

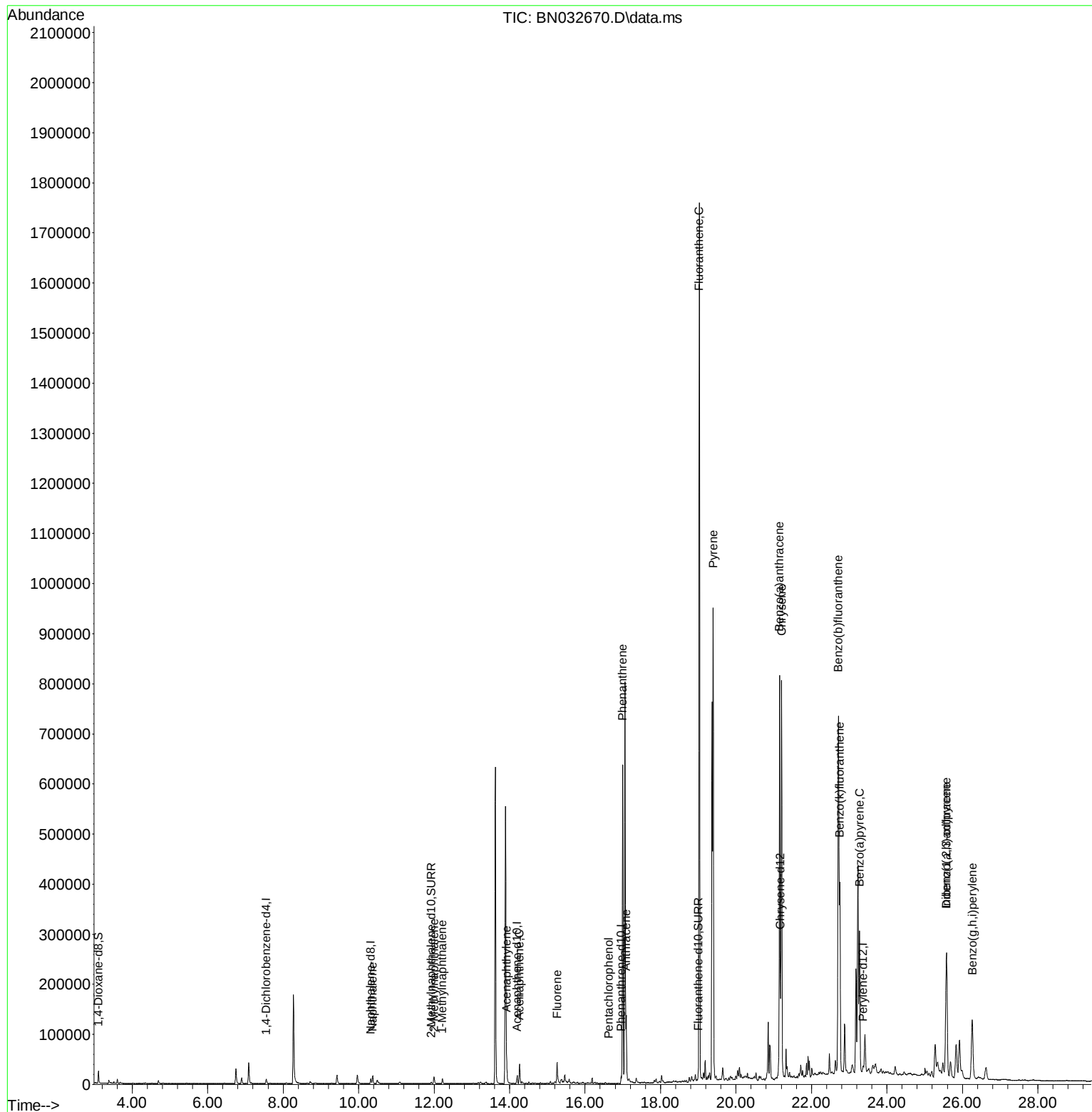
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



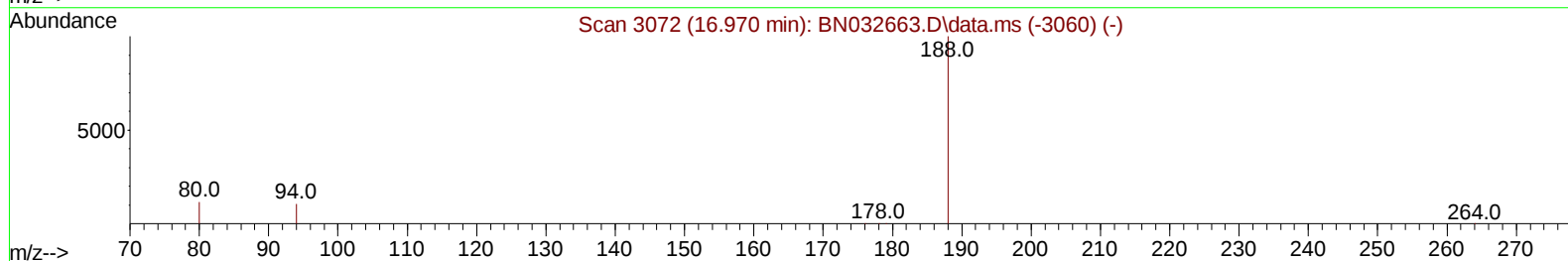
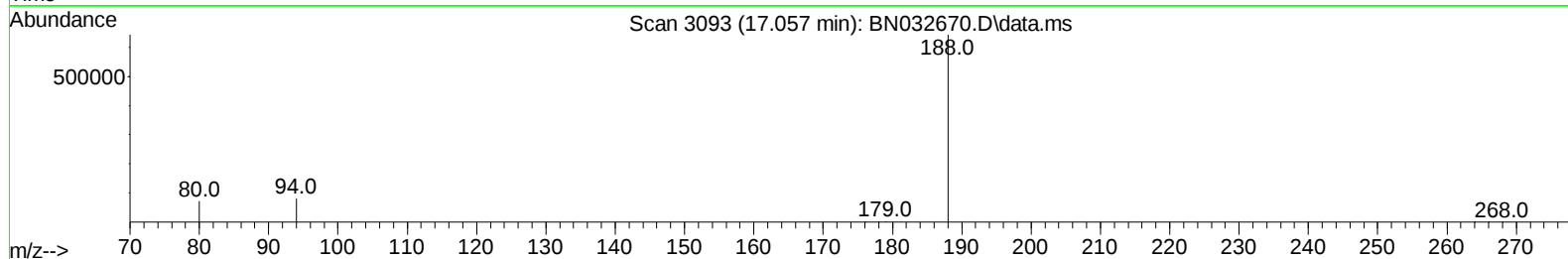
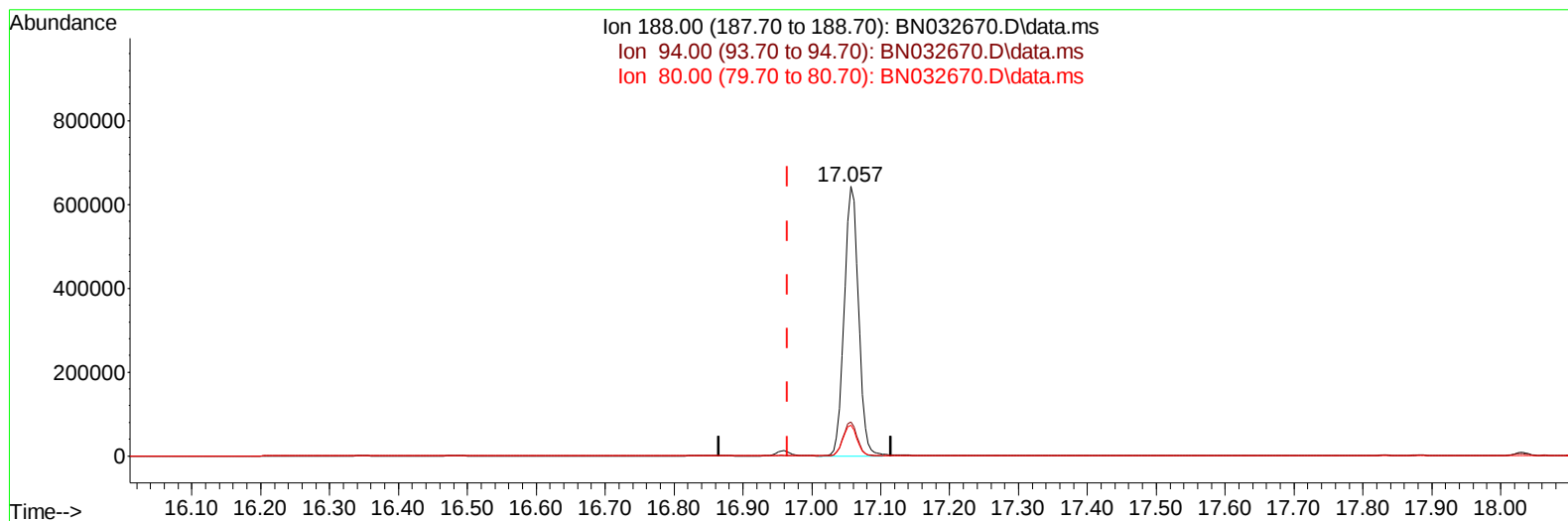
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 18 09:28:59 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 :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(13) Phenanthrene-d10 (I)

17.057min (+ 0.091) 0.40 ng/u1

response 926648

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.67
80.00	12.00	11.37
0.00	0.00	0.00

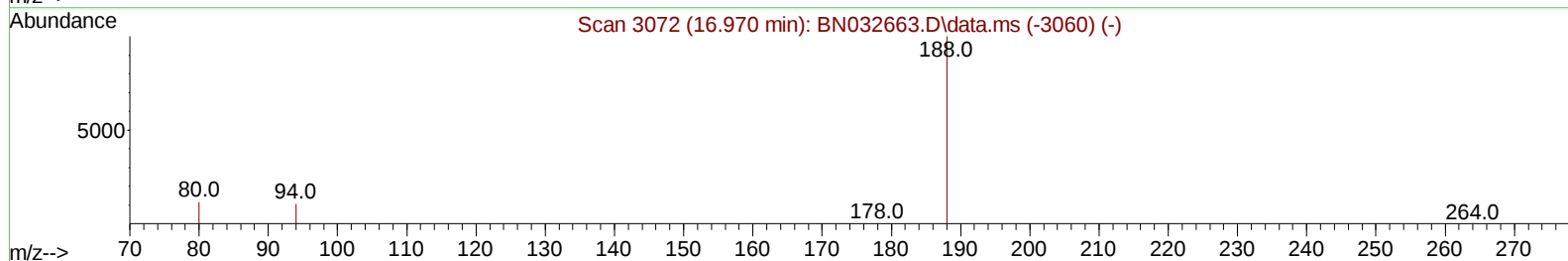
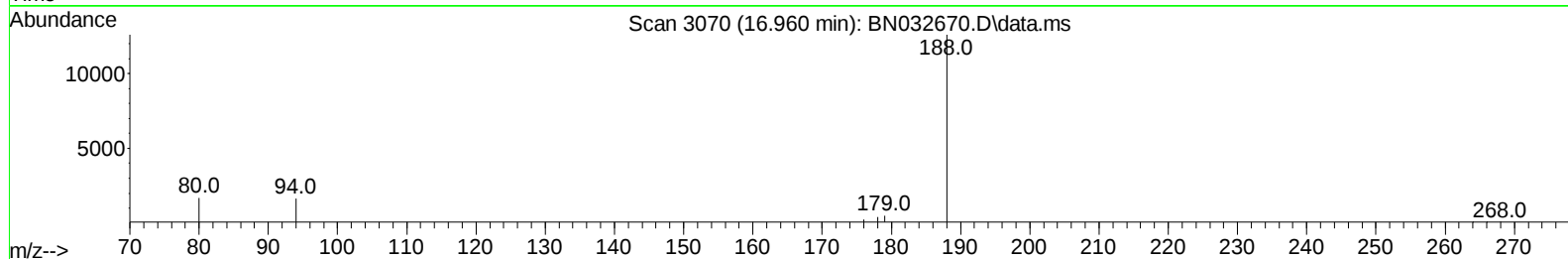
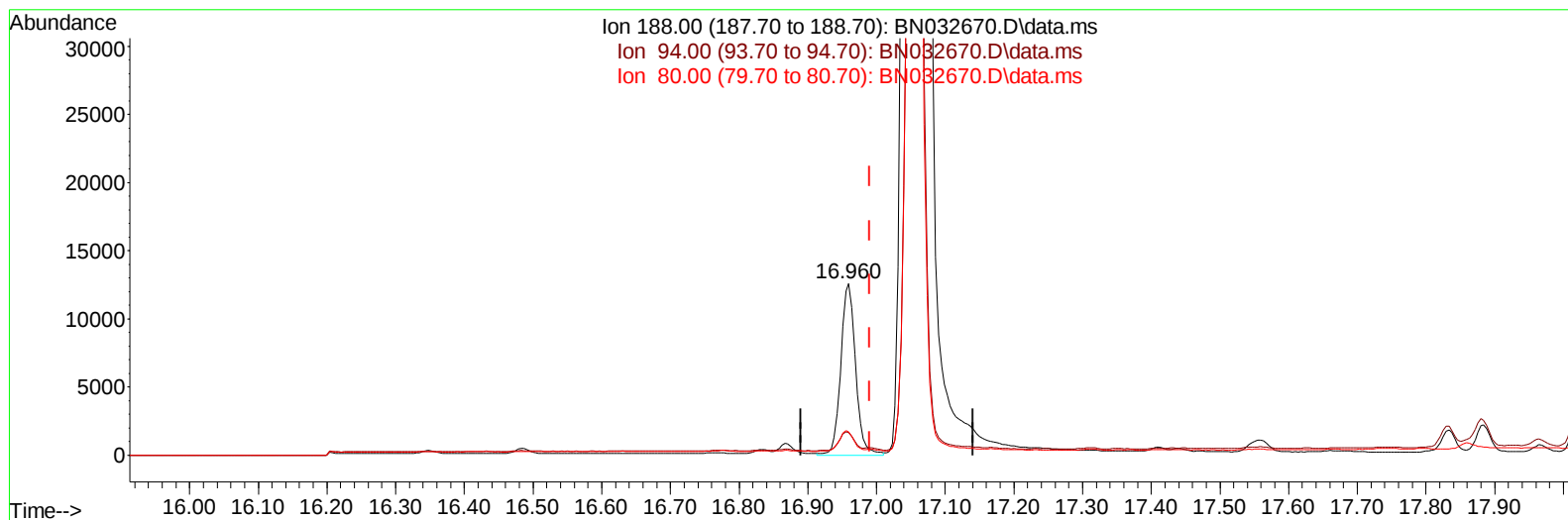
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(13) Phenanthrene-d10 (I)

16.960min (-0.031) 0.40 ng/u1 m

response 18732

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.15
80.00	12.00	13.51
0.00	0.00	0.00

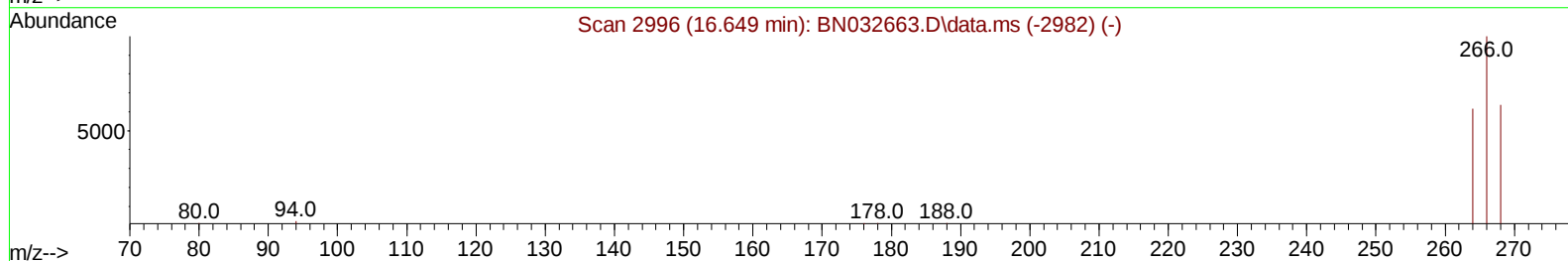
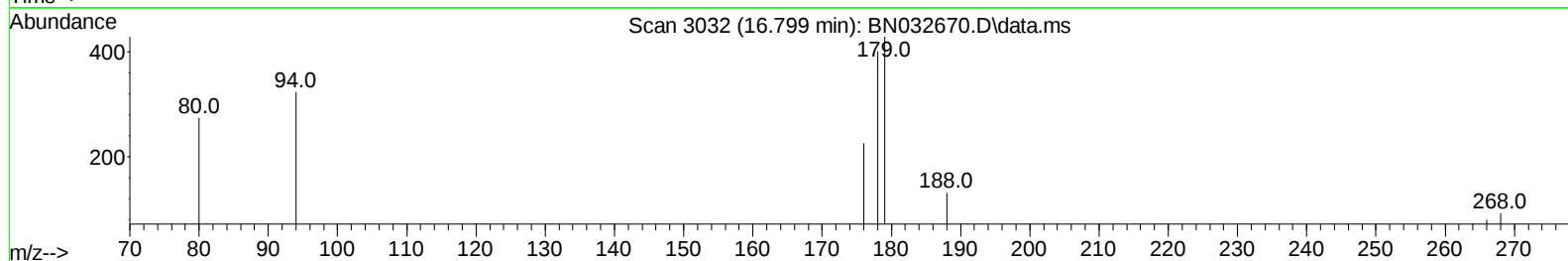
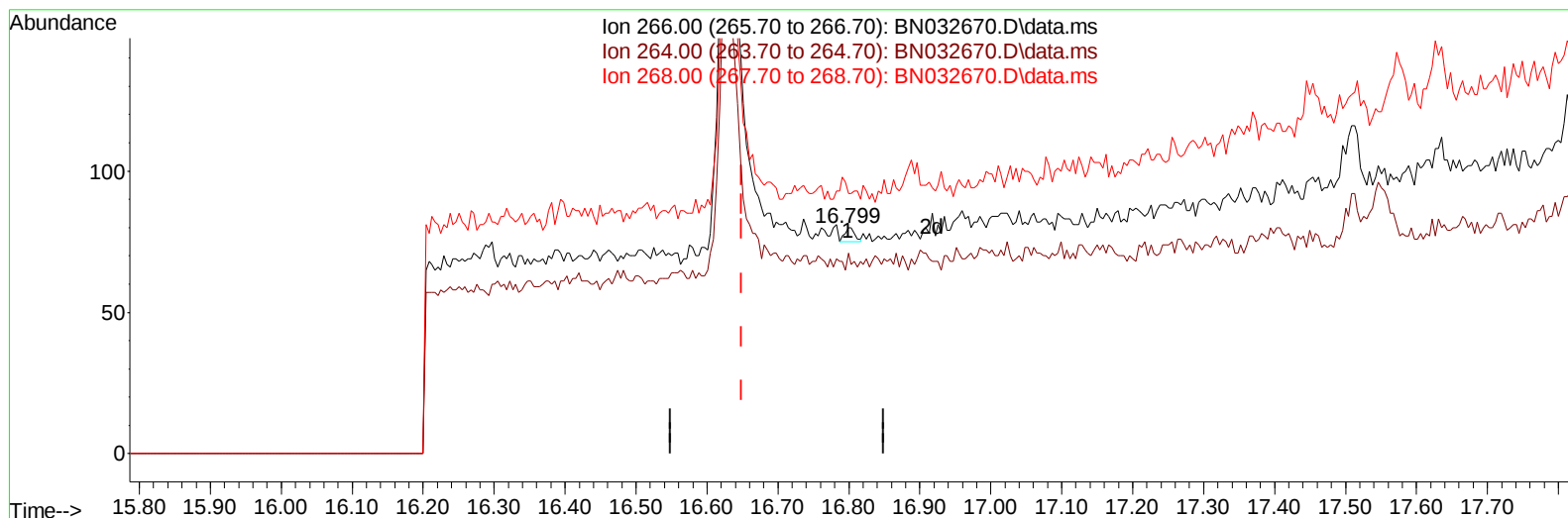
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 18 09:28:59 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 :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(14) Pentachlorophenol

16.799min (+ 0.150) 0.00 ng/u1

response

5

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	60.00
268.00	64.50	0.00#
0.00	0.00	0.00

