

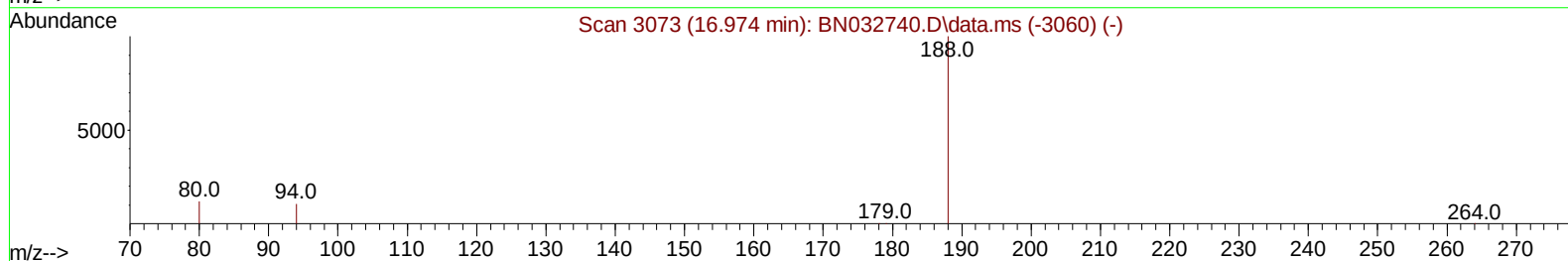
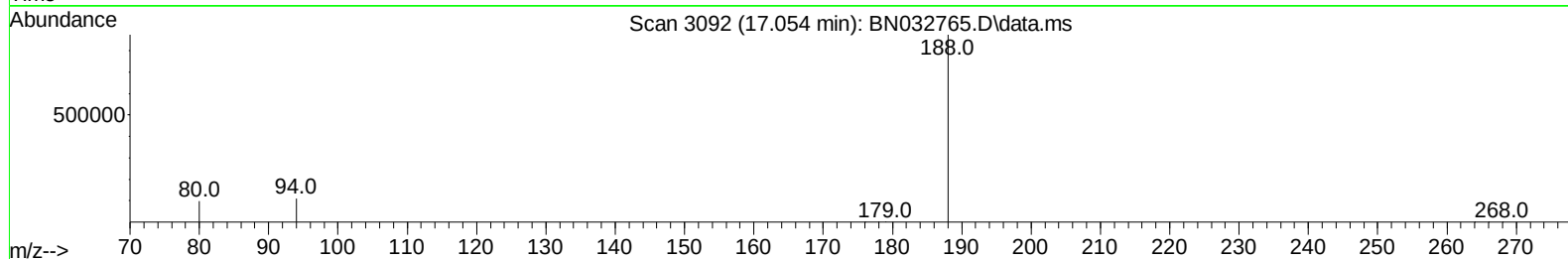
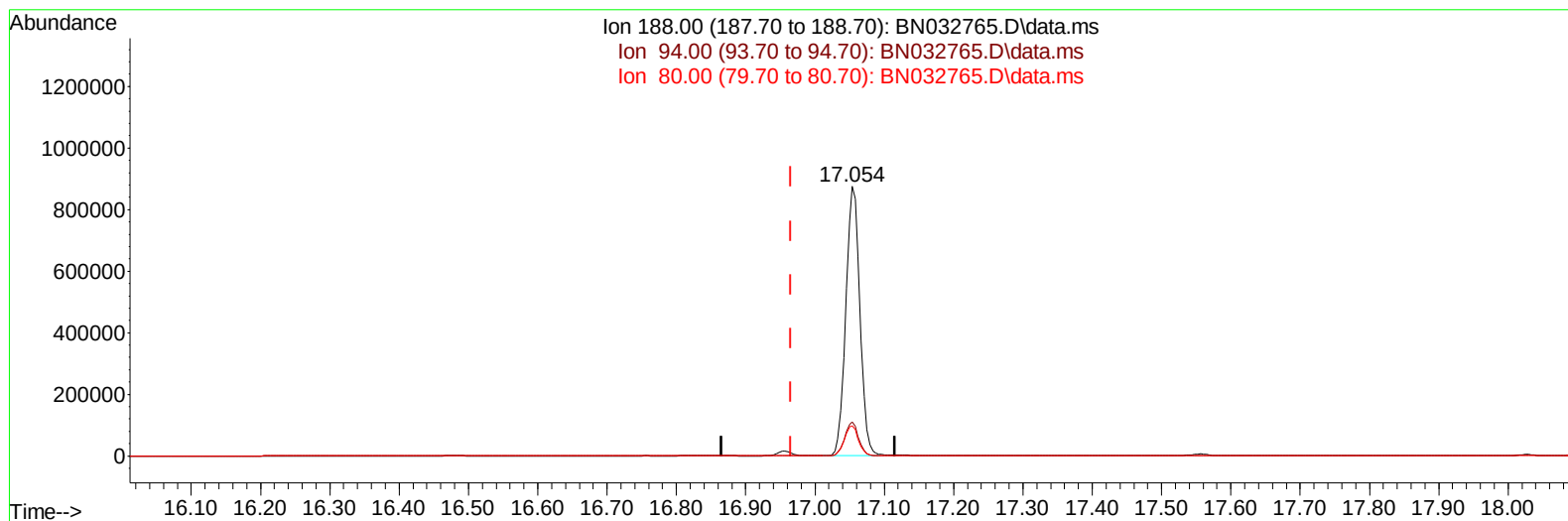
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(13) Phenanthrene-d10 (I)

17.054min (+ 0.088) 0.40 ng/u1

response 1246548

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.61
80.00	12.00	11.26
0.00	0.00	0.00

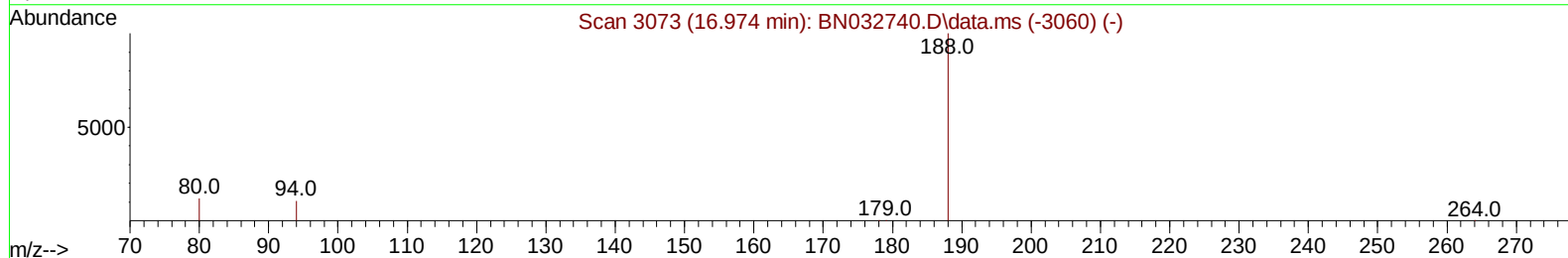
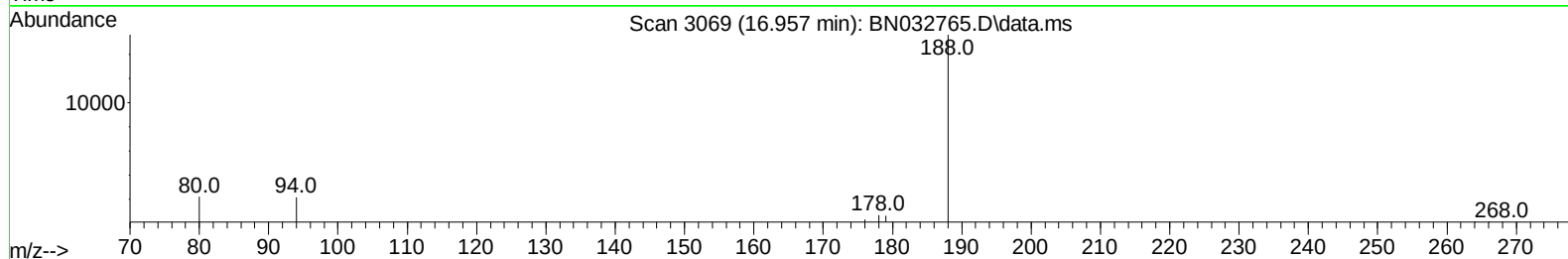
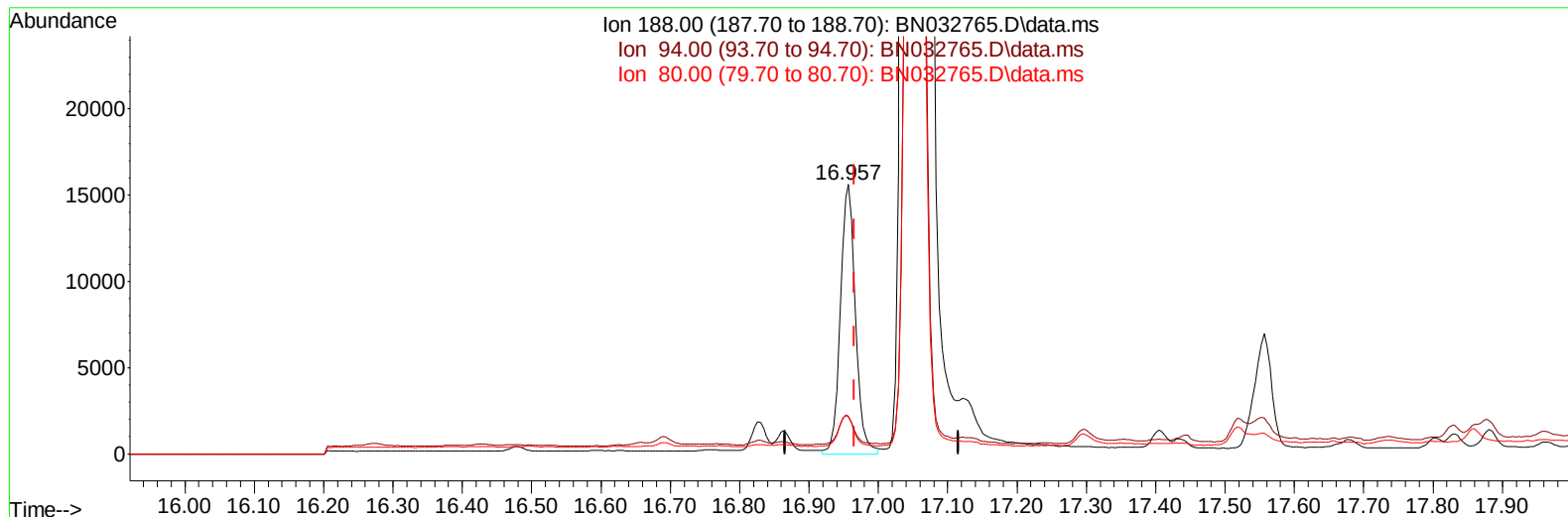
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.009) 0.40 ng/ul m

response 23456

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.85#
80.00	12.00	14.10
0.00	0.00	0.00

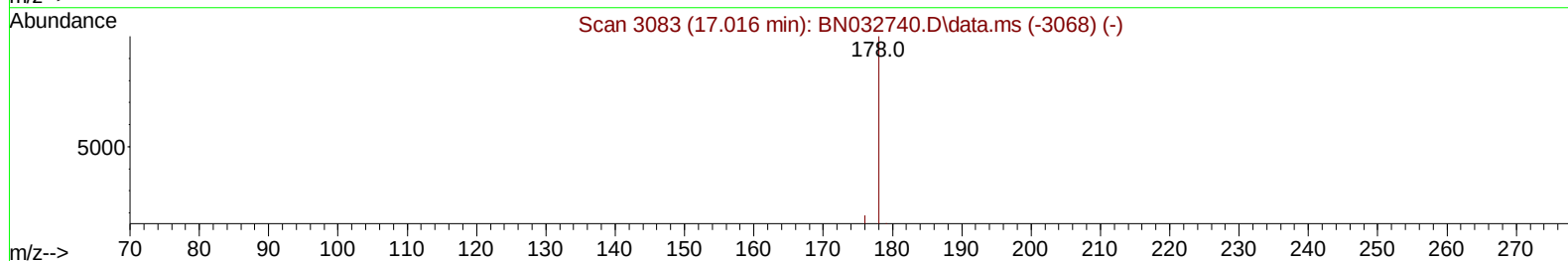
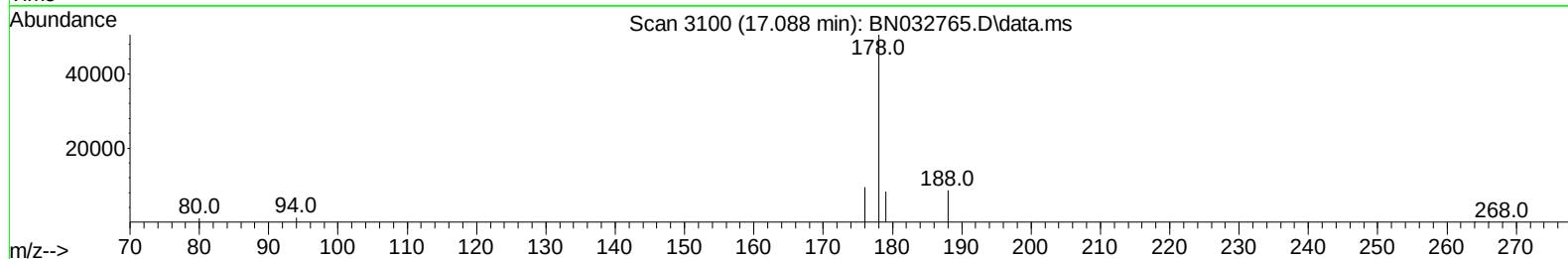
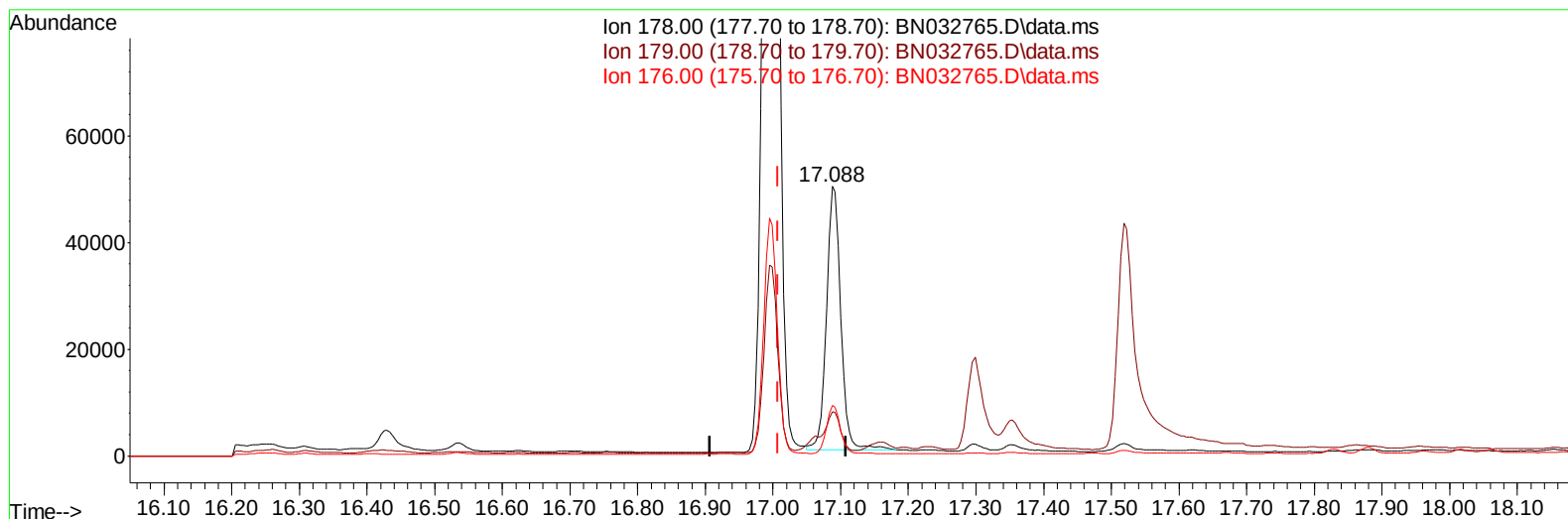
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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TIC: BN032765.D\data.ms

(15) Phenanthrene

17.088min (+ 0.080) 1.13 ng/u1

response 72205

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.50
176.00	19.50	18.86
0.00	0.00	0.00

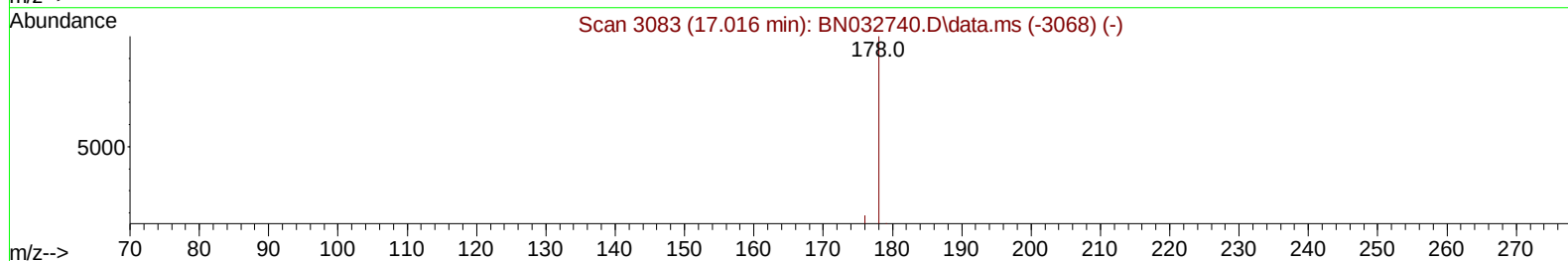
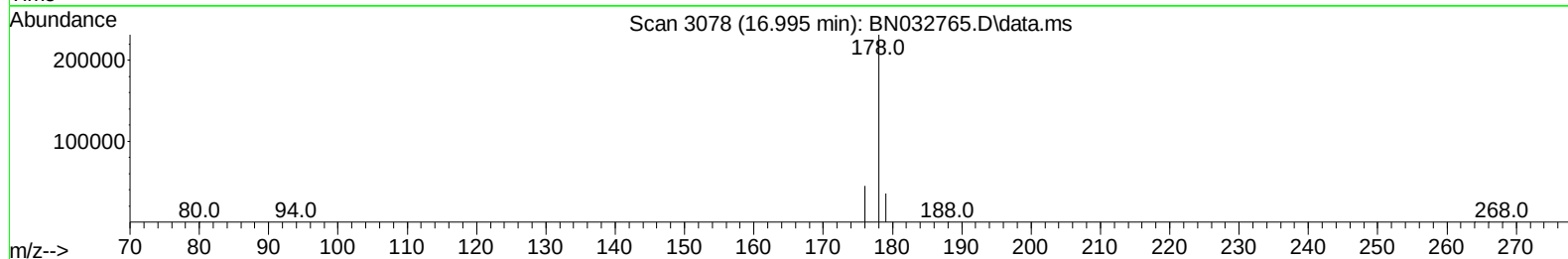
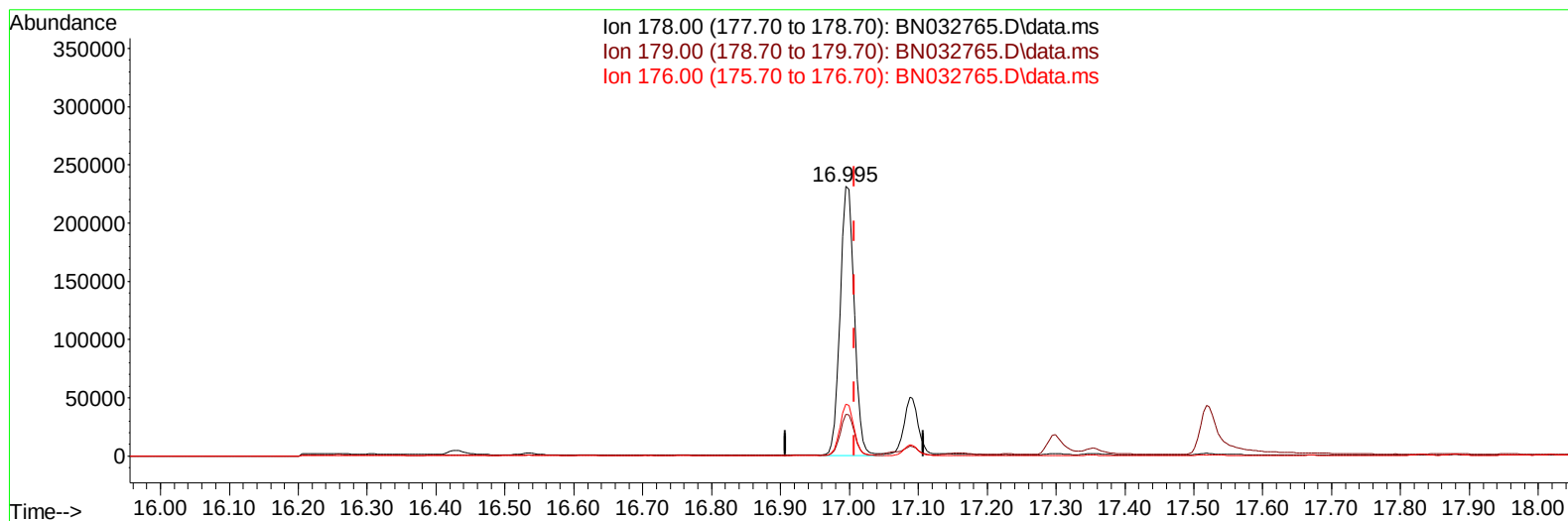
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:48:53 2024
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Response via : Initial Calibration



TIC: BN032765.D\data.ms

(15) Phenanthrene

16.995min (-0.013) 5.16 ng/ul m

response 329445

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.45
176.00	19.50	19.27
0.00	0.00	0.00

