

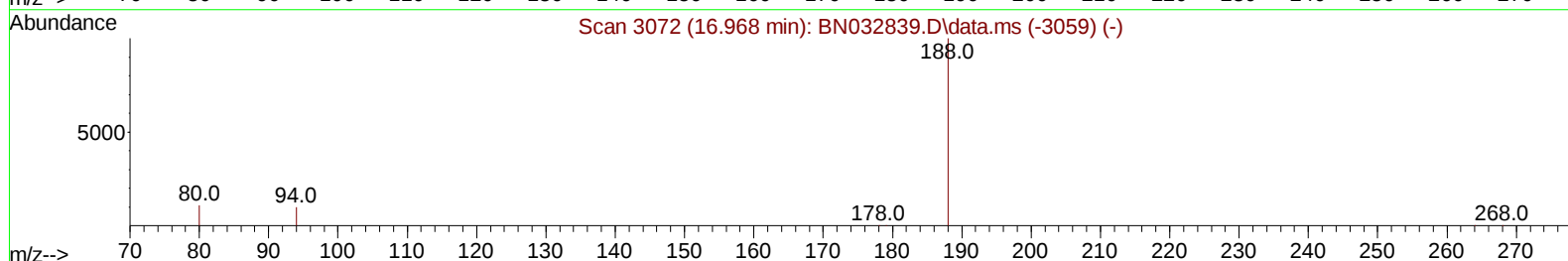
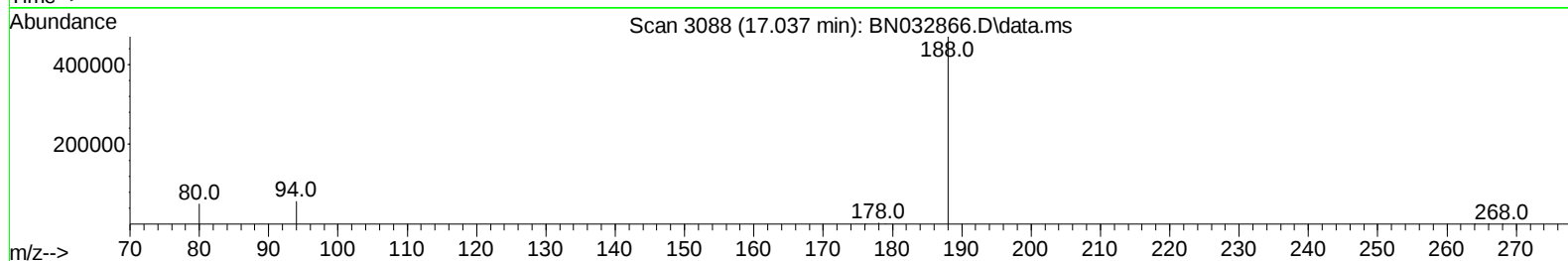
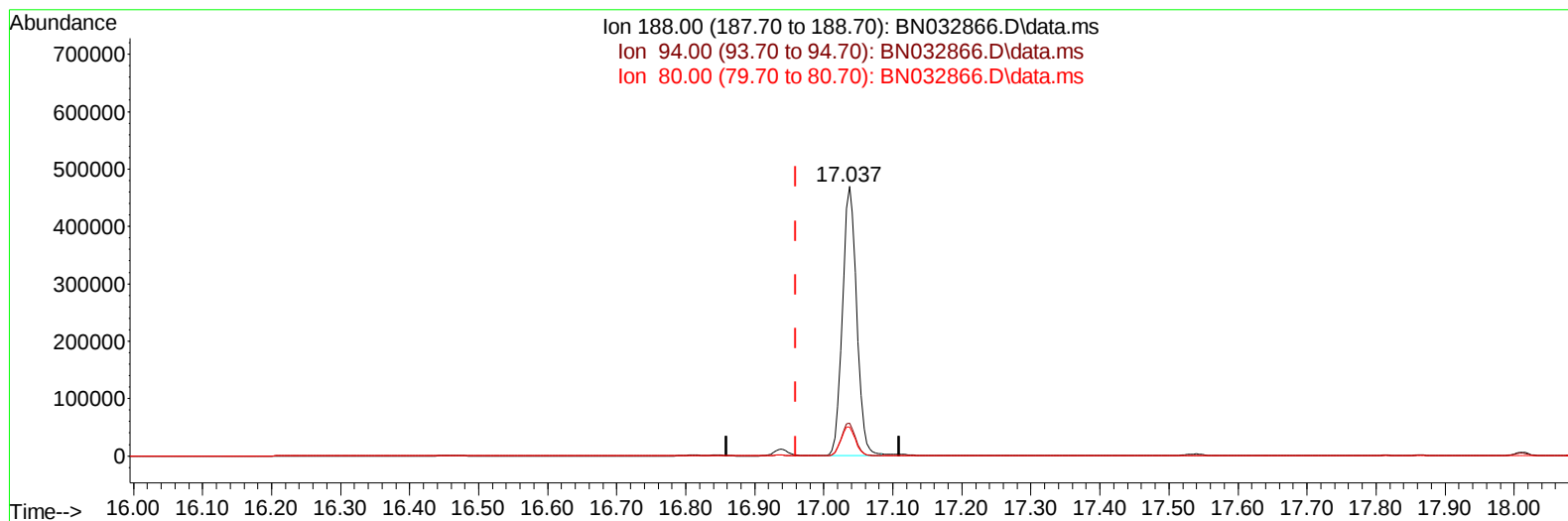
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.078) 0.40 ng/u1

response 677585

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.14
80.00	12.00	10.86
0.00	0.00	0.00

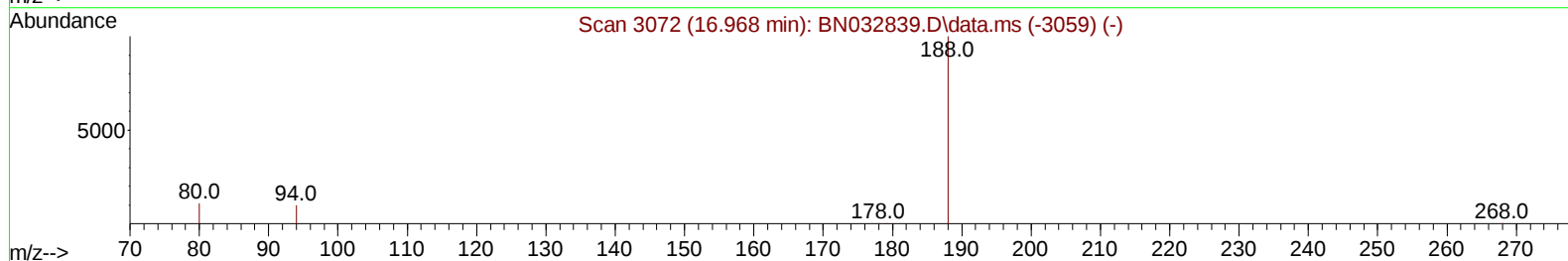
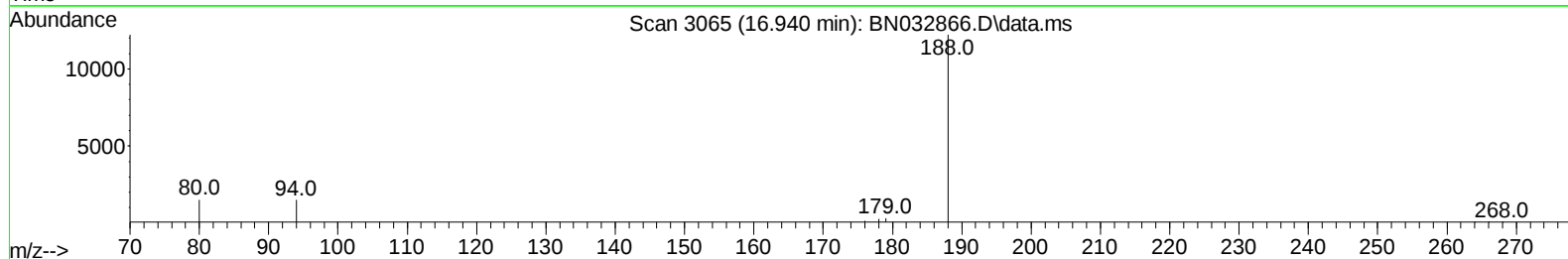
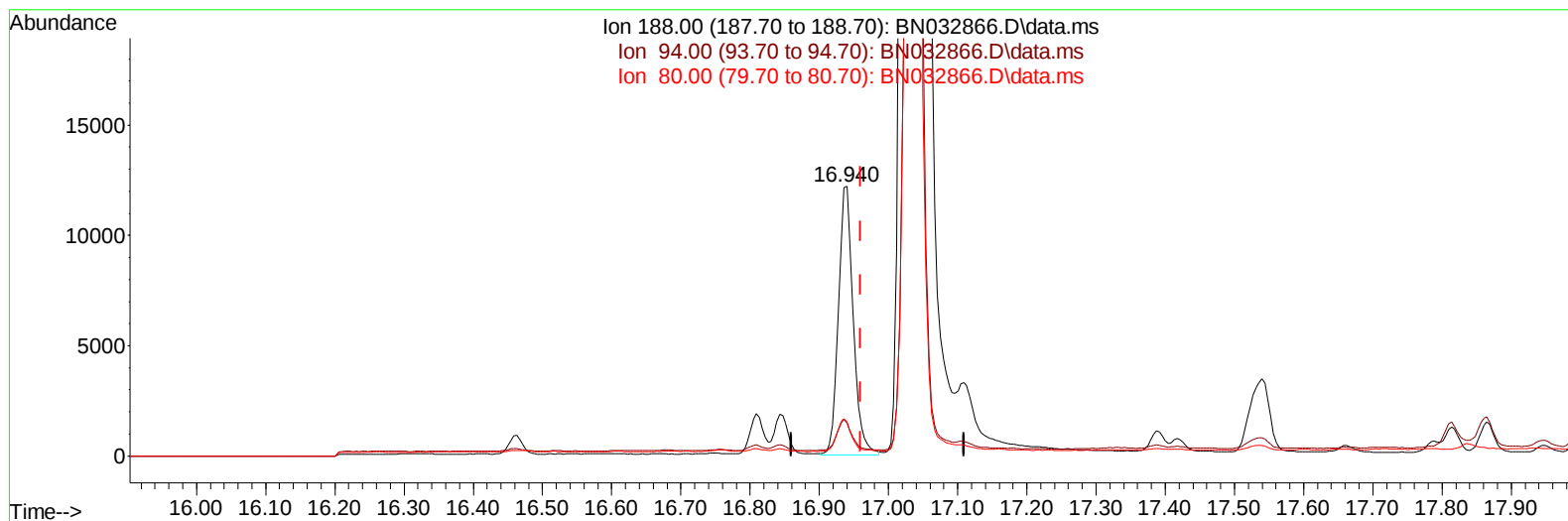
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.020) 0.40 ng/u1 m

response 18068

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.25
80.00	12.00	12.52
0.00	0.00	0.00

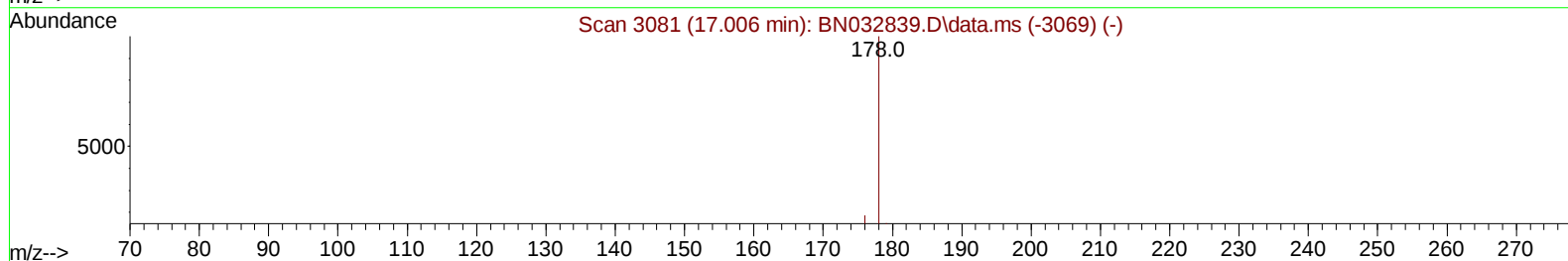
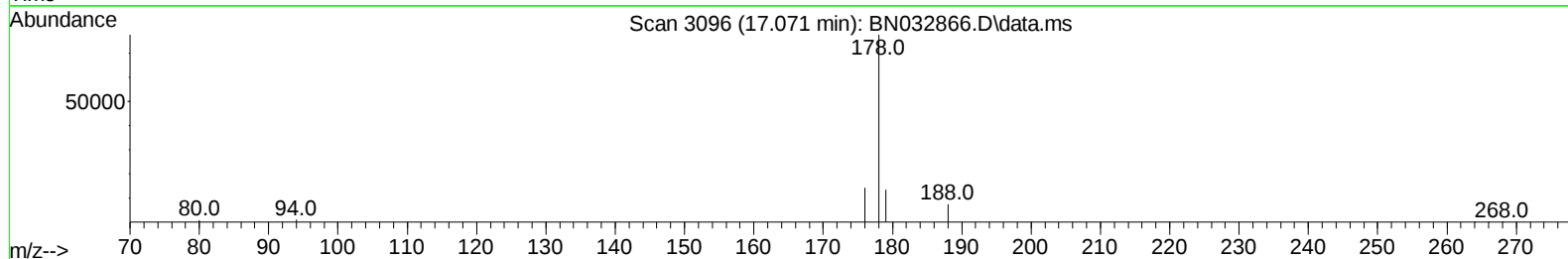
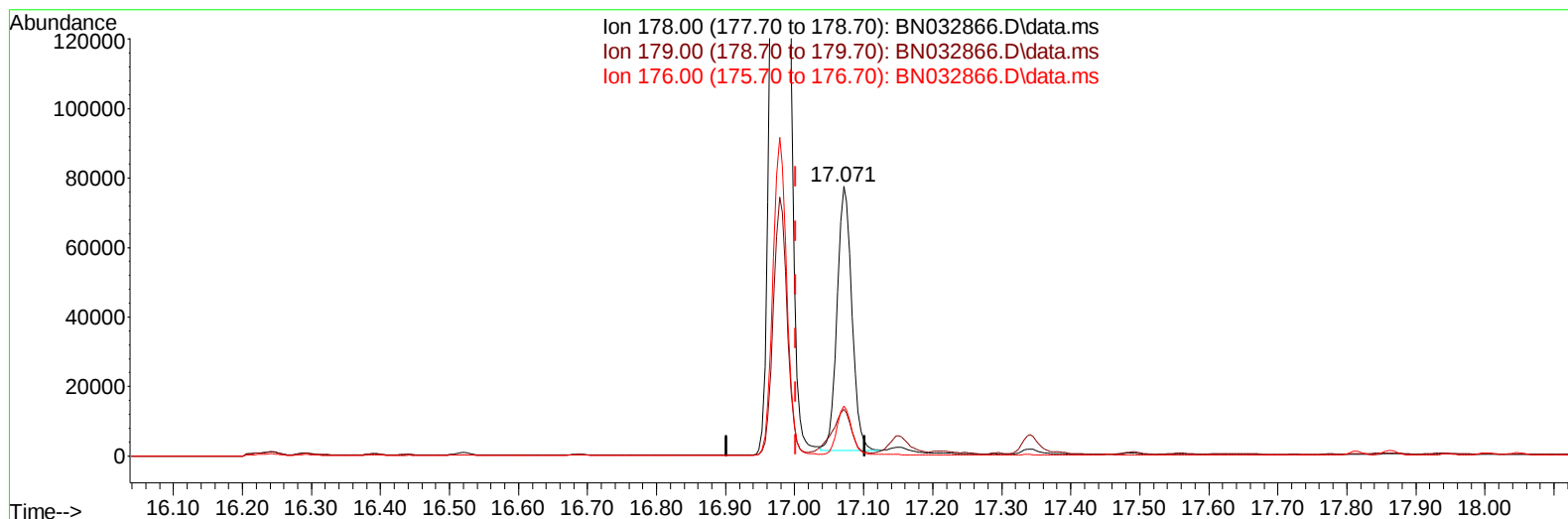
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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TIC: BN032866.D\data.ms

(15) Phenanthrene

17.071min (+ 0.069) 2.29 ng/u1

response 112691

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.33
176.00	19.50	18.49
0.00	0.00	0.00

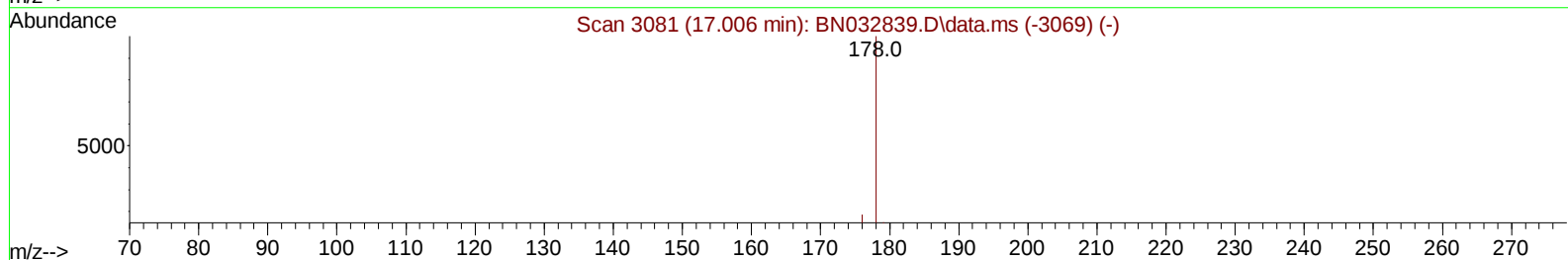
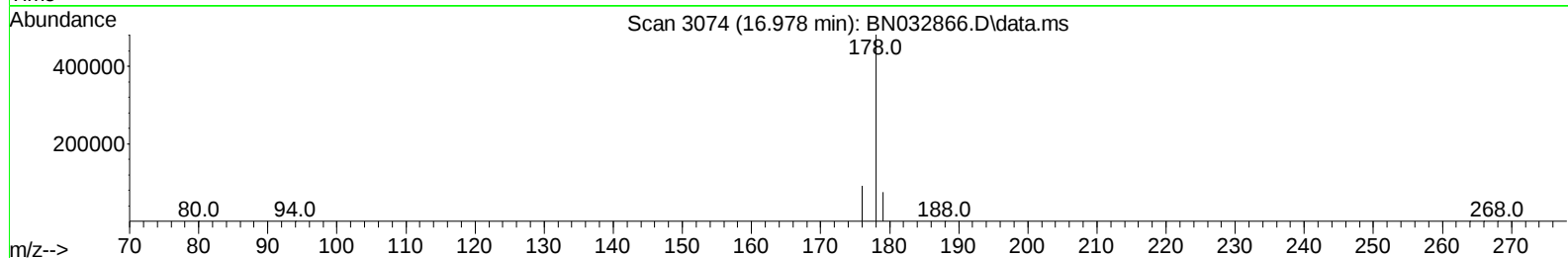
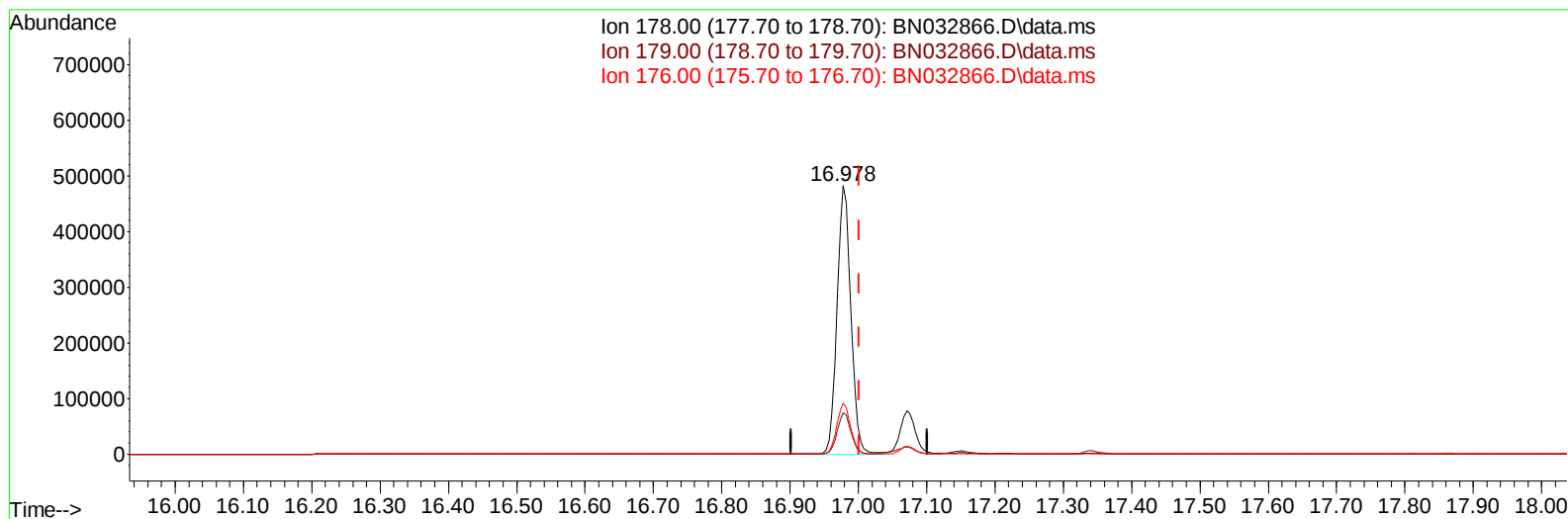
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032866.D
 Acq On : 20 Jul 2024 06:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 13.80 ng/ul m

response 679105

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.45
176.00	19.50	19.02
0.00	0.00	0.00

