

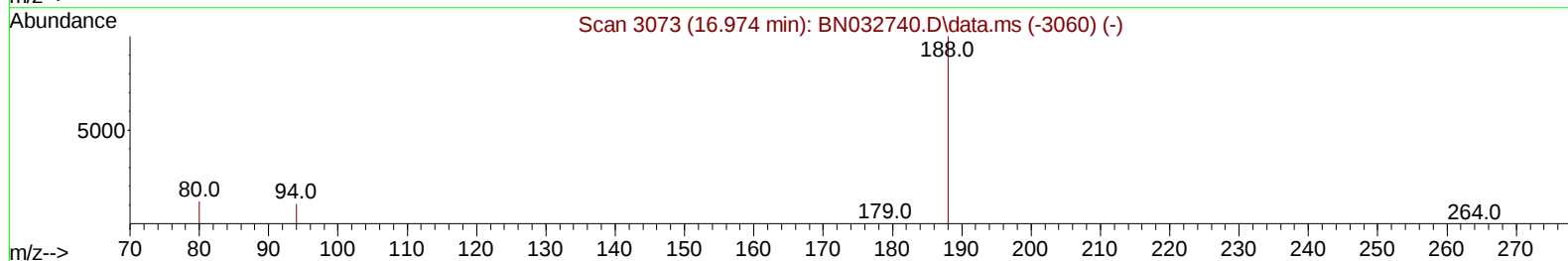
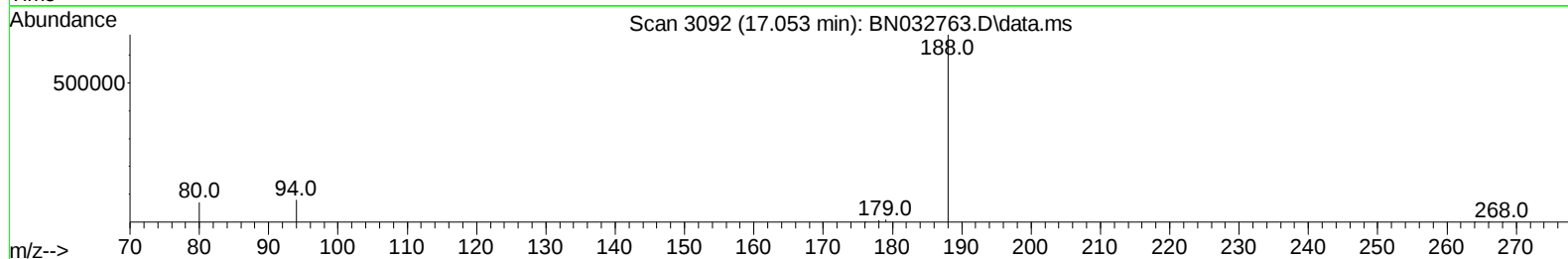
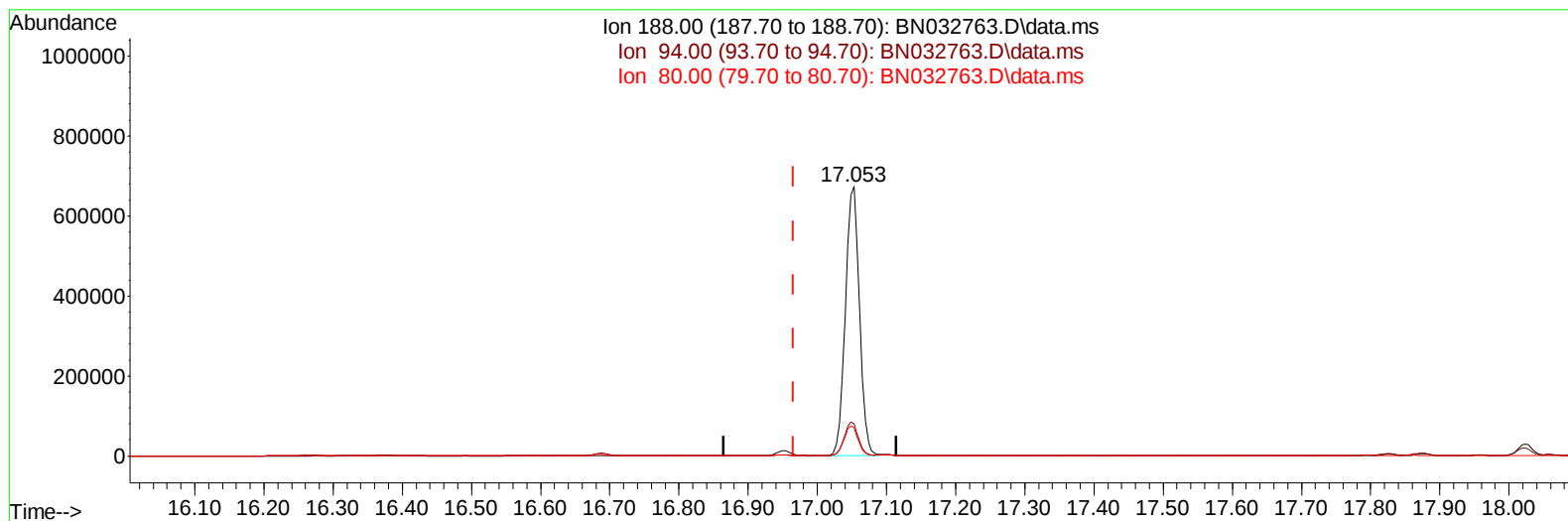
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032763.D\data.ms

(13) Phenanthrene-d10 (I)**17.053min (+ 0.087) 0.40 ng/u1****response 949421**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.82
80.00	12.00	10.48
0.00	0.00	0.00

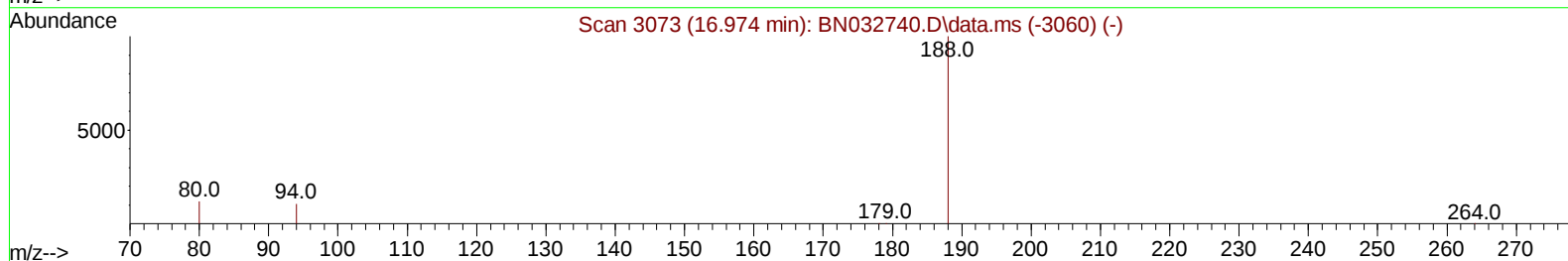
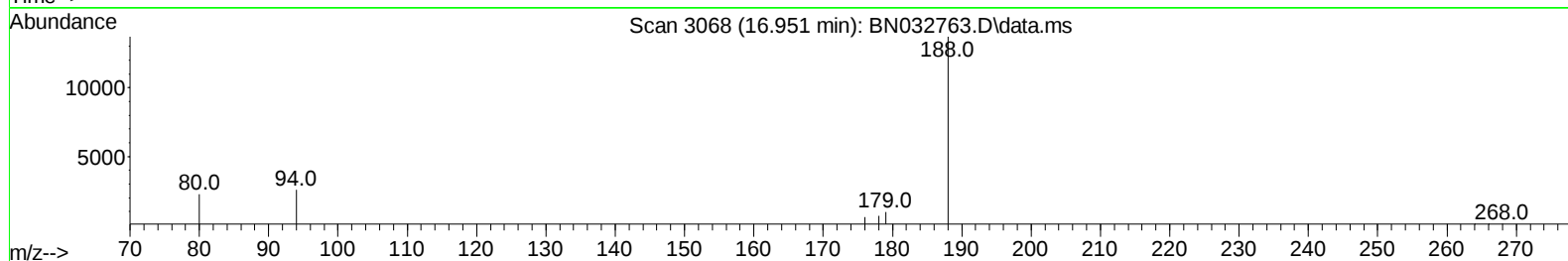
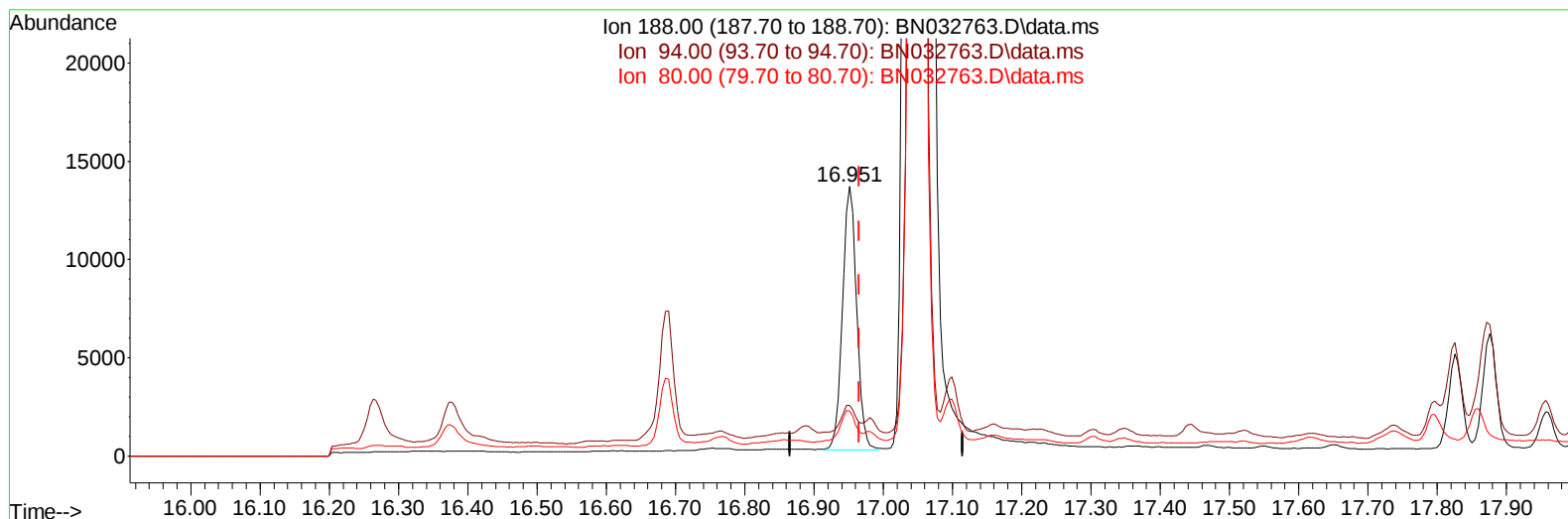
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (-0.014) 0.40 ng/ul m

response 18976

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	18.83#
80.00	12.00	16.69#
0.00	0.00	0.00

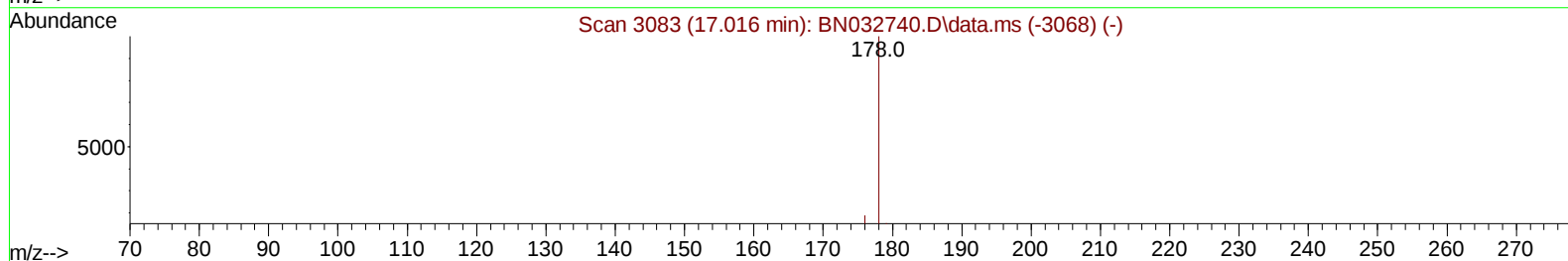
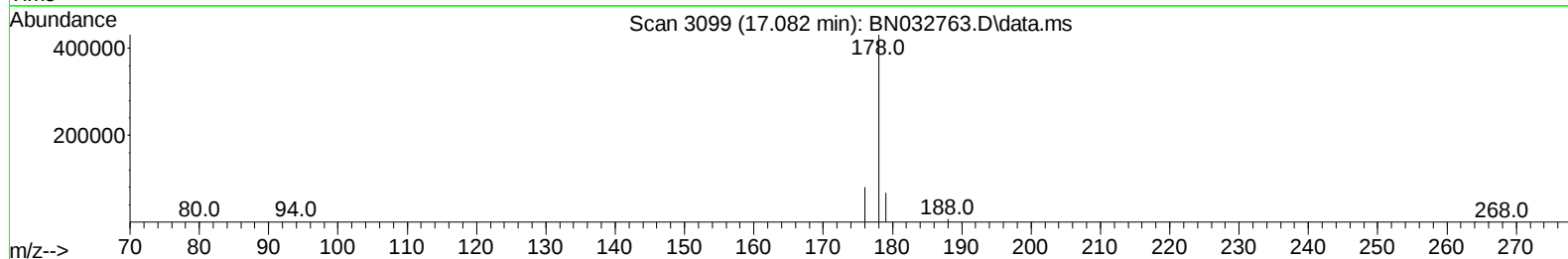
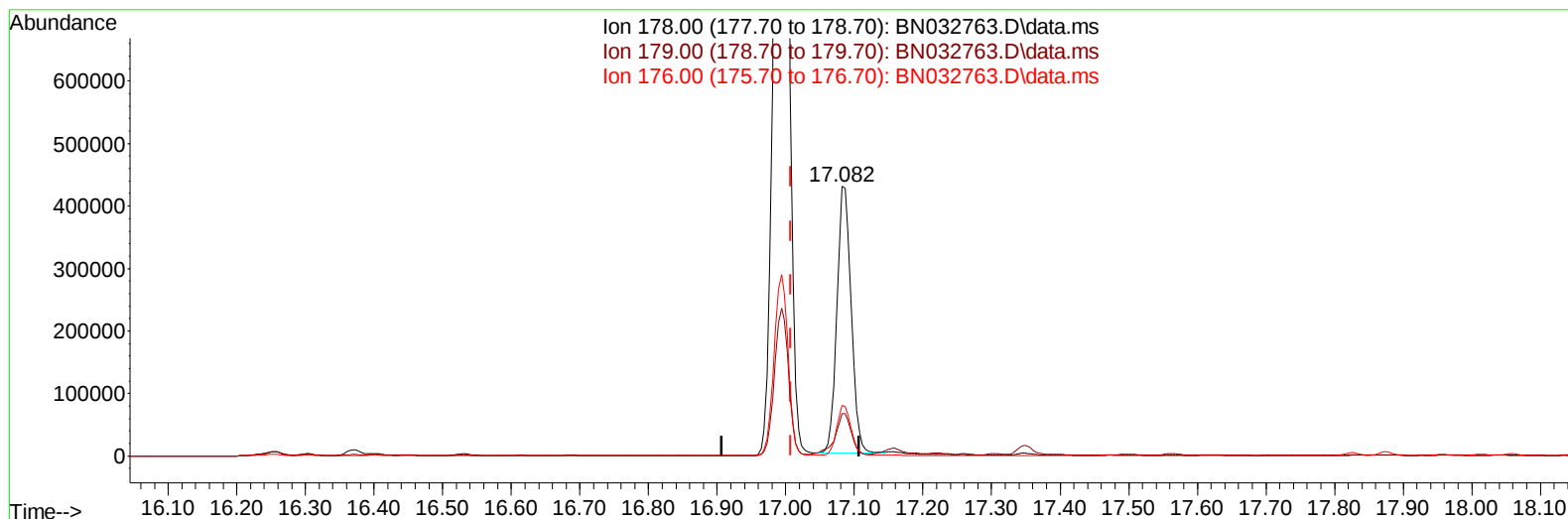
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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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
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(15) Phenanthrene

17.082min (+ 0.075) 11.91 ng/u1

response 615272

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.64
176.00	19.50	18.81
0.00	0.00	0.00

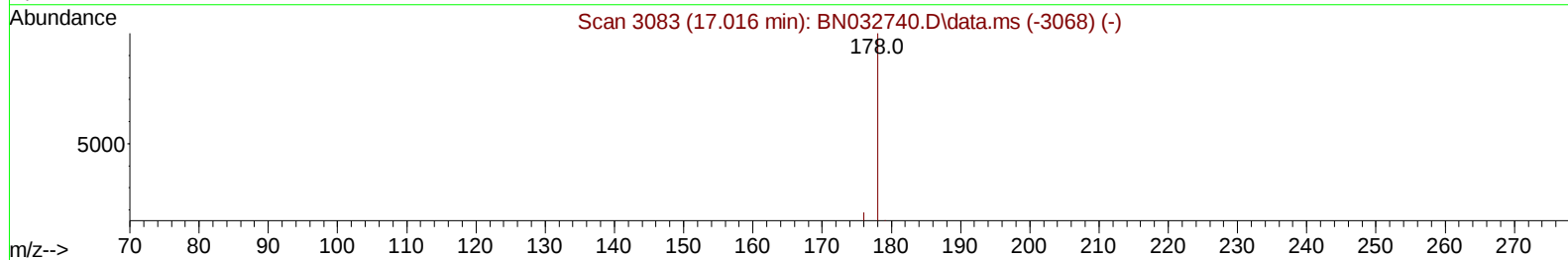
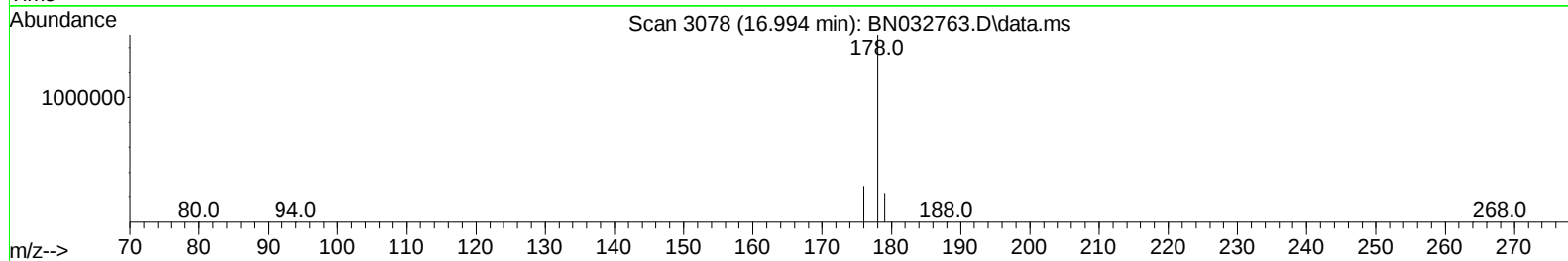
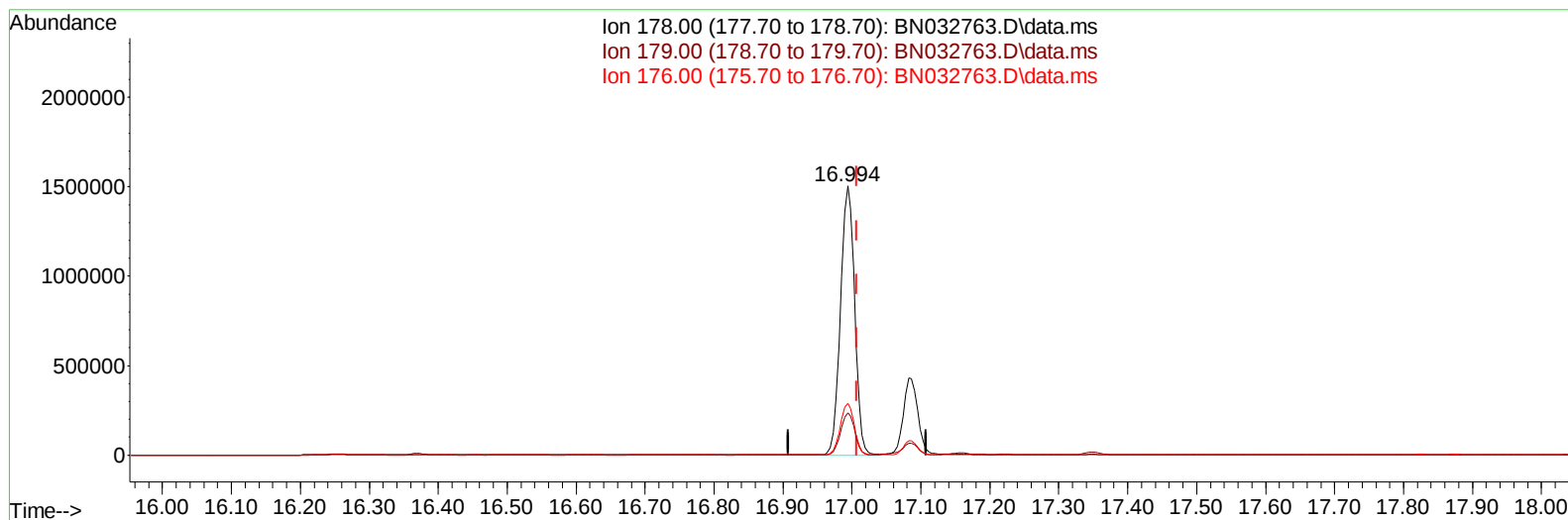
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(15) Phenanthrene

