

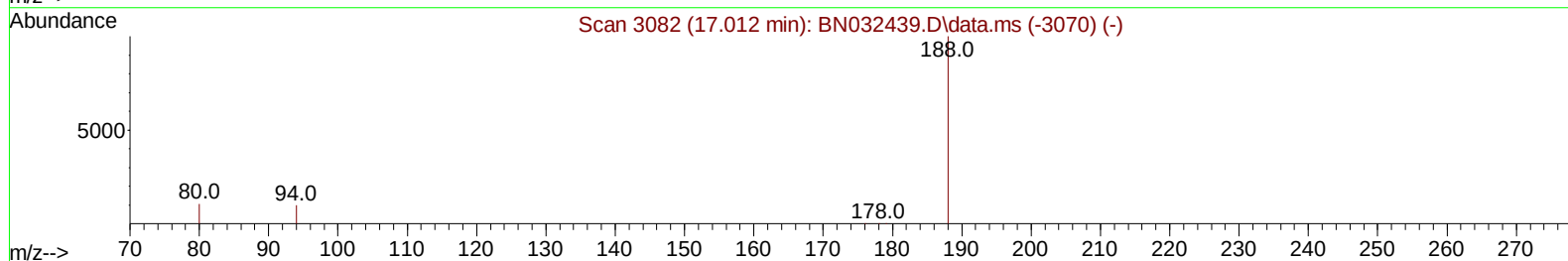
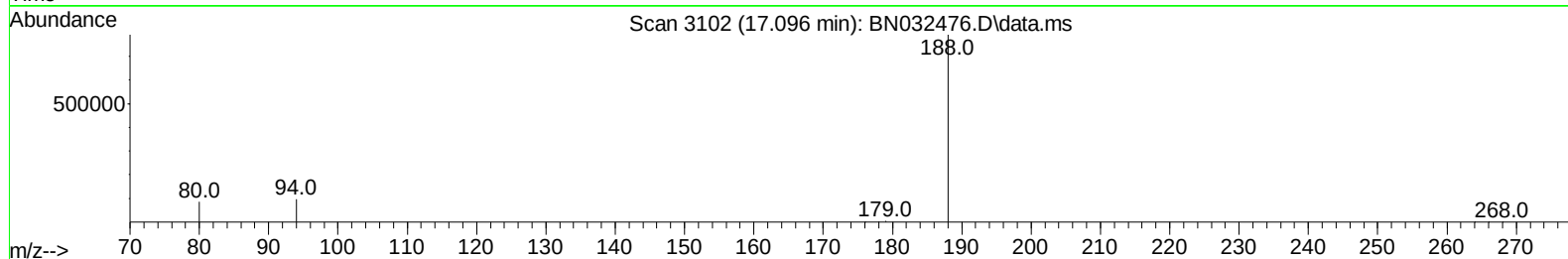
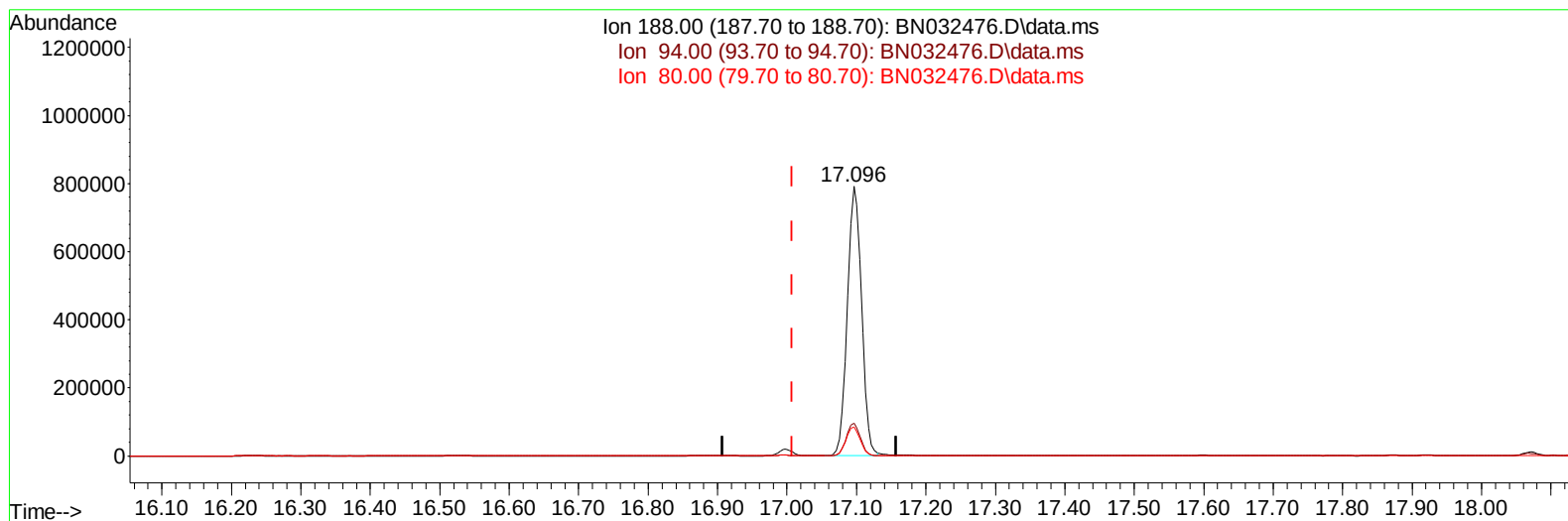
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(13) Phenanthrene-d10 (I)

17.096min (+ 0.089) 0.40 ng/u1

response 1119399

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.10
80.00	10.50	10.74
0.00	0.00	0.00

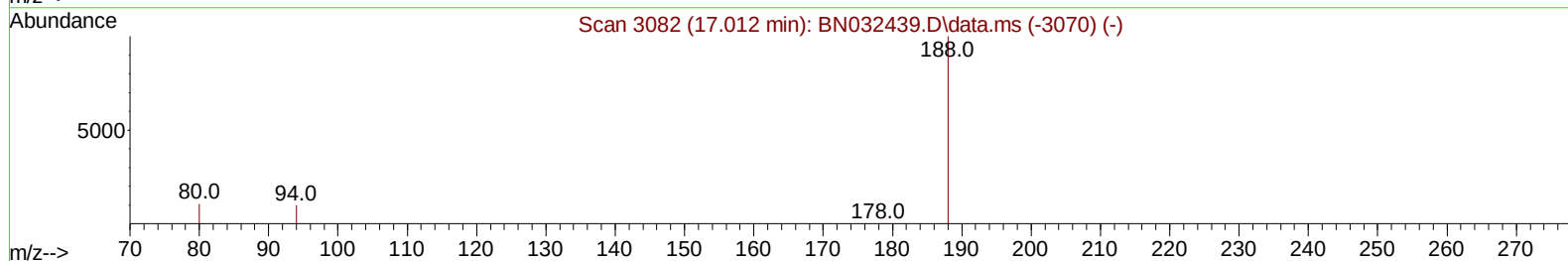
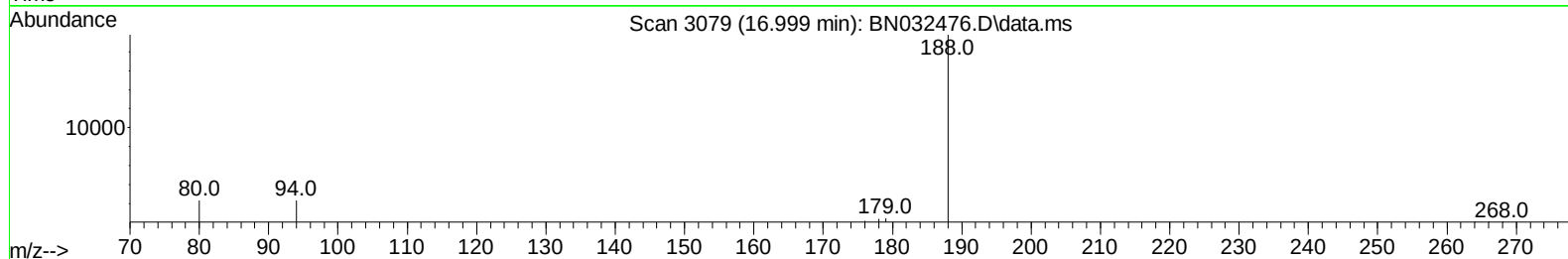
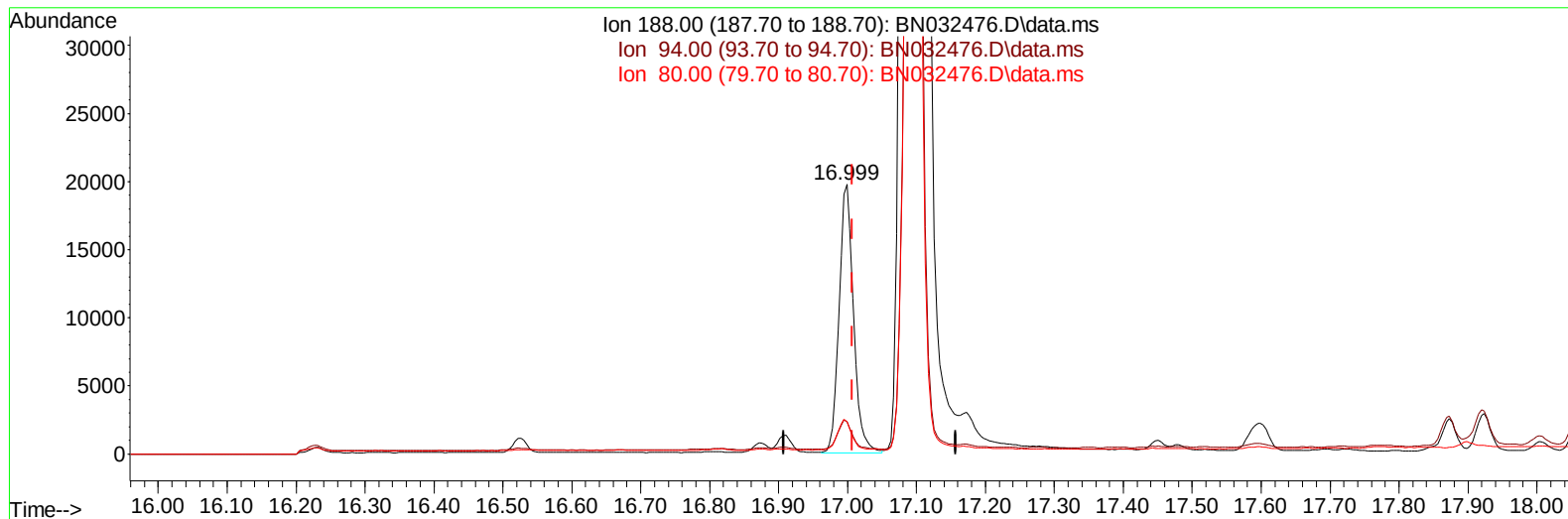
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.008) 0.40 ng/ul m

response 28748

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.88
80.00	10.50	11.89
0.00	0.00	0.00

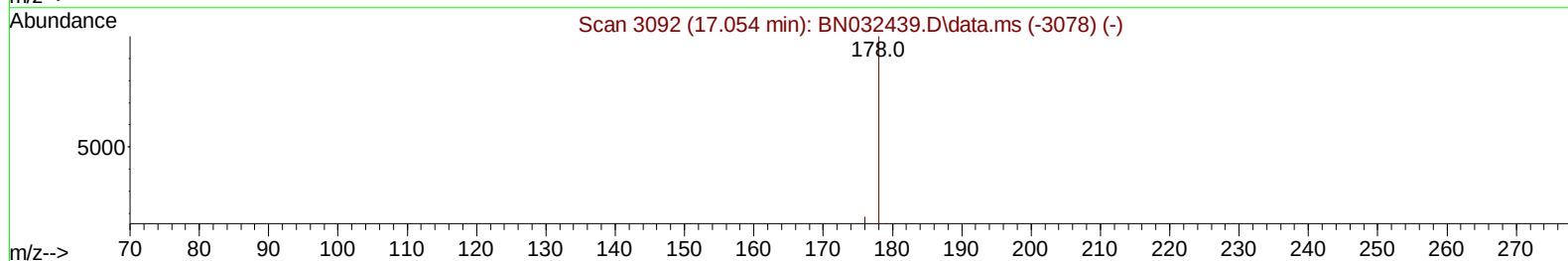
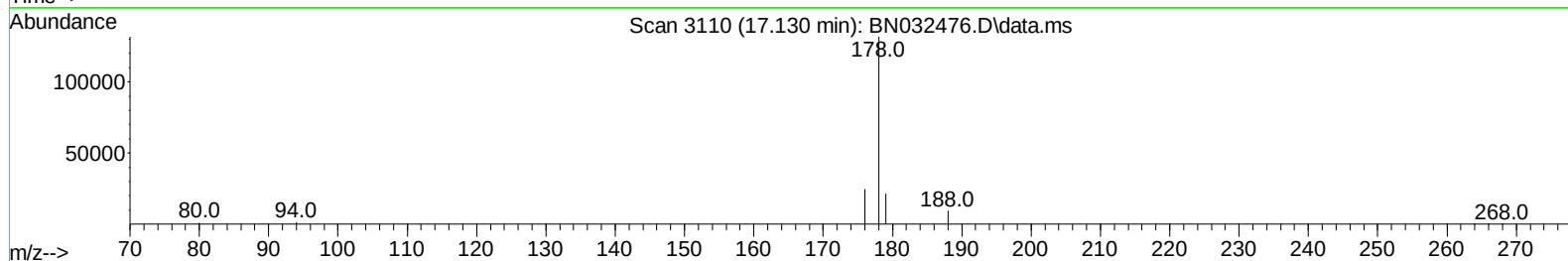
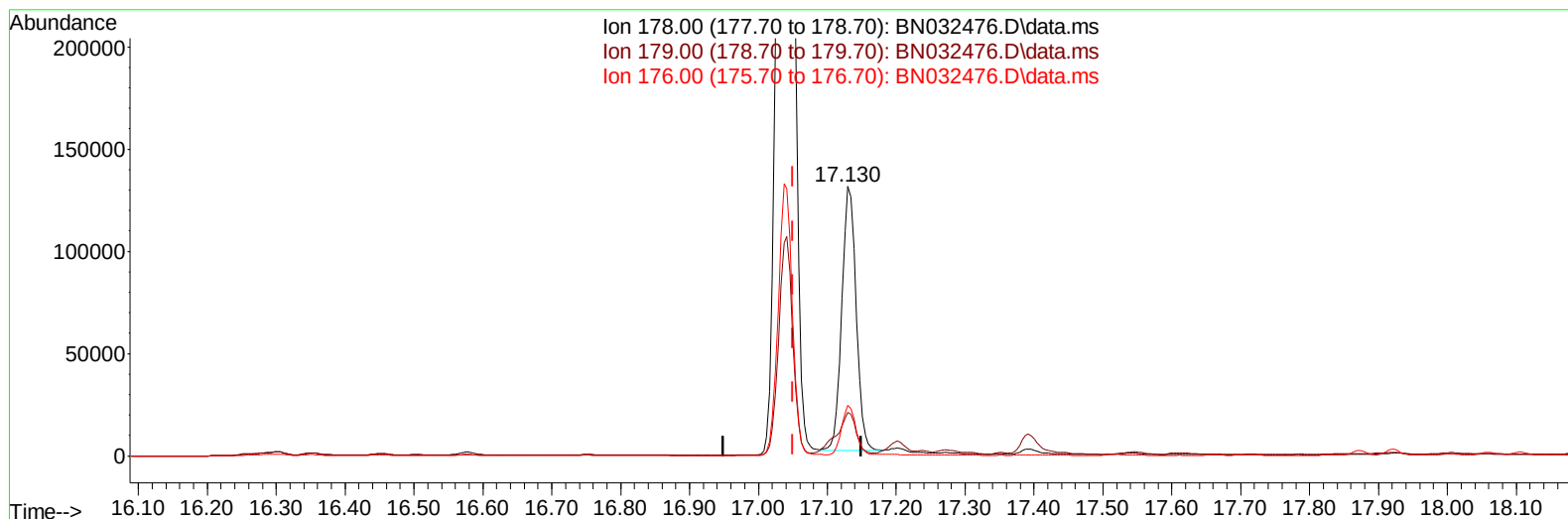
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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TIC: BN032476.D\data.ms

(15) Phenanthrene

17.130min (+ 0.080) 2.36 ng/ul

response 185652

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.22
176.00	19.50	18.74
0.00	0.00	0.00

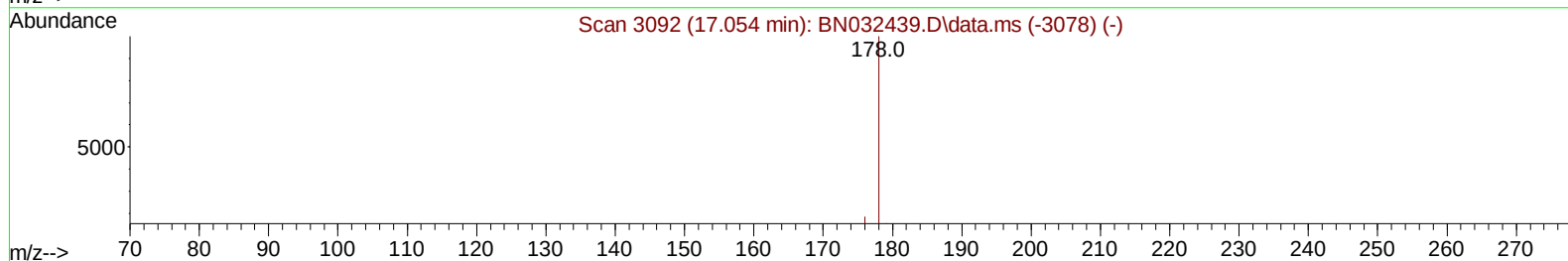
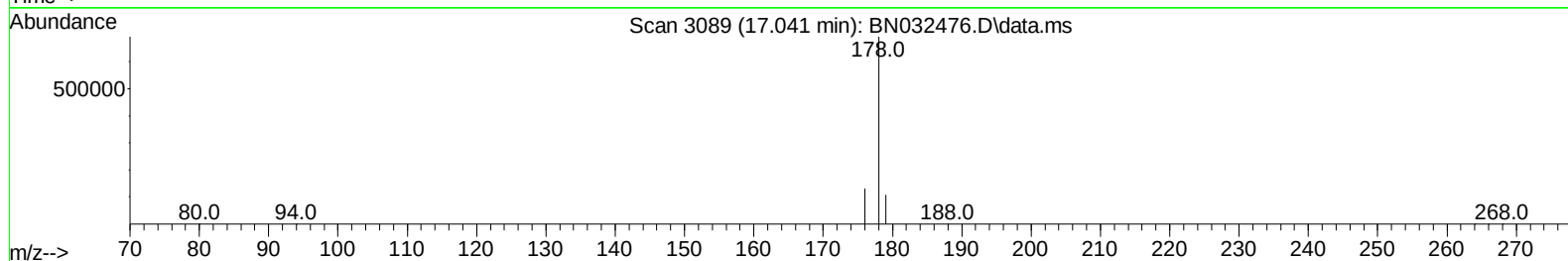
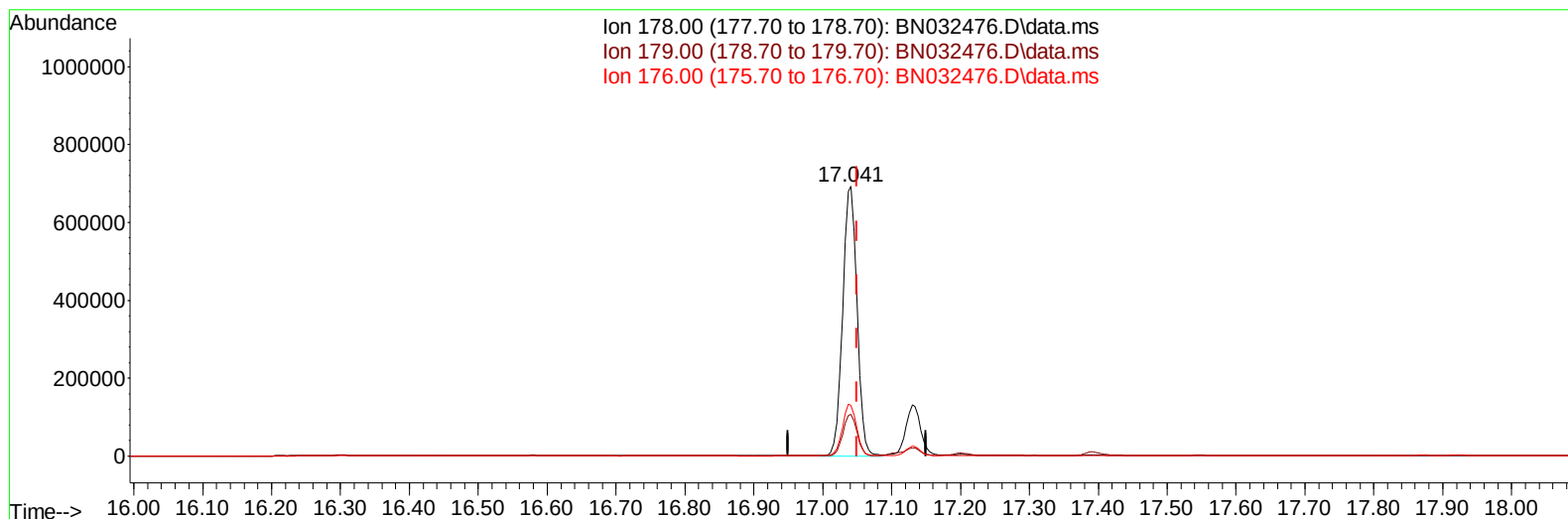
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(15) Phenanthrene

17.041min (-0.008) 12.67 ng/ul m

response 998633

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.53
176.00	19.50	18.85
0.00	0.00	0.00