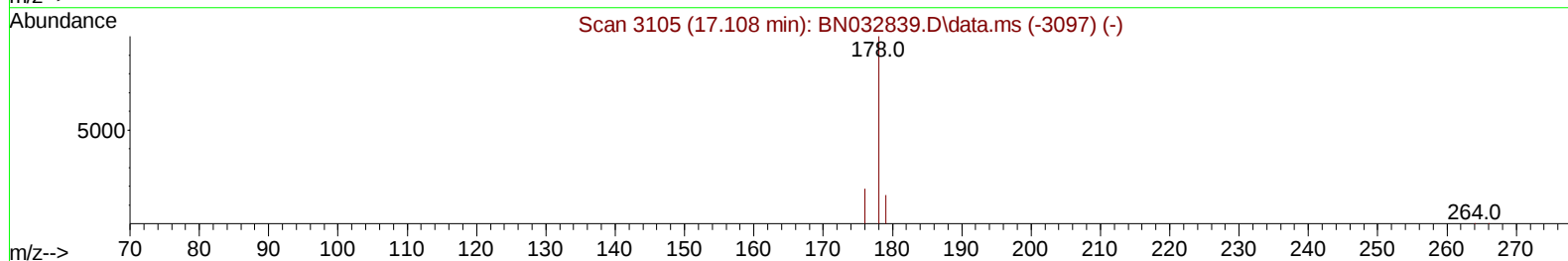
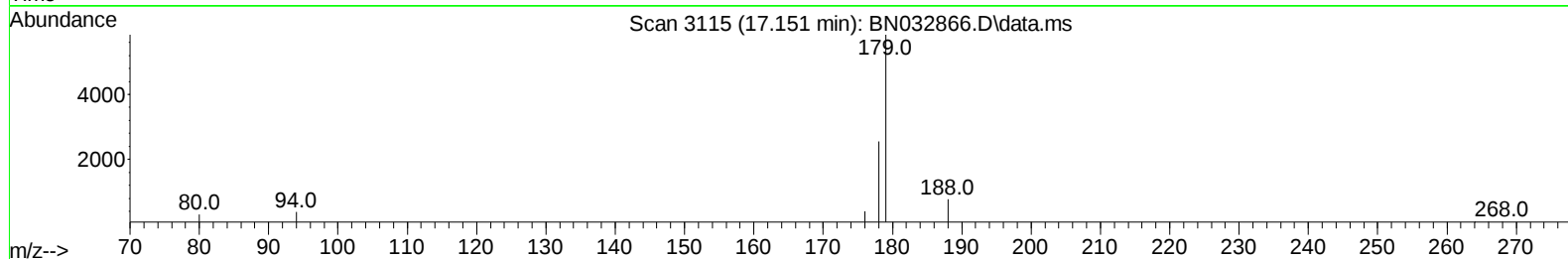
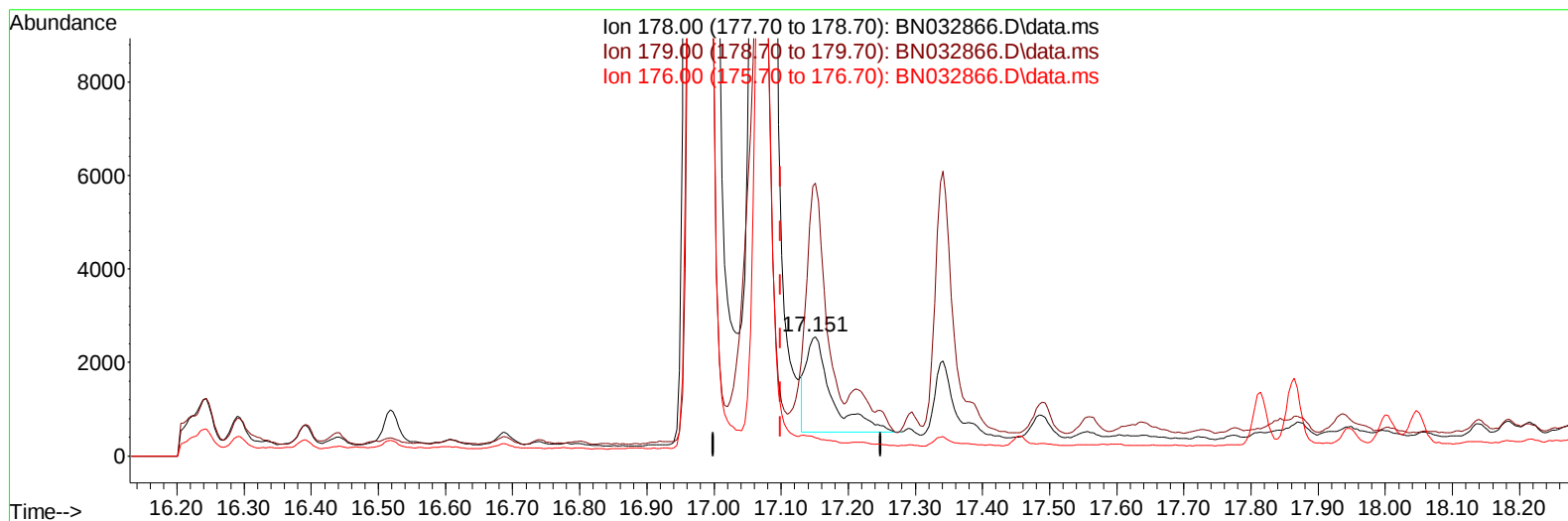
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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TIC: BN032866.D\data.ms

(16) Anthracene

17.151min (+ 0.052) 0.14 ng/u1

response 5515

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	228.99#
176.00	19.20	15.38
0.00	0.00	0.00

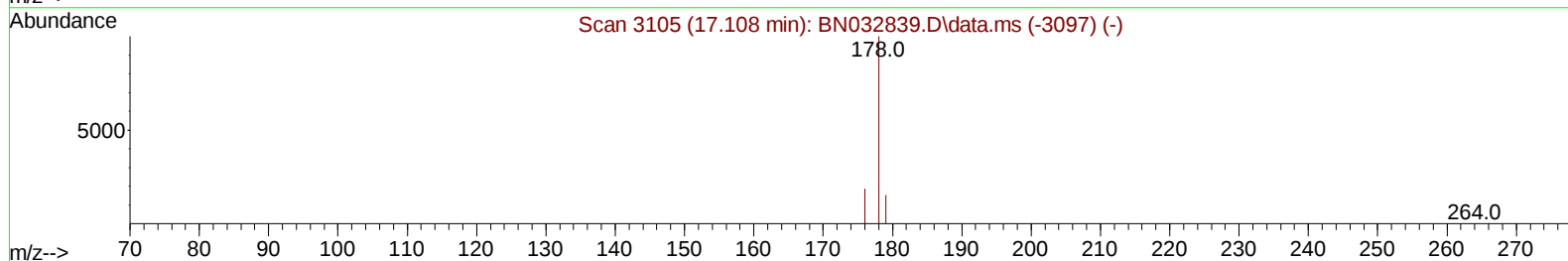
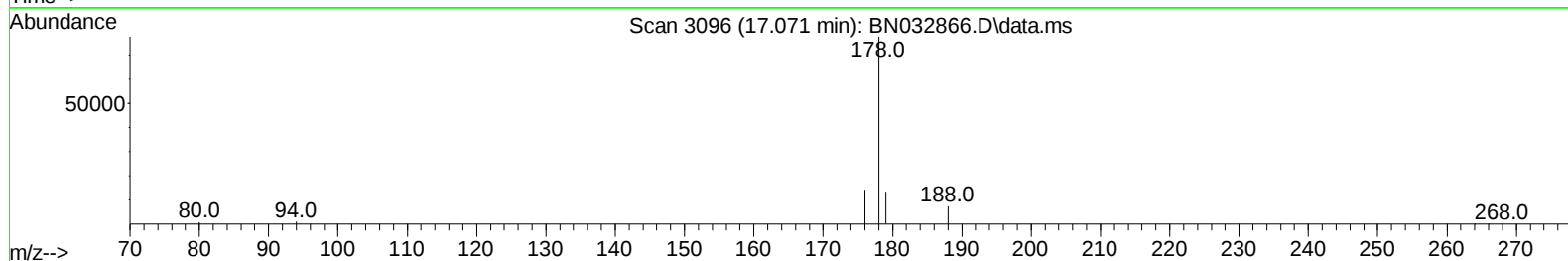
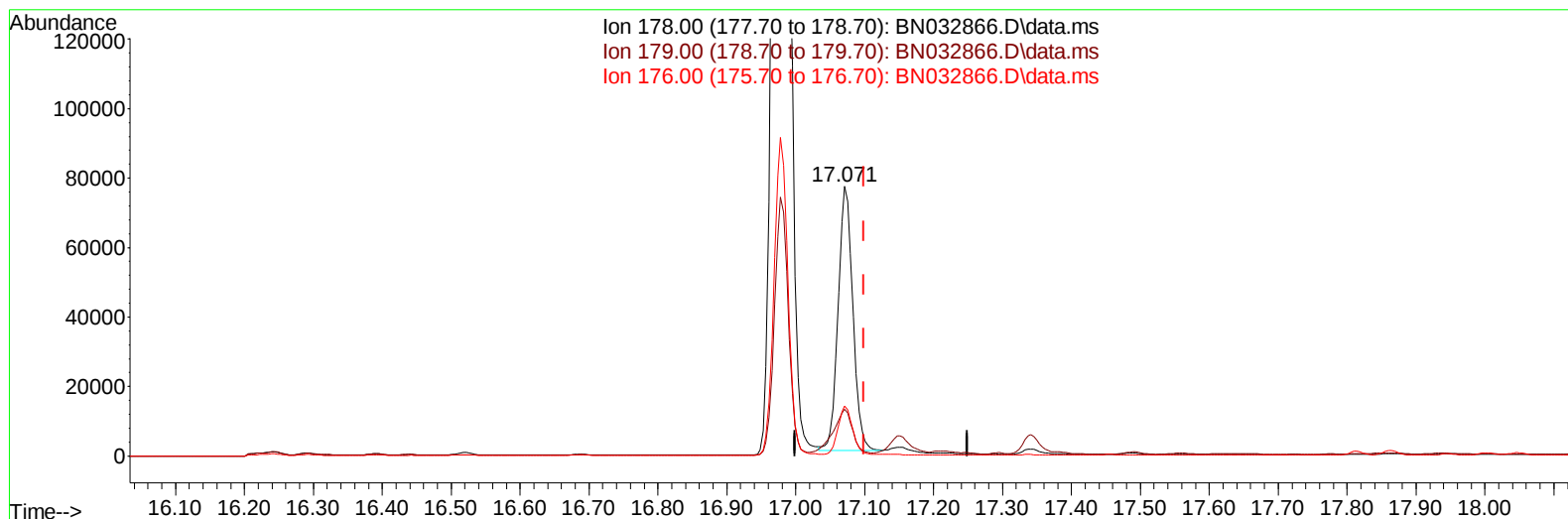
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(16) Anthracene

17.071min (-0.028) 2.82 ng/ul m

response 113471

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.33
176.00	19.20	18.49
0.00	0.00	0.00

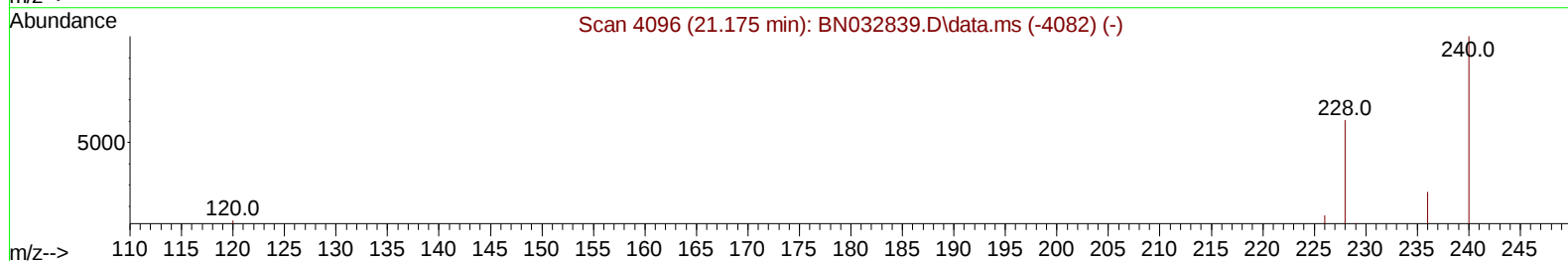
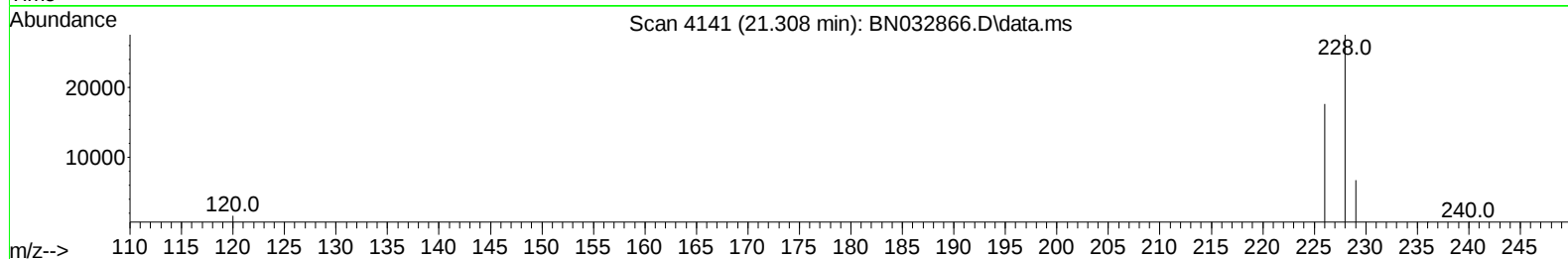
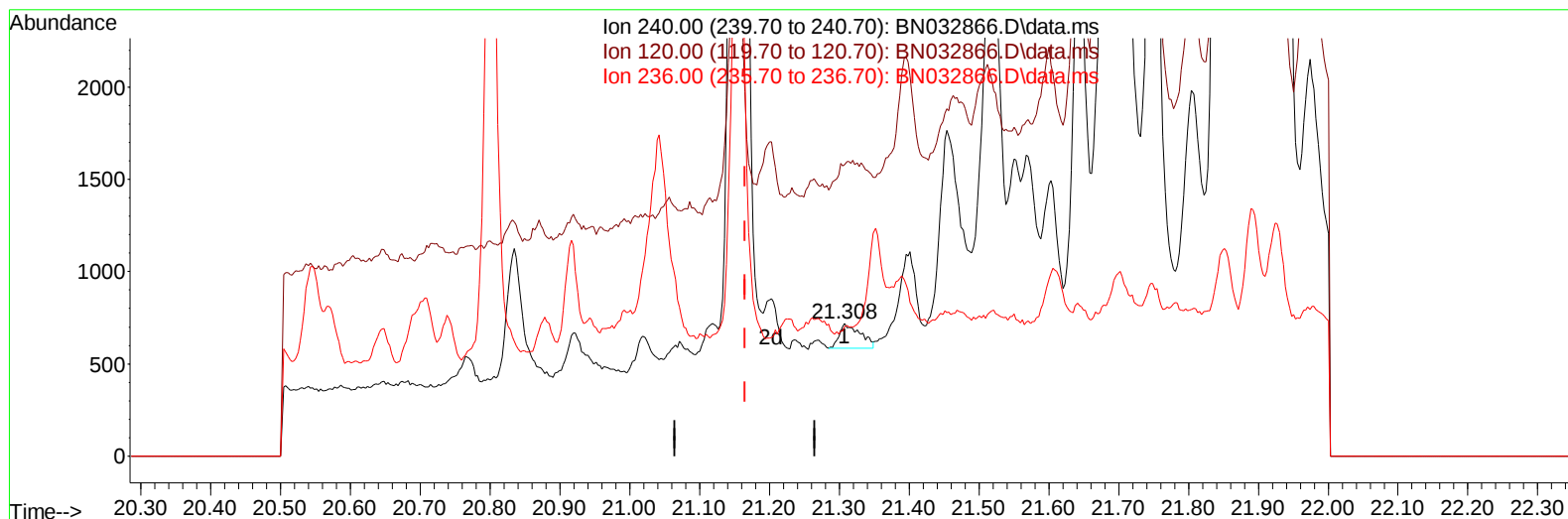
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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TIC: BN032866.D\data.ms

(17) Chrysene-d12

21.308min (+ 0.143) 0.40 ng/u1

response 278

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	219.92#
236.00	28.40	97.63#
0.00	0.00	0.00

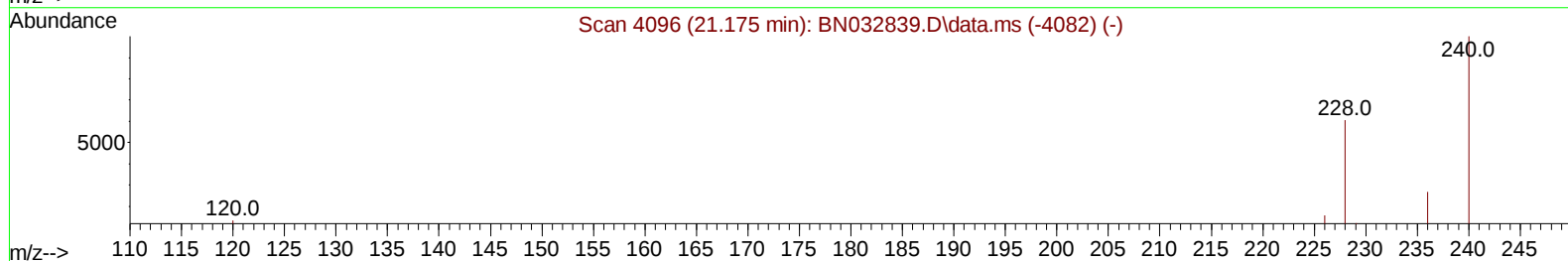
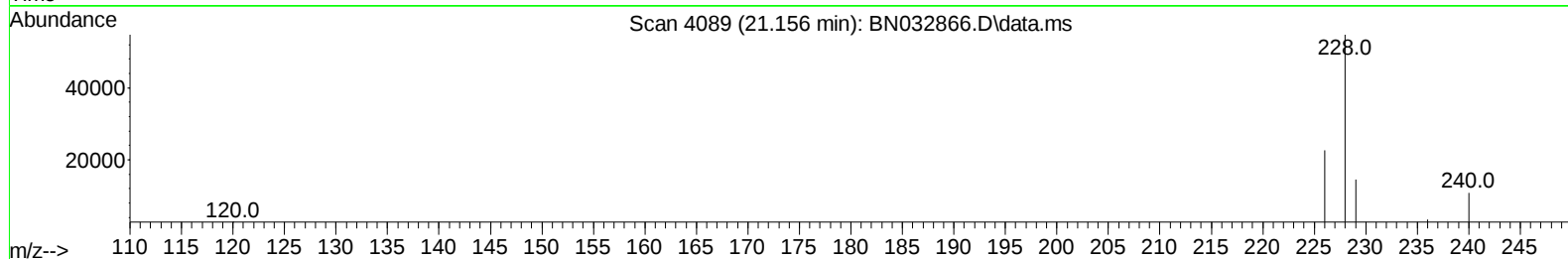
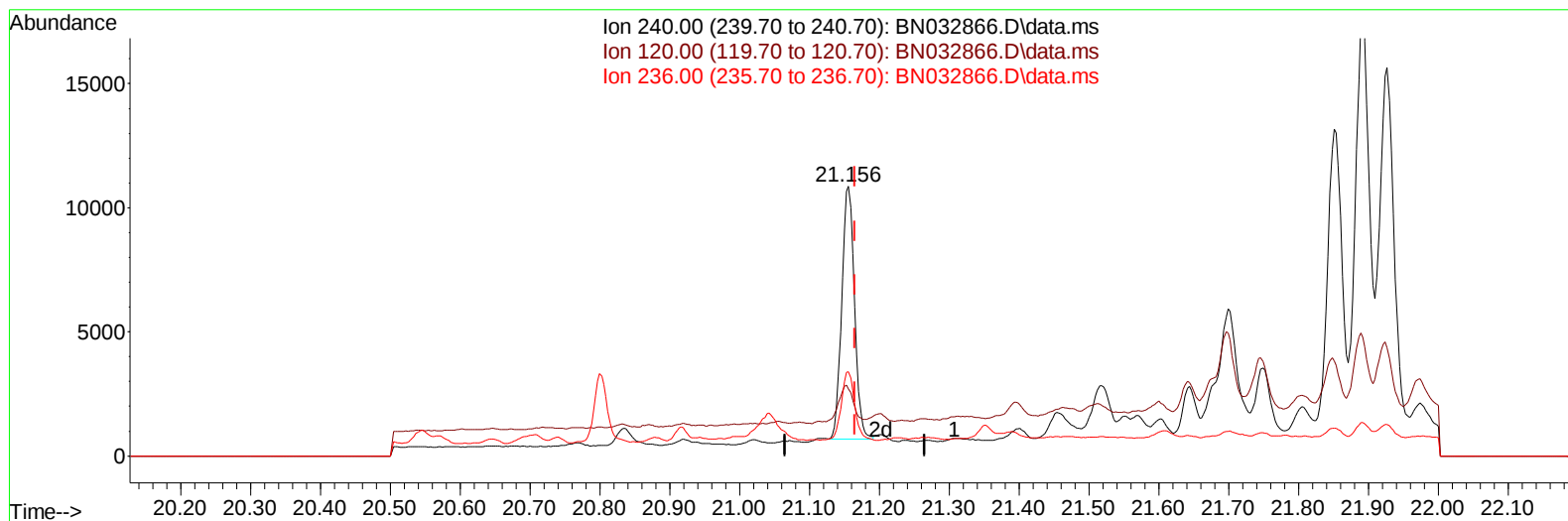
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(17) Chrysene-d12

21.156min (-0.009) 0.40 ng/u1 m

response 12886

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.88#
236.00	28.40	31.16
0.00	0.00	0.00