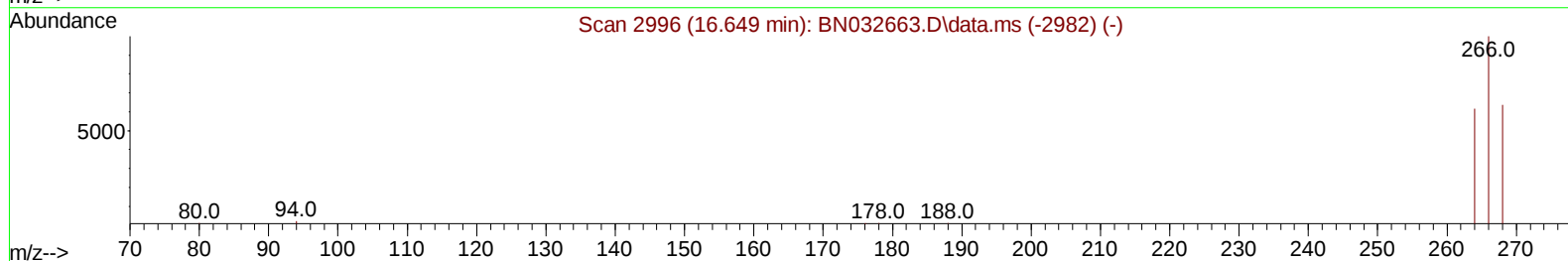
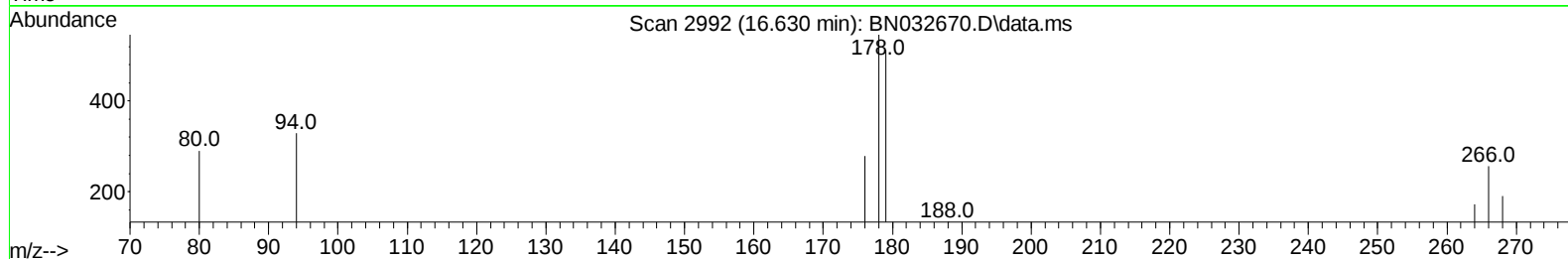
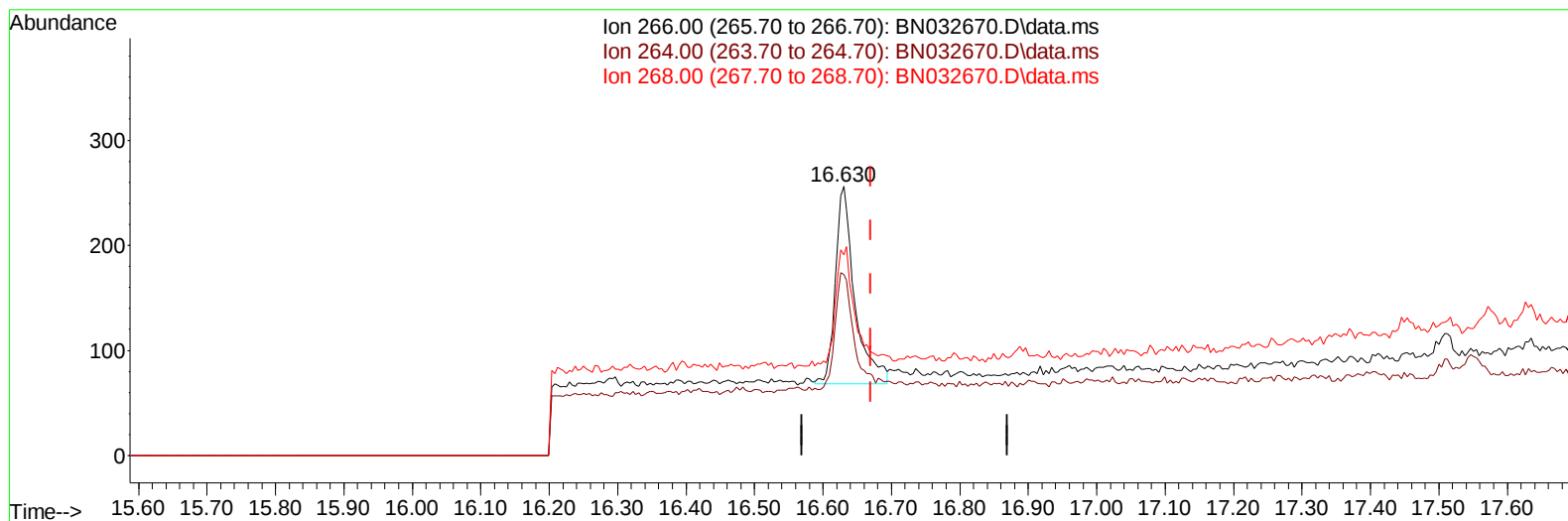
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(14) Pentachlorophenol

16.630min (-0.039) 0.11 ng/ul m

response 373

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.80#
268.00	64.50	2.14#
0.00	0.00	0.00

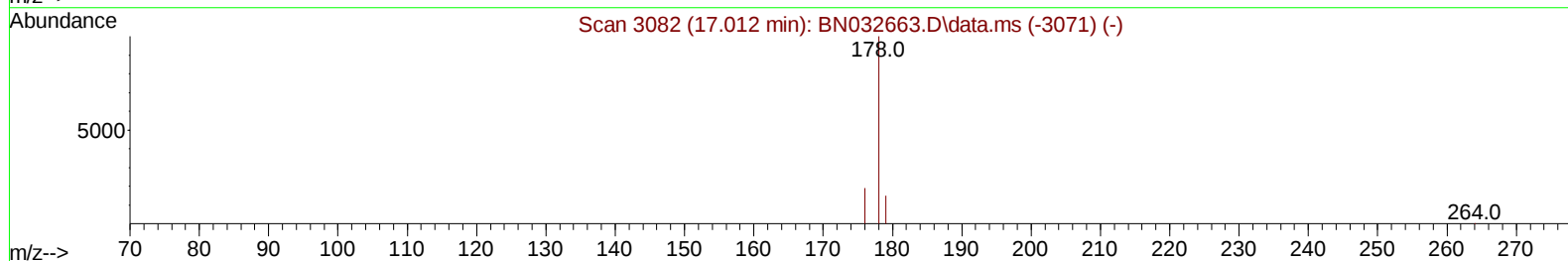
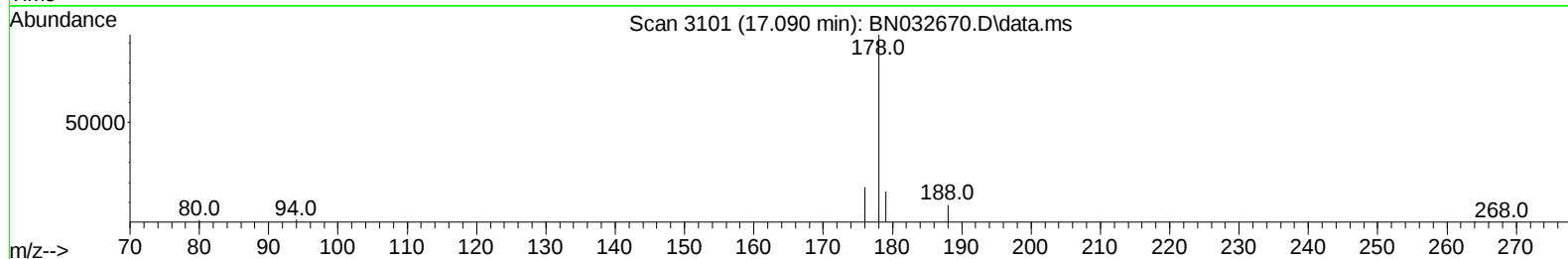
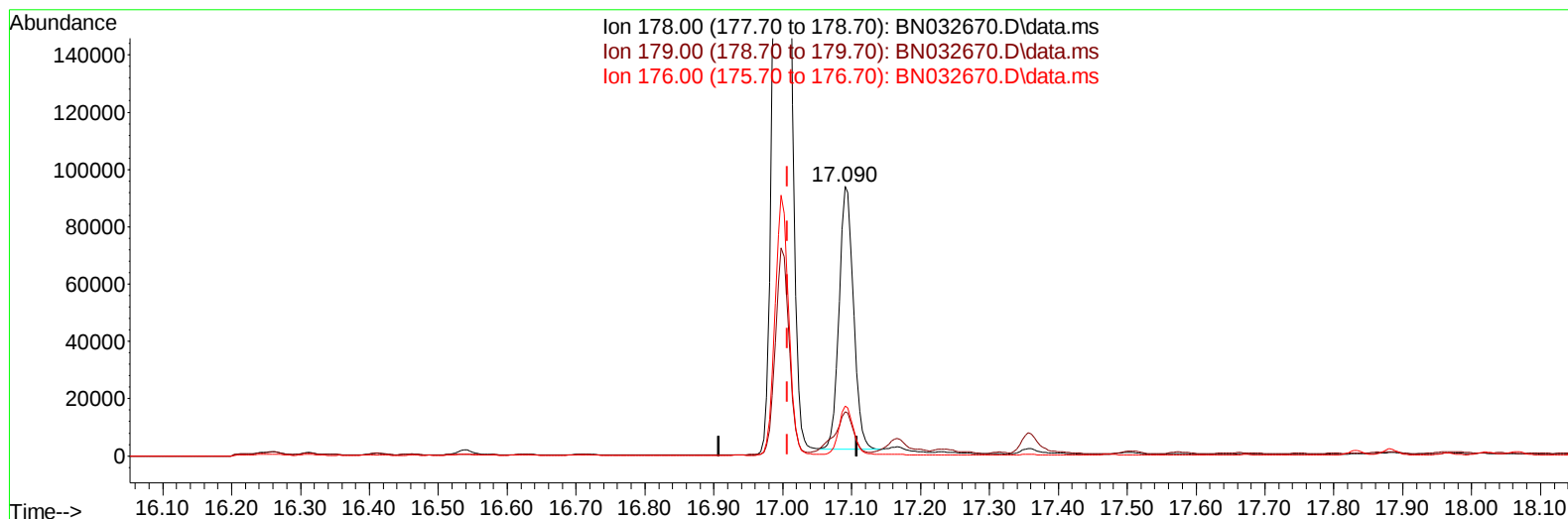
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 18 09:28:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032670.D\data.ms

(15) Phenanthrene

17.090min (+ 0.083) 0.05 ng/u1

response 133099

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.50
176.00	19.50	18.64
0.00	0.00	0.00

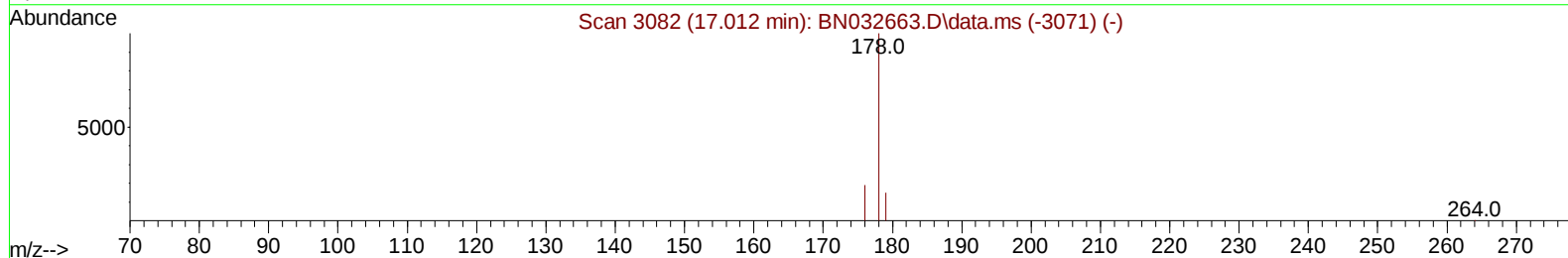
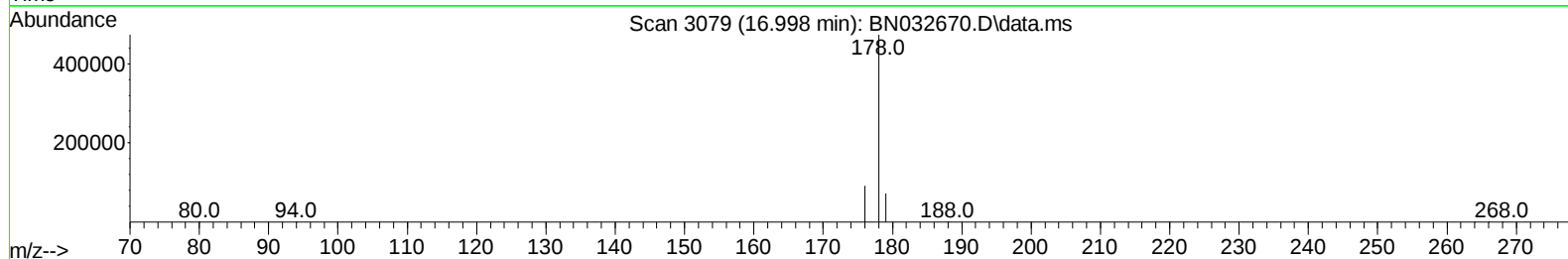
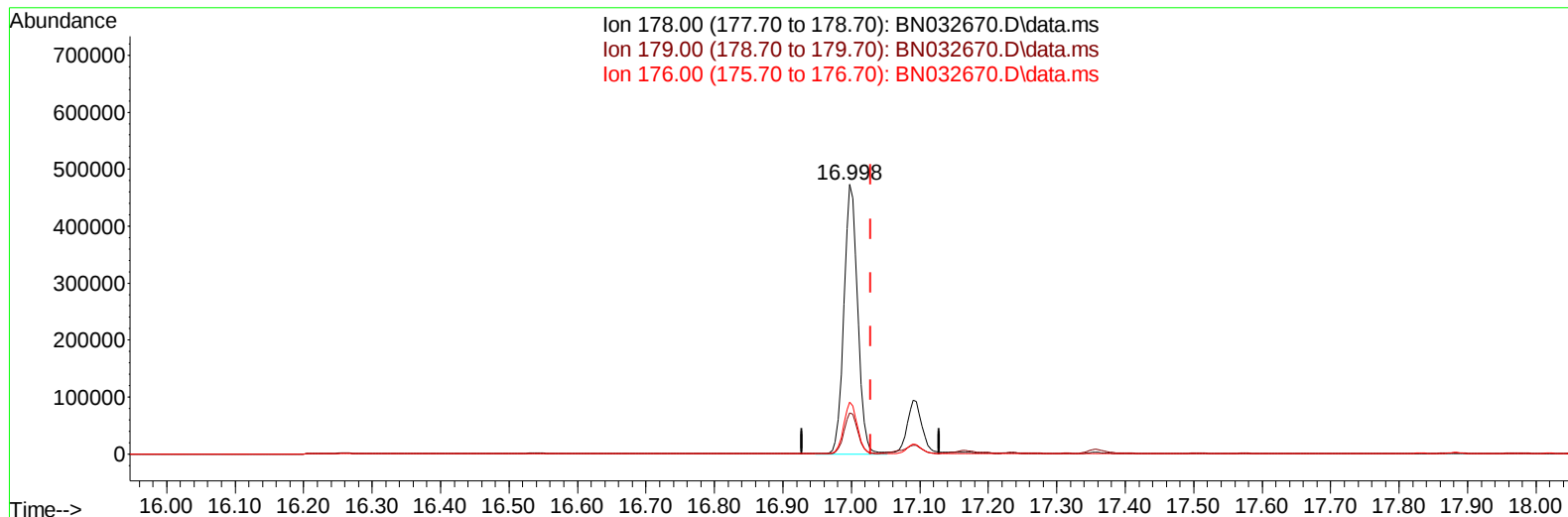
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032670.D\data.ms

(15) Phenanthrene

16.998min (-0.031) 13.01 ng/ul m

response 663473

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.34
176.00	19.50	19.26
0.00	0.00	0.00

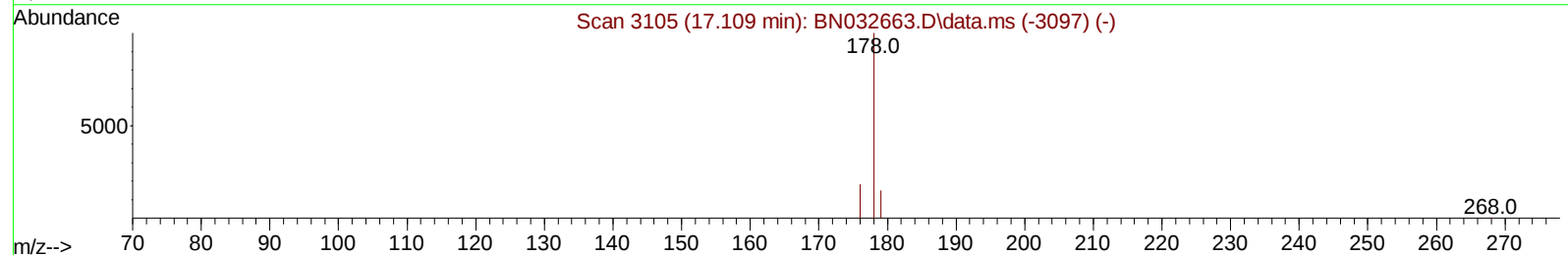
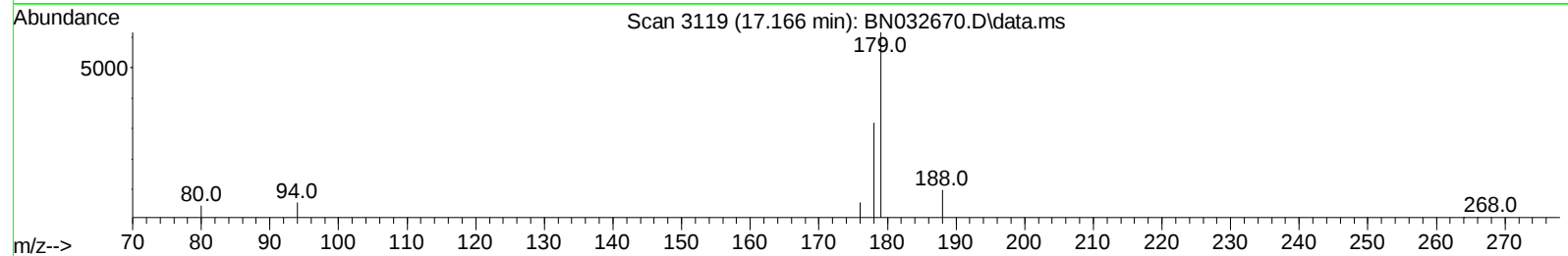
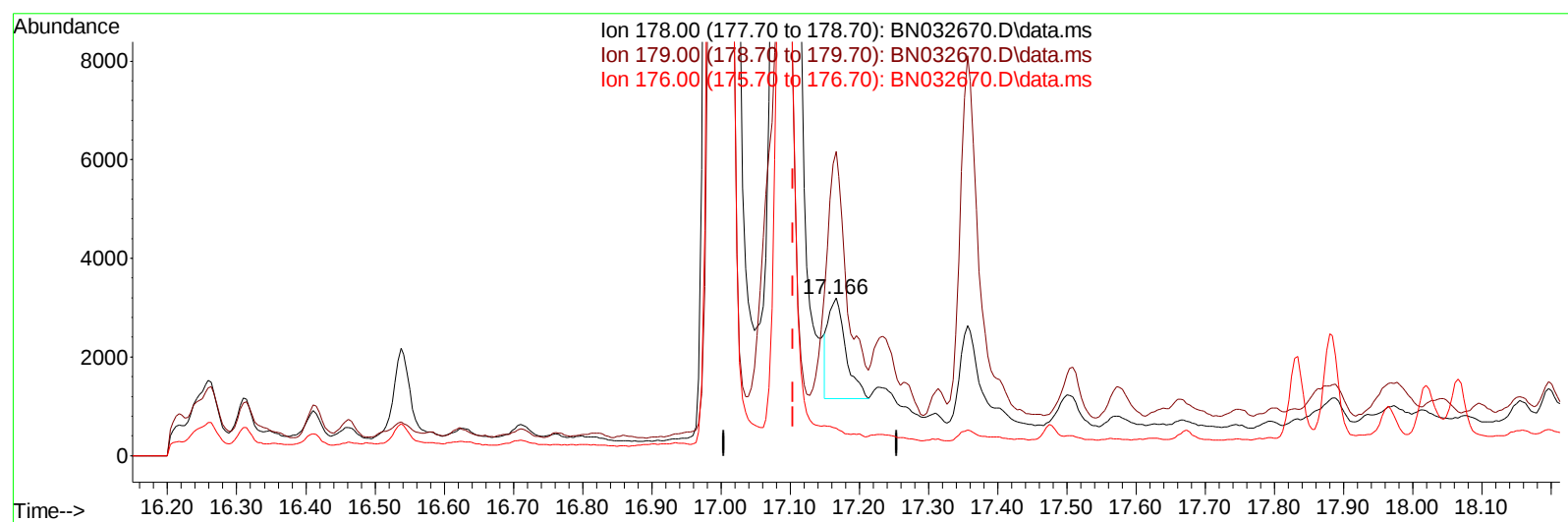
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 18 09:28:59 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 07/16/2024



TIC: BN032670.D\data.ms

(16) Anthracene

17.166min (+ 0.062) 0.00 ng/u1

response 3600

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	193.05#
176.00	19.20	17.54
0.00	0.00	0.00

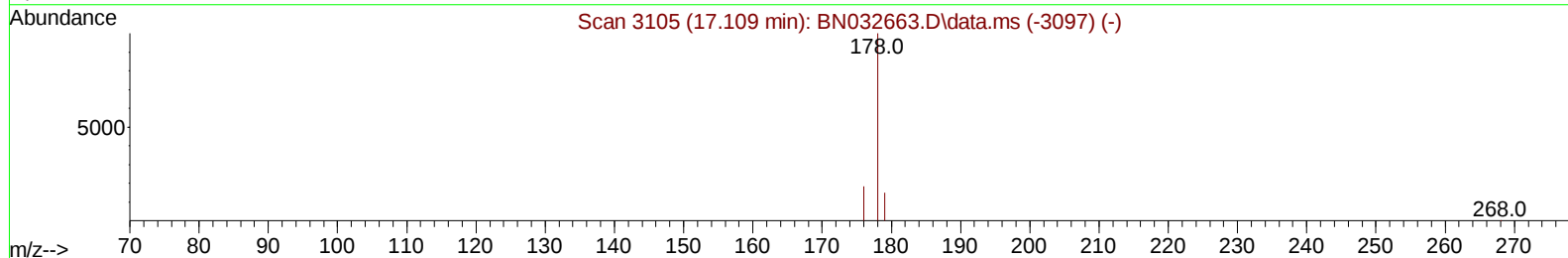
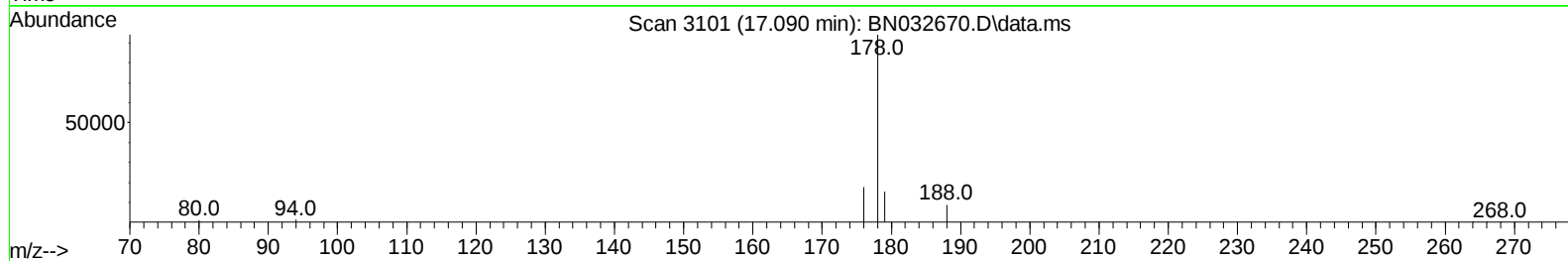
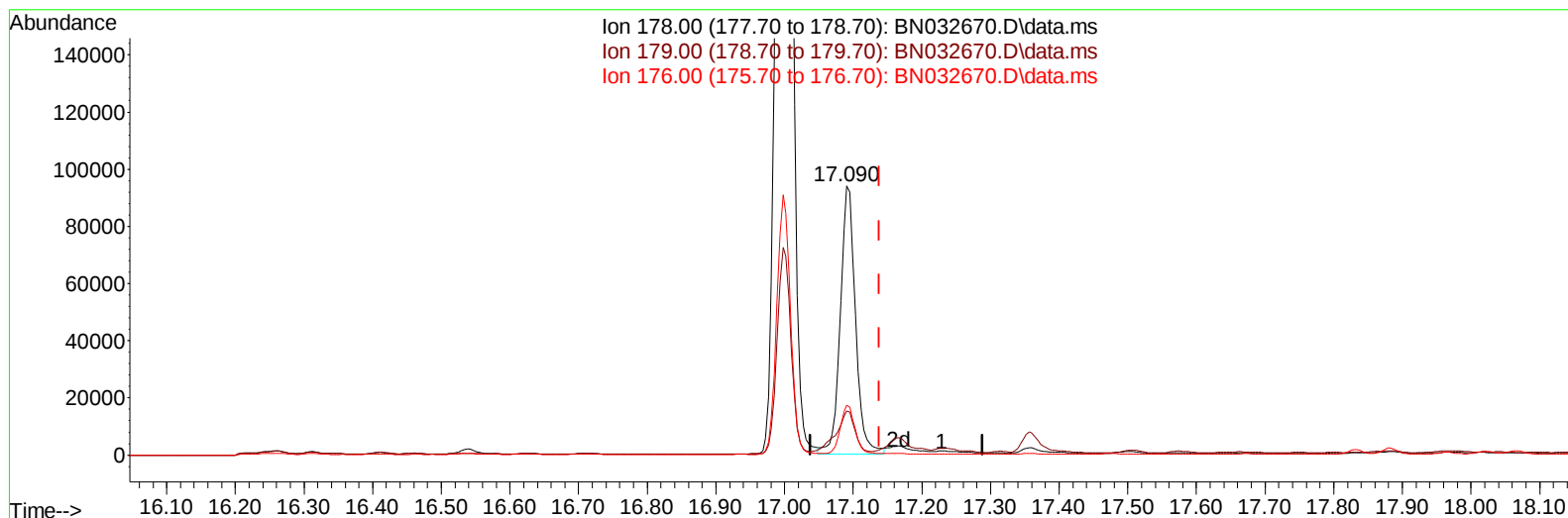
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(16) Anthracene