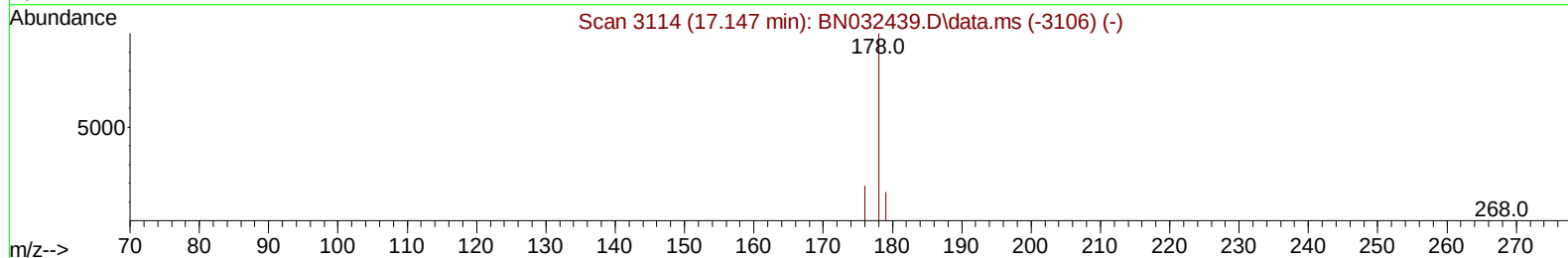
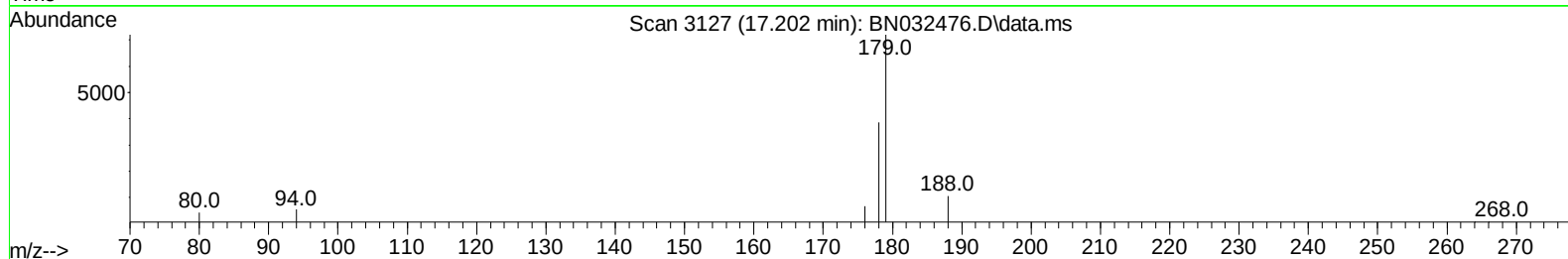
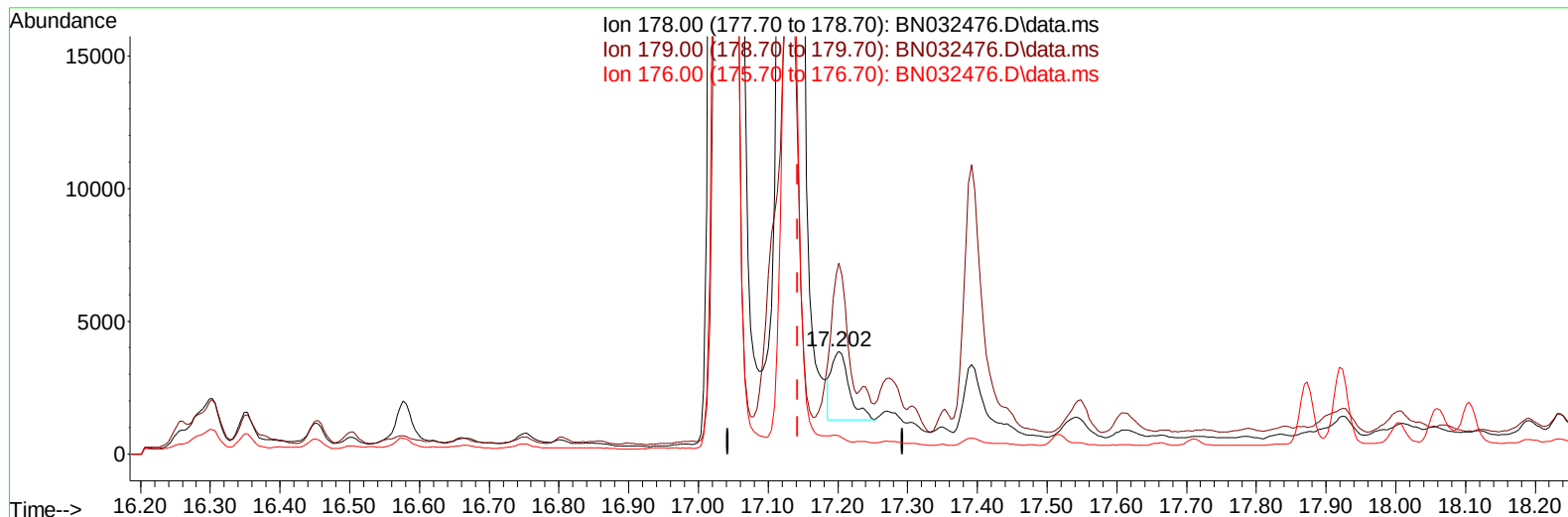
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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TIC: BN032476.D\data.ms

(16) Anthracene

17.202min (+ 0.059) 0.07 ng/ul

response 4589

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	186.02#
176.00	18.80	17.42
0.00	0.00	0.00

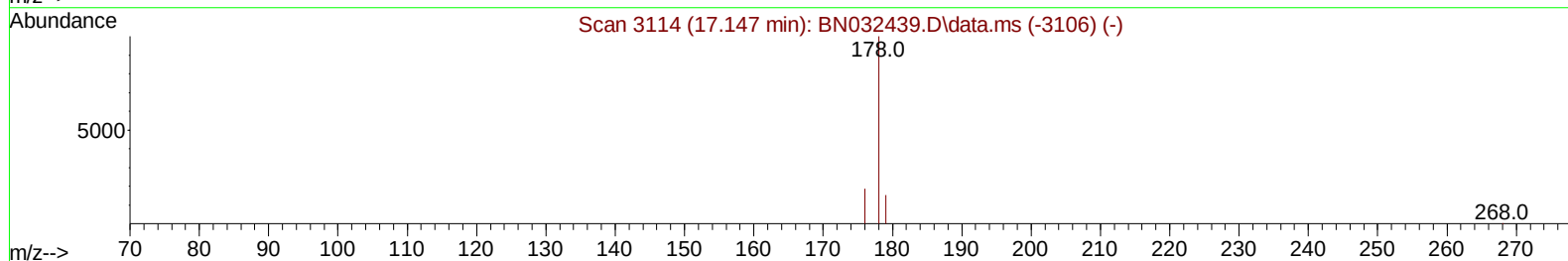
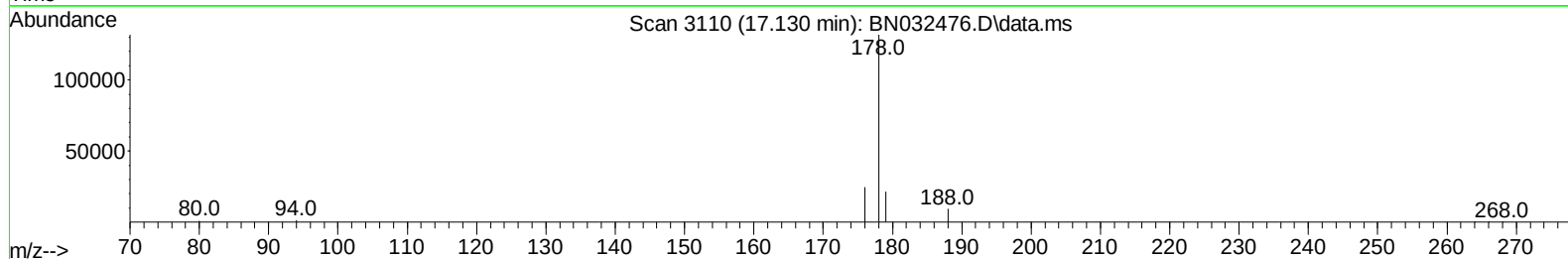
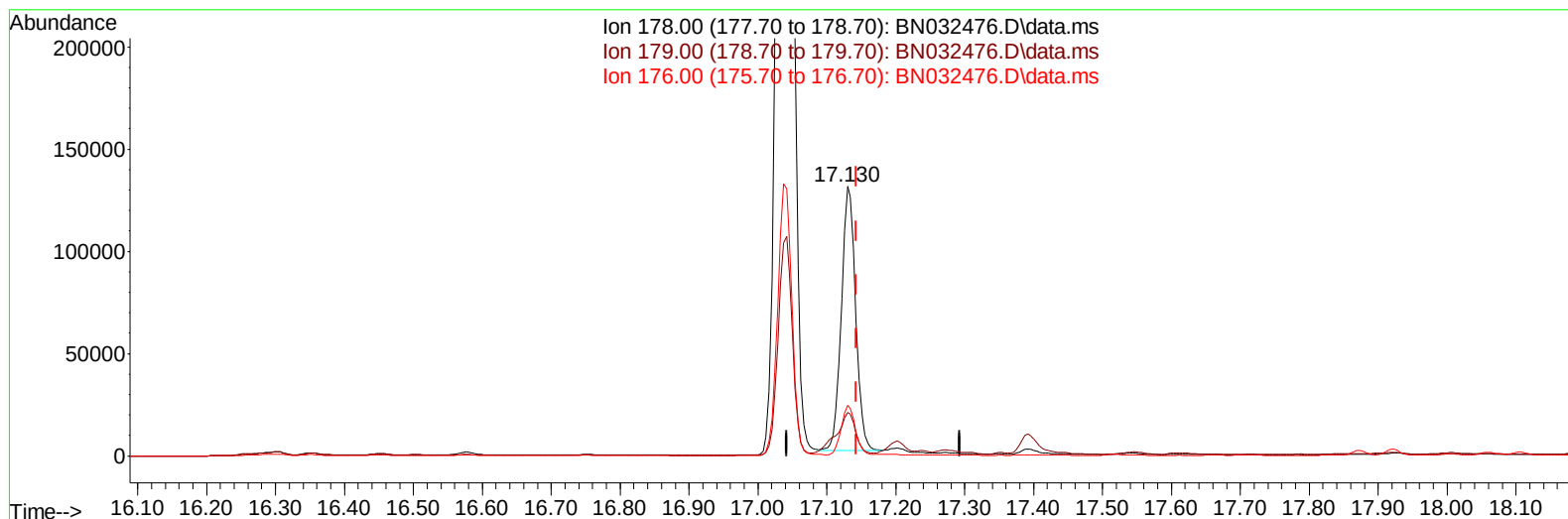
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(16) Anthracene

17.130min (-0.013) 2.65 ng/ul m

response 186315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.22
176.00	18.80	18.74
0.00	0.00	0.00

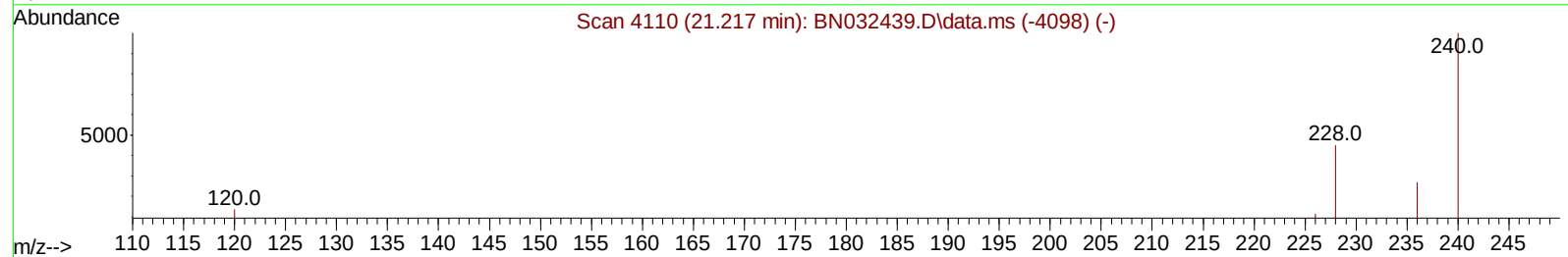
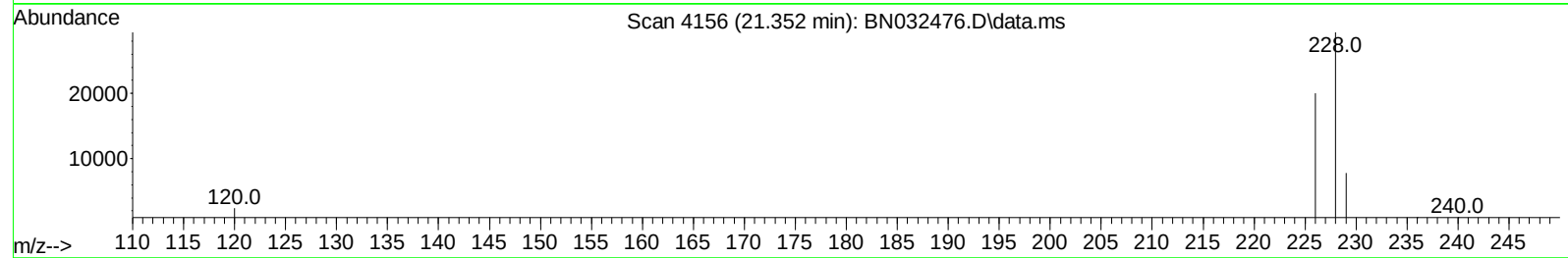
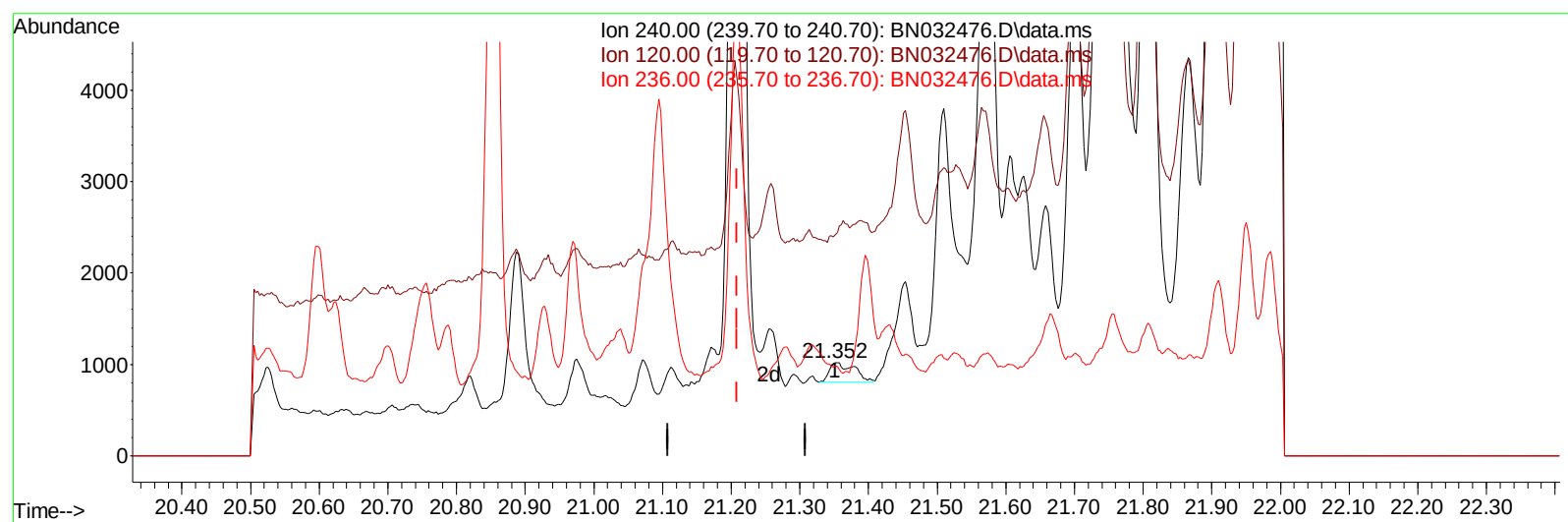
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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TIC: BN032476.D\data.ms

(17) Chrysene-d12

21.352min (+ 0.143) 0.40 ng/u1

response 545

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	237.13#
236.00	28.40	96.76#
0.00	0.00	0.00

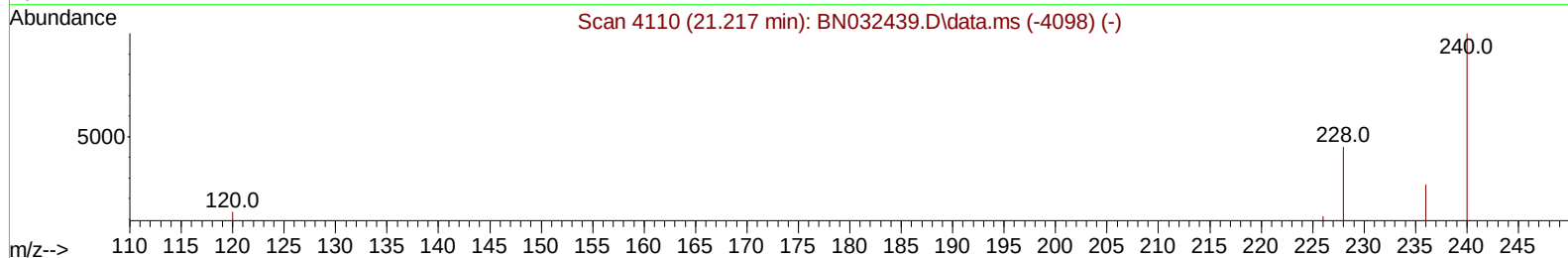
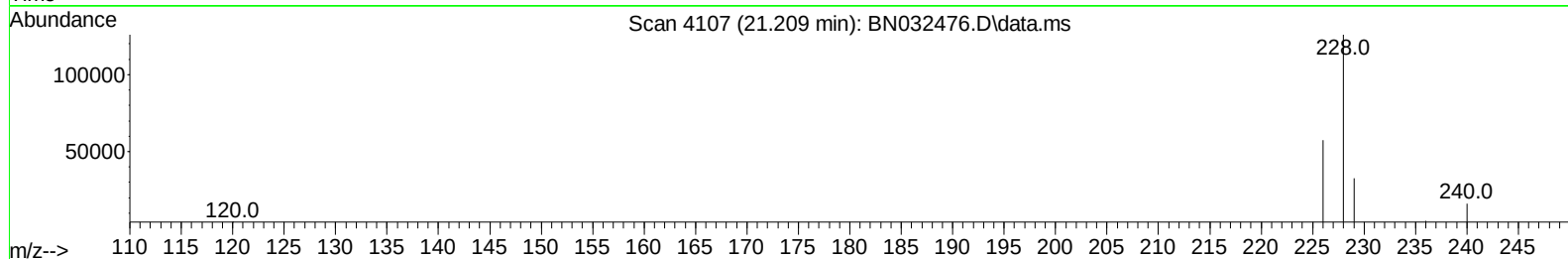
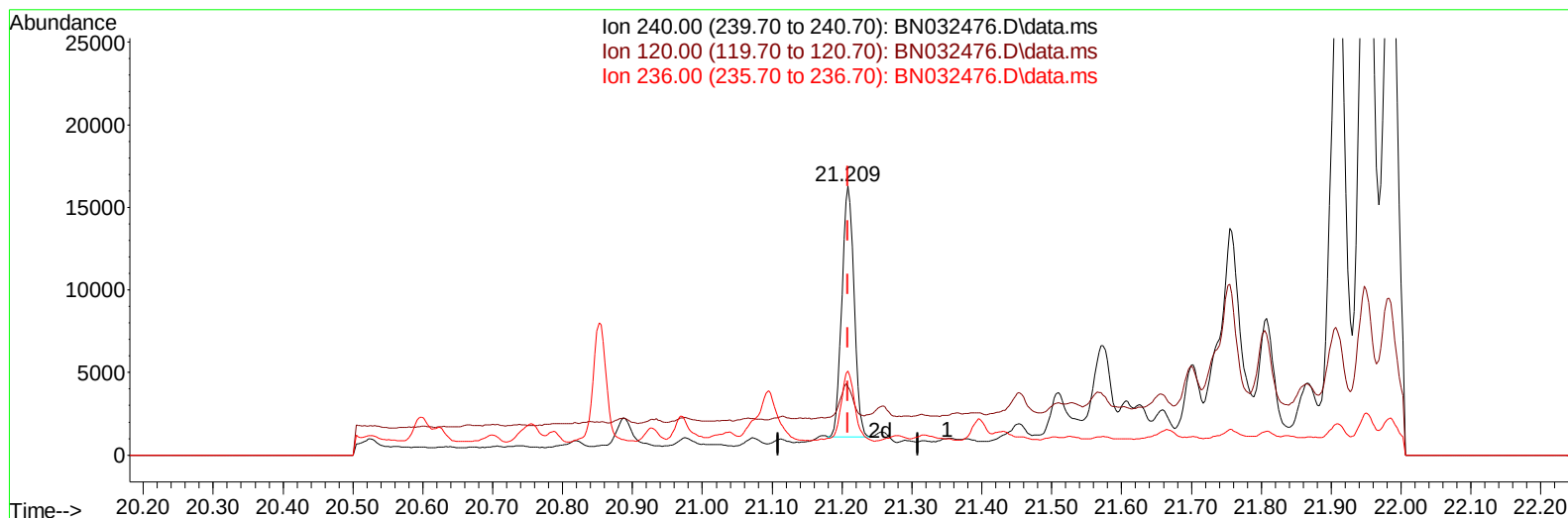
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(17) Chrysene-d12

21.209min (0.000) 0.40 ng/ul m

response 18591

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	25.42#
236.00	28.40	31.27
0.00	0.00	0.00