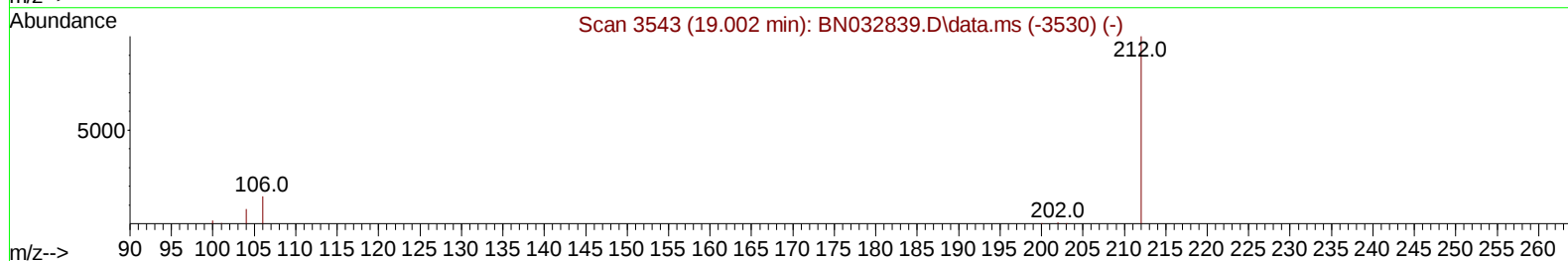
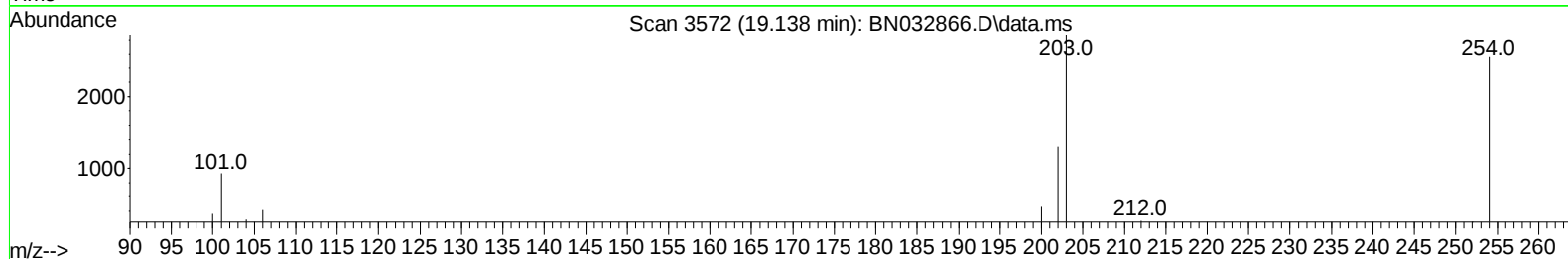
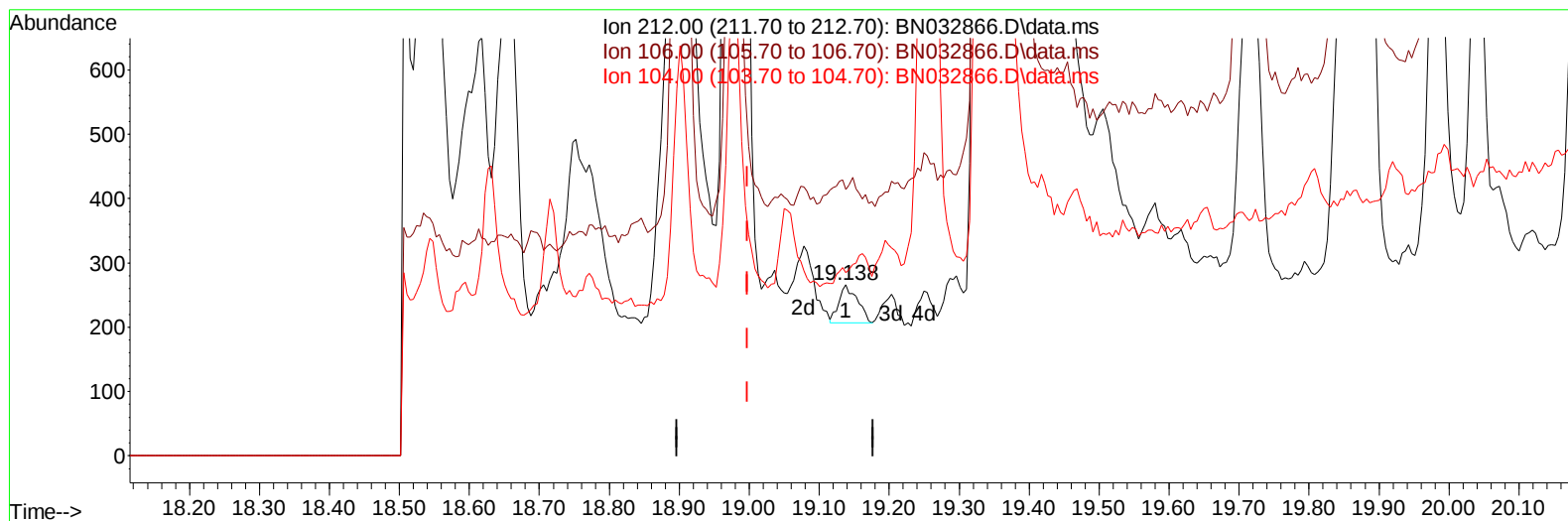
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

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TIC: BN032866.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.141) 0.00 ng/u1

response 107

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	107.48#
104.00	9.00	0.00#
0.00	0.00	0.00

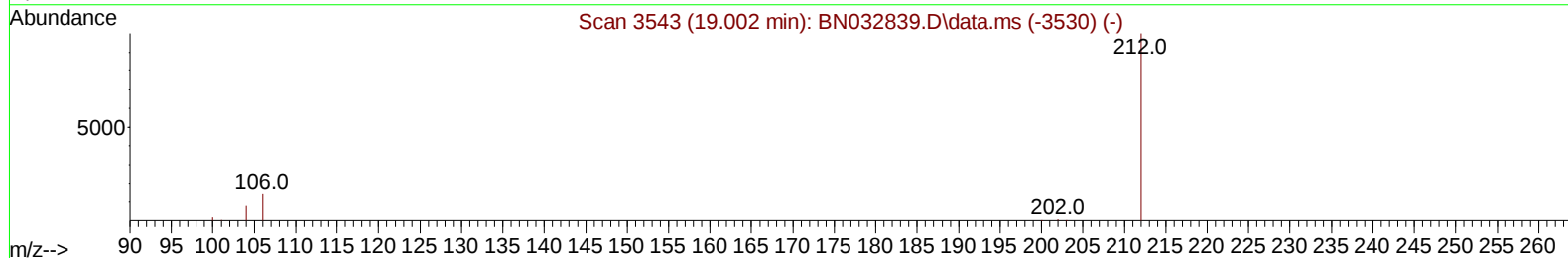
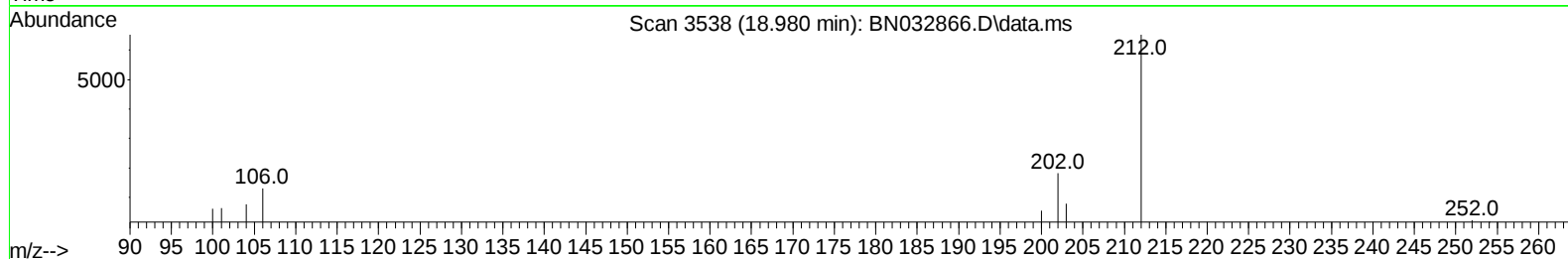
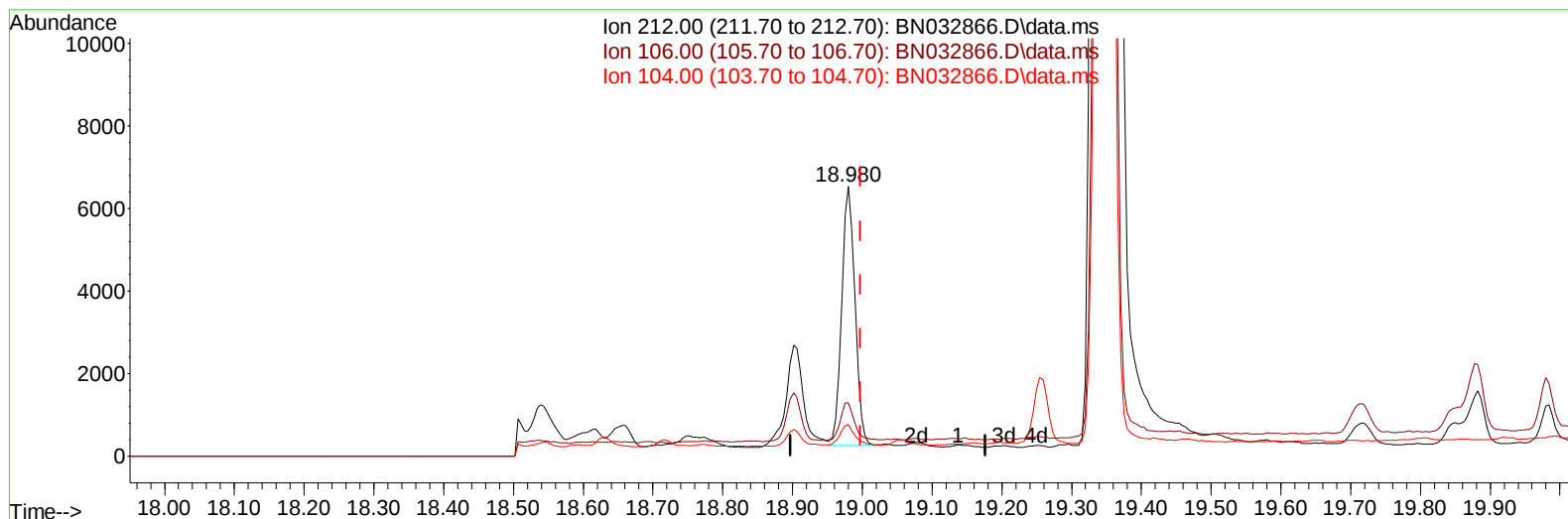
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032866.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.017) 0.20 ng/ul m

response 8223

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.40#
104.00	9.00	0.00#
0.00	0.00	0.00

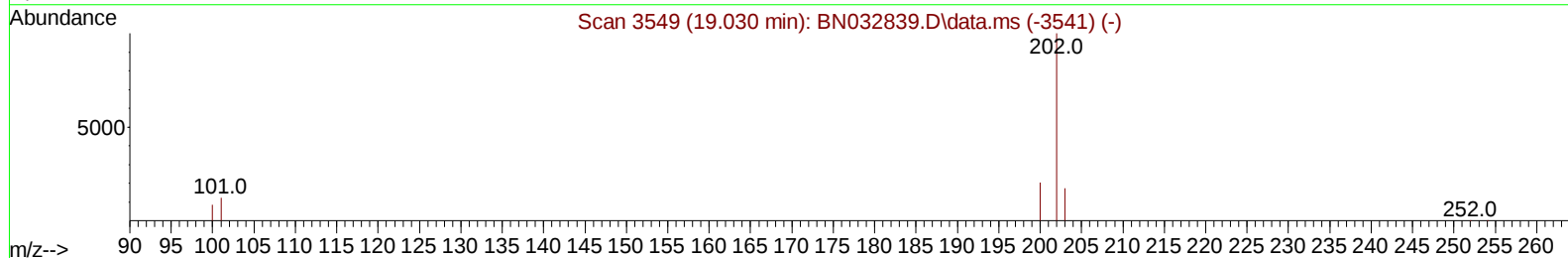
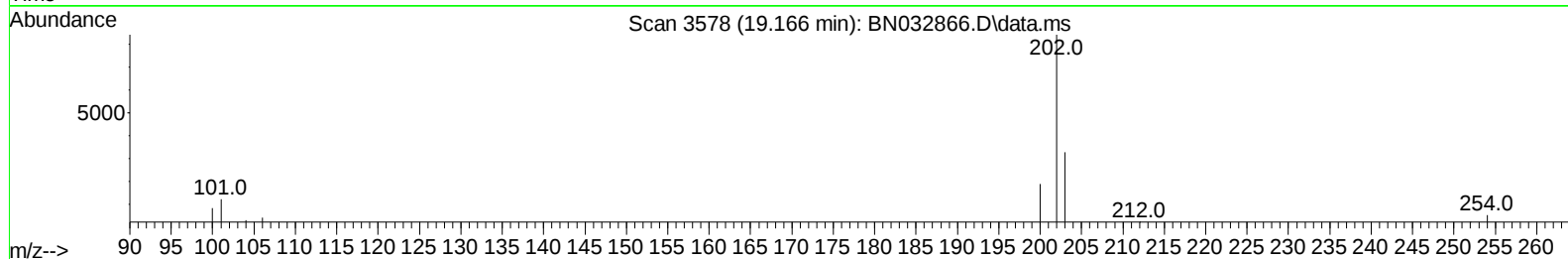
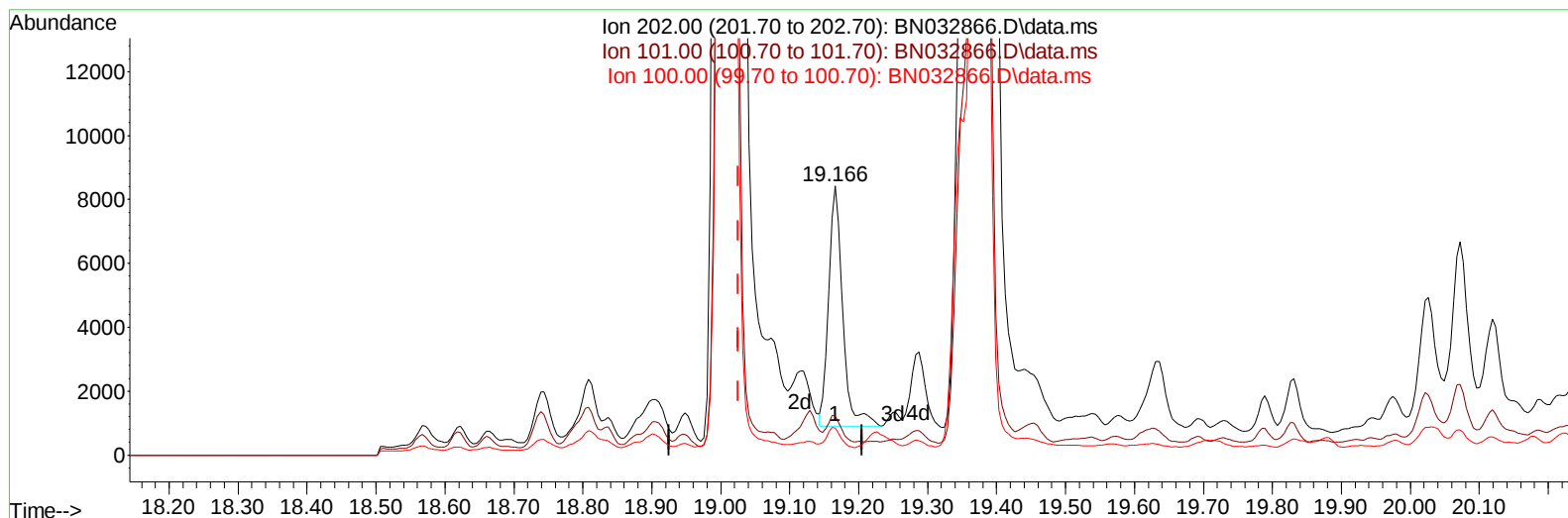
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032866.D
 Acq On : 20 Jul 2024 06:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9

Manual IntegrationsAPPROVED

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TIC: BN032866.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.20 ng/u1

response 10689

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.55
100.00	9.90	9.94
0.00	0.00	0.00

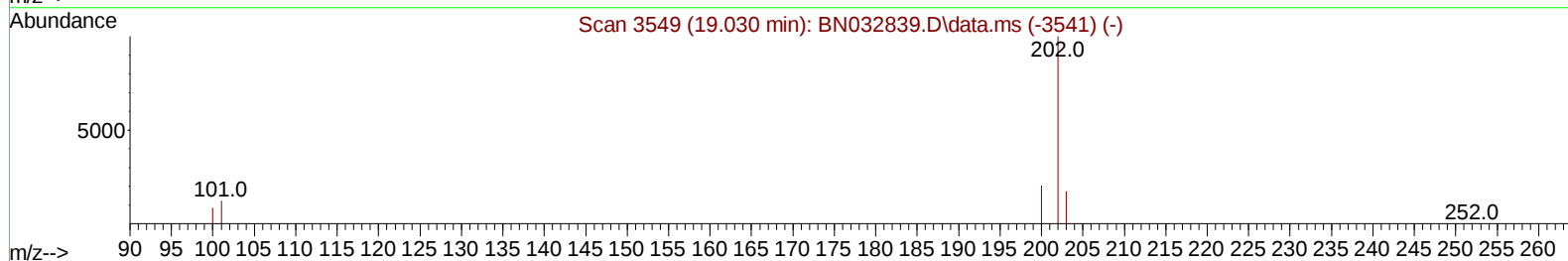
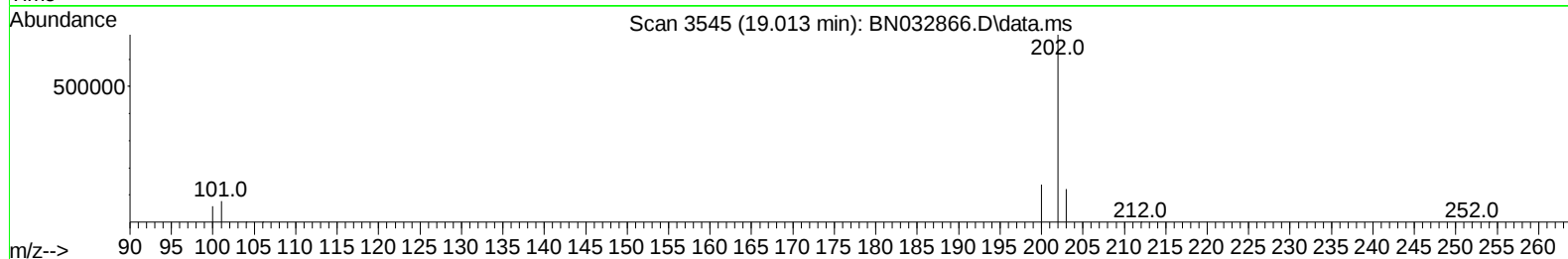
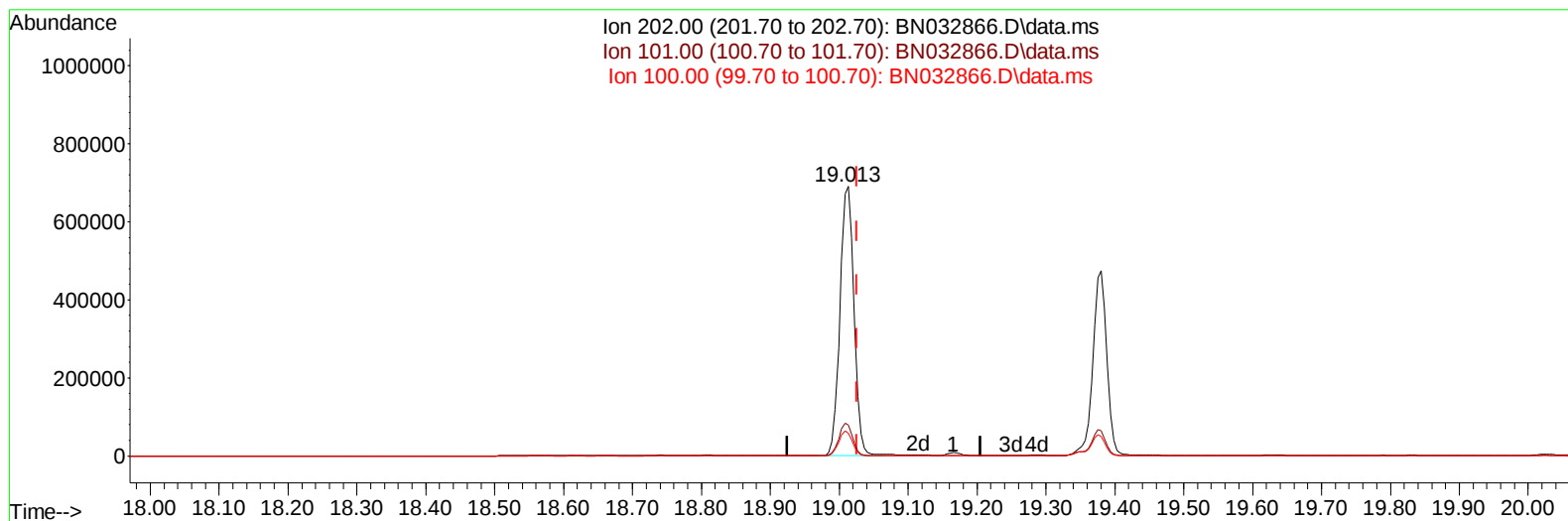
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

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TIC: BN032866.D\data.ms

(19) Fluoranthene (C)

19.013min (-0.012) 18.36 ng/ul m

response 961813

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.34
100.00	9.90	8.47
0.00	0.00	0.00