17.090min (-0.048) 3.49 ng/u1 m

response 145334

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.50
176.00	19.20	18.64
0.00	0.00	0.00

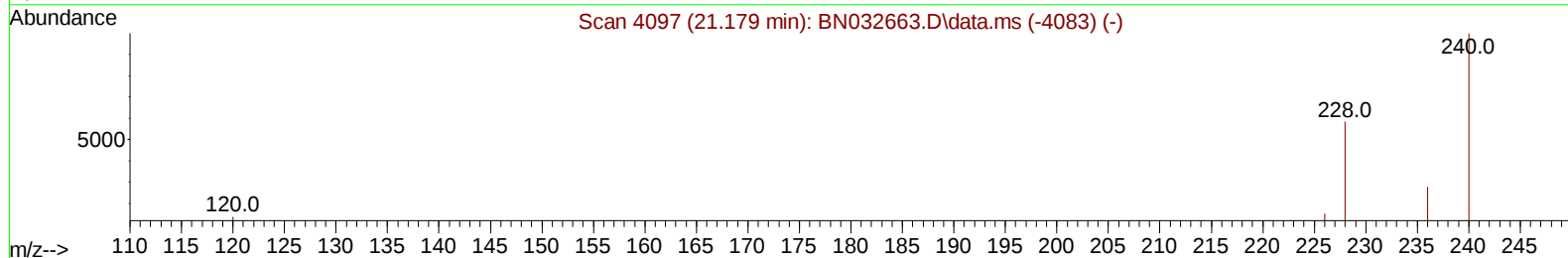
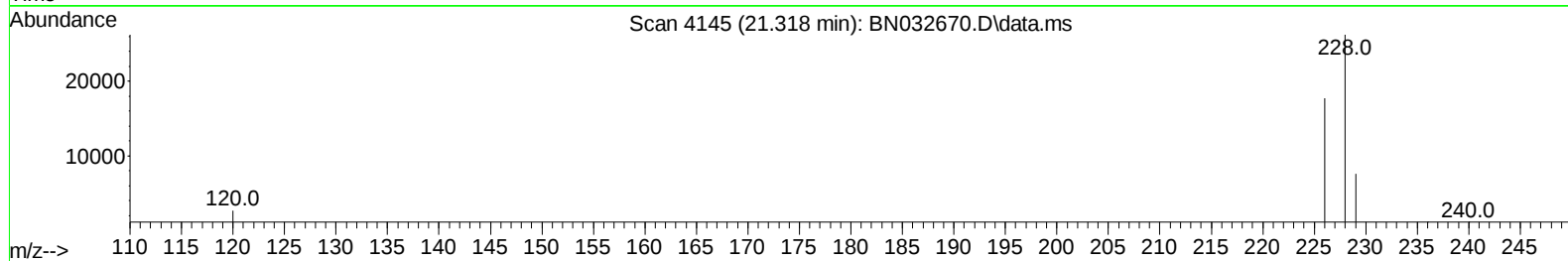
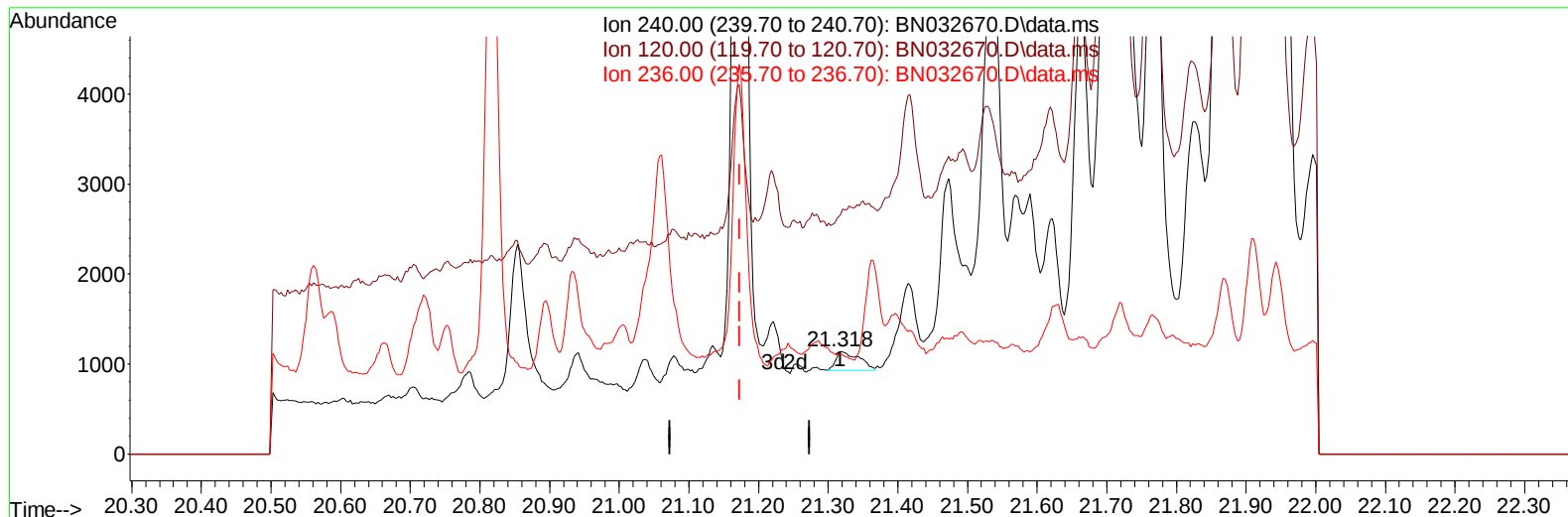
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 18 09:28:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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TIC: BN032670.D\data.ms

(17) Chrysene-d12

21.318min (+ 0.144) 0.40 ng/u1

response 495

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	233.36#
236.00	28.40	97.29#
0.00	0.00	0.00

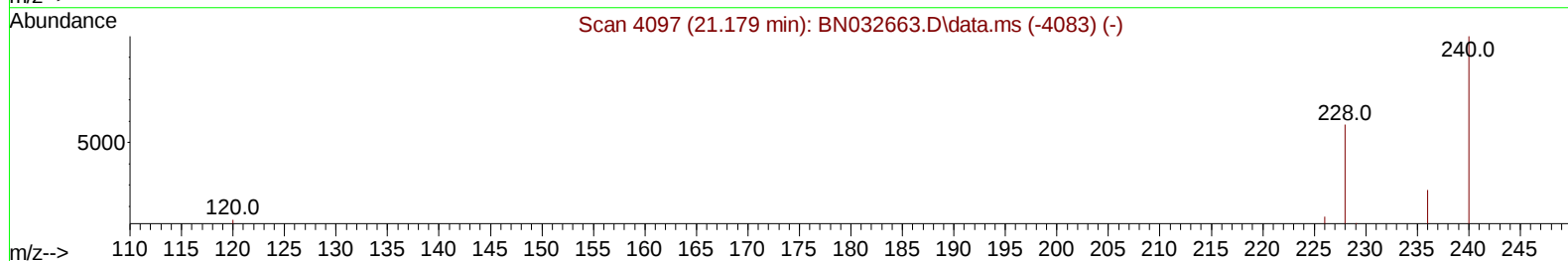
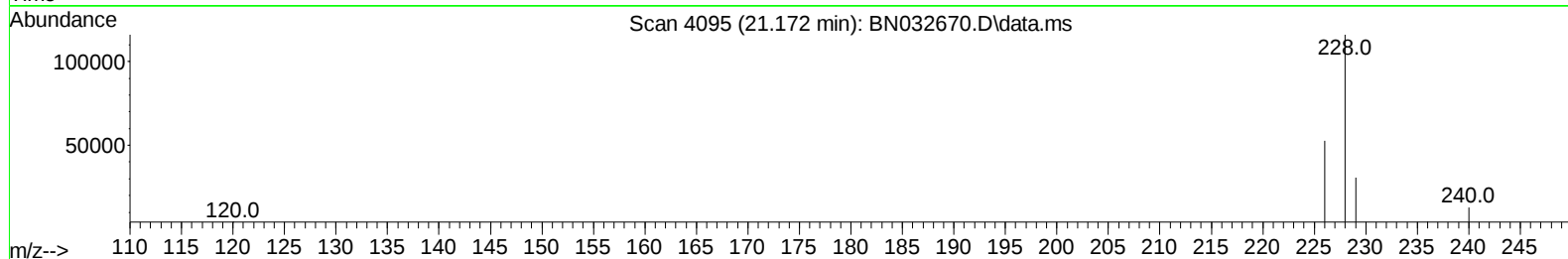
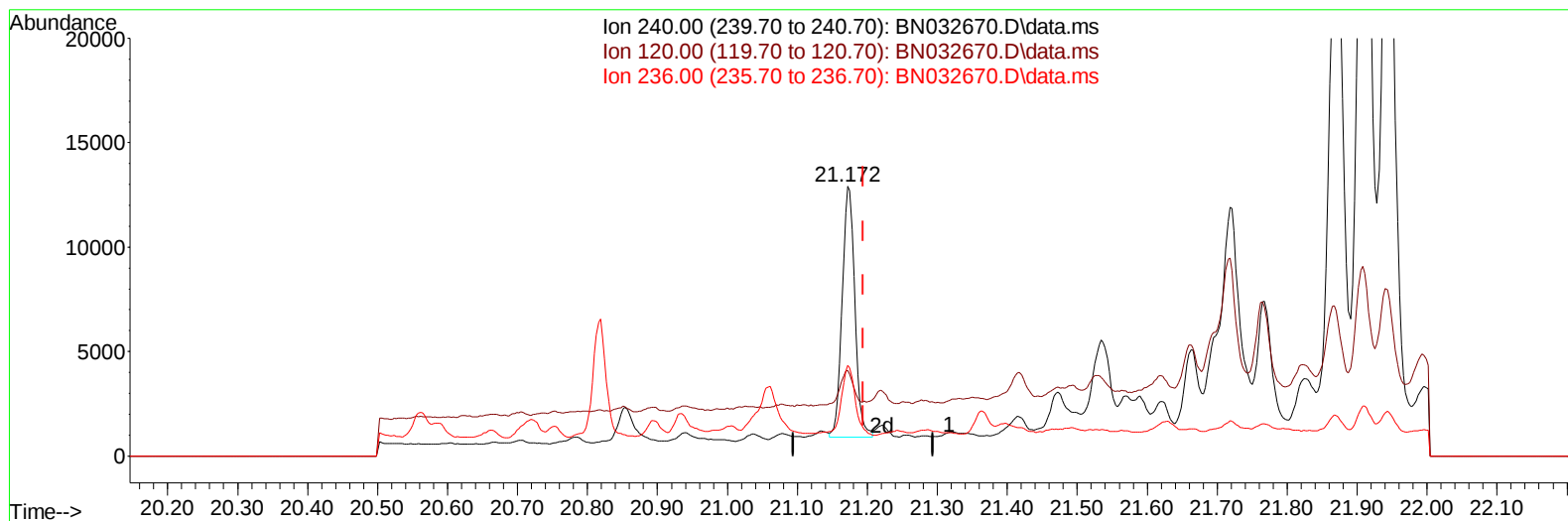
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(17) Chrysene-d12

21.172min (-0.022) 0.40 ng/u1 m

response 15088

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	31.79#
236.00	28.40	33.59
0.00	0.00	0.00

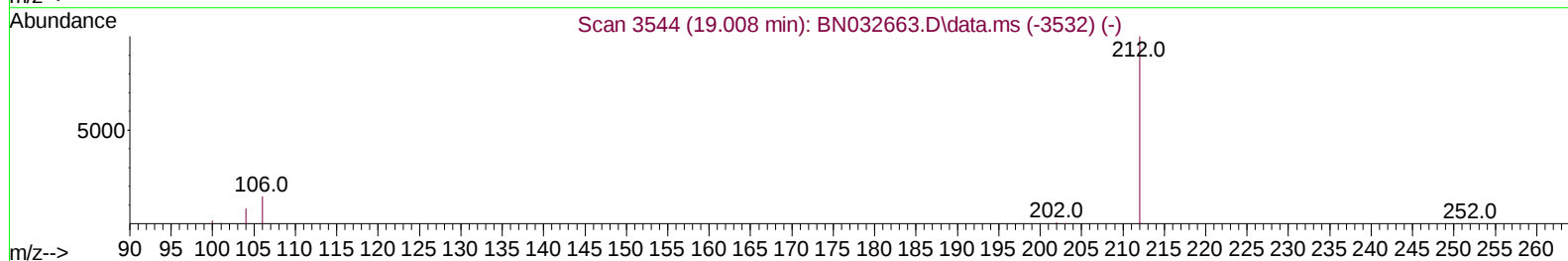
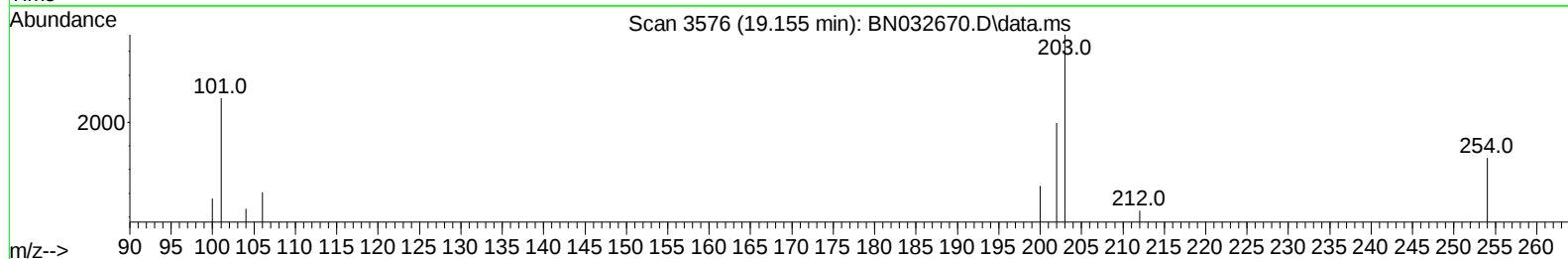
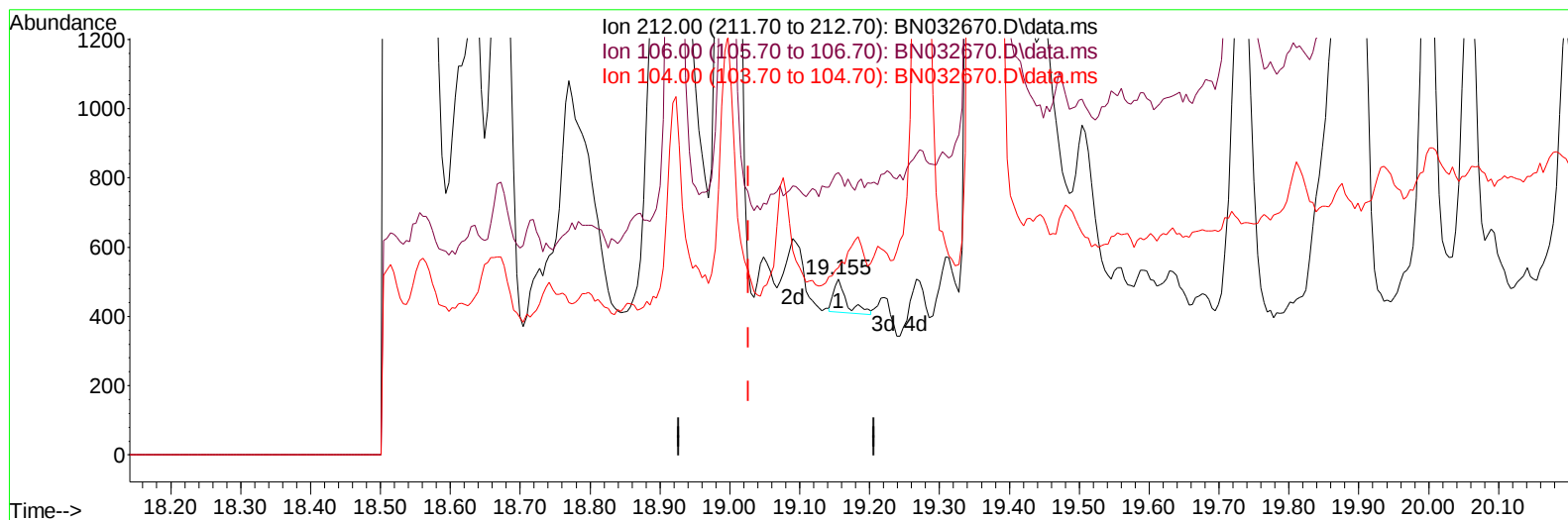
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 13:53:59 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: BN032670.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.155min (+ 0.129) 0.00 ng/u1

response 125

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	101.60#
104.00	9.00	0.00#
0.00	0.00	0.00

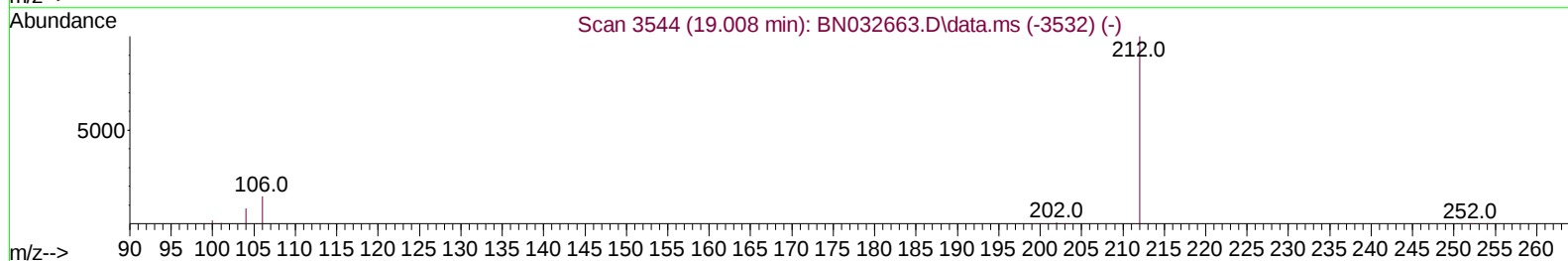
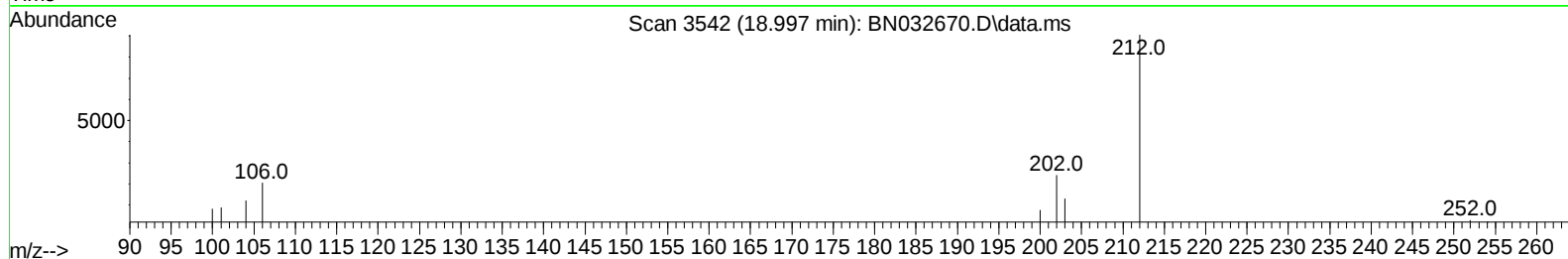
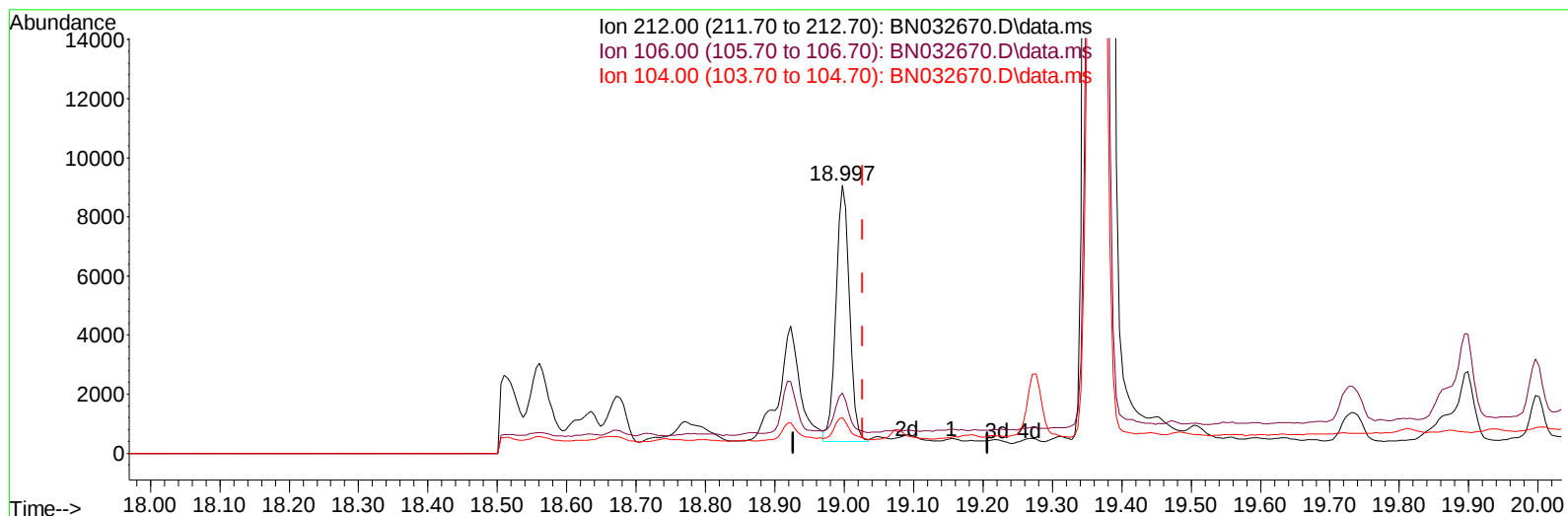
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.997min (-0.029) 0.24 ng/ul m