16.994min (-0.014) 41.53 ng/ul m

response 2146116

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.70
176.00	19.50	19.34
0.00	0.00	0.00

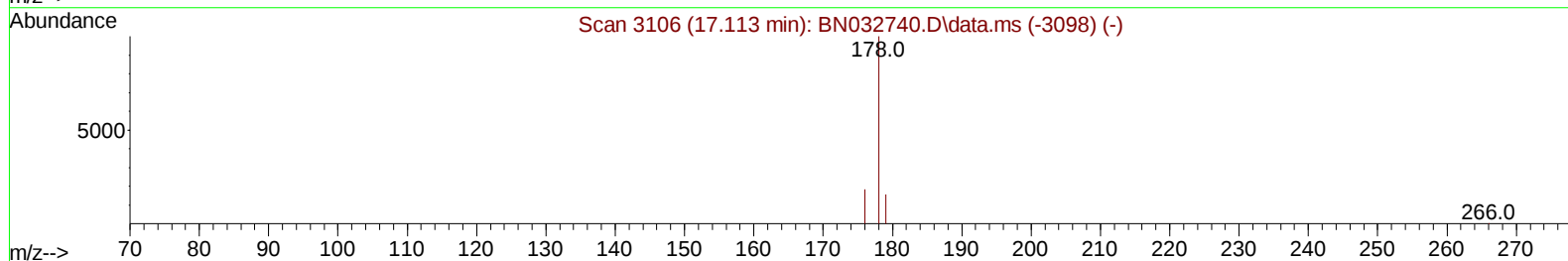
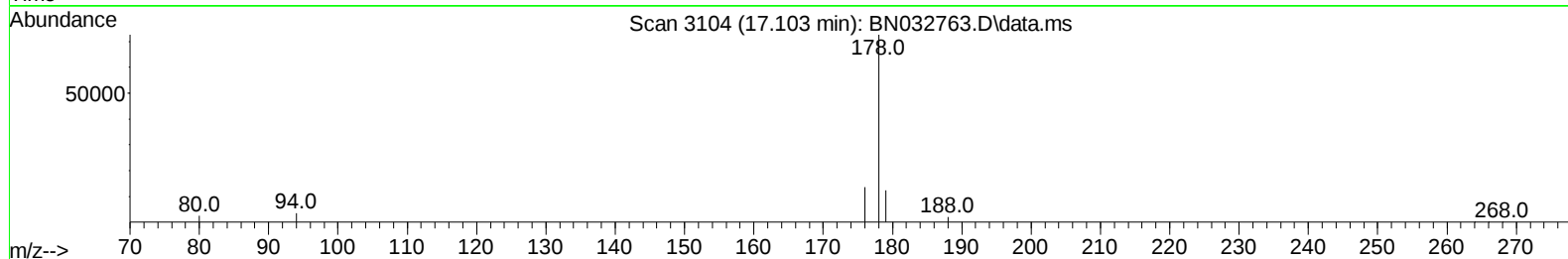
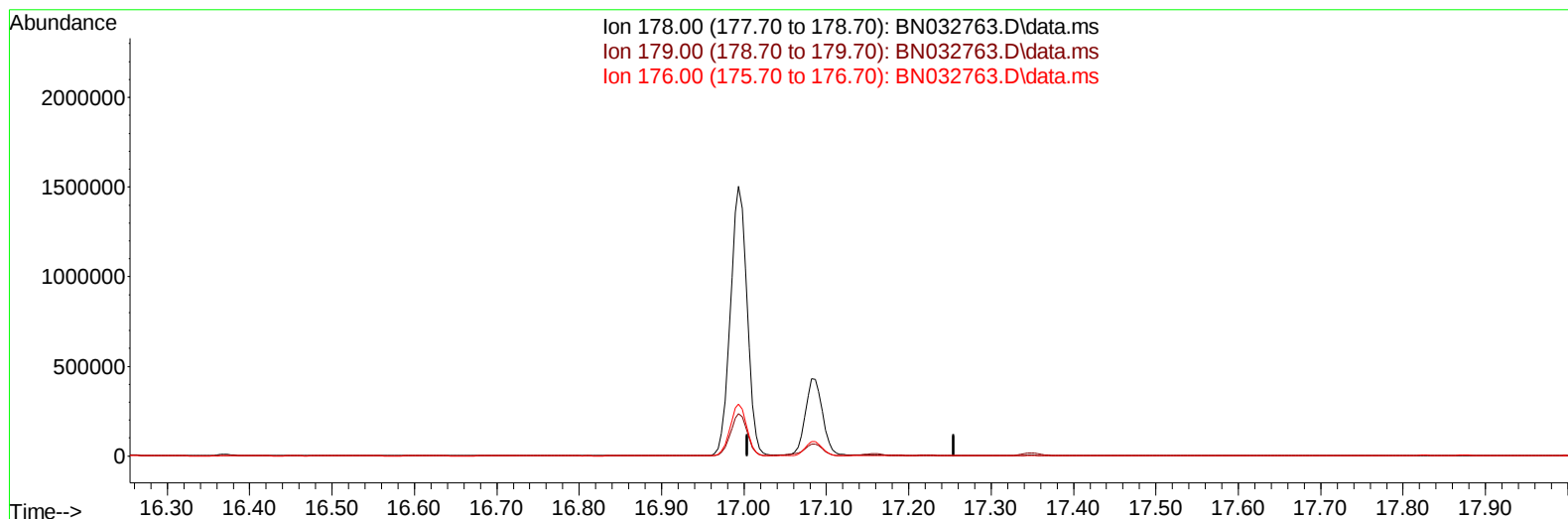
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(16) Anthracene

17.105min (-17.105) 0.00 ng/u1

response 0

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

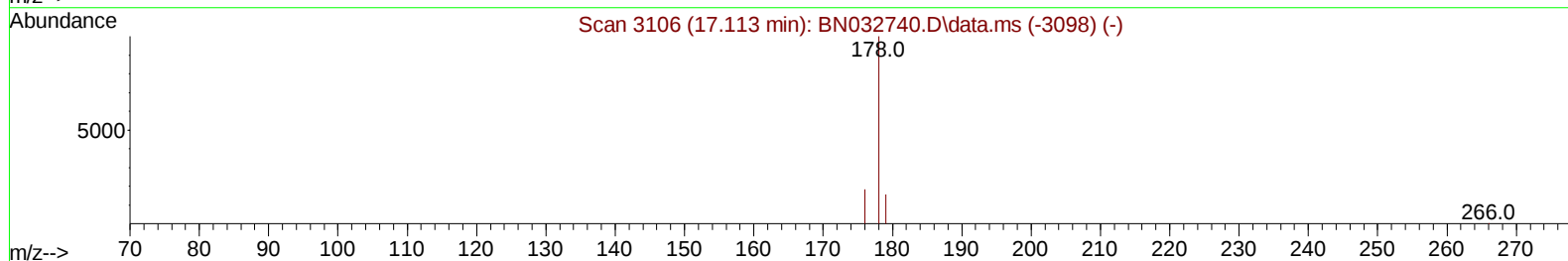
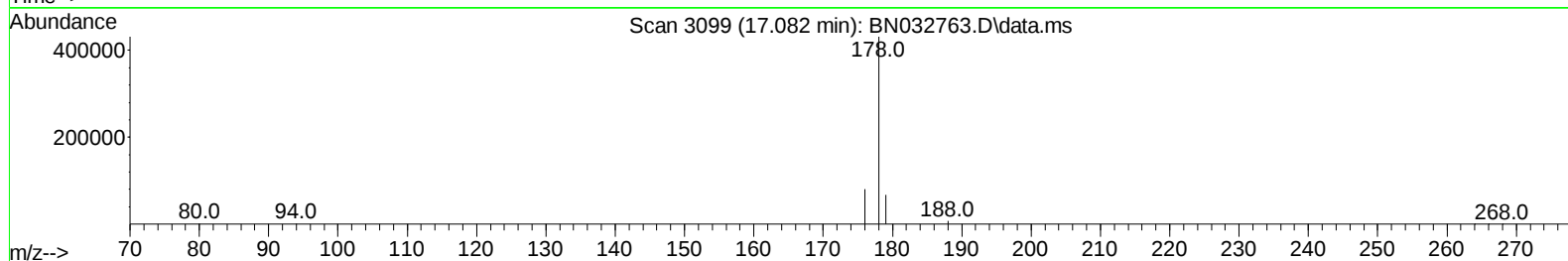
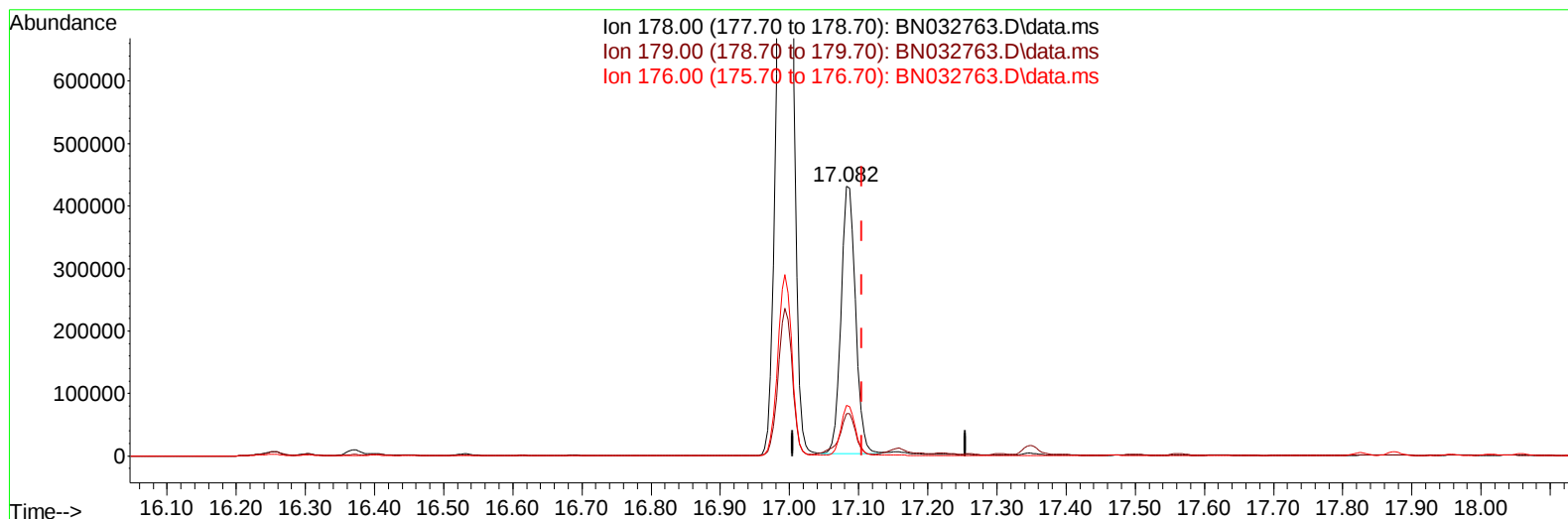
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(16) Anthracene

17.082min (-0.022) 14.70 ng/ul m

response 620780

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	15.64
176.00	19.20	18.81
0.00	0.00	0.00

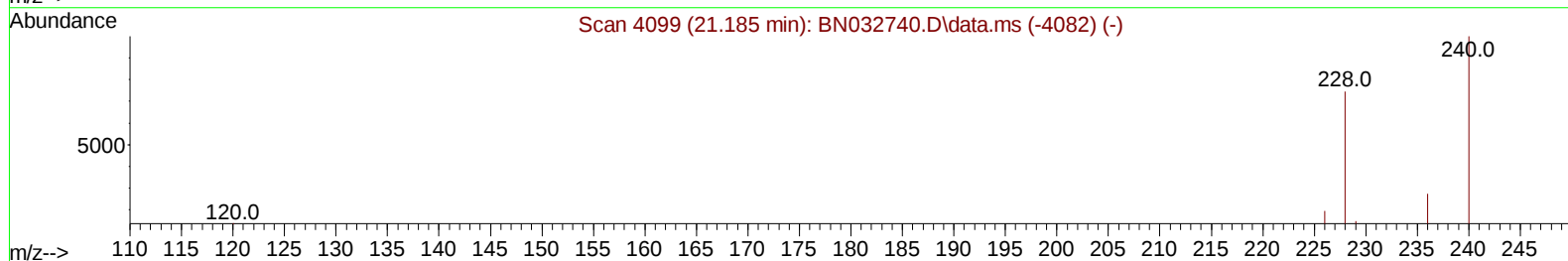
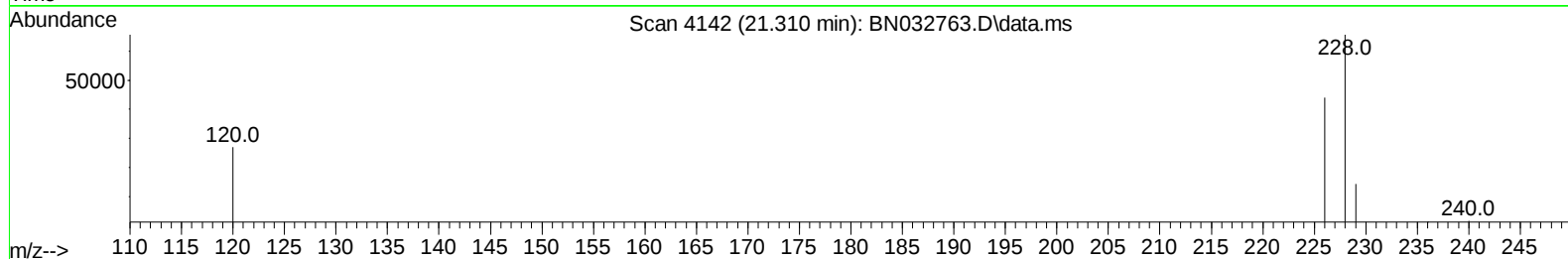
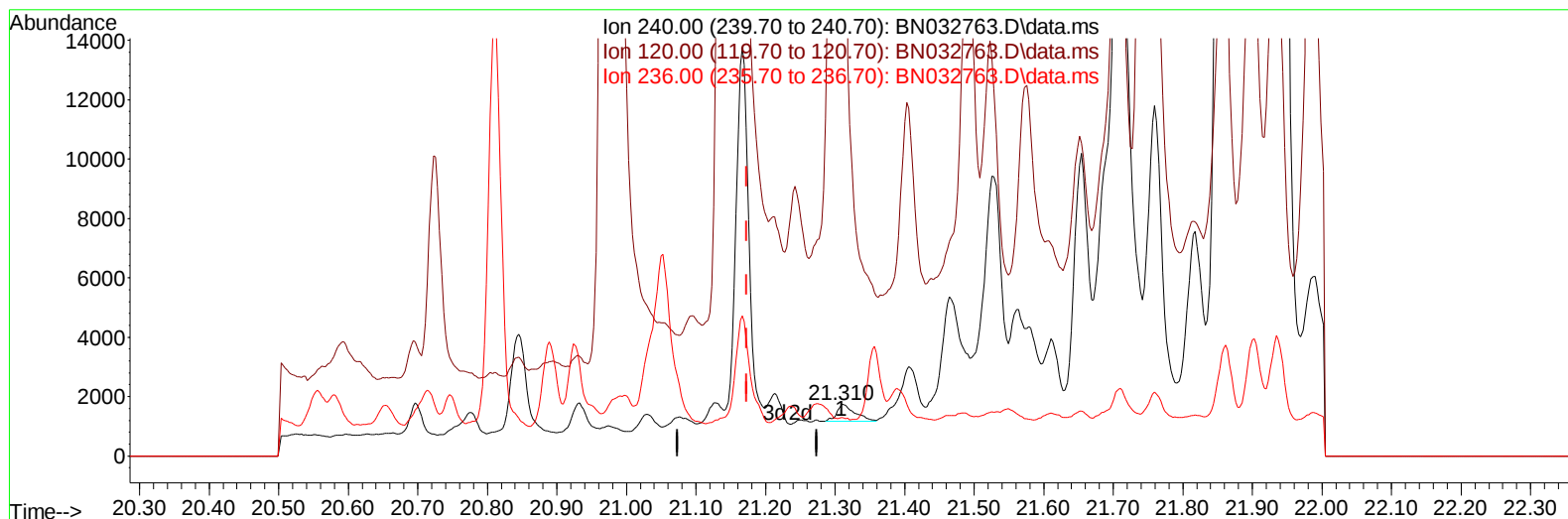
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(17) Chrysene-d12

21.310min (+ 0.136) 0.40 ng/u1

response 1015

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	1552.70#
236.00	28.40	74.05#
0.00	0.00	0.00

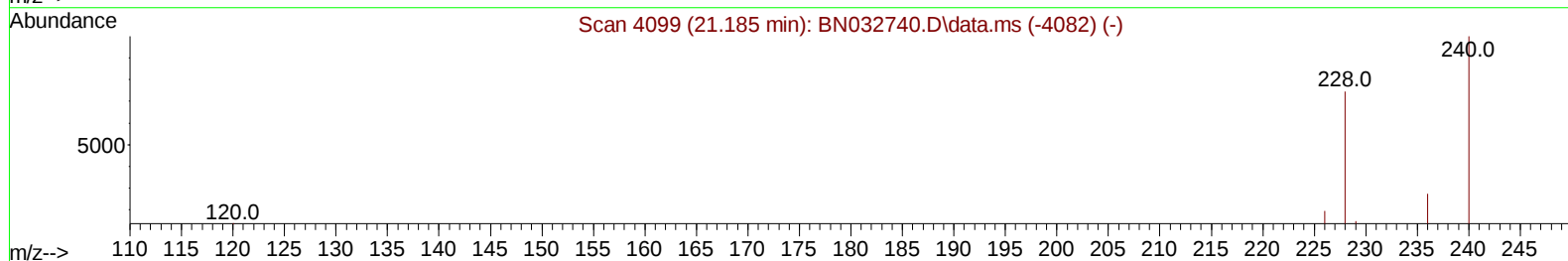
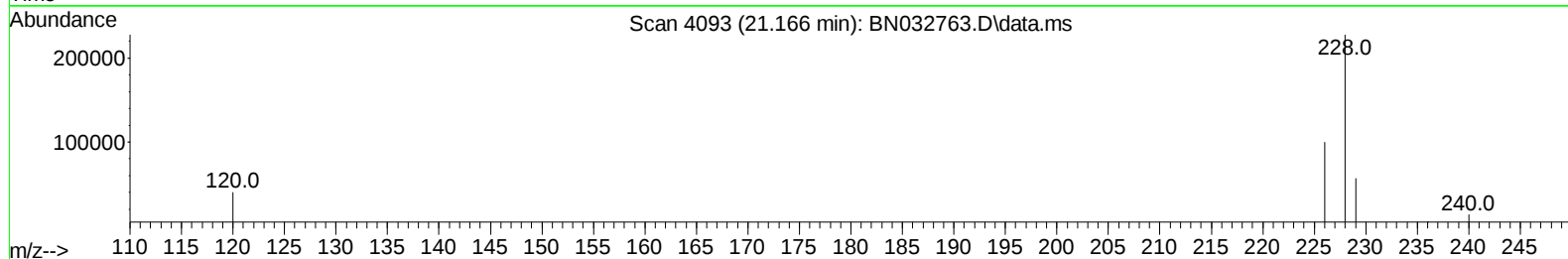
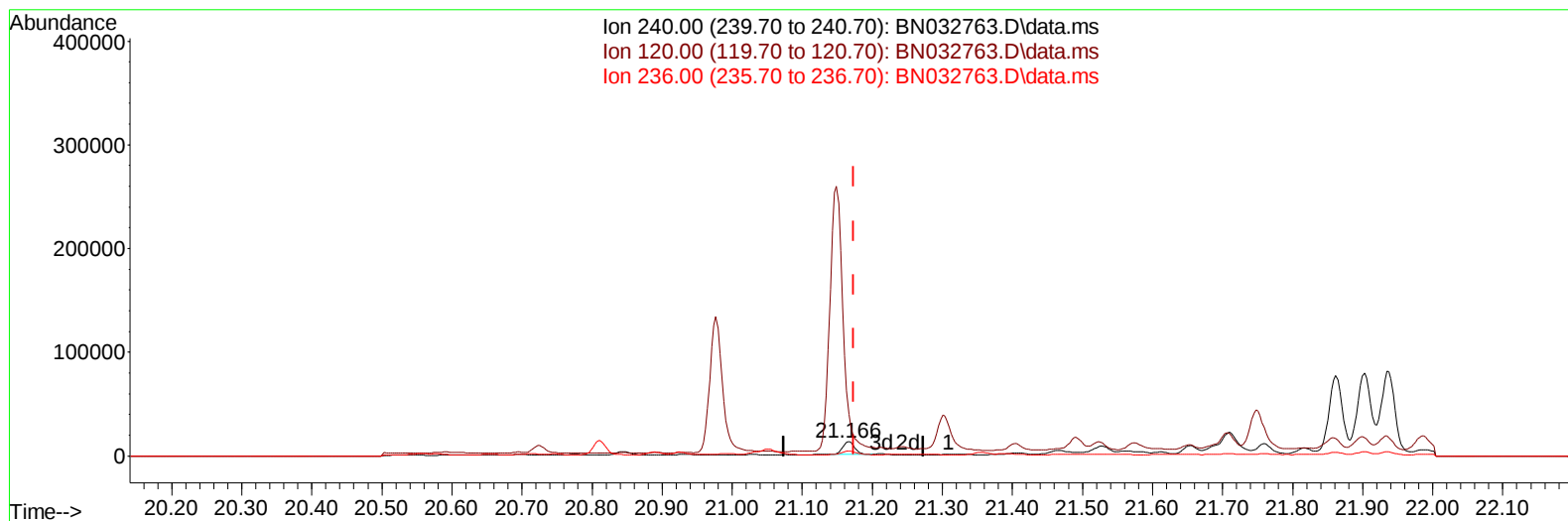
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(17) Chrysene-d12