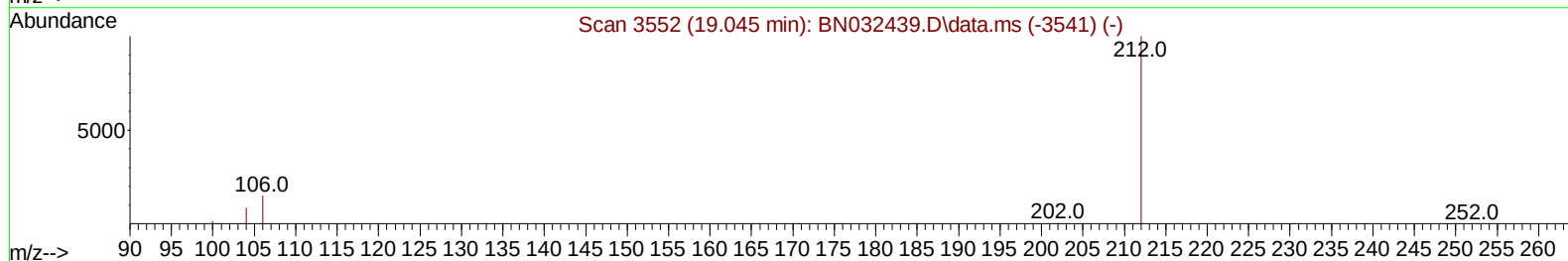
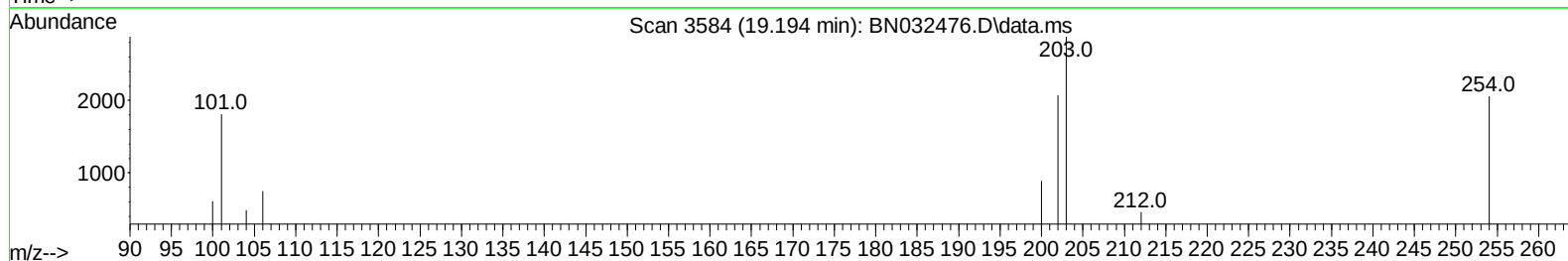
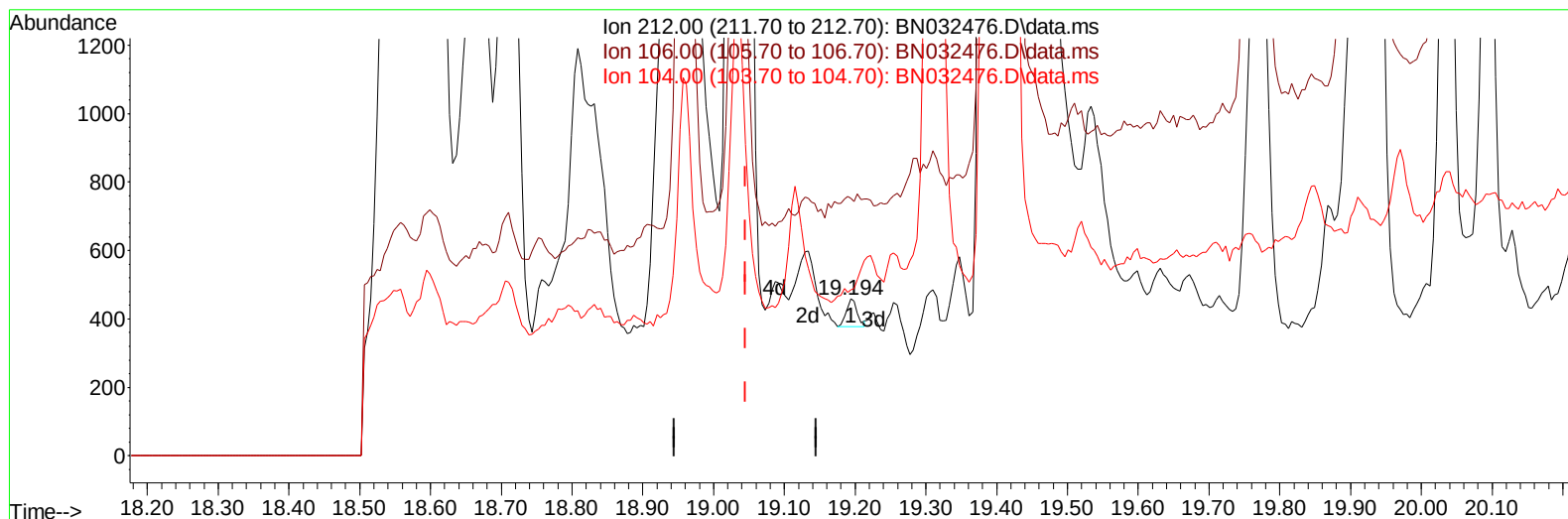
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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TIC: BN032476.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.194min (+ 0.149) 0.00 ng/u1

response 89

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	286.52#
104.00	8.40	0.00#
0.00	0.00	0.00

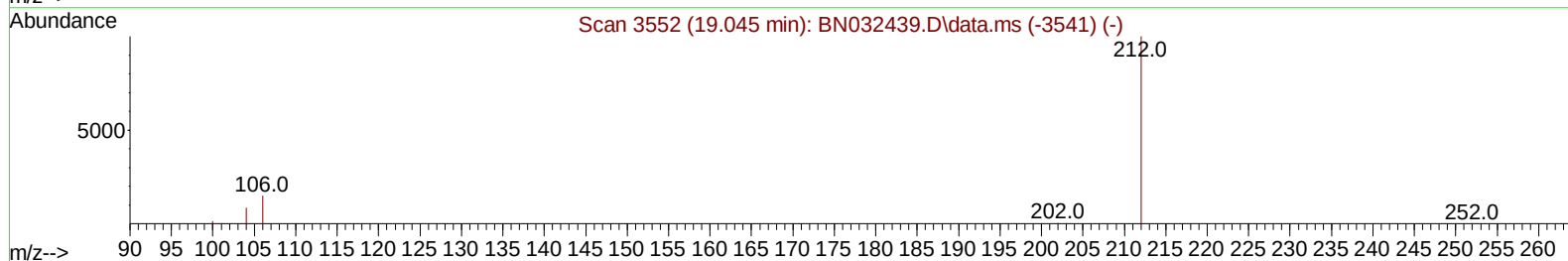
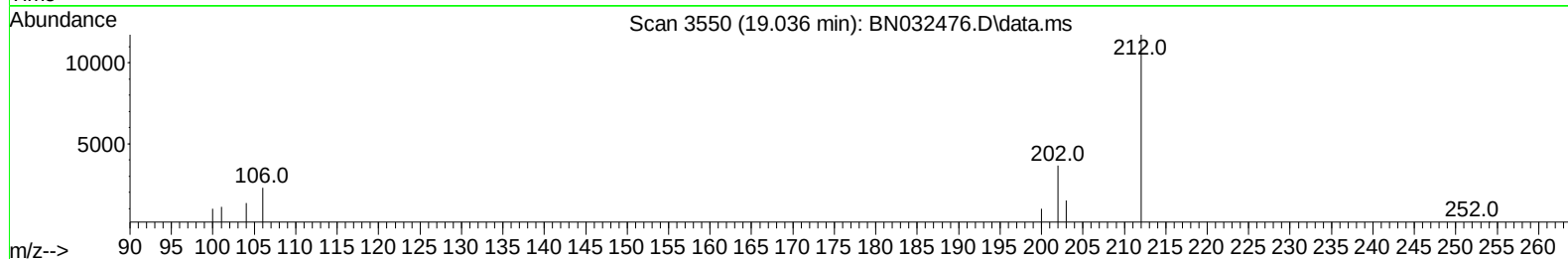
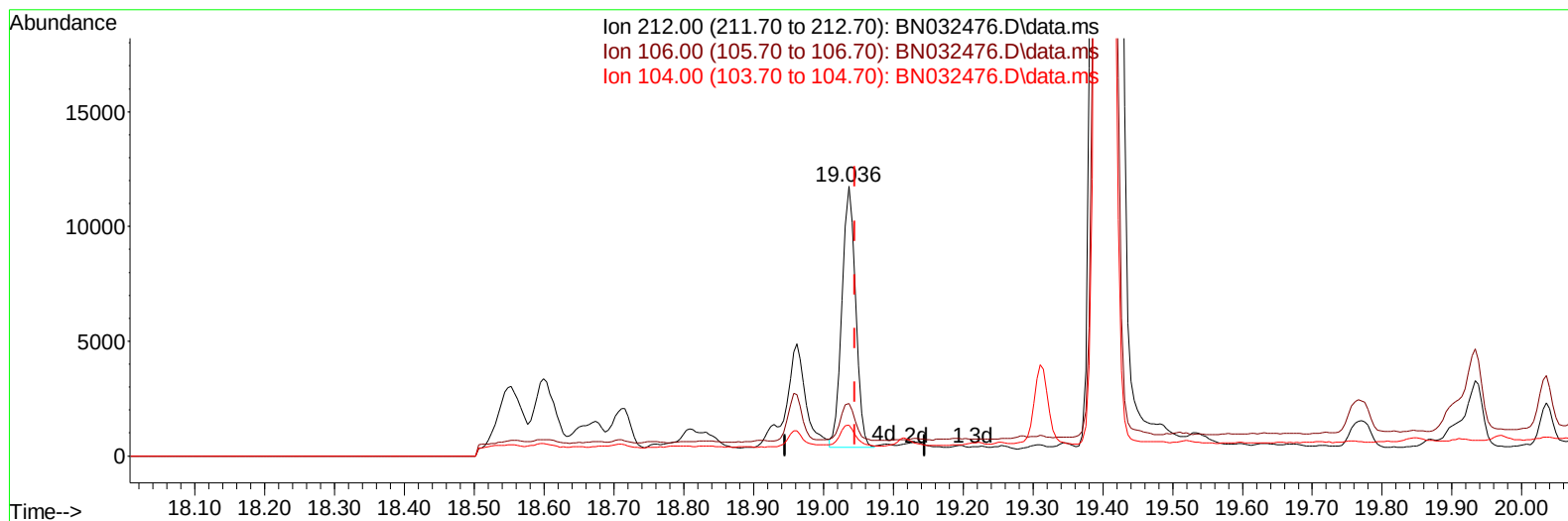
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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TIC: BN032476.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.036min (-0.009) 0.27 ng/ul m

response 15279

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	1.67#
104.00	8.40	0.00#
0.00	0.00	0.00

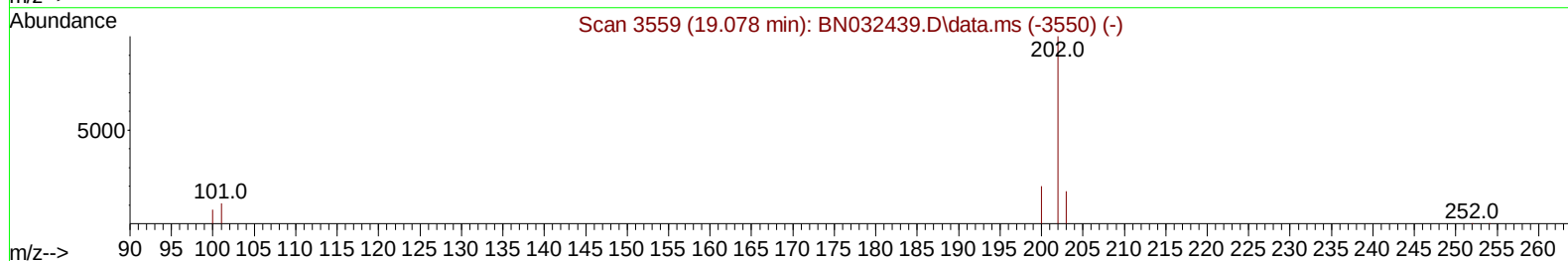
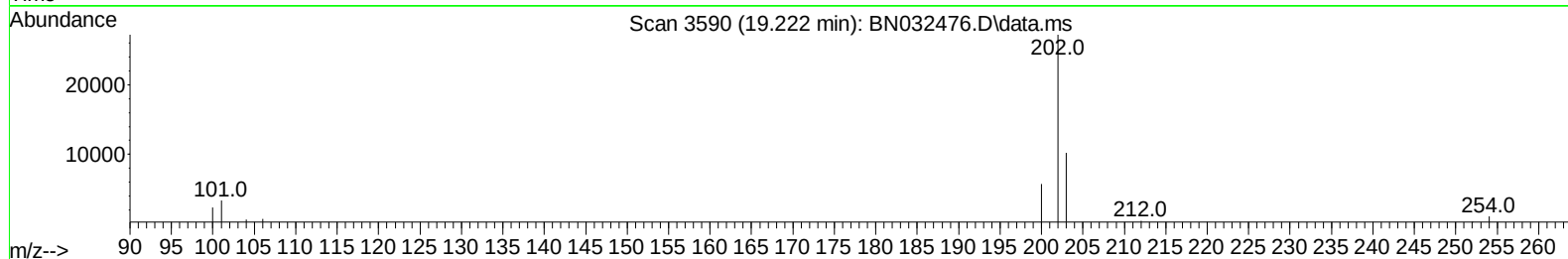
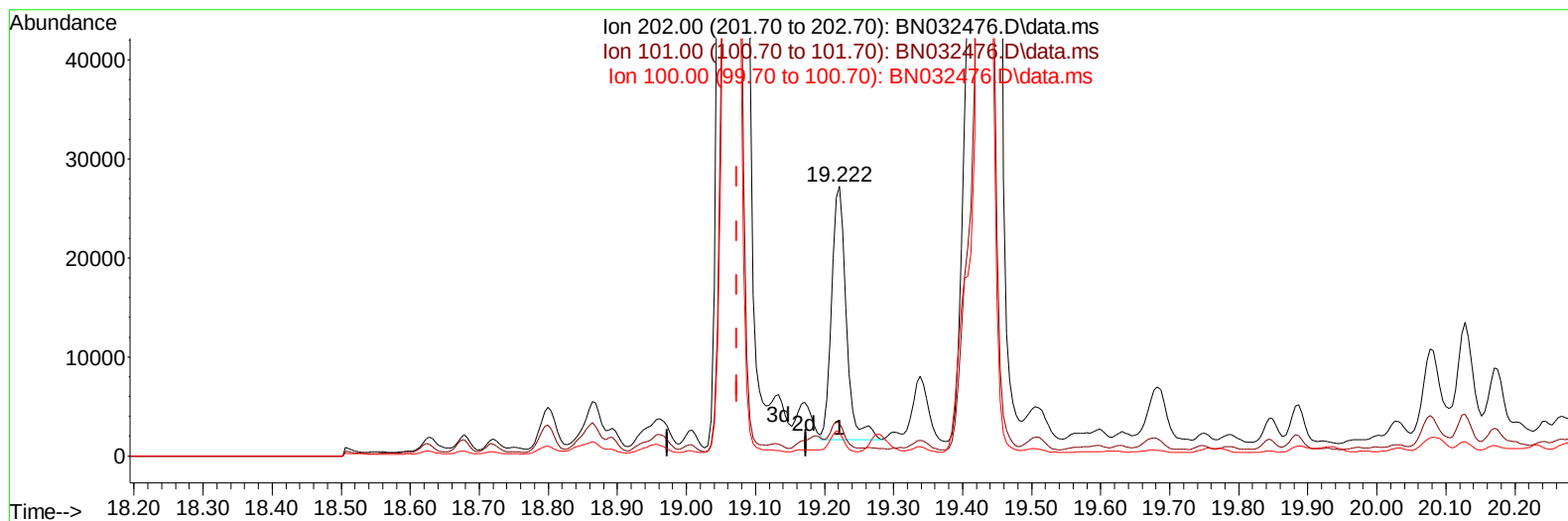
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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TIC: BN032476.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 0.53 ng/u1

response 37731

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.20
100.00	8.00	8.72
0.00	0.00	0.00

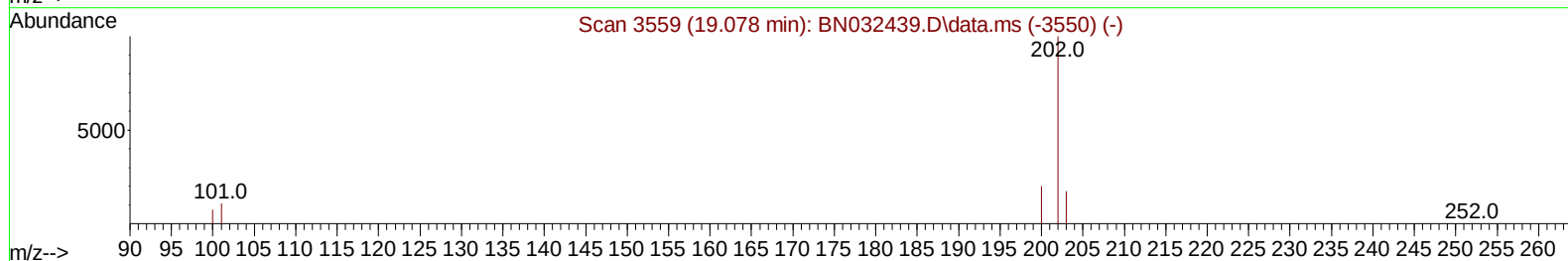
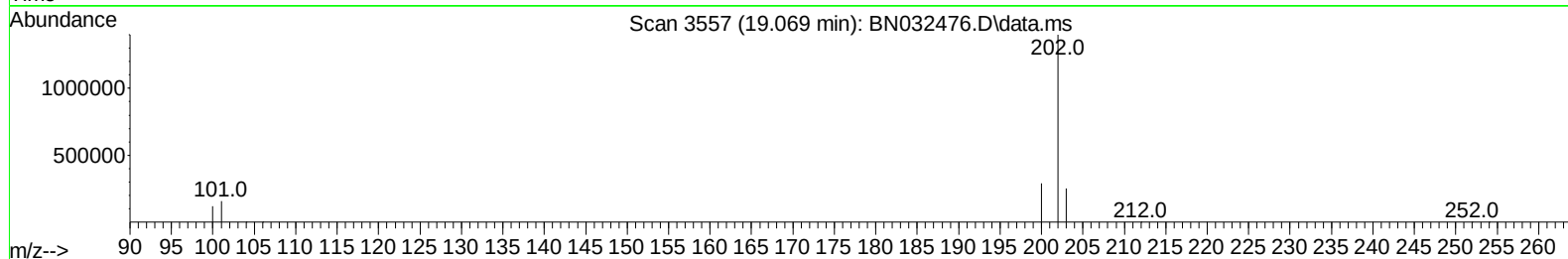
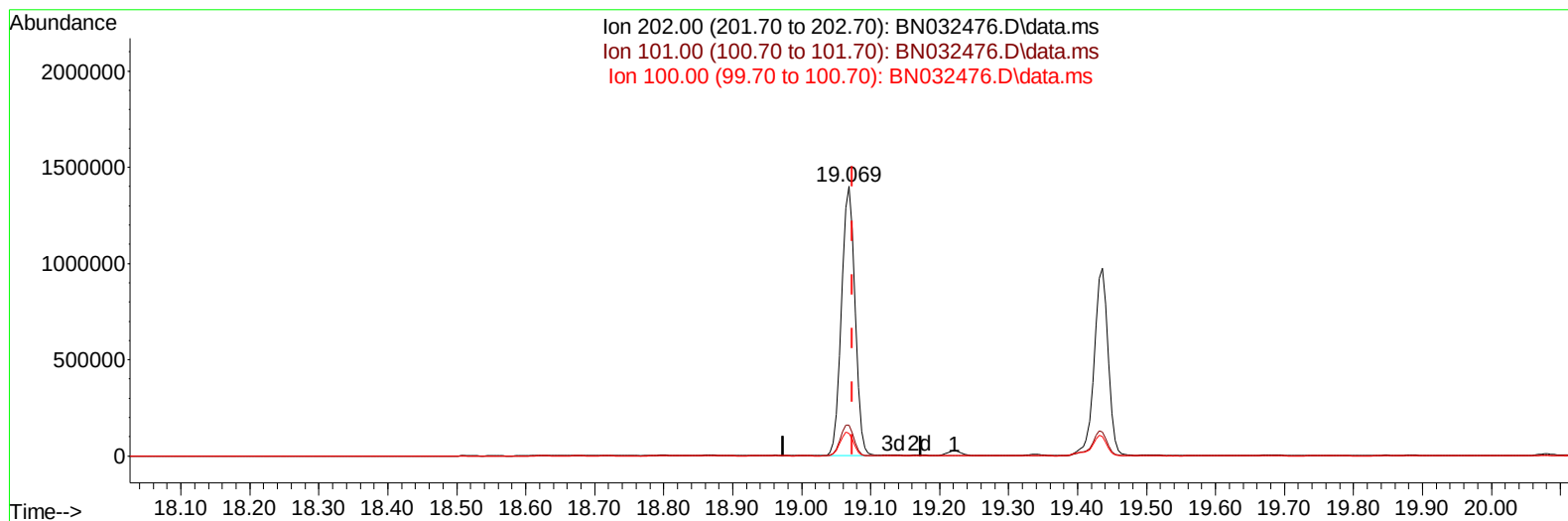
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.005) 27.34 ng/ul m

response 1935238

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.36
100.00	8.00	8.50
0.00	0.00	0.00