response 11849

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

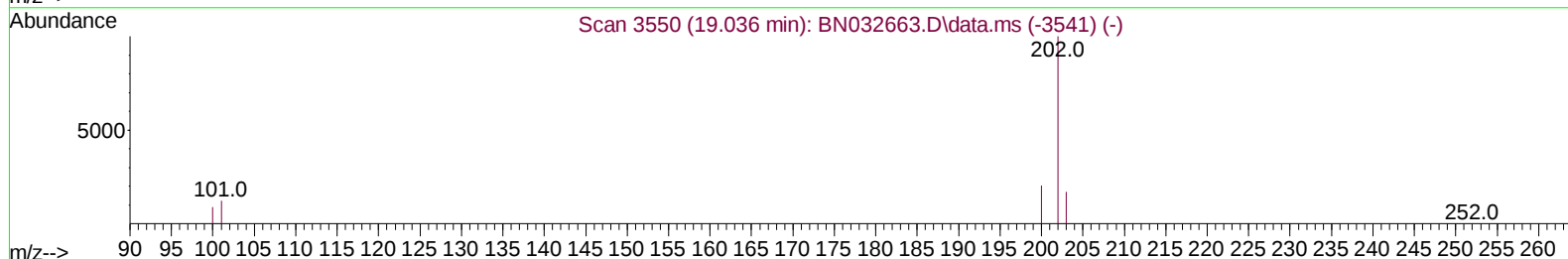
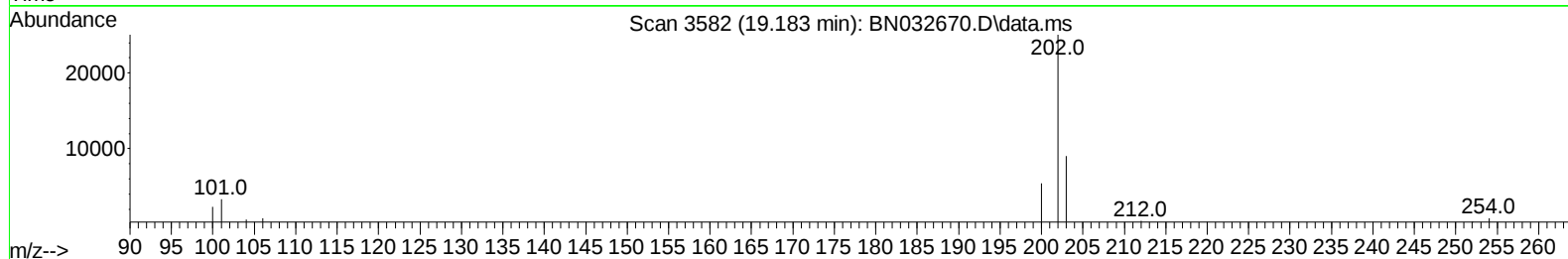
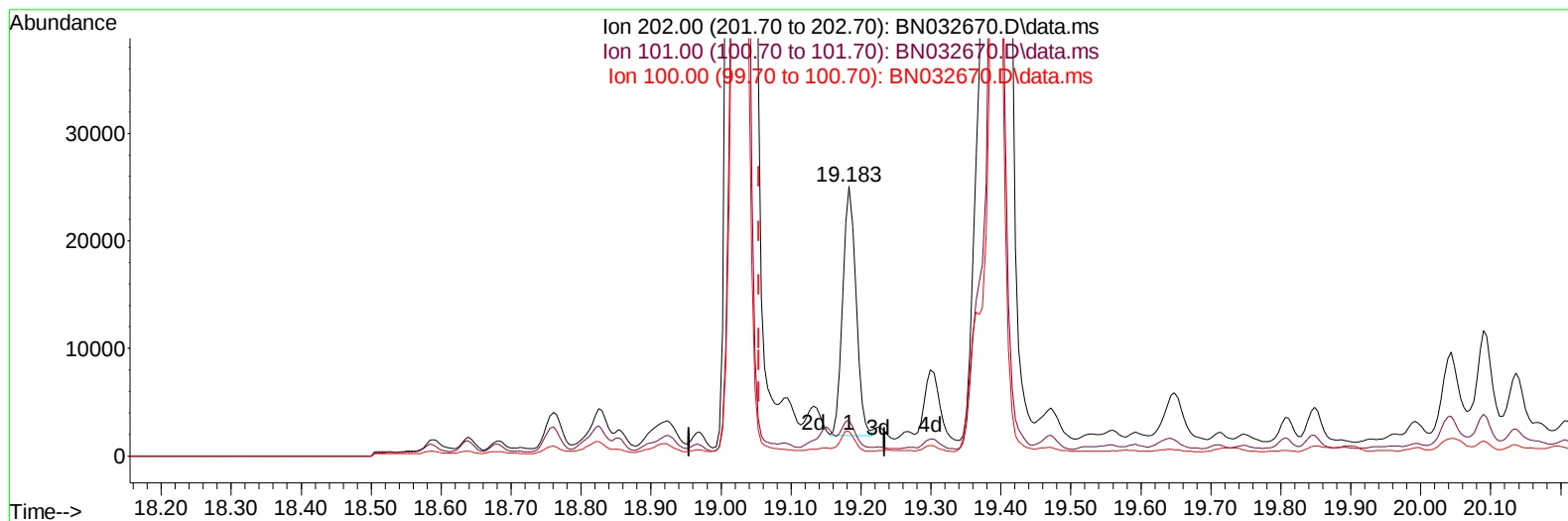
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(19) Fluoranthene (C)

19.183min (+ 0.129) 0.49 ng/u1

response 30208

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.11
100.00	9.90	9.22
0.00	0.00	0.00

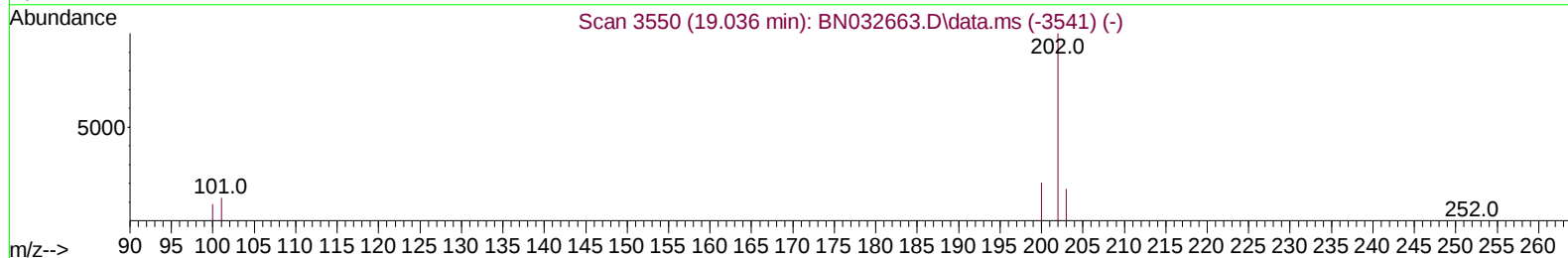
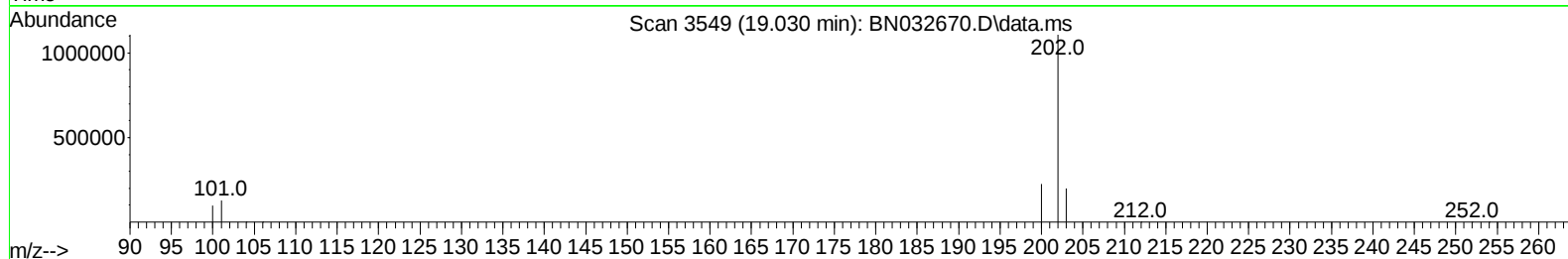
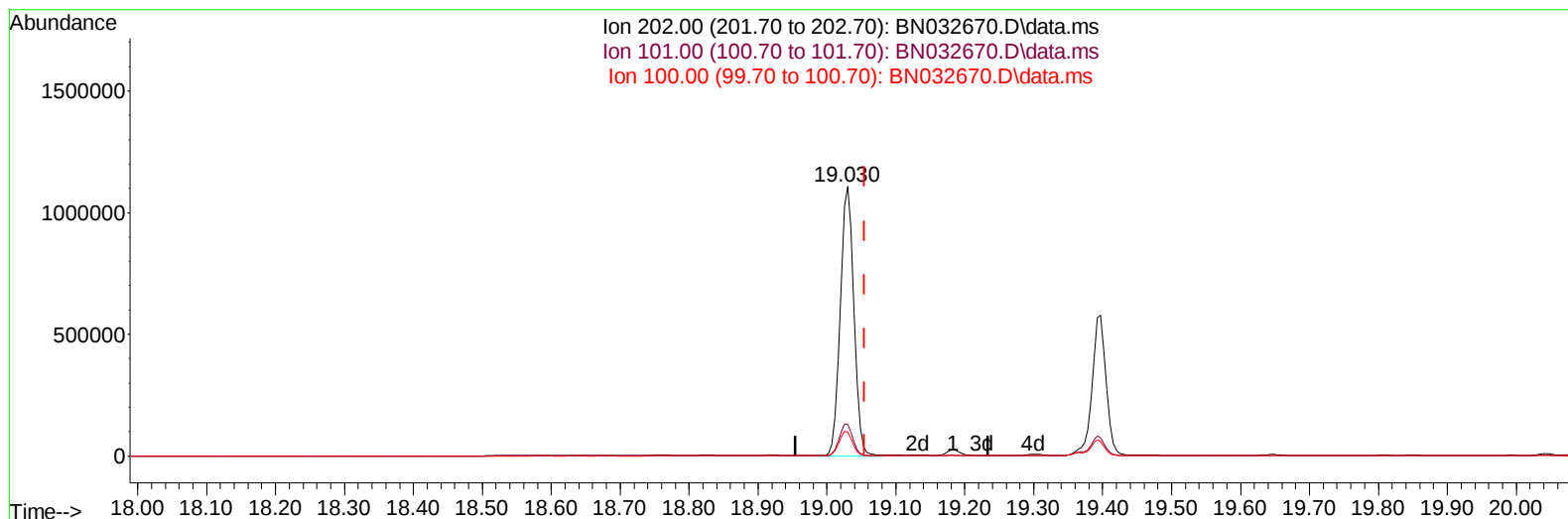
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(19) Fluoranthene (C)

19.030min (-0.025) 24.95 ng/ul m

response 1530426

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.64
100.00	9.90	8.75
0.00	0.00	0.00

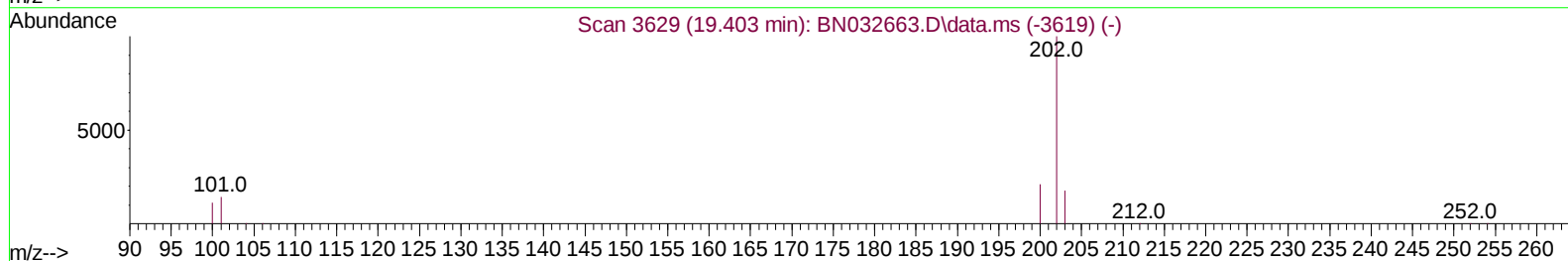
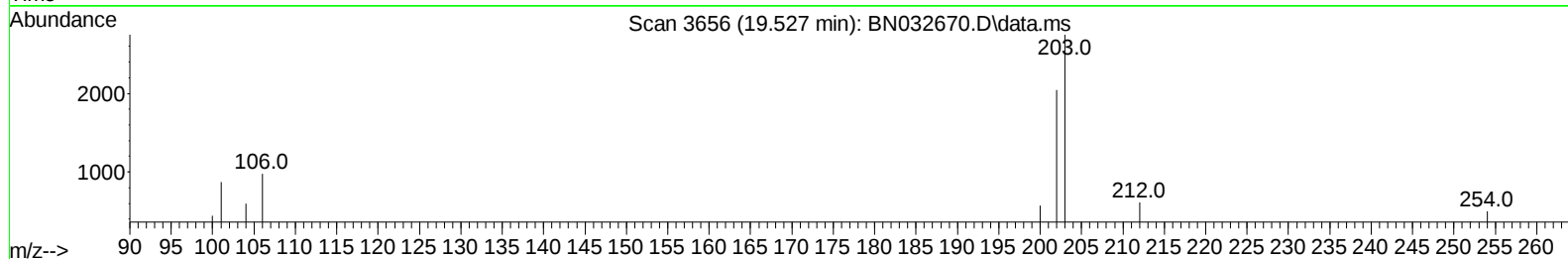
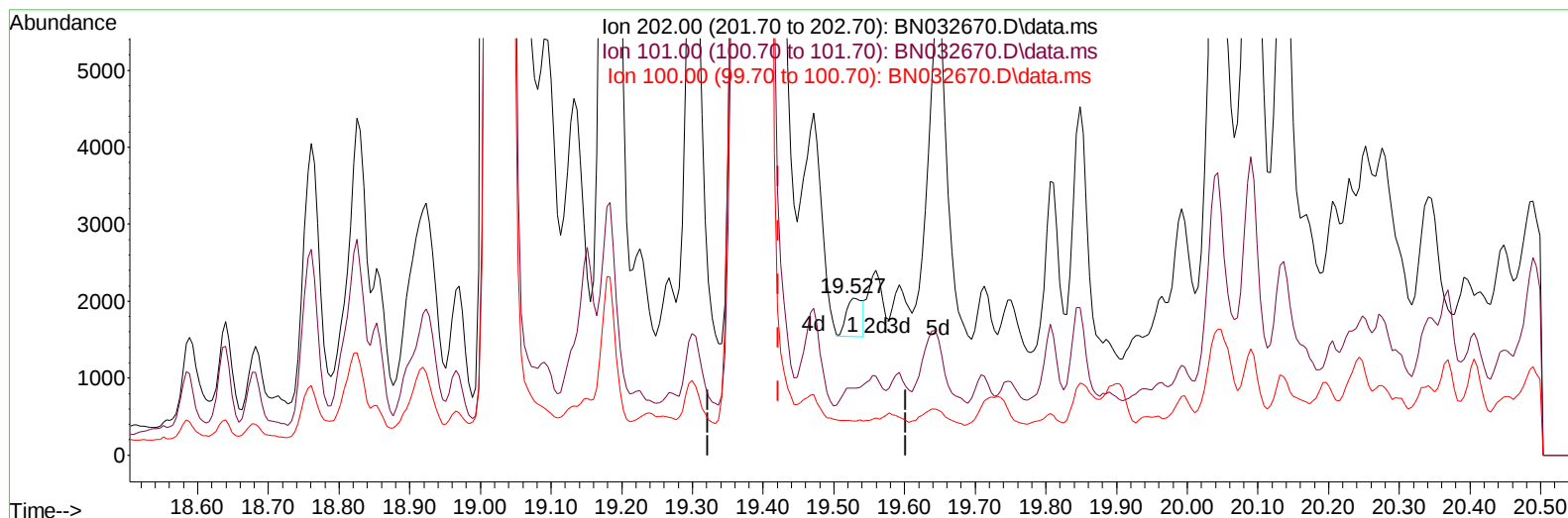
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

(20) Pyrene

19.527min (+ 0.105) 0.01 ng/u1

response 801

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.56#
100.00	12.00	21.60#
0.00	0.00	0.00

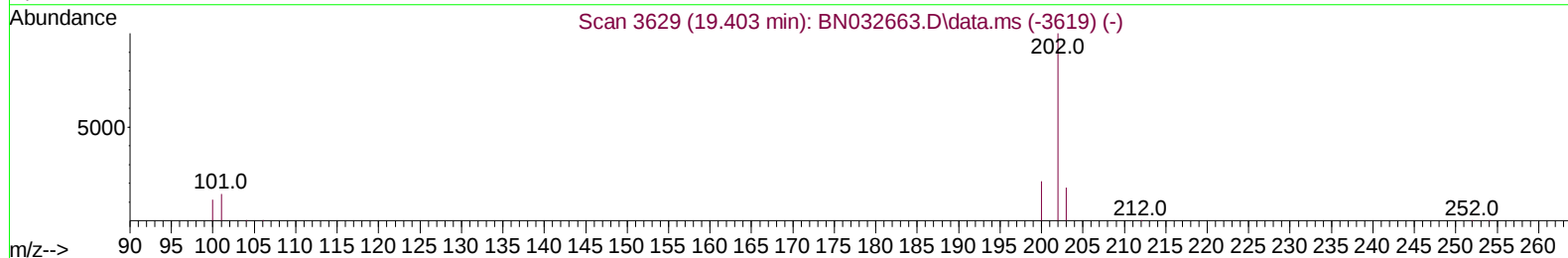
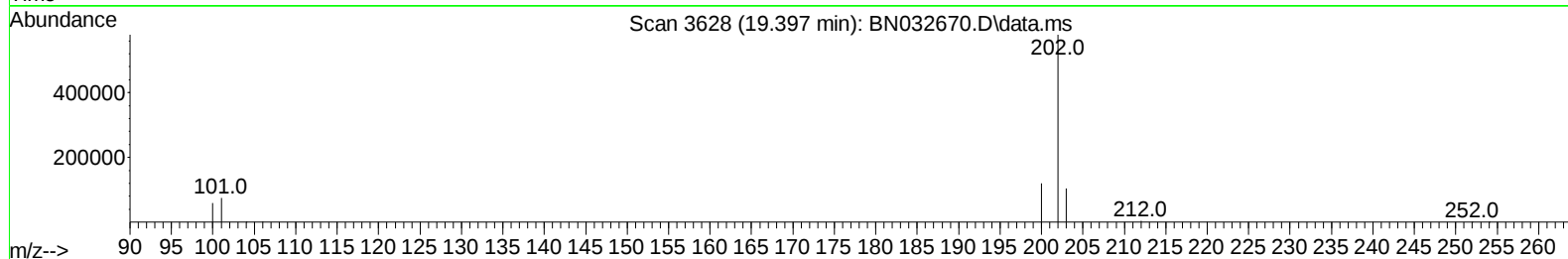
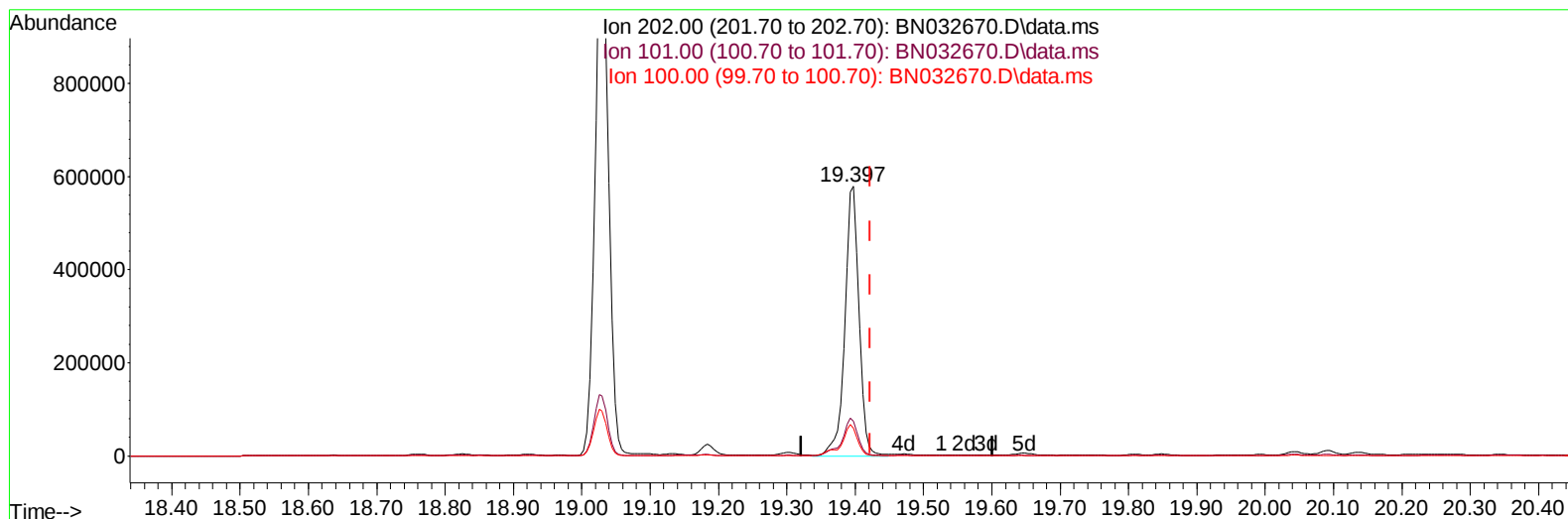
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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 QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