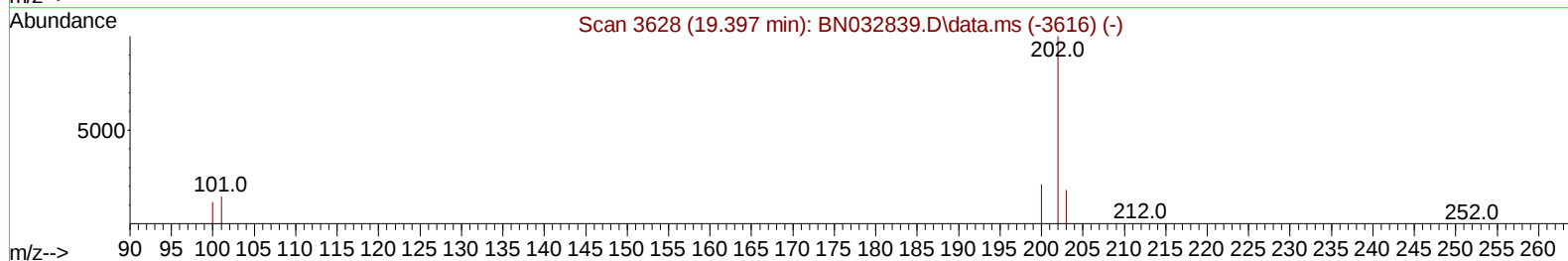
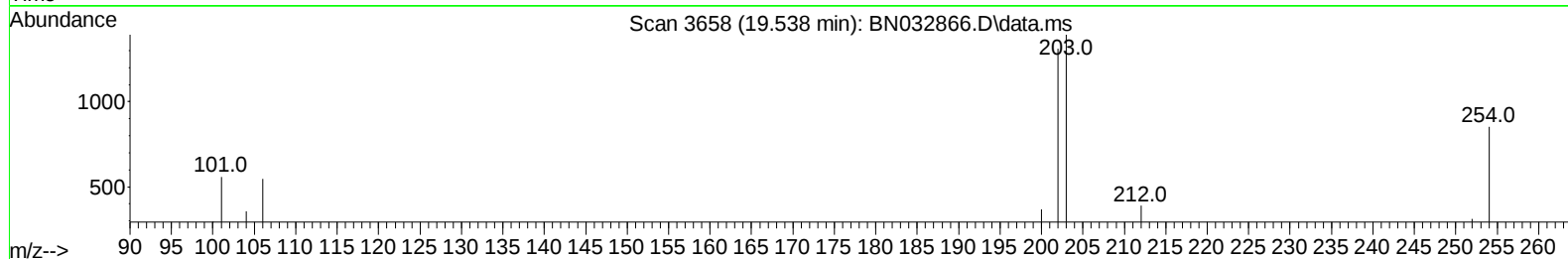
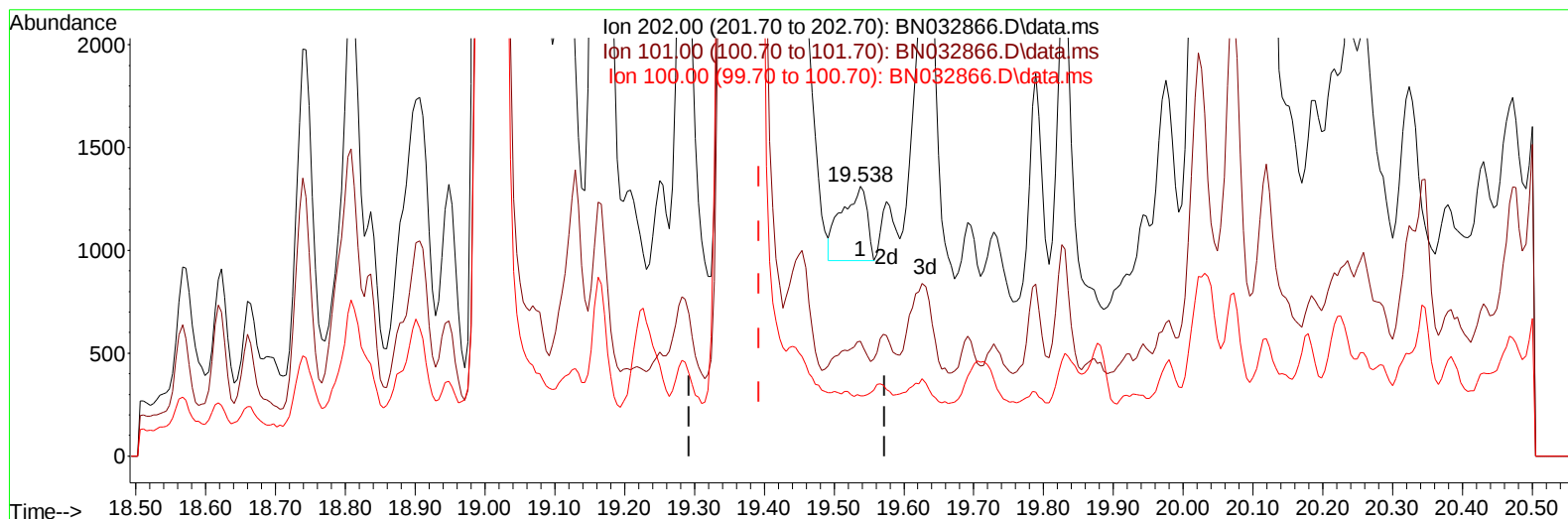
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032866.D
 Acq On : 20 Jul 2024 06:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9

Manual IntegrationsAPPROVED

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TIC: BN032866.D\data.ms

(20) Pyrene

19.538min (+ 0.146) 0.02 ng/u1

response 905

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.56#
100.00	12.00	22.35#
0.00	0.00	0.00

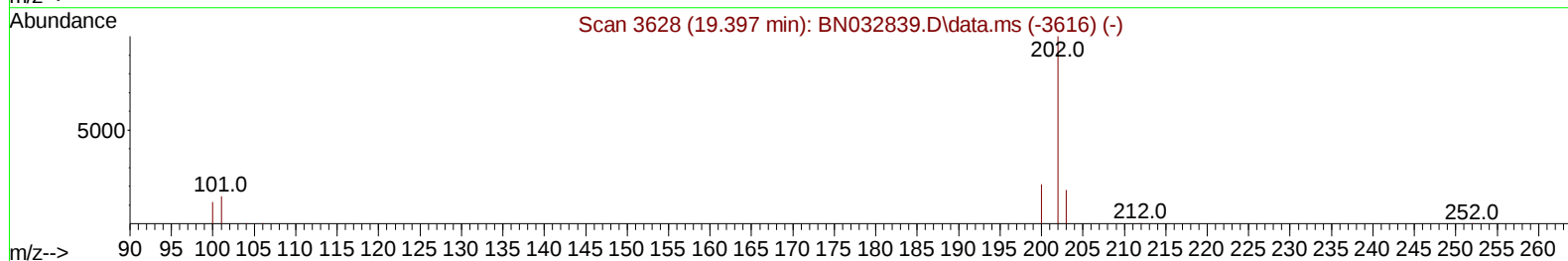
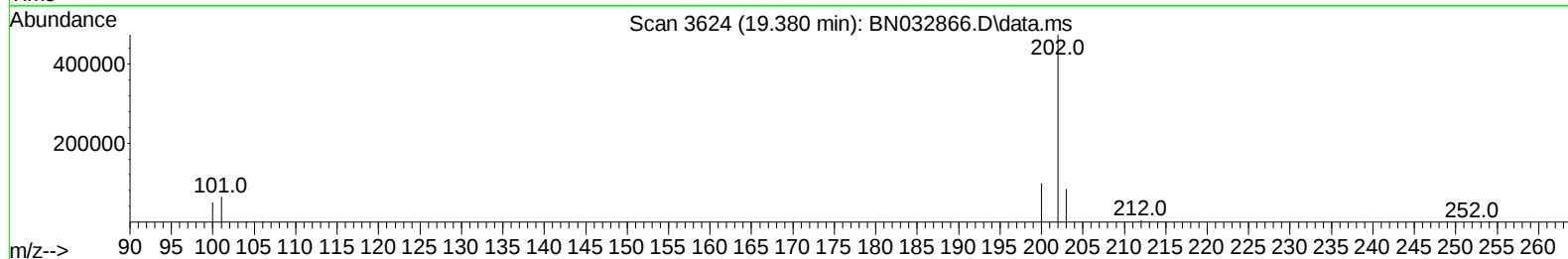
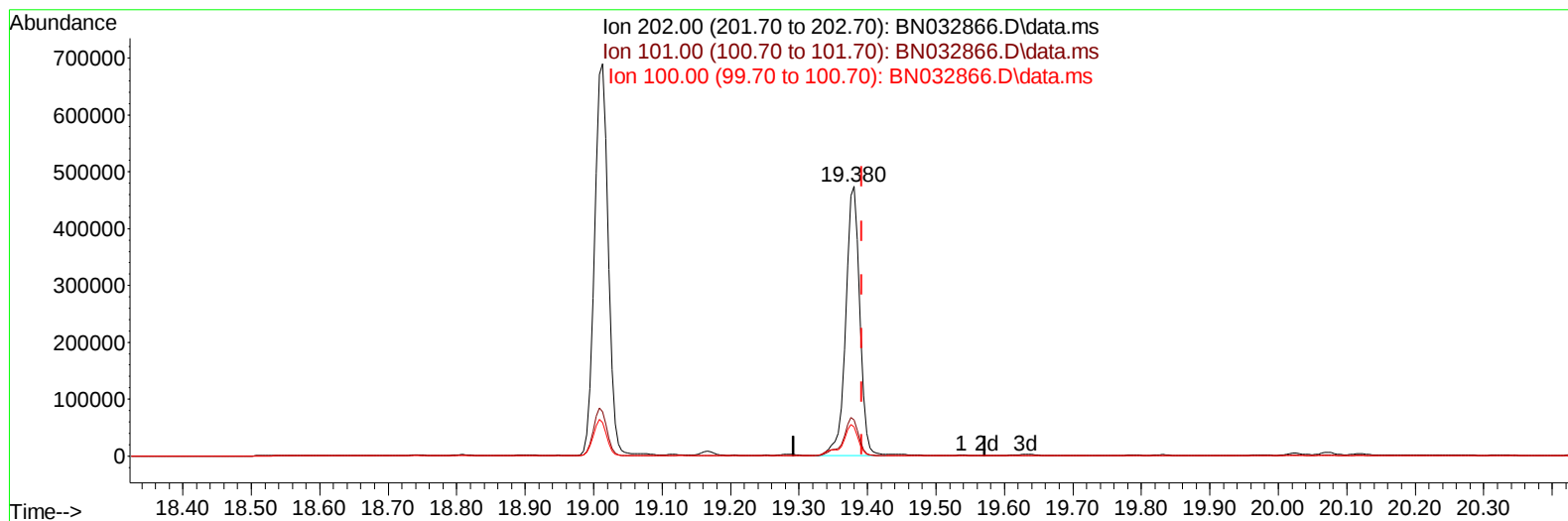
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(20) Pyrene

19.380min (-0.012) 12.44 ng/ul m

response 674687

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.43
100.00	12.00	10.66
0.00	0.00	0.00

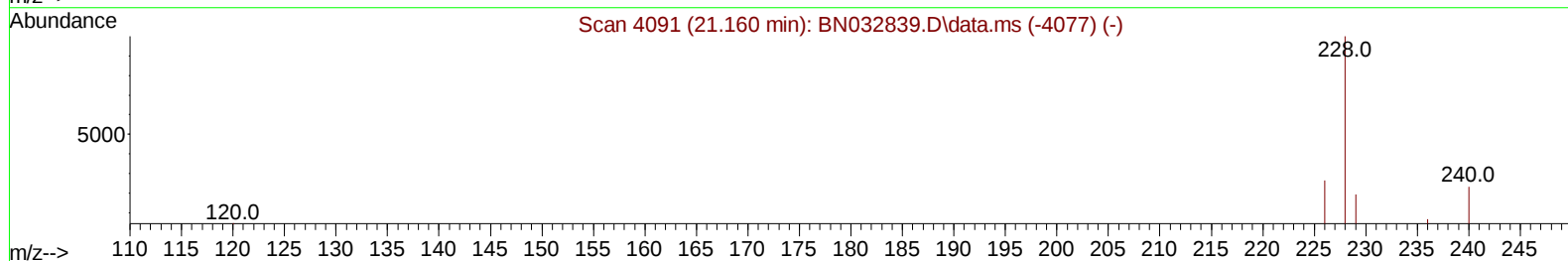
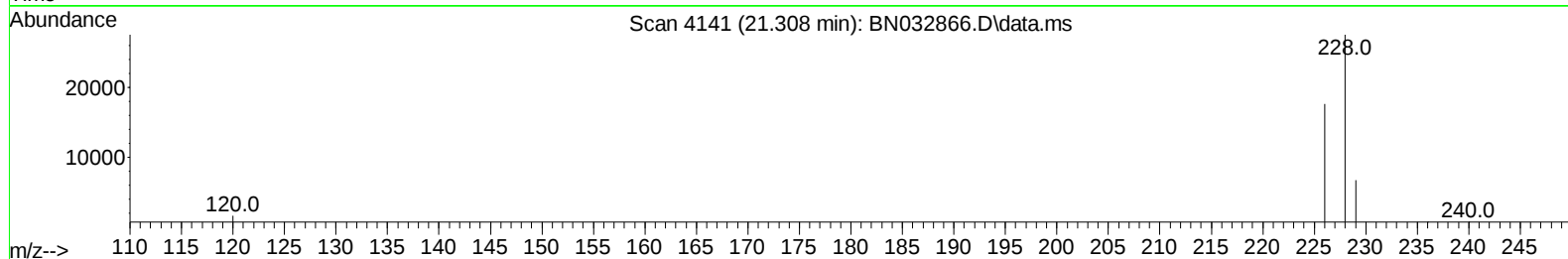
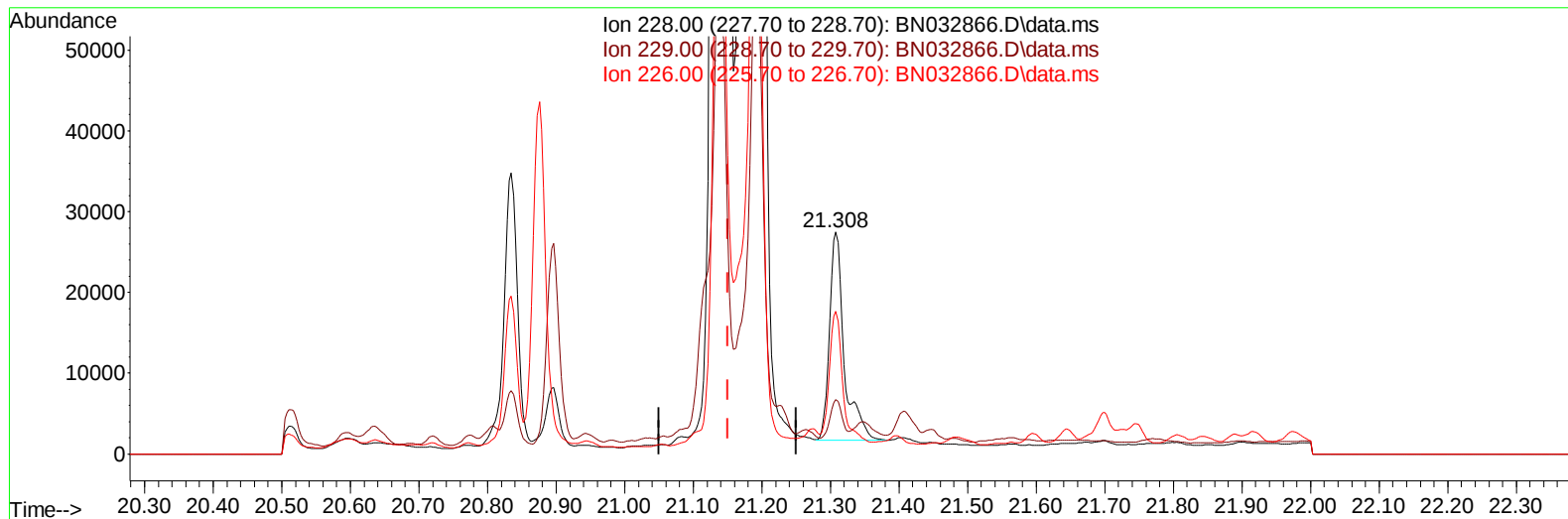
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(21) Benzo(a)anthracene

21.308min (+ 0.158) 0.93 ng/u1

response 38205

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.37#
226.00	27.40	64.15#
0.00	0.00	0.00

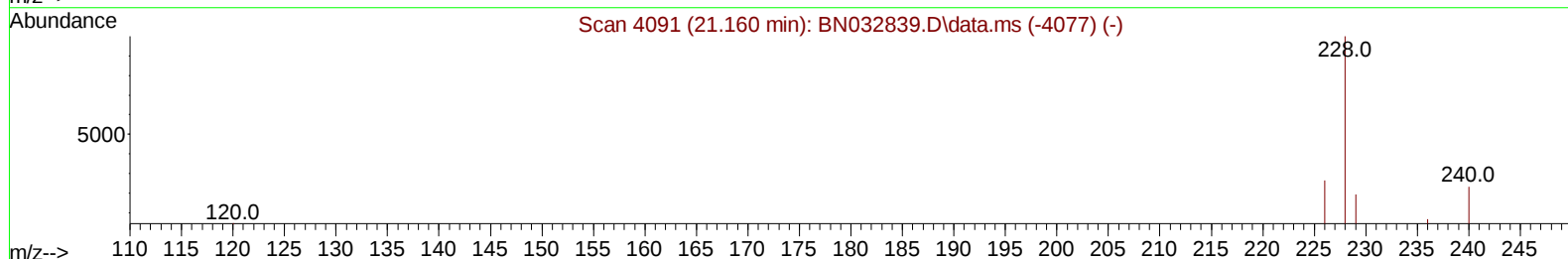
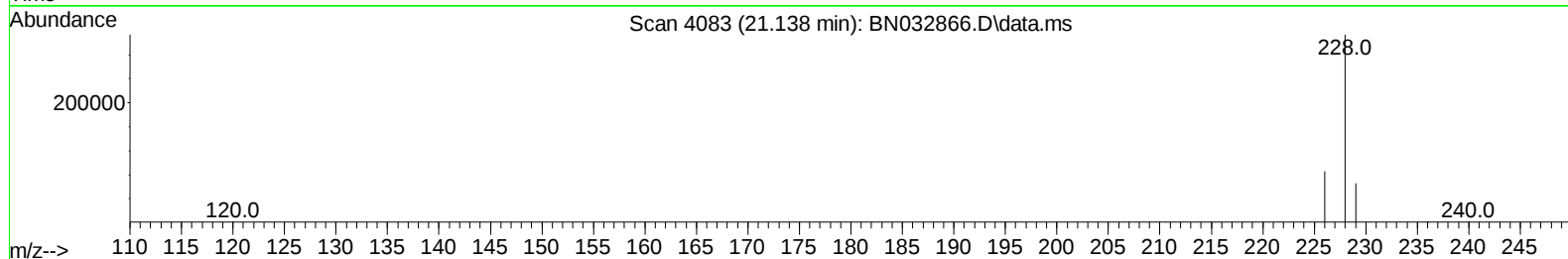
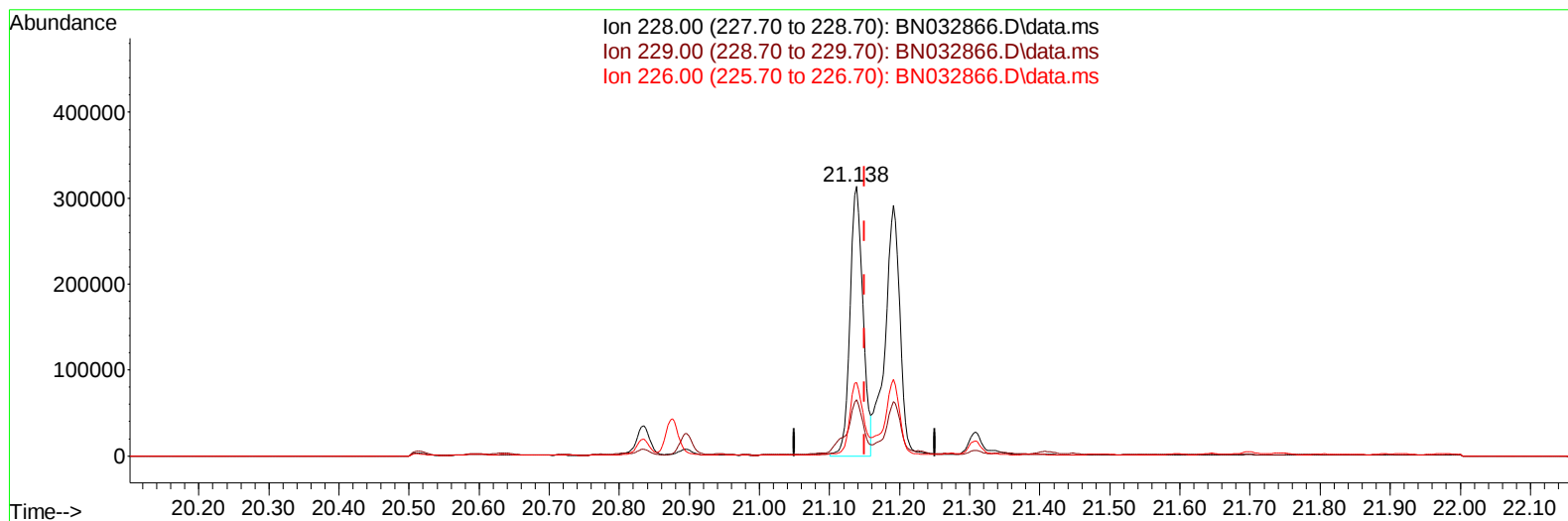
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(21) Benzo(a)anthracene

21.138min (-0.012) 9.80 ng/u1 m

response 401990

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.89
226.00	27.40	27.36
0.00	0.00	0.00