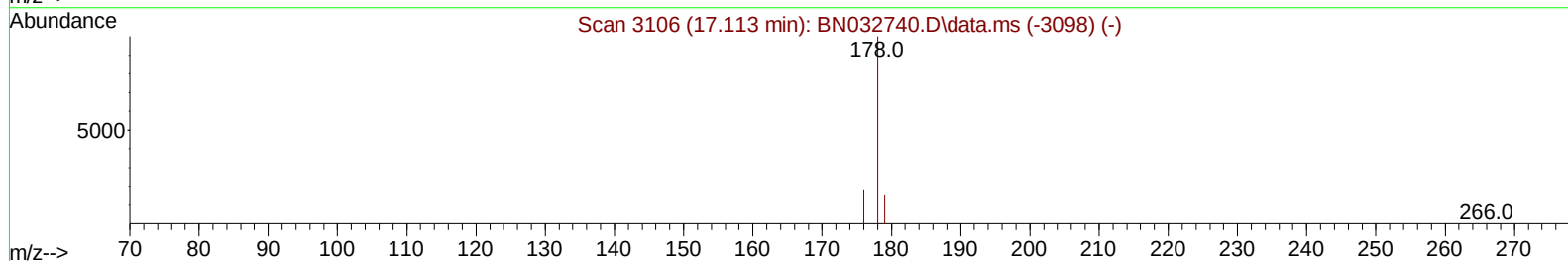
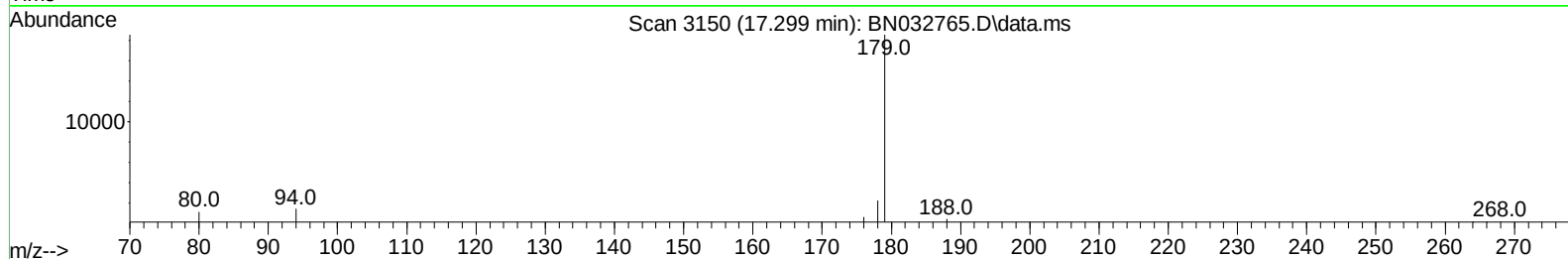
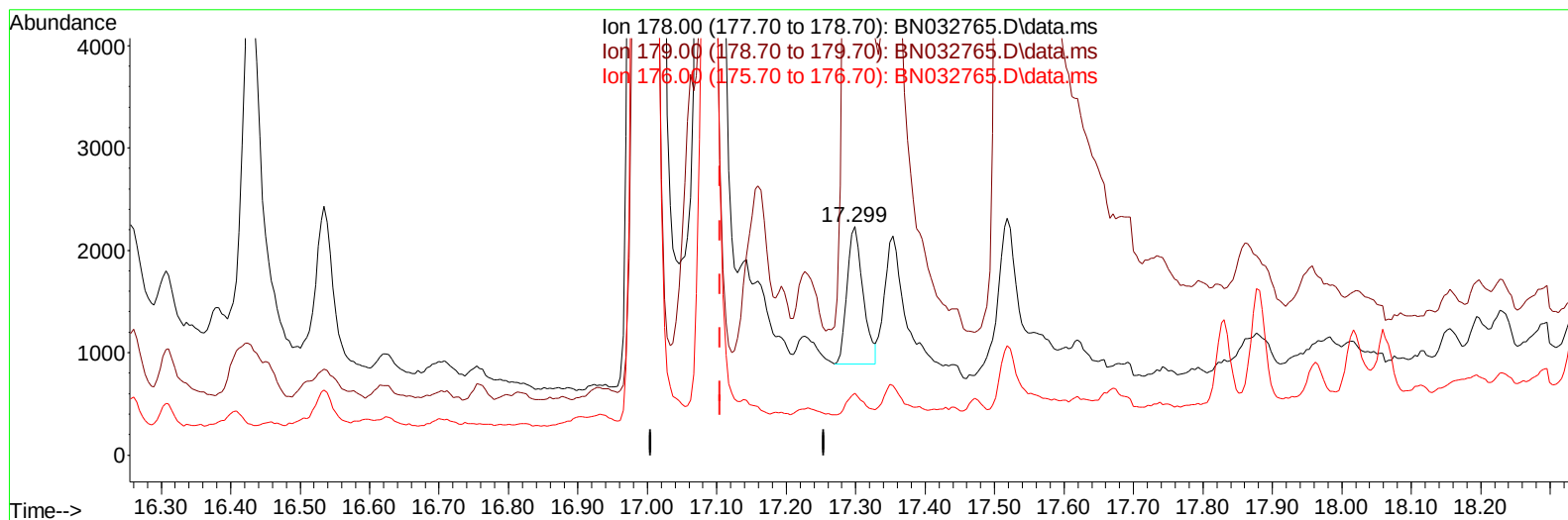
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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TIC: BN032765.D\data.ms

(16) Anthracene

17.299min (+ 0.194) 0.04 ng/u1

response 2148

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	831.21#
176.00	19.20	27.13#
0.00	0.00	0.00

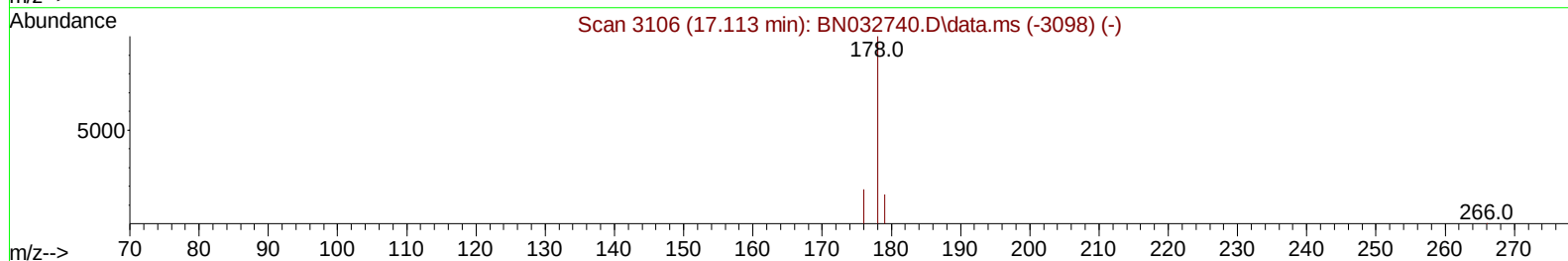
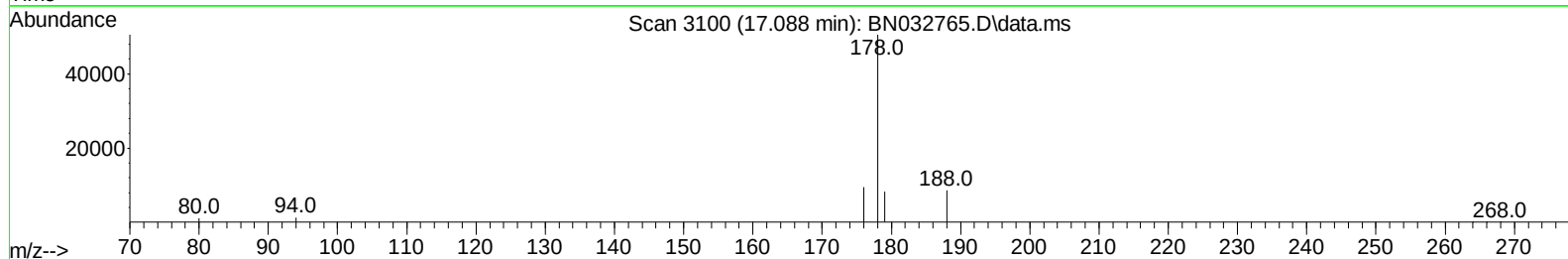
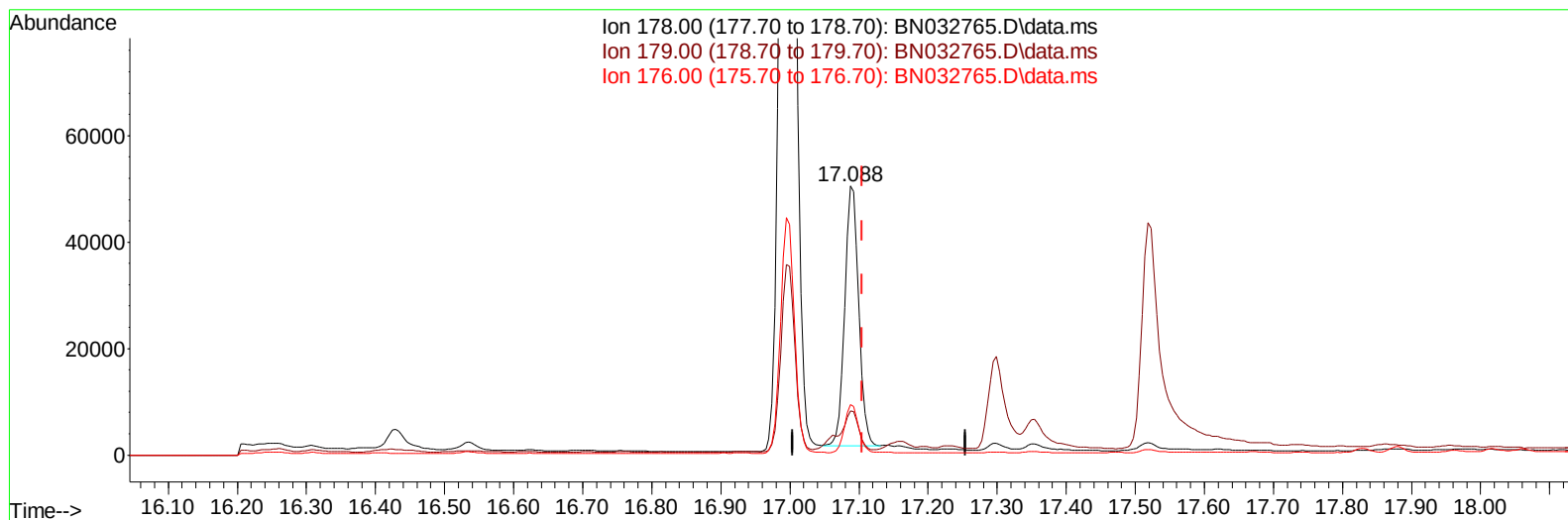
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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
Response via : Initial Calibration

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



TIC: BN032765.D\data.ms

(16) Anthracene

17.088min (-0.017) 1.31 ng/ul m

response 68322

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.50
176.00	19.20	18.86
0.00	0.00	0.00

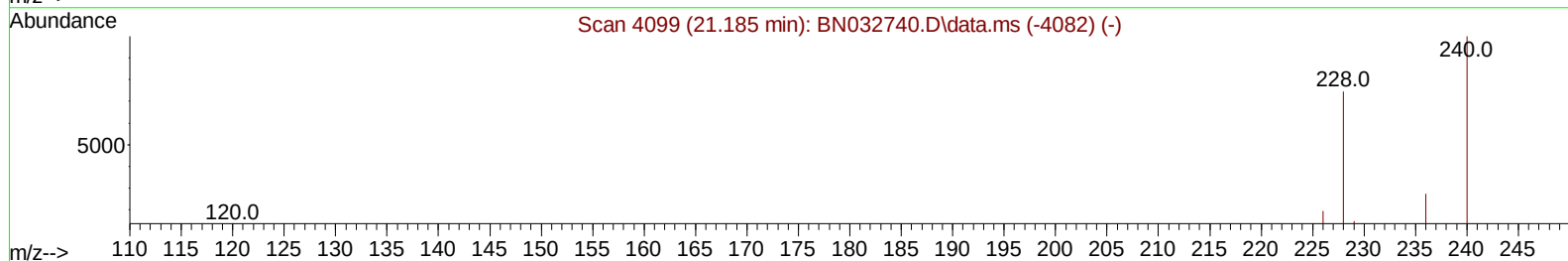
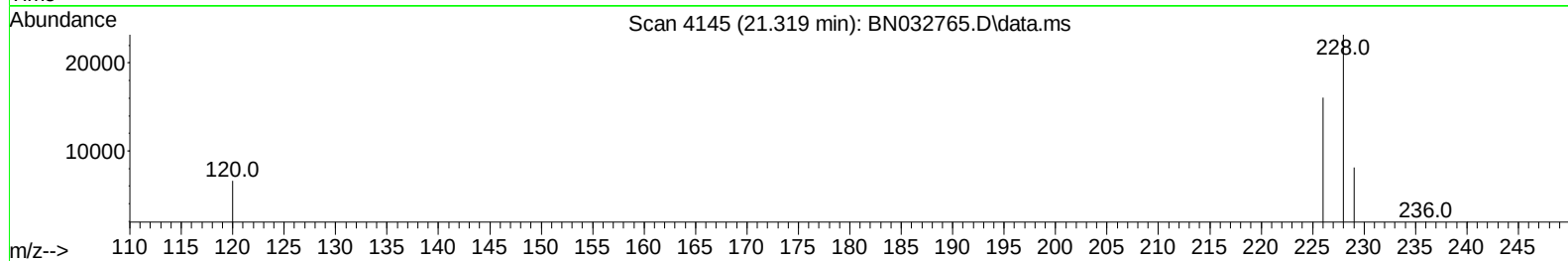
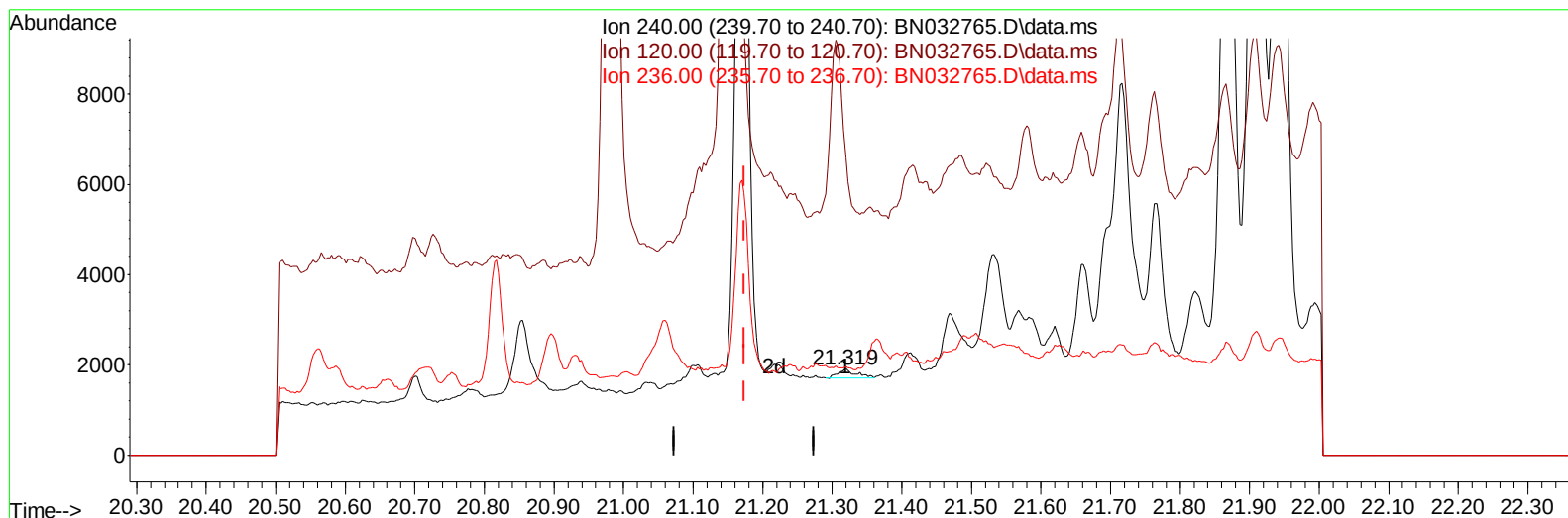
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
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TIC: BN032765.D\data.ms

(17) Chrysene-d12

21.319min (+ 0.146) 0.40 ng/u1

response 360

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	344.22#
236.00	28.40	102.40#
0.00	0.00	0.00

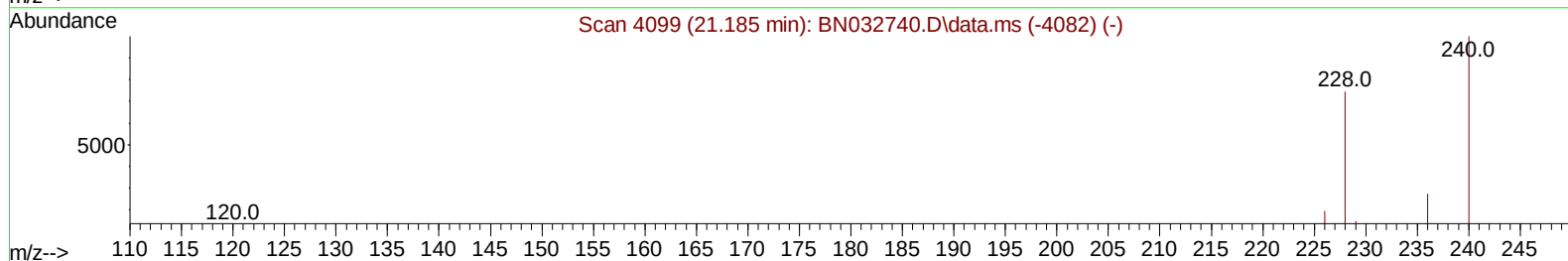
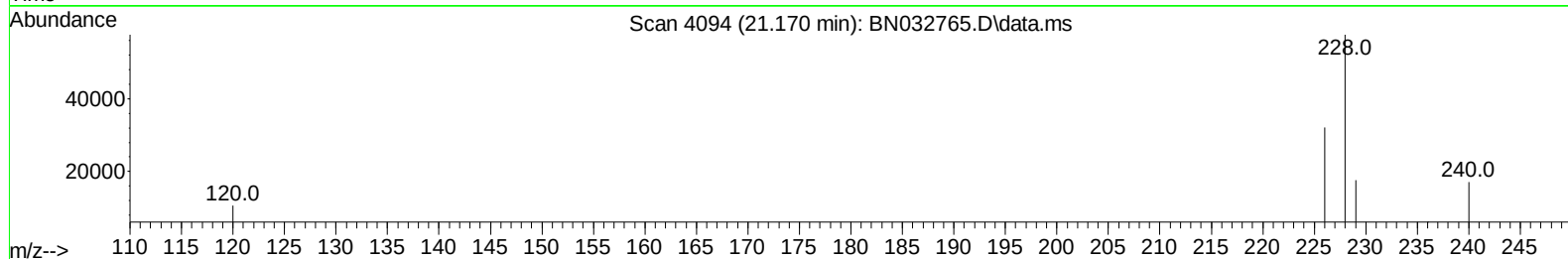
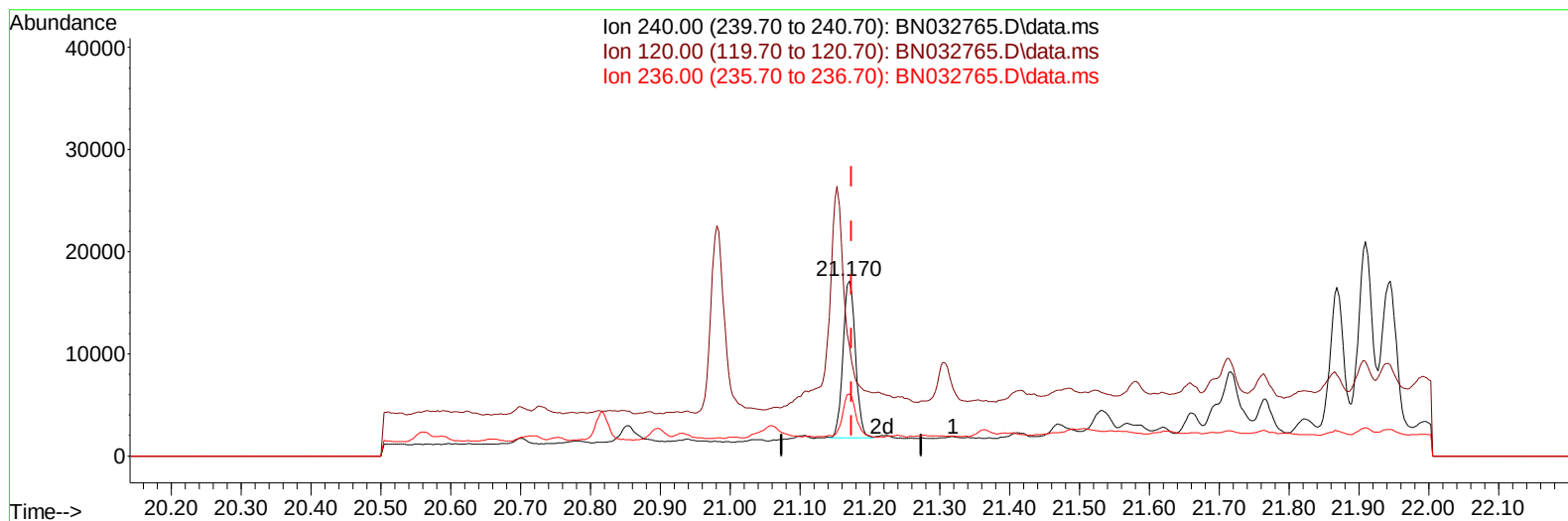
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(17) Chrysene-d12

21.170min (-0.003) 0.40 ng/ul m

response 19066

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	62.12#
236.00	28.40	35.52#
0.00	0.00	0.00