(20) Pyrene

19.397min (-0.025) 13.12 ng/ul m

response 832961

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	12.83
100.00	12.00	10.19
0.00	0.00	0.00

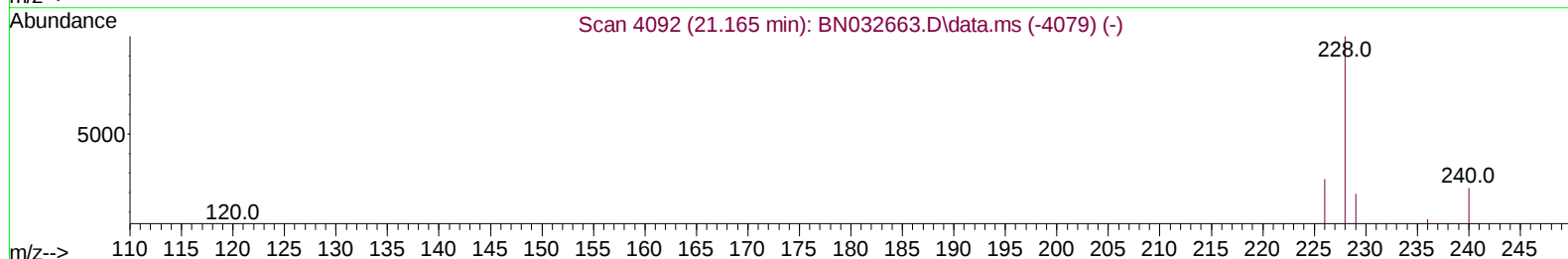
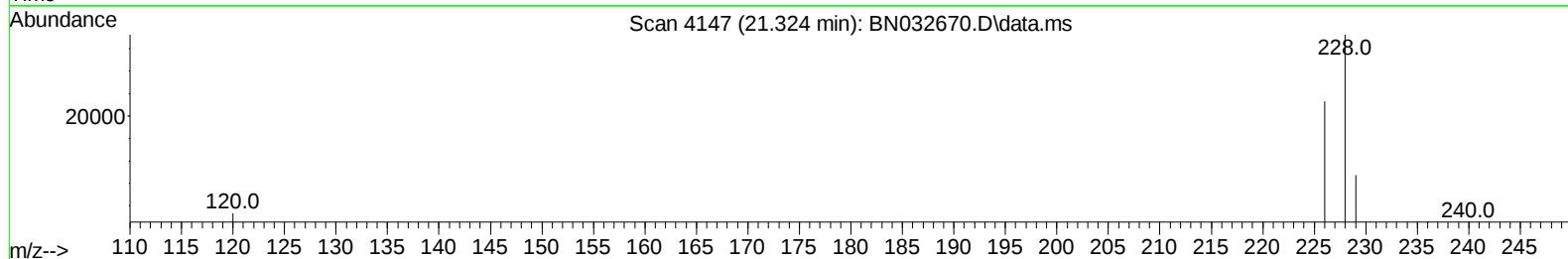
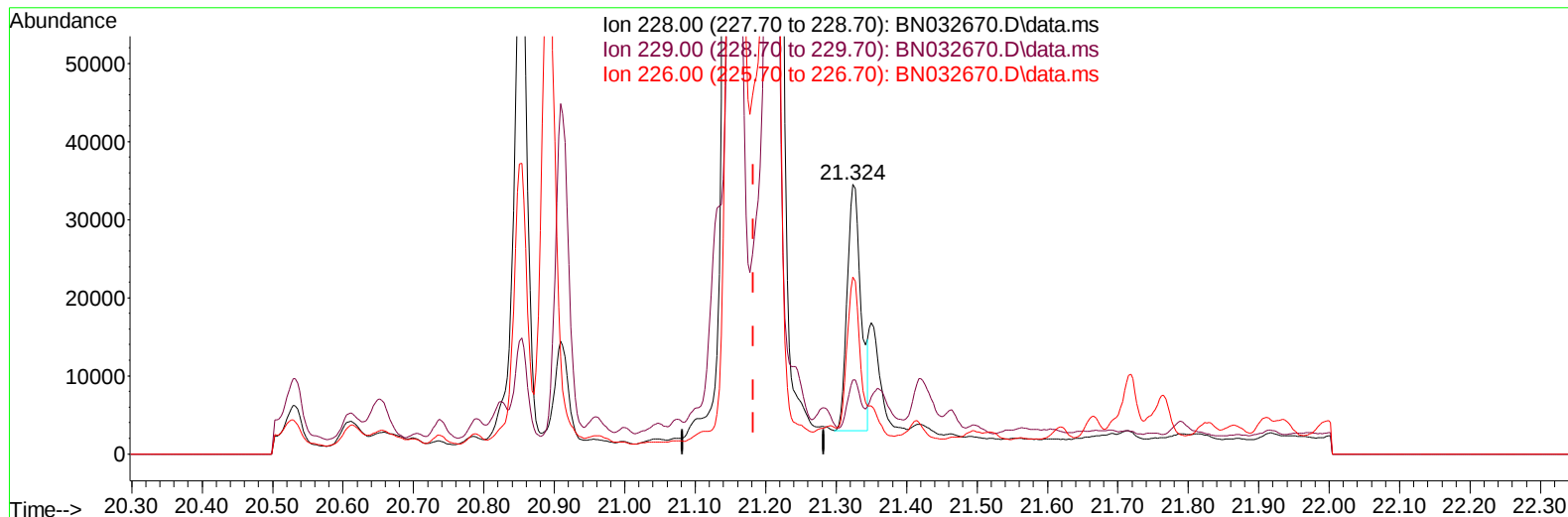
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(21) Benzo(a)anthracene

21.324min (+ 0.142) 0.90 ng/u1

response 43011

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	27.46#
226.00	27.40	65.57#
0.00	0.00	0.00

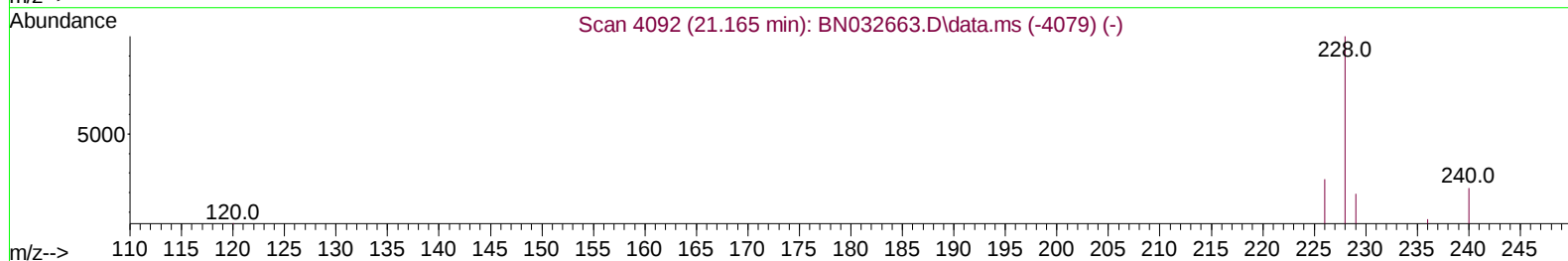
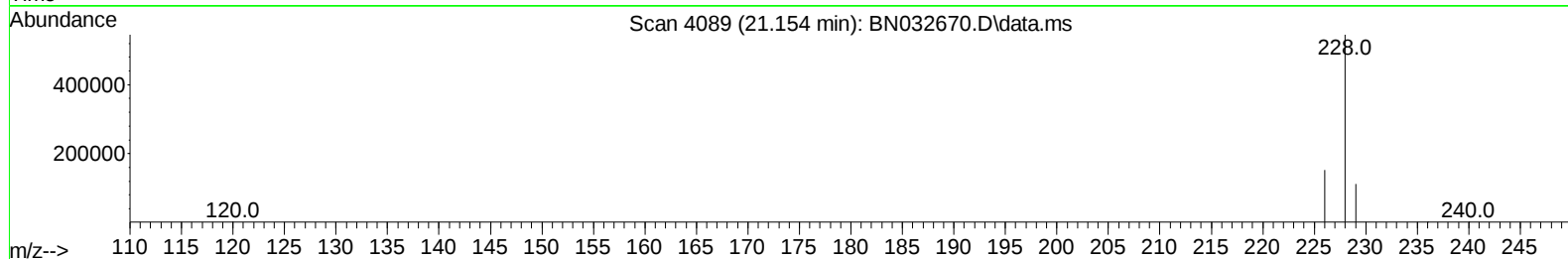
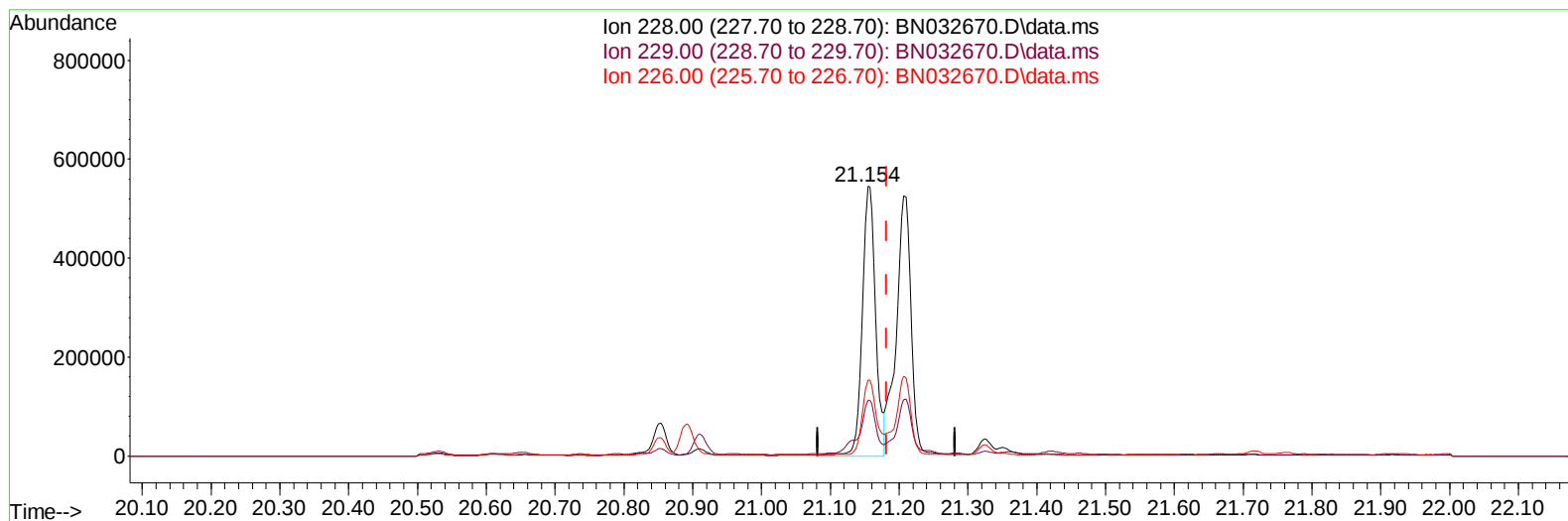
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(21) Benzo(a)anthracene

21.154min (-0.028) 15.36 ng/ul m

response 737840

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.60
226.00	27.40	28.13
0.00	0.00	0.00

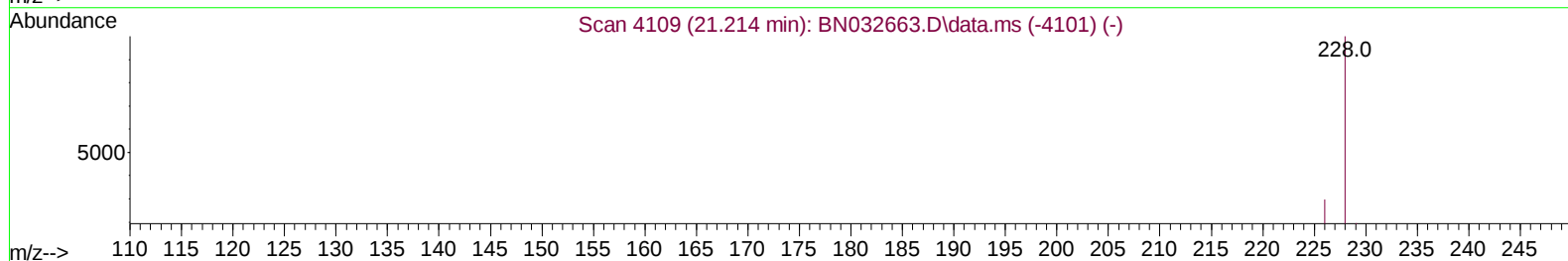
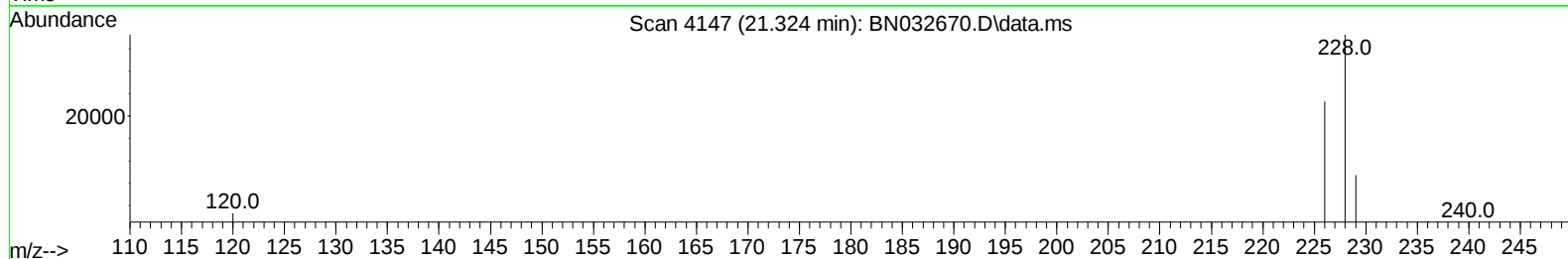
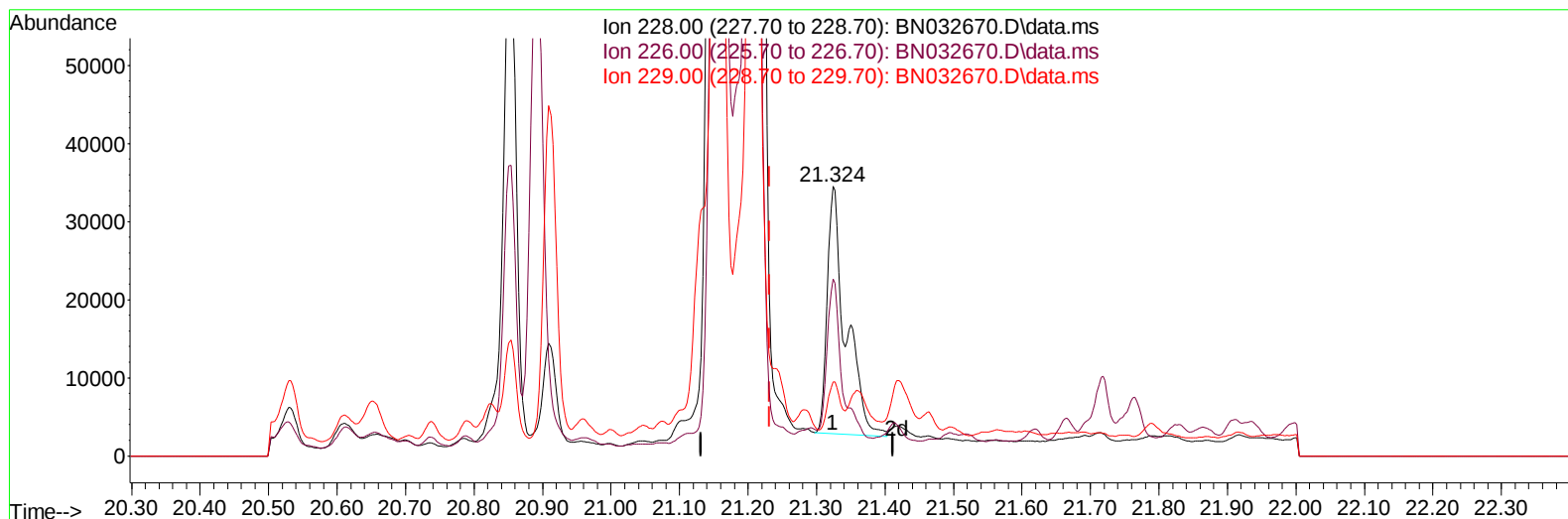
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(22) Chrysene

21.324min (+ 0.092) 0.86 ng/u1

response 59639

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	65.57#
229.00	19.70	27.46#
0.00	0.00	0.00

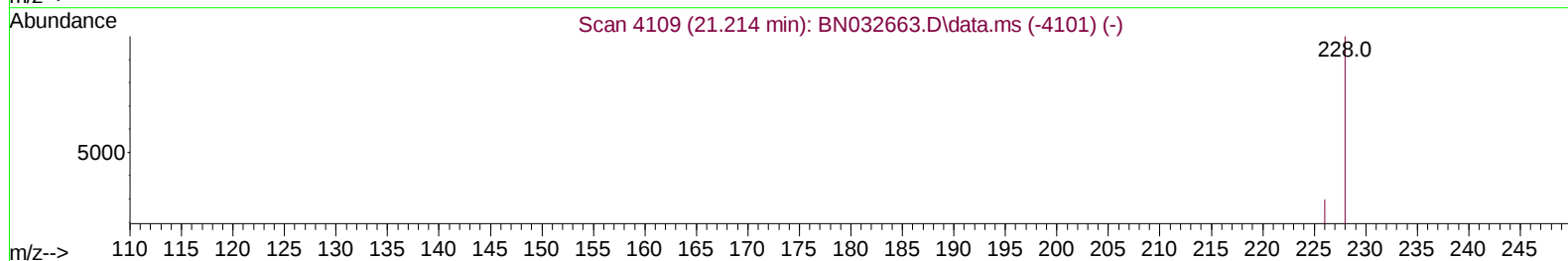
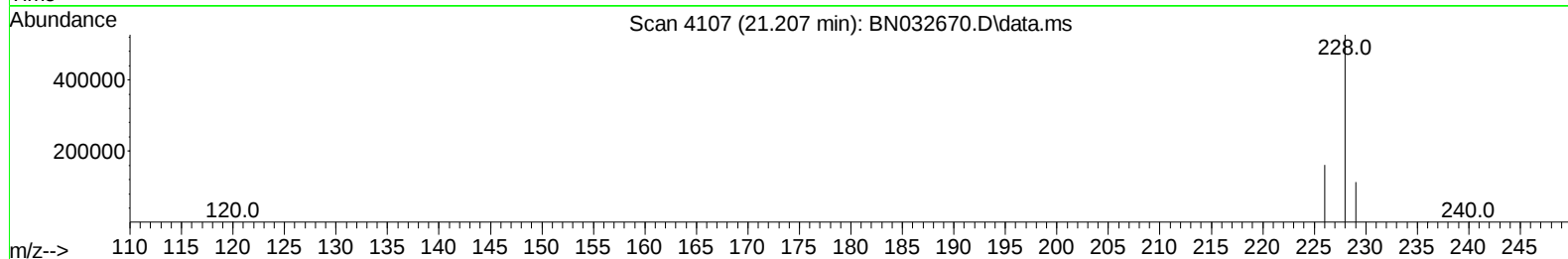
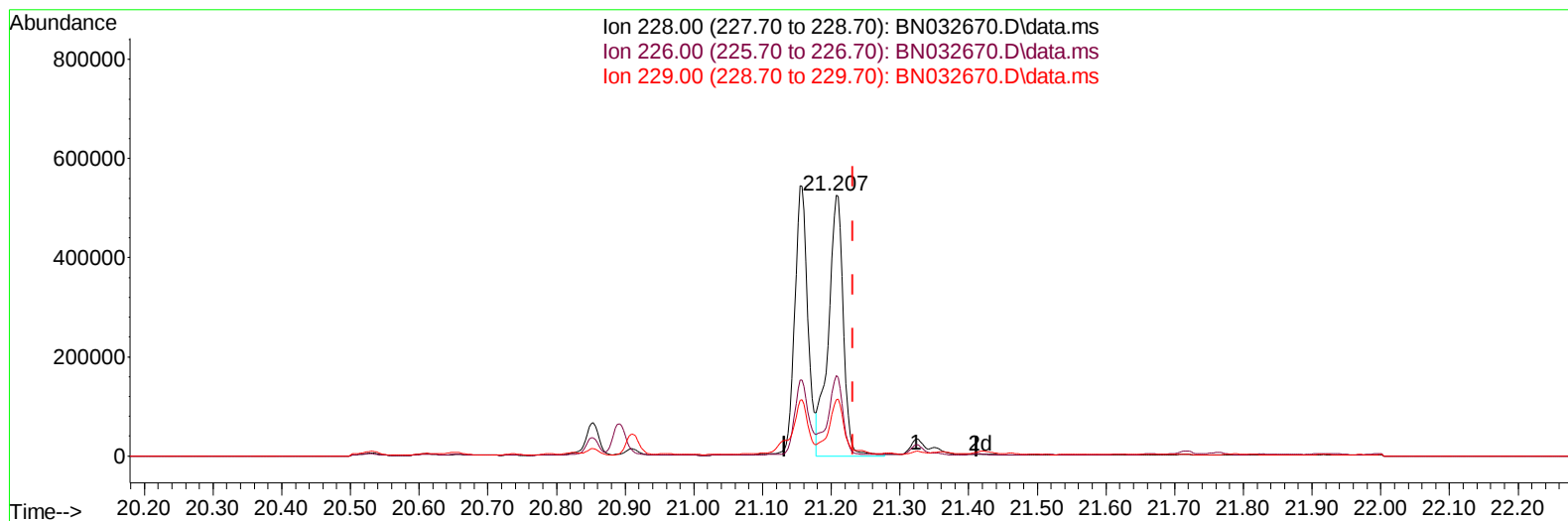
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032670.D\data.ms

(22) Chrysene

21.207min (-0.025) 11.55 ng/ul m

response 802207

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.70
229.00	19.70	21.53
0.00	0.00	0.00