21.166min (-0.007) 0.40 ng/u1 m

response 14729

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	292.55#
236.00	28.40	34.30#
0.00	0.00	0.00

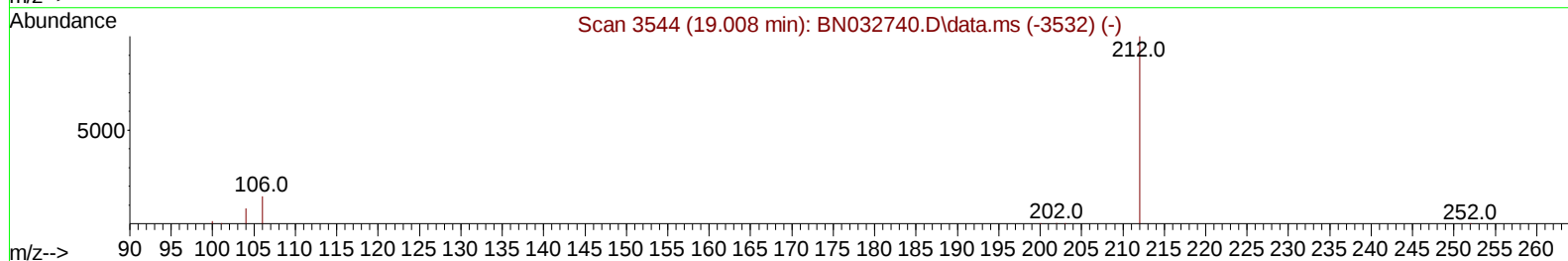
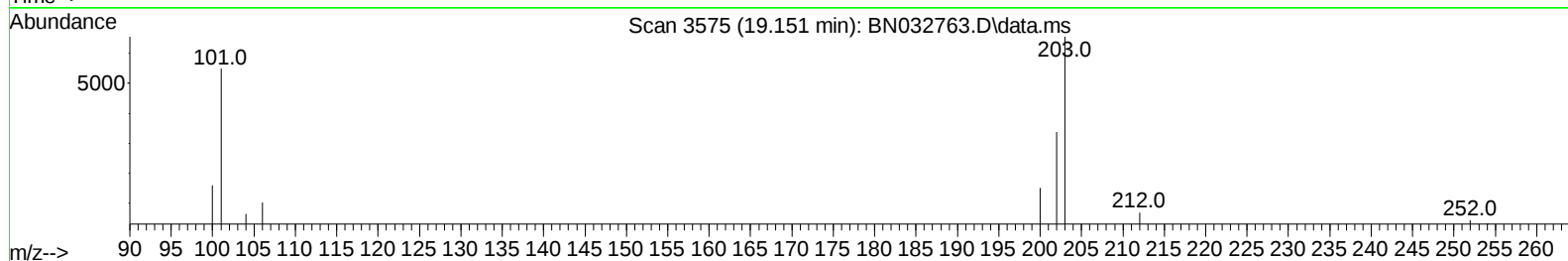
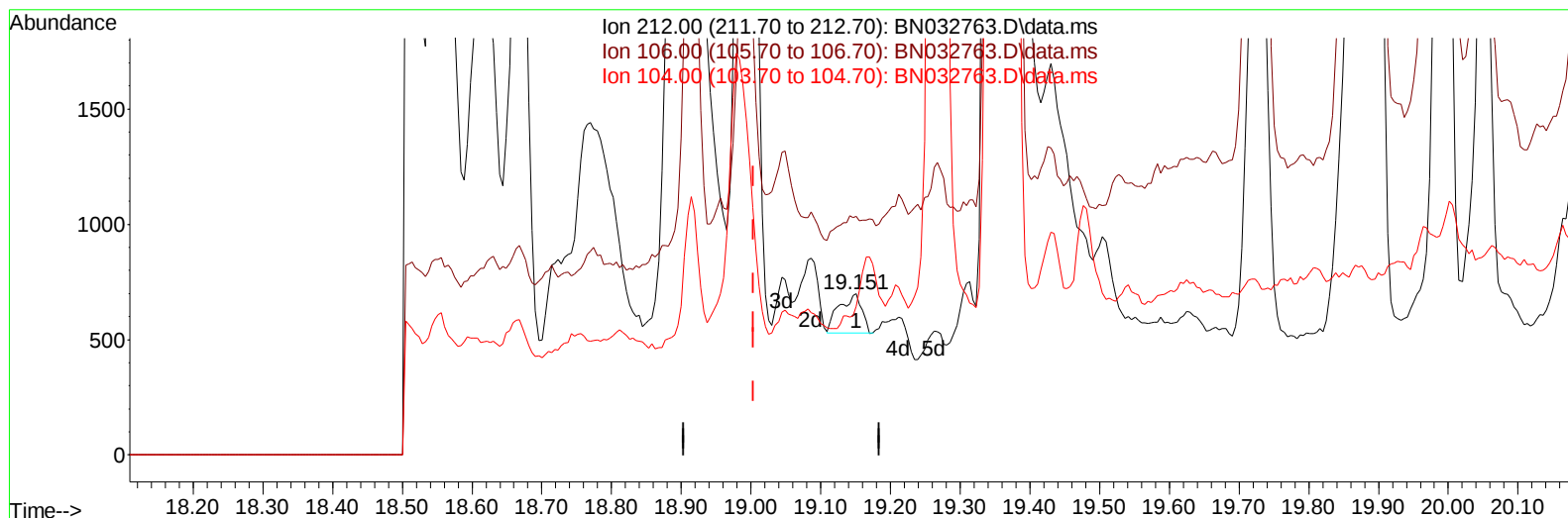
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032763.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.151min (+ 0.147) 0.01 ng/u1

response 373

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	90.35#
104.00	9.00	0.00#
0.00	0.00	0.00

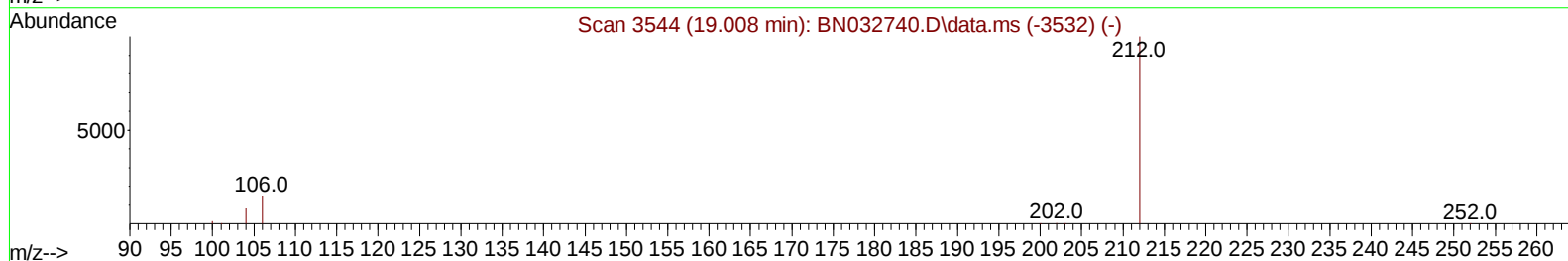
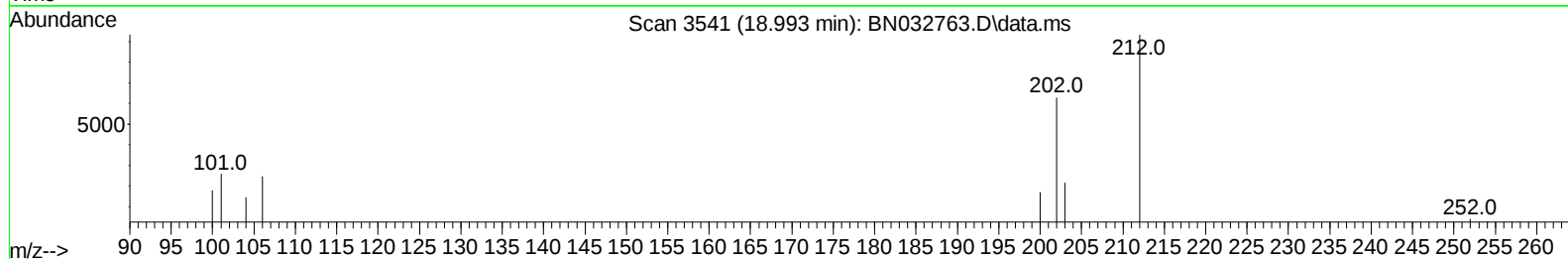
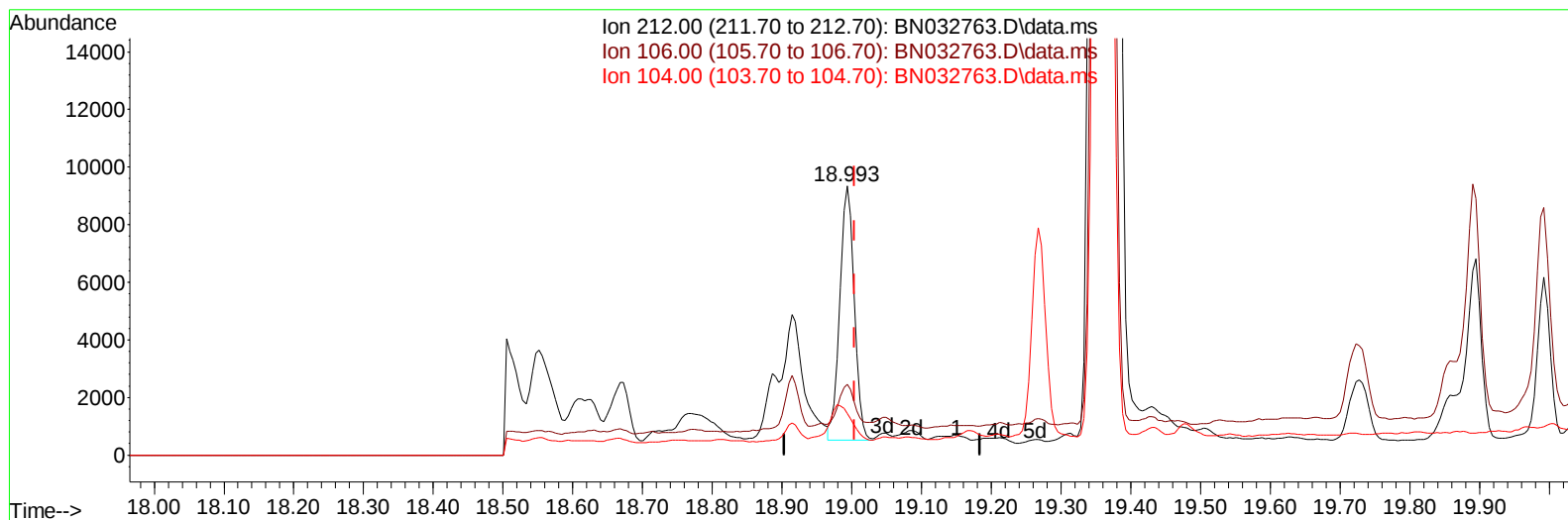
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032763.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.993min (-0.011) 0.26 ng/u1 m

response 12580

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	2.68#
104.00	9.00	0.00#
0.00	0.00	0.00

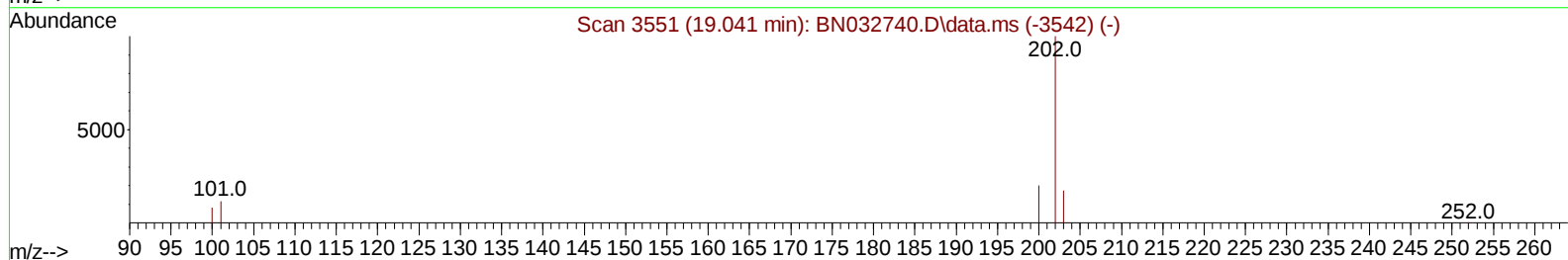
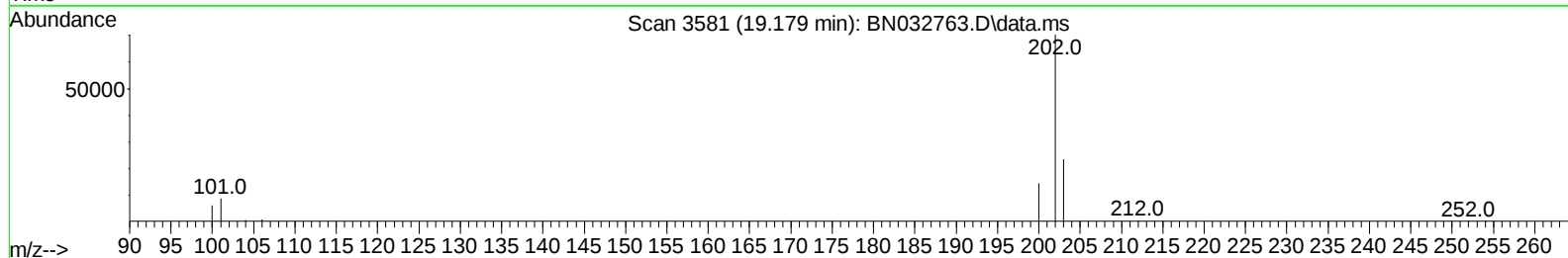
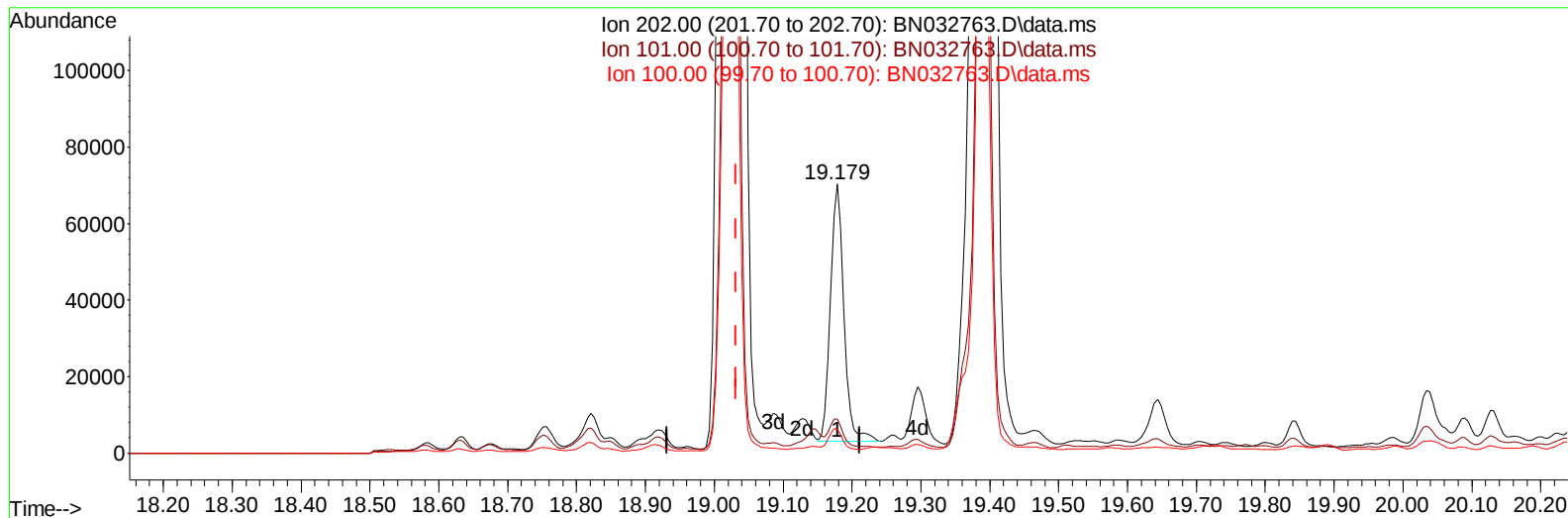
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

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TIC: BN032763.D\data.ms

(19) Fluoranthene (C)

19.179min (+ 0.147) 1.53 ng/u1

response 91457

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.55
100.00	9.90	8.98
0.00	0.00	0.00

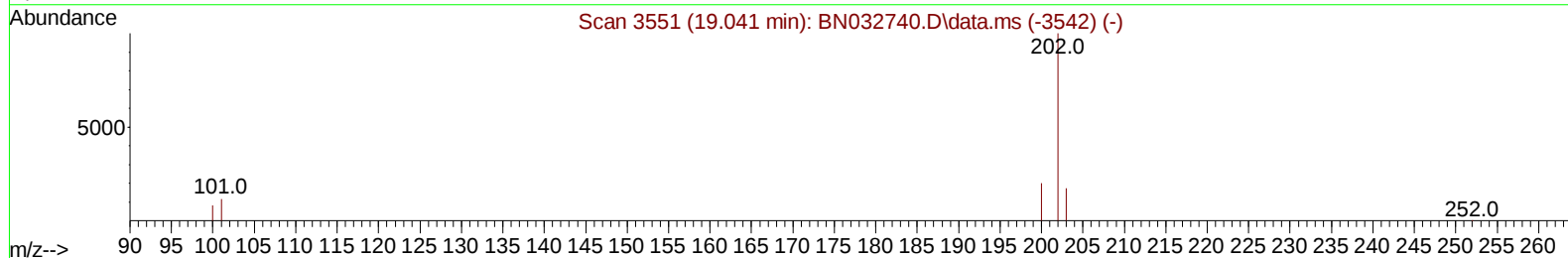
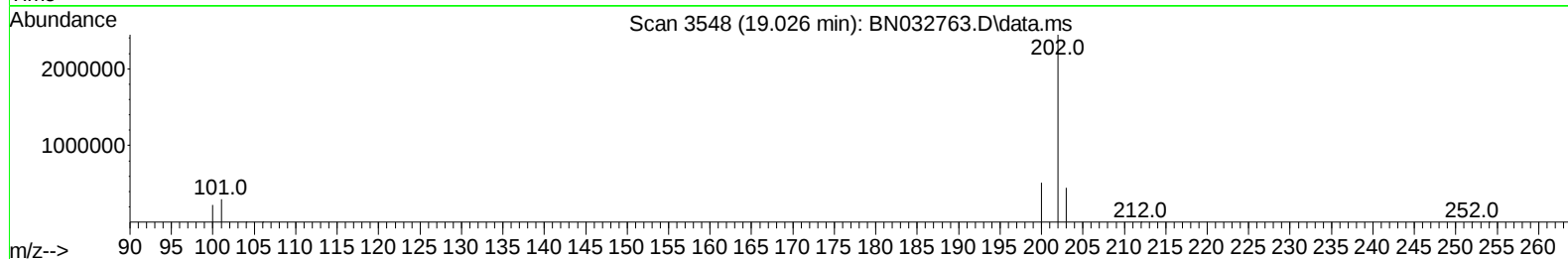
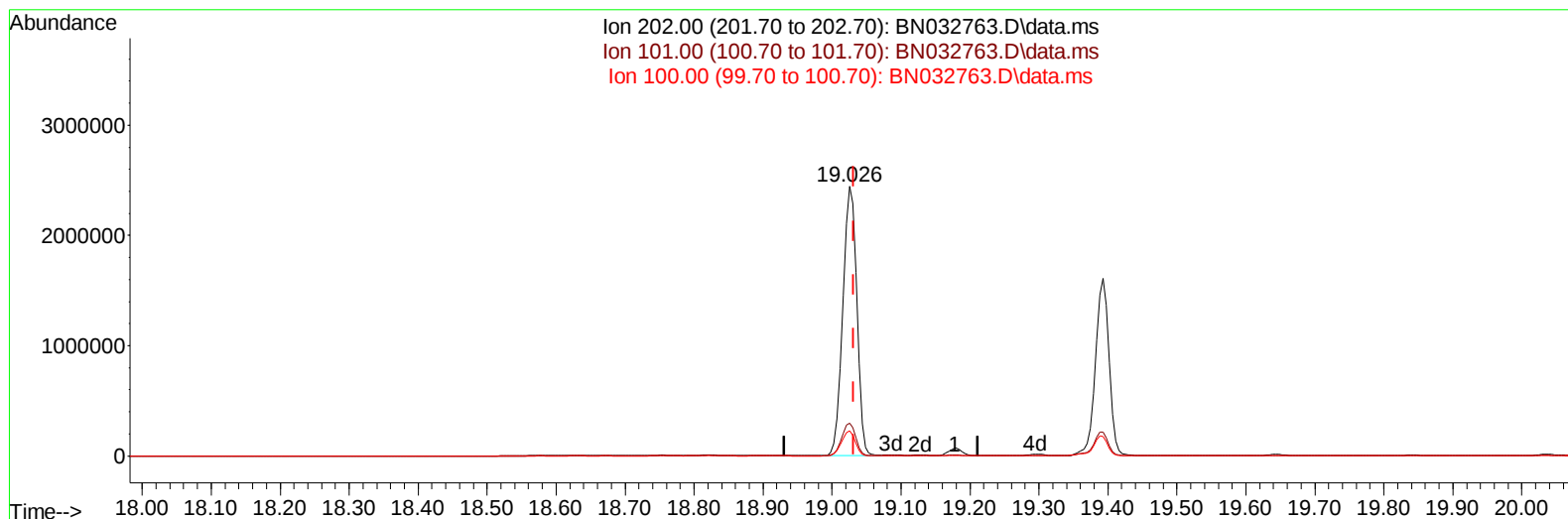
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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TIC: BN032763.D\data.ms