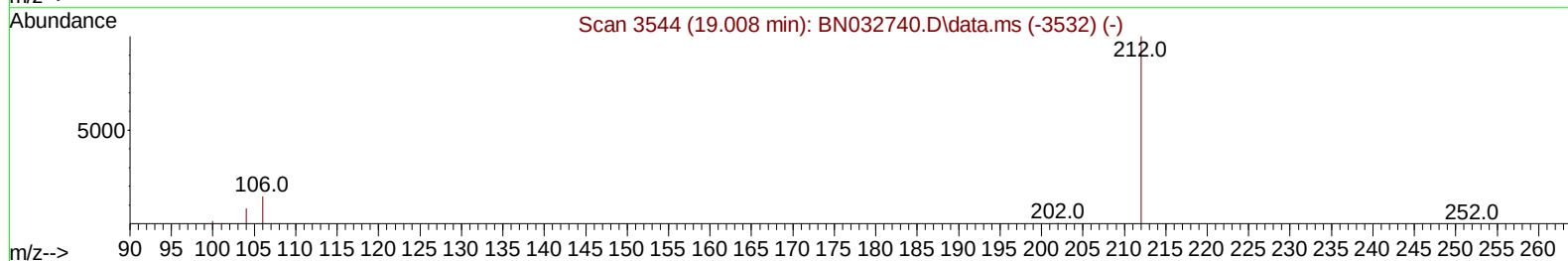
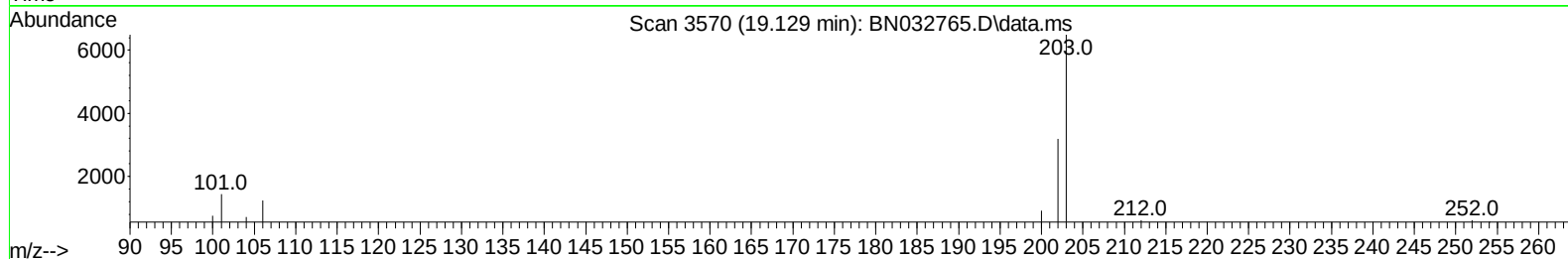
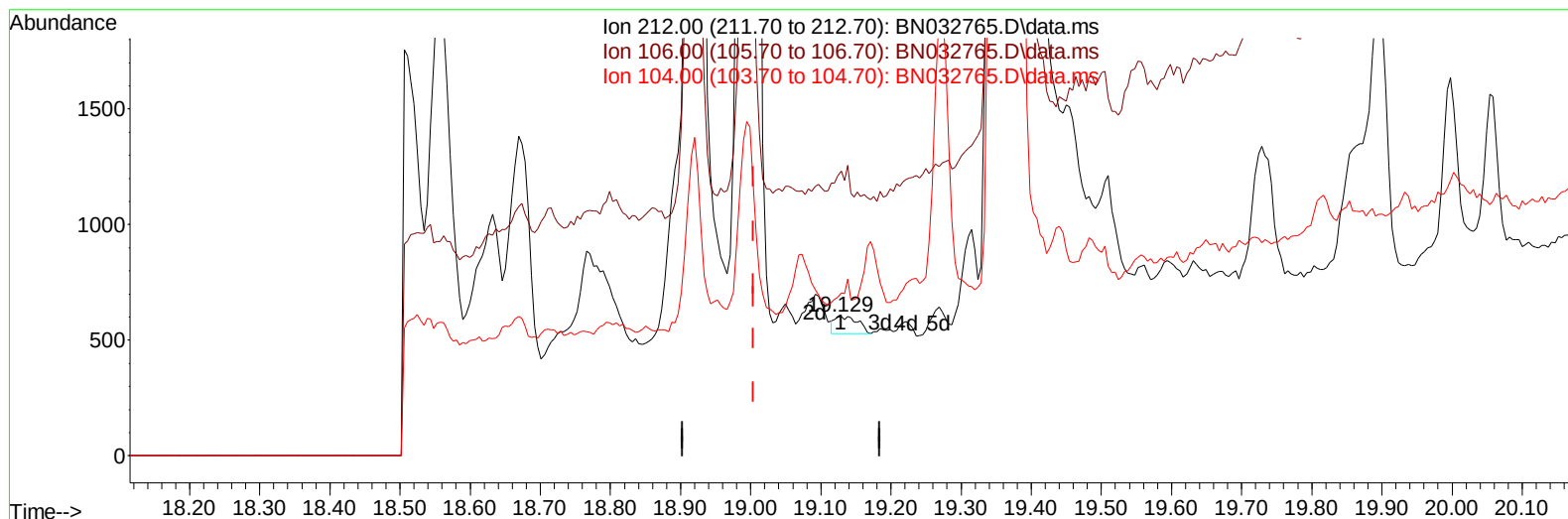
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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TIC: BN032765.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.129min (+ 0.125) 0.00 ng/u1

response 169

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	96.45#
104.00	9.00	55.03#
0.00	0.00	0.00

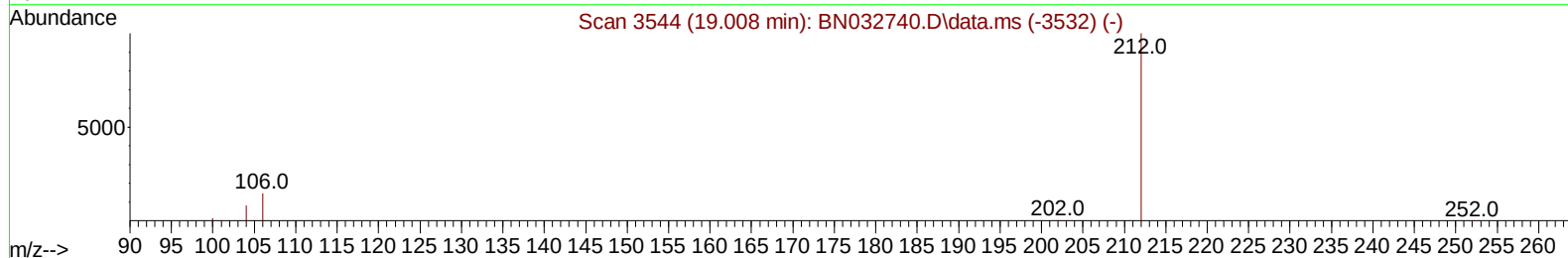
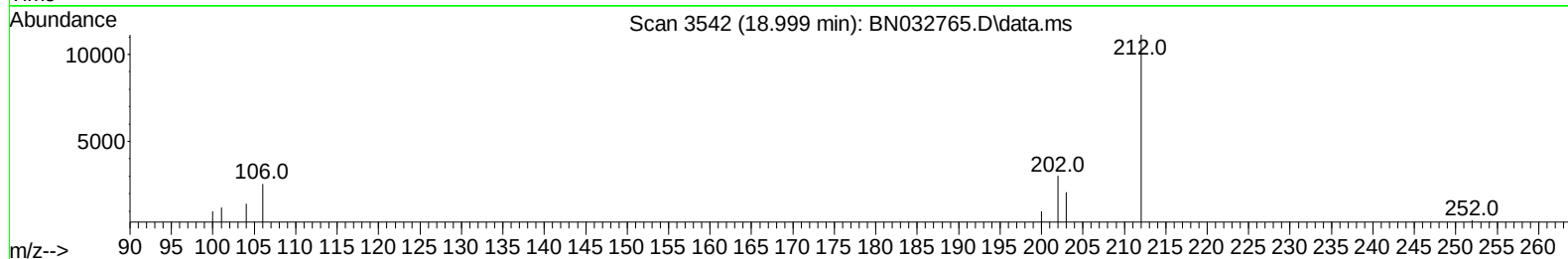
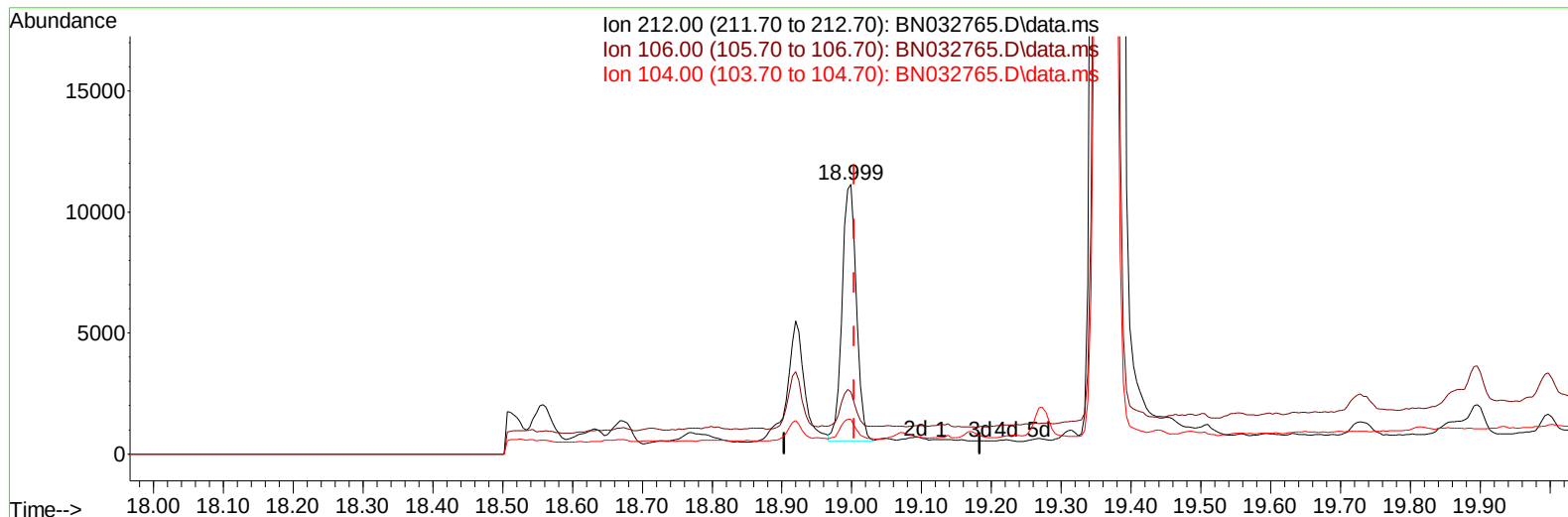
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
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TIC: BN032765.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.005) 0.24 ng/ul m

response 15197

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.07#
104.00	9.00	0.61#
0.00	0.00	0.00

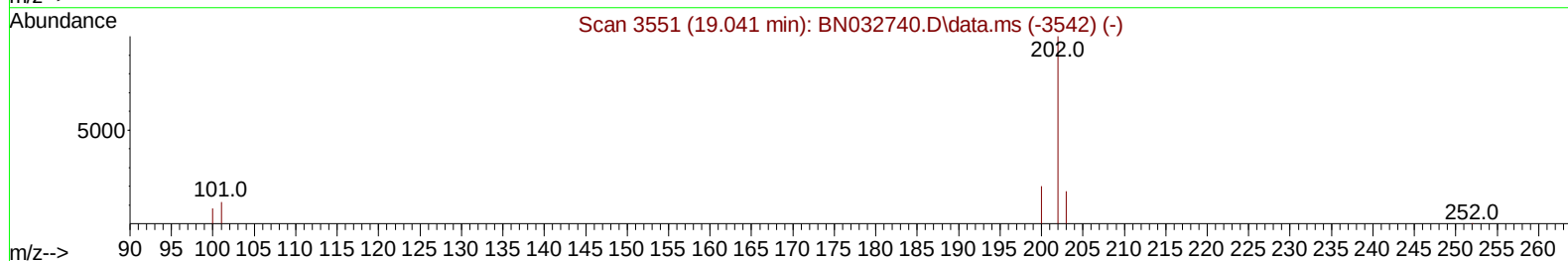
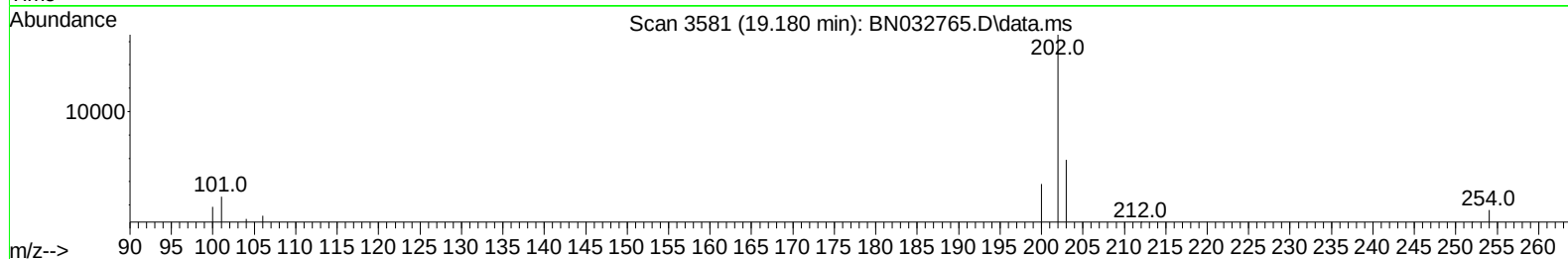
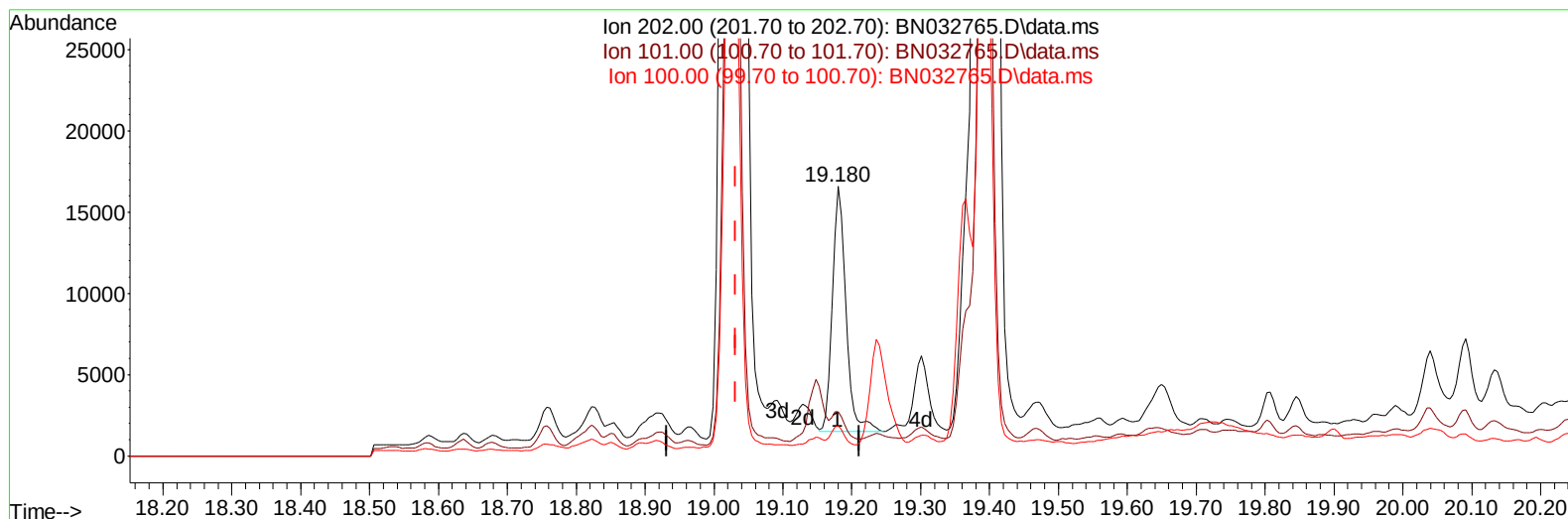
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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TIC: BN032765.D\data.ms

(19) Fluoranthene (C)

19.180min (+ 0.149) 0.27 ng/u1

response 20743

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	16.43#
100.00	9.90	11.28
0.00	0.00	0.00

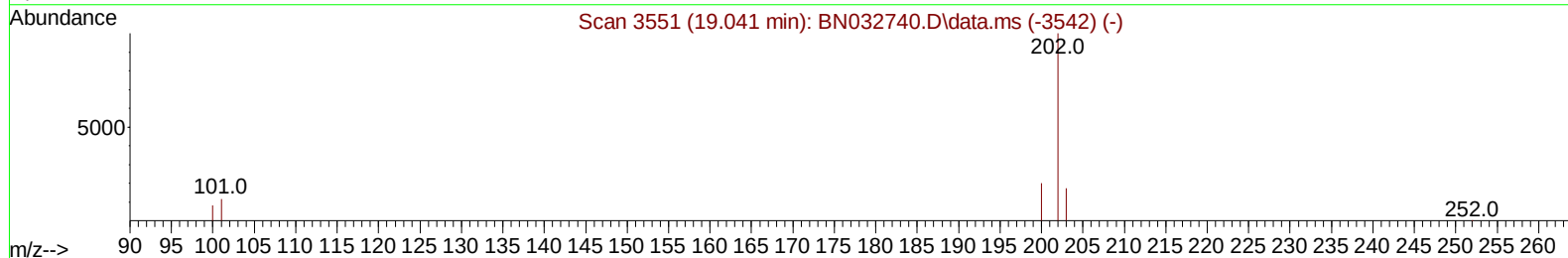
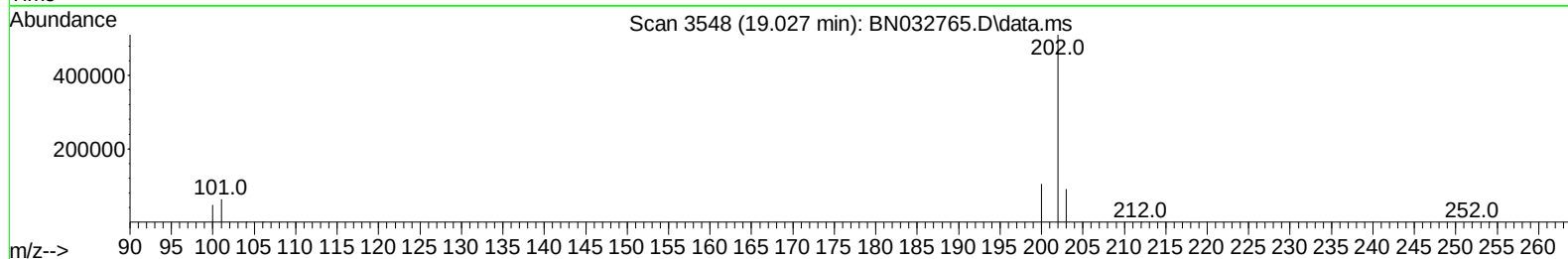
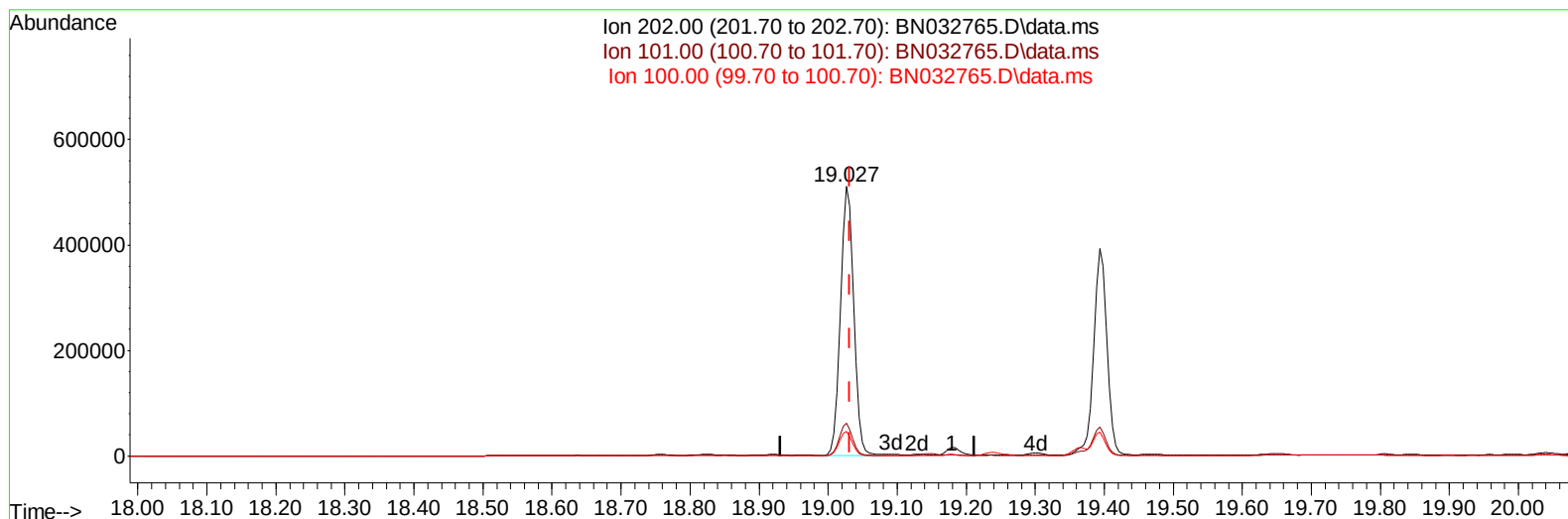
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:48:53 2024
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TIC: BN032765.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.005) 8.86 ng/ul m

response 686944

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.12
100.00	9.90	9.19
0.00	0.00	0.00