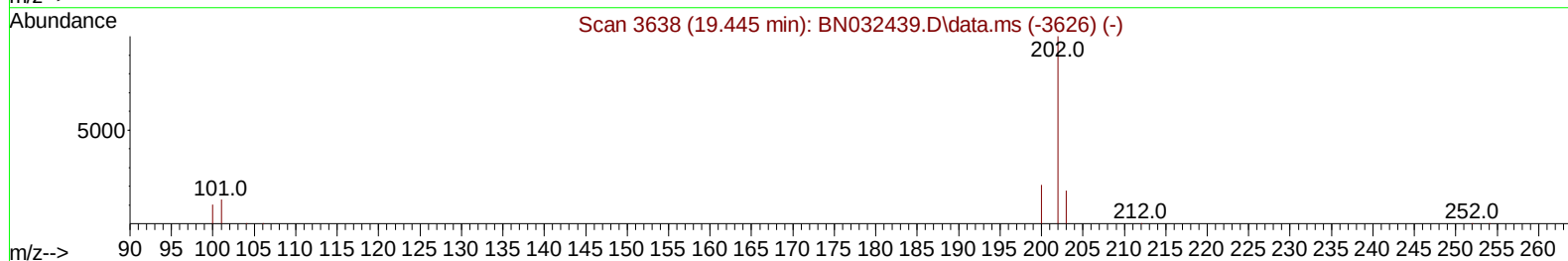
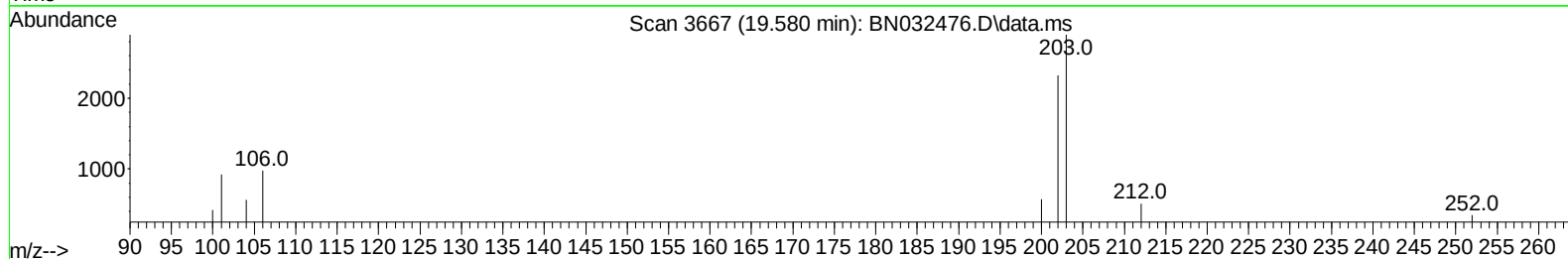
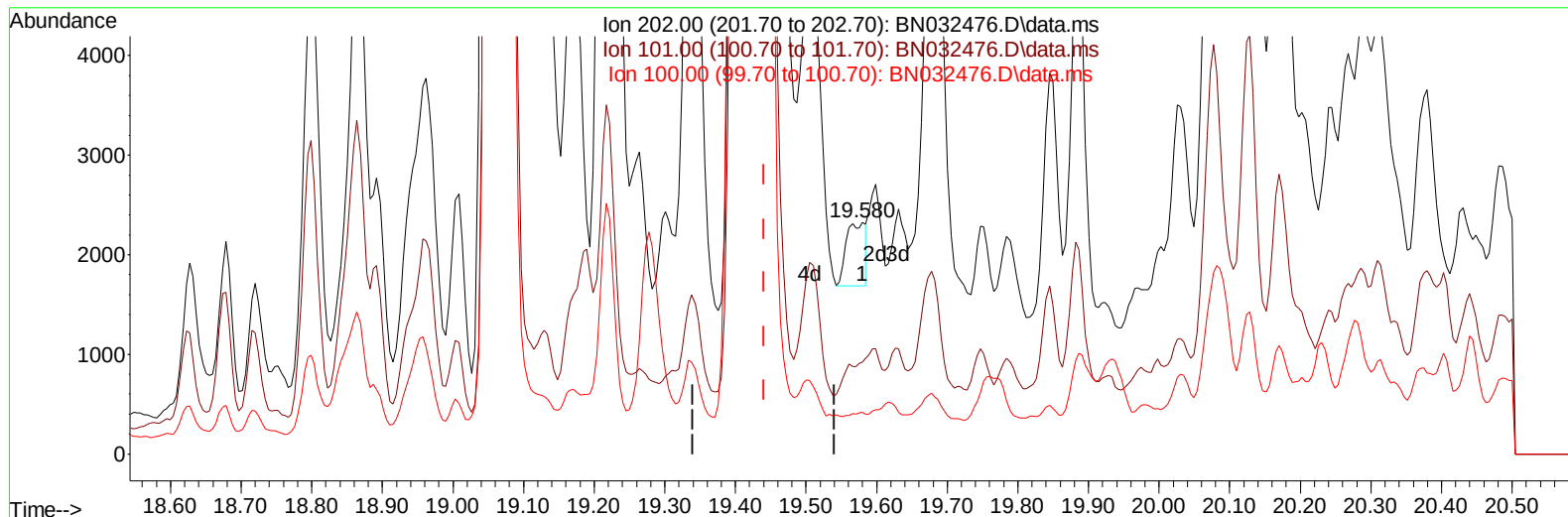
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032476.D
 Acq On : 04 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5

Manual IntegrationsAPPROVED

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 QLast Update : Wed Jul 03 03:26:42 2024
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 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(20) Pyrene

19.580min (+ 0.139) 0.02 ng/u1

response 1202

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	39.71#
100.00	10.90	18.05#
0.00	0.00	0.00

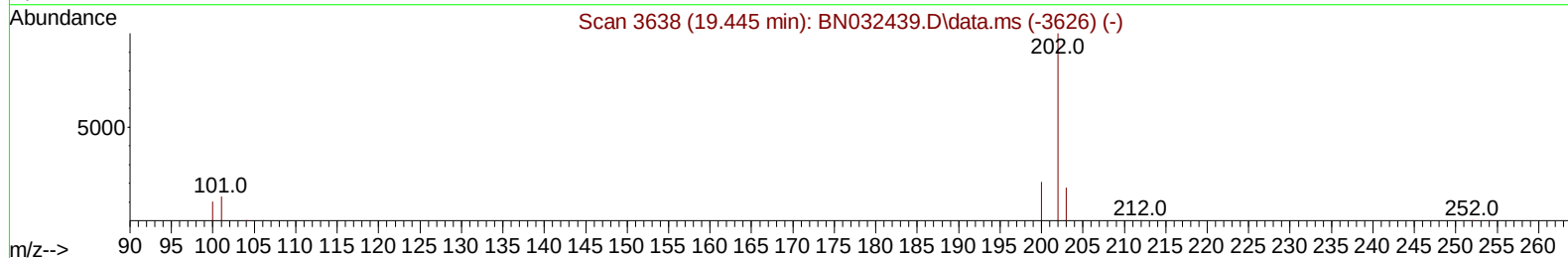
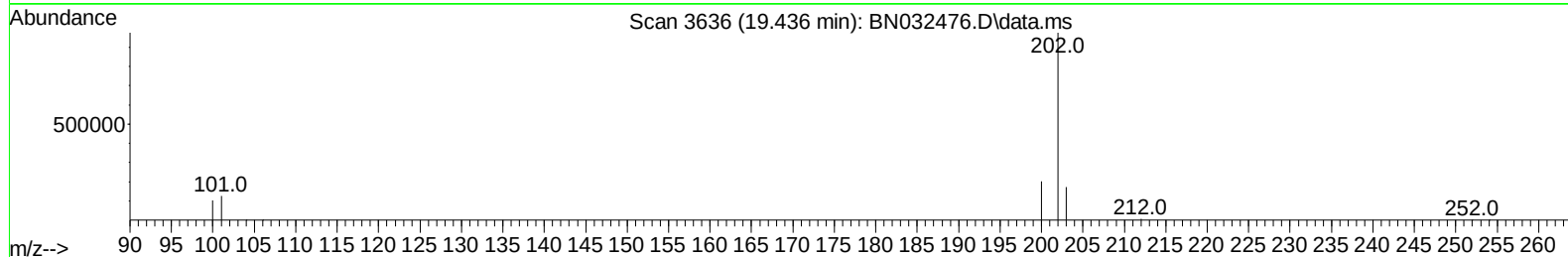
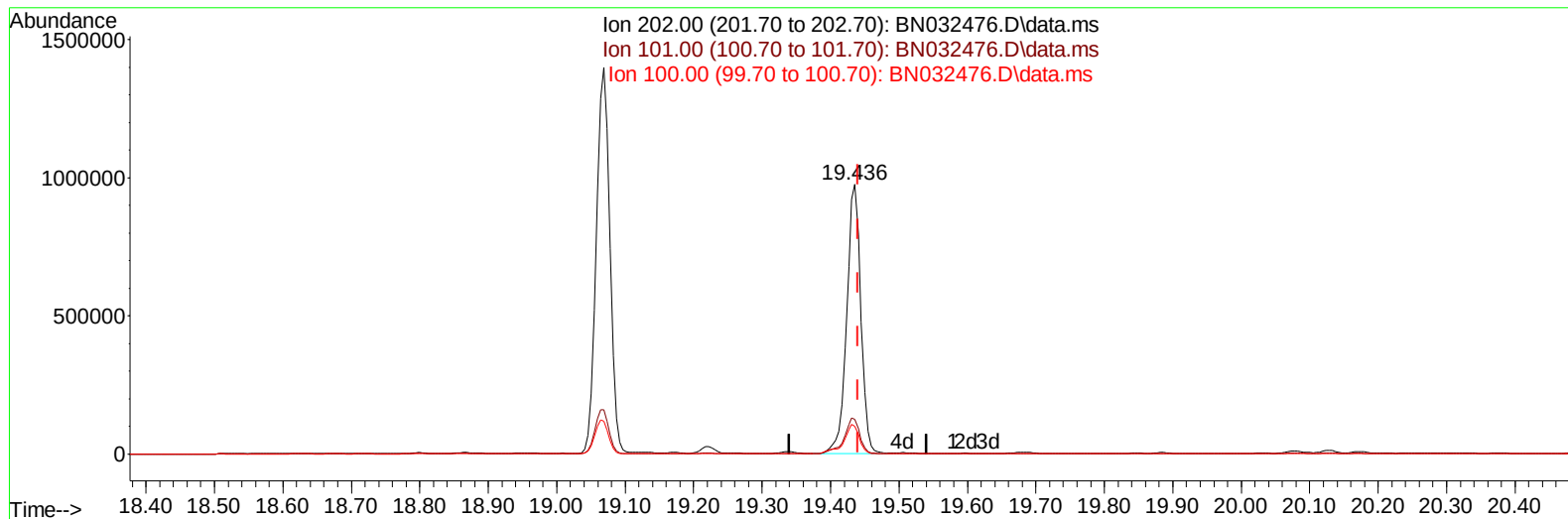
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(20) Pyrene

19.436min (-0.005) 18.66 ng/ul m

response 1380799

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.90
100.00	10.90	10.38
0.00	0.00	0.00

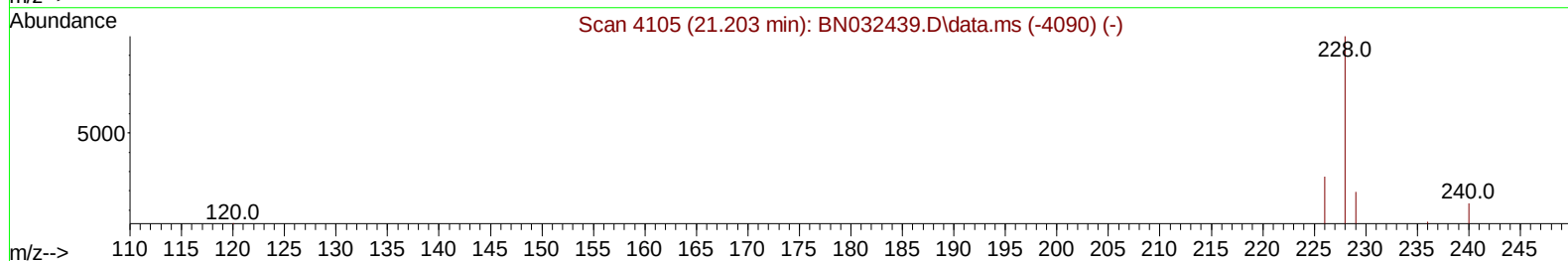
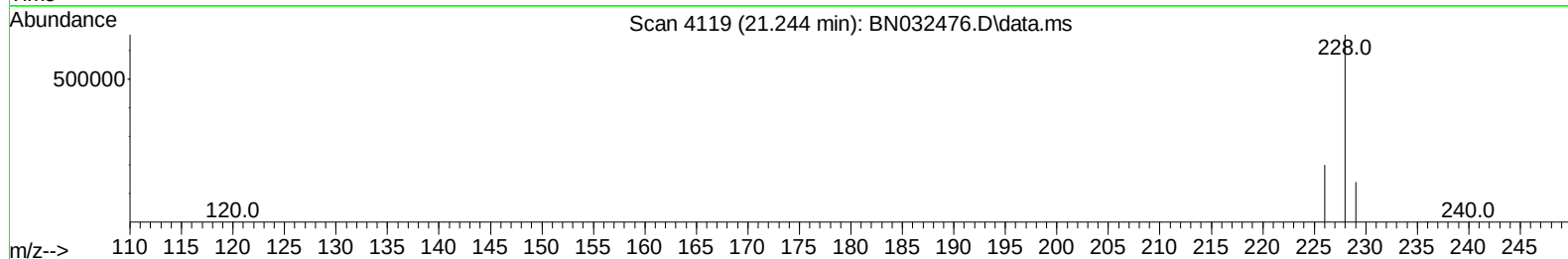
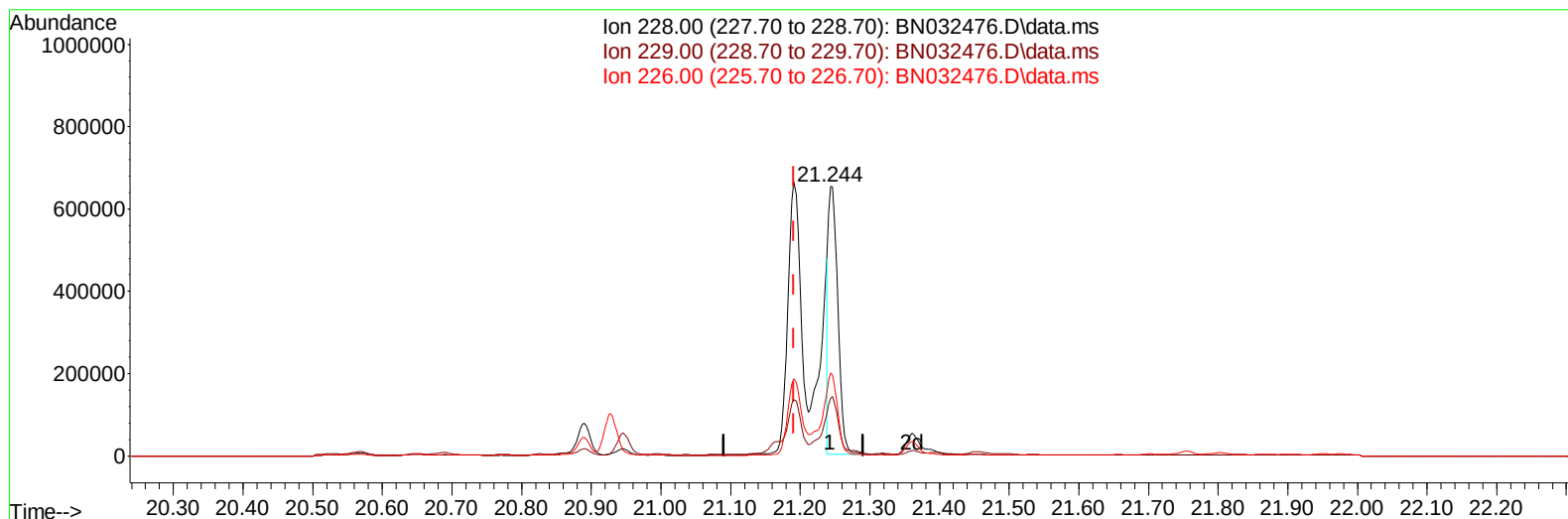
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(21) Benzo(a)anthracene

21.244min (+ 0.053) 9.36 ng/u1

response 628367

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.38
226.00	27.30	30.69
0.00	0.00	0.00

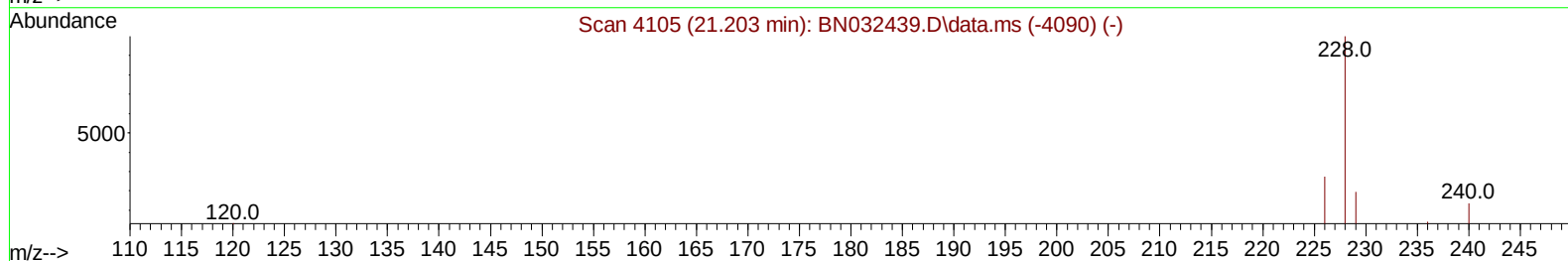
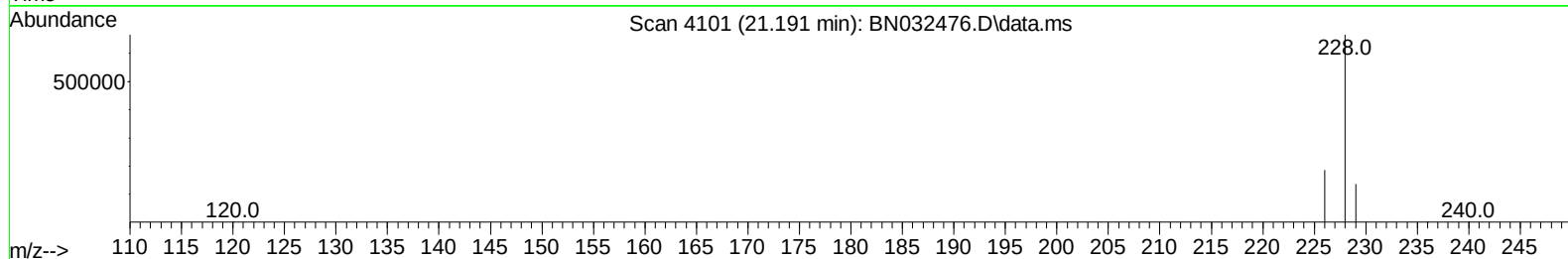
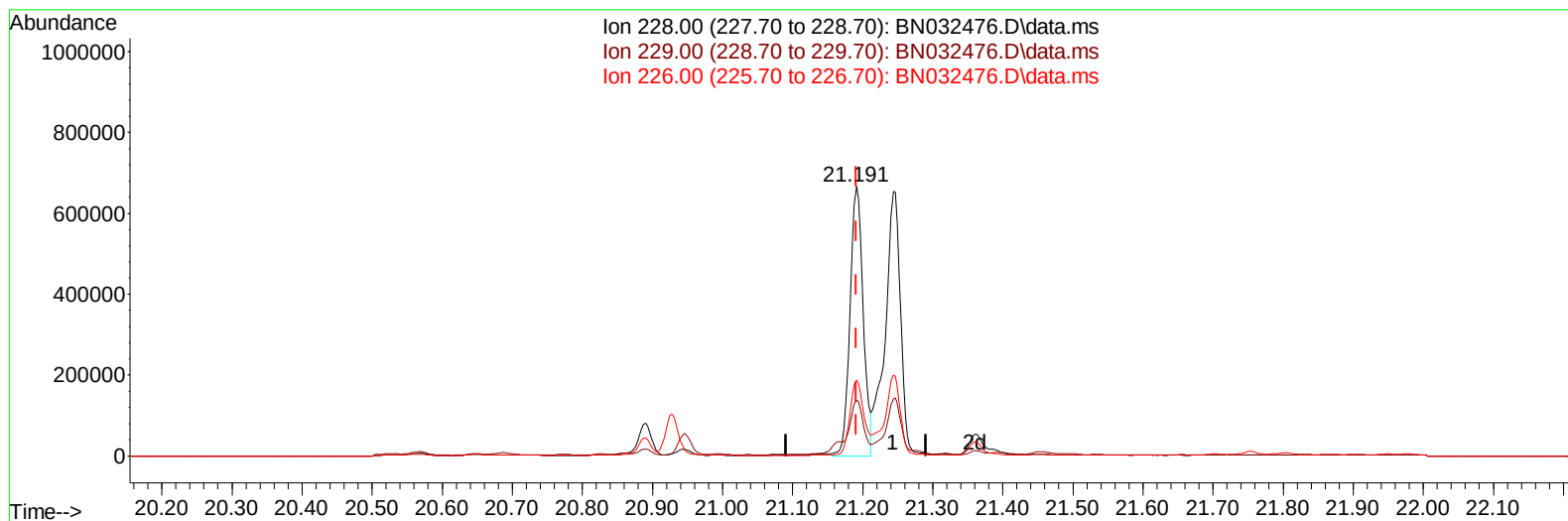
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(21) Benzo(a)anthracene

21.191min (0.000) 13.03 ng/ul m

response 874040

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.56
226.00	27.30	28.11
0.00	0.00	0.00