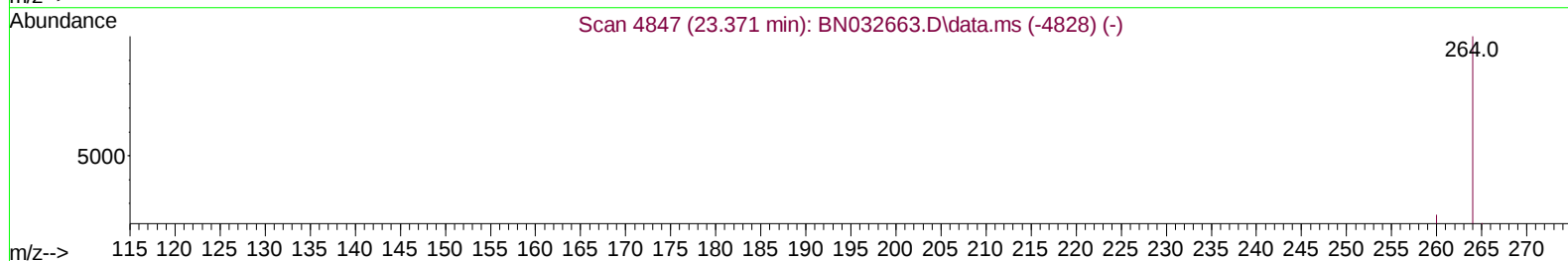
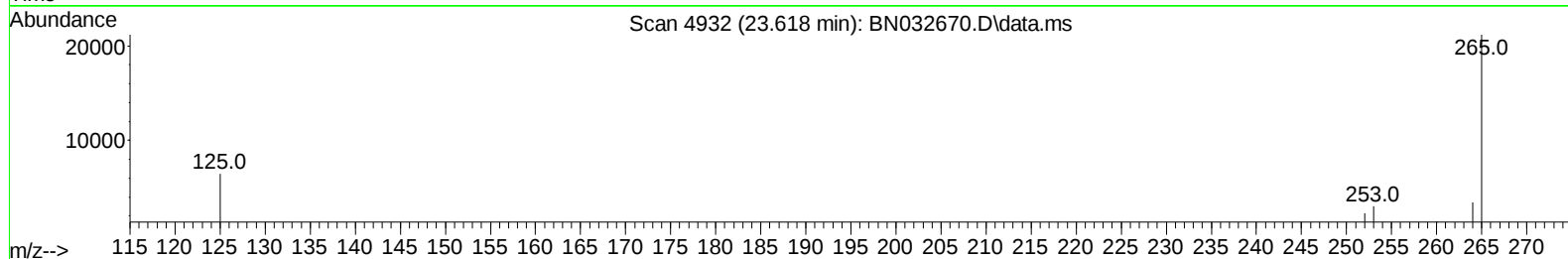
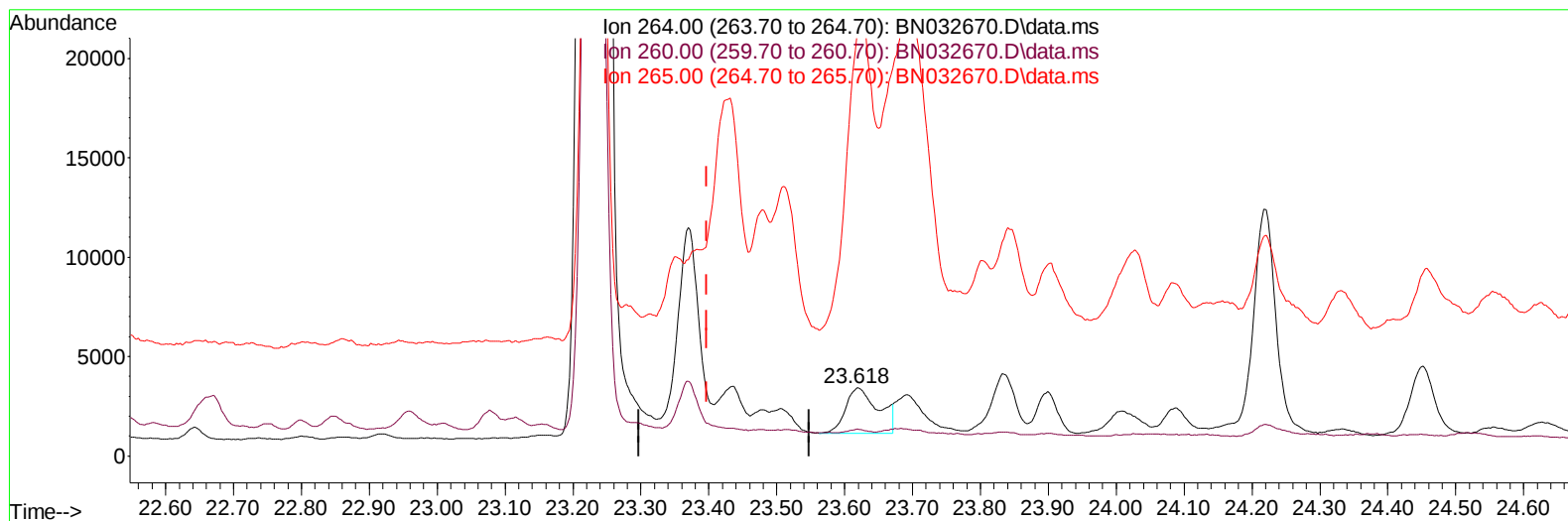
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(23) Perylene-d12 (I)

23.618min (+ 0.221) 0.40 ng/u1

response 7695

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	39.32#
265.00	95.50	618.87#
0.00	0.00	0.00

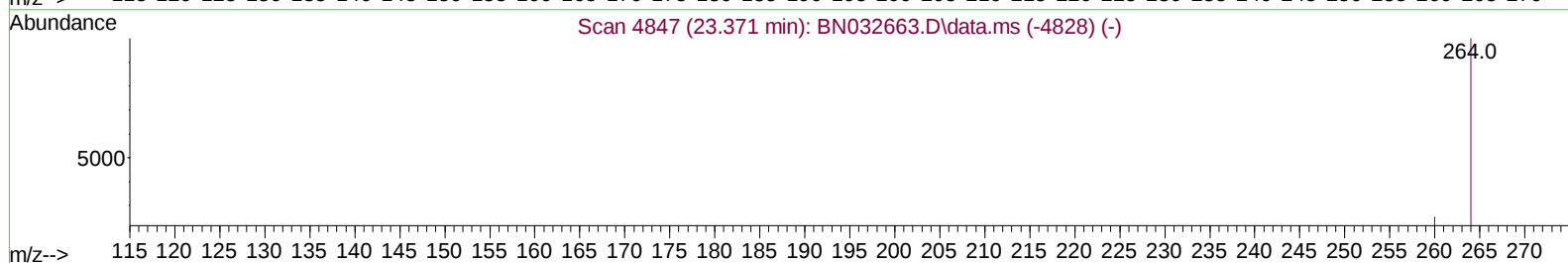
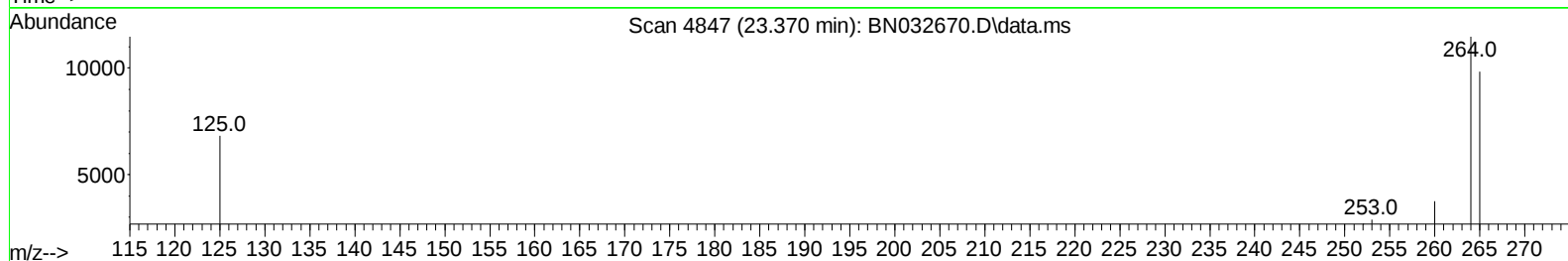
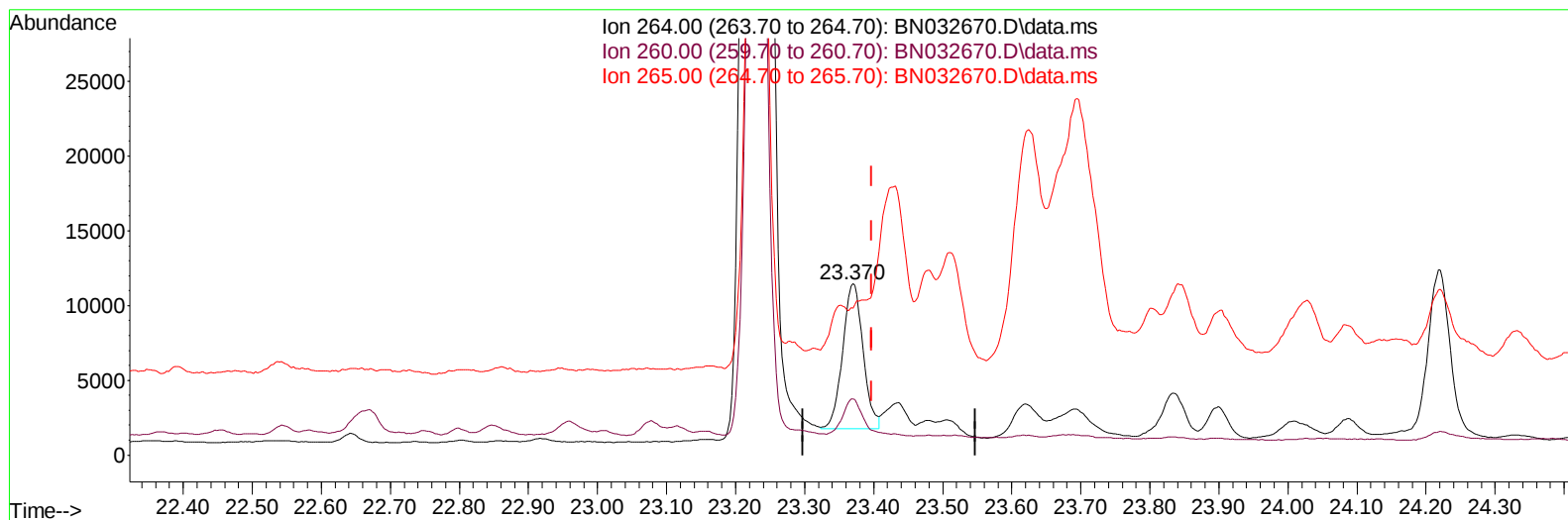
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(23) Perylene-d12 (I)

23.370min (-0.028) 0.40 ng/ul m

response 19890

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.69#
265.00	95.50	85.80
0.00	0.00	0.00

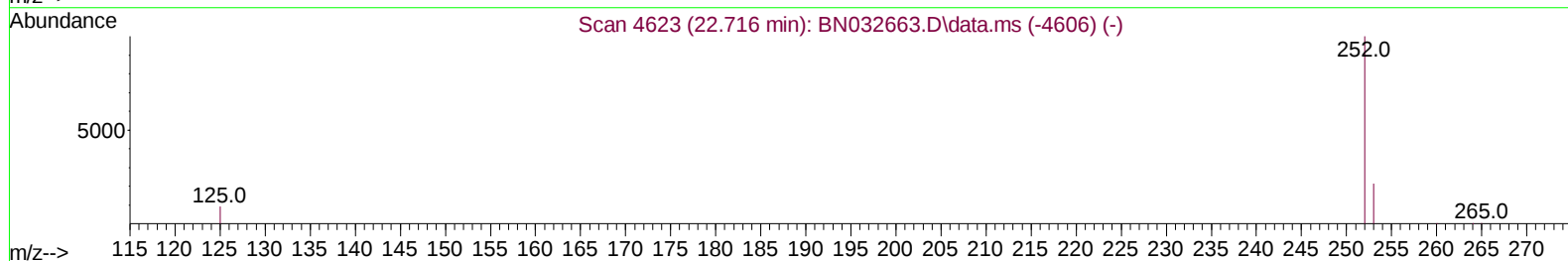
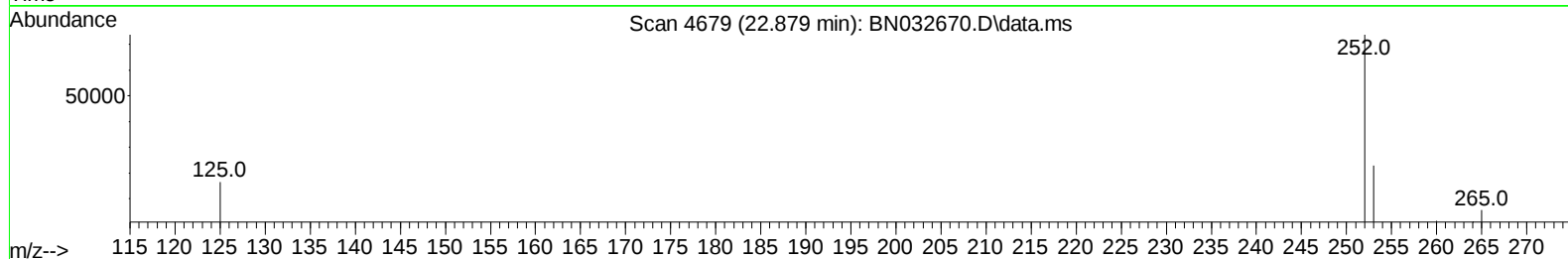
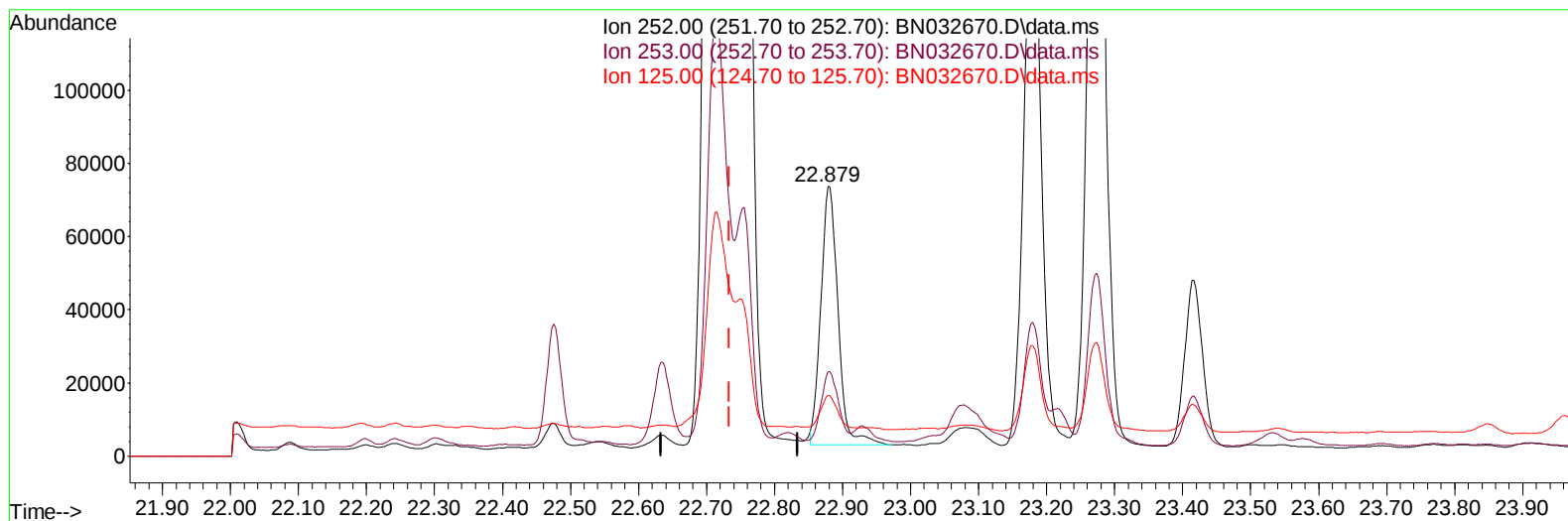
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

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TIC: BN032670.D\data.ms

(24) Benzo(b)fluoranthene

22.879min (+ 0.145) 1.77 ng/u1

response 124256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.15
125.00	18.00	22.45
0.00	0.00	0.00

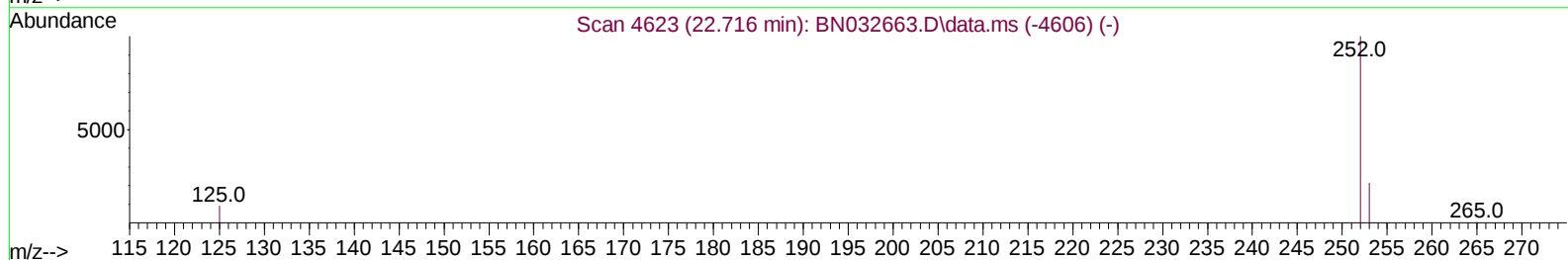
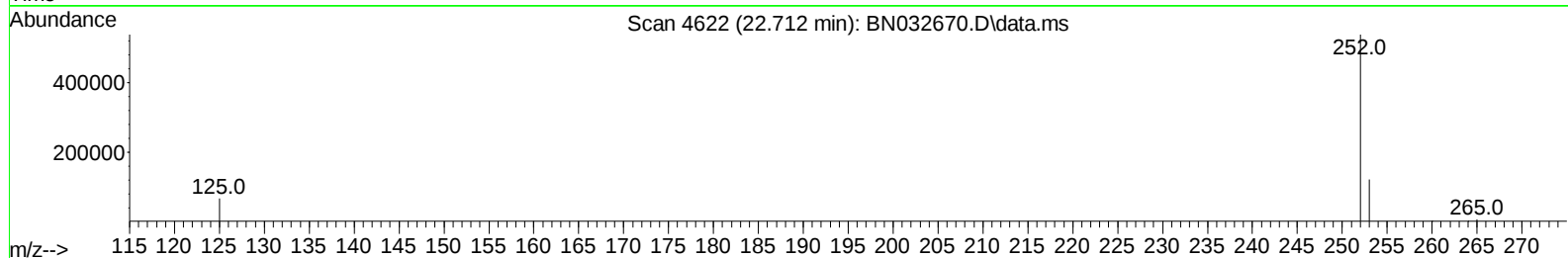
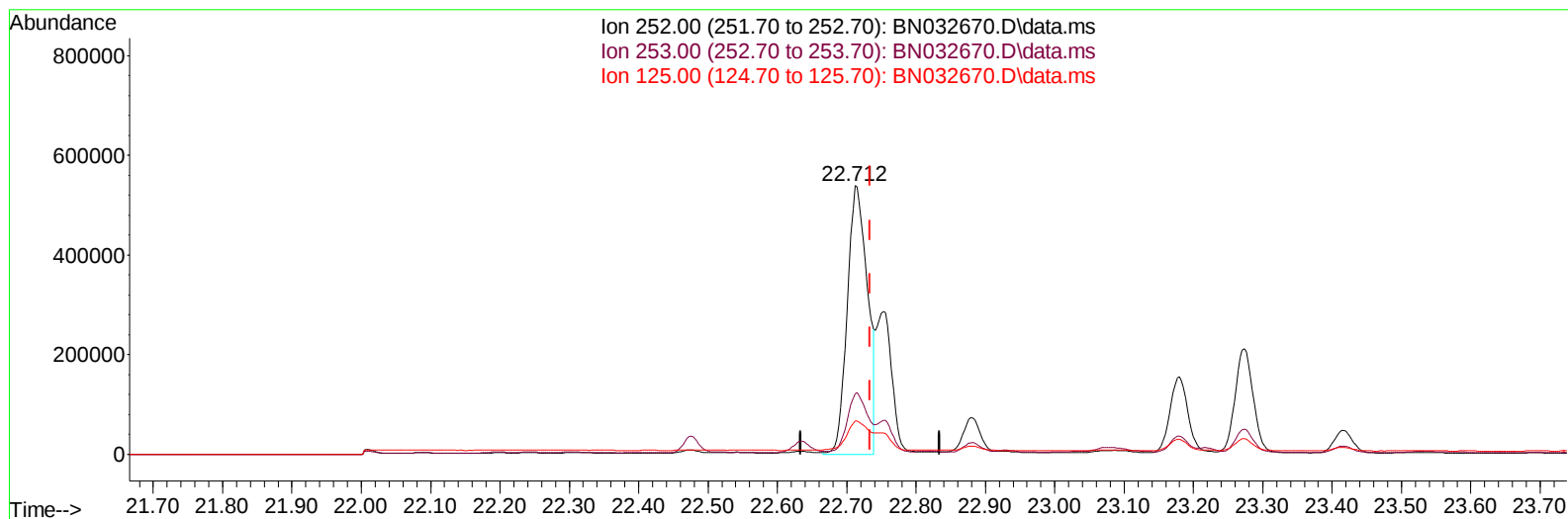
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

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TIC: BN032670.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (-0.022) 15.46 ng/ul m

response 1084941

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.62
125.00	18.00	12.36
0.00	0.00	0.00