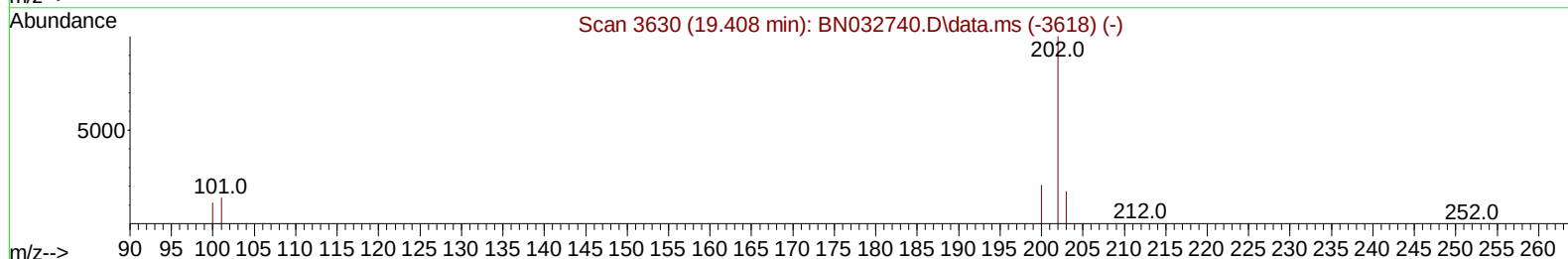
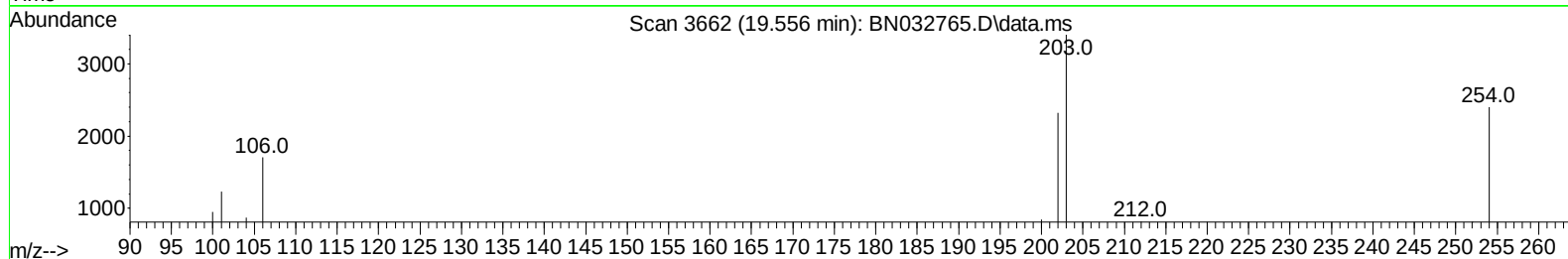
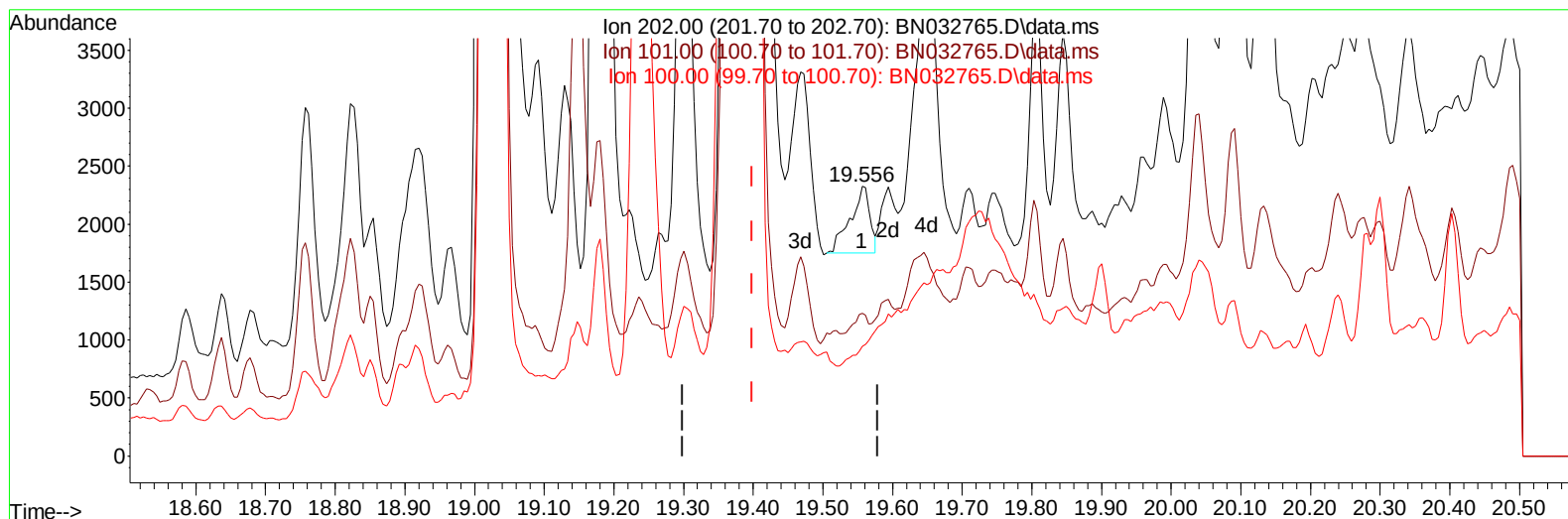
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

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TIC: BN032765.D\data.ms

(20) Pyrene

19.556min (+ 0.158) 0.01 ng/u1

response 1138

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	52.99#
100.00	12.00	40.73#
0.00	0.00	0.00

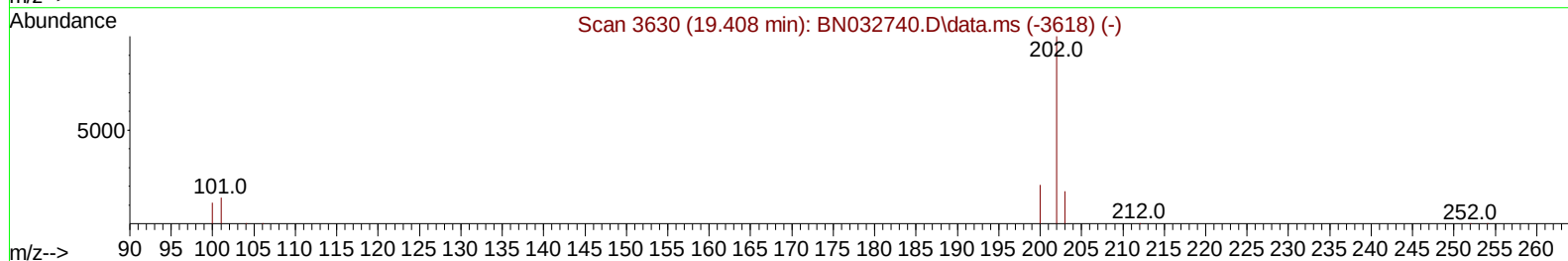
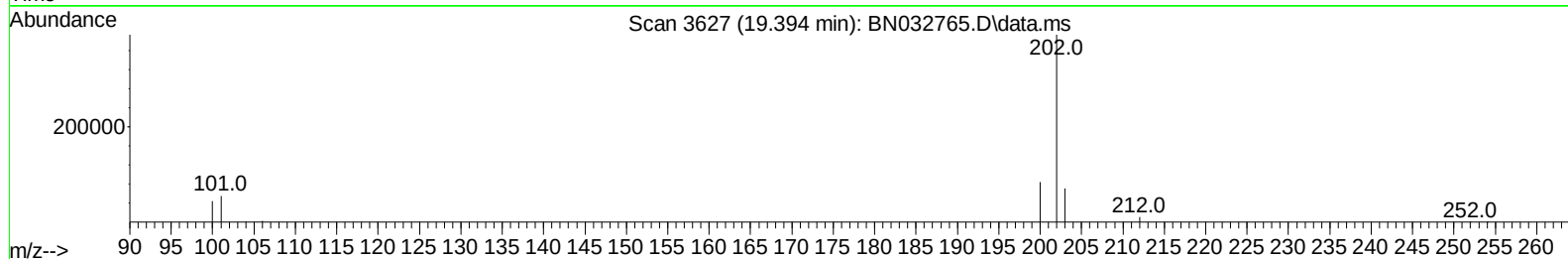
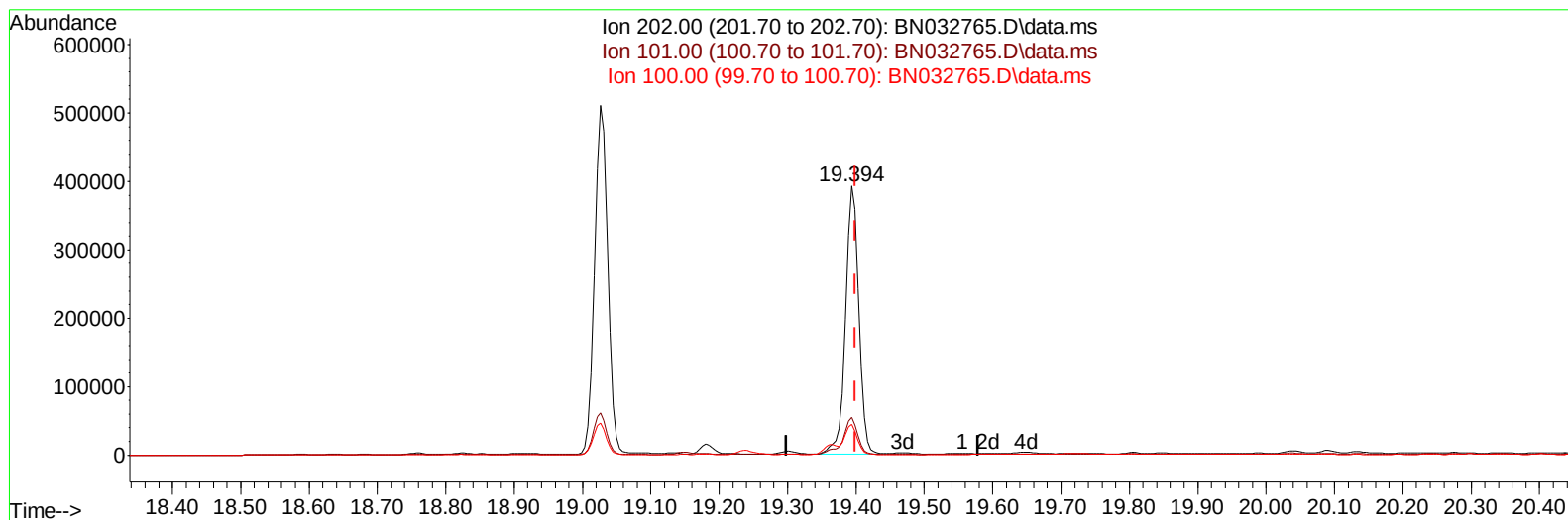
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(20) Pyrene

19.394min (-0.005) 6.61 ng/ul m

response 530014

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.03
100.00	12.00	11.37
0.00	0.00	0.00

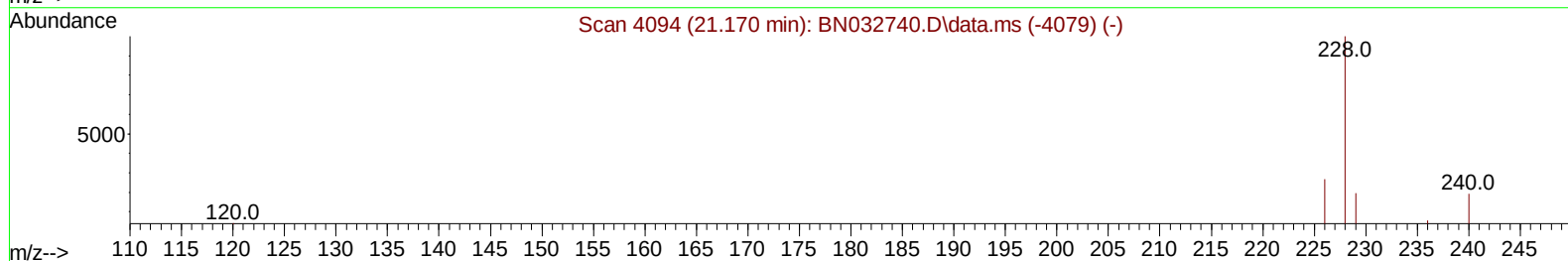
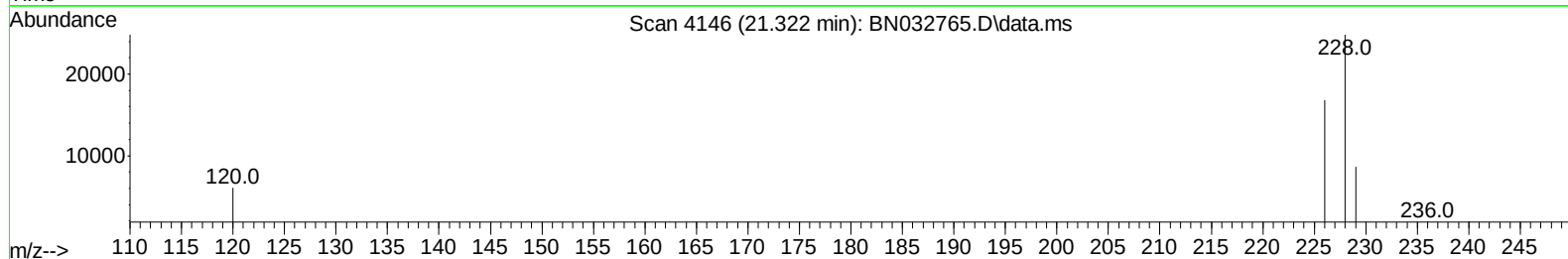
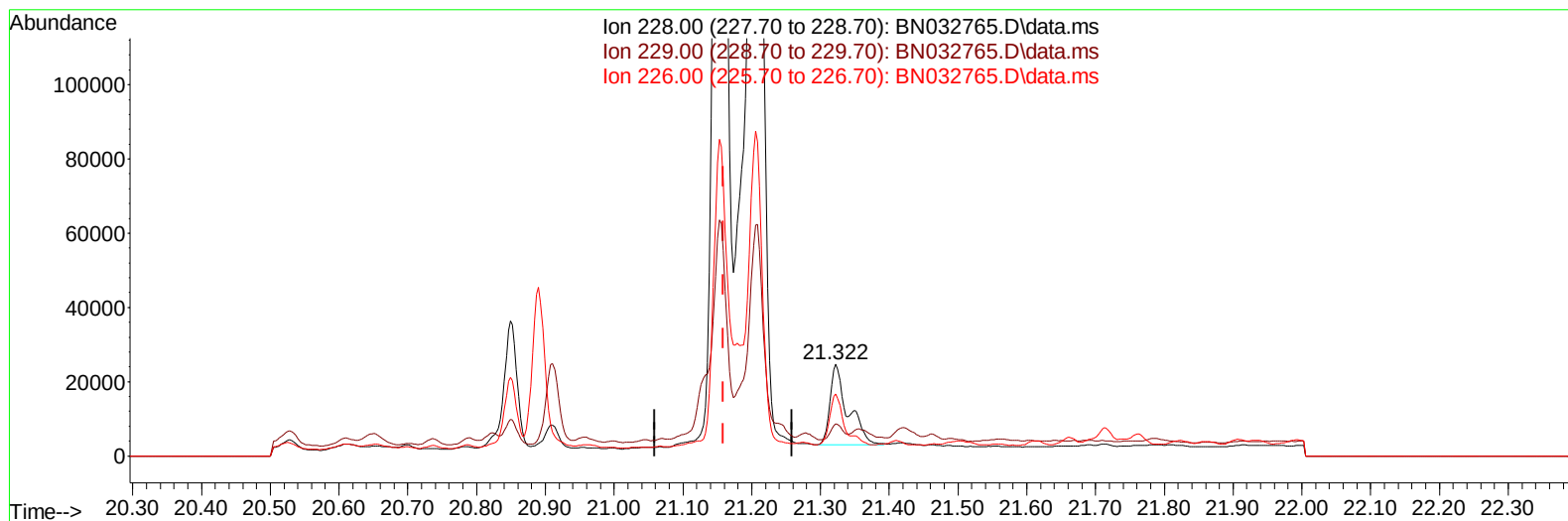
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(21) Benzo(a)anthracene

21.322min (+ 0.163) 0.65 ng/u1

response 39587

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	34.86#
226.00	27.40	67.60#
0.00	0.00	0.00

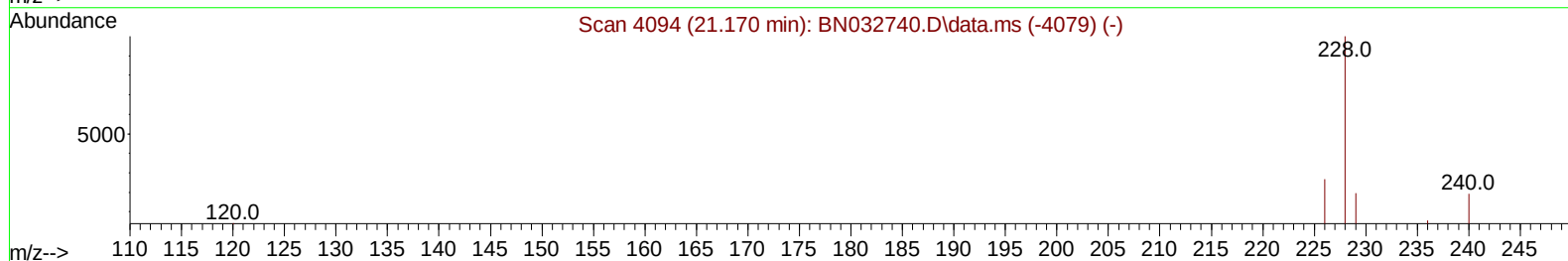
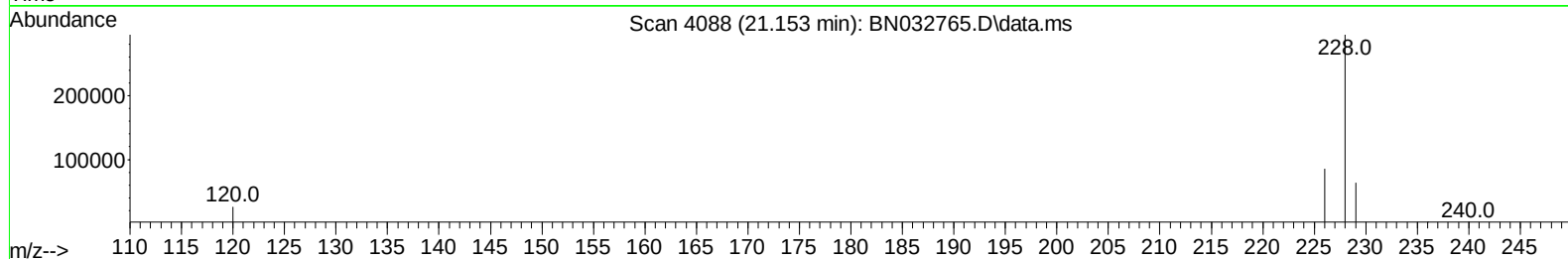
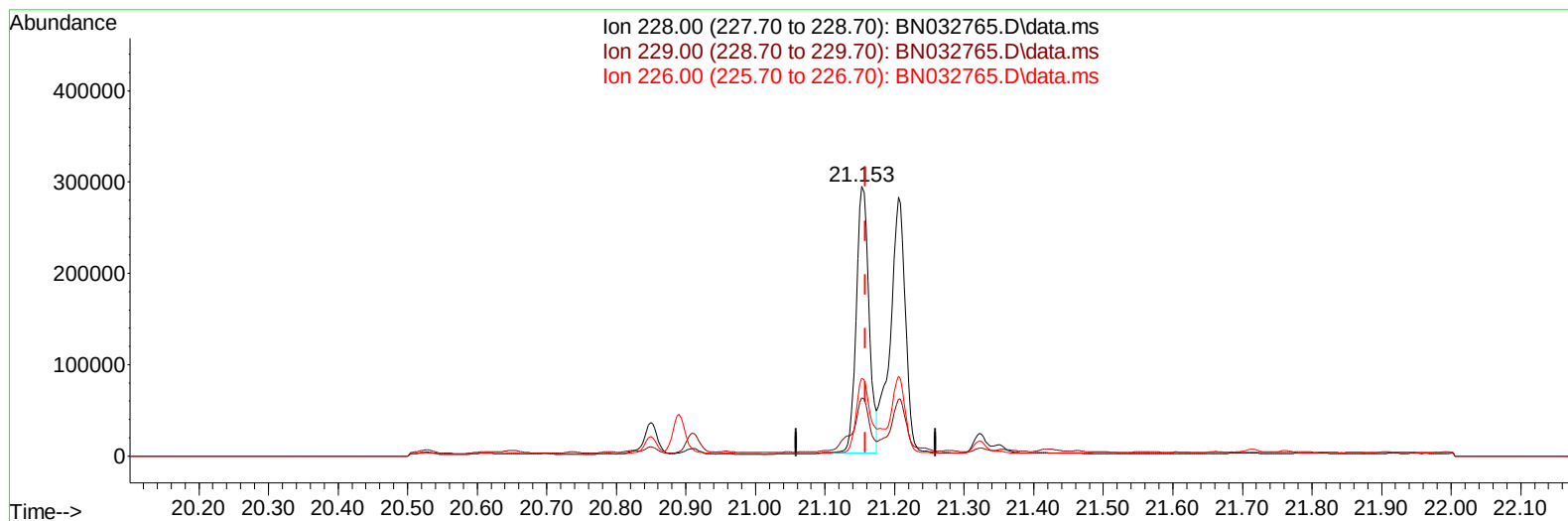
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.006) 6.12 ng/ul m

response 371560

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.57
226.00	27.40	28.93
0.00	0.00	0.00