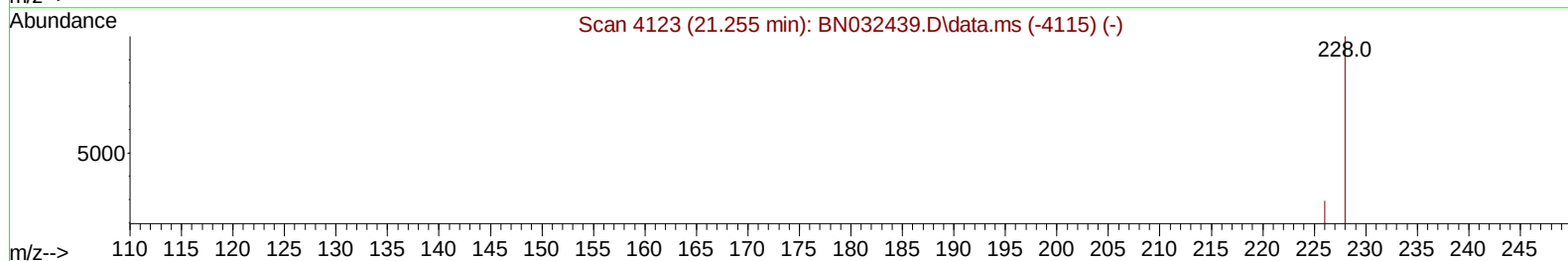
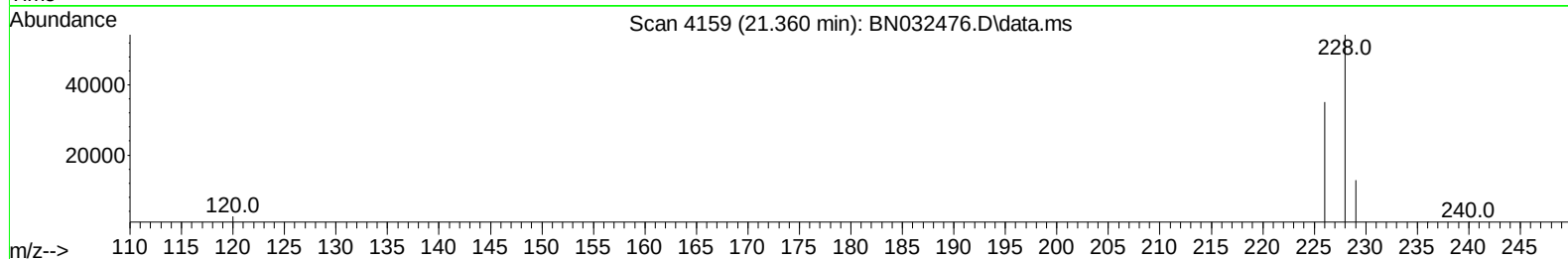
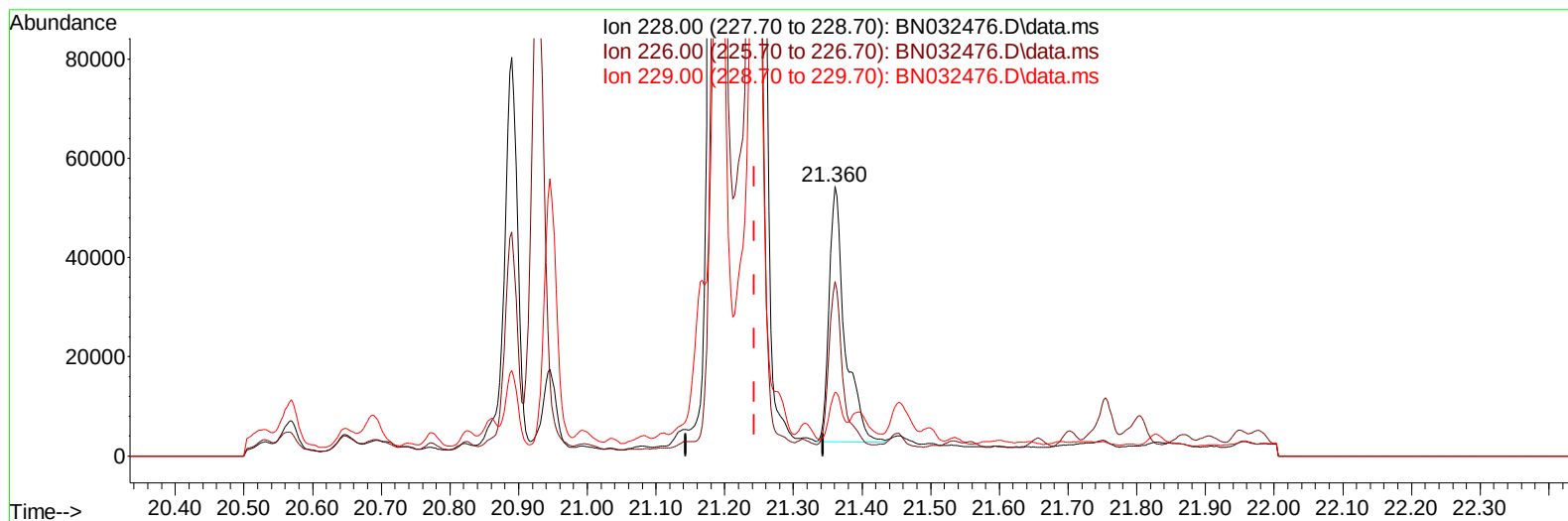
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 1.12 ng/u1

response 82297

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	64.78#
229.00	19.60	23.74#
0.00	0.00	0.00

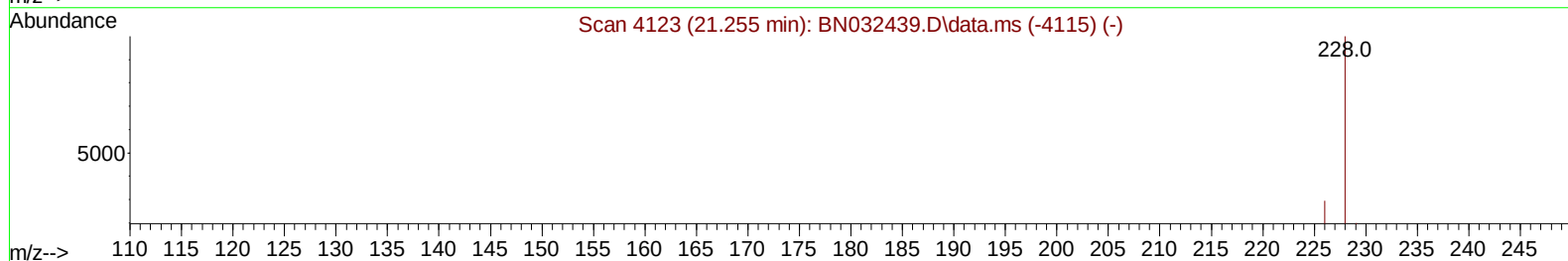
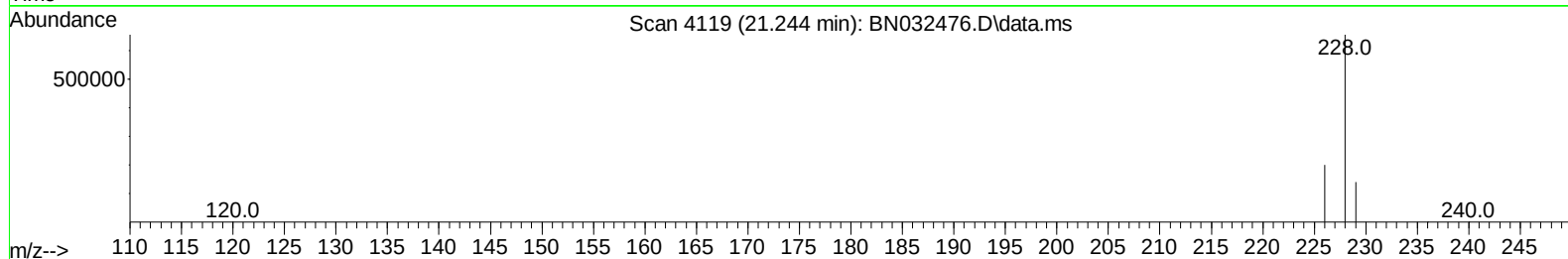
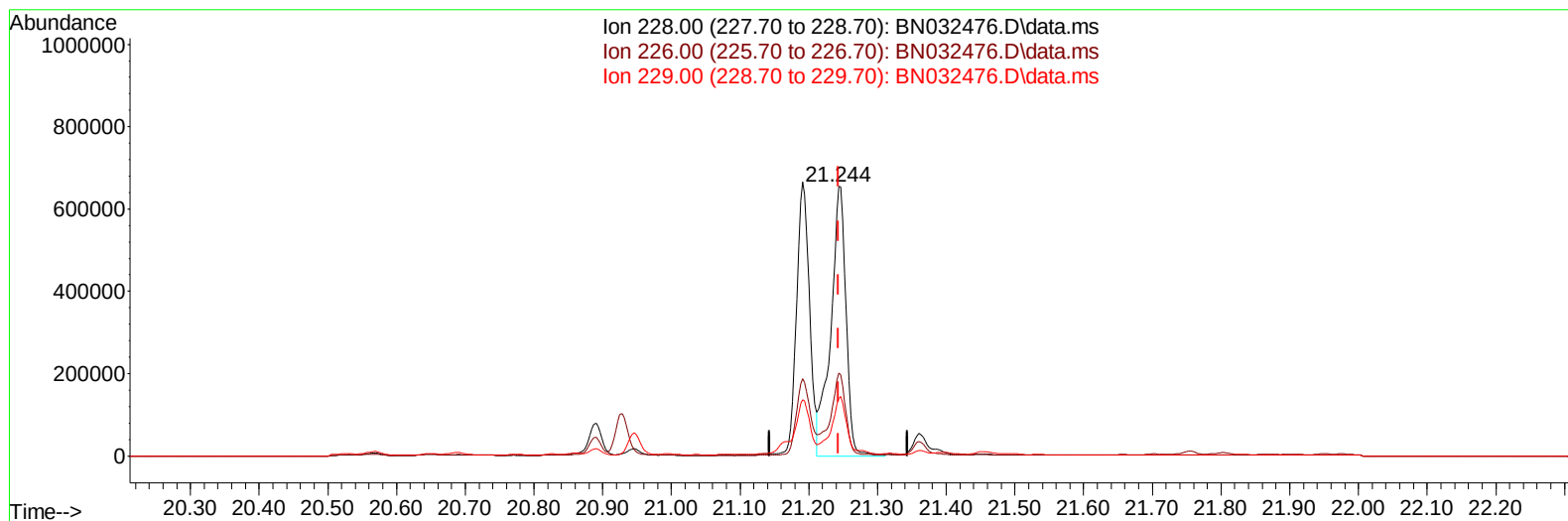
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(22) Chrysene

21.244min (0.000) 13.82 ng/ul m

response 1017858

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.69
229.00	19.60	21.38
0.00	0.00	0.00

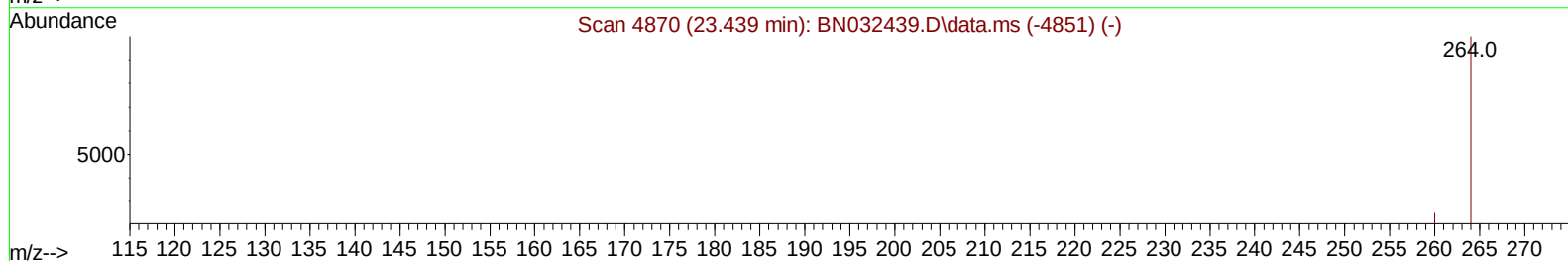
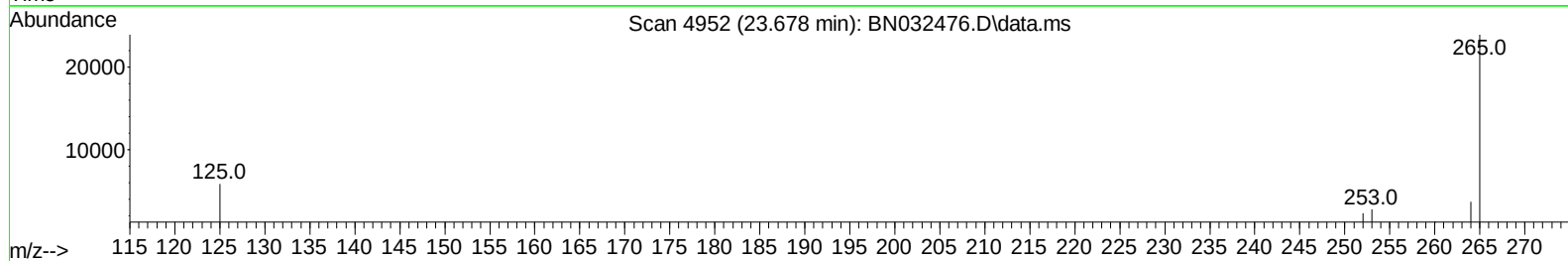
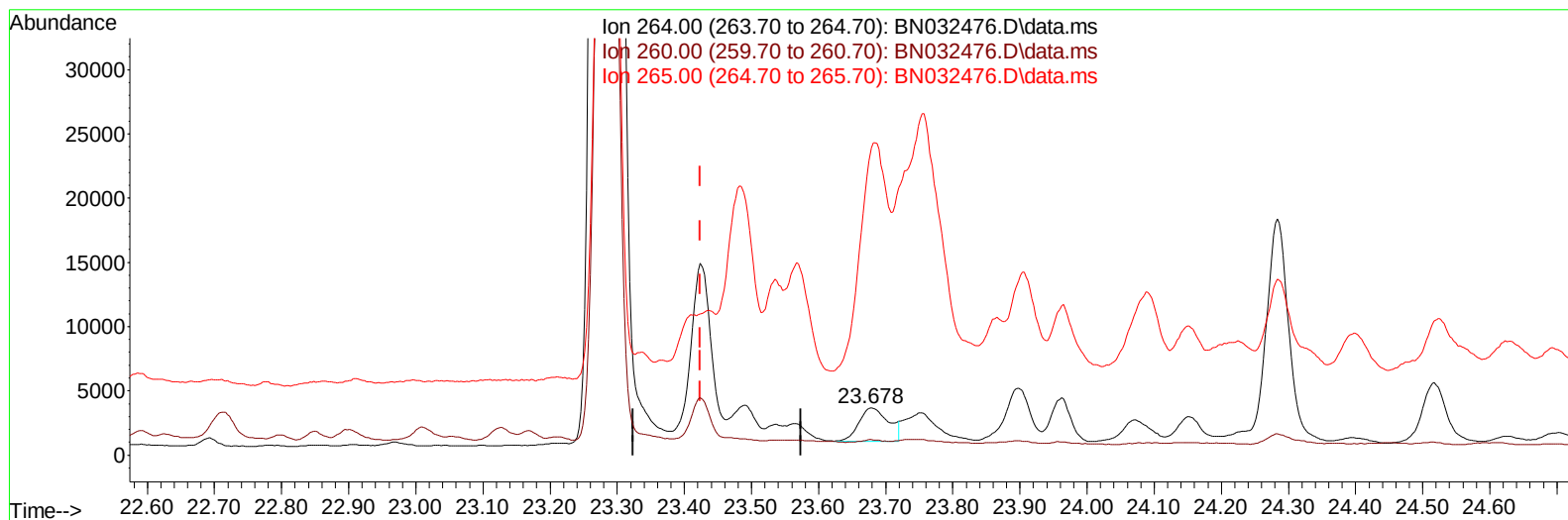
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032476.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.254) 0.40 ng/ul

response 7998

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	32.30#
265.00	67.20	647.80#
0.00	0.00	0.00

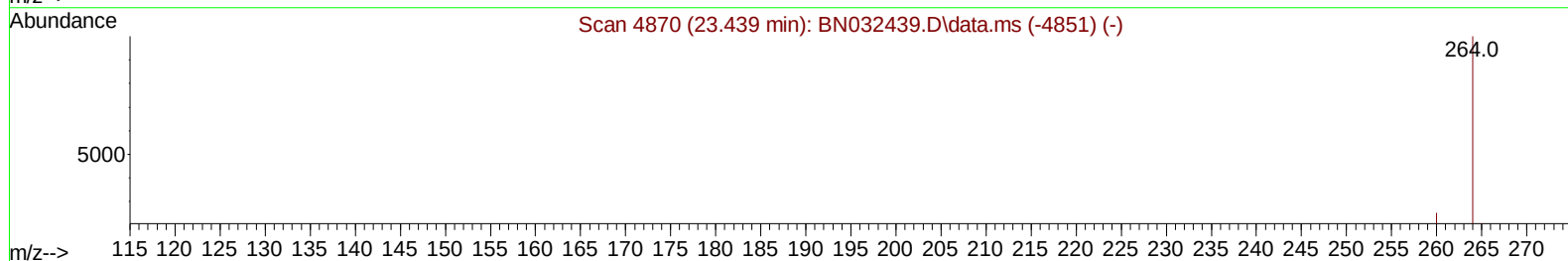
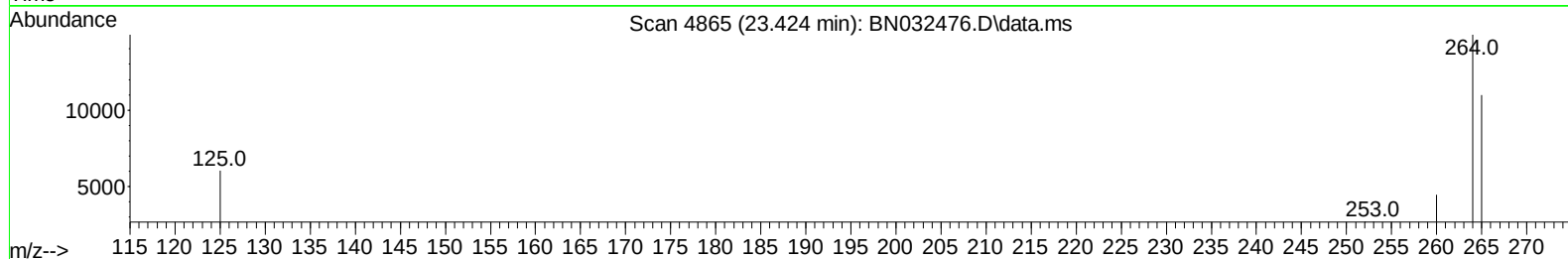
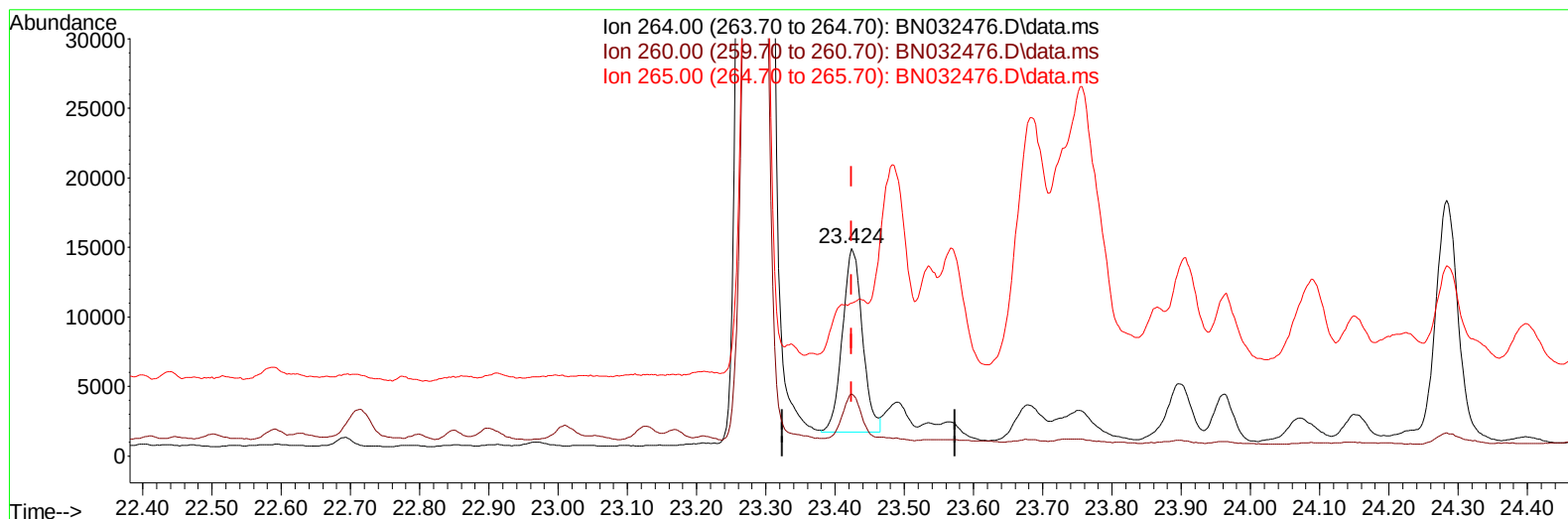
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(23) Perylene-d12 (I)

23.424min (0.000) 0.40 ng/ul m

response 26504

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.94
265.00	67.20	73.45
0.00	0.00	0.00