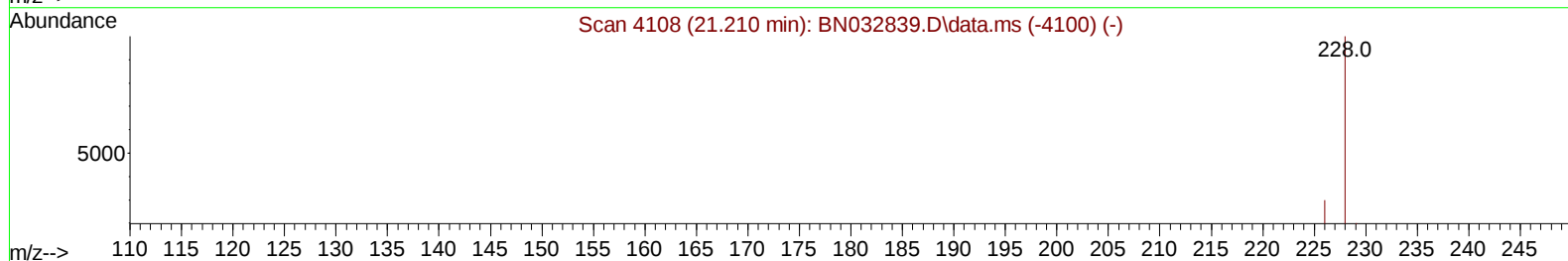
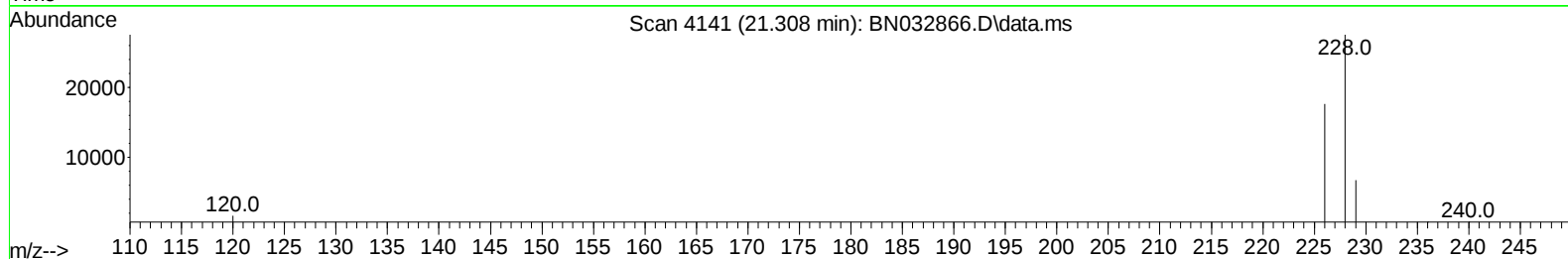
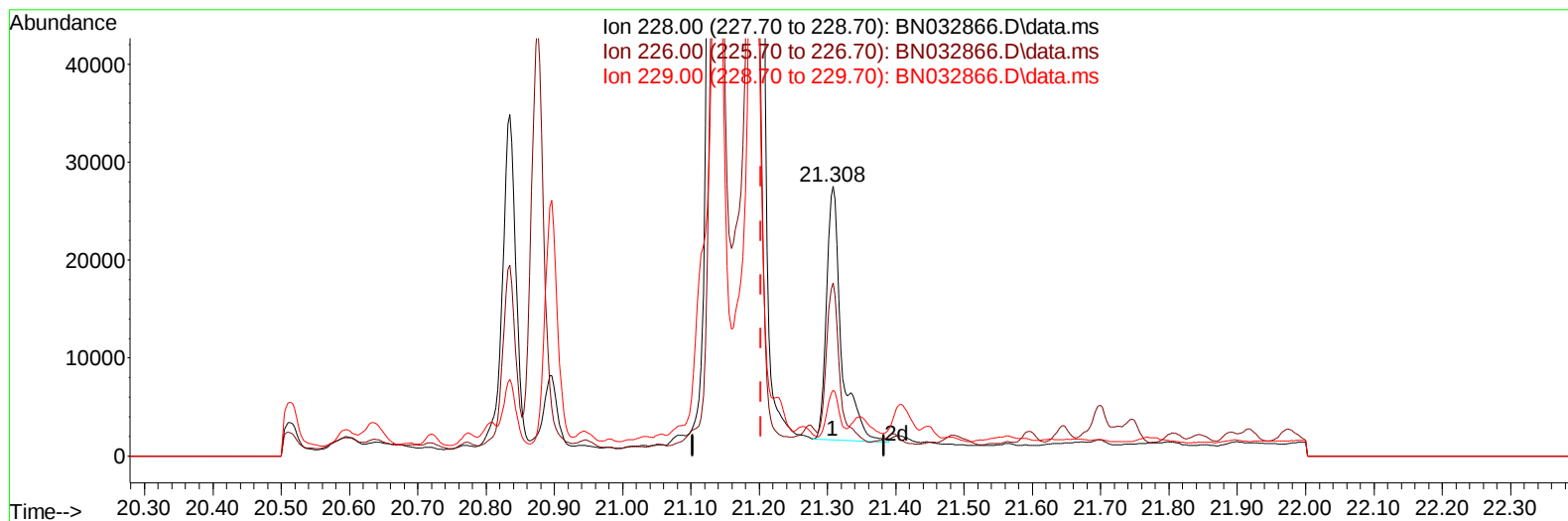
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(22) Chrysene

21.308min (+ 0.105) 0.66 ng/u1

response 39144

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.15#
229.00	19.70	24.37#
0.00	0.00	0.00

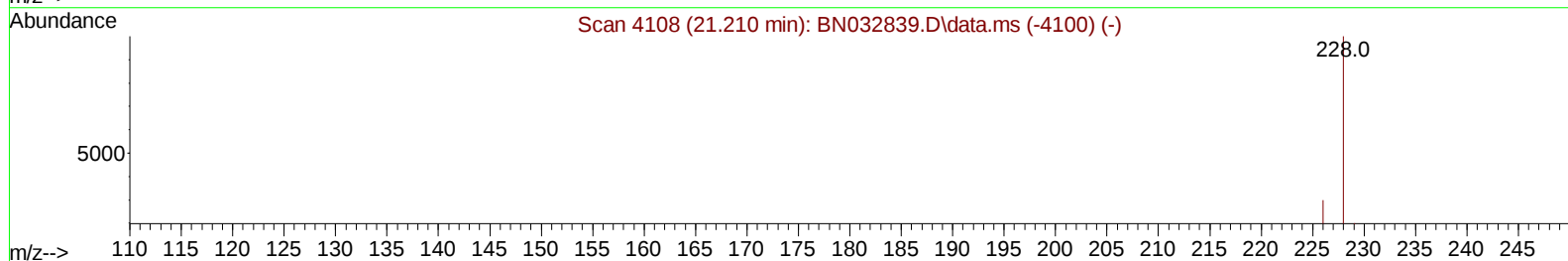
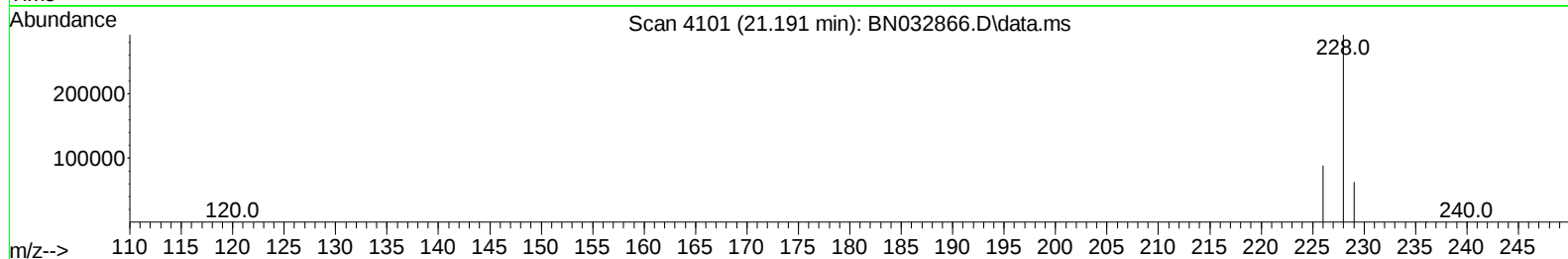
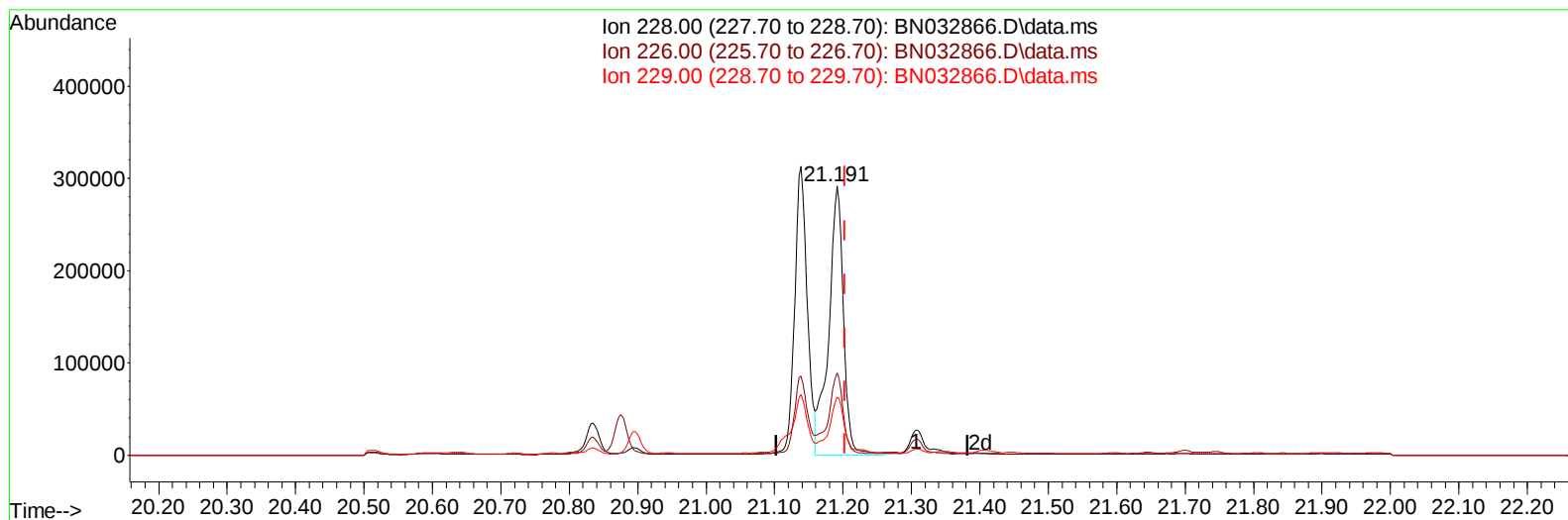
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(22) Chrysene

21.191min (-0.012) 7.41 ng/ul m

response 439651

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.45
229.00	19.70	21.60
0.00	0.00	0.00

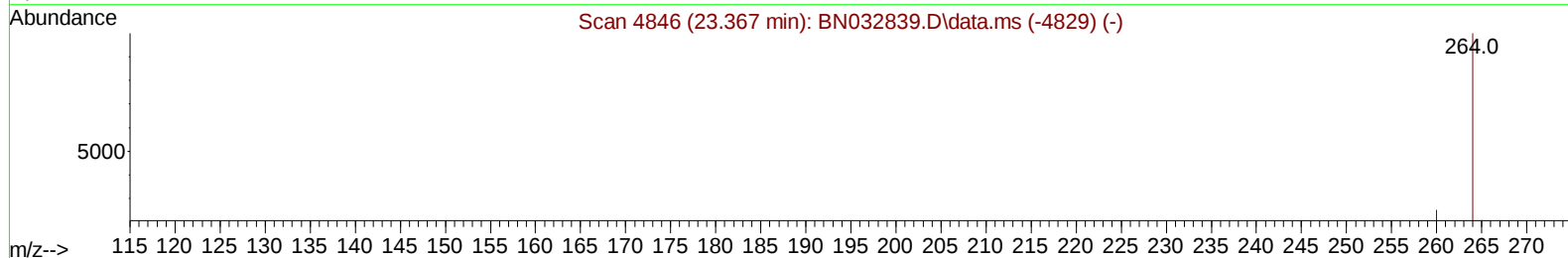
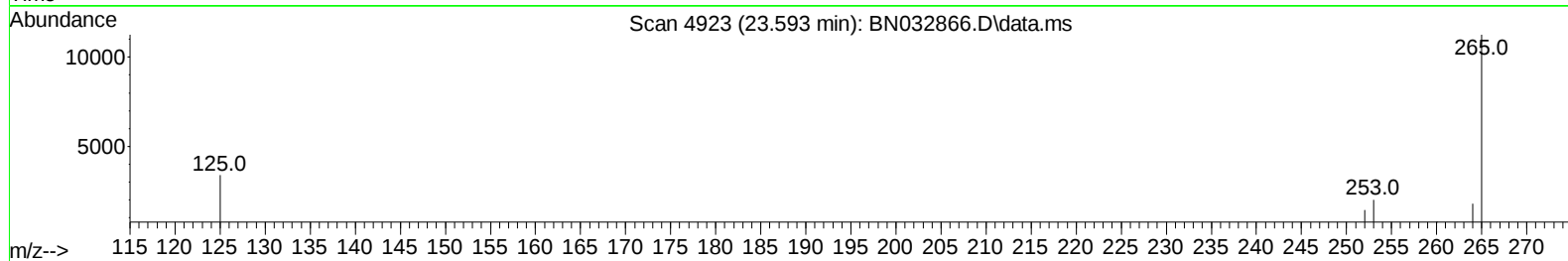
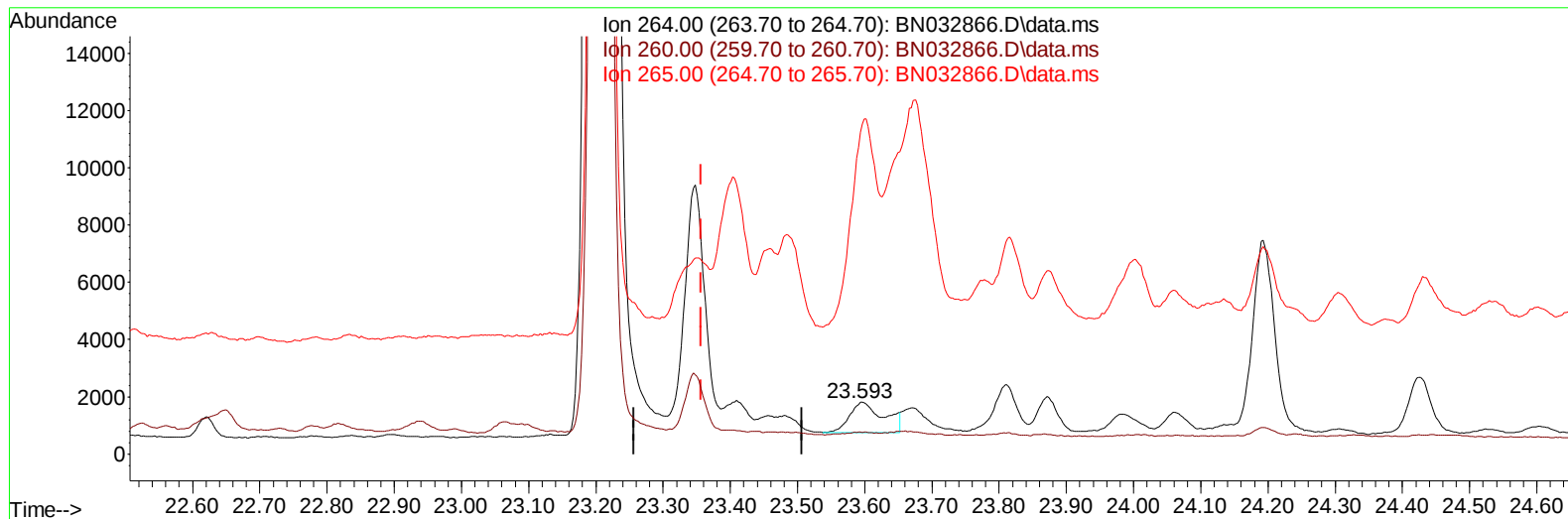
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(23) Perylene-d12 (I)

23.593min (+ 0.237) 0.40 ng/u1

response 3727

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	42.49#
265.00	95.50	623.55#
0.00	0.00	0.00

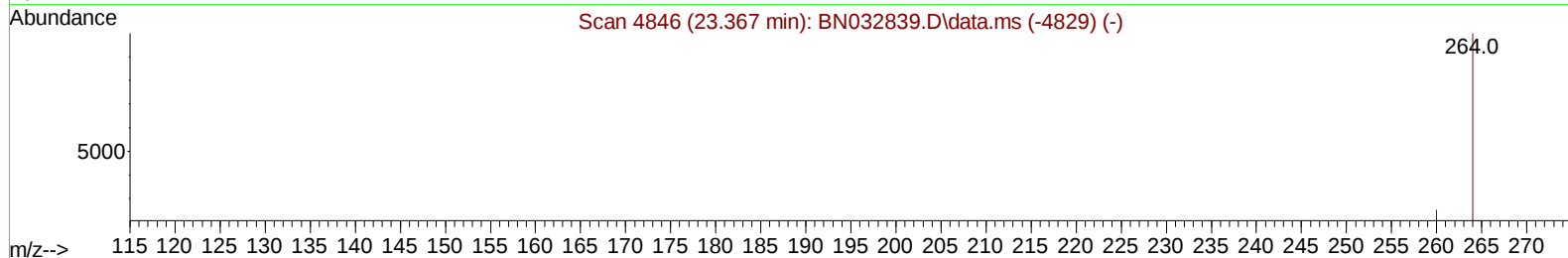
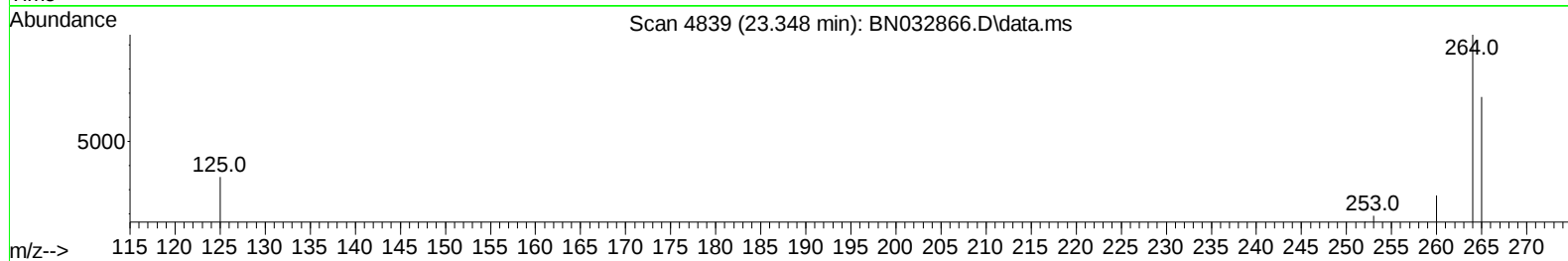
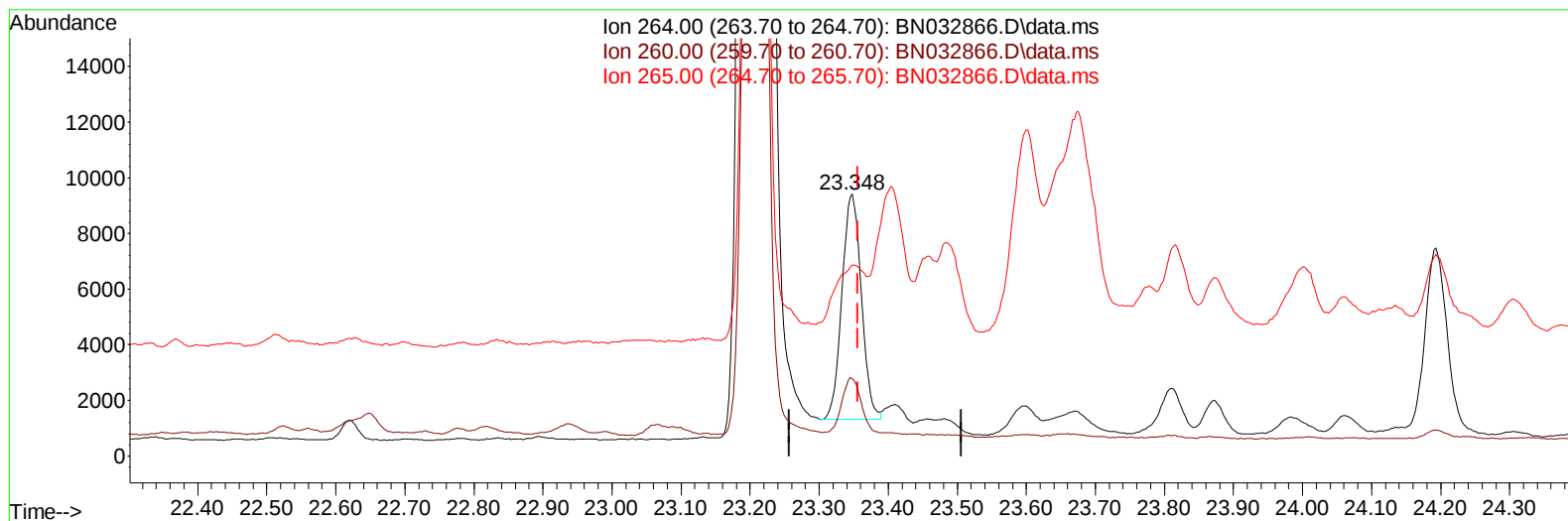
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.009) 0.40 ng/ul m

response 15868

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.47
265.00	95.50	72.77#
0.00	0.00	0.00