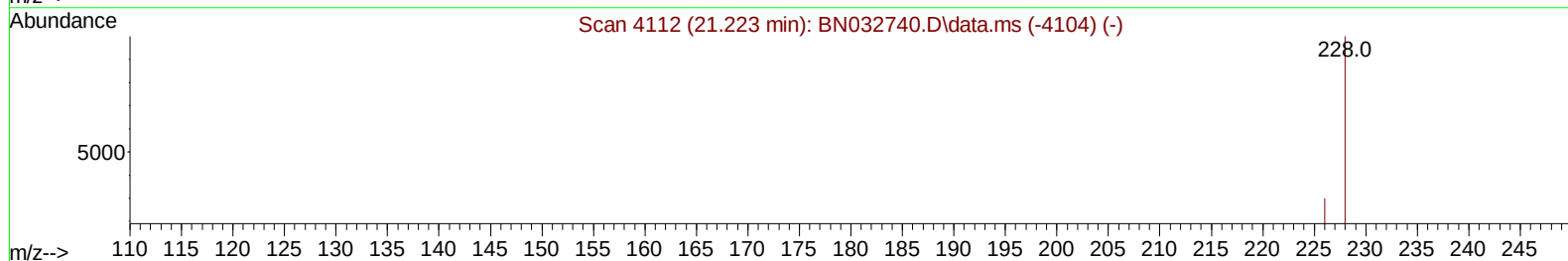
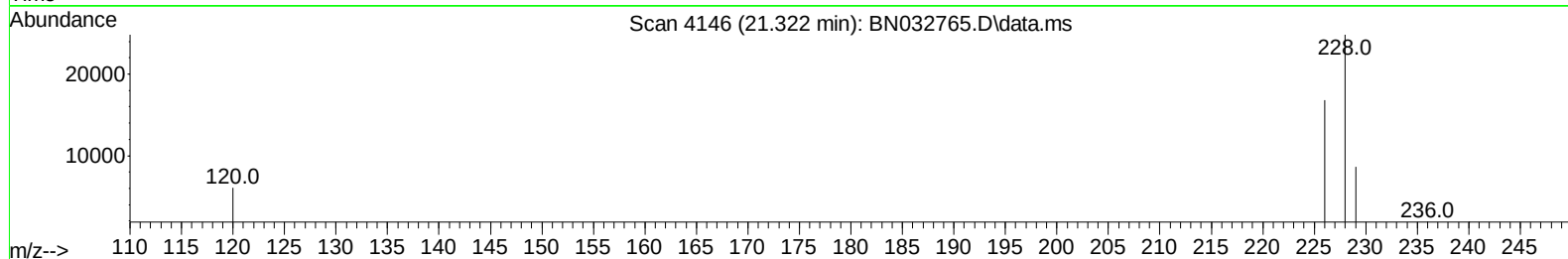
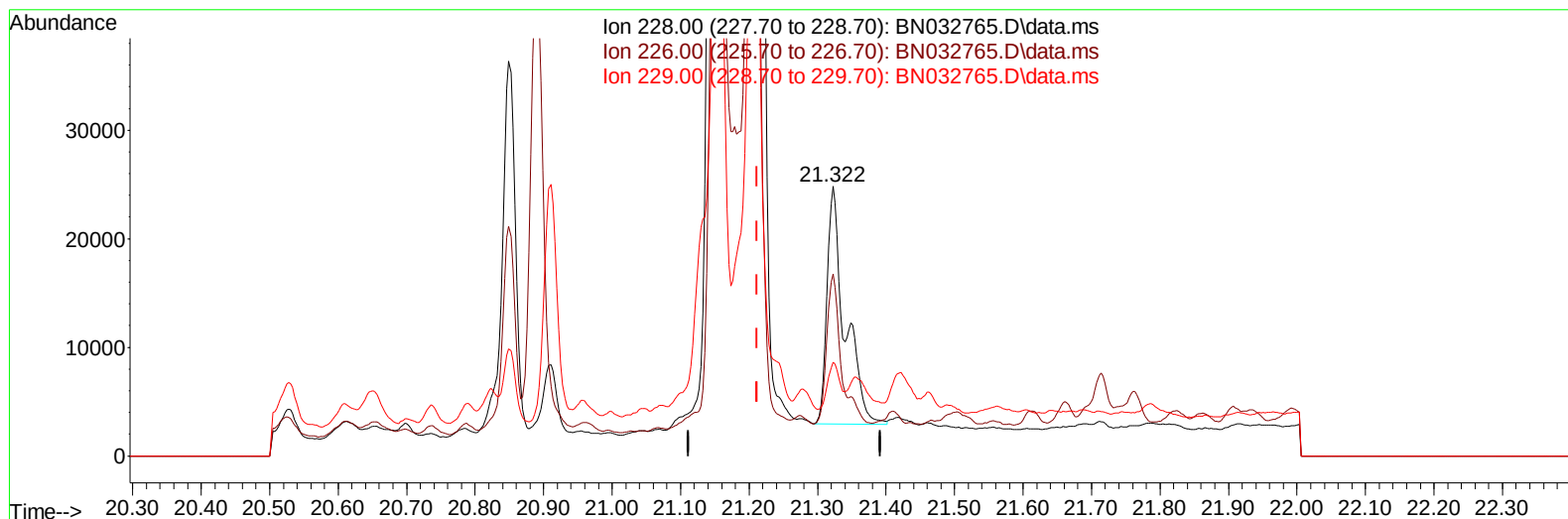
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(22) Chrysene

21.322min (+ 0.111) 0.45 ng/u1

response 39872

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	67.60#
229.00	19.70	34.86#
0.00	0.00	0.00

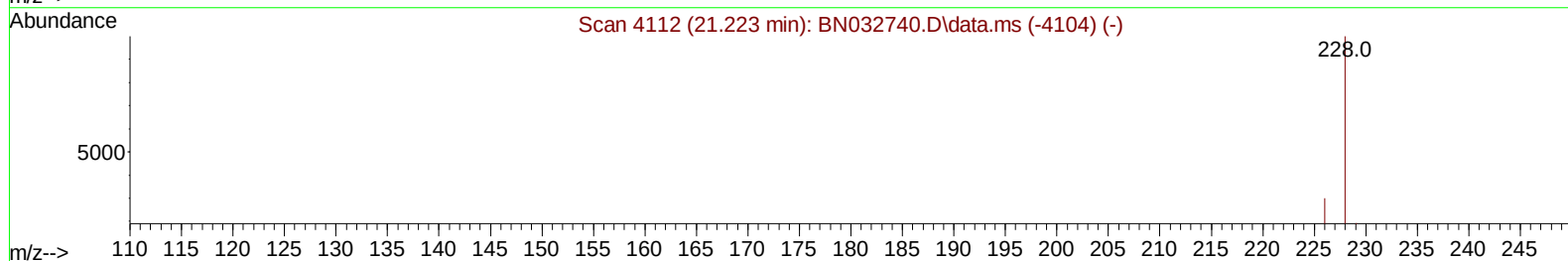
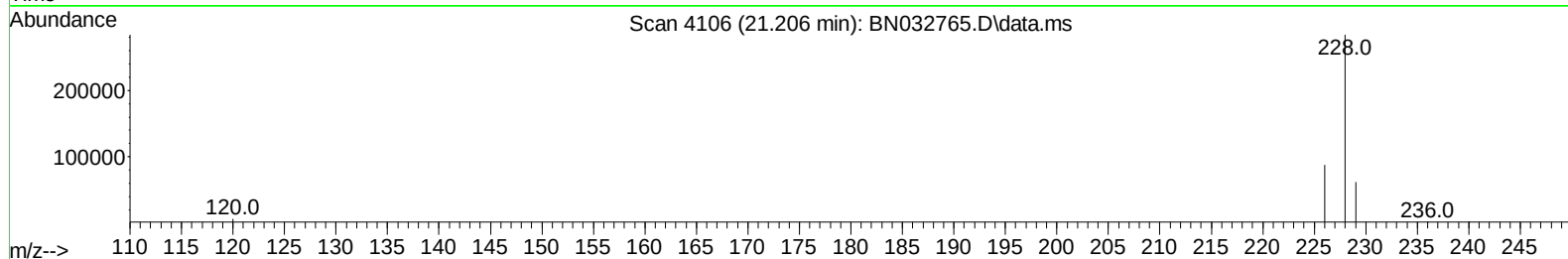
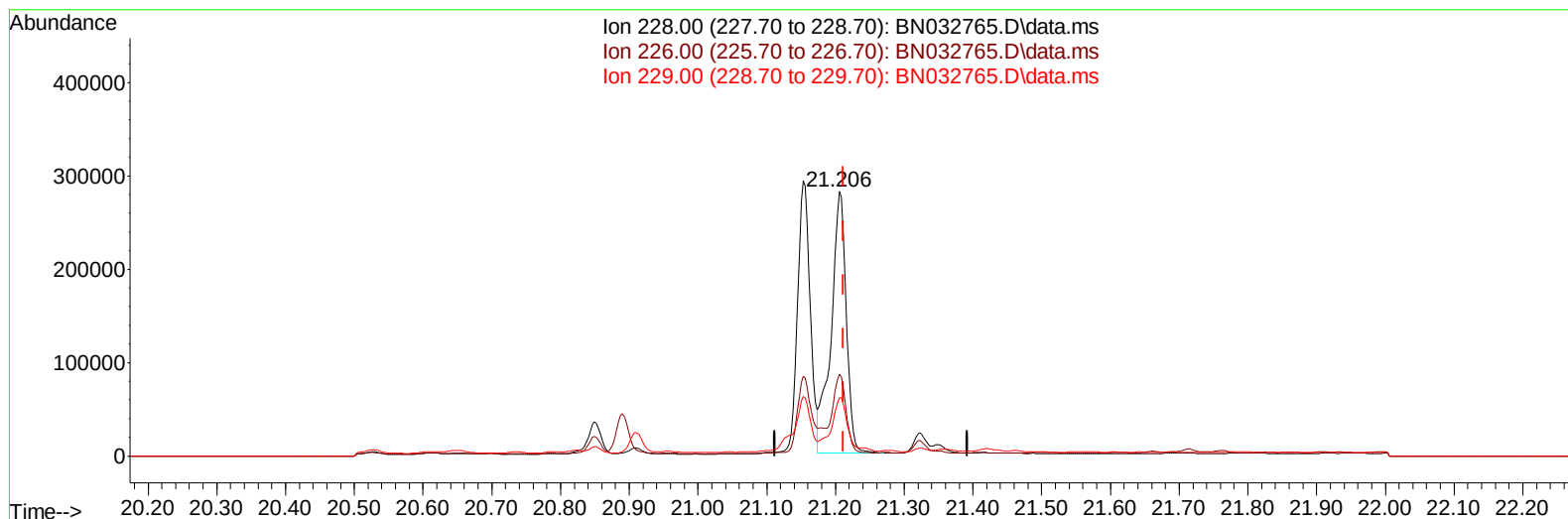
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:48:53 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
Response via : Initial Calibration



TIC: BN032765.D\data.ms

(22) Chrysene

21.206min (-0.006) 4.91 ng/ul m

response 430658

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.84
229.00	19.70	21.95
0.00	0.00	0.00

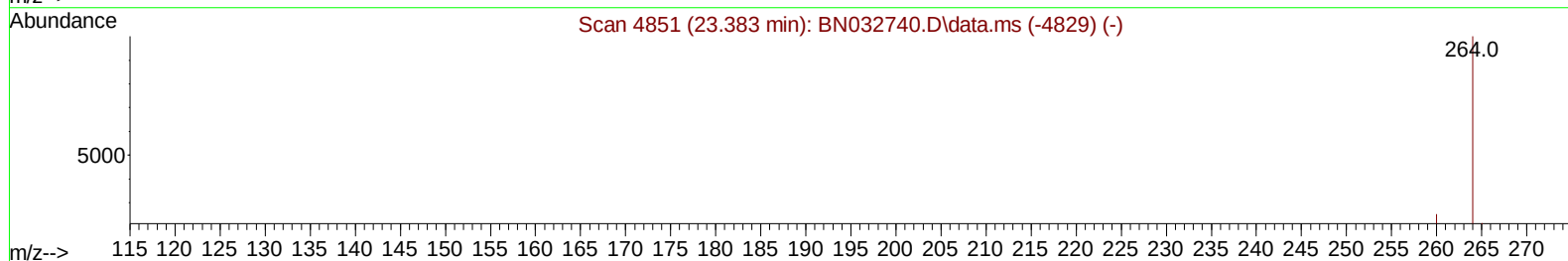
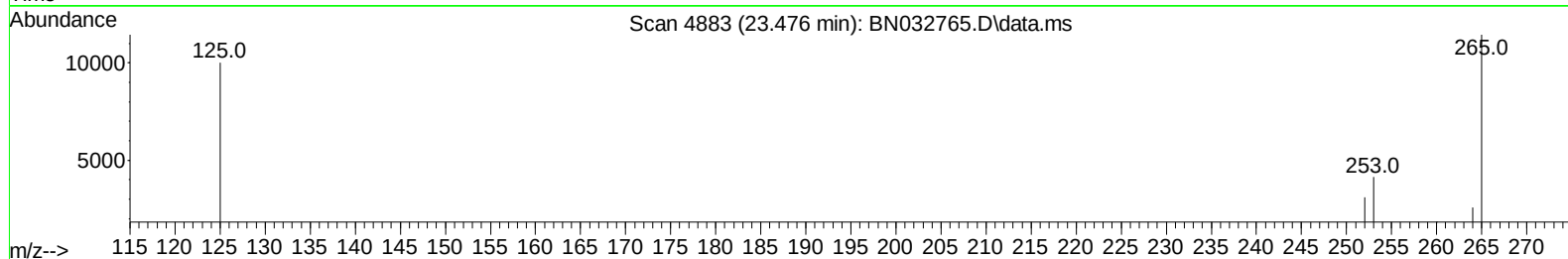
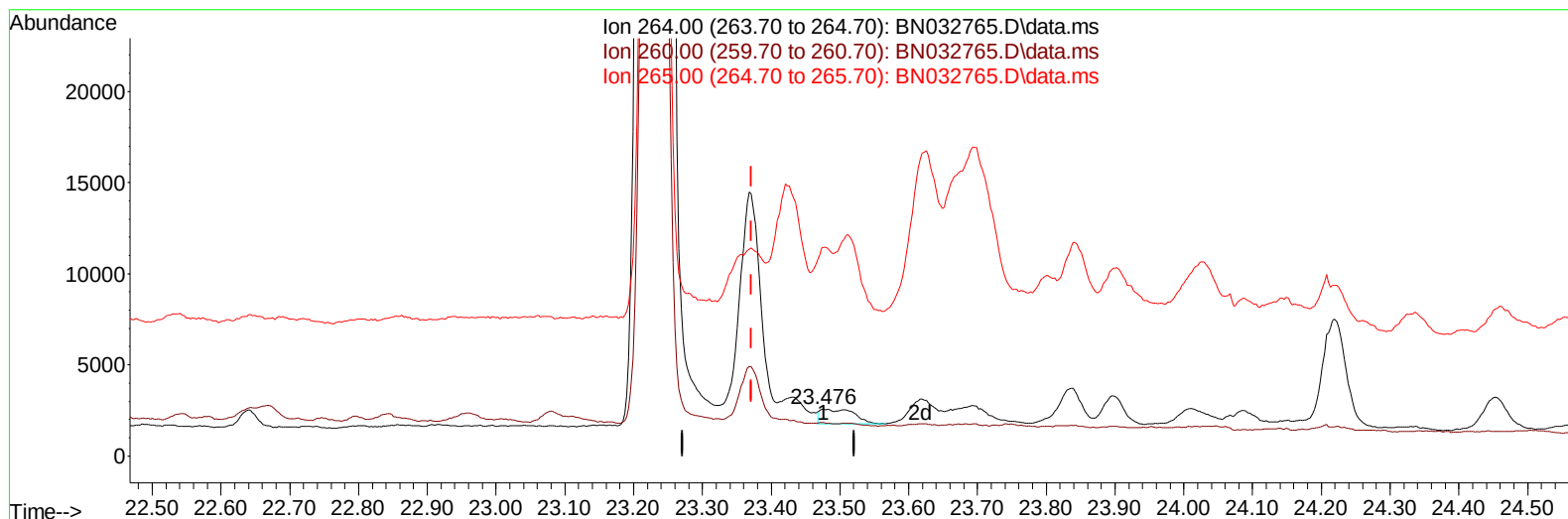
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(23) Perylene-d12 (I)

23.476min (+ 0.105) 0.40 ng/ul

response 2805

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	70.97#
265.00	95.50	444.04#
0.00	0.00	0.00

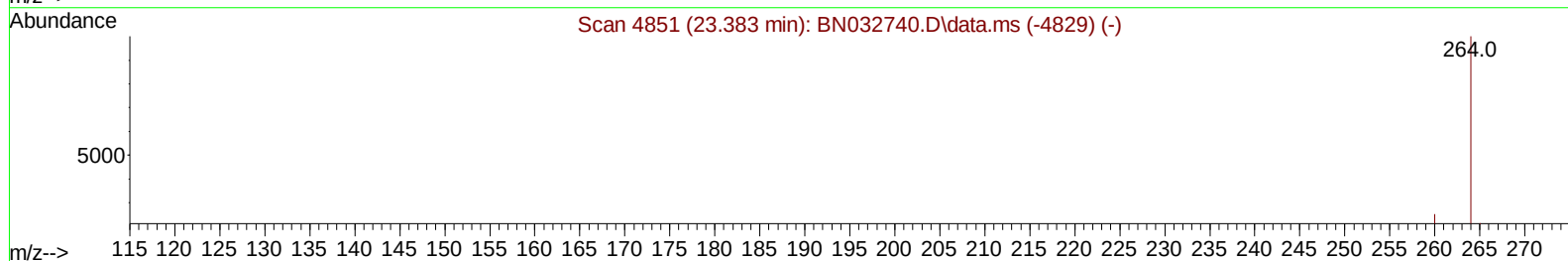
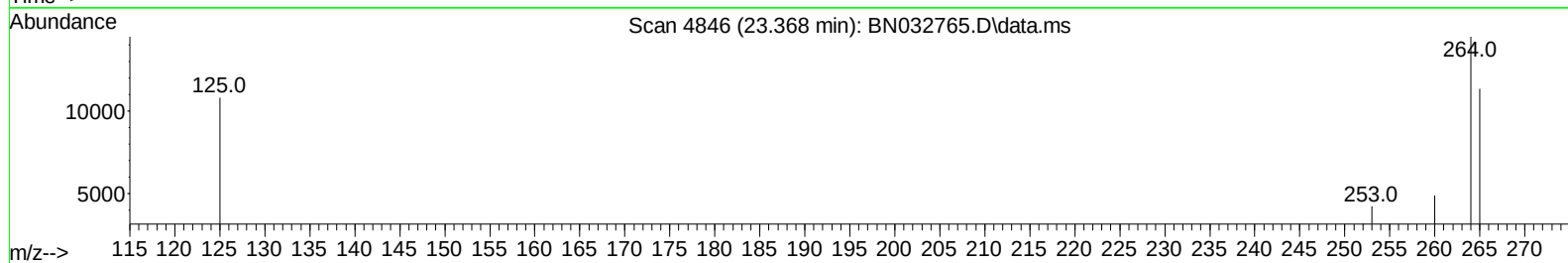
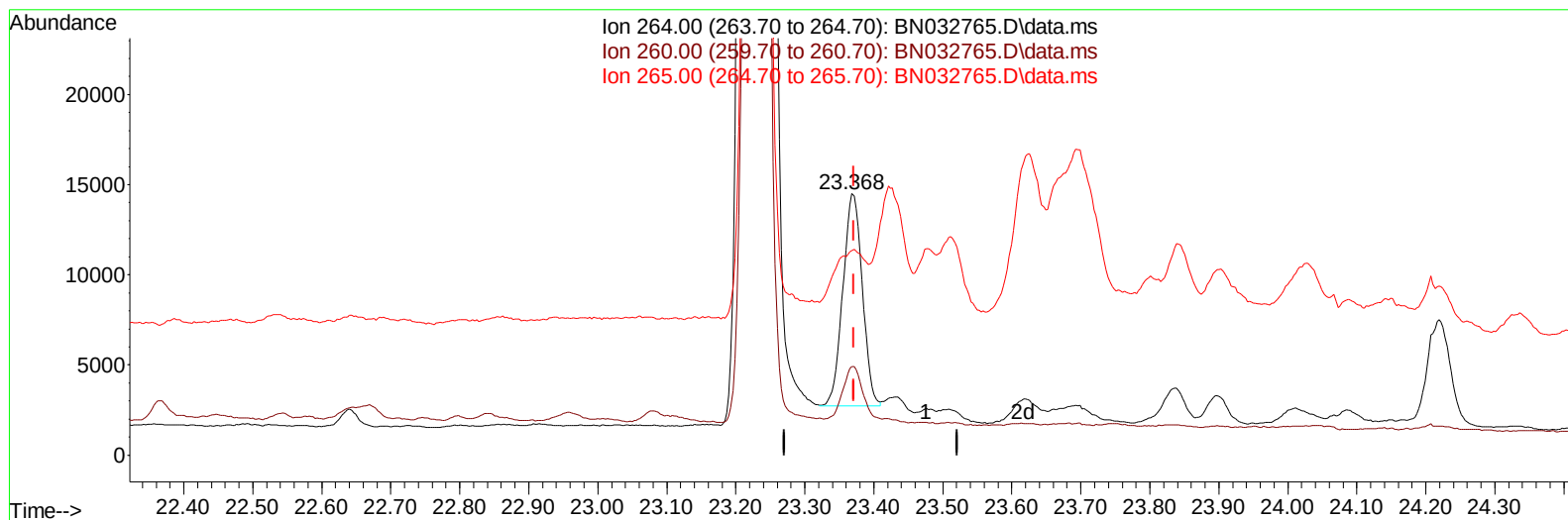
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032765.D
 Acq On : 17 Jul 2024 06:22
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.003) 0.40 ng/ul m

response 23104

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	33.78#
265.00	95.50	78.32
0.00	0.00	0.00