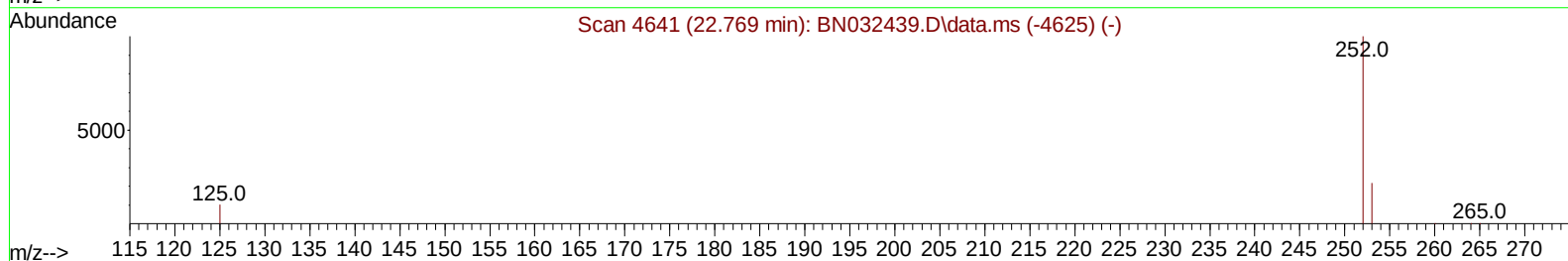
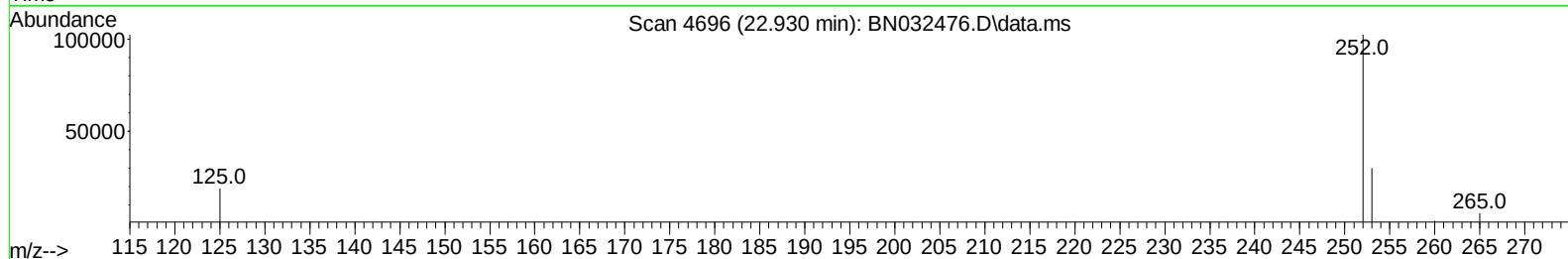
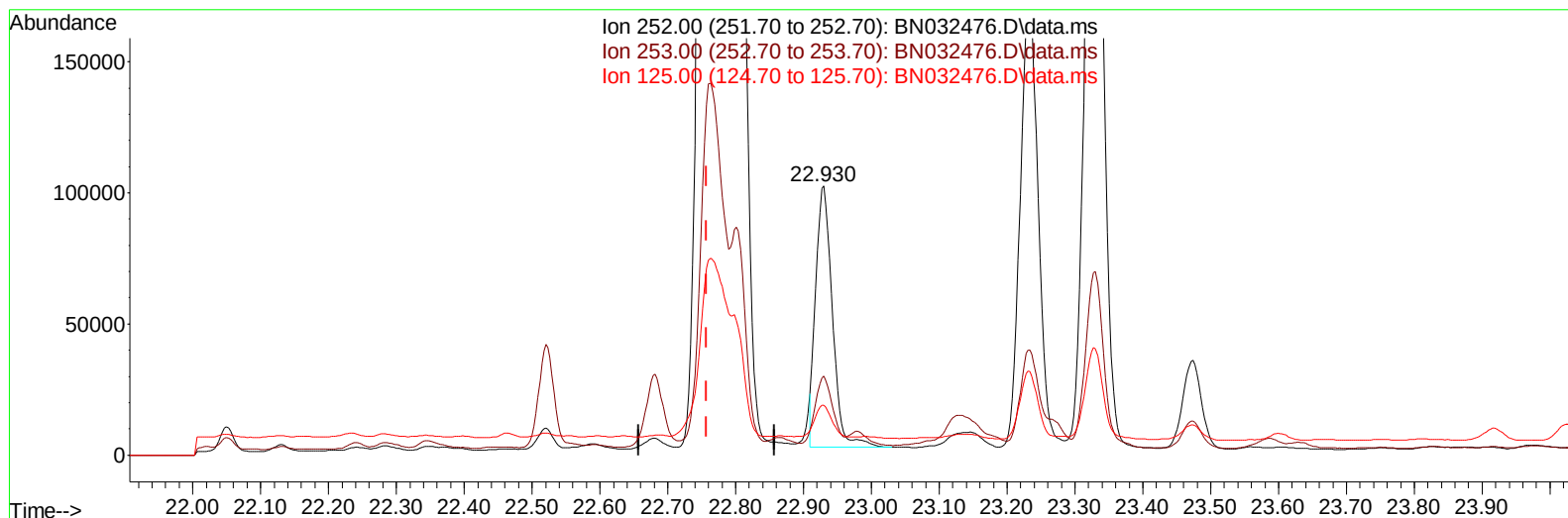
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.172) 1.48 ng/u1

response 170726

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.31
125.00	16.00	18.65
0.00	0.00	0.00

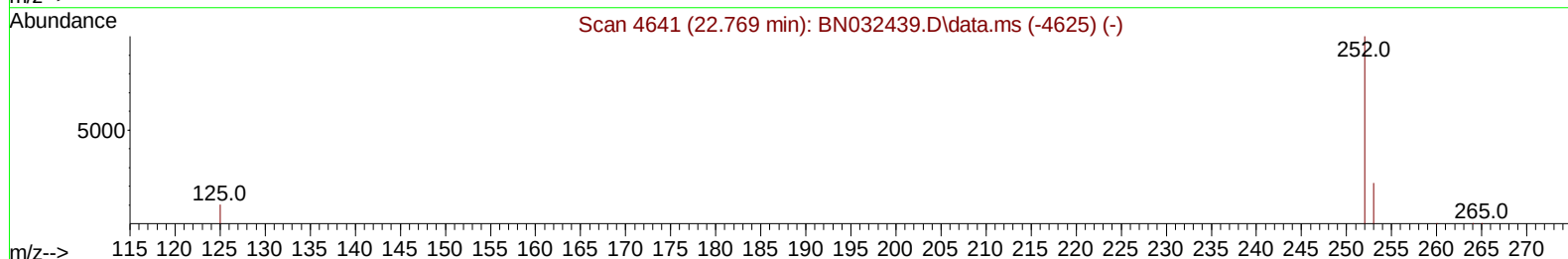
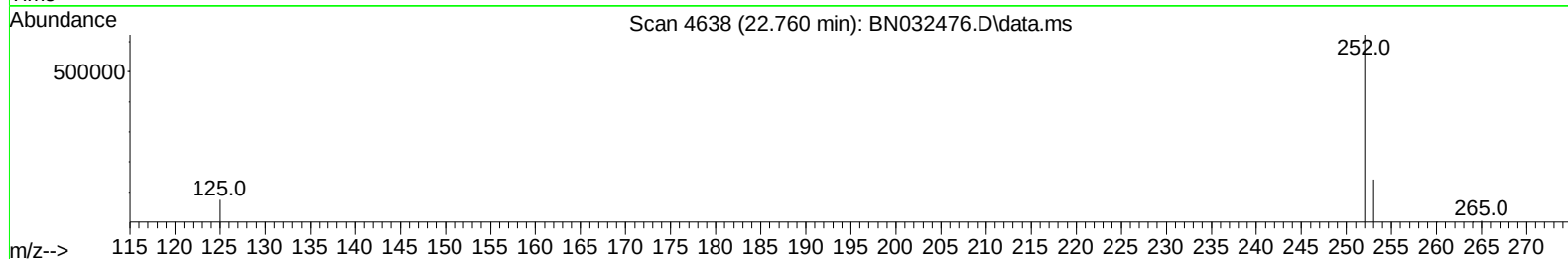
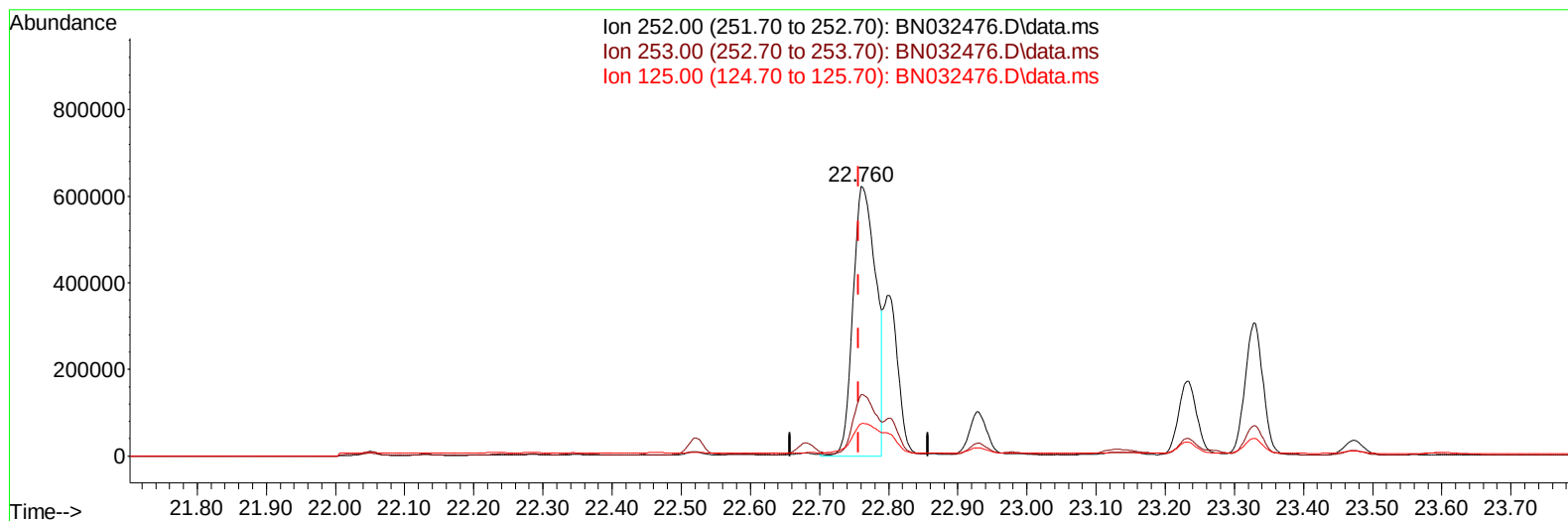
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (+ 0.003) 12.37 ng/ul m

response 1423926

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.76
125.00	16.00	11.96
0.00	0.00	0.00

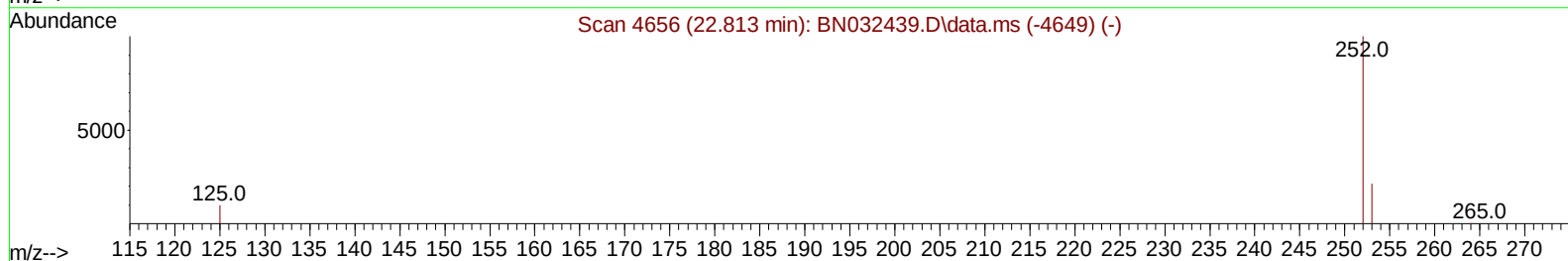
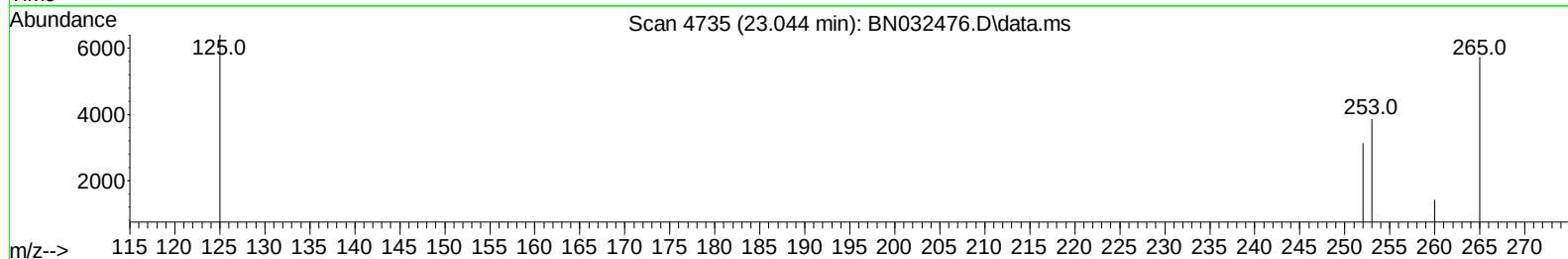
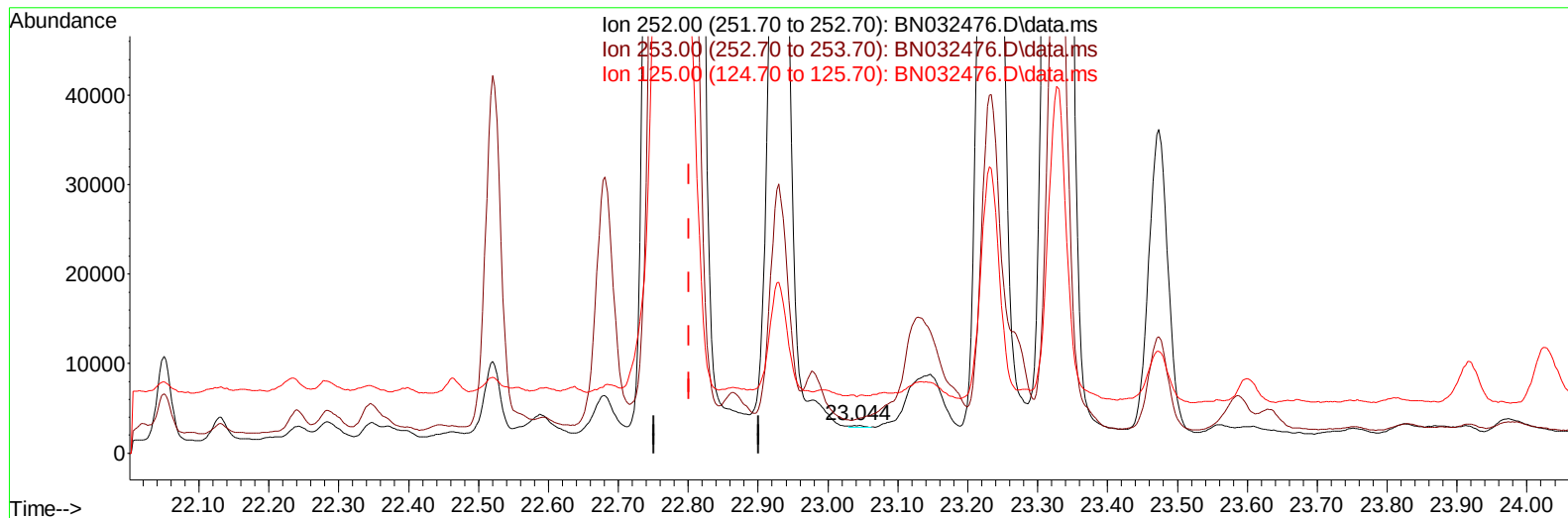
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032476.D
 Acq On : 04 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(25) Benzo(k)fluoranthene

23.044min (+ 0.243) 0.00 ng/u1

response 291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	123.46#
125.00	16.00	205.18#
0.00	0.00	0.00

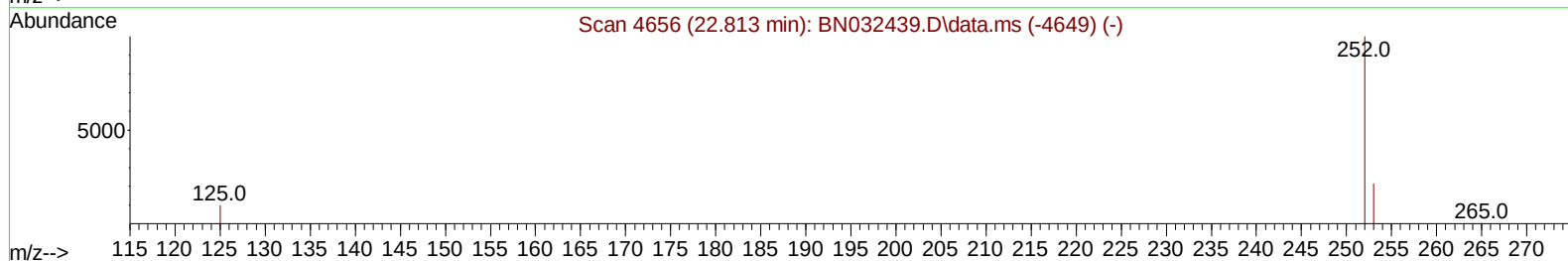
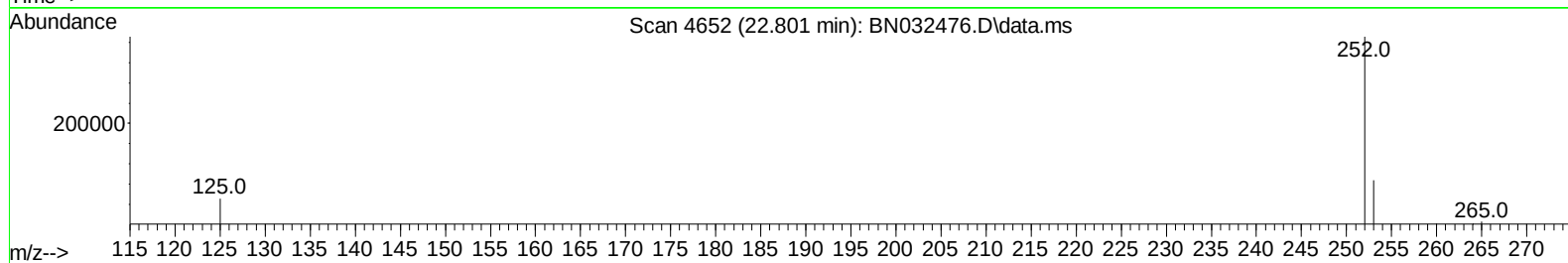
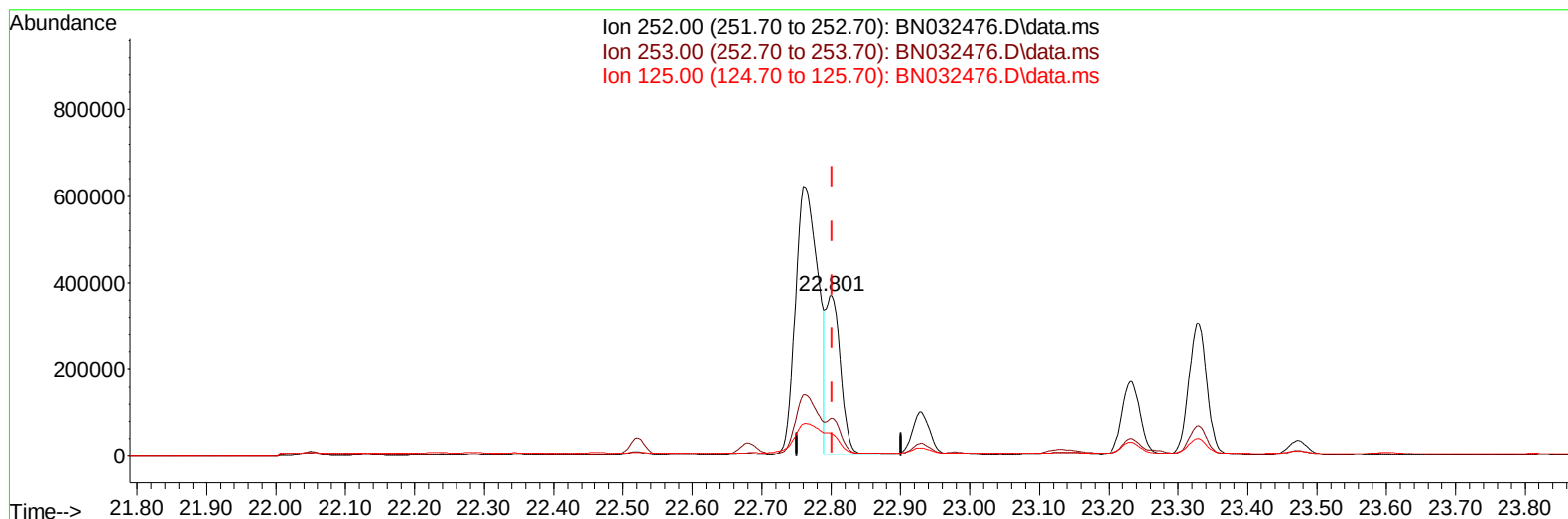
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (0.000) 4.79 ng/ul m

response 536217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.44
125.00	16.00	13.83
0.00	0.00	0.00