(19) Fluoranthene (C)

19.026min (-0.006) 58.20 ng/ul m

response 3485234

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.21
100.00	9.90	9.22
0.00	0.00	0.00

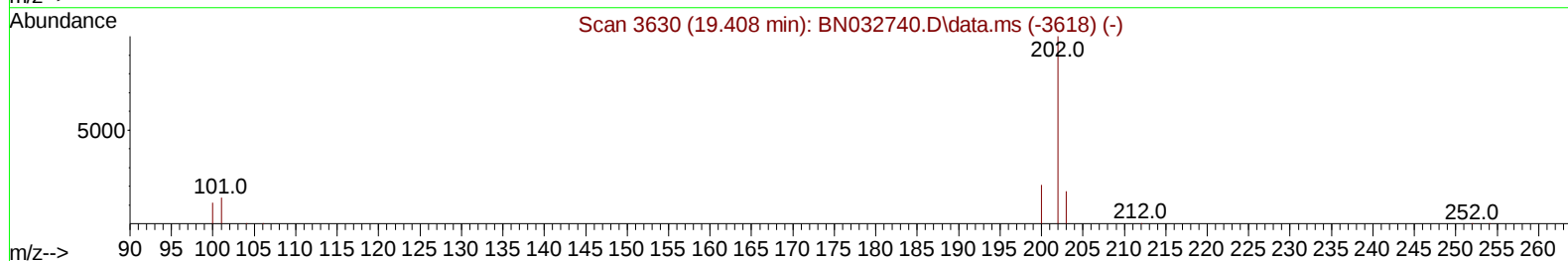
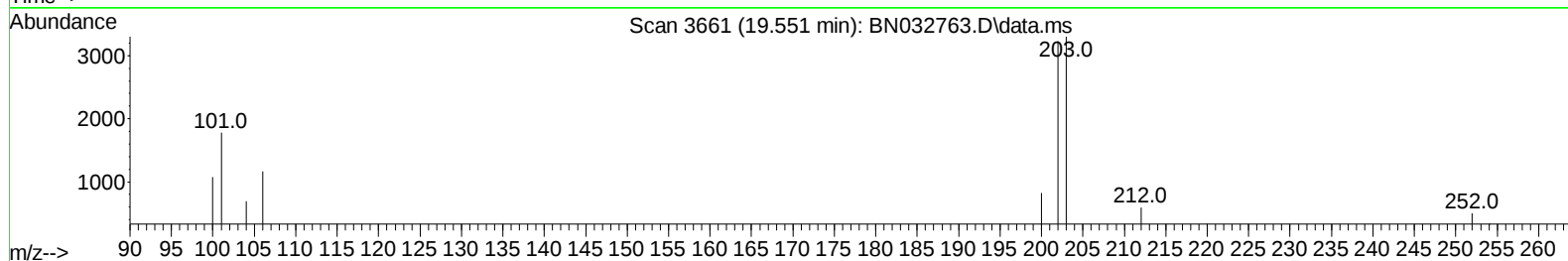
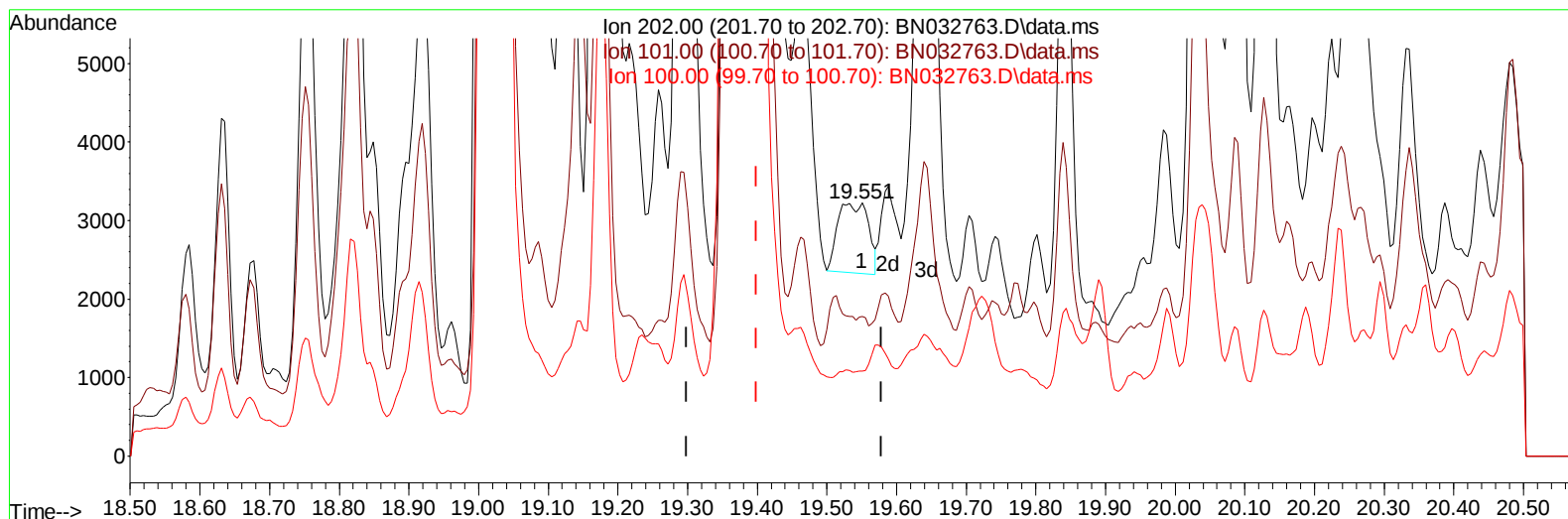
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(20) Pyrene

19.551min (+ 0.152) 0.04 ng/u1

response 2717

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	55.05#
100.00	12.00	33.48#
0.00	0.00	0.00

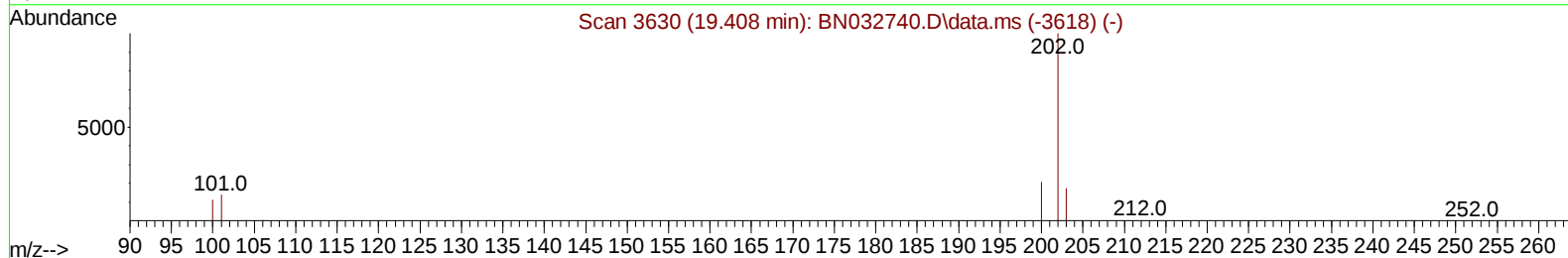
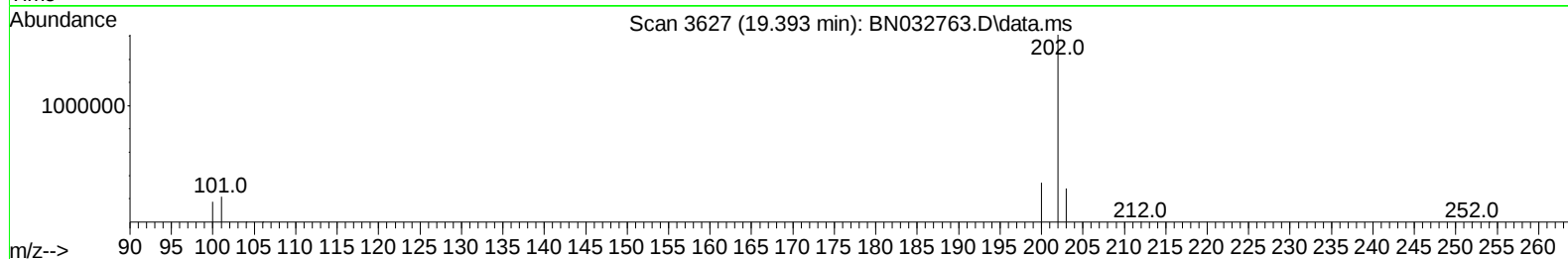
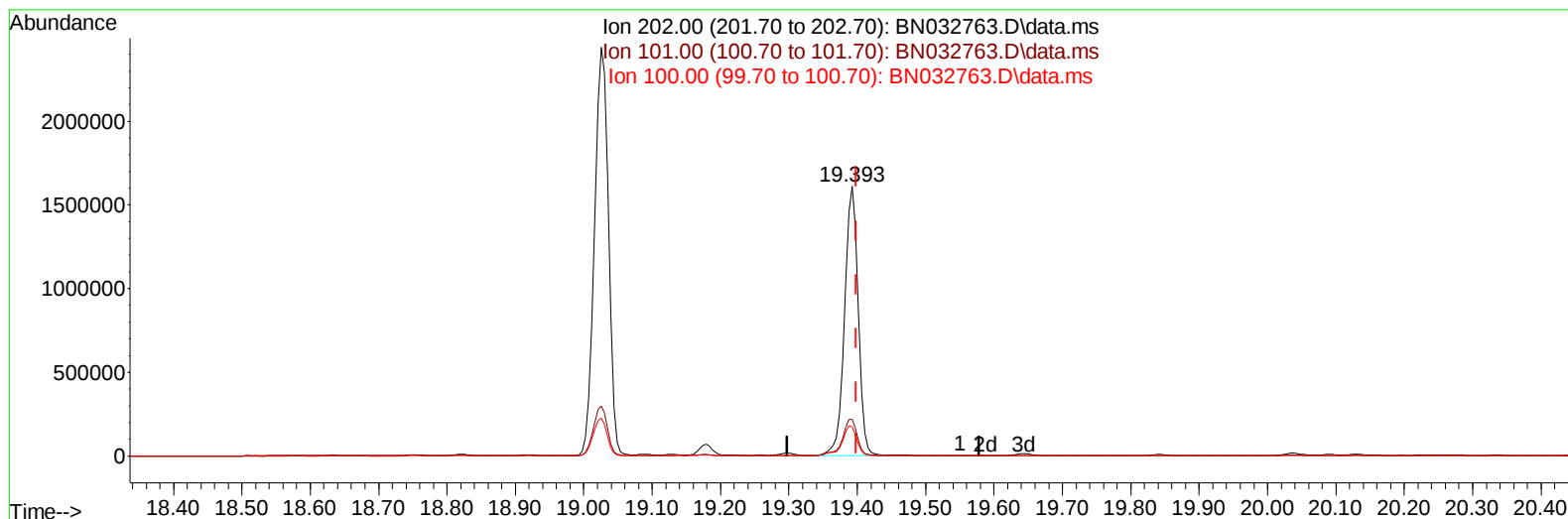
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(20) Pyrene

19.393min (-0.006) 35.98 ng/ul m

response 2230567

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.53
100.00	12.00	10.86
0.00	0.00	0.00

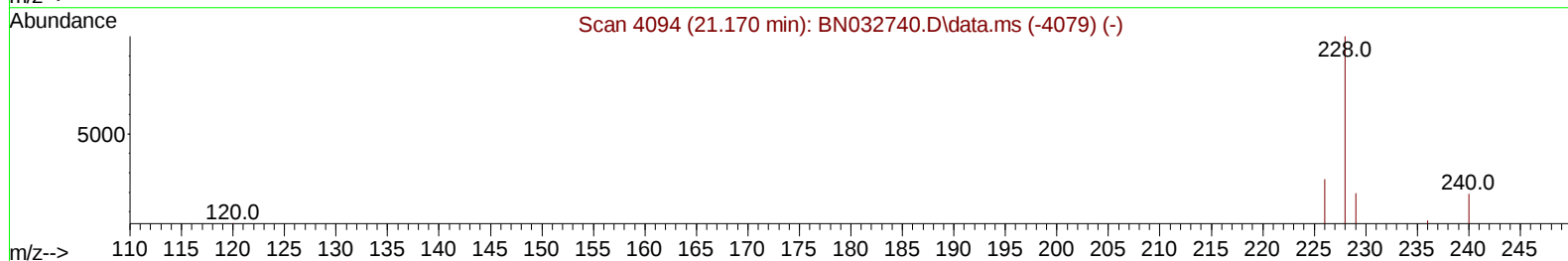
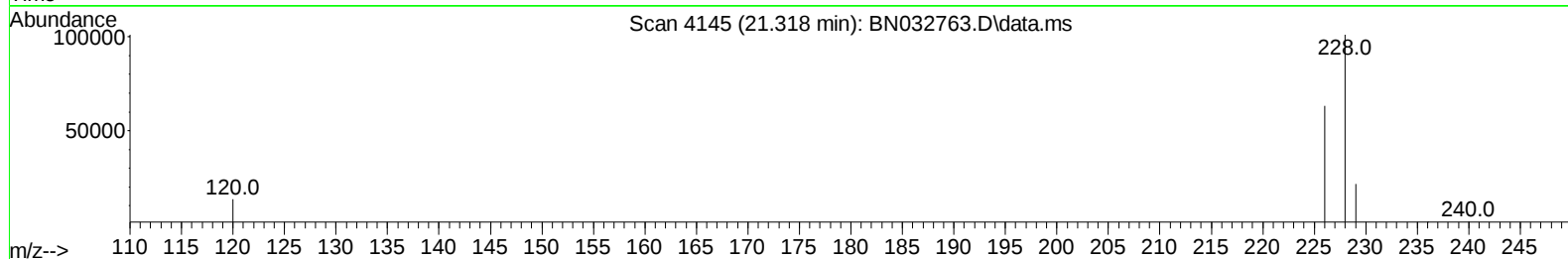
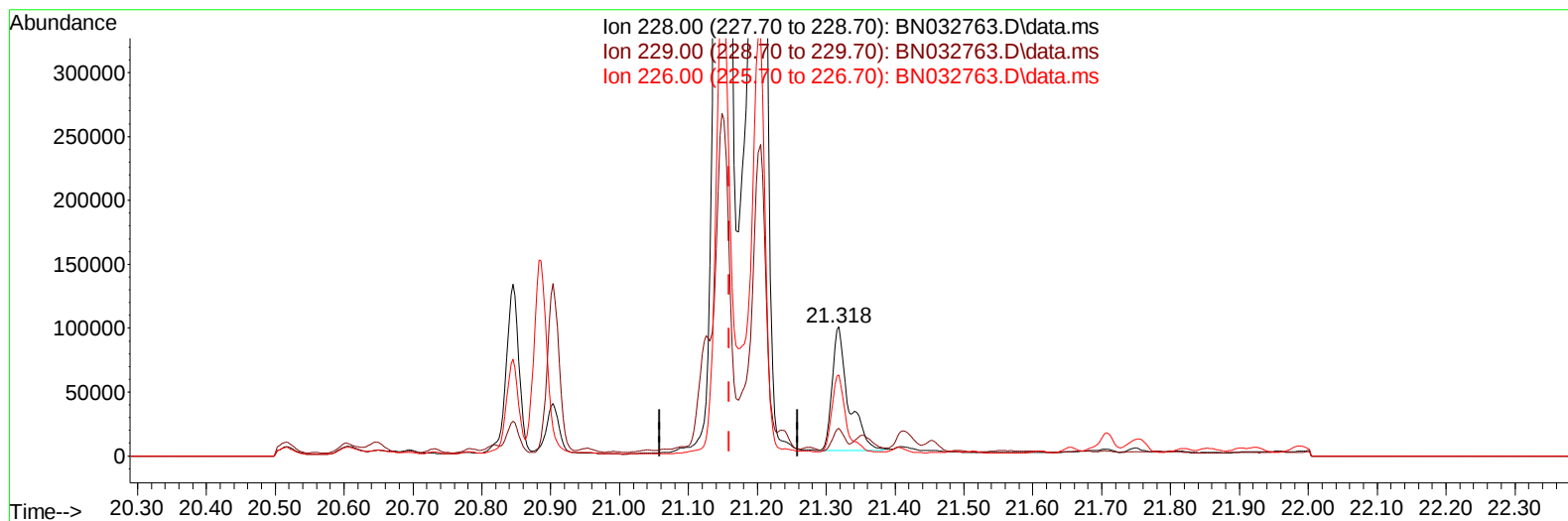
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(21) Benzo(a)anthracene

21.318min (+ 0.159) 3.42 ng/u1

response 160195

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.24
226.00	27.40	62.68#
0.00	0.00	0.00

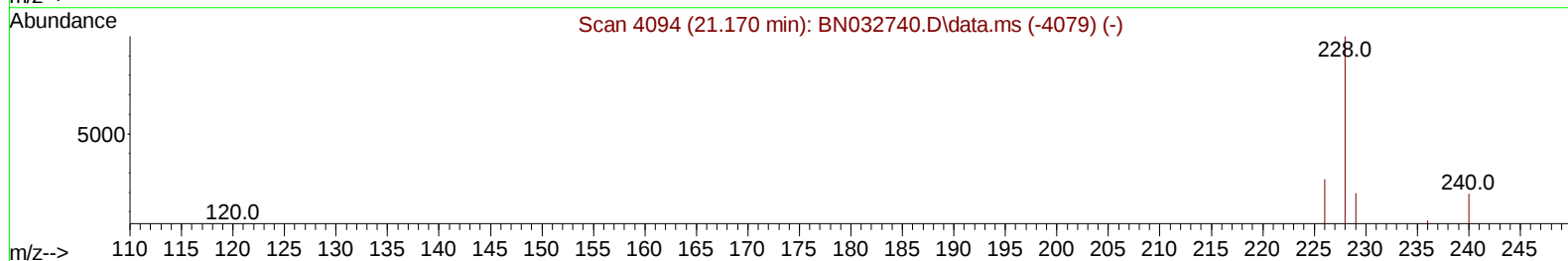
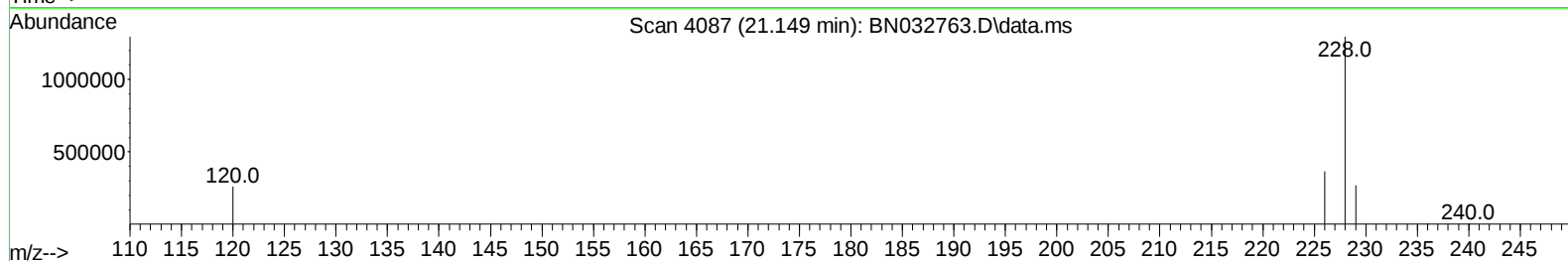
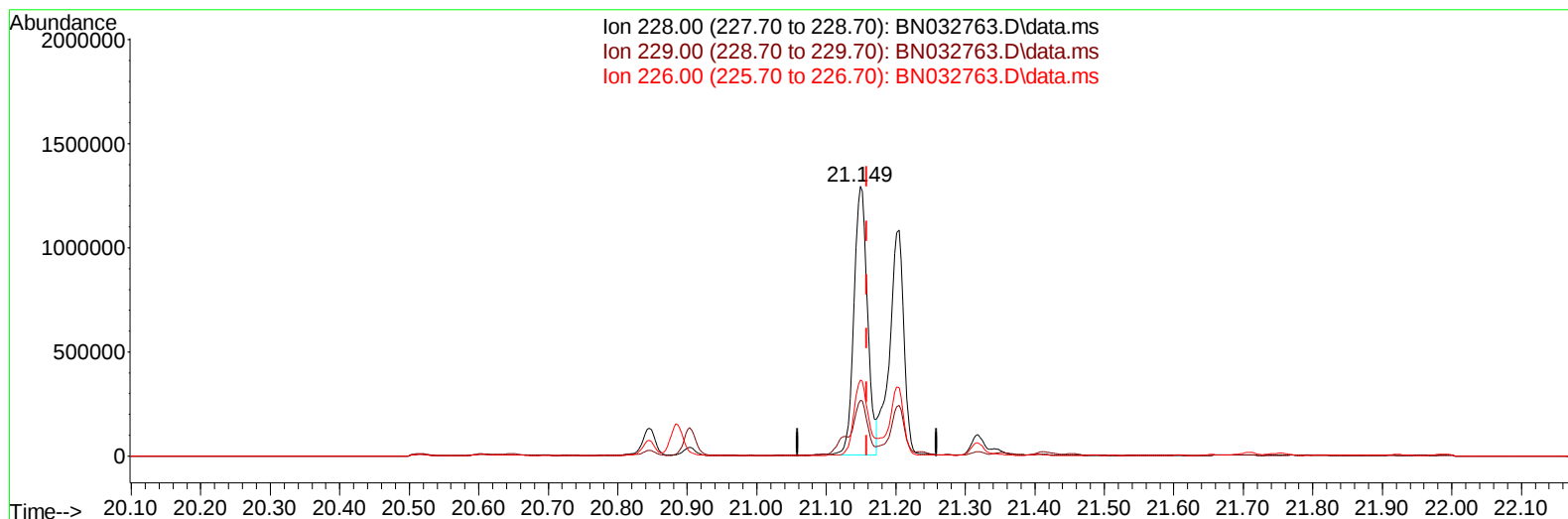
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(21) Benzo(a)anthracene