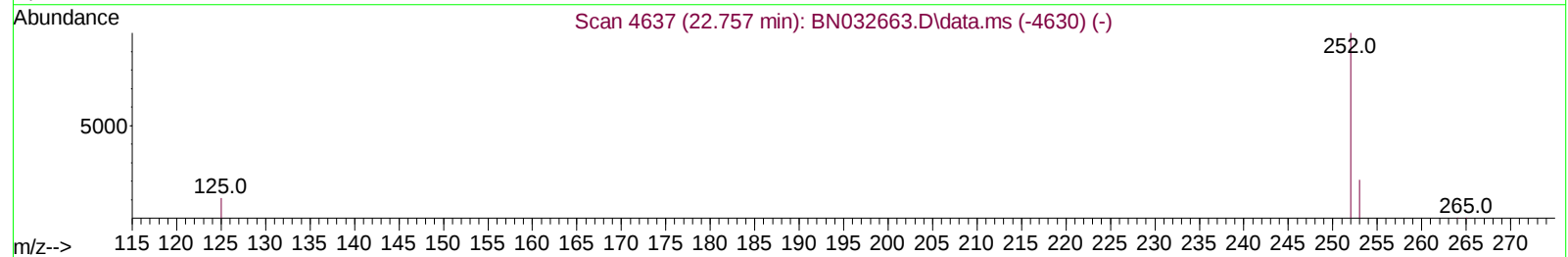
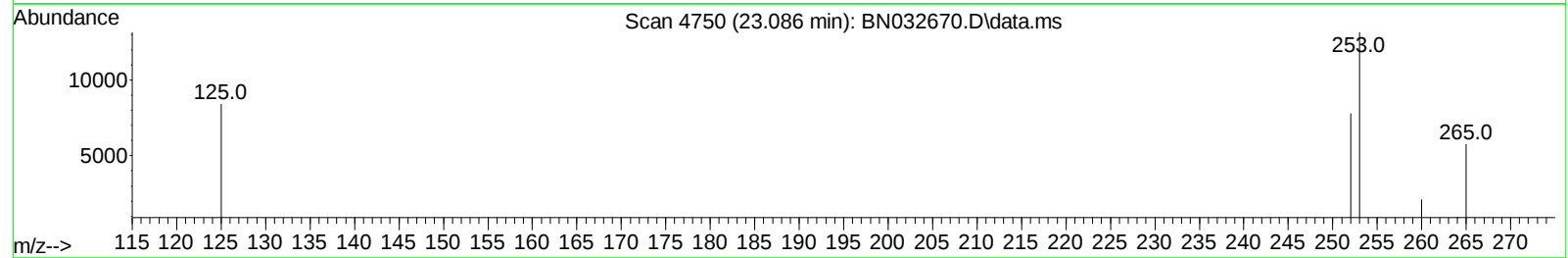
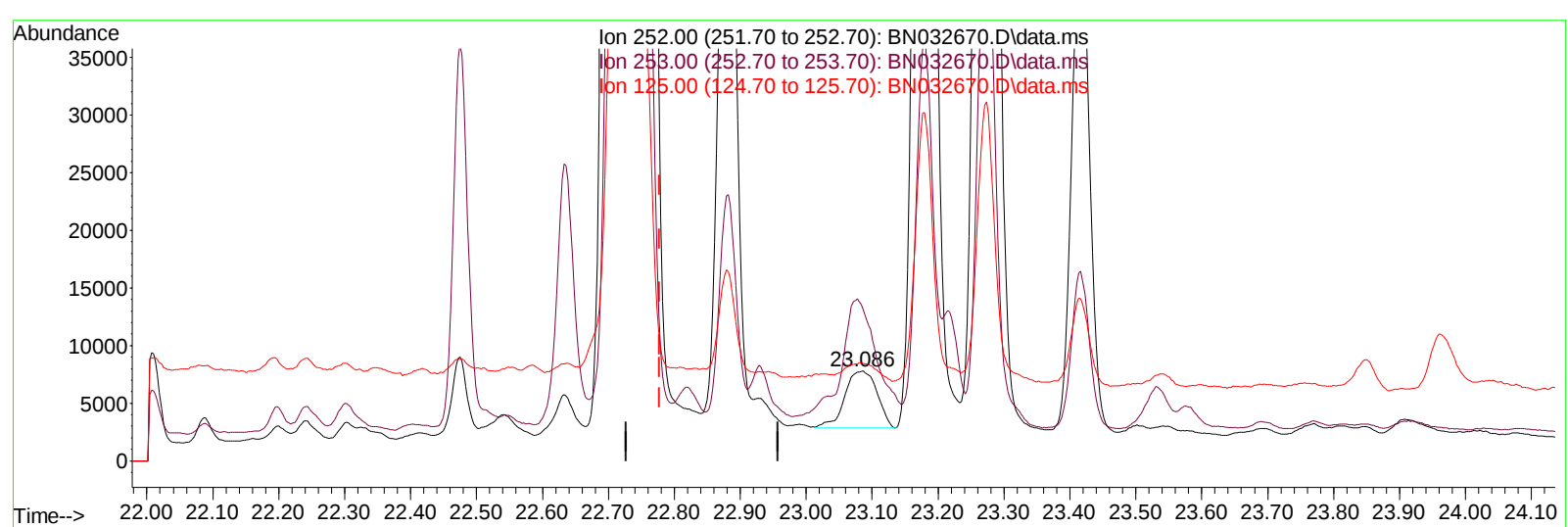
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
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TIC: BN032670.D\data.ms

(25) Benzo(k)fluoranthene

23.086min (+ 0.308) 0.20 ng/u1

response 16819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	168.60#
125.00	18.50	108.17#
0.00	0.00	0.00

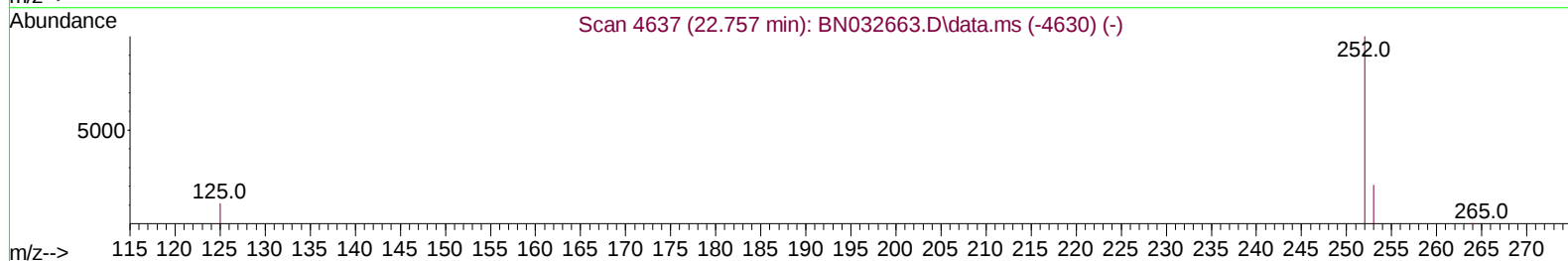
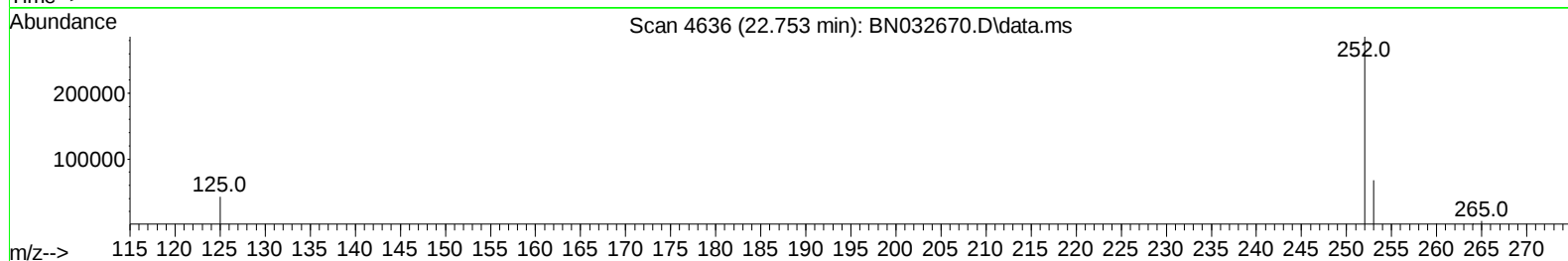
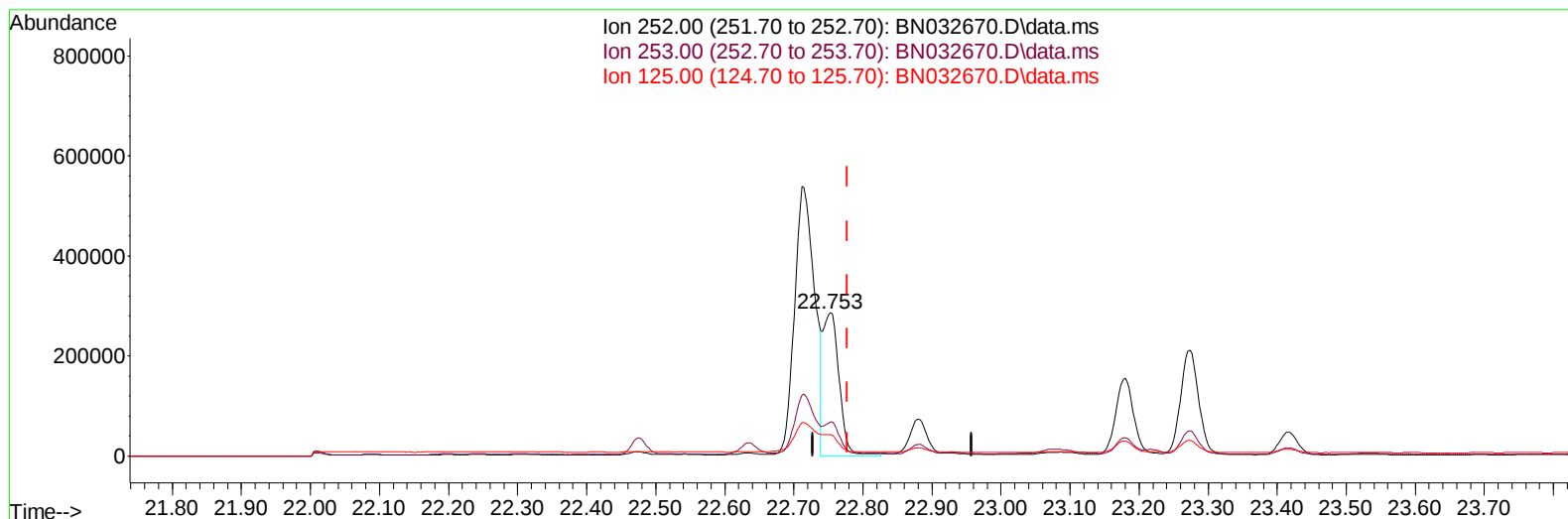
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual IntegrationsAPPROVED

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 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(25) Benzo(k)fluoranthene

22.753min (-0.025) 5.53 ng/u1 m

response 472820

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.69
125.00	18.50	14.93
0.00	0.00	0.00

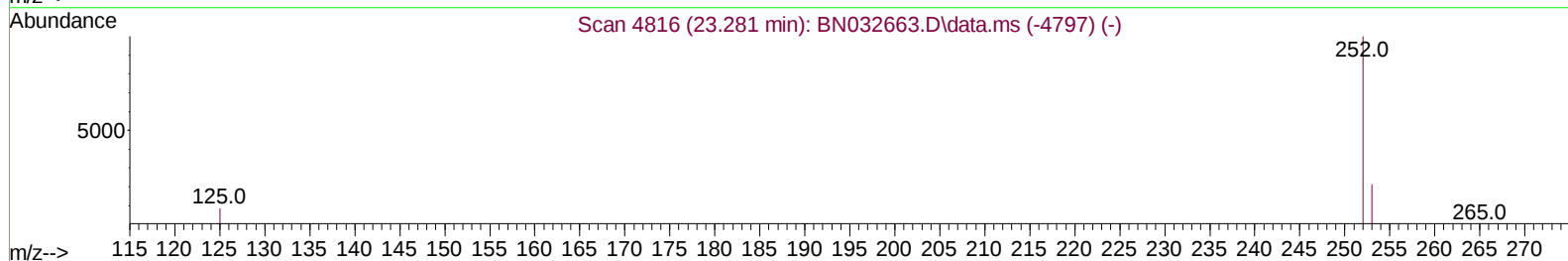
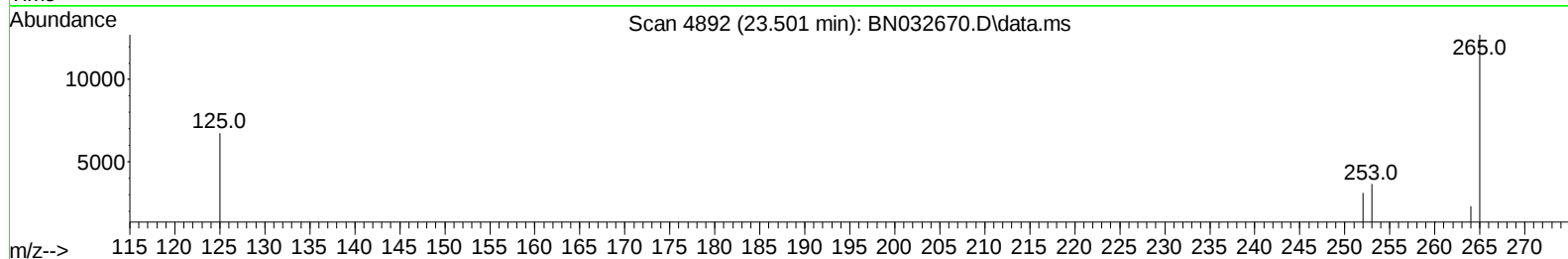
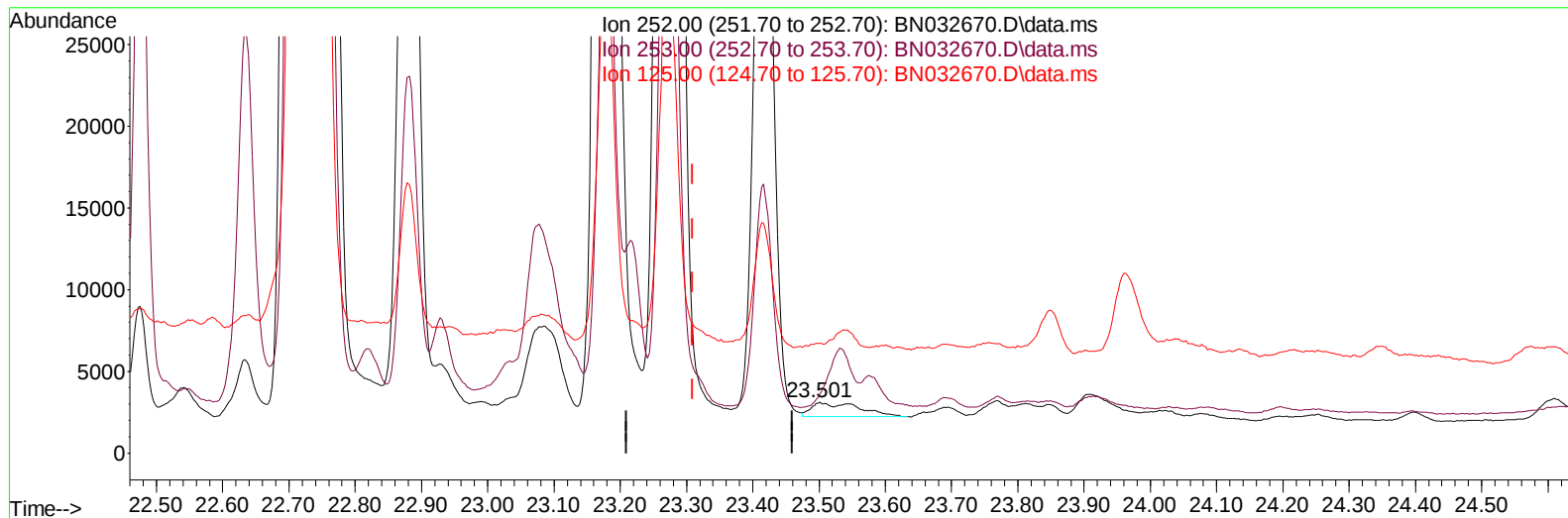
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032670.D\data.ms

(26) Benzo(a)pyrene (C)

23.501min (+ 0.192) 0.07 ng/u1

response 4366

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	116.47#
125.00	25.70	215.93#
0.00	0.00	0.00

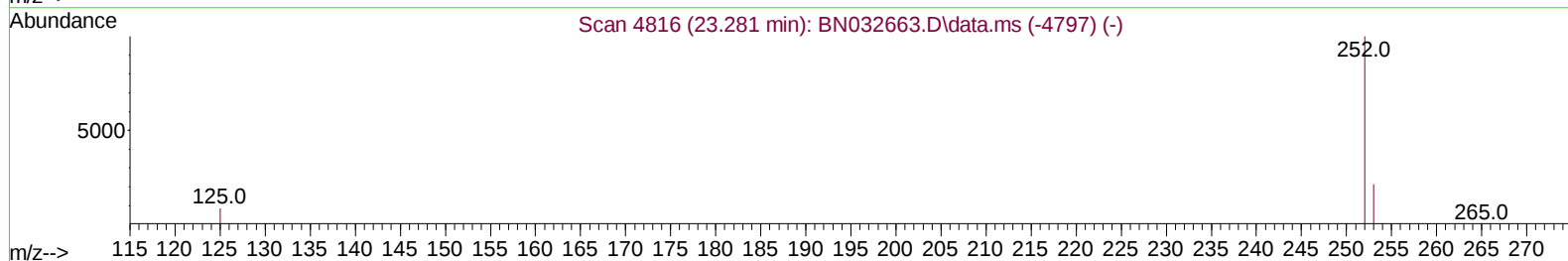
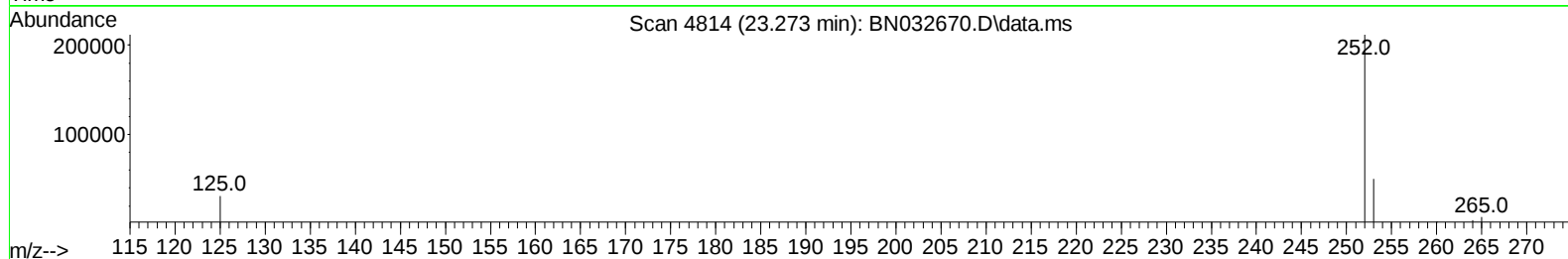
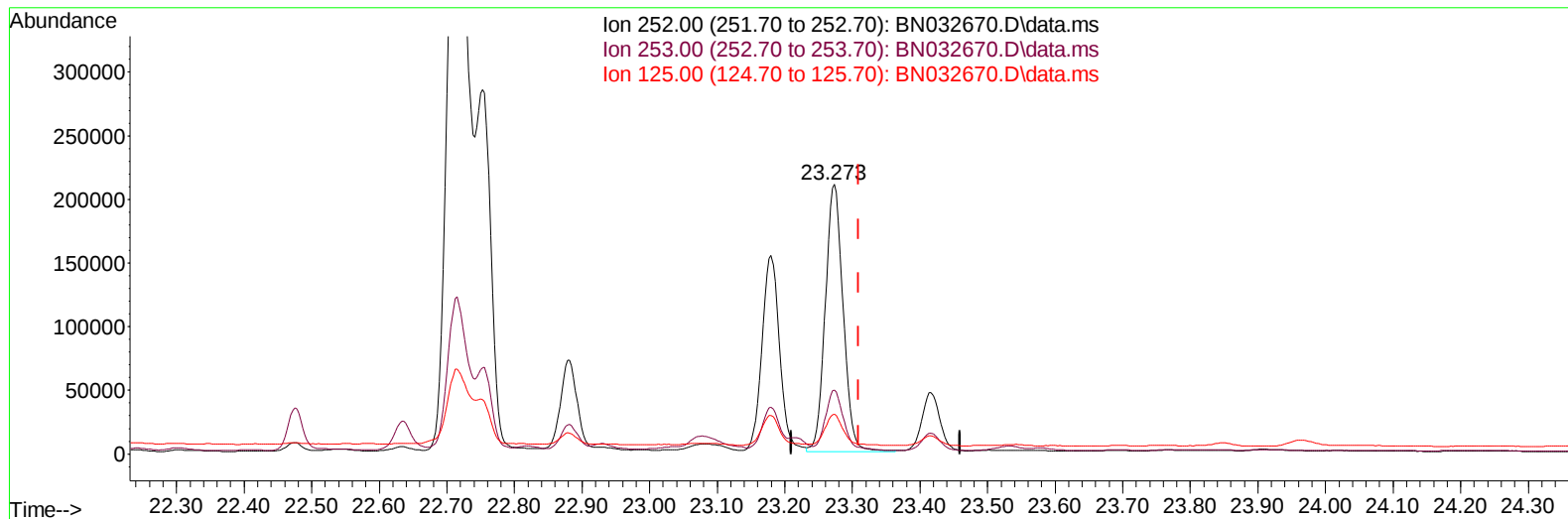
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

(26) Benzo(a)pyrene (C)

23.273min (-0.037) 6.35 ng/u1 m

response 385833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.63#
125.00	25.70	14.70#
0.00	0.00	0.00