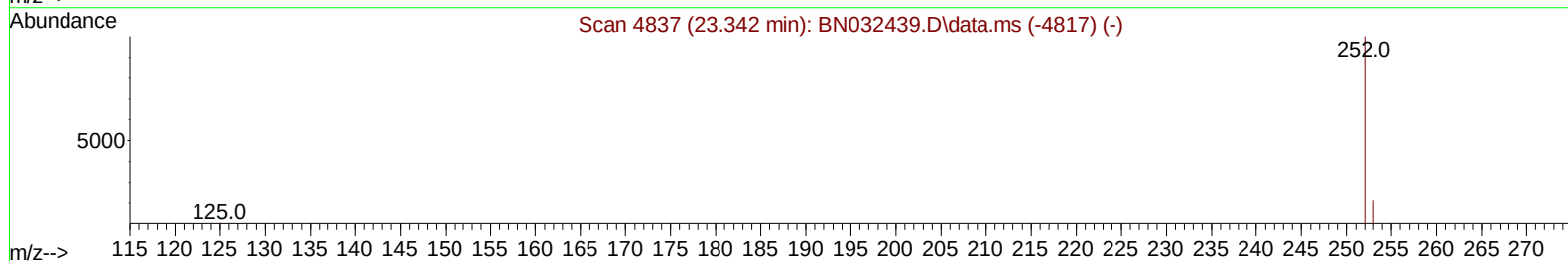
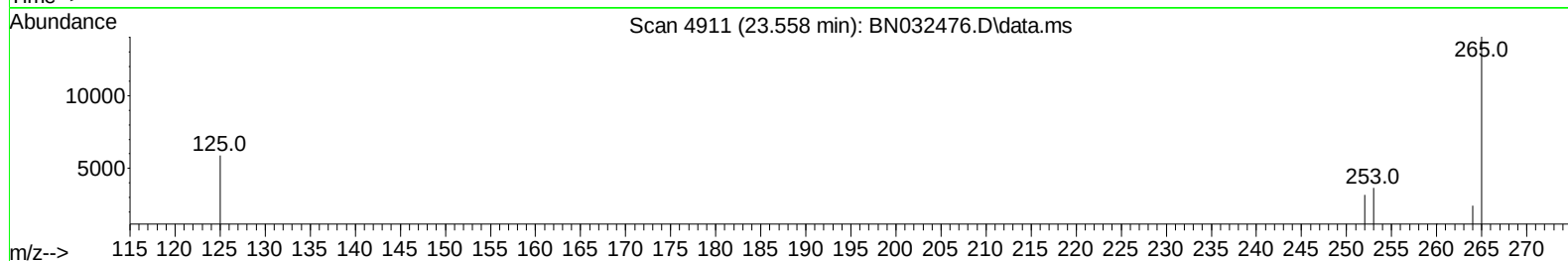
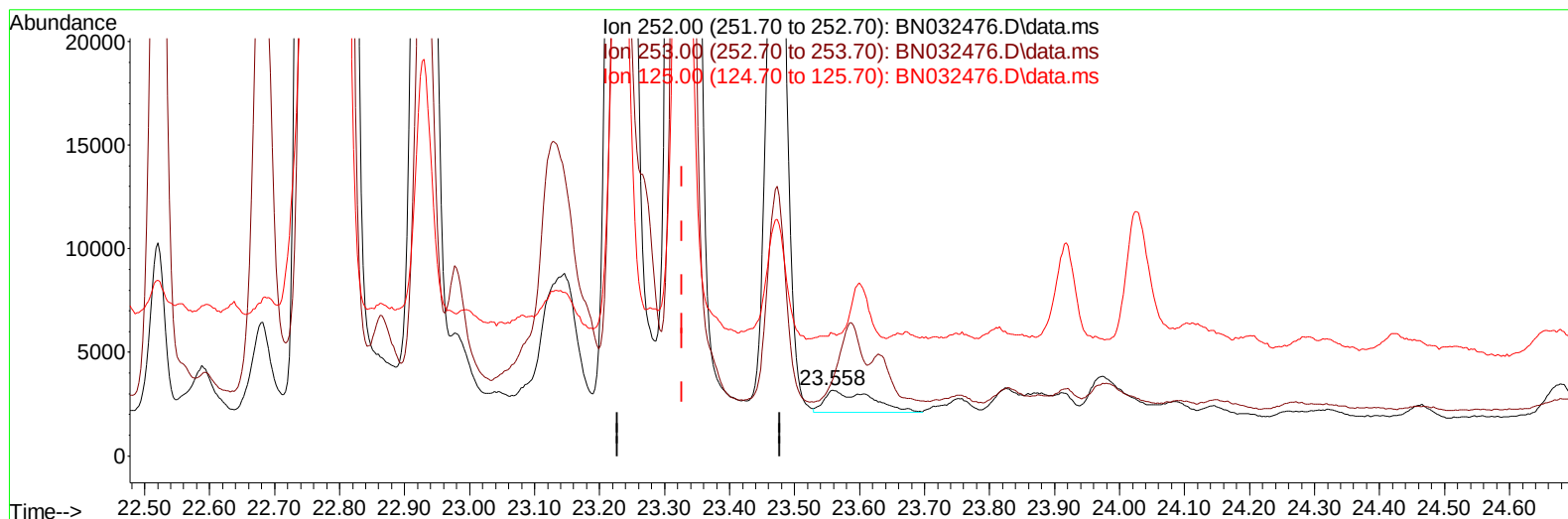
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(26) Benzo(a)pyrene (C)

23.558min (+ 0.231) 0.06 ng/ul

response 5198

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	115.00#
125.00	20.50	185.22#
0.00	0.00	0.00

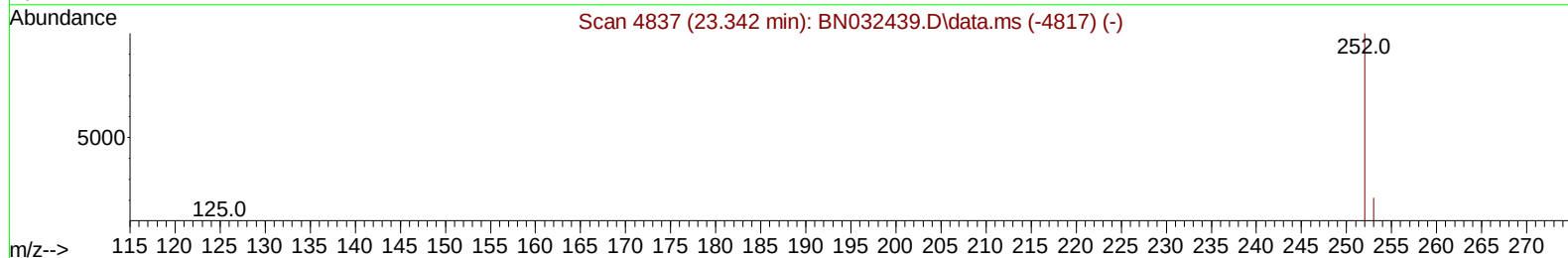
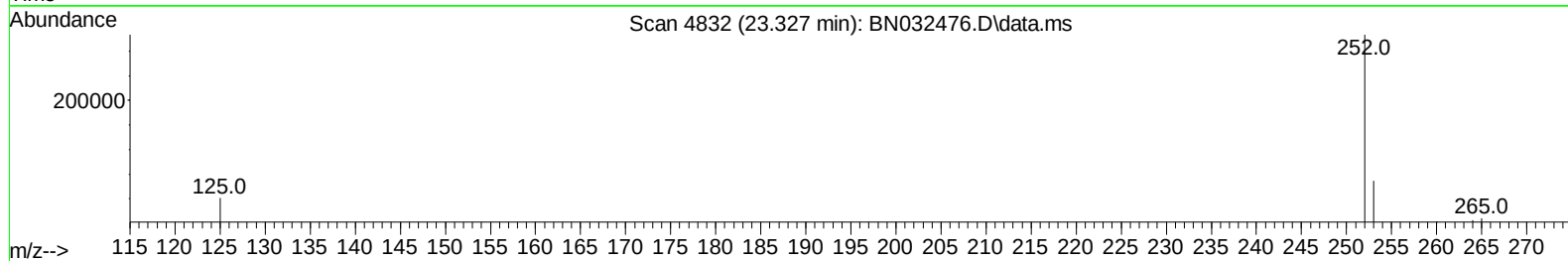
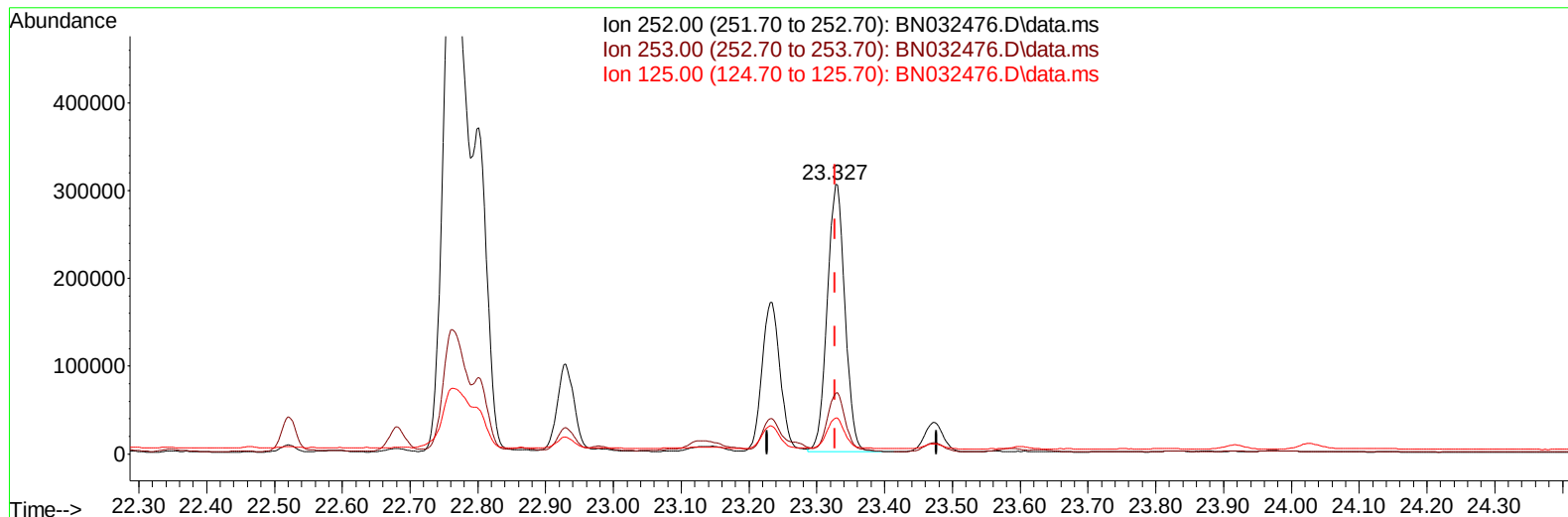
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (0.000) 6.92 ng/ul m

response 554157

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	22.65
125.00	20.50	13.36#
0.00	0.00	0.00

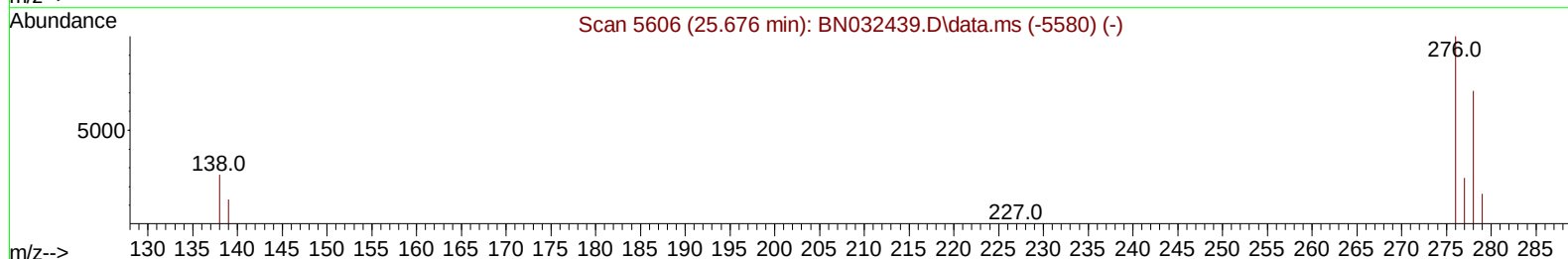
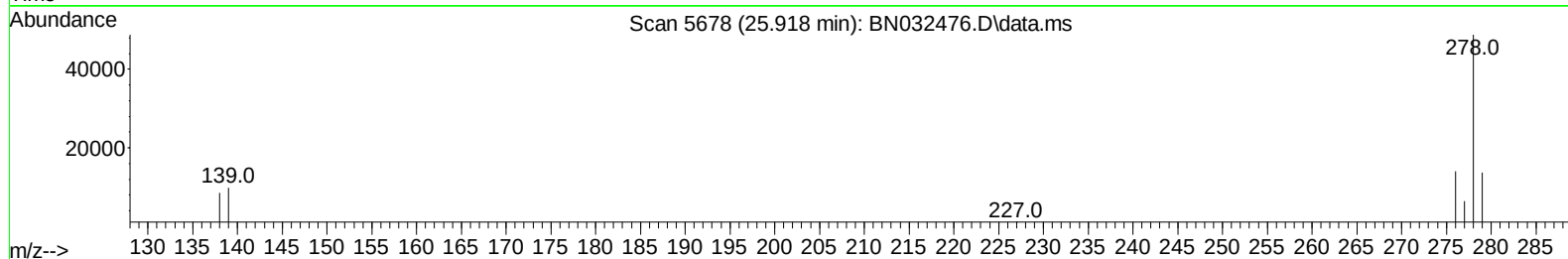
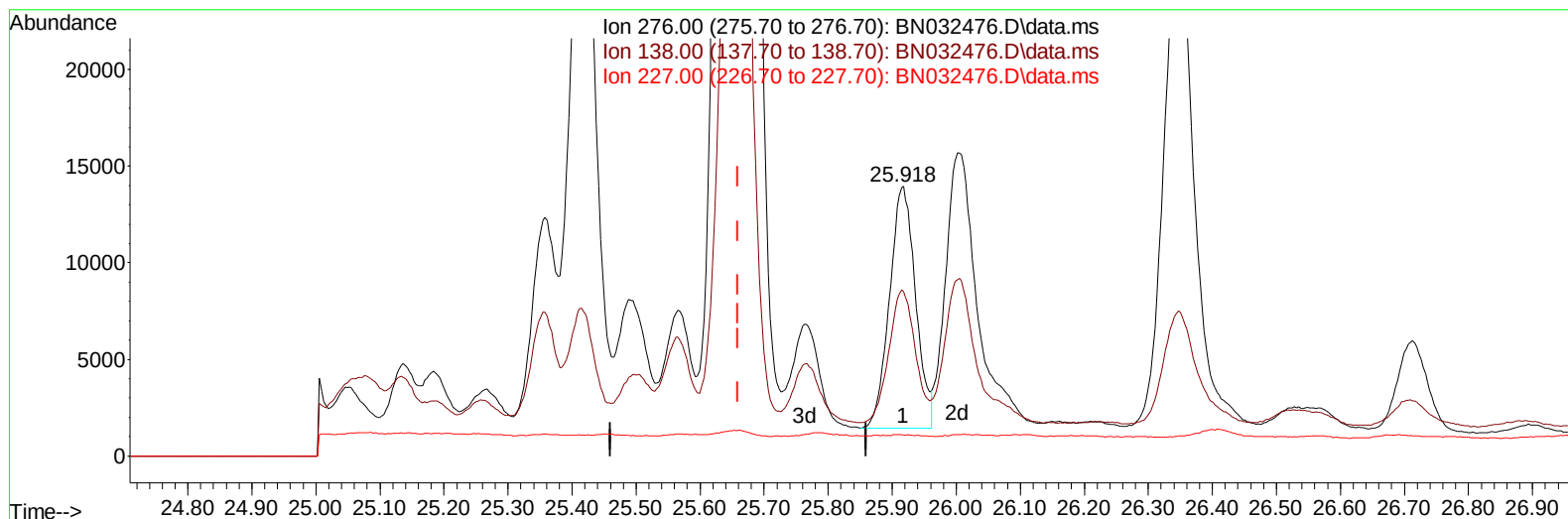
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

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

25.918min (+ 0.258) 0.28 ng/u1

response 35465

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.78#
227.00	0.10	0.63#
0.00	0.00	0.00

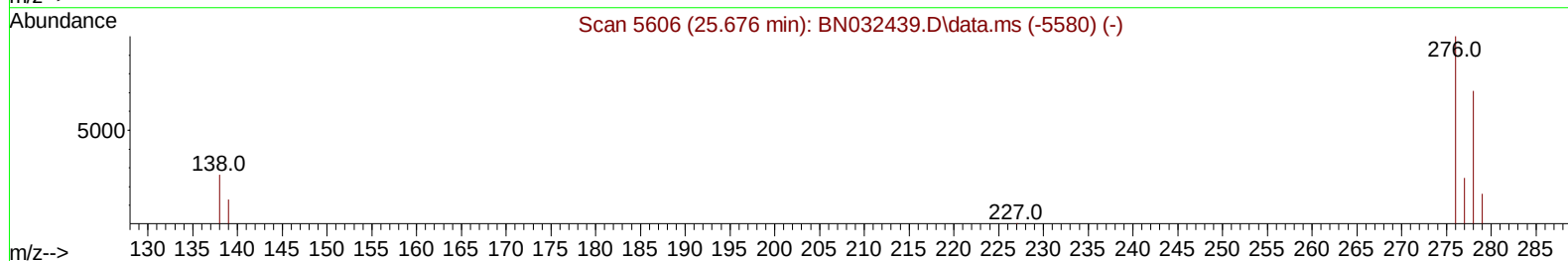
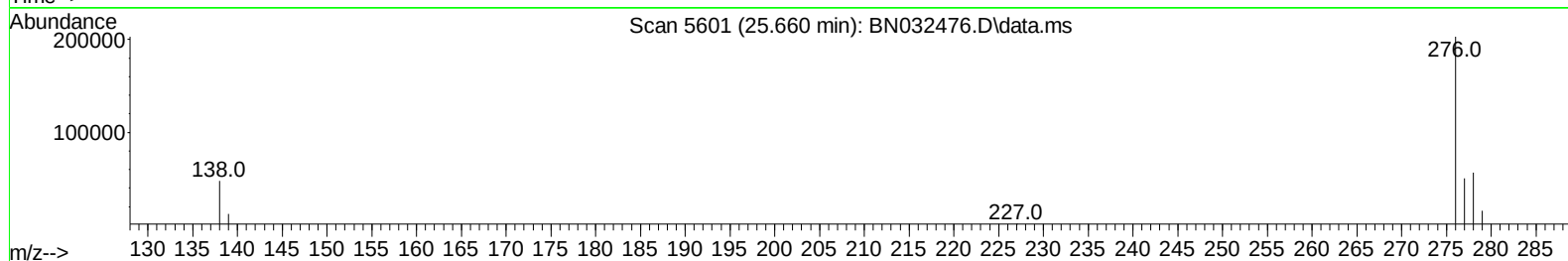
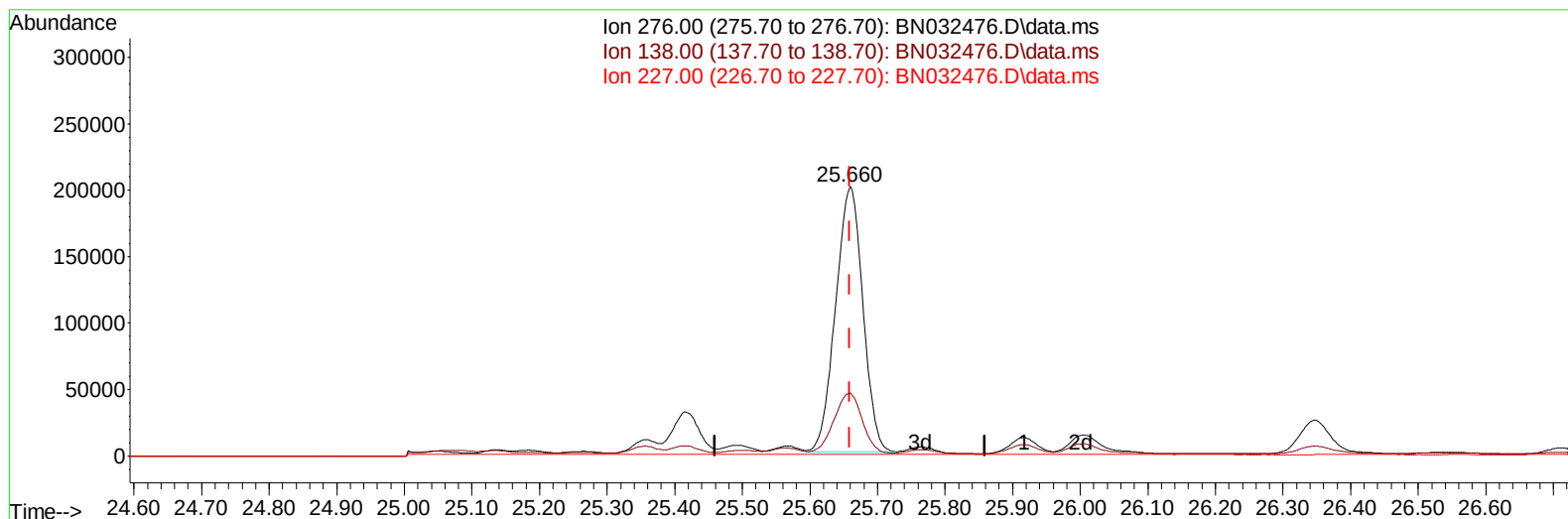
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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TIC: BN032476.D\data.ms

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

25.660min (0.000) 4.46 ng/ul m

response 559834

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.53#
227.00	0.10	0.04#
0.00	0.00	0.00