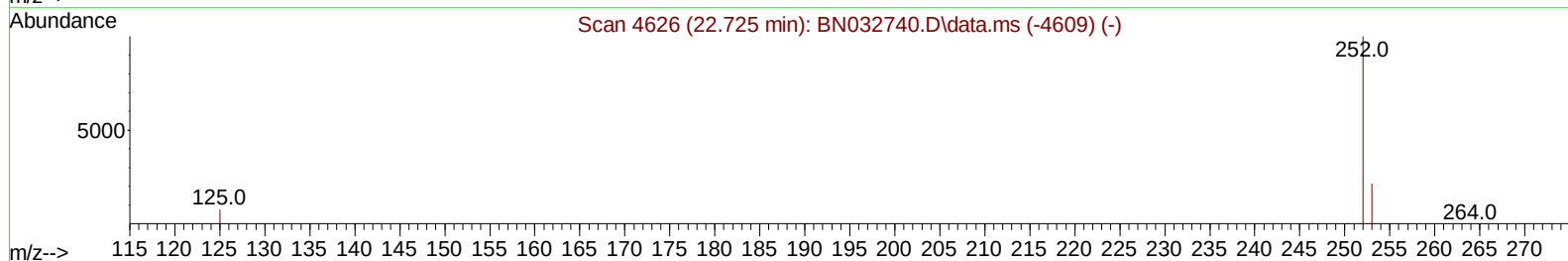
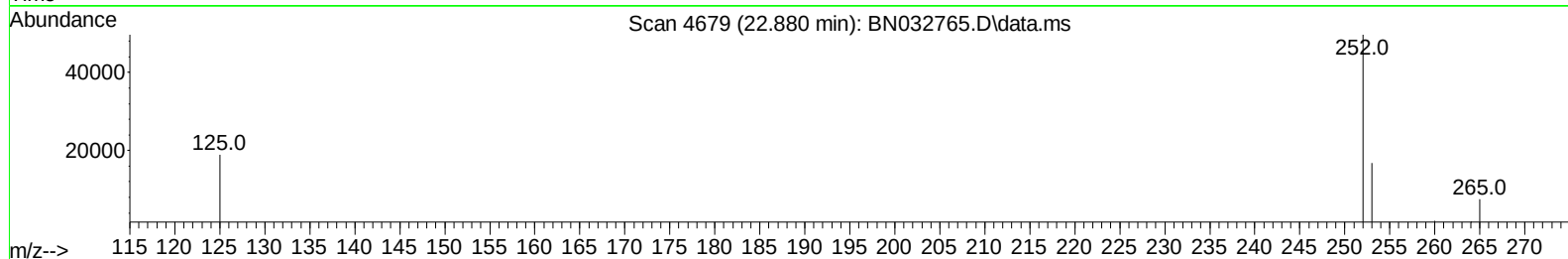
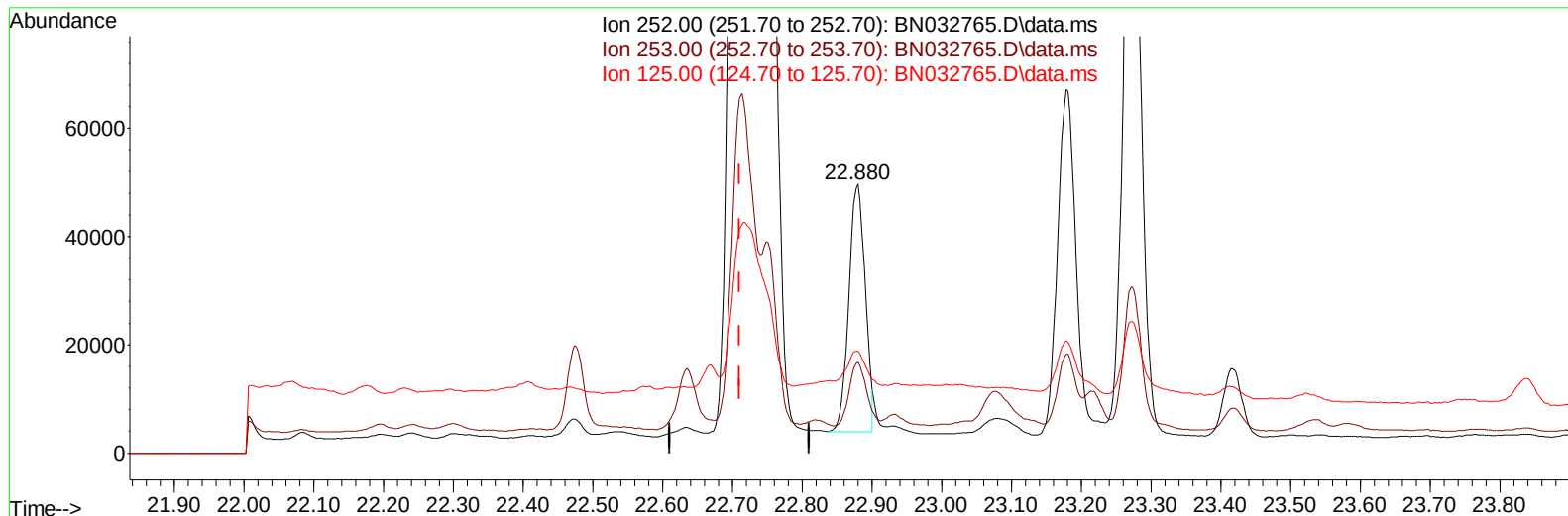
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(24) Benzo(b)fluoranthene

22.880min (+ 0.169) 0.92 ng/u1

response 74638

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	33.89
125.00	18.00	37.93#
0.00	0.00	0.00

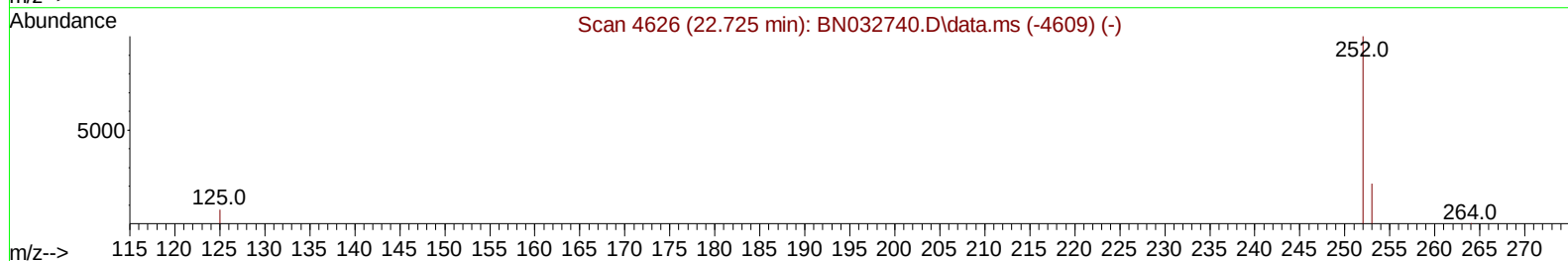
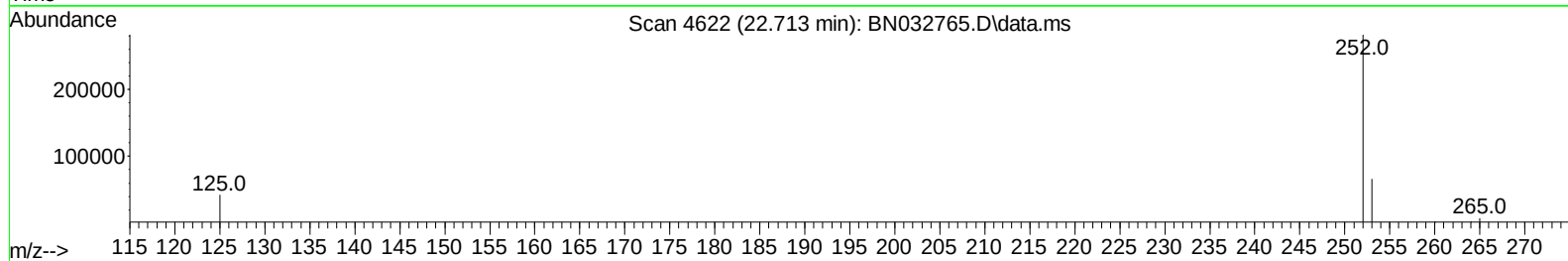
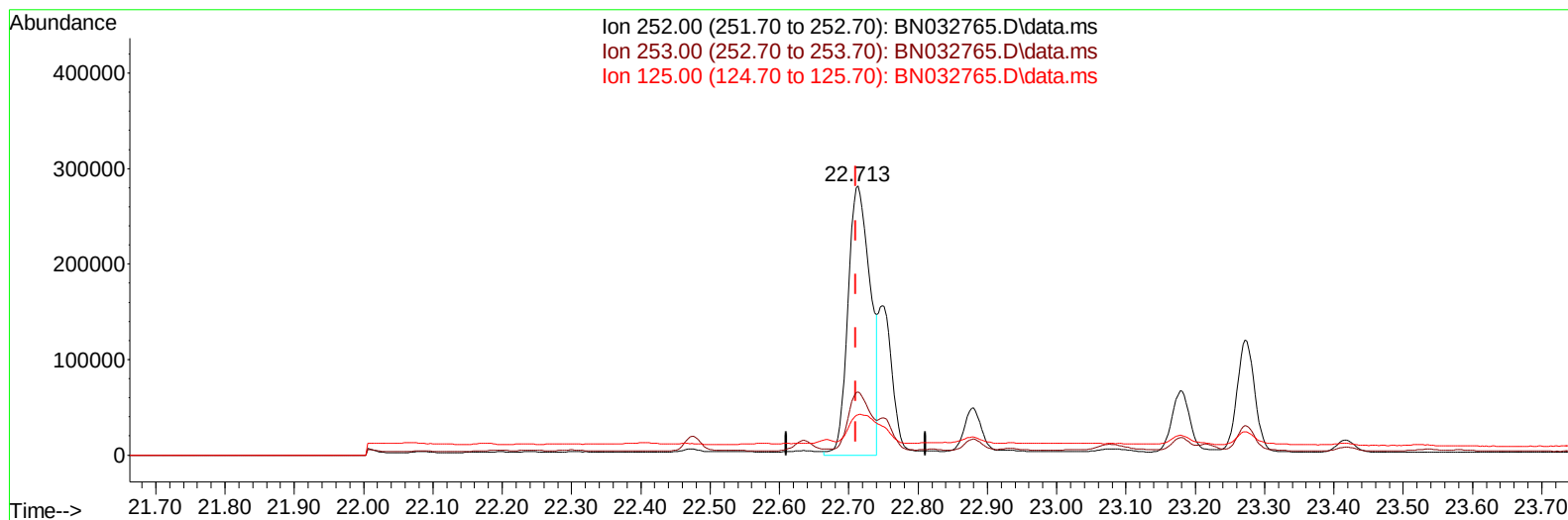
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(24) Benzo(b)fluoranthene

22.713min (+ 0.003) 7.69 ng/ul m

response 626672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.58
125.00	18.00	14.98
0.00	0.00	0.00

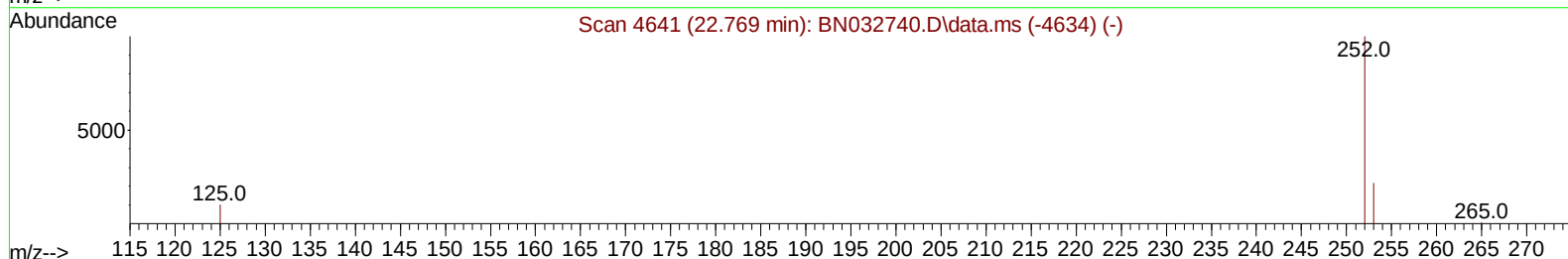
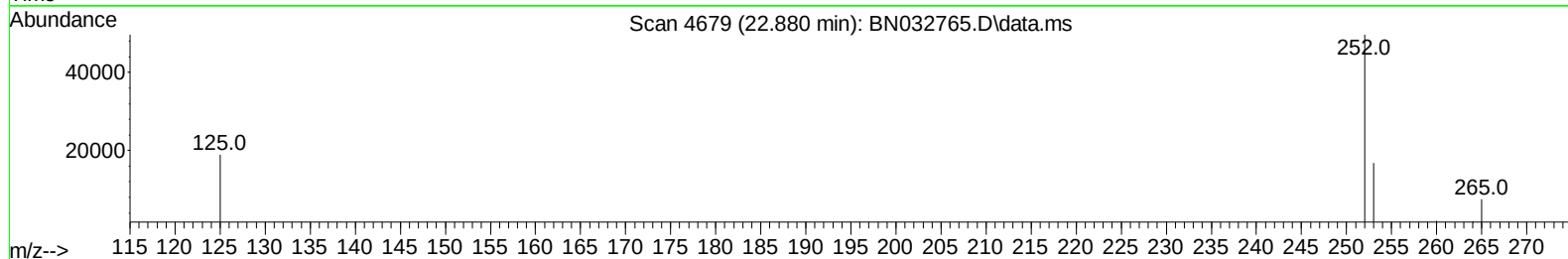
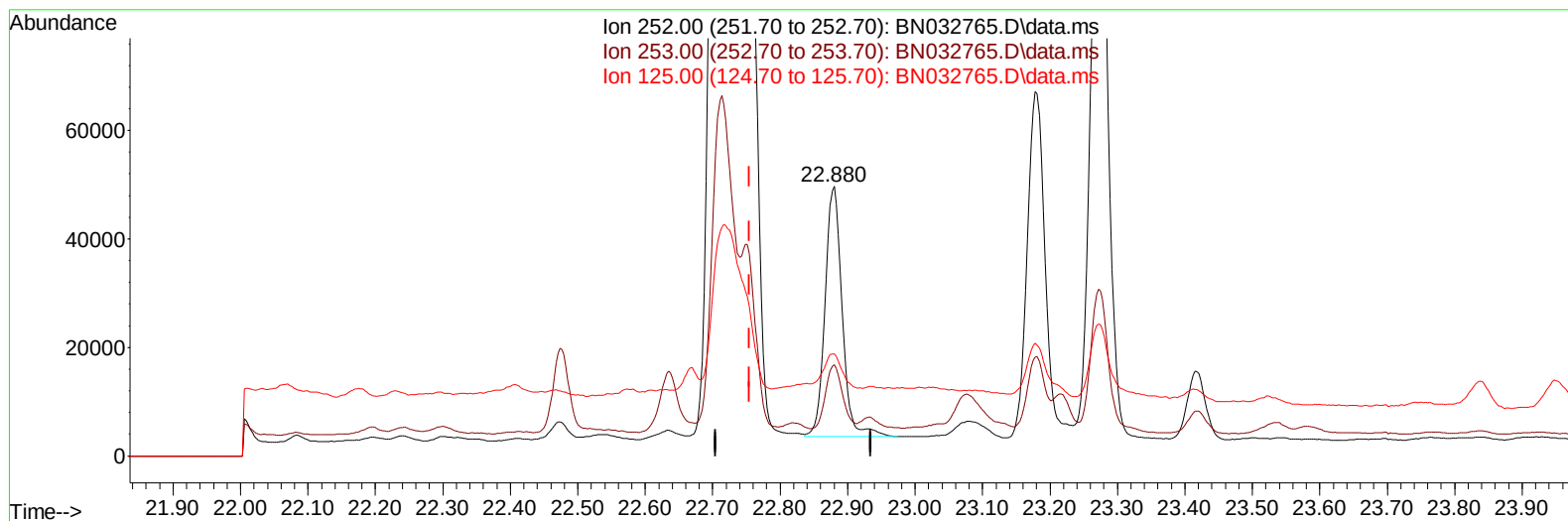
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(25) Benzo(k)fluoranthene

22.880min (+ 0.126) 0.82 ng/u1

response 81659

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	33.89#
125.00	18.50	37.93#
0.00	0.00	0.00

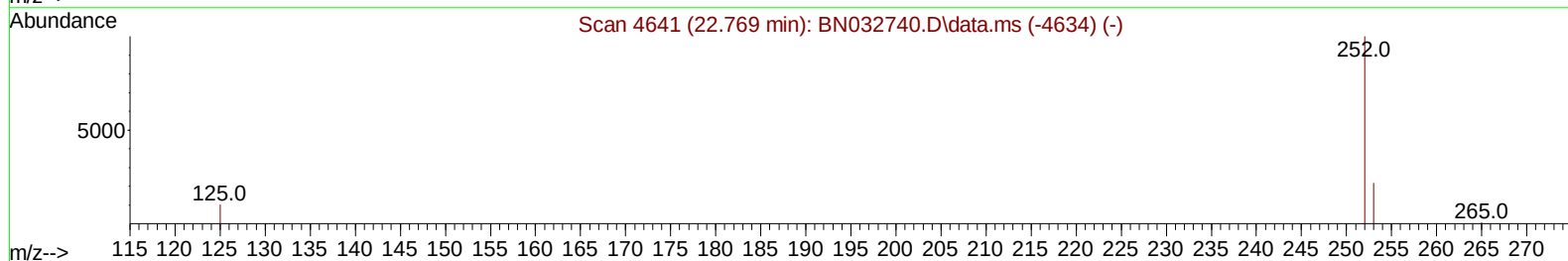
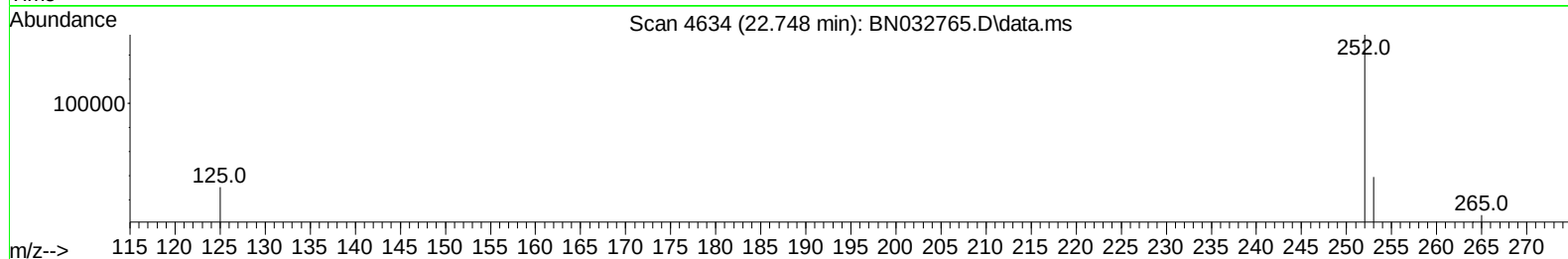
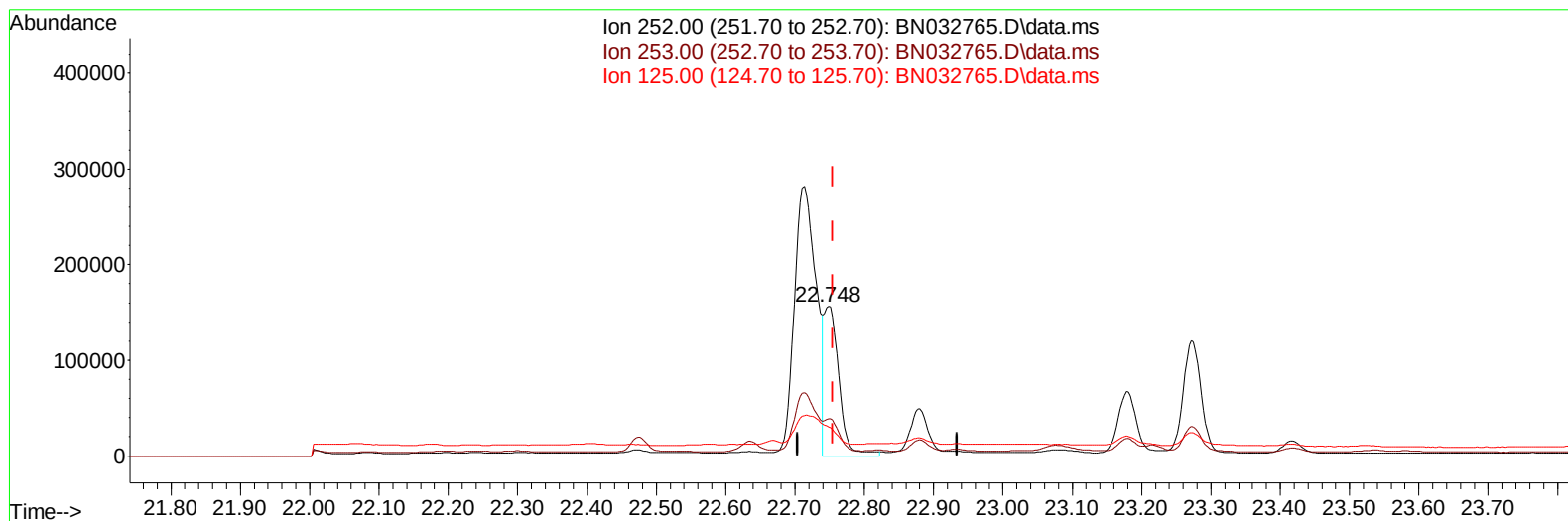
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.006) 2.33 ng/ul m

response 231845

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.96
125.00	18.50	19.40
0.00	0.00	0.00