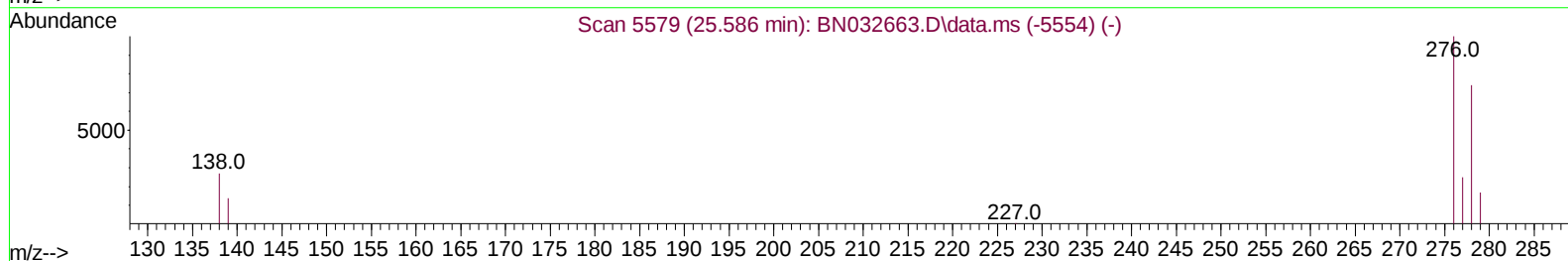
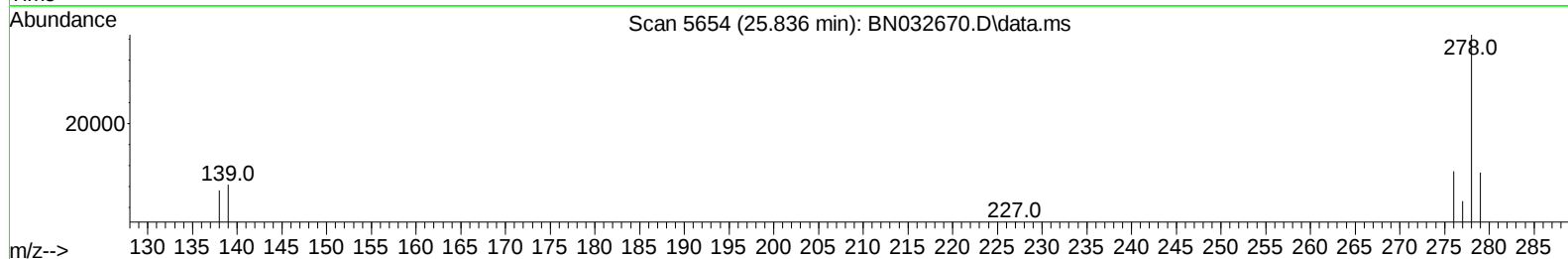
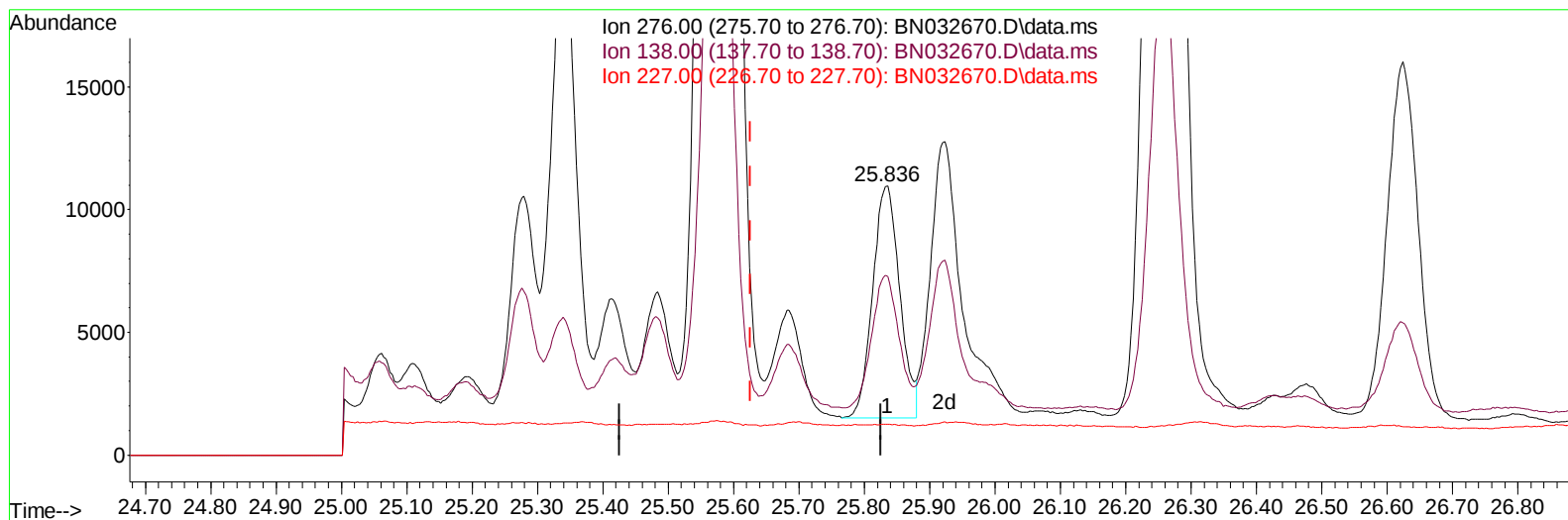
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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 QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

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

25.836min (+ 0.210) 0.33 ng/u1

response 27268

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	56.89#
227.00	0.00	0.29#
0.00	0.00	0.00

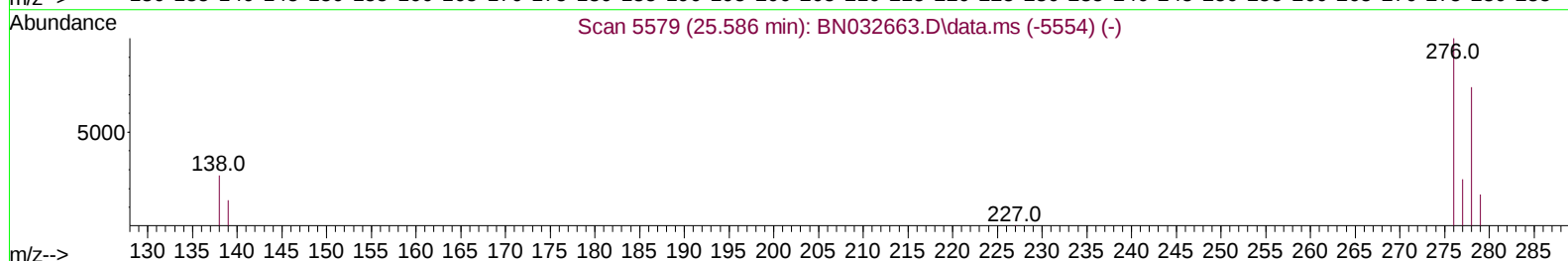
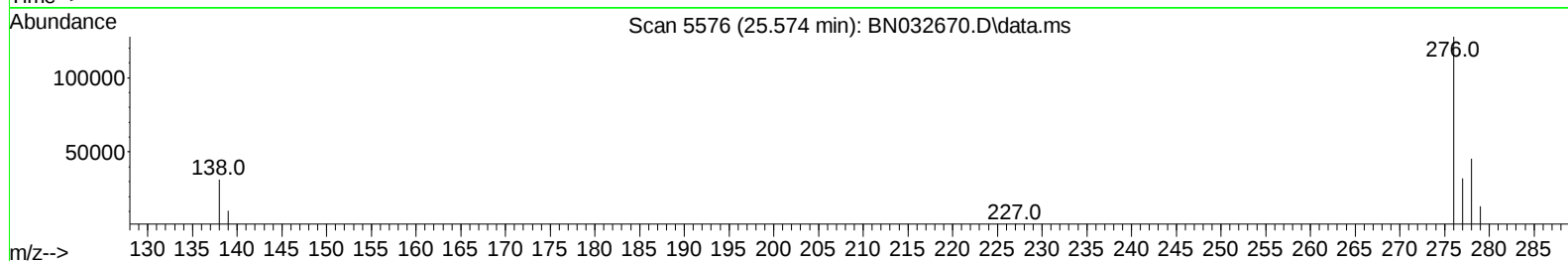
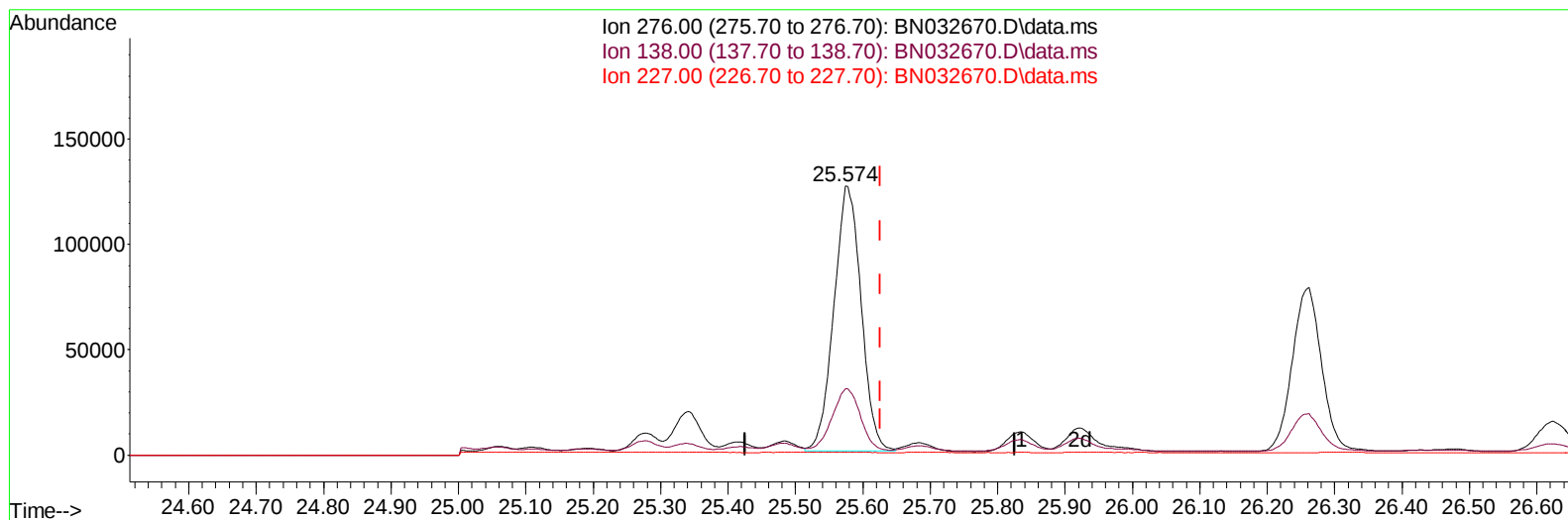
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BN032670.D\data.ms

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

25.574min (-0.052) 4.29 ng/u1 m

response 353148

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.39#
227.00	0.00	0.02#
0.00	0.00	0.00

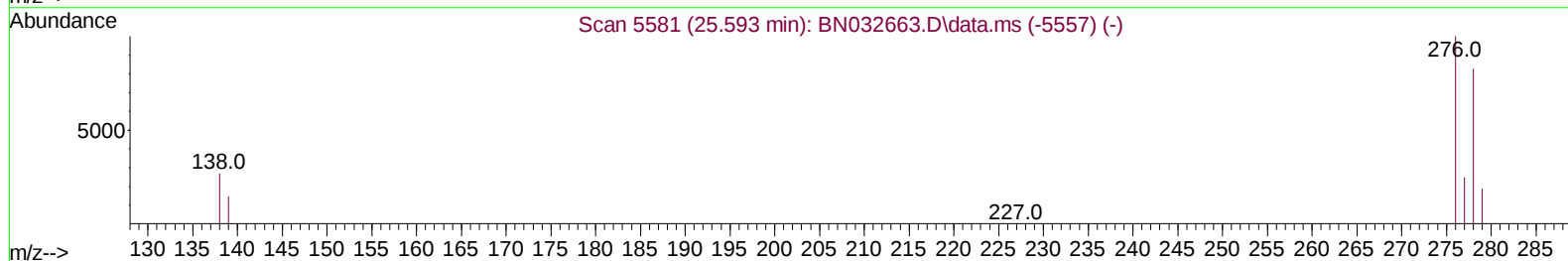
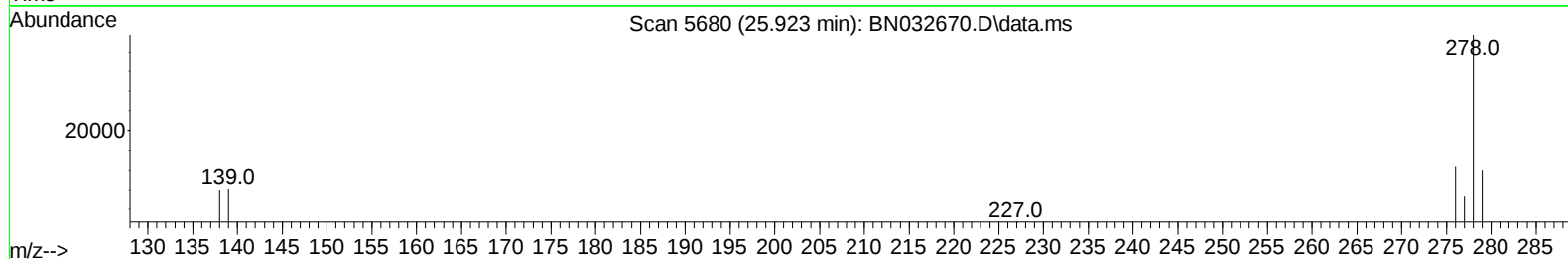
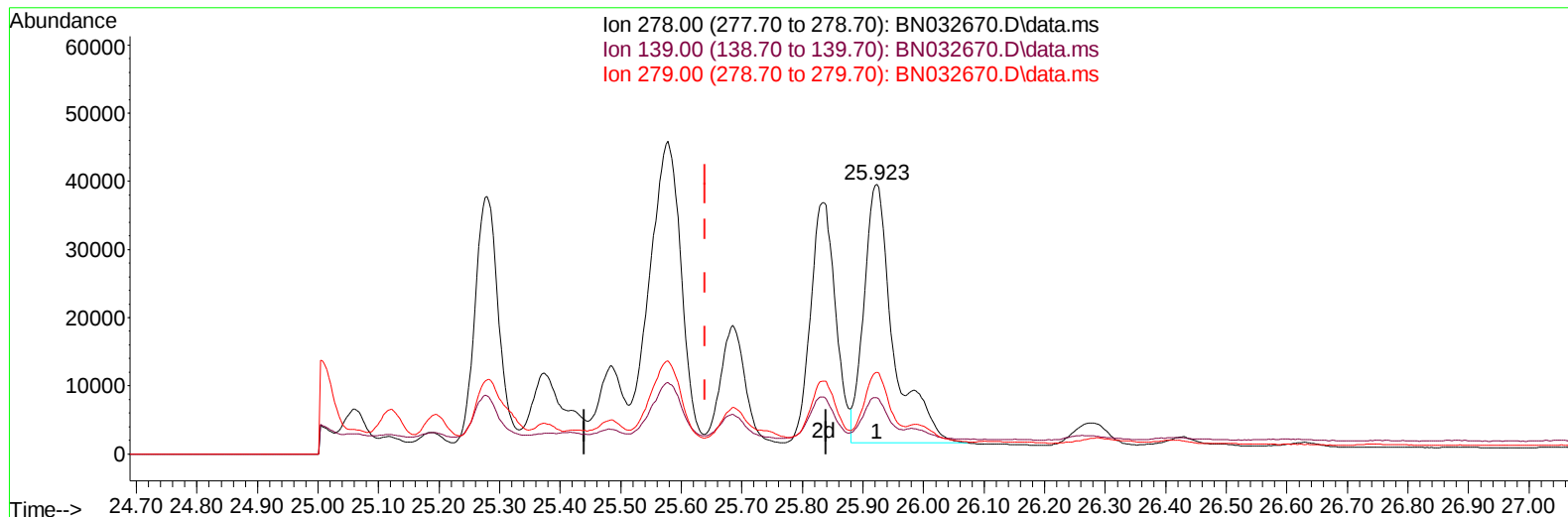
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

(28) Dibenzo(a,h)anthracene

25.923min (+ 0.284) 2.03 ng/u1

response 129369

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	20.92
279.00	29.60	30.27
0.00	0.00	0.00

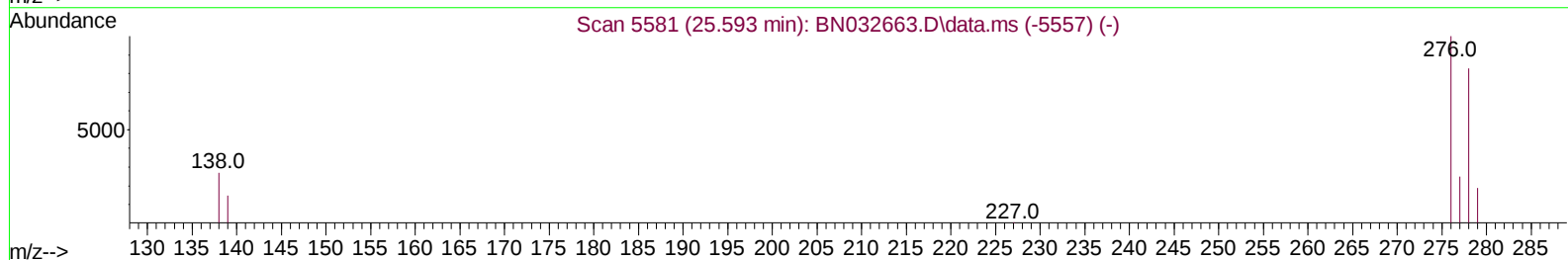
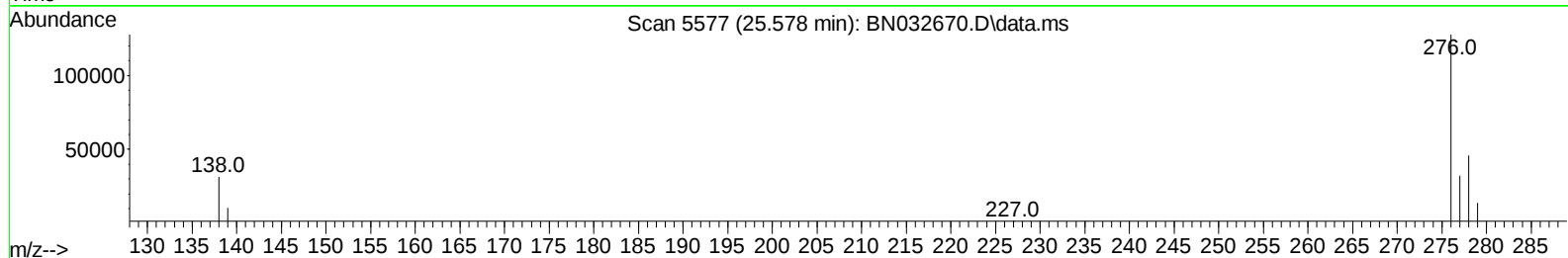
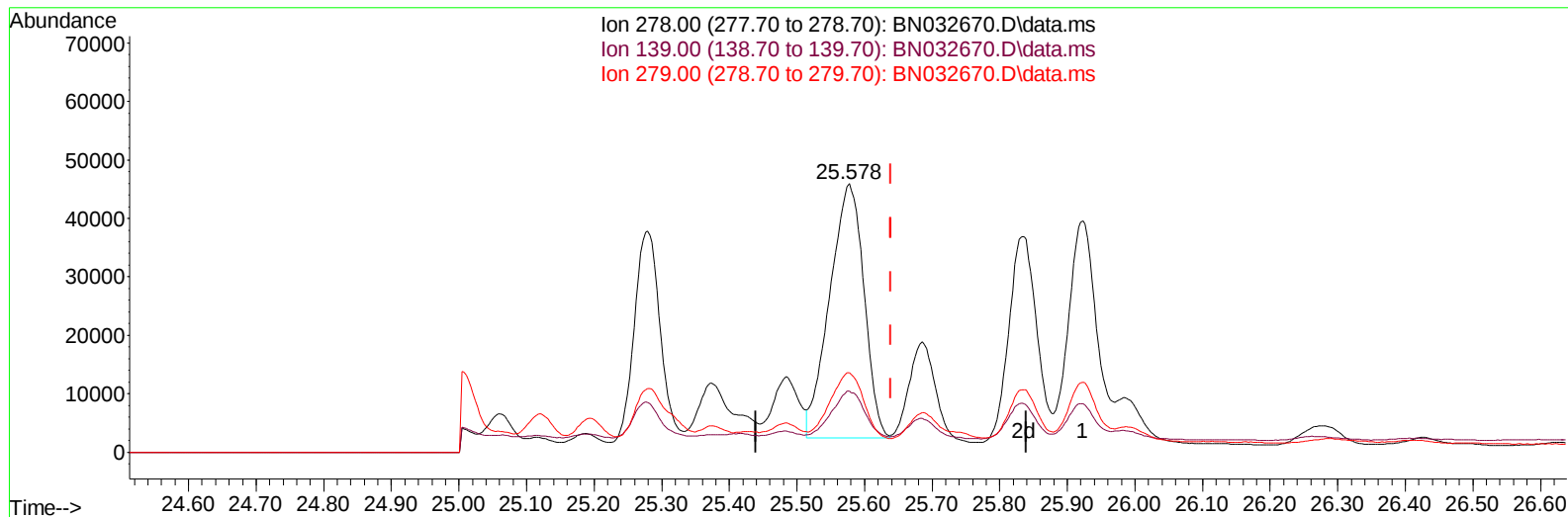
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
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TIC: BN032670.D\data.ms

(28) Dibenzo(a,h)anthracene

25.578min (-0.062) 2.40 ng/u1 m

response 153036

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.79
279.00	29.60	29.72
0.00	0.00	0.00

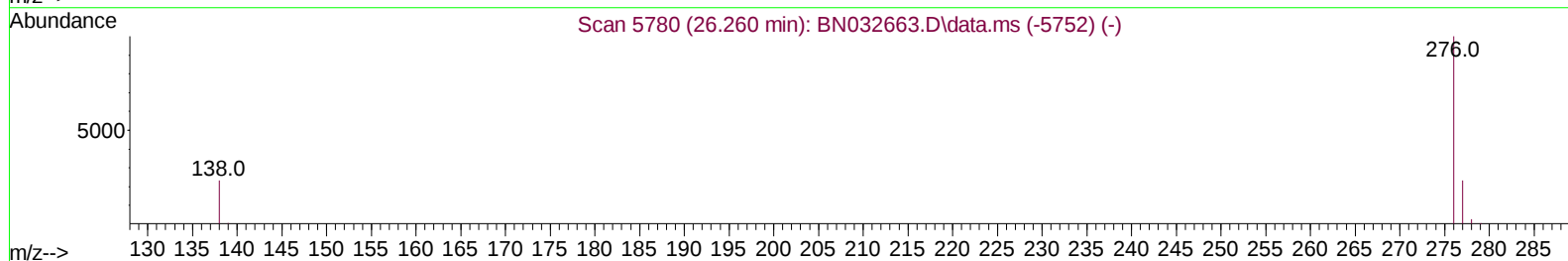
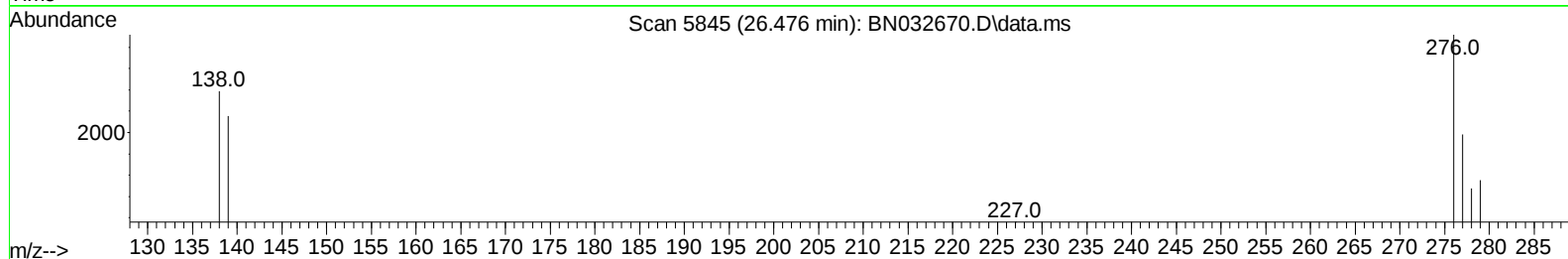