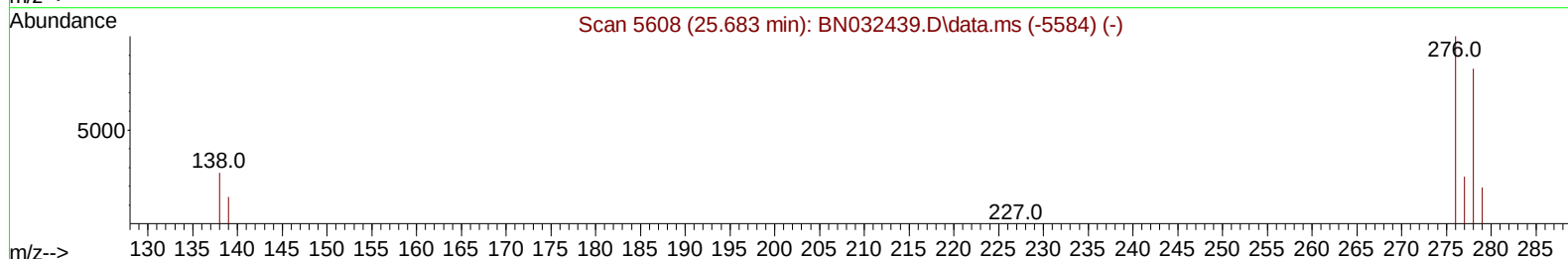
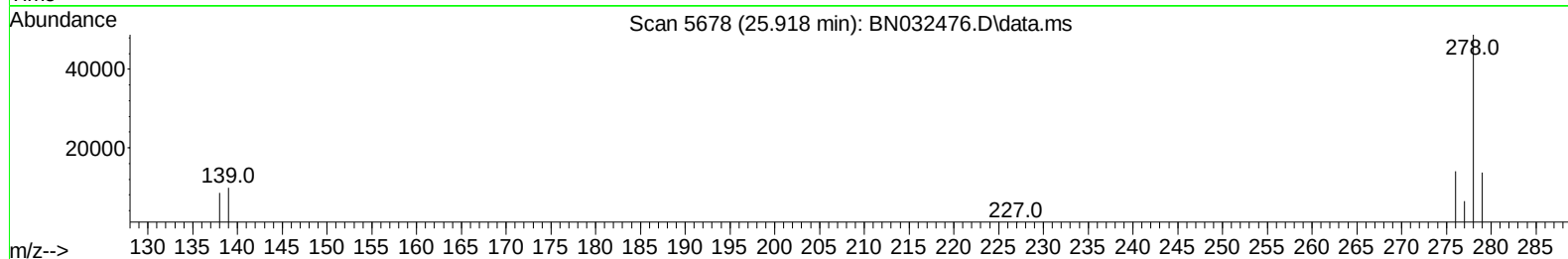
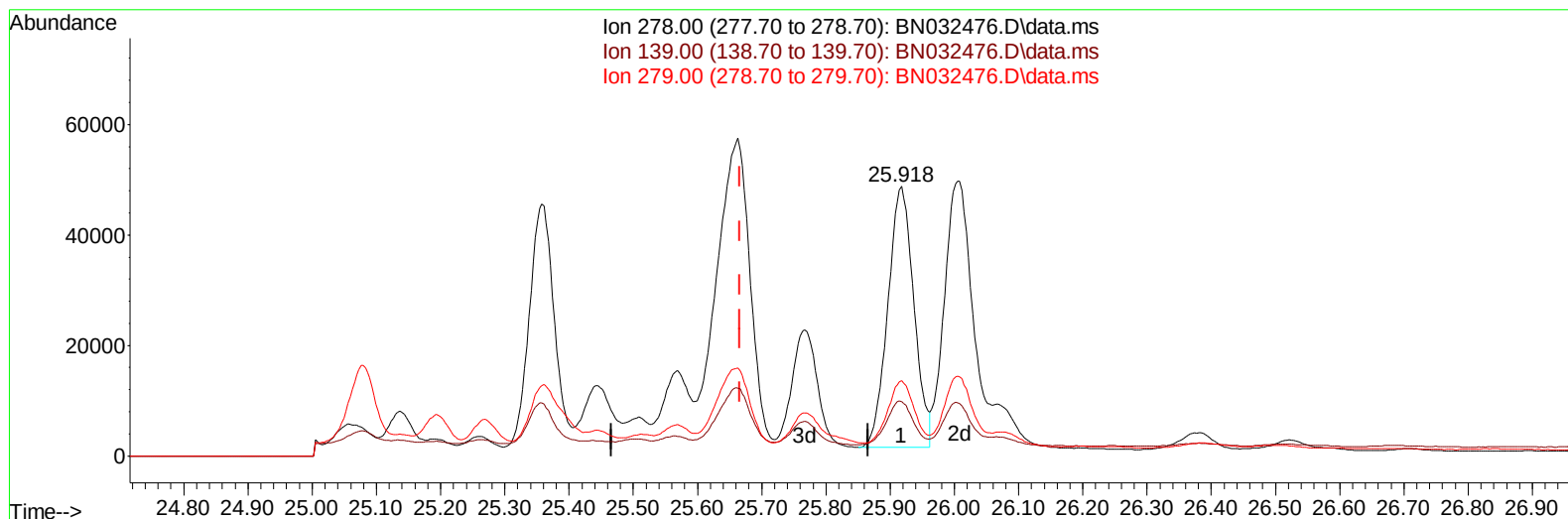
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
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TIC: BN032476.D\data.ms

(28) Dibenzo(a,h)anthracene

25.918min (+ 0.252) 1.43 ng/u1

response 132921

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	20.24
279.00	26.40	27.97
0.00	0.00	0.00

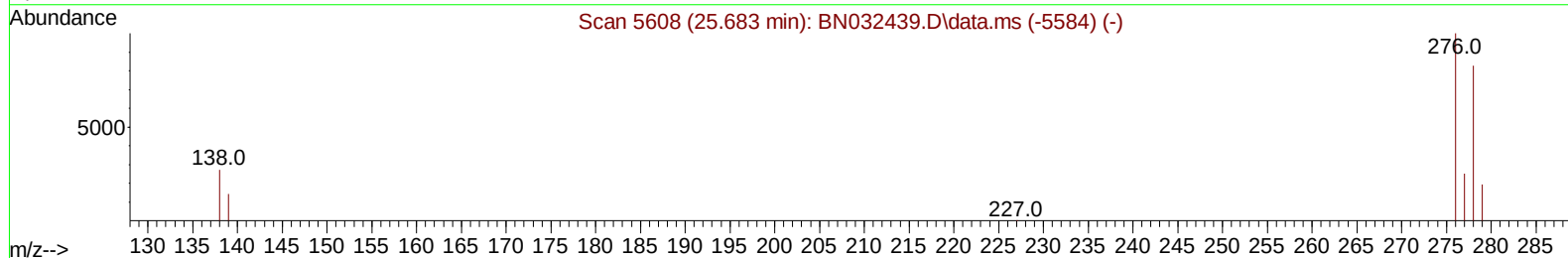
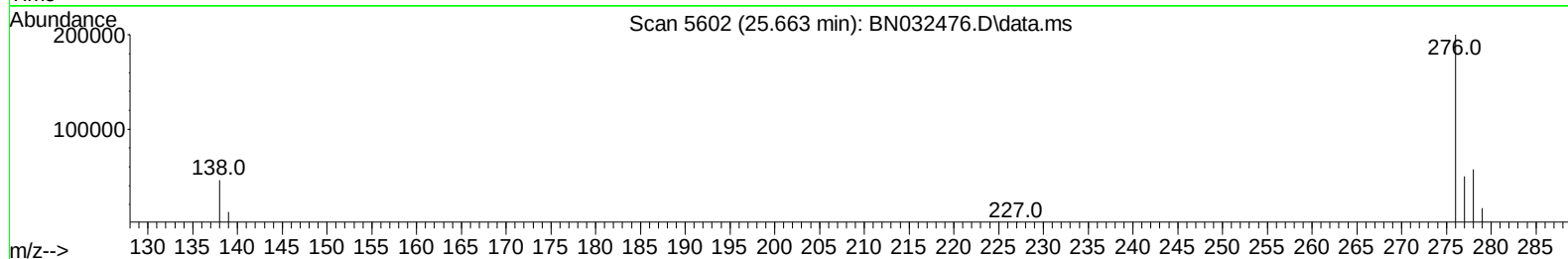
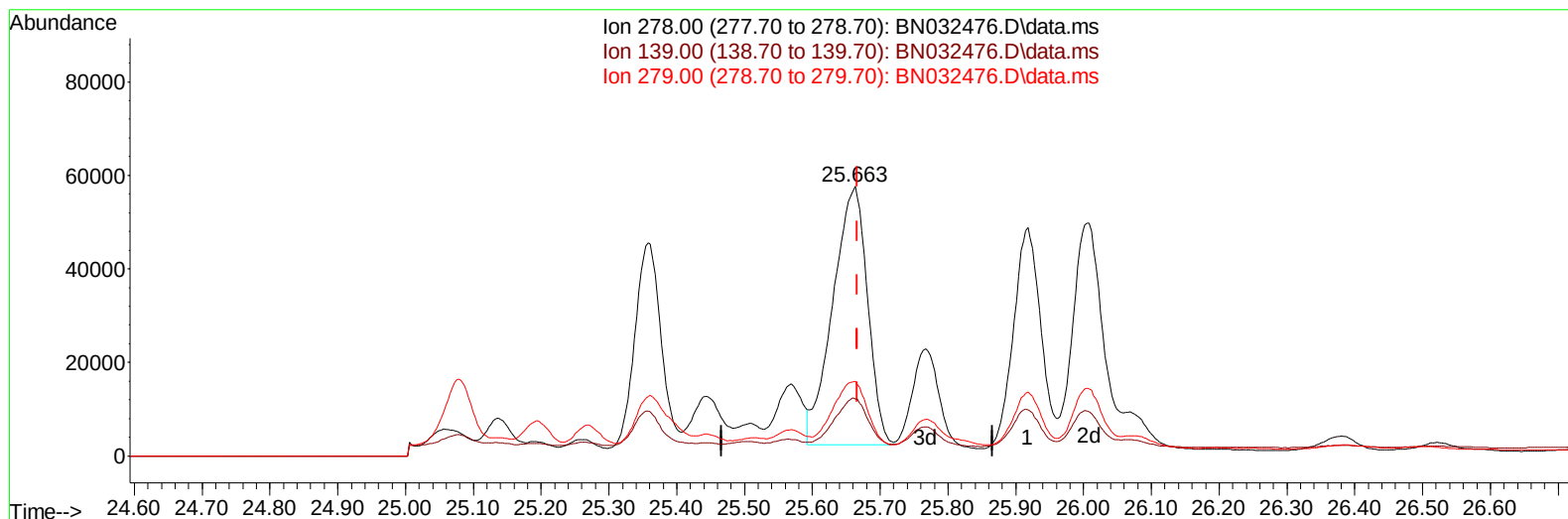
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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TIC: BN032476.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.003) 2.10 ng/ul m

response 195936

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	21.24
279.00	26.40	27.67
0.00	0.00	0.00

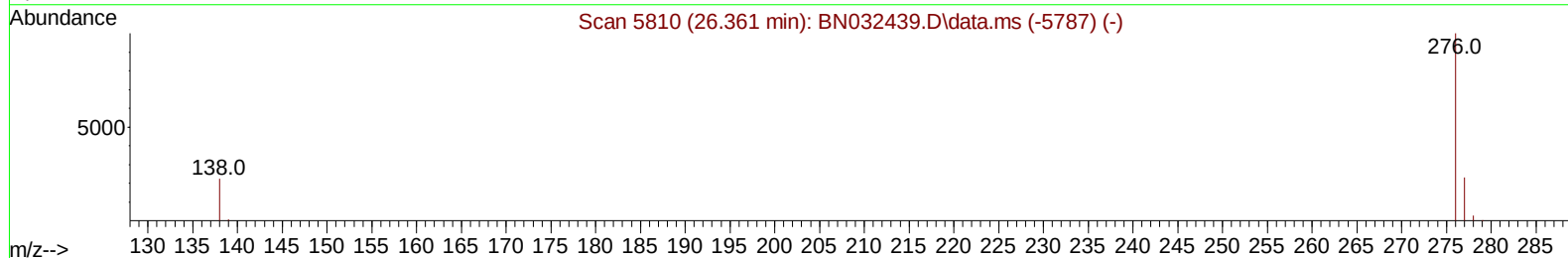
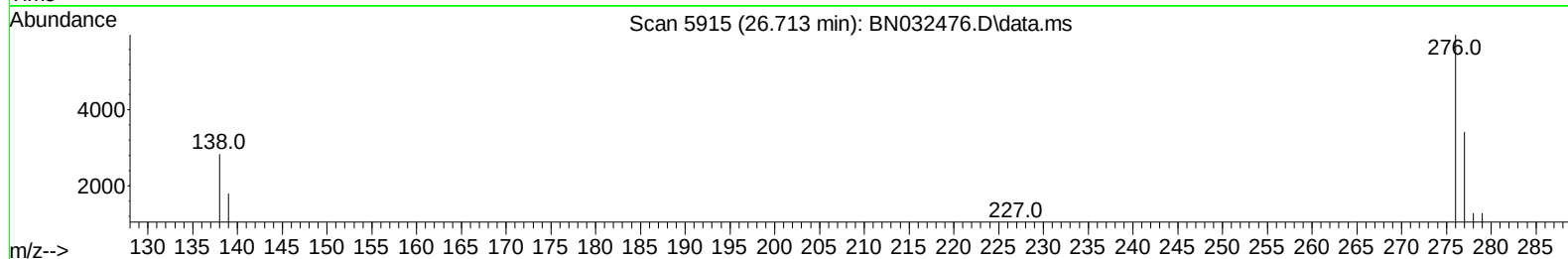
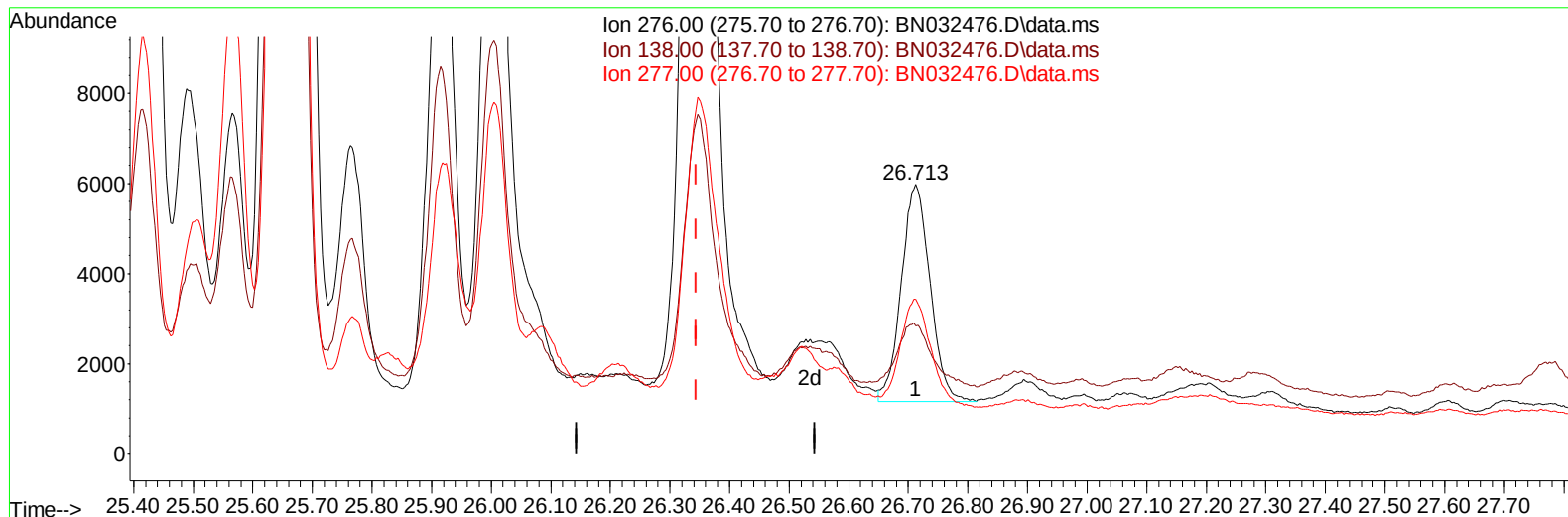
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

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

26.713min (+ 0.369) 0.16 ng/u1

response 16110

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	47.48#
277.00	24.70	57.33#
0.00	0.00	0.00

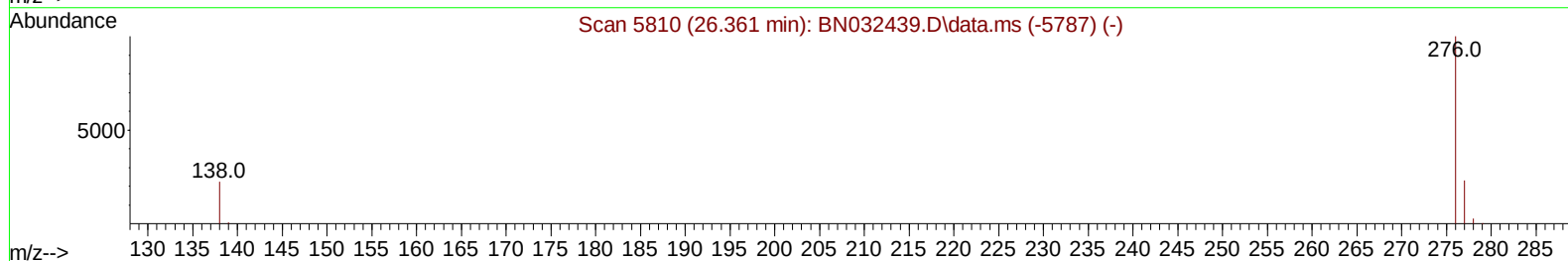
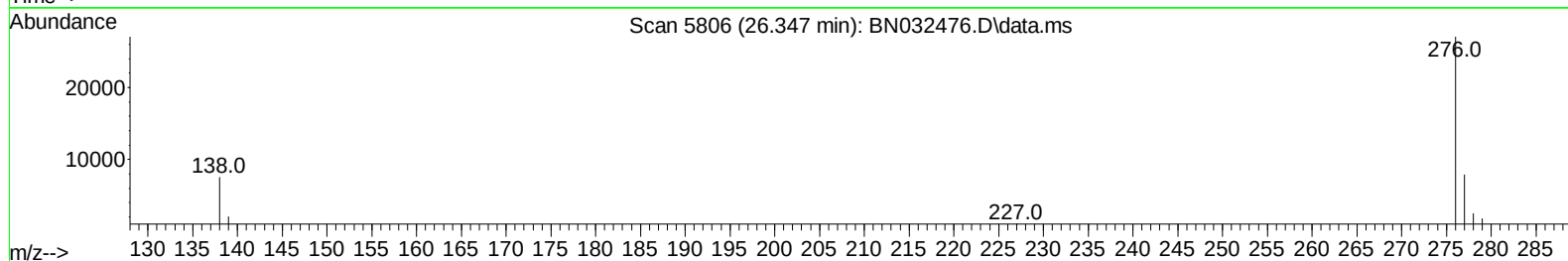
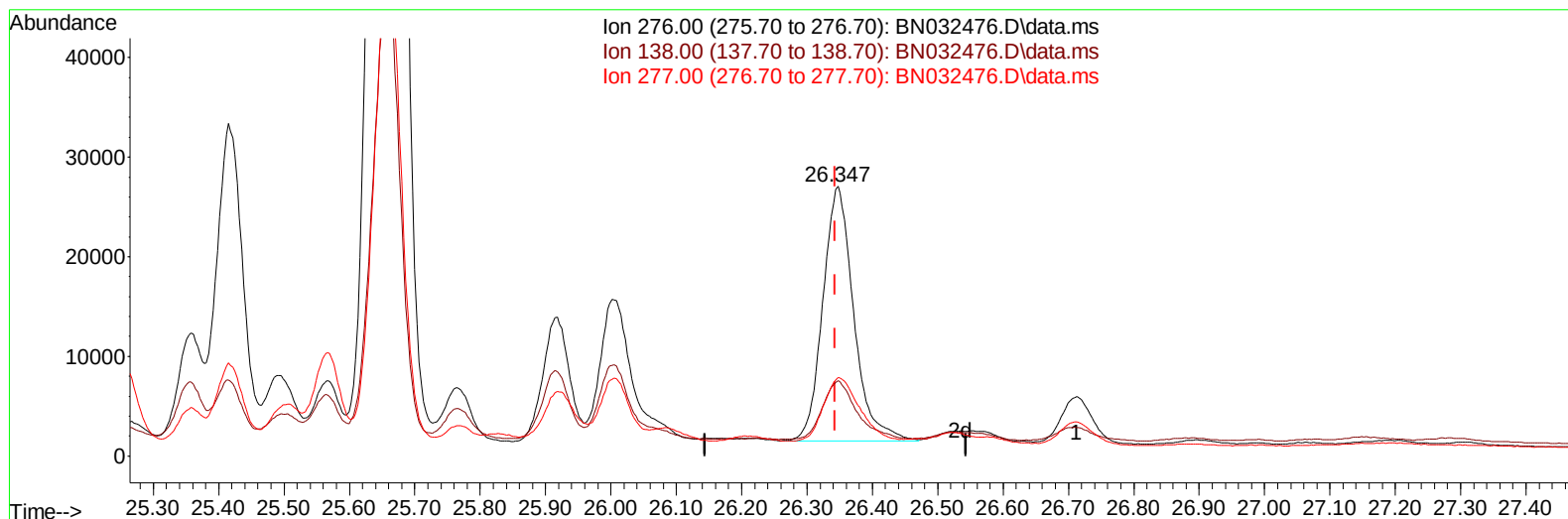
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032476.D
Acq On : 04 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT5

Manual IntegrationsAPPROVED

Quant Time: Jul 04 23:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032476.D\data.ms

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

26.347min (+ 0.003) 0.84 ng/ul m

response 84026

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	27.84
277.00	24.70	29.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032476.D
 Acq On : 04 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

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 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	9317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27973	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	15543	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	28748m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	18591m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	26504m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30002	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8388	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	15279m	0.273	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	34156	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	11914	0.243	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	9608	0.189	ng/ul	98
10) Acenaphthylene	13.962	152	67264	1.041	ng/ul	100
11) Acenaphthene	14.304	153	42247	0.842	ng/ul	98
12) Fluorene	15.299	166	49918	0.835	ng/ul	99
15) Phenanthrene	17.041	178	998633m	12.670	ng/ul	
16) Anthracene	17.130	178	186315m	2.650	ng/ul	
19) Fluoranthene	19.069	202	1935238m	27.337	ng/ul	
20) Pyrene	19.436	202	1380799m	18.664	ng/ul	
21) Benzo(a)anthracene	21.191	228	874040m	13.026	ng/ul	
22) Chrysene	21.244	228	1017858m	13.821	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	1423926m	12.366	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	536217m	4.793	ng/ul	
26) Benzo(a)pyrene	23.327	252	554157m	6.917	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	559834m	4.463	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	195936m	2.102	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	84026m	0.841	ng/ul	

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

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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
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A4CT5

Manual IntegrationsAPPROVED

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