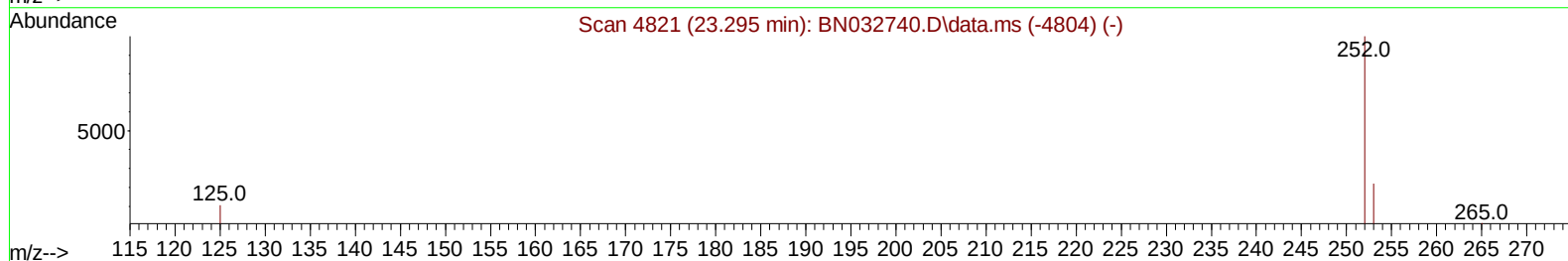
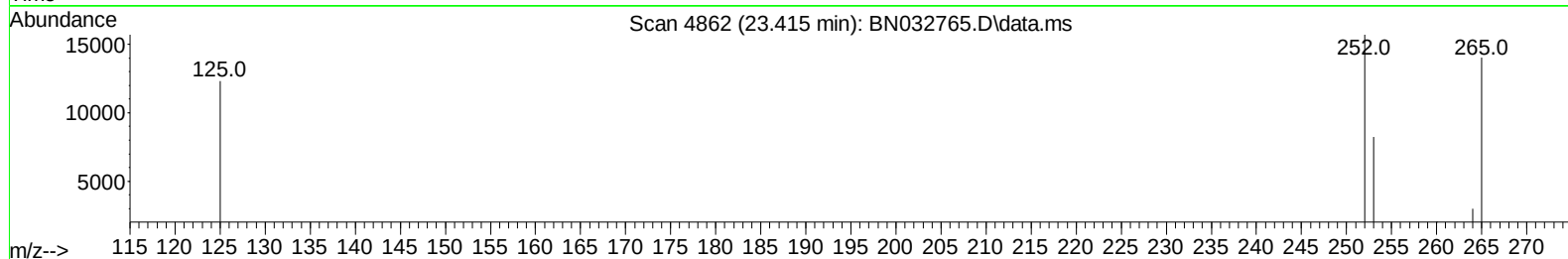
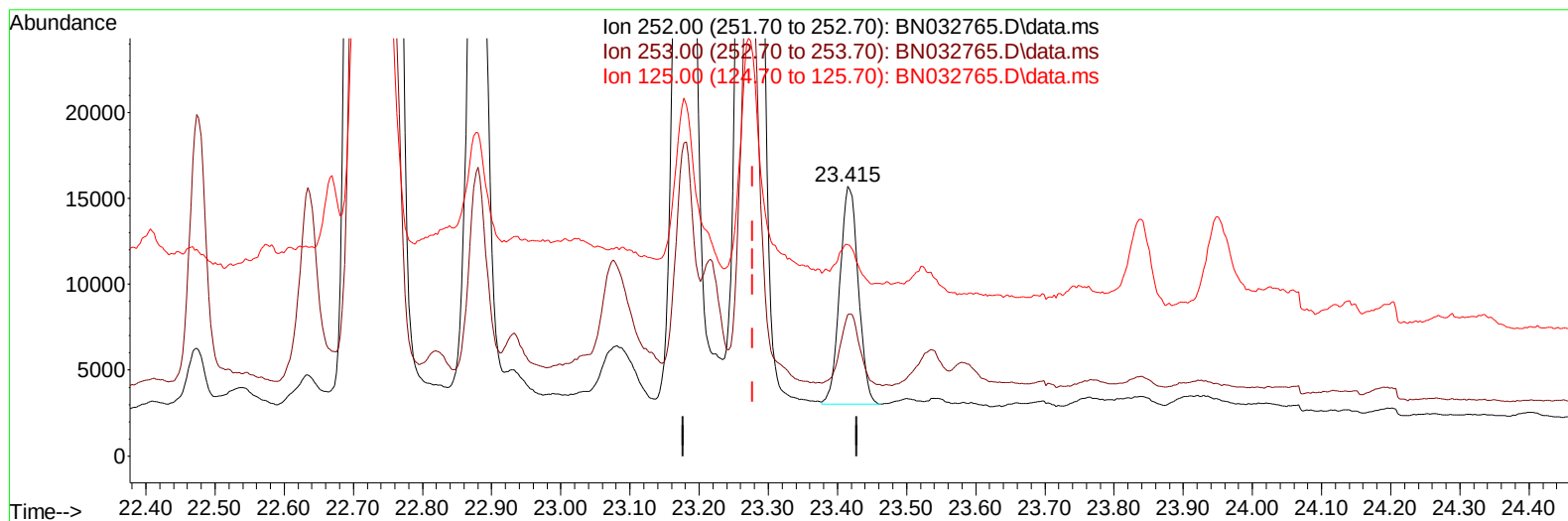
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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



TIC: BN032765.D\data.ms

(26) Benzo(a)pyrene (C)

23.415min (+ 0.137) 0.33 ng/u1

response 23558

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	52.43#
125.00	25.70	78.32#
0.00	0.00	0.00

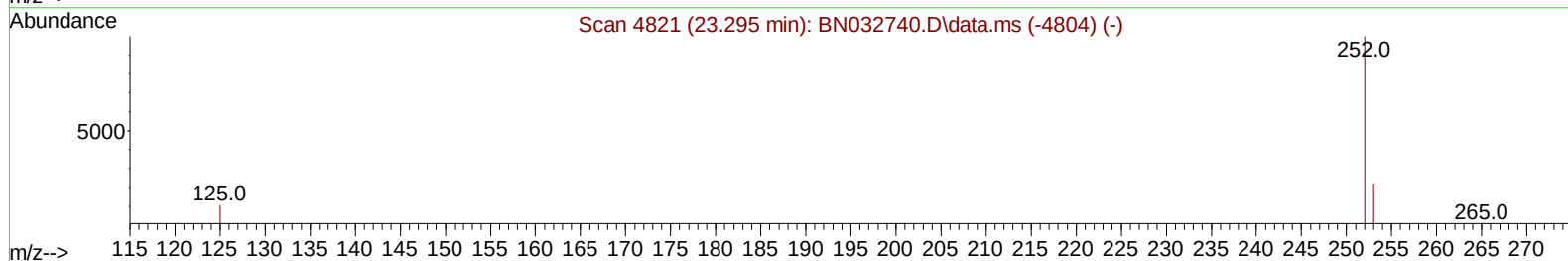
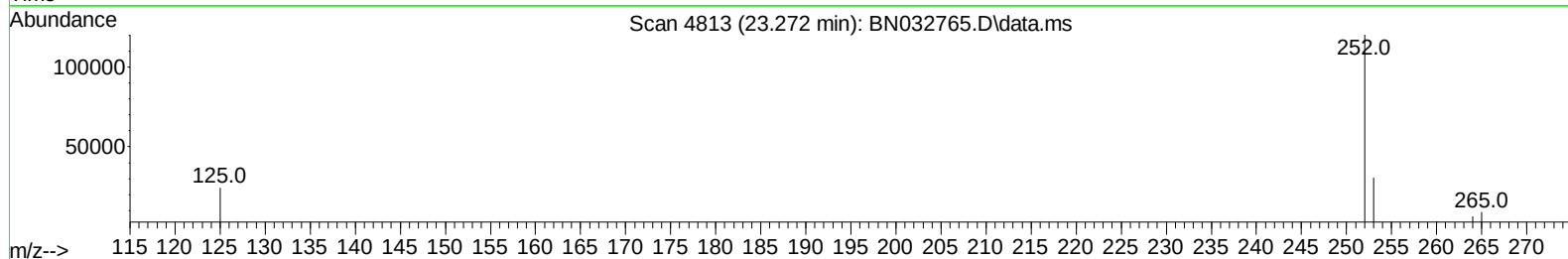
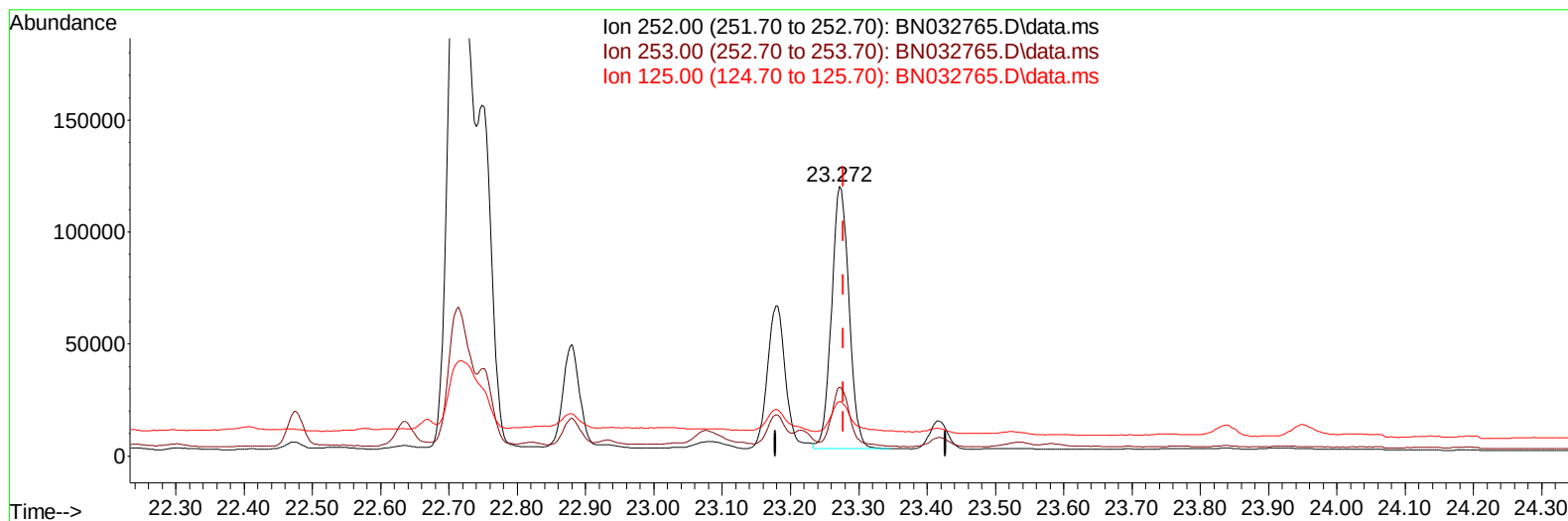
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(26) Benzo(a)pyrene (C)

23.272min (-0.006) 2.97 ng/ul m

response 209295

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.59
125.00	25.70	20.22#
0.00	0.00	0.00

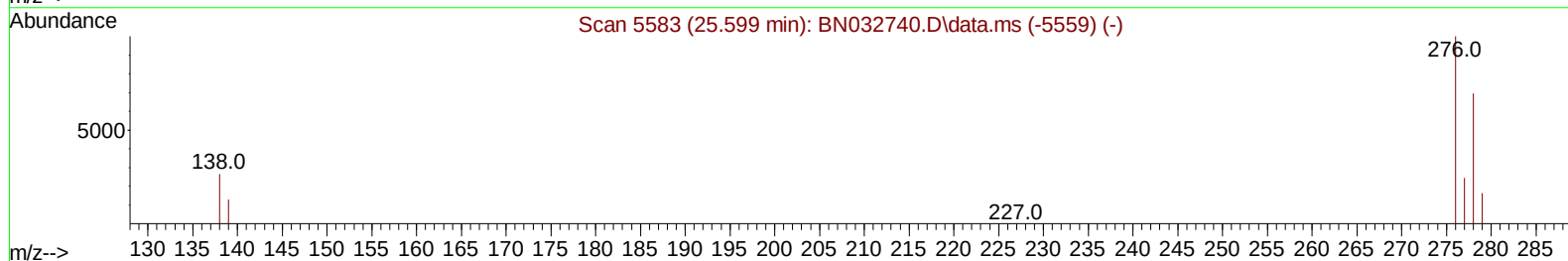
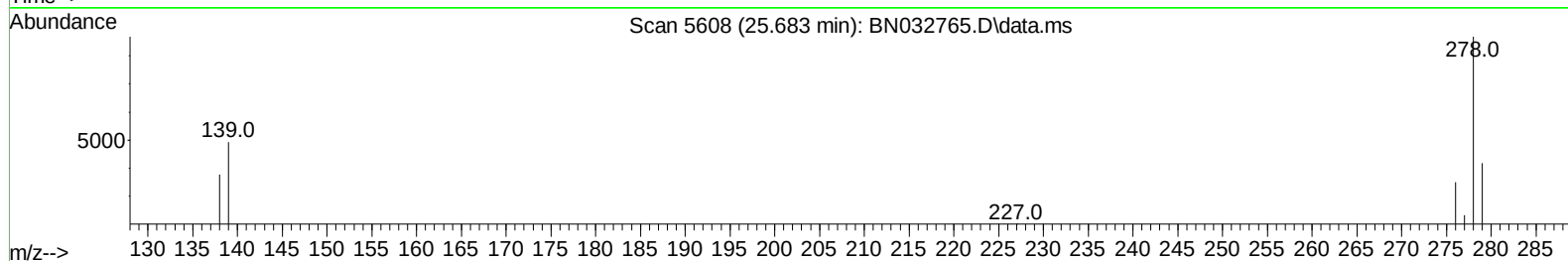
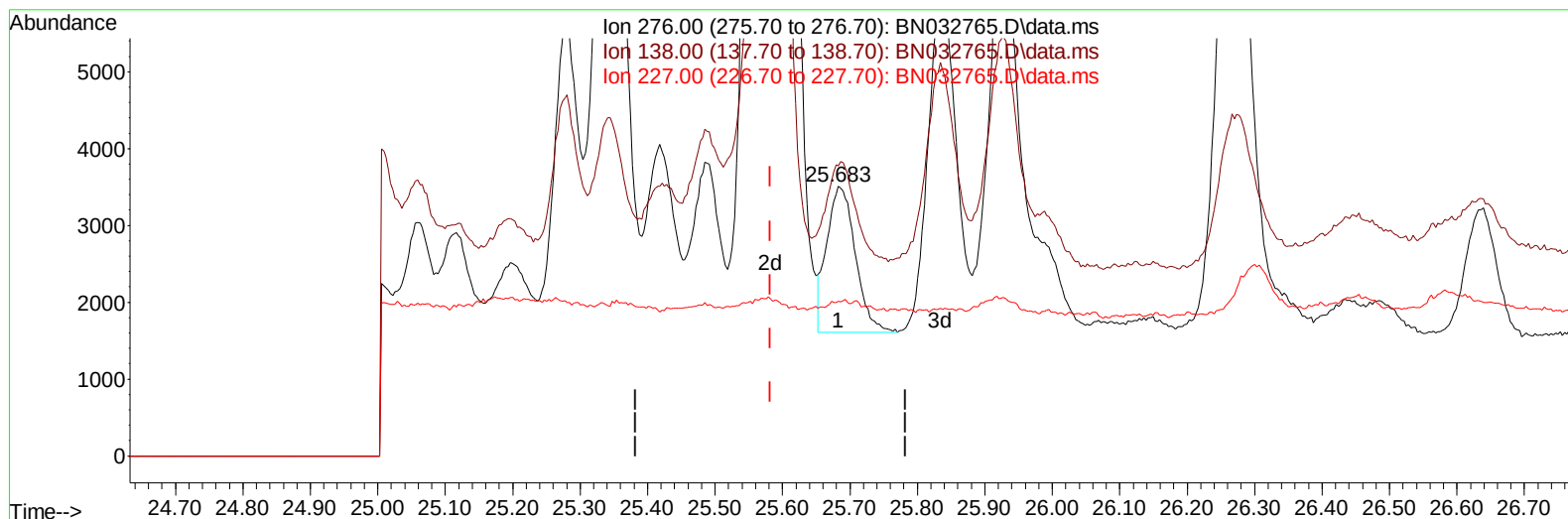
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

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

25.683min (+ 0.100) 0.06 ng/u1

response 5600

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	70.07#
227.00	0.00	3.07#
0.00	0.00	0.00

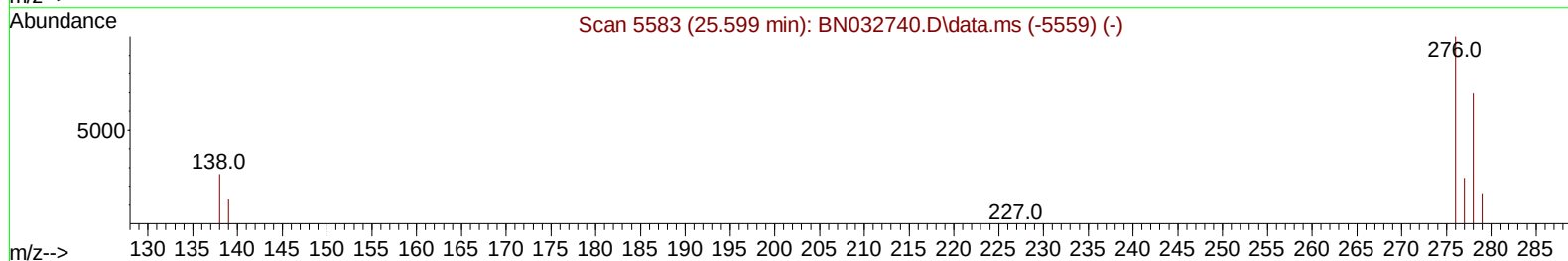
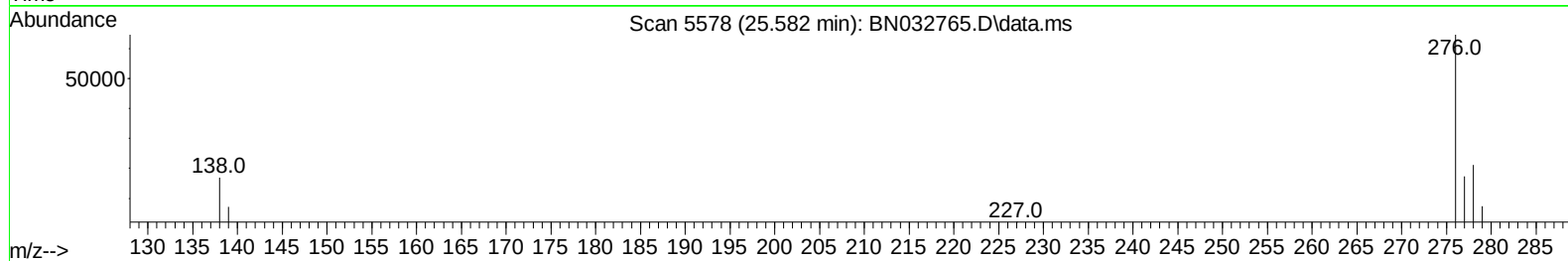
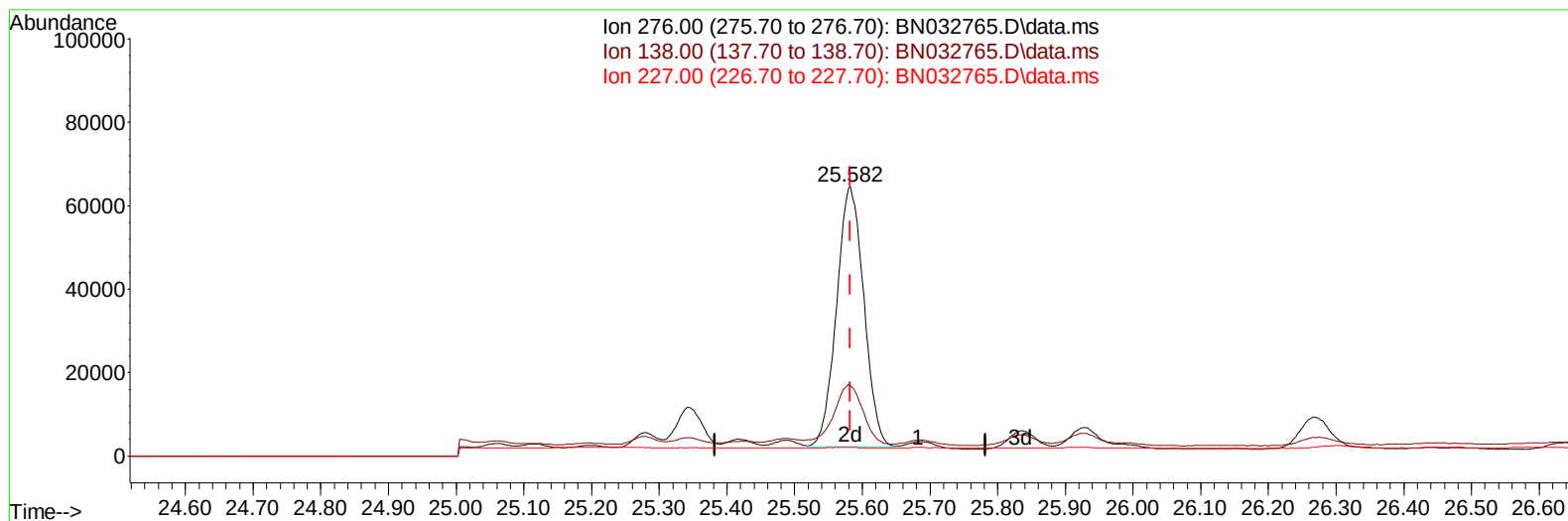
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032765.D
 Acq On : 17 Jul 2024 06:22
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

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

25.582min (-0.000) 1.82 ng/ul m

response 173990

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	2.26#
227.00	0.00	0.10#
0.00	0.00	0.00