21.149min (-0.010) 37.30 ng/ul m

response 1748686

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.72
226.00	27.40	28.30
0.00	0.00	0.00

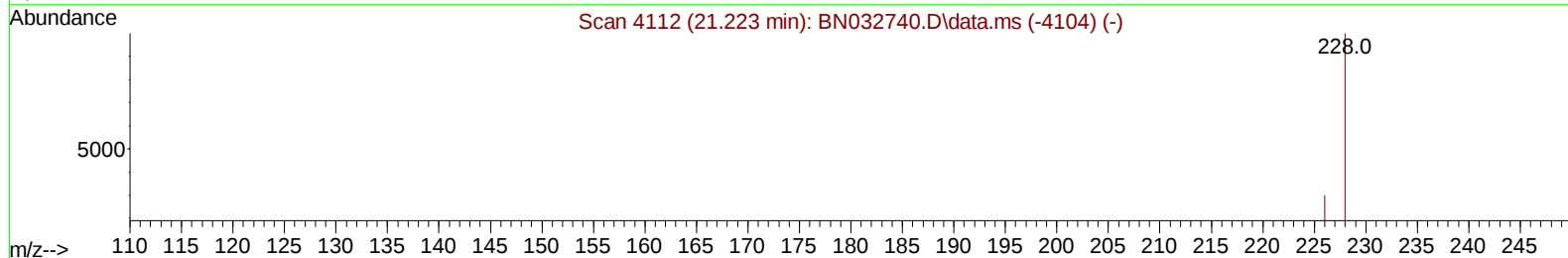
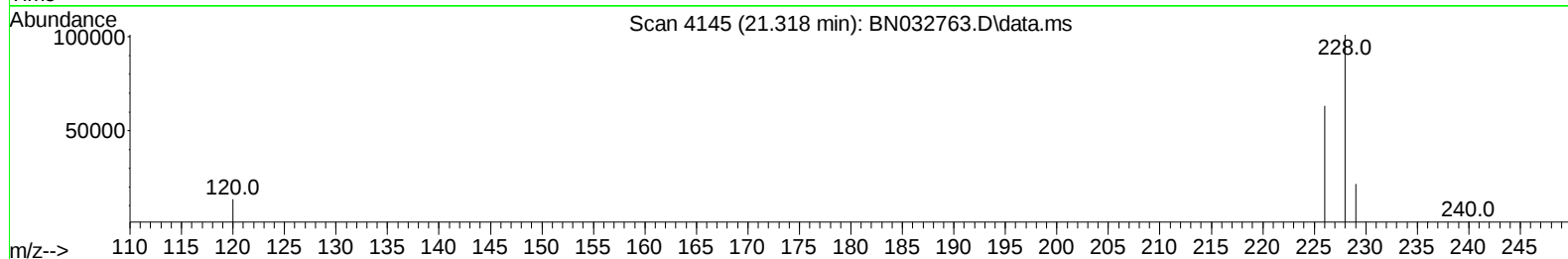
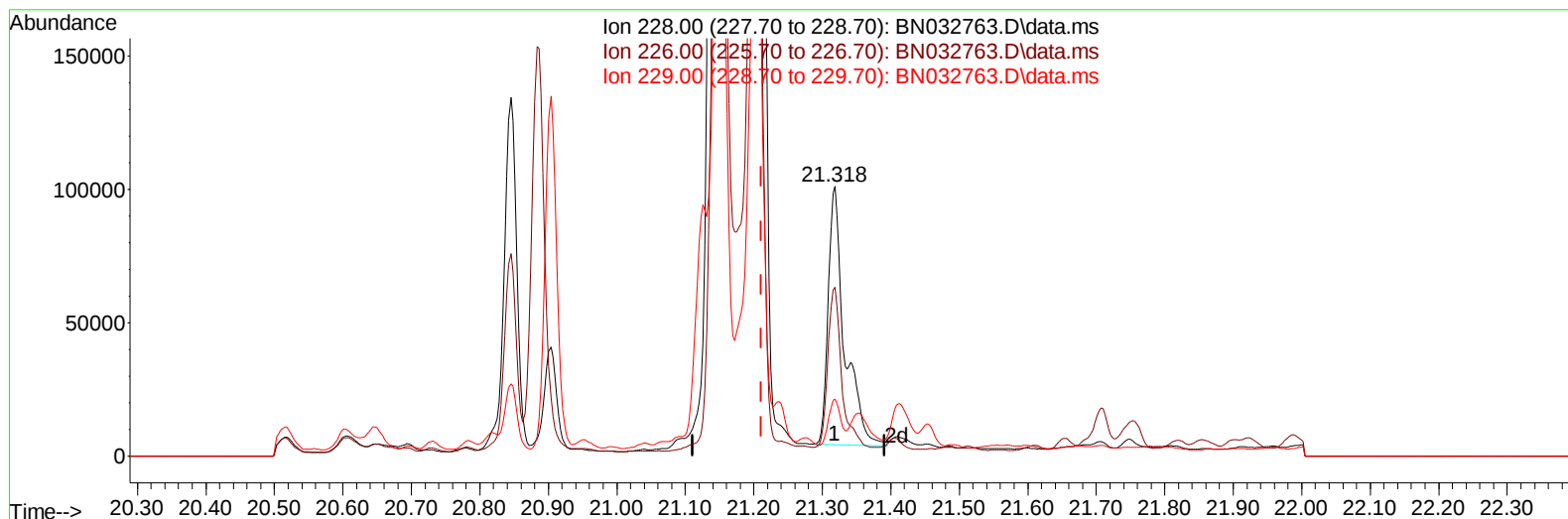
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032763.D\data.ms

(22) Chrysene

21.318min (+ 0.107) 2.40 ng/u1

response 162887

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	62.68#
229.00	19.70	21.24
0.00	0.00	0.00

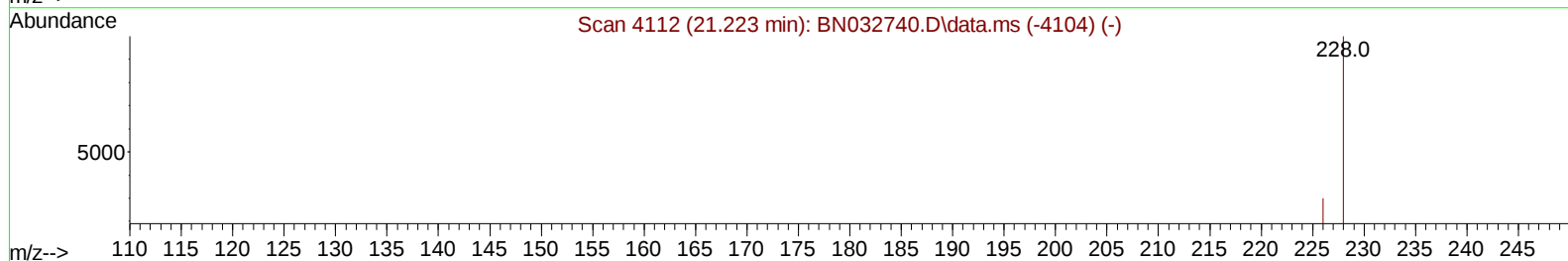
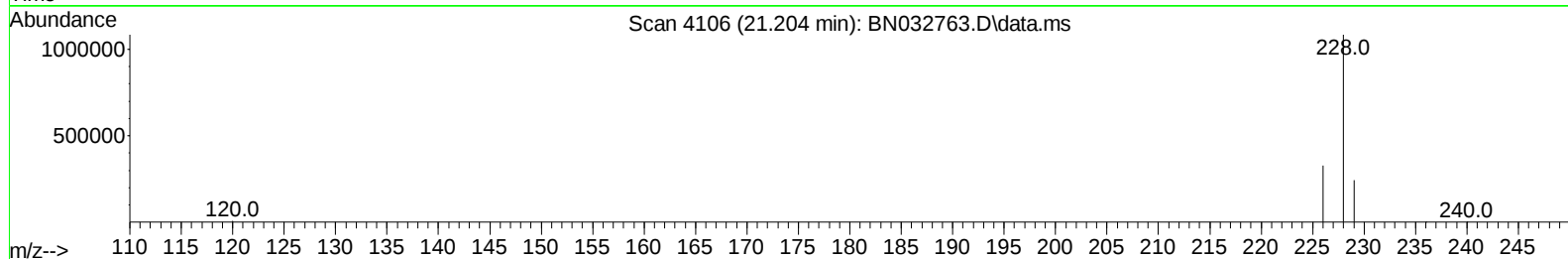
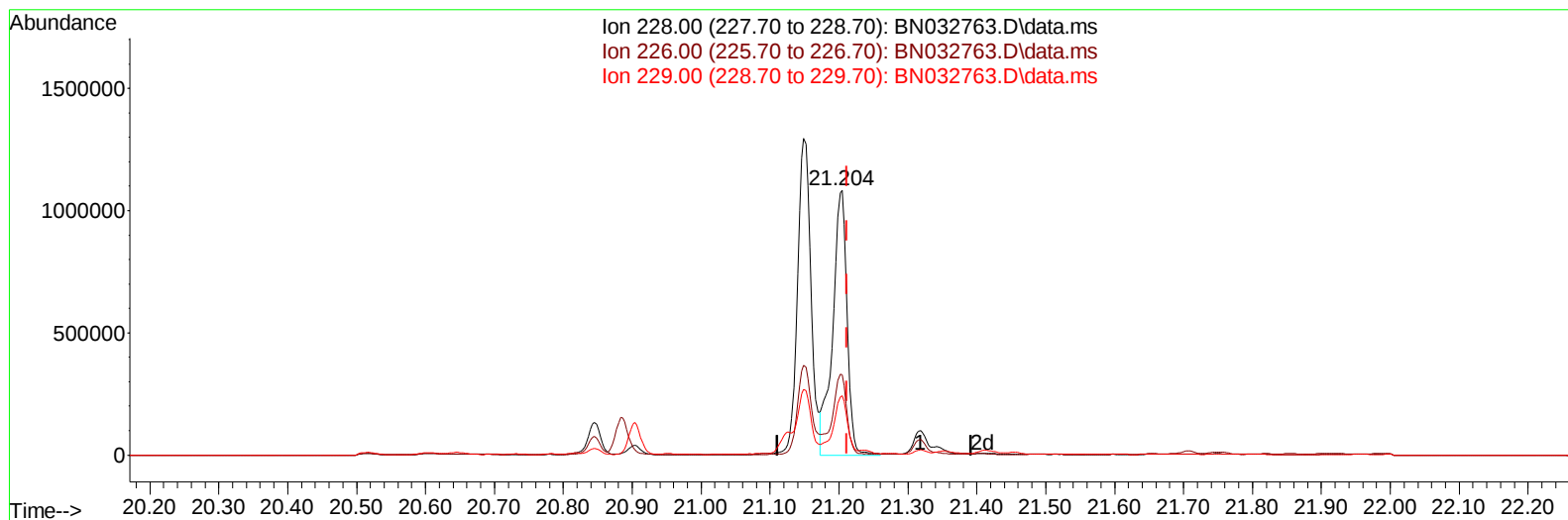
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(22) Chrysene

21.204min (-0.007) 23.24 ng/ul m

response 1576351

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.26
229.00	19.70	22.51
0.00	0.00	0.00

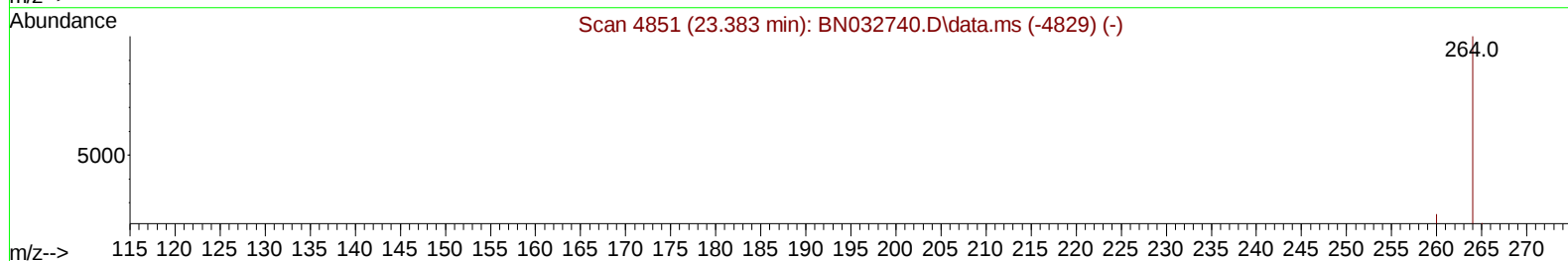
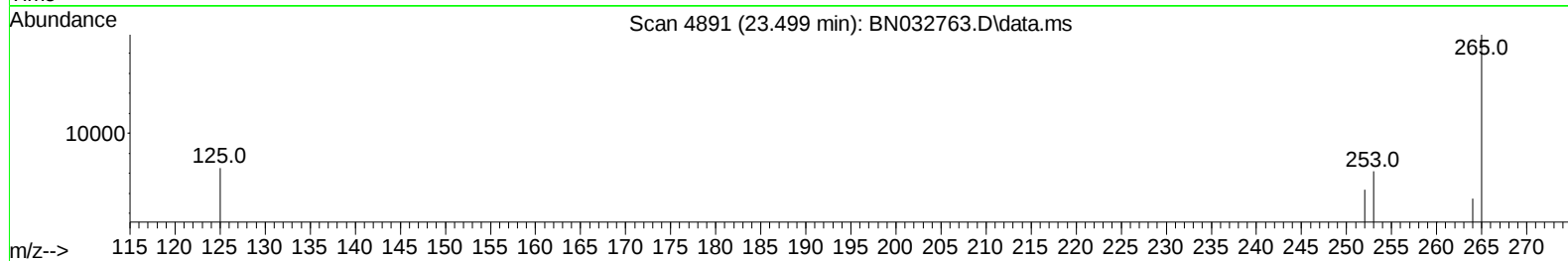
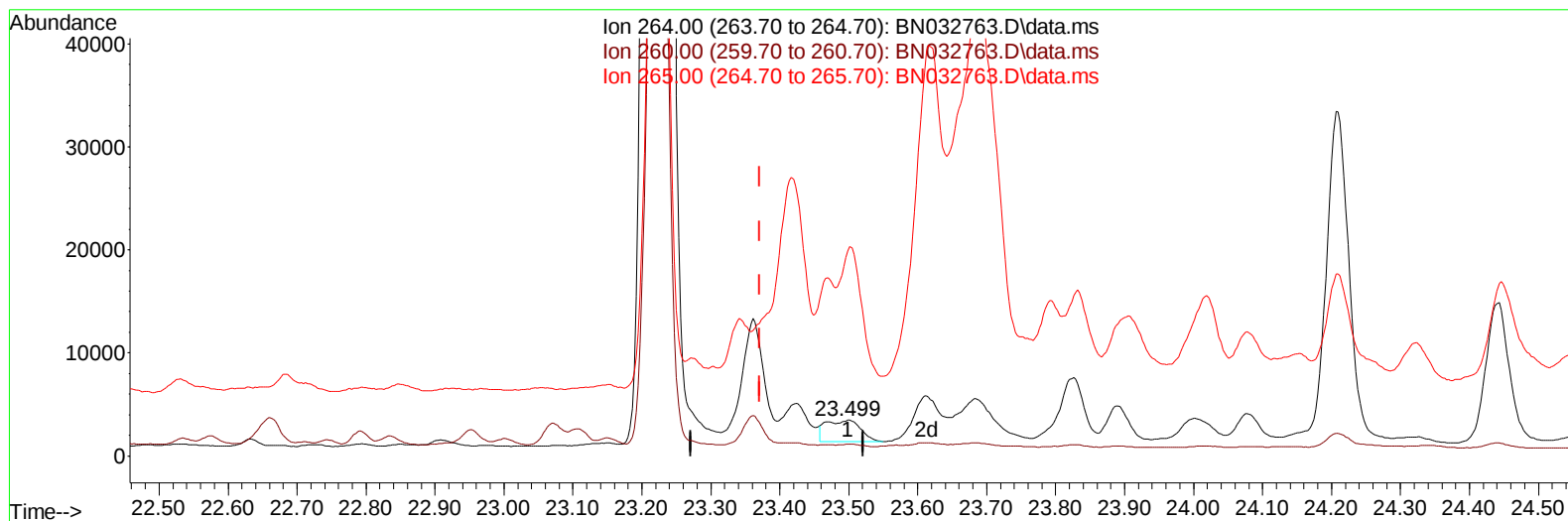
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(23) Perylene-d12 (I)

23.499min (+ 0.127) 0.40 ng/u1

response 7059

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.48#
265.00	95.50	569.76#
0.00	0.00	0.00

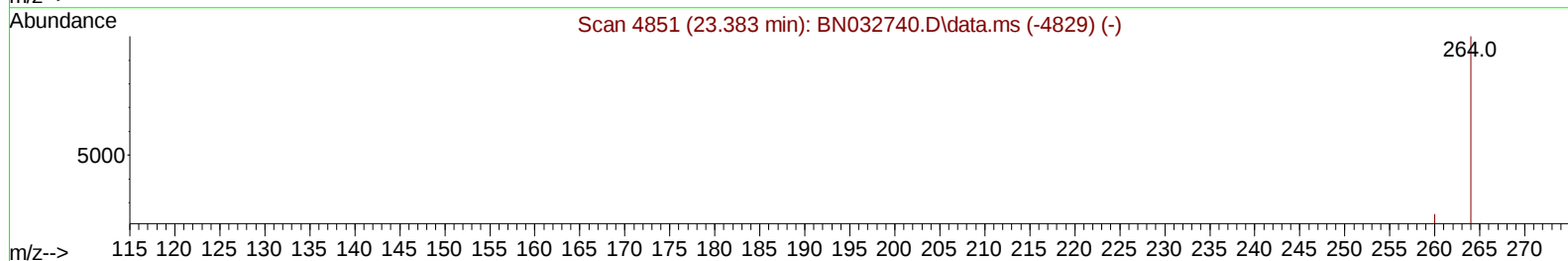
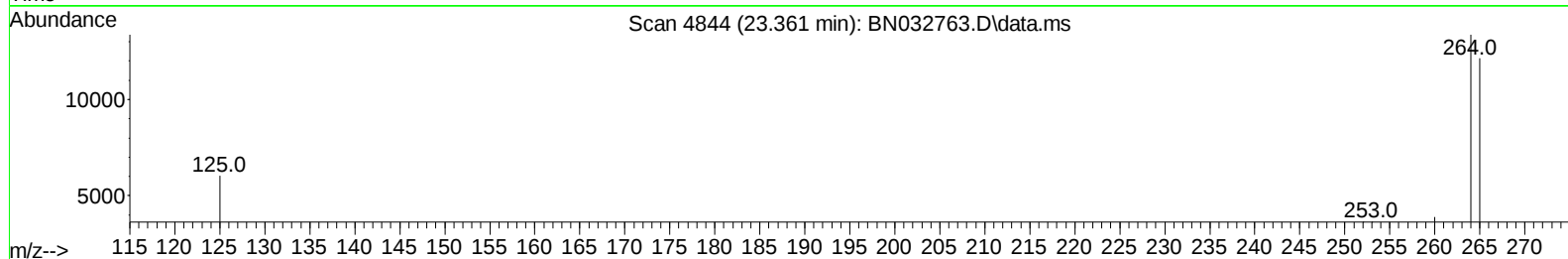
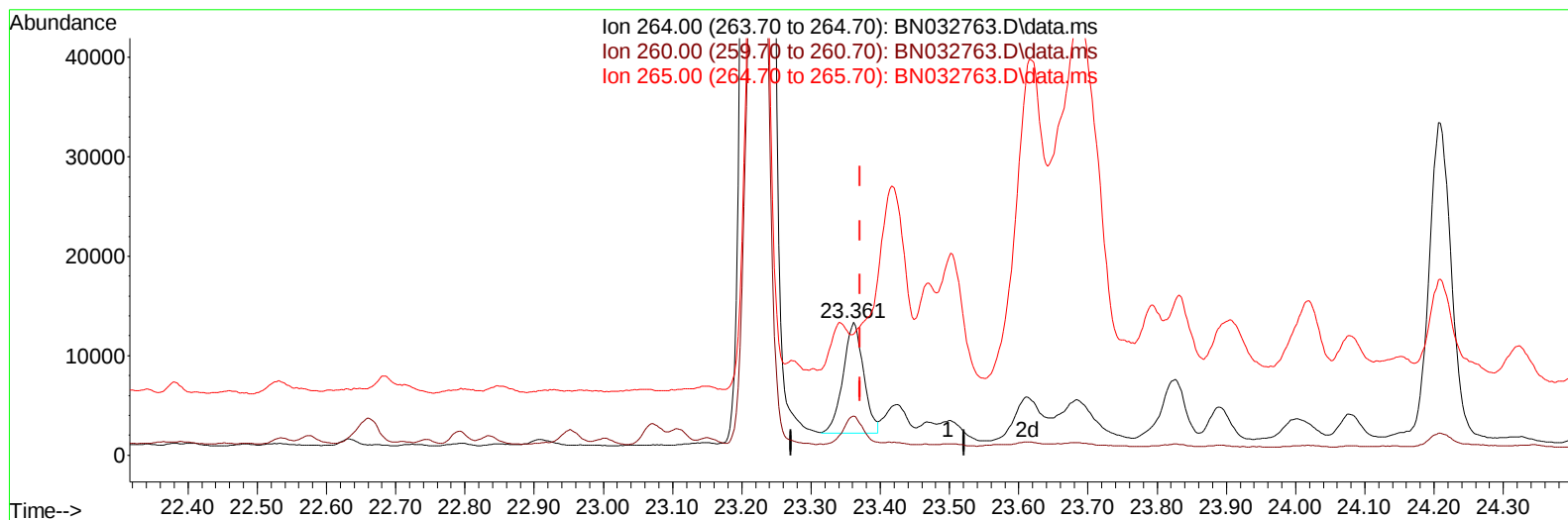
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032763.D\data.ms