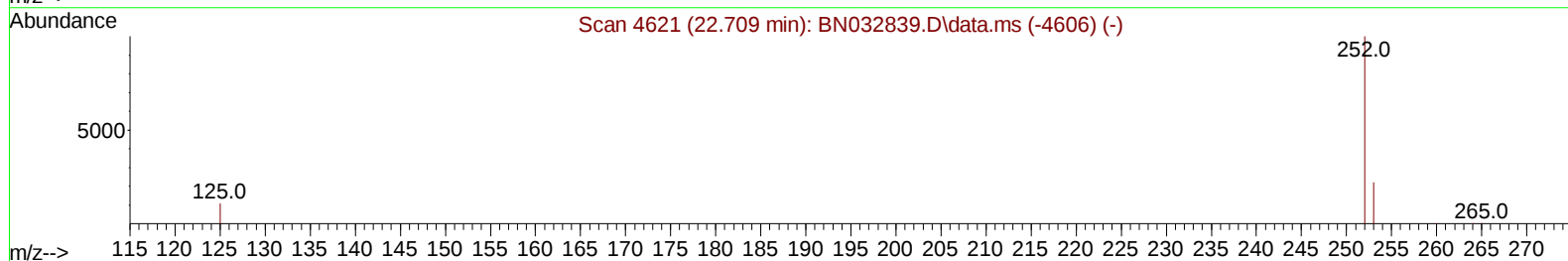
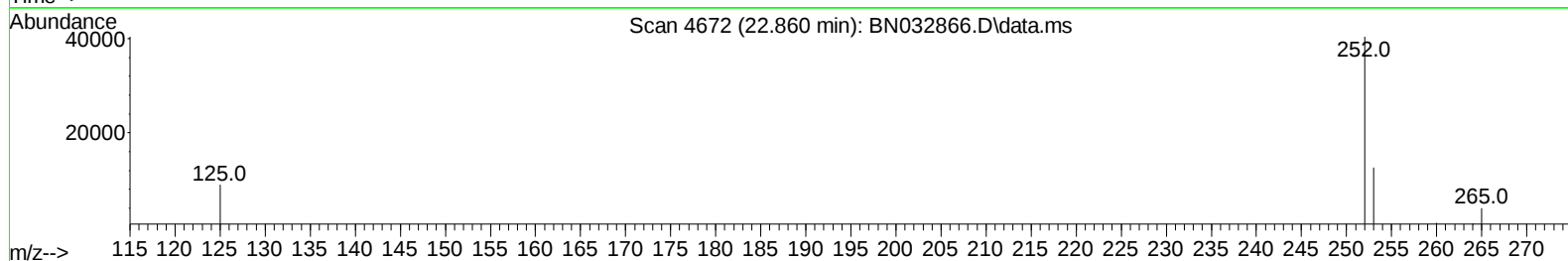
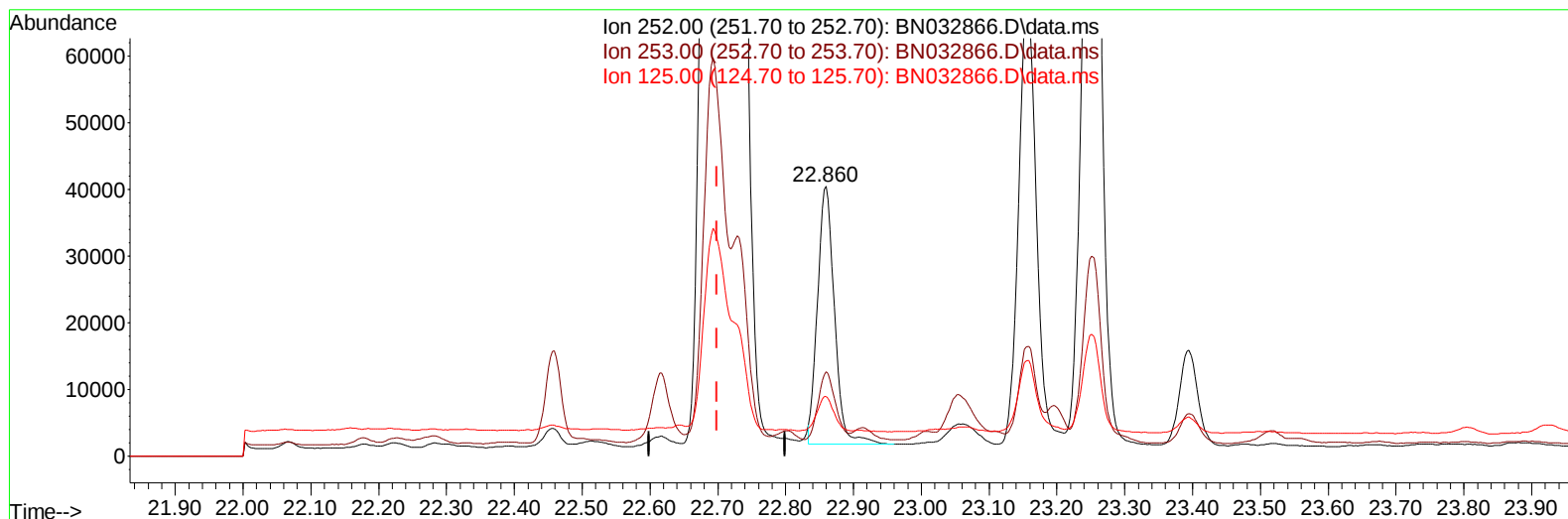
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(24) Benzo(b)fluoranthene

22.860min (+ 0.161) 1.20 ng/u1

response 67217

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.31
125.00	18.00	22.10
0.00	0.00	0.00

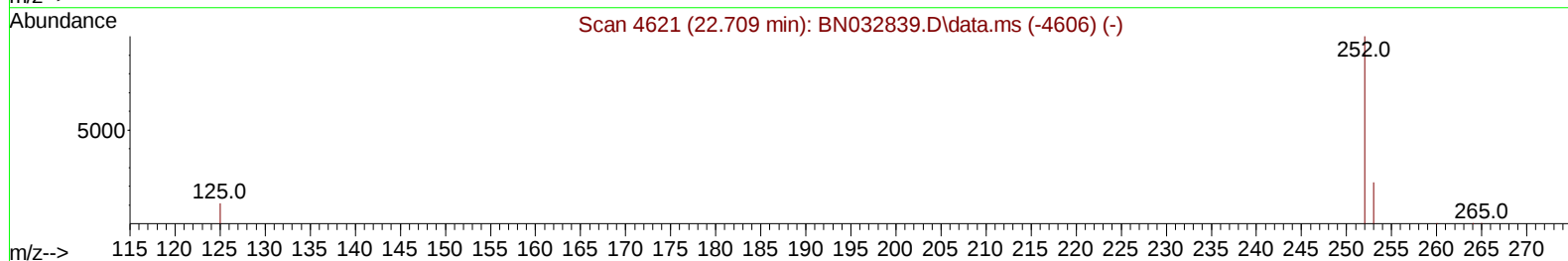
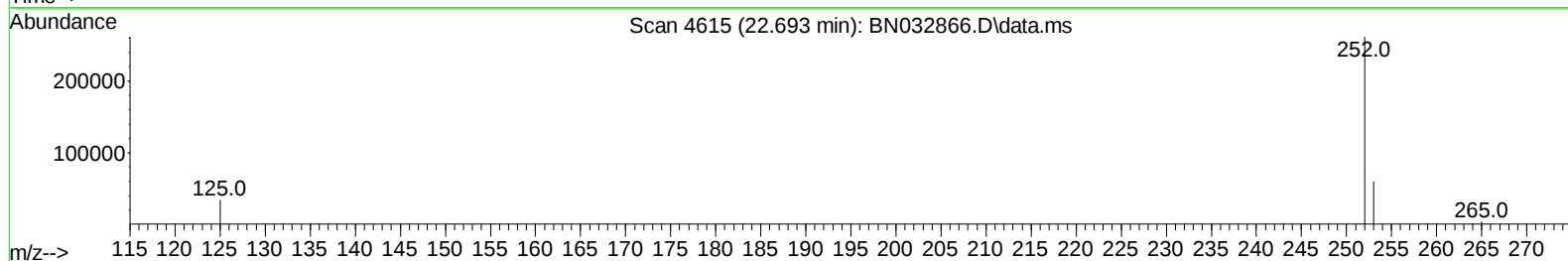
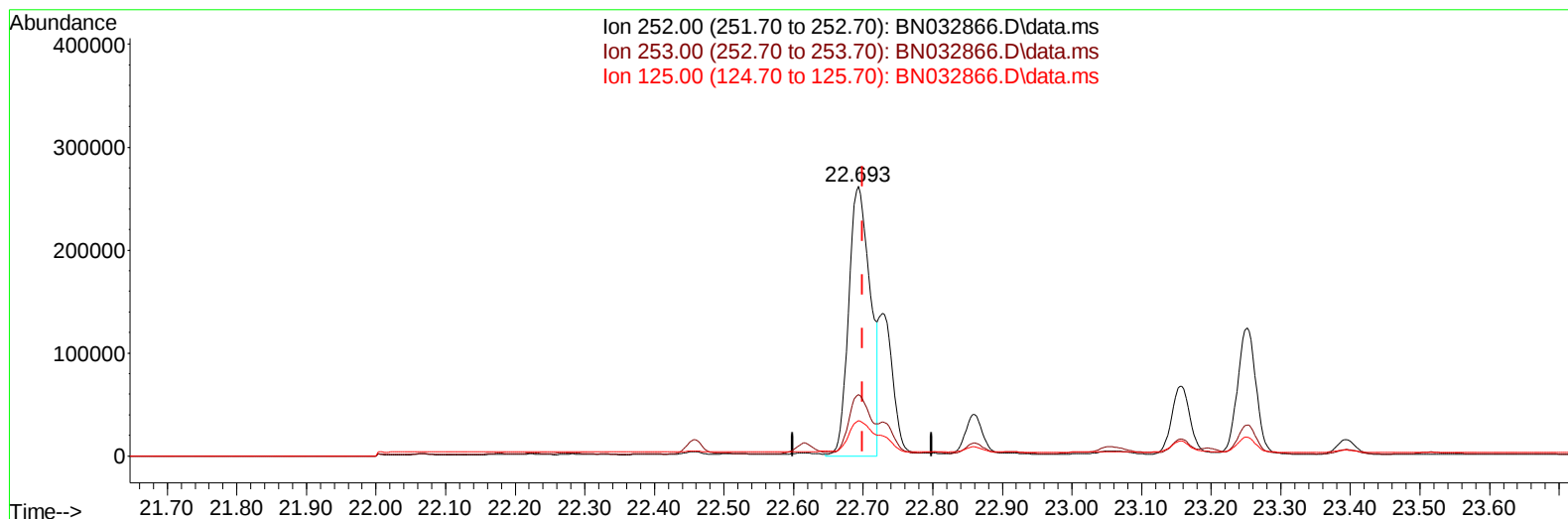
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(24) Benzo(b)fluoranthene

22.693min (-0.006) 10.07 ng/u1 m

response 563765

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.82
125.00	18.00	13.04
0.00	0.00	0.00

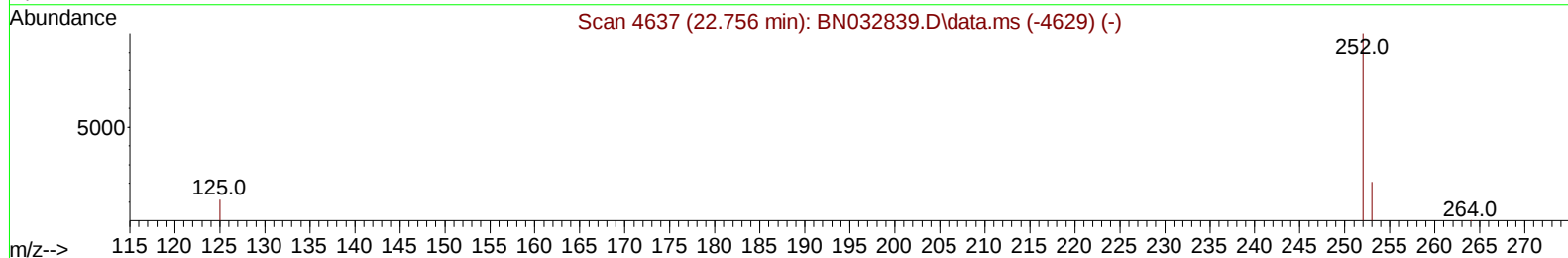
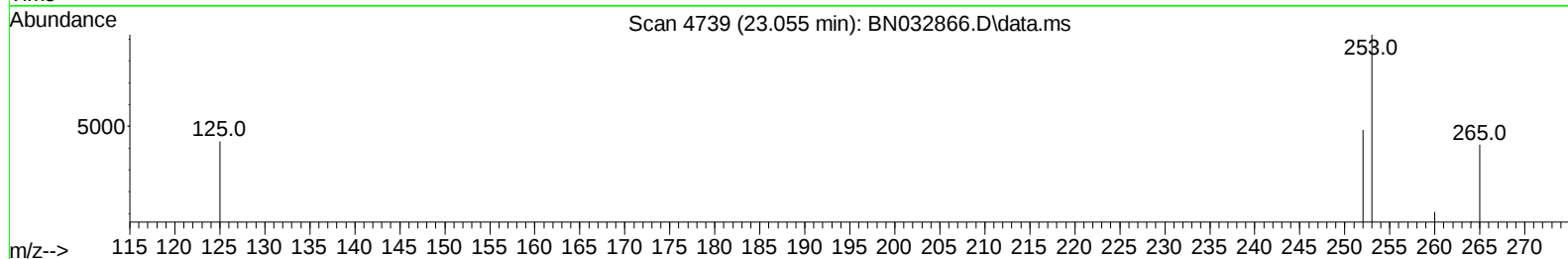
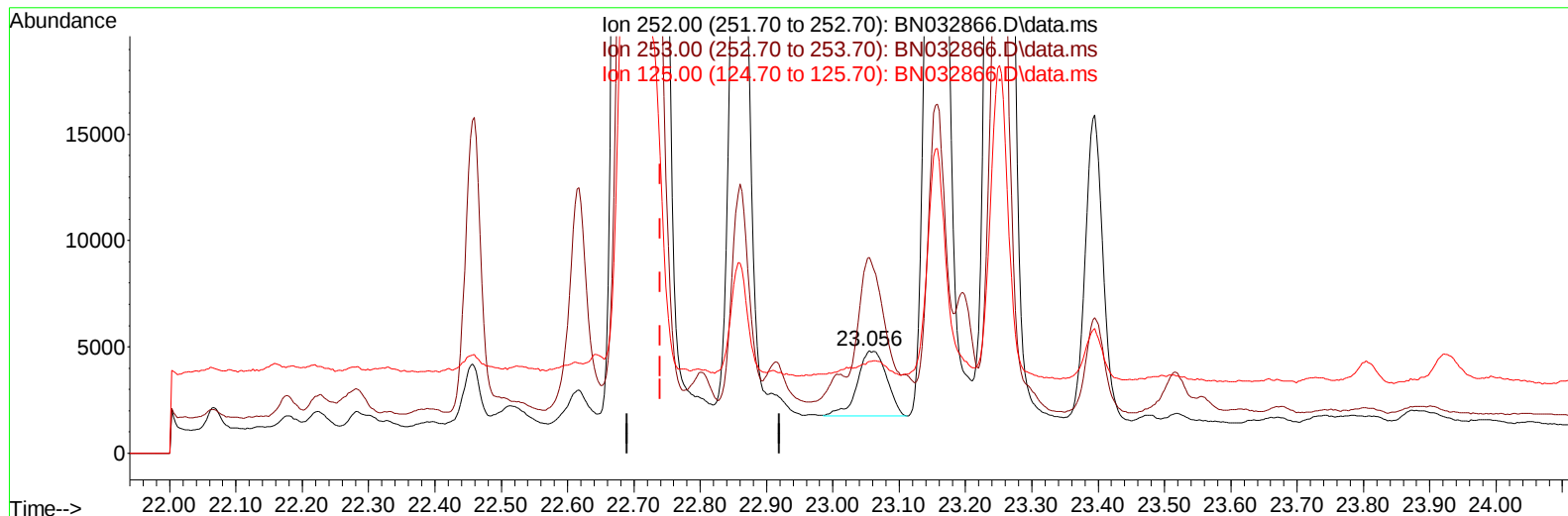
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(25) Benzo(k)fluoranthene

23.055min (+ 0.316) 0.14 ng/u1

response 9464

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	190.76#
125.00	18.50	89.33#
0.00	0.00	0.00

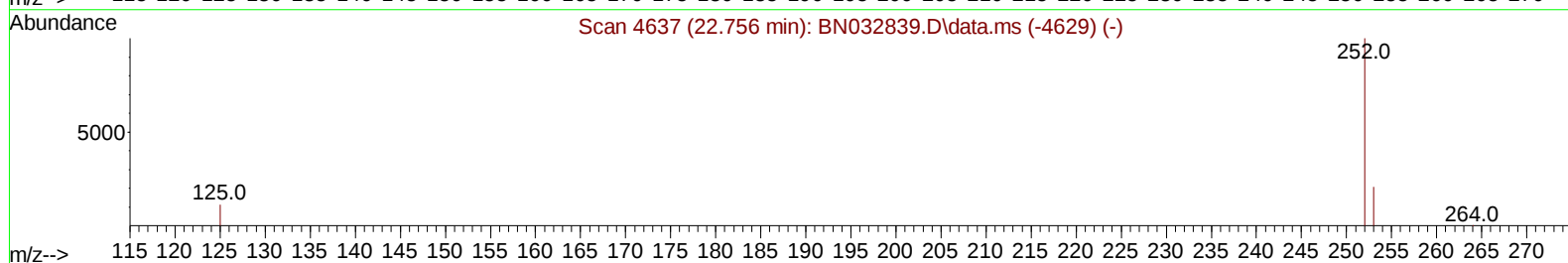
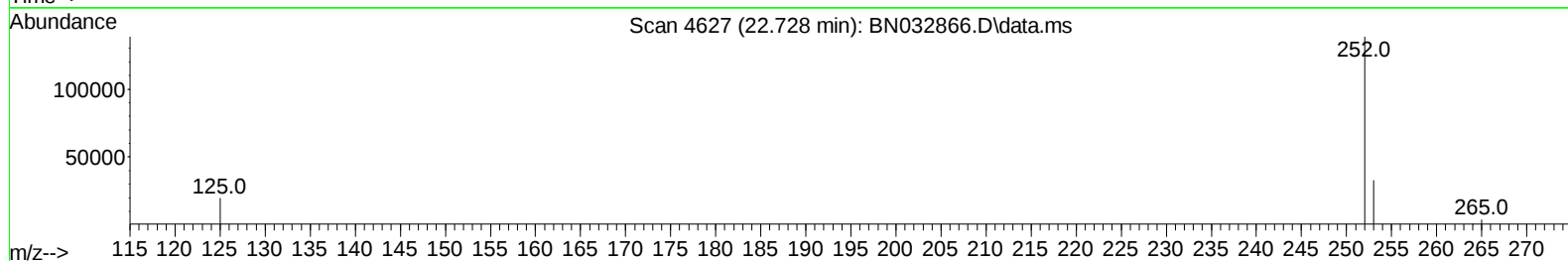
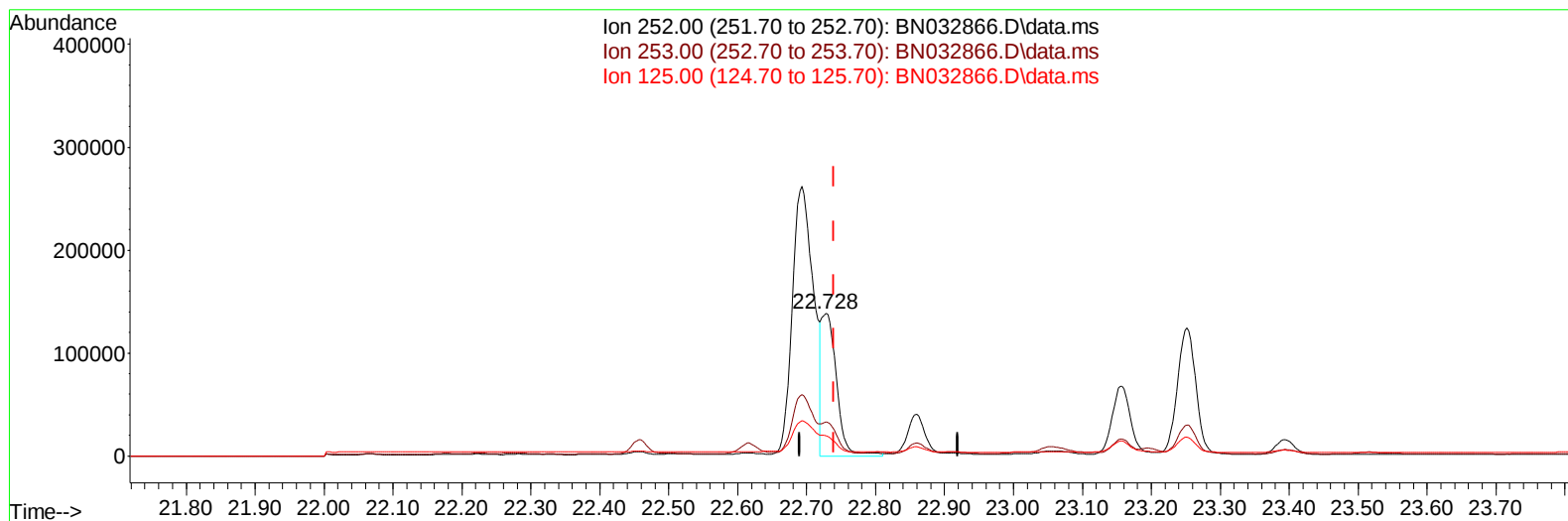
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(25) Benzo(k)fluoranthene

22.728min (-0.012) 3.04 ng/u1 m

response 207608

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.81
125.00	18.50	14.20#
0.00	0.00	0.00