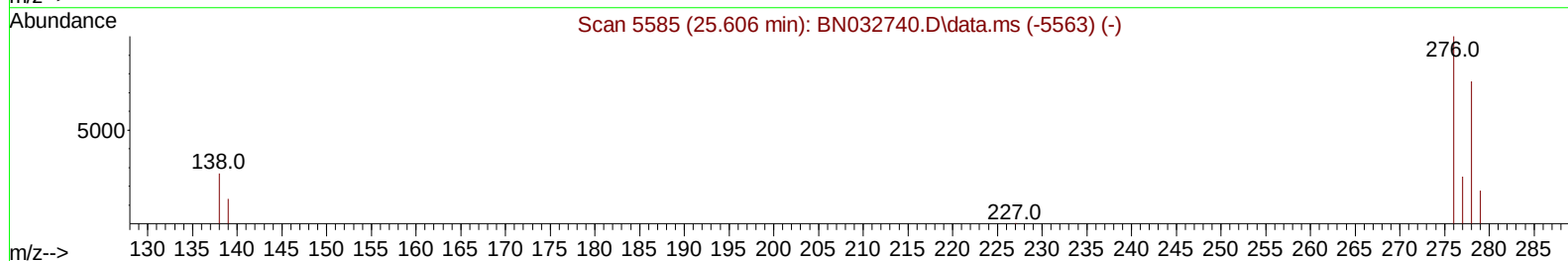
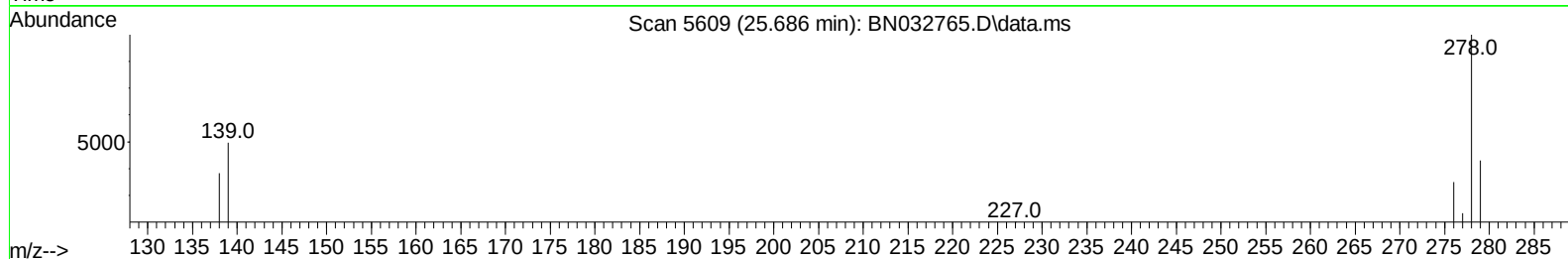
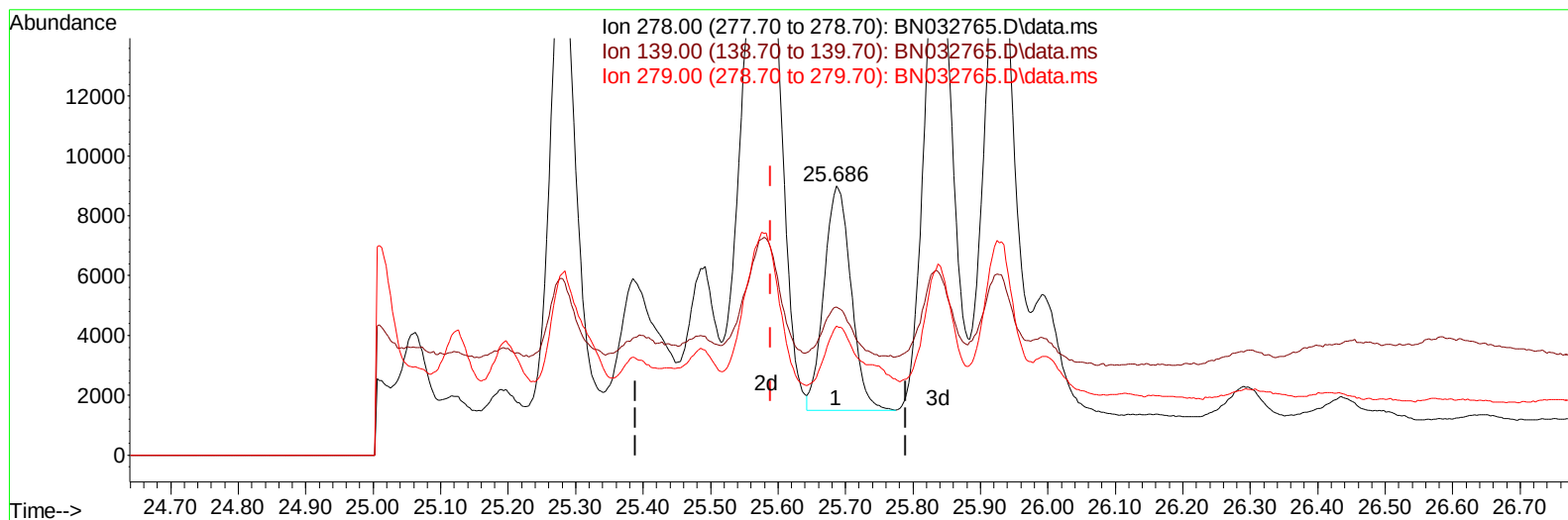
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(28) Dibenzo(a,h)anthracene

25.686min (+ 0.097) 0.28 ng/u1

response 20833

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	55.13#
279.00	29.60	47.89#
0.00	0.00	0.00

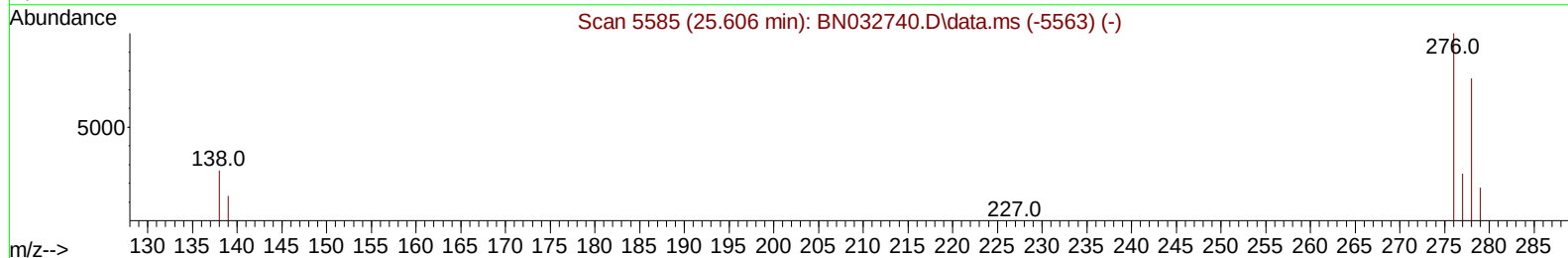
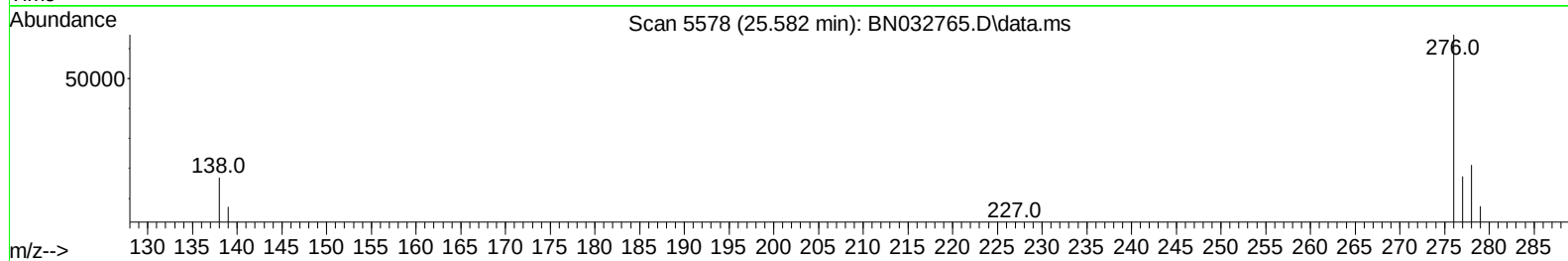
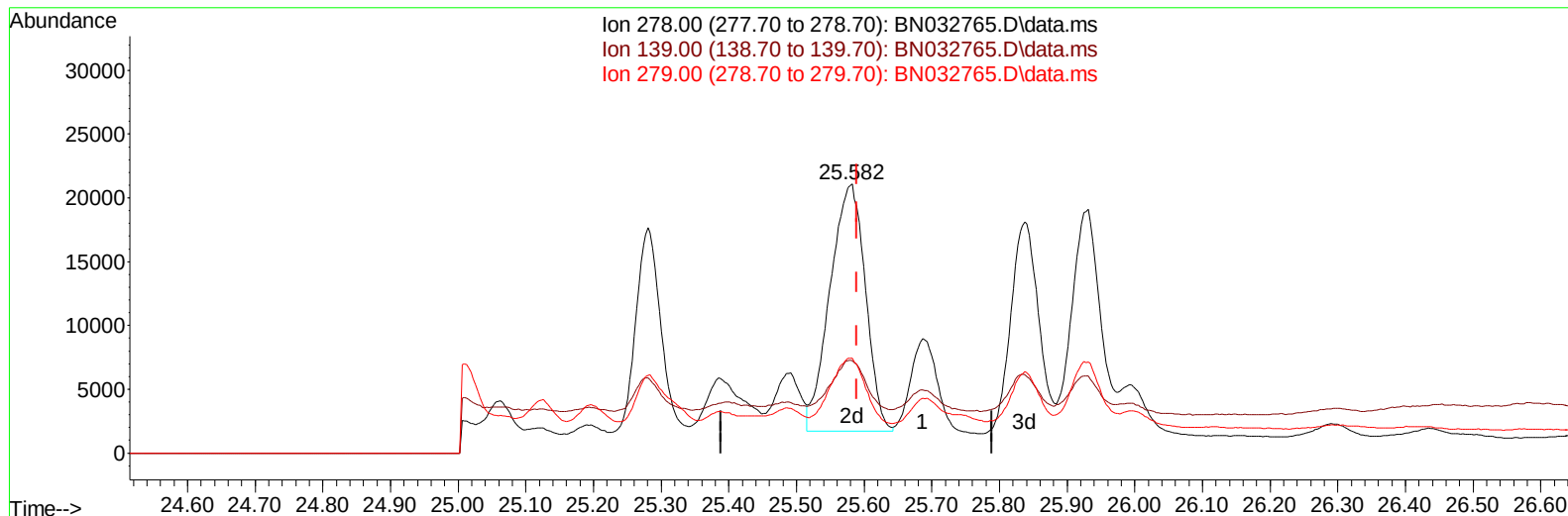
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 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: BN032765.D\data.ms

(28) Dibenzo(a,h)anthracene

25.582min (-0.007) 0.95 ng/ul m

response 70294

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	34.34#
279.00	29.60	35.29
0.00	0.00	0.00

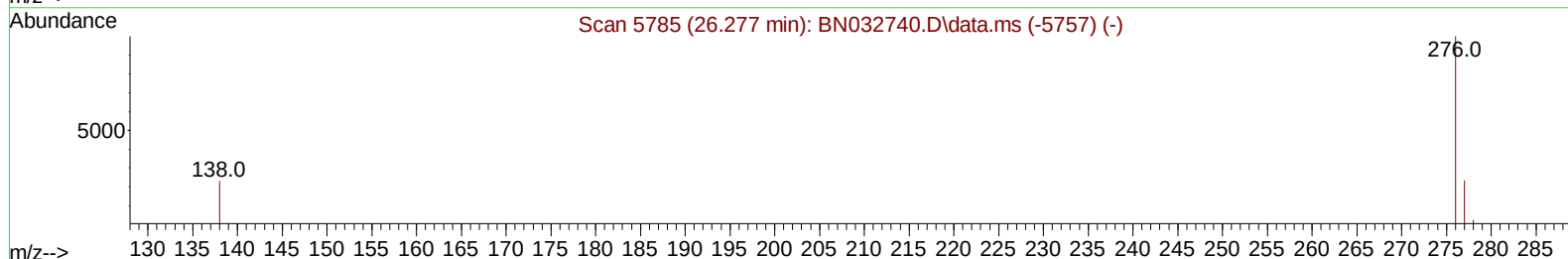
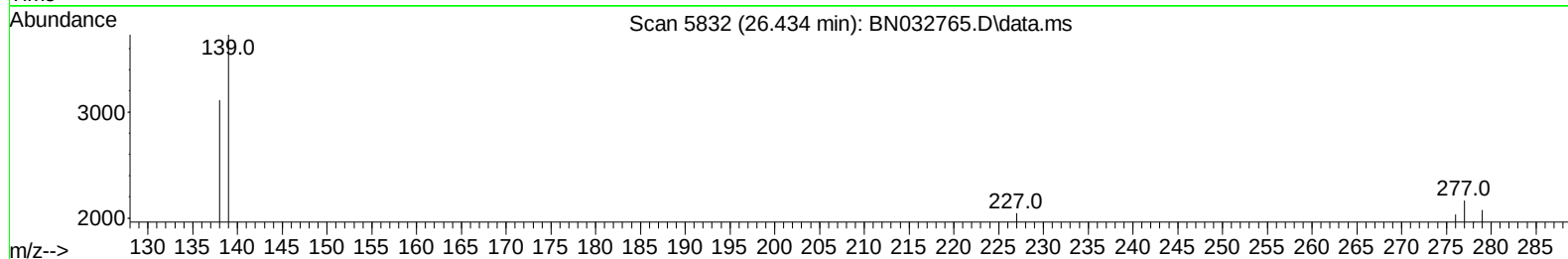
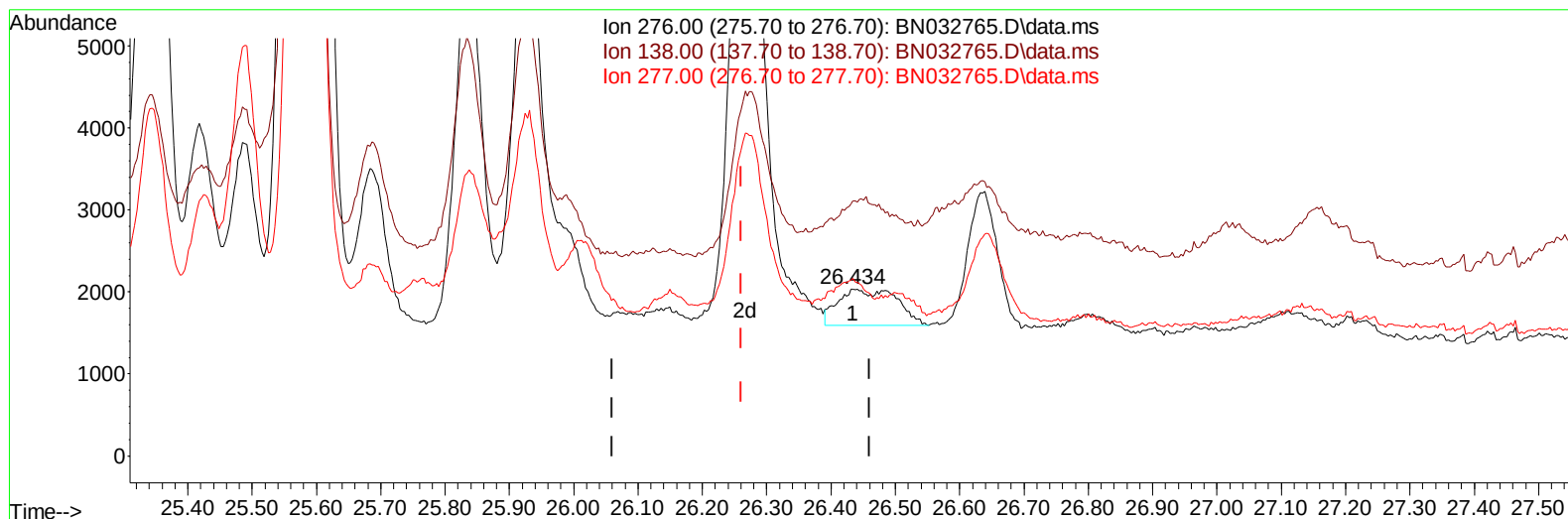
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
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TIC: BN032765.D\data.ms

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

26.434min (+ 0.174) 0.04 ng/u1

response 2803

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	152.75#
277.00	25.80	106.39#
0.00	0.00	0.00

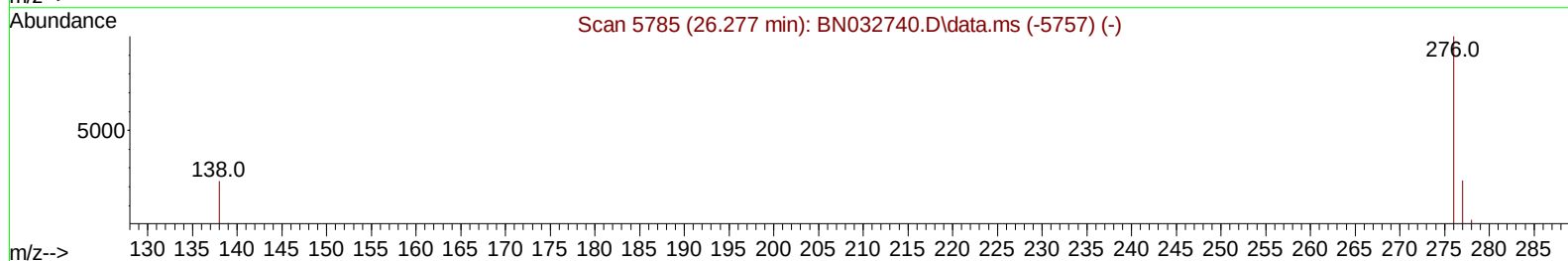
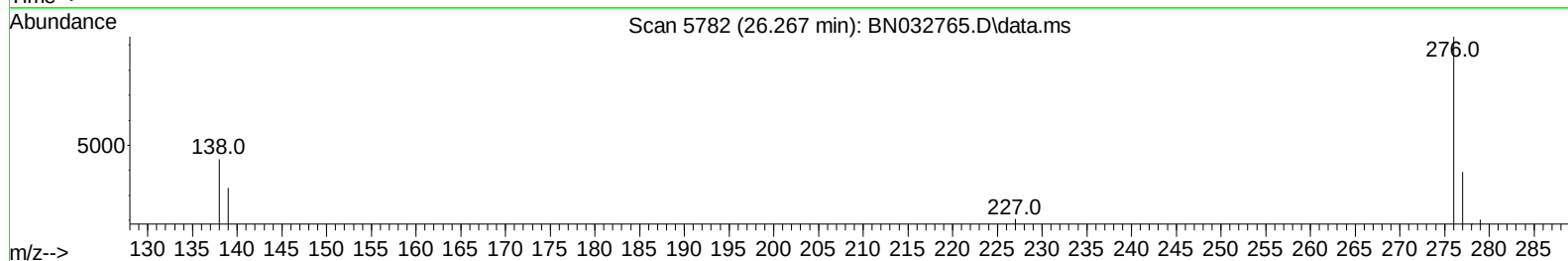
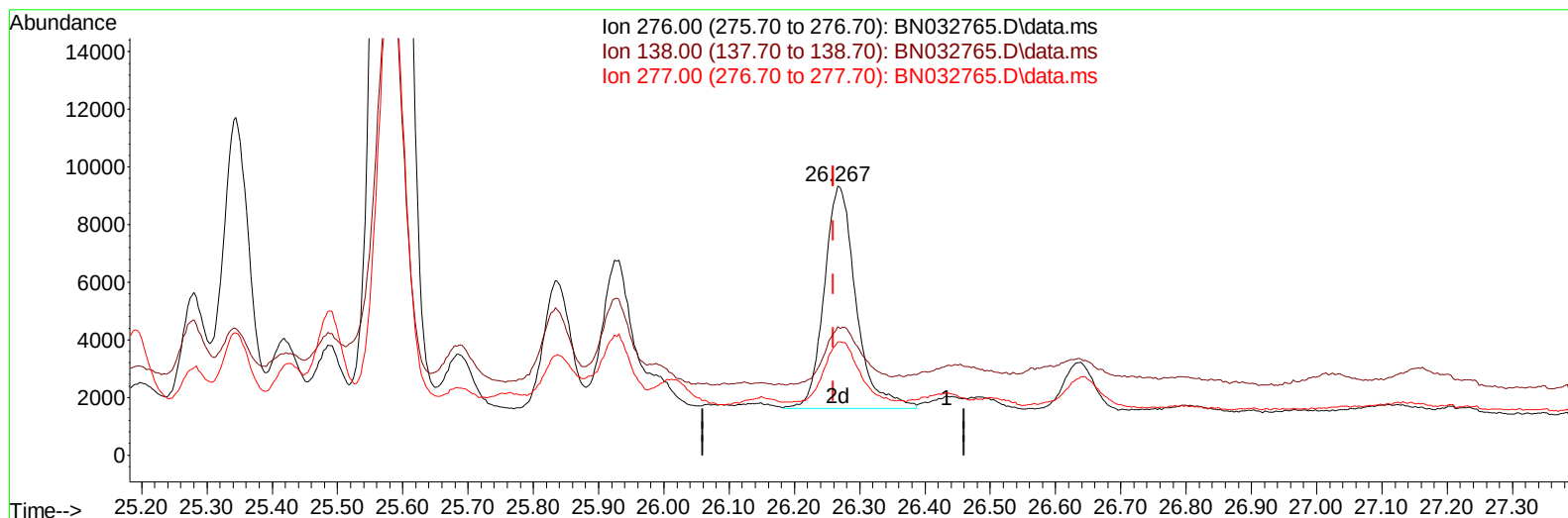
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032765.D
 Acq On : 17 Jul 2024 06:22
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
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 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: BN032765.D\data.ms

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

26.267min (+ 0.007) 0.33 ng/ul m

response 26190

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	47.70#
277.00	25.80	42.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032765.D
 Acq On : 17 Jul 2024 06:22
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:48:53 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5766	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	17510	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	11386	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	23456m	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	19066m	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	23104m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	31143	4.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	7205	0.272	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	15197m	0.245	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.365	128	19143	0.407	ng/ul	99
7) 2-Methylnaphthalene	11.988	142	5872	0.200	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4173	0.137	ng/ul	98
10) Acenaphthylene	13.915	152	38259	0.832	ng/ul	100
11) Acenaphthene	14.258	153	13417	0.353	ng/ul	99
12) Fluorene	15.252	166	16039	0.369	ng/ul	99
15) Phenanthrene	16.995	178	329445m	5.157	ng/ul	
16) Anthracene	17.088	178	68322m	1.309	ng/ul	
19) Fluoranthene	19.027	202	686944m	8.862	ng/ul	
20) Pyrene	19.394	202	530014m	6.606	ng/ul	
21) Benzo(a)anthracene	21.153	228	371560m	6.122	ng/ul	
22) Chrysene	21.206	228	430658m	4.905	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	626672m	7.687	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	231845m	2.334	ng/ul	
26) Benzo(a)pyrene	23.272	252	209295m	2.967	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.582	276	173990m	1.821	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	70294m	0.949	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	26190m	0.328	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032765.D
Acq On : 17 Jul 2024 06:22
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BW9

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:48:53 2024
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