(23) Perylene-d12 (I)

23.361min (-0.010) 0.40 ng/ul m

response 22779

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.25
265.00	95.50	90.94
0.00	0.00	0.00

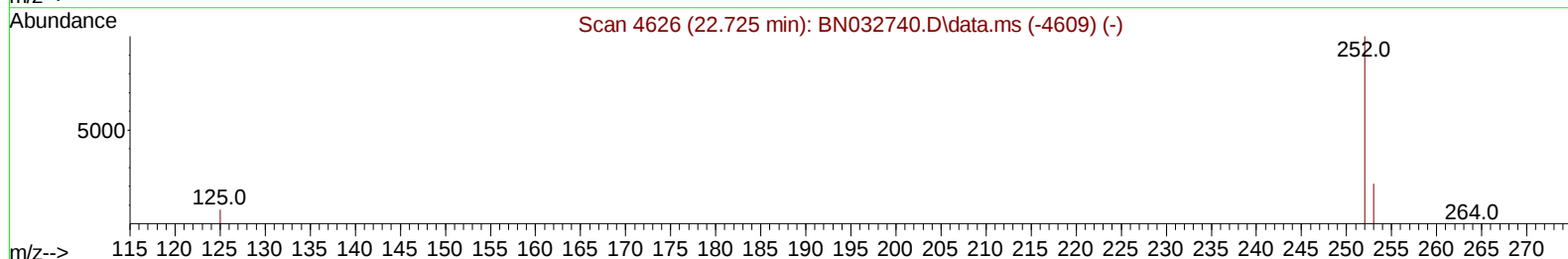
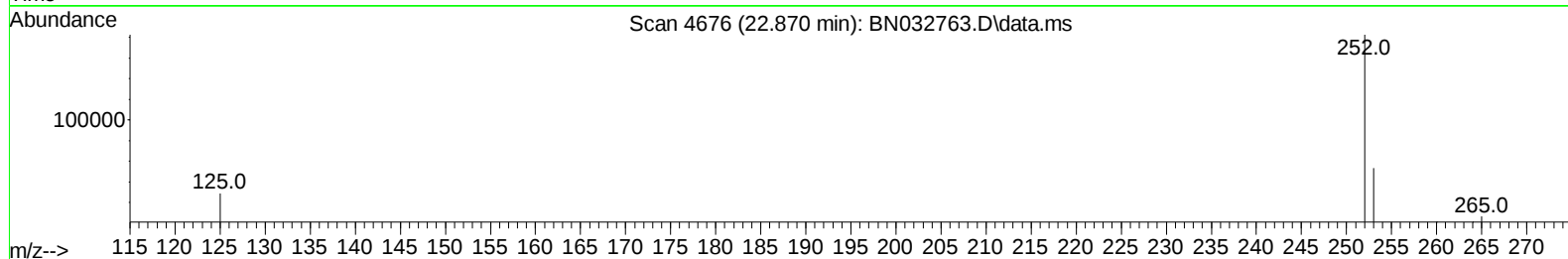
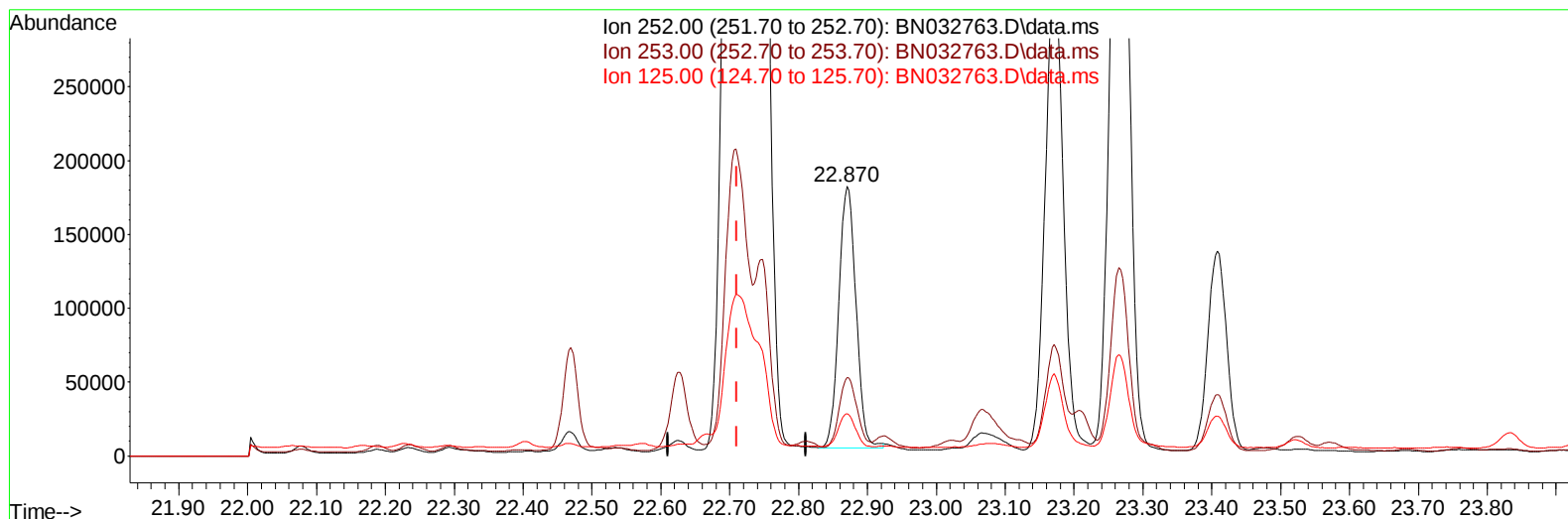
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(24) Benzo(b)fluoranthene

22.870min (+ 0.159) 3.82 ng/u1

response 307023

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.18
125.00	18.00	15.80
0.00	0.00	0.00

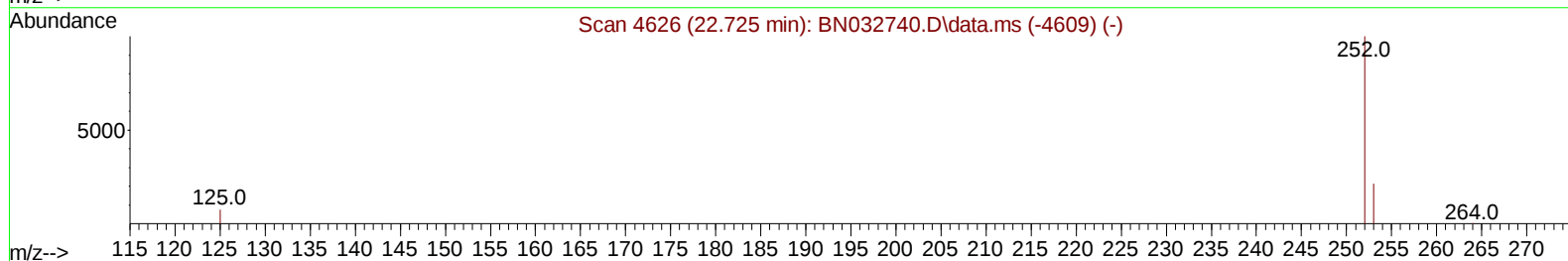
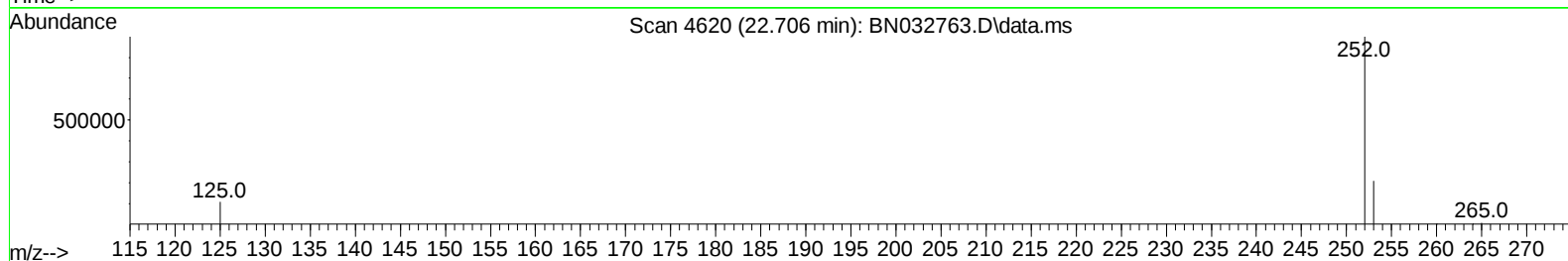
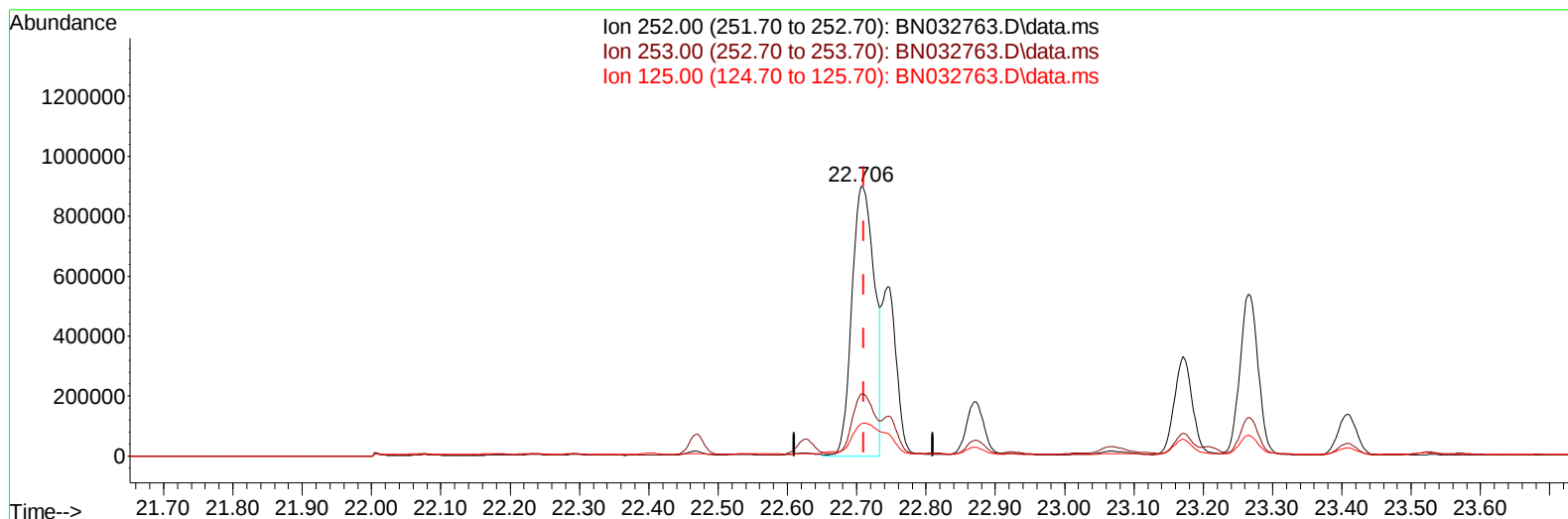
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032763.D
 Acq On : 17 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3100-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

(24) Benzo(b)fluoranthene

22.706min (-0.004) 25.18 ng/ul m

response 2024170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.05
125.00	18.00	11.85
0.00	0.00	0.00

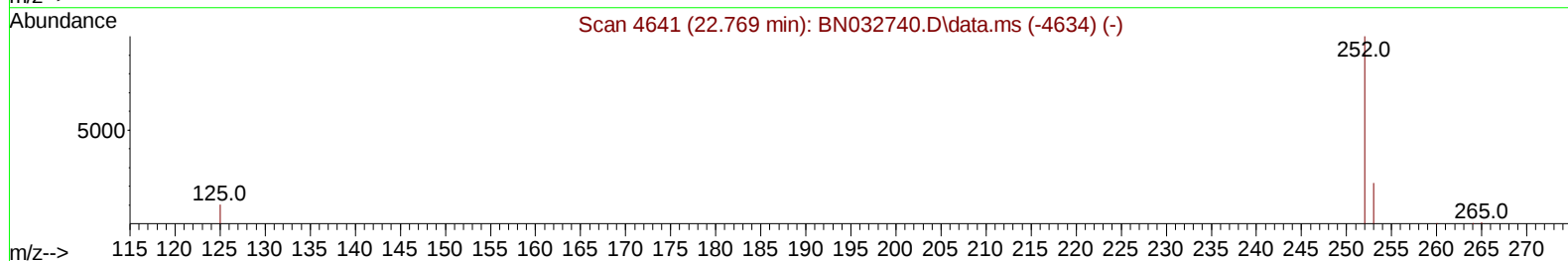
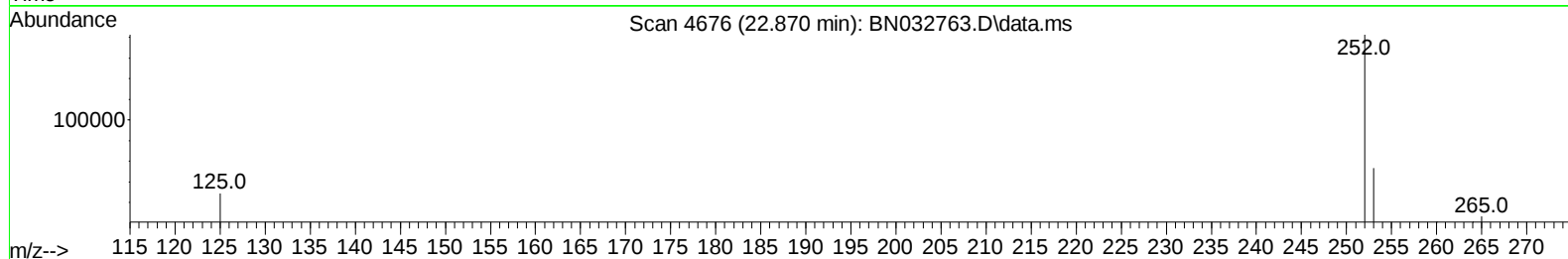
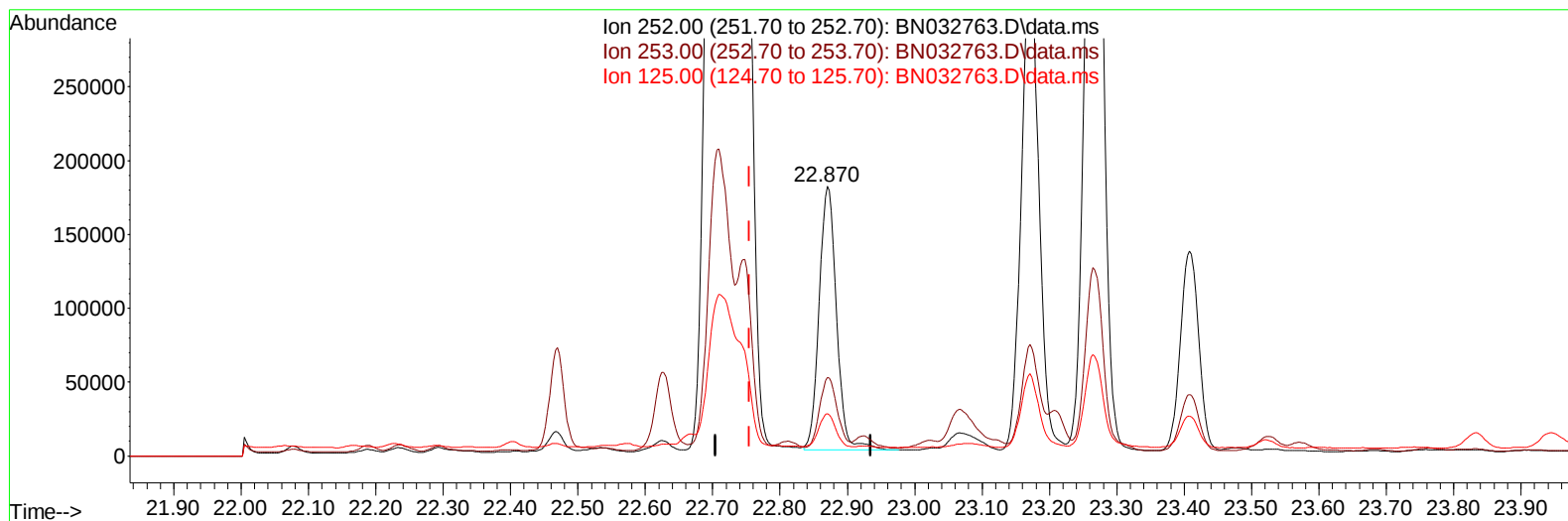
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032763.D
 Acq On : 17 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3100-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
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 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(25) Benzo(k)fluoranthene

22.870min (+ 0.116) 3.26 ng/u1

response 319349

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	29.18
125.00	18.50	15.80
0.00	0.00	0.00

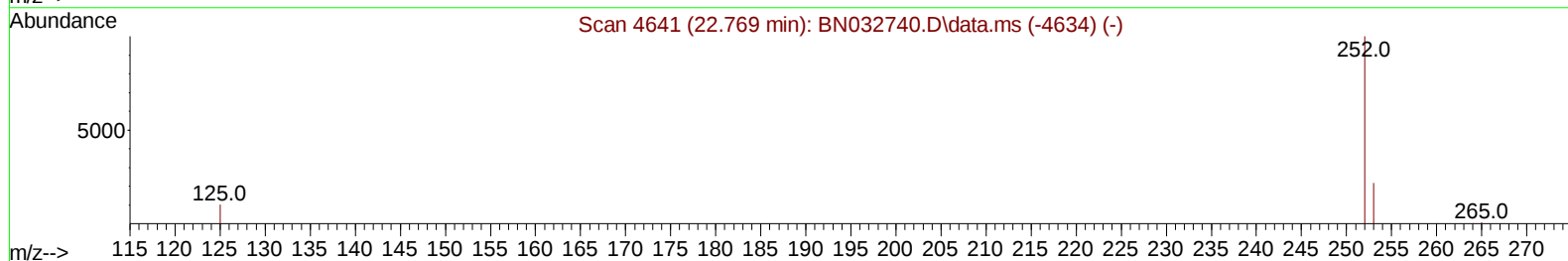
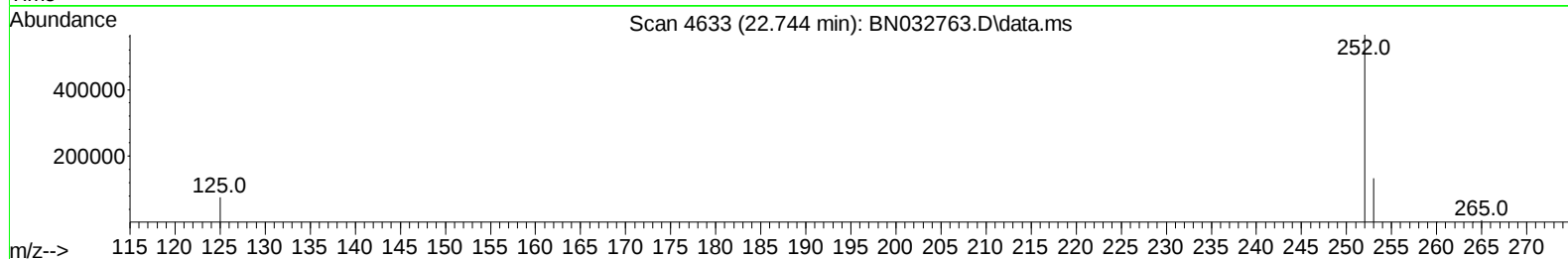
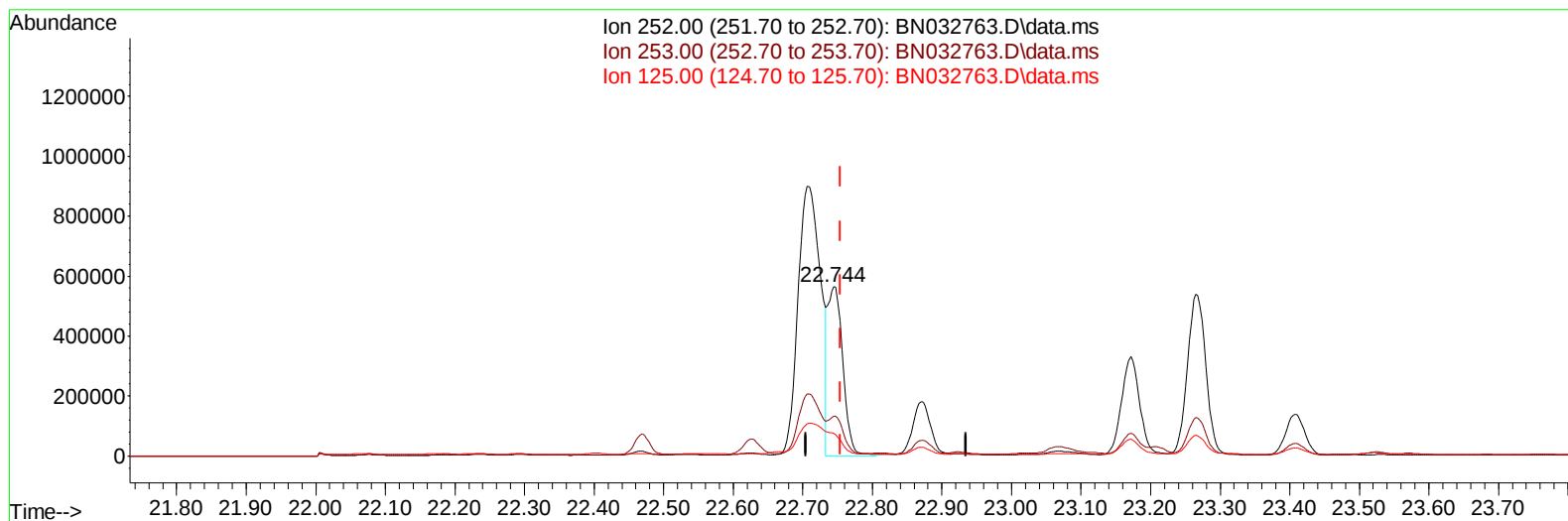
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(25) Benzo(k)fluoranthene

22.744min (-0.010) 8.65 ng/u1 m

response 847238

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.48
125.00	18.50	13.23#
0.00	0.00	0.00

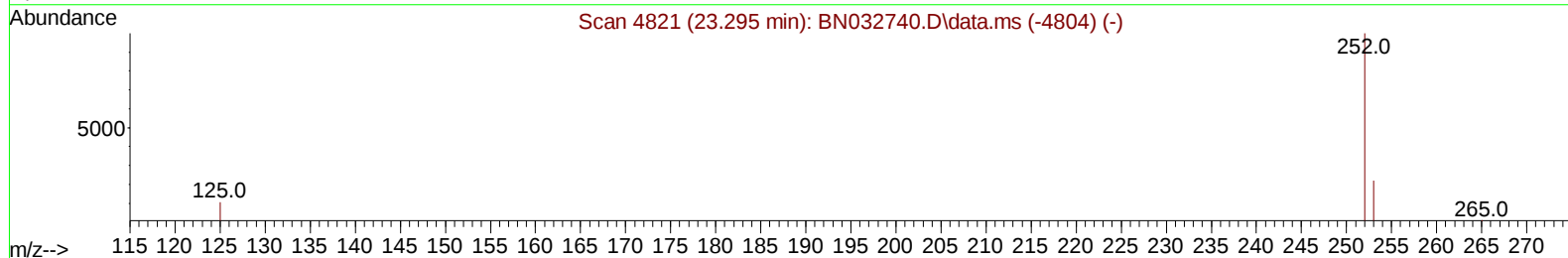
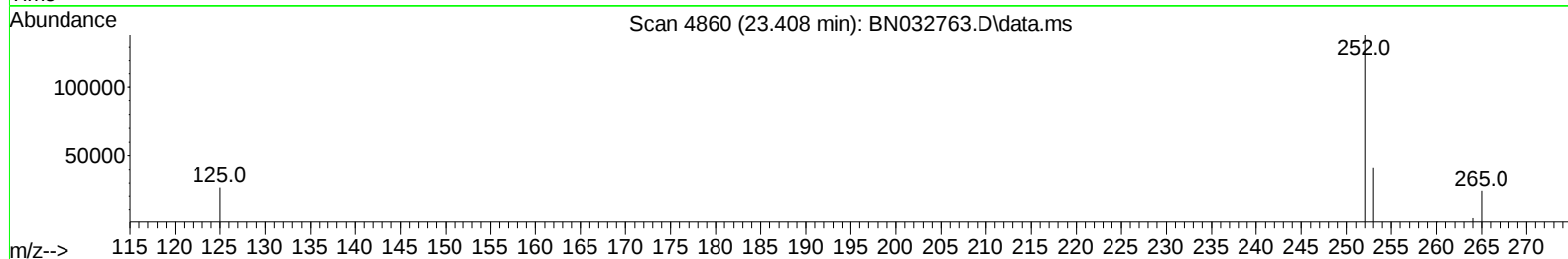
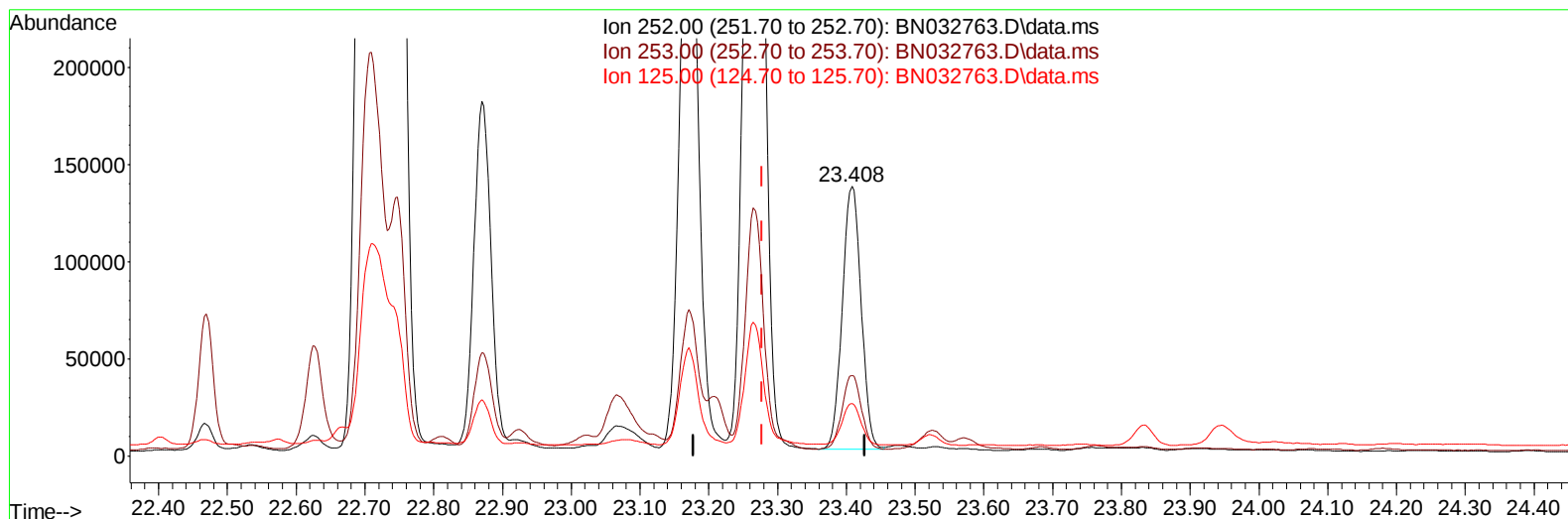
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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: BN032763.D\data.ms

(26) Benzo(a)pyrene (C)

23.408min (+ 0.130) 3.69 ng/u1

response 256591

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	29.92
125.00	25.70	19.53#
0.00	0.00	0.00

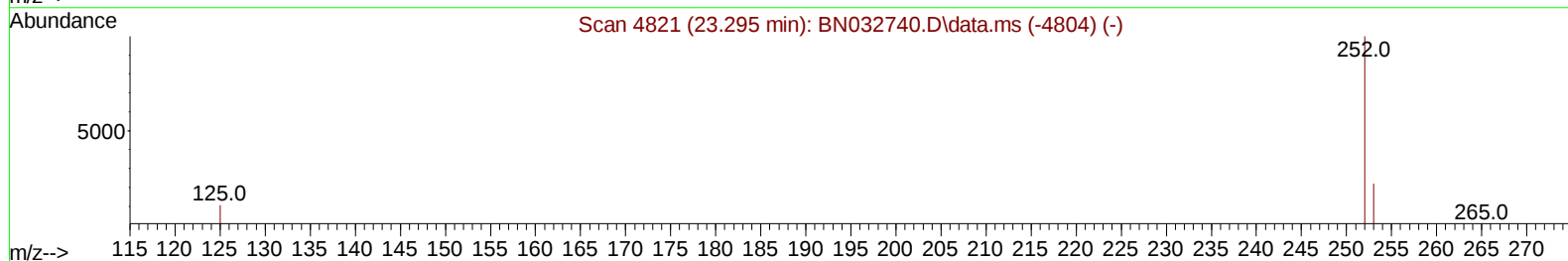
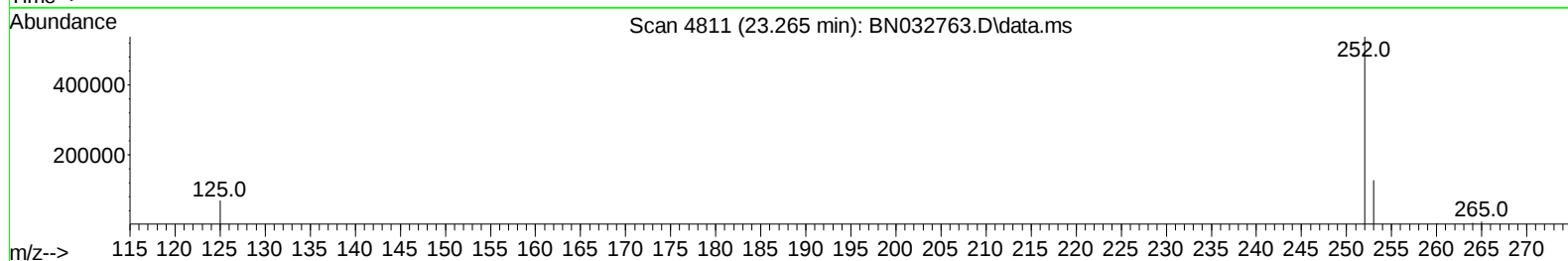
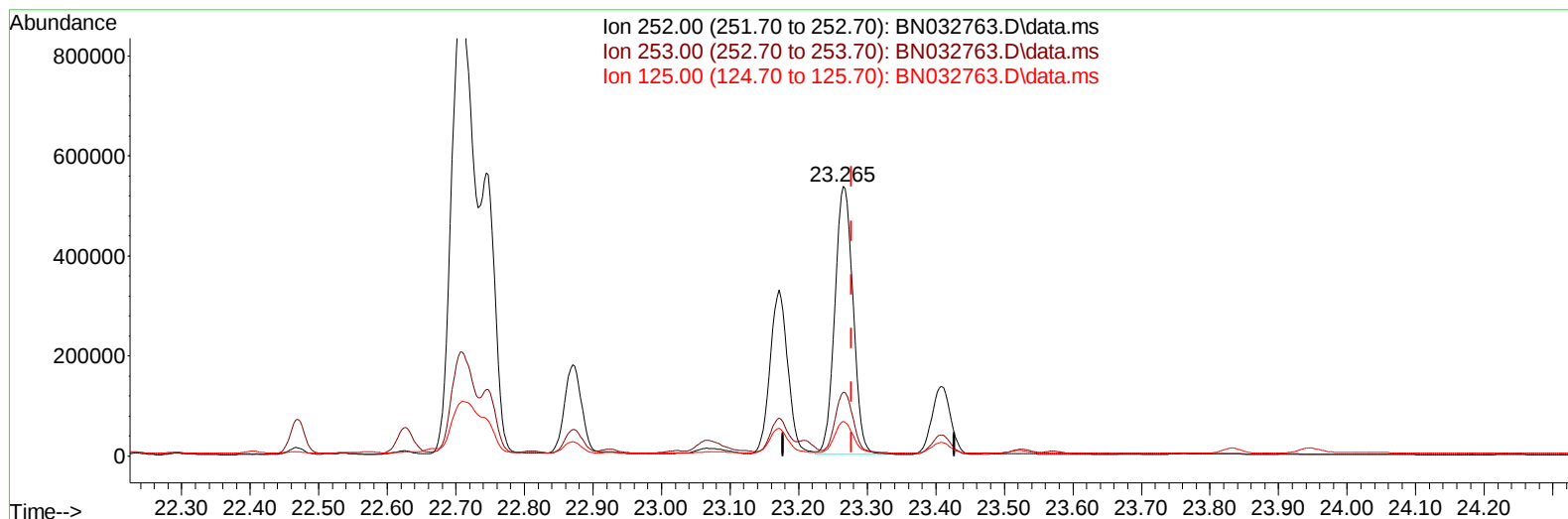
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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: BN032763.D\data.ms

(26) Benzo(a)pyrene (C)

23.265min (-0.013) 14.24 ng/ul m

response 990112

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.72#
125.00	25.70	12.77#
0.00	0.00	0.00

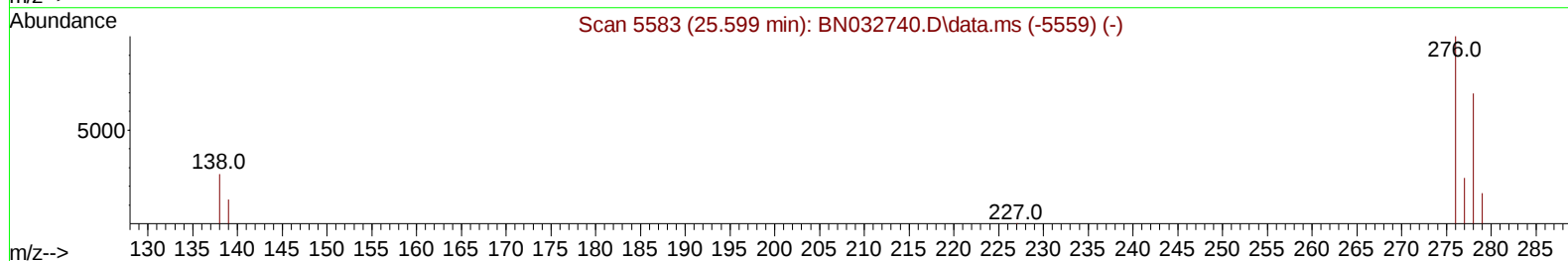
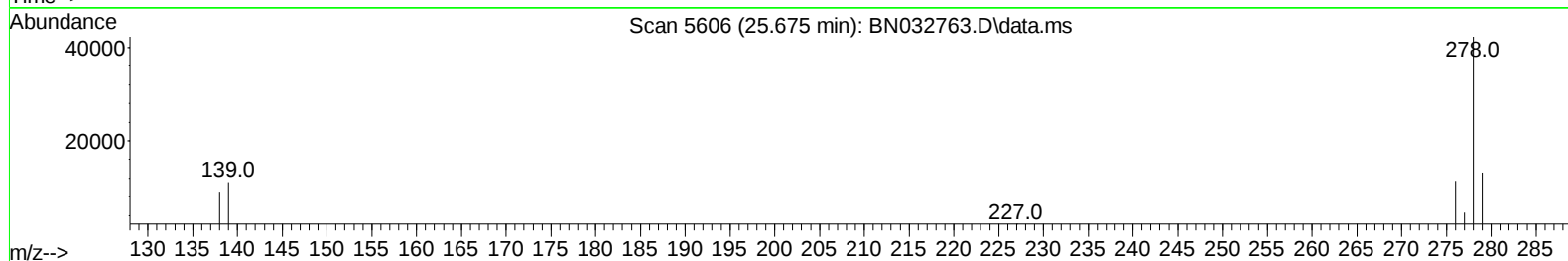
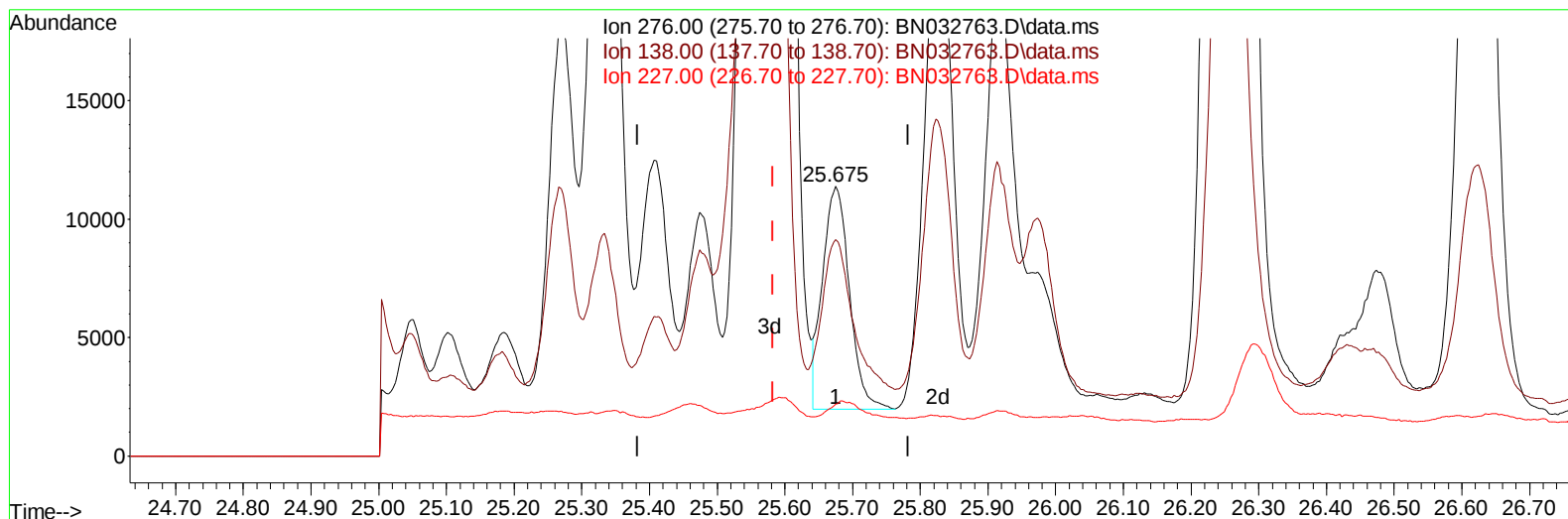
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : 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: BN032763.D\data.ms

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

25.675min (+ 0.093) 0.27 ng/u1

response 25797

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	74.94#
227.00	0.00	9.33#
0.00	0.00	0.00

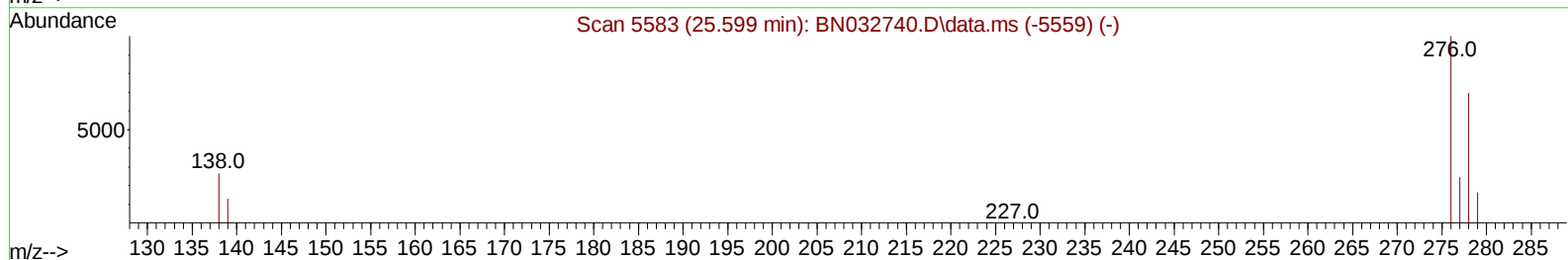
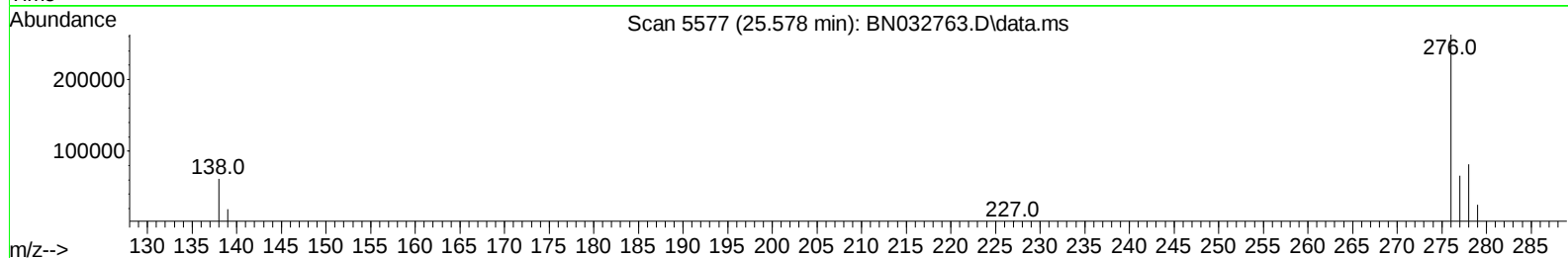
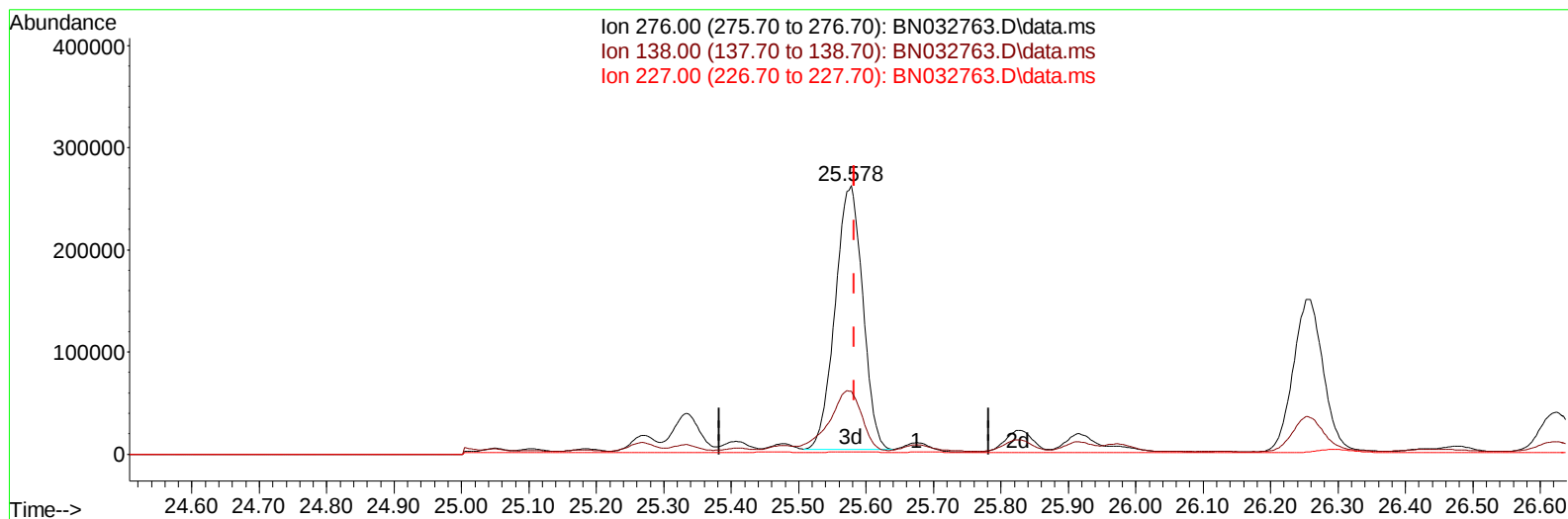
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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TIC: BN032763.D\data.ms

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

25.578min (-0.005) 7.78 ng/u1 m

response 732490

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	2.64#
227.00	0.00	0.33#
0.00	0.00	0.00

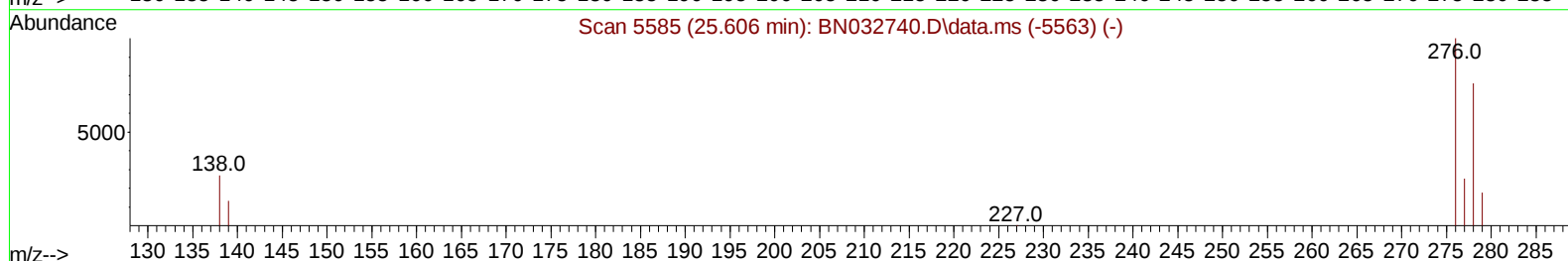
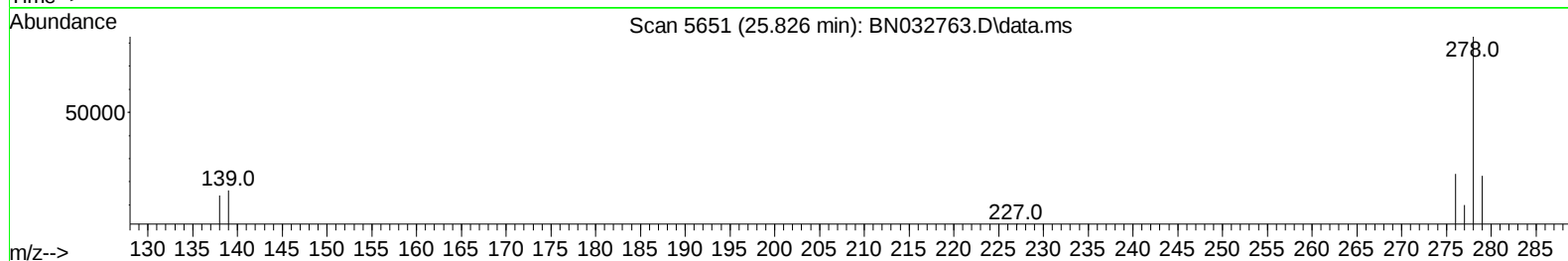
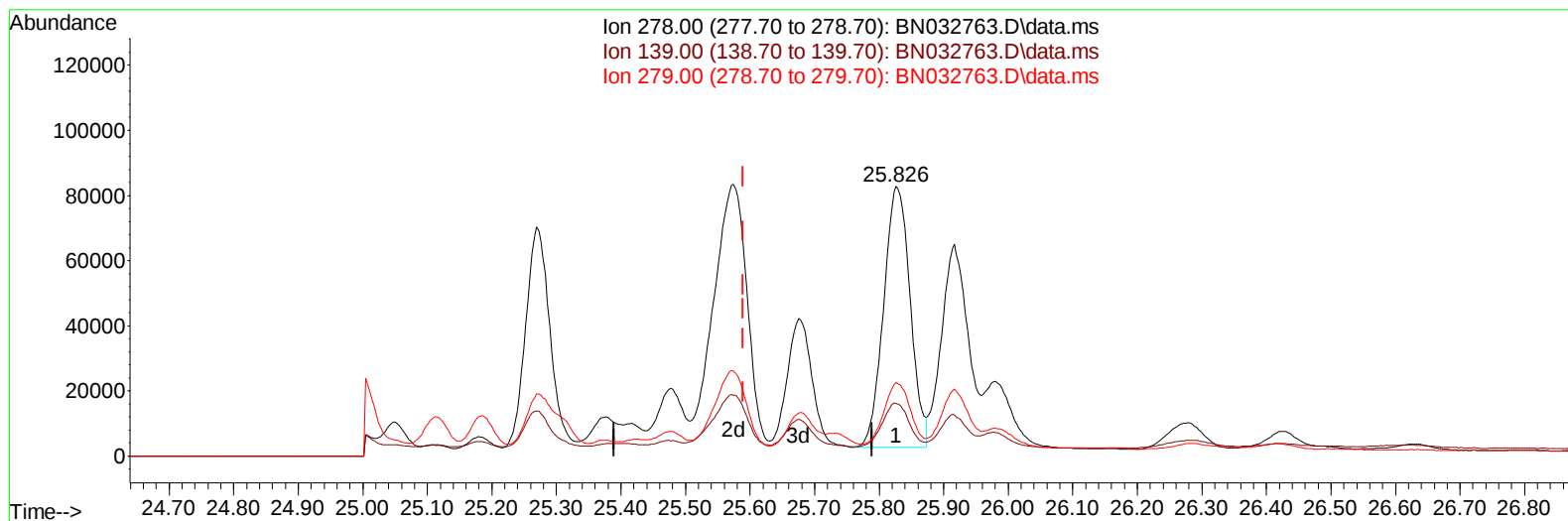
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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TIC: BN032763.D\data.ms

(28) Dibenzo(a,h)anthracene

25.826min (+ 0.237) 3.14 ng/u1

response 229375

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	19.58
279.00	29.60	27.37
0.00	0.00	0.00

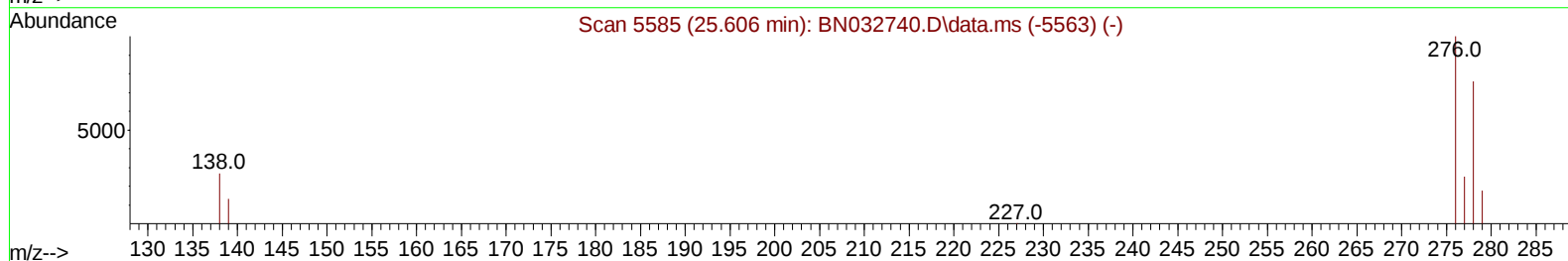
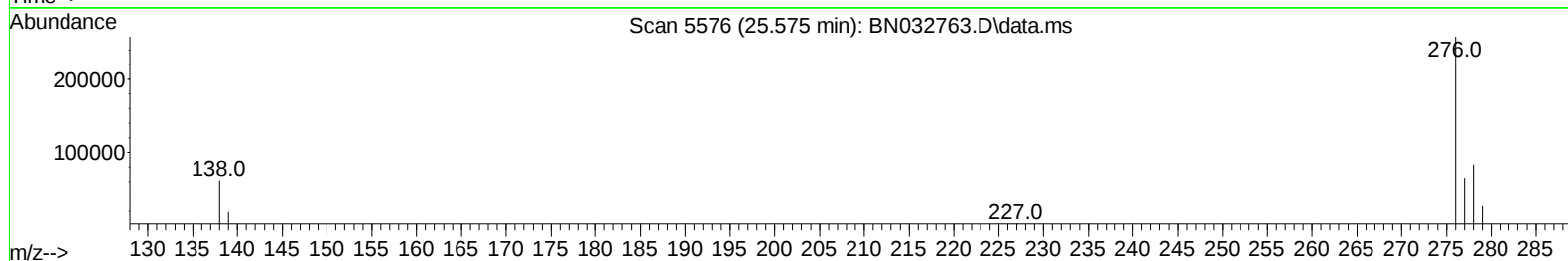
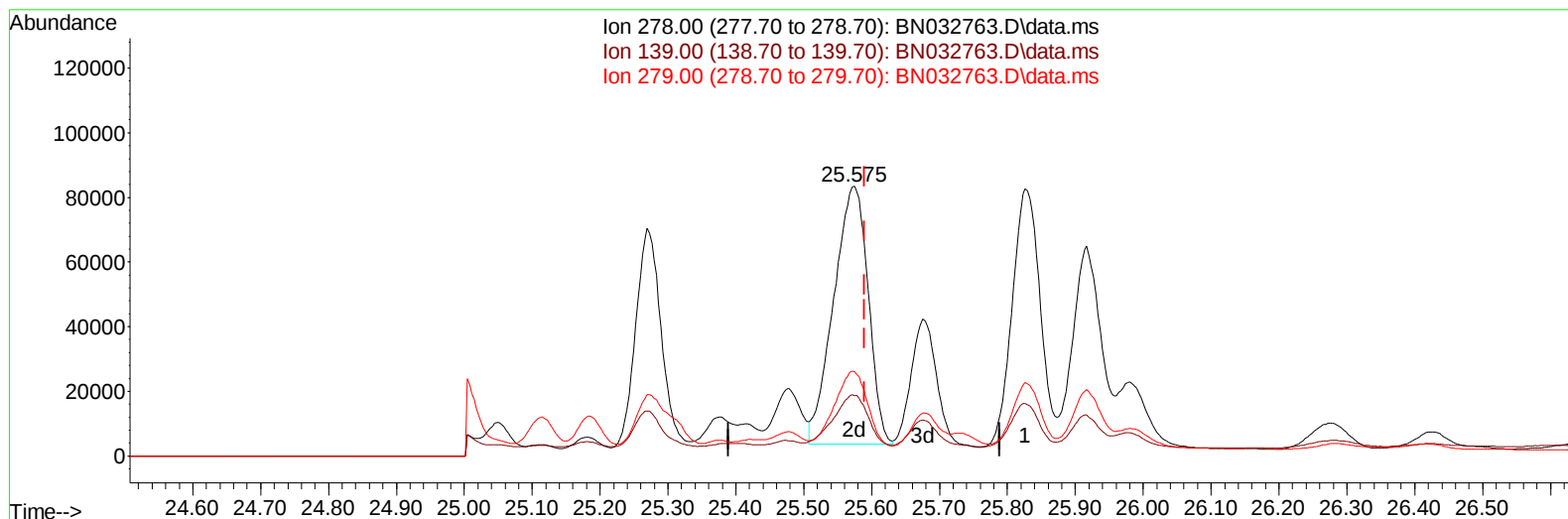
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032763.D
 Acq On : 17 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3100-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032763.D\data.ms

(28) Dibenzo(a,h)anthracene

25.575min (-0.015) 3.86 ng/ul m

response 282119

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.26
279.00	29.60	31.37
0.00	0.00	0.00

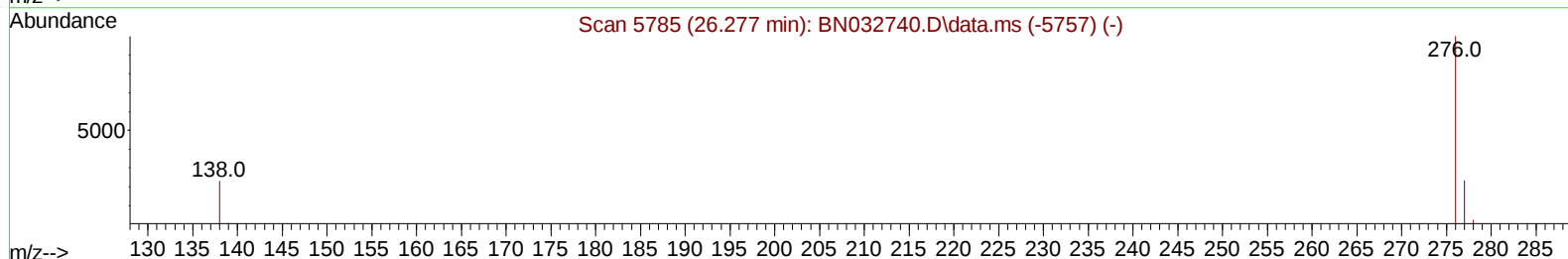
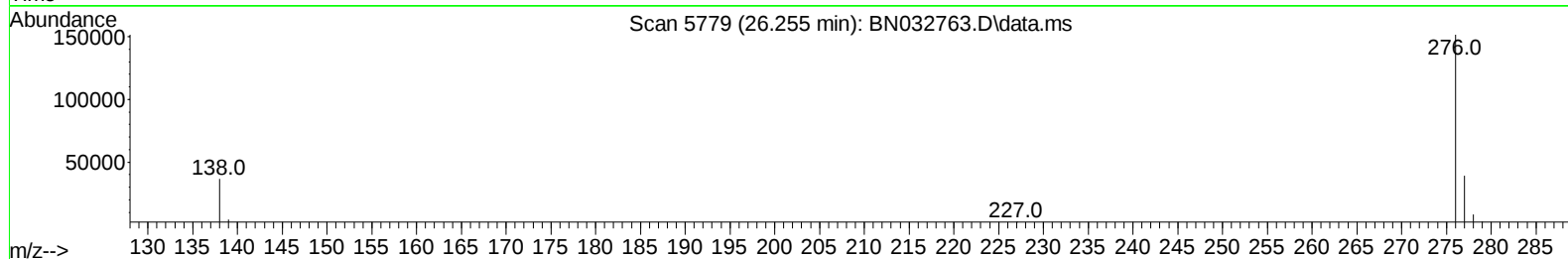
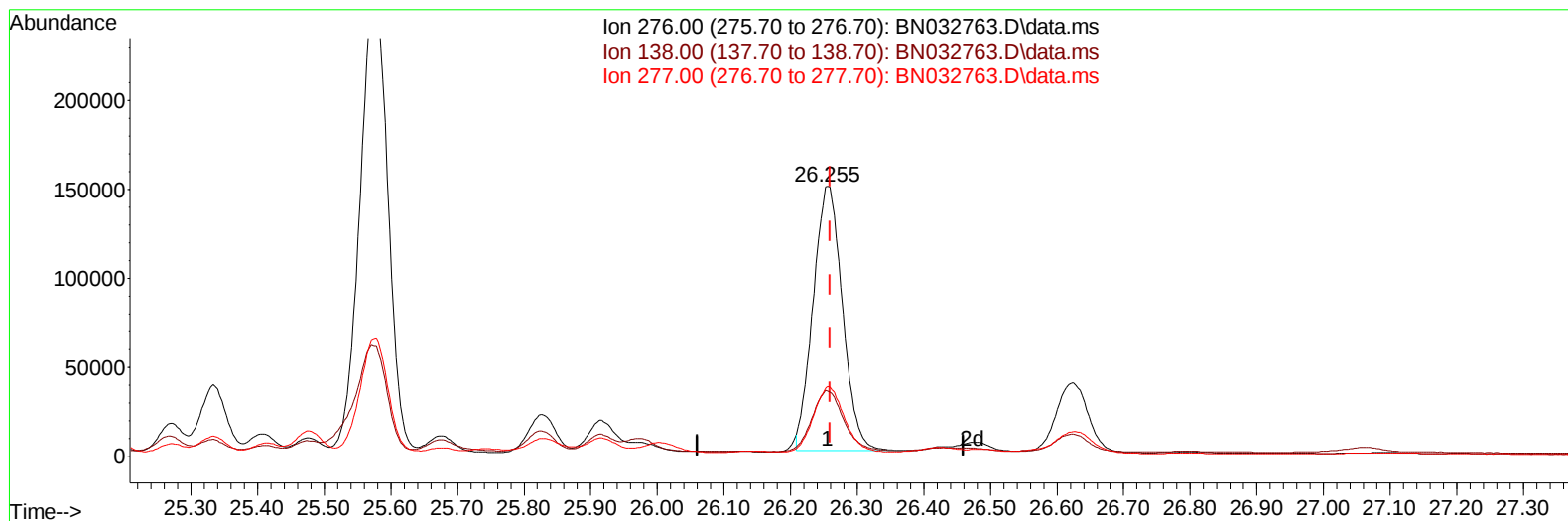
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032763.D
Acq On : 17 Jul 2024 05:09
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D51

Manual IntegrationsAPPROVED

Quant Time: Jul 17 05:41:23 2024
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TIC: BN032763.D\data.ms

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

26.255min (-0.005) 5.77 ng/u1

response 454427

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	24.17
277.00	25.80	25.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032763.D
 Acq On : 17 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3100-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.309	136	13988	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	9621	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	18976m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	14729m	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	22779m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	14424	2.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	4815	0.228	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	12580m	0.262	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	7362	0.196	ng/ul#	94
7) 2-Methylnaphthalene	11.986	142	11878	0.507	ng/ul	96
8) 1-Methylnaphthalene	12.206	142	17356	0.716	ng/ul	99
10) Acenaphthylene	13.914	152	177076	4.556	ng/ul	99
11) Acenaphthene	14.256	153	55197	1.717	ng/ul	98
12) Fluorene	15.251	166	193063	5.254	ng/ul	98
15) Phenanthrene	16.994	178	2146116m	41.527	ng/ul	
16) Anthracene	17.082	178	620780m	14.703	ng/ul	
19) Fluoranthene	19.026	202	3485234m	58.199	ng/ul	
20) Pyrene	19.393	202	2230567m	35.985	ng/ul	
21) Benzo(a)anthracene	21.149	228	1748686m	37.298	ng/ul	
22) Chrysene	21.204	228	1576351m	23.242	ng/ul	
24) Benzo(b)fluoranthene	22.706	252	2024170m	25.185	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	847238m	8.650	ng/ul	
26) Benzo(a)pyrene	23.265	252	990112m	14.235	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.578	276	732490m	7.778	ng/ul	
28) Dibenzo(a,h)anthracene	25.575	278	282119m	3.865	ng/ul	
29) Benzo(g,h,i)perylene	26.255	276	479664m	6.094	ng/ul	

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

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Operator : MA/JU
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Misc :
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Instrument :
BNA_N
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A4D51

Manual IntegrationsAPPROVED

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