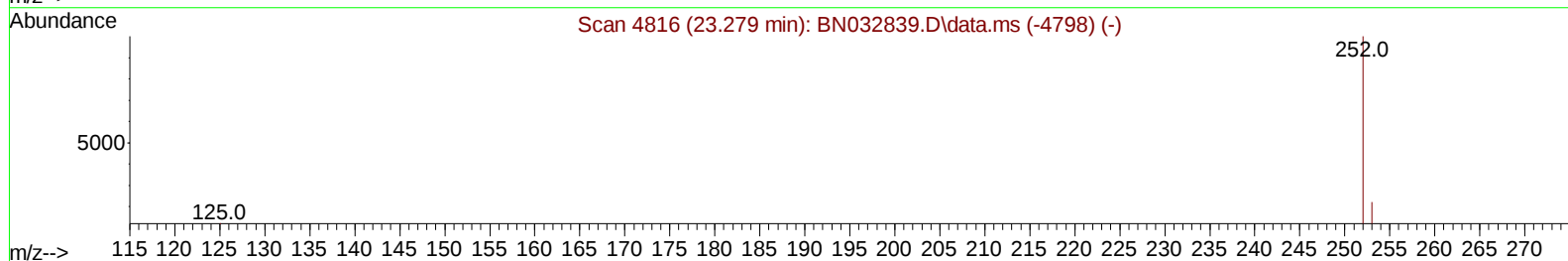
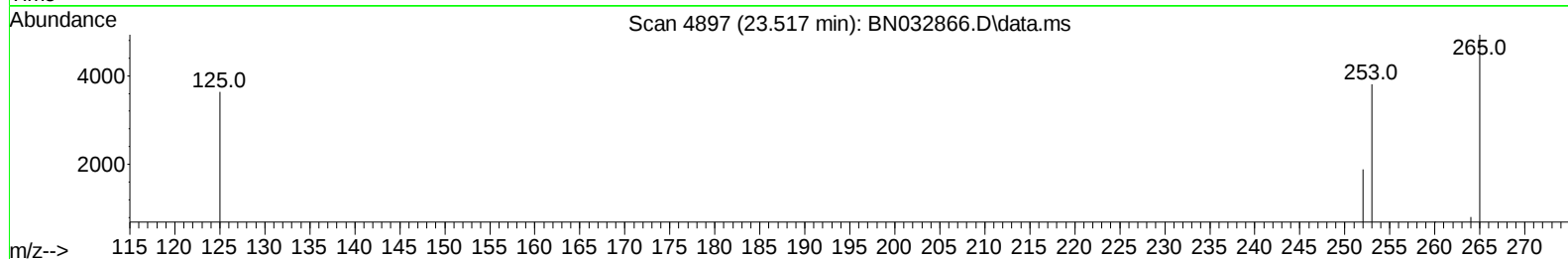
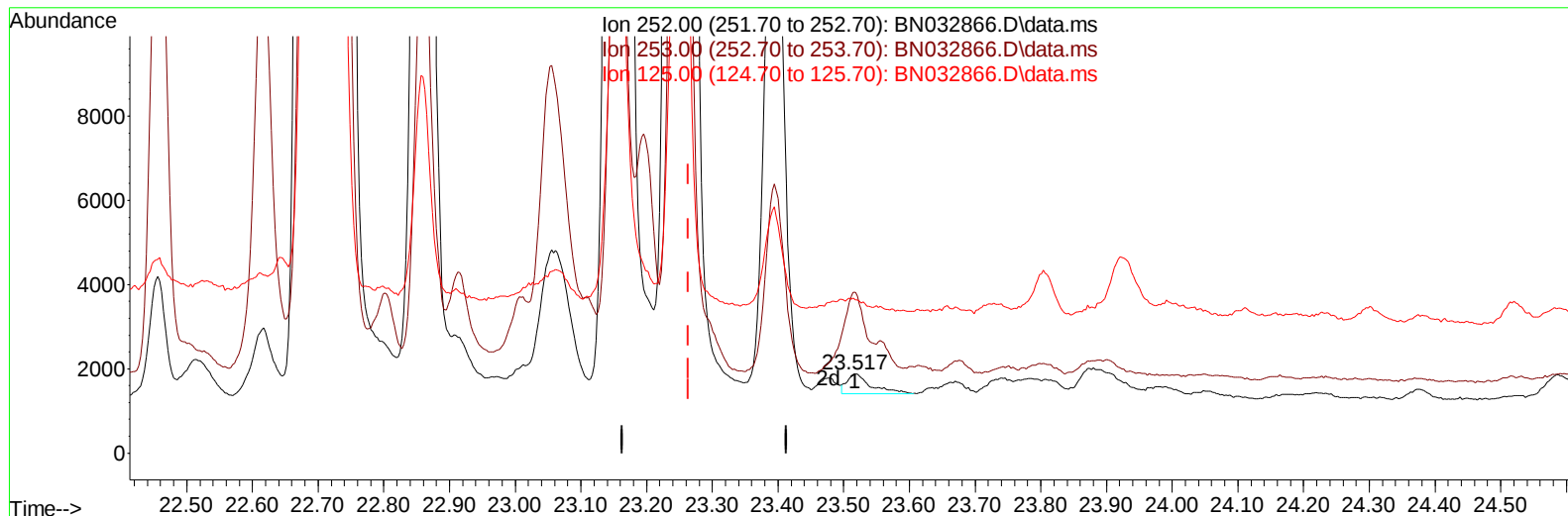
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(26) Benzo(a)pyrene (C)

23.517min (+ 0.254) 0.02 ng/u1

response 1142

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	202.82#
125.00	25.70	193.19#
0.00	0.00	0.00

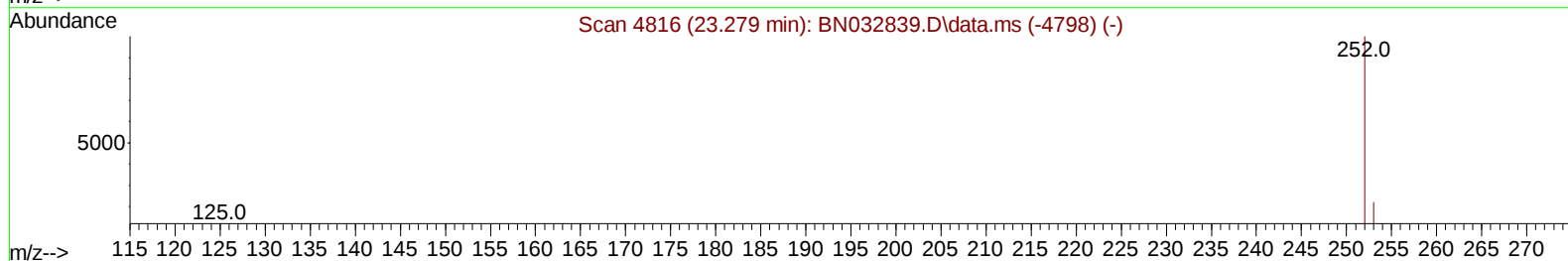
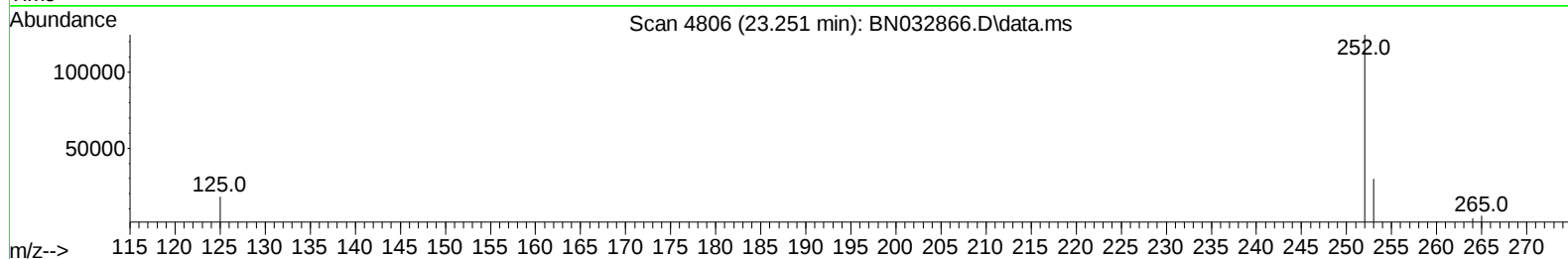
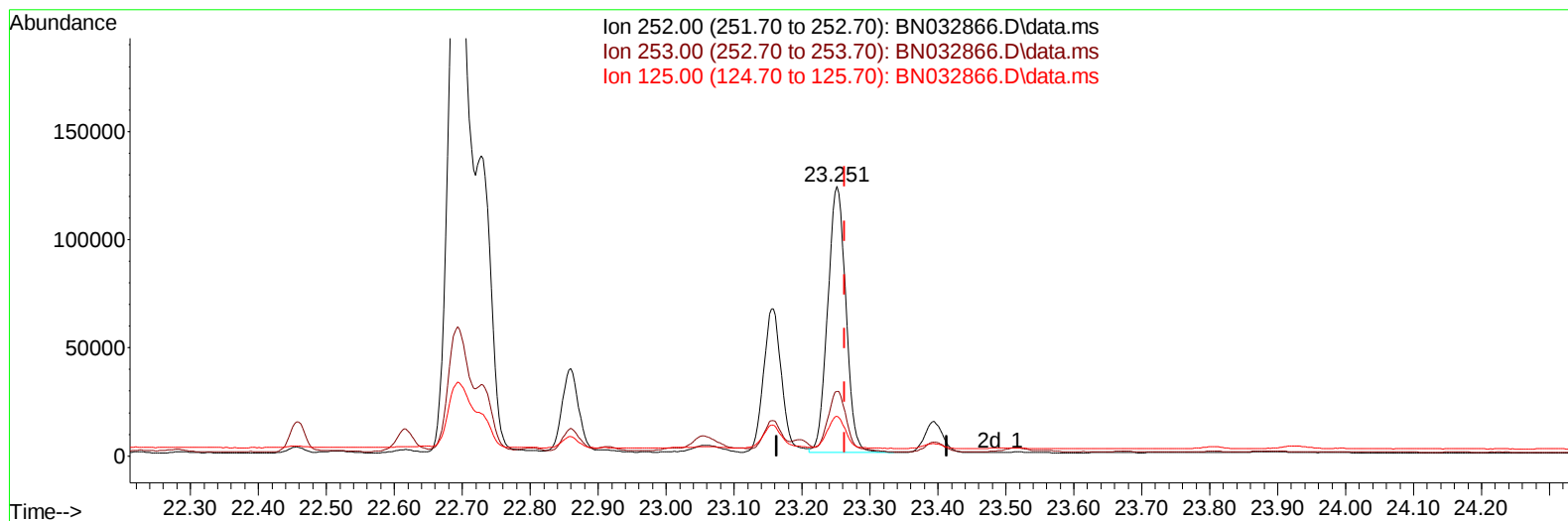
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(26) Benzo(a)pyrene (C)

23.251min (-0.012) 4.73 ng/u1 m

response 229137

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.07#
125.00	25.70	14.66#
0.00	0.00	0.00

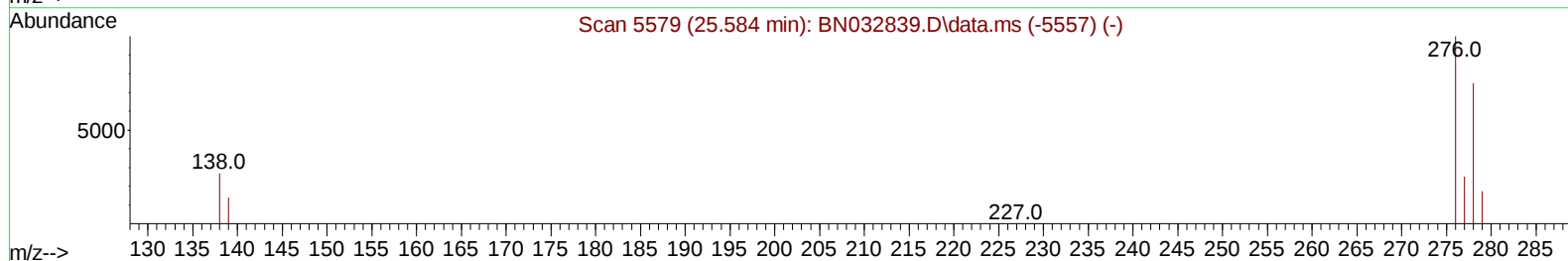
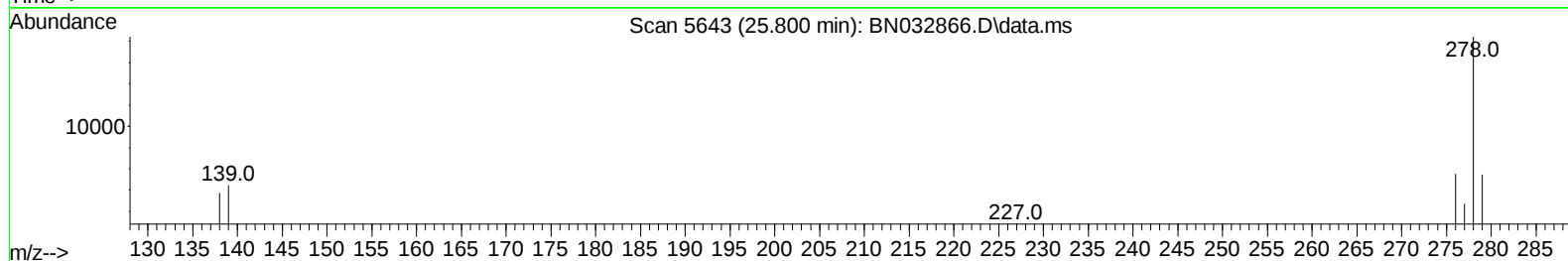
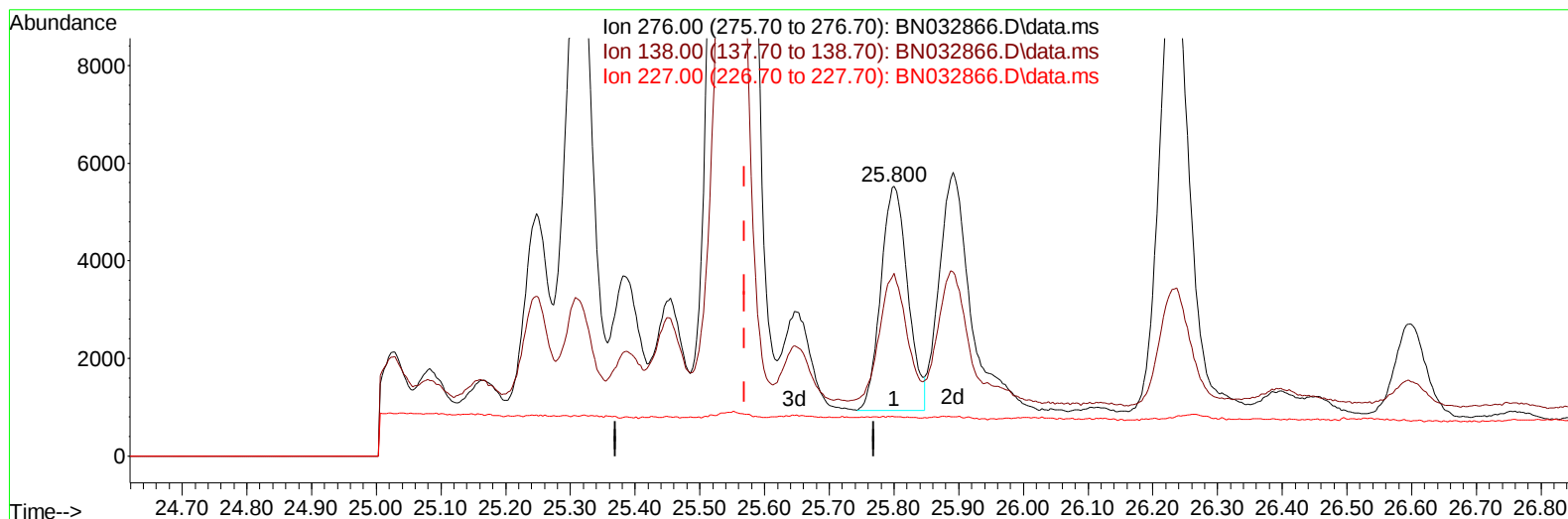
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

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

25.800min (+ 0.231) 0.20 ng/u1

response 13310

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.27#
227.00	0.00	0.13#
0.00	0.00	0.00

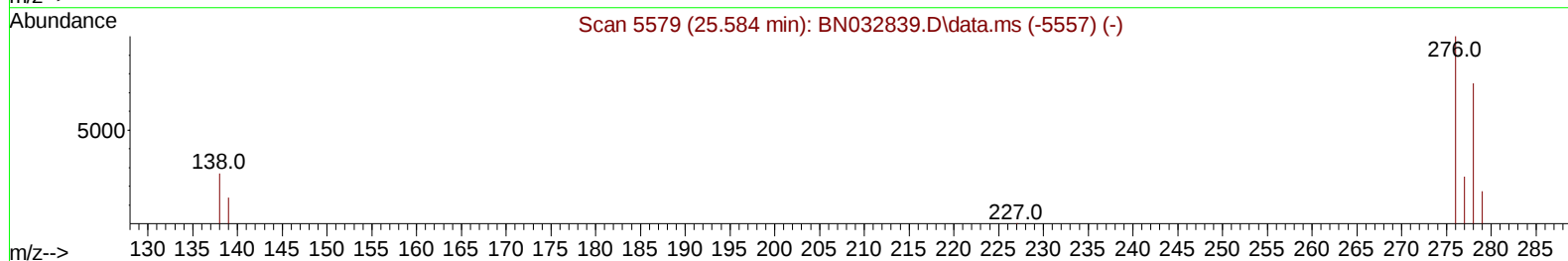
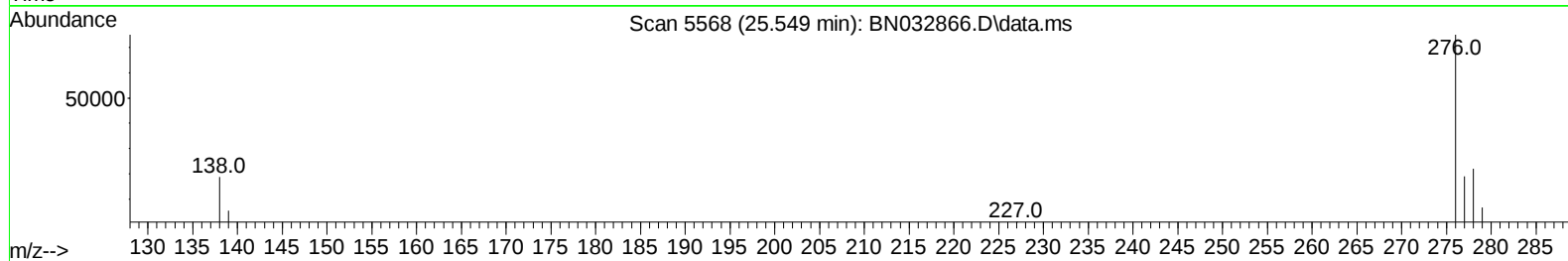
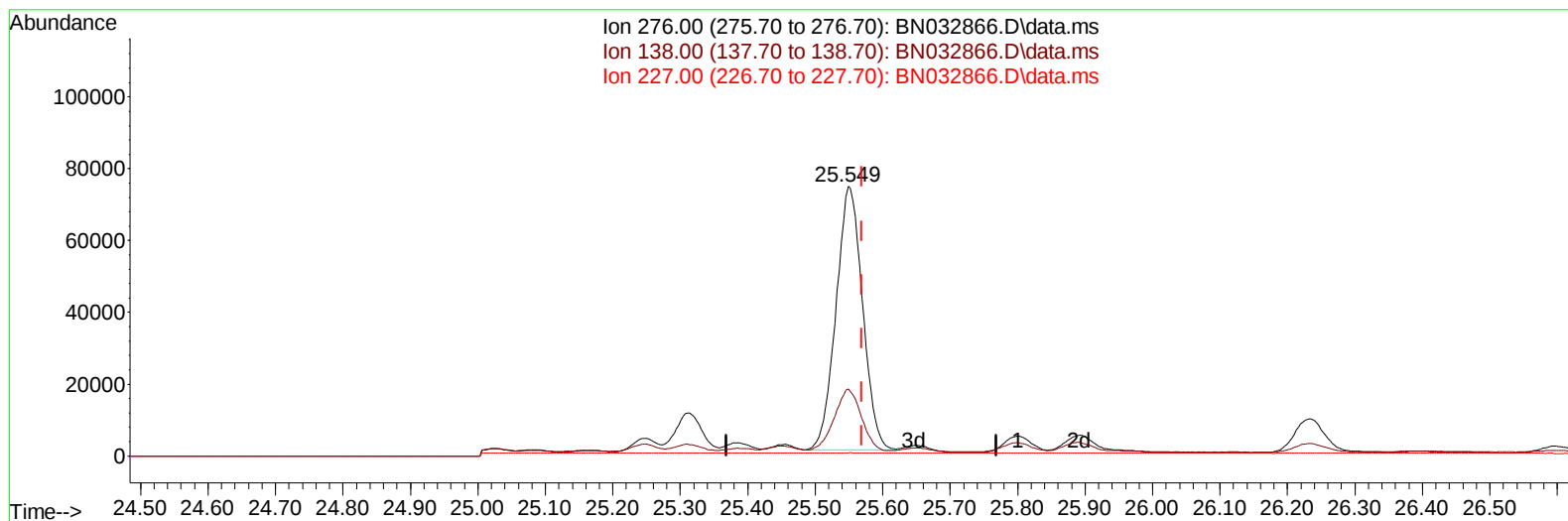
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

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

25.549min (-0.020) 3.06 ng/u1 m

response 200918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.79#
227.00	0.00	0.01#
0.00	0.00	0.00

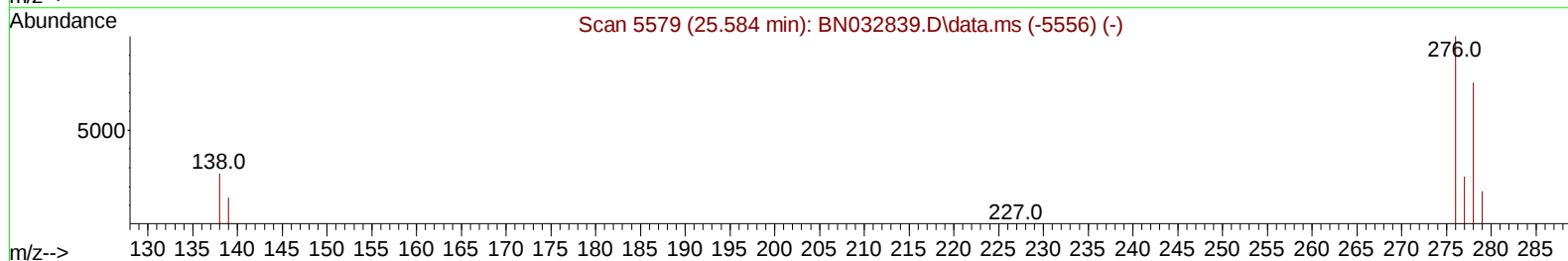
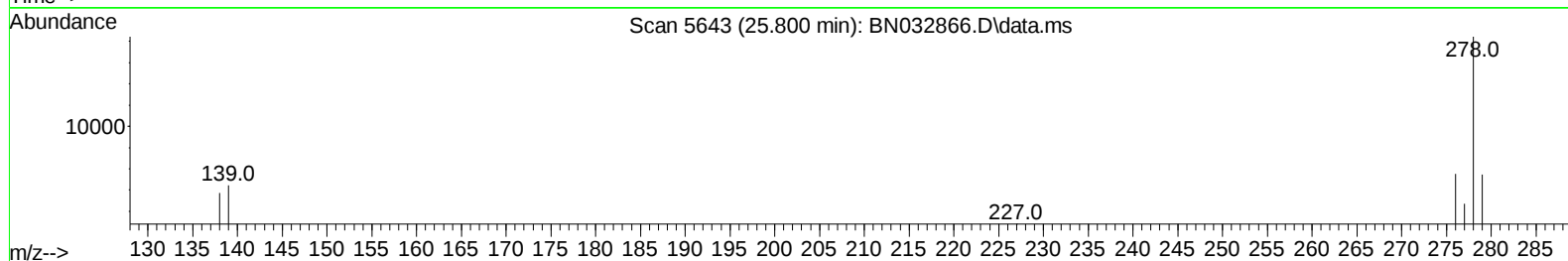
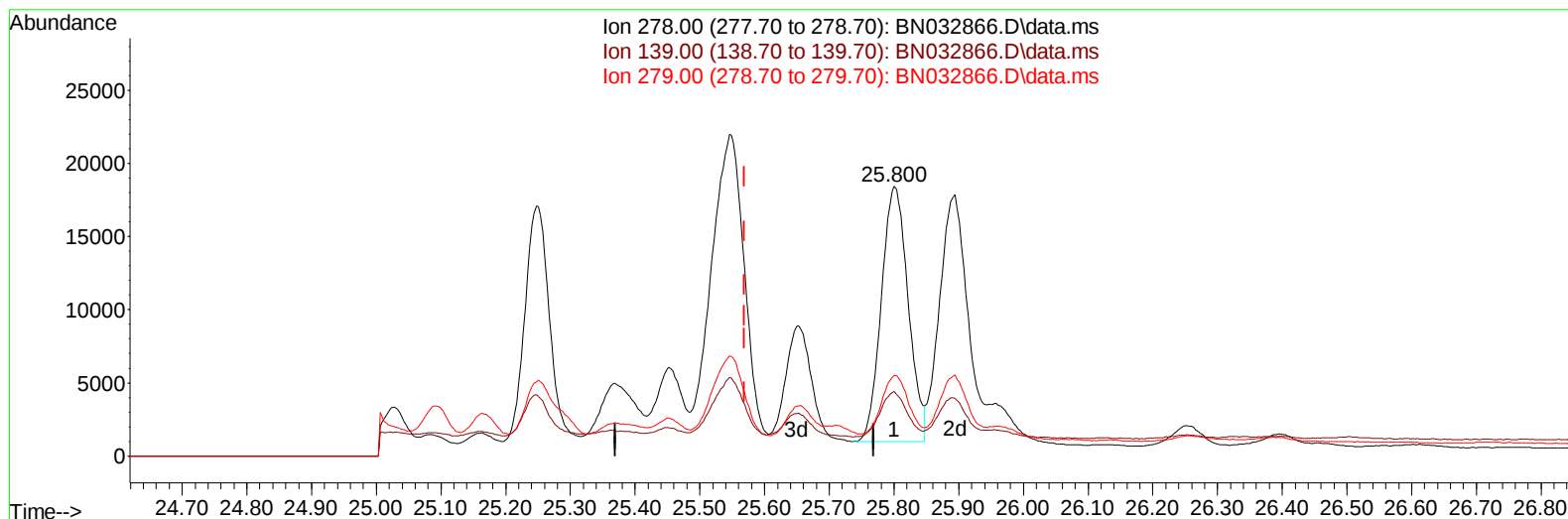
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
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TIC: BN032866.D\data.ms

(28) Dibenzo(a,h)anthracene

25.800min (+ 0.231) 0.99 ng/u1

response 50323

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.98
279.00	29.60	29.77
0.00	0.00	0.00

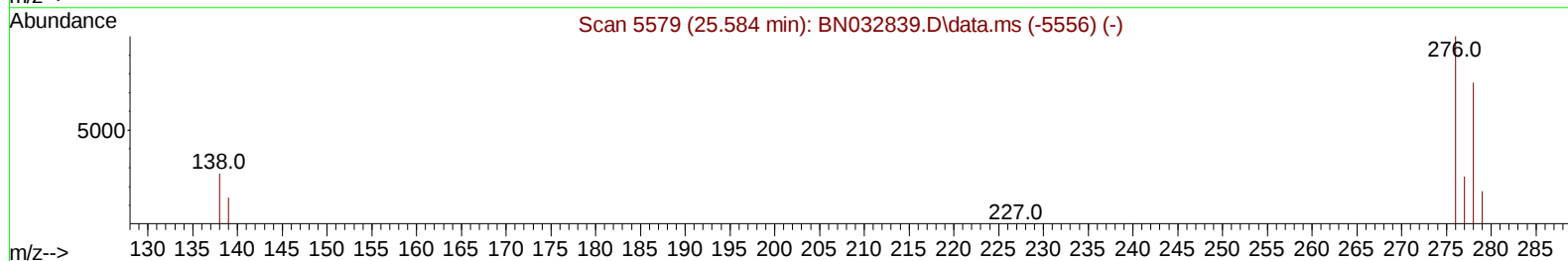
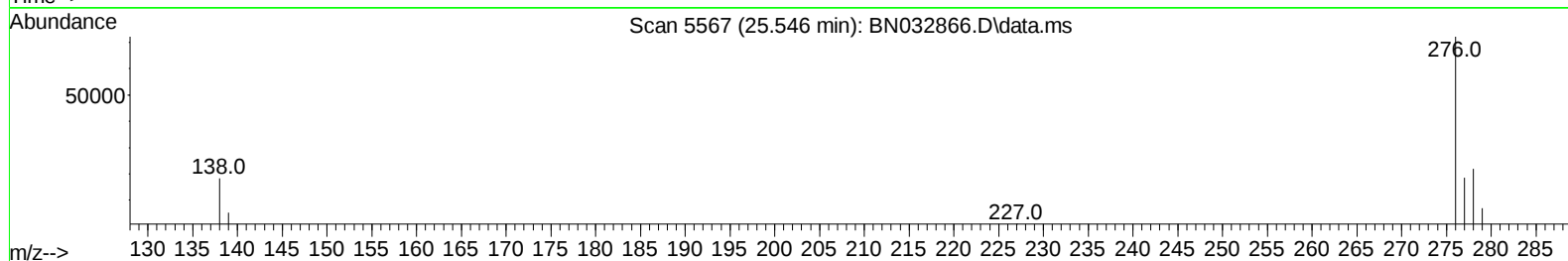
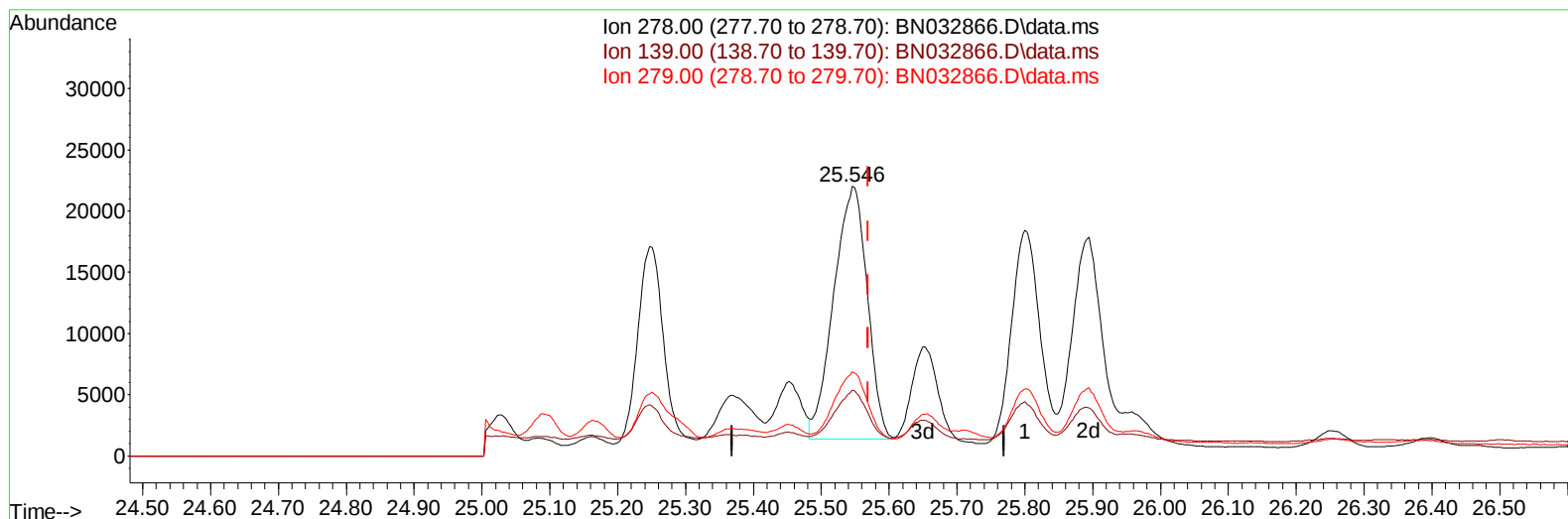
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

(28) Dibenzo(a,h)anthracene

25.546min (-0.024) 1.39 ng/u1 m

response 70843

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	24.35
279.00	29.60	31.18
0.00	0.00	0.00

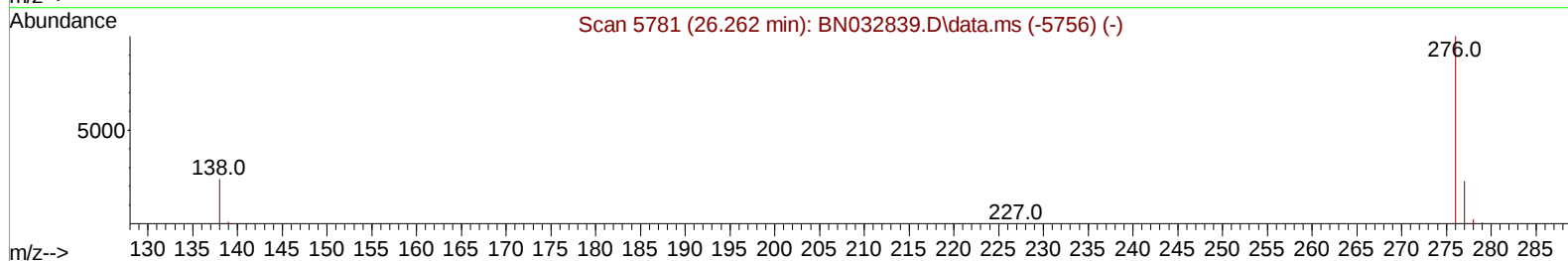
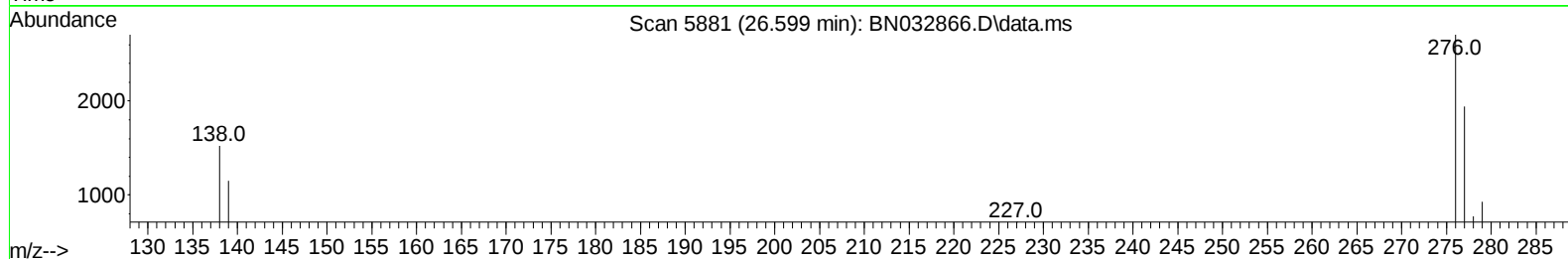
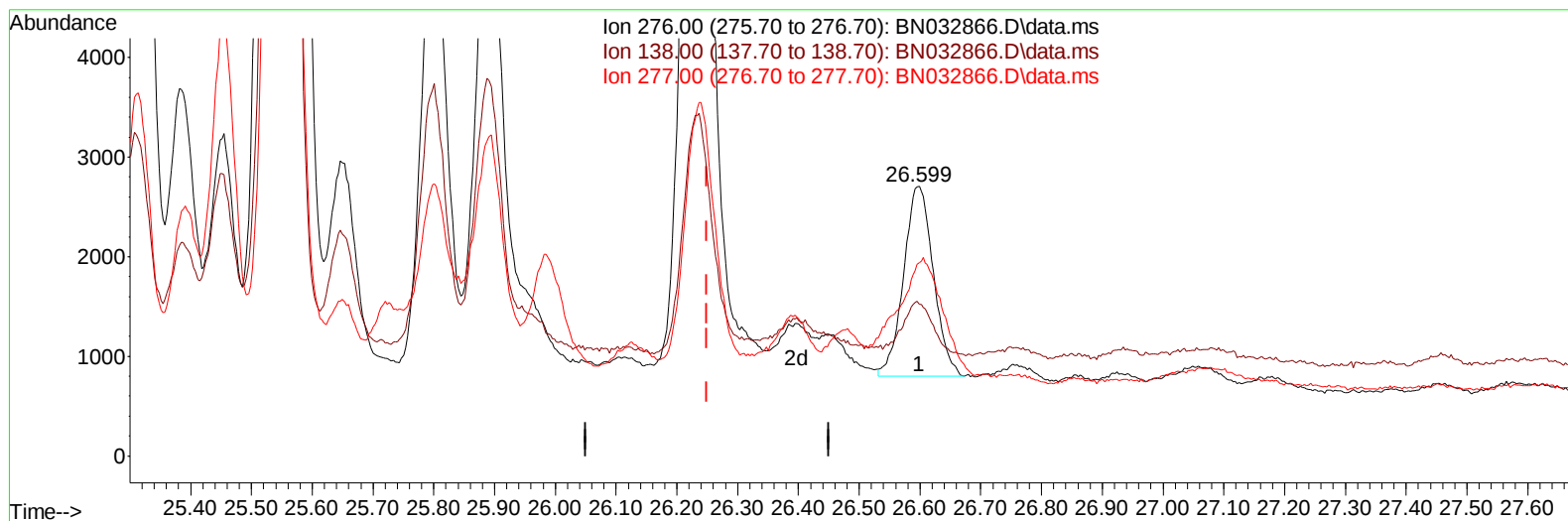
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

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

26.599min (+ 0.349) 0.12 ng/u1

response 6465

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	56.34#
277.00	25.80	71.68#
0.00	0.00	0.00

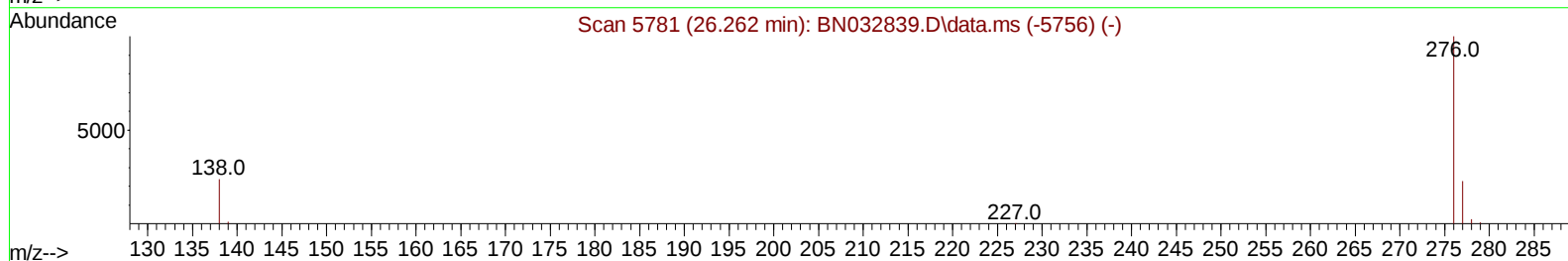
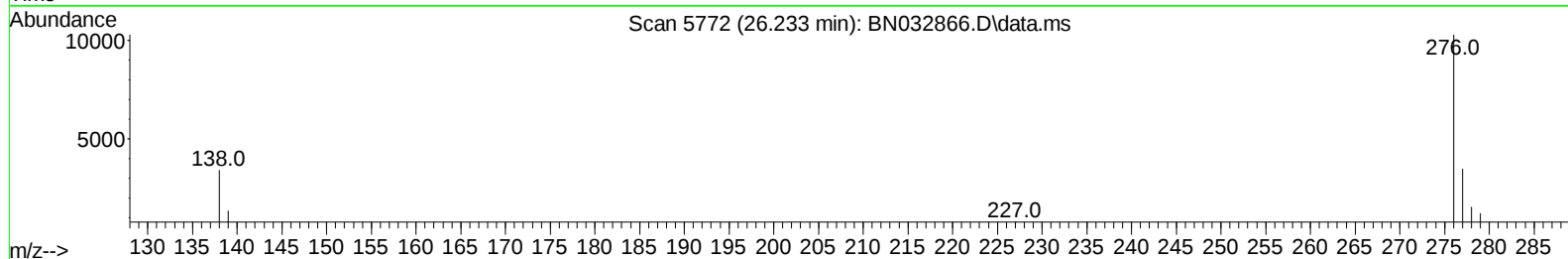
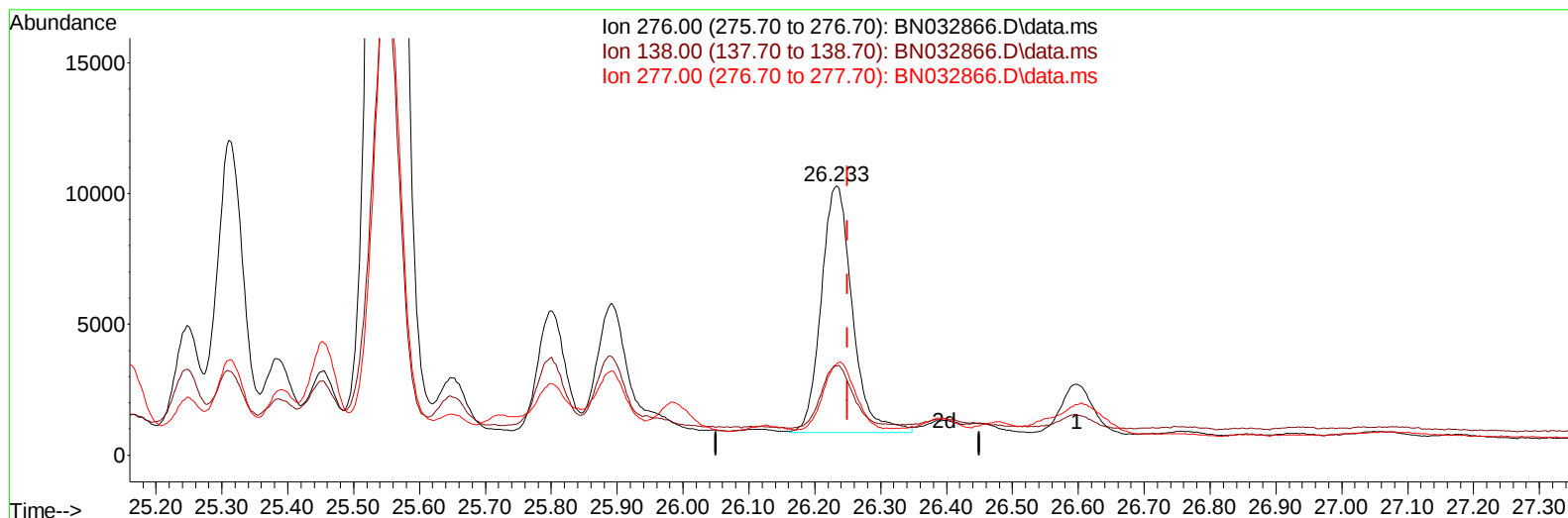
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032866.D\data.ms

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

26.233min (-0.017) 0.56 ng/u1 m

response 30762

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	33.19#
277.00	25.80	33.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032866.D
 Acq On : 20 Jul 2024 06:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:42:51 2024
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 QLast Update : Sat Jul 20 01:52:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5680	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18521	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	10298	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	18068m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	12886m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15868m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	18013	2.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5188	0.185	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8223m	0.196	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	26755	0.538	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	8622	0.278	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	6675	0.208	ng/ul	99
10) Acenaphthylene	13.897	152	16938	0.407	ng/ul	98
11) Acenaphthene	14.239	153	42487	1.235	ng/ul	99
12) Fluorene	15.239	166	42432	1.079	ng/ul	98
15) Phenanthrene	16.978	178	679105m	13.801	ng/ul	
16) Anthracene	17.071	178	113471m	2.823	ng/ul	
19) Fluoranthene	19.013	202	961813m	18.358	ng/ul	
20) Pyrene	19.380	202	674687m	12.441	ng/ul	
21) Benzo(a)anthracene	21.138	228	401990m	9.800	ng/ul	
22) Chrysene	21.191	228	439651m	7.409	ng/ul	
24) Benzo(b)fluoranthene	22.693	252	563765m	10.069	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	207608m	3.043	ng/ul	
26) Benzo(a)pyrene	23.251	252	229137m	4.729	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	200918m	3.062	ng/ul	
28) Dibenzo(a,h)anthracene	25.546	278	70843m	1.393	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	30762m	0.561	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BE9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:42:51 2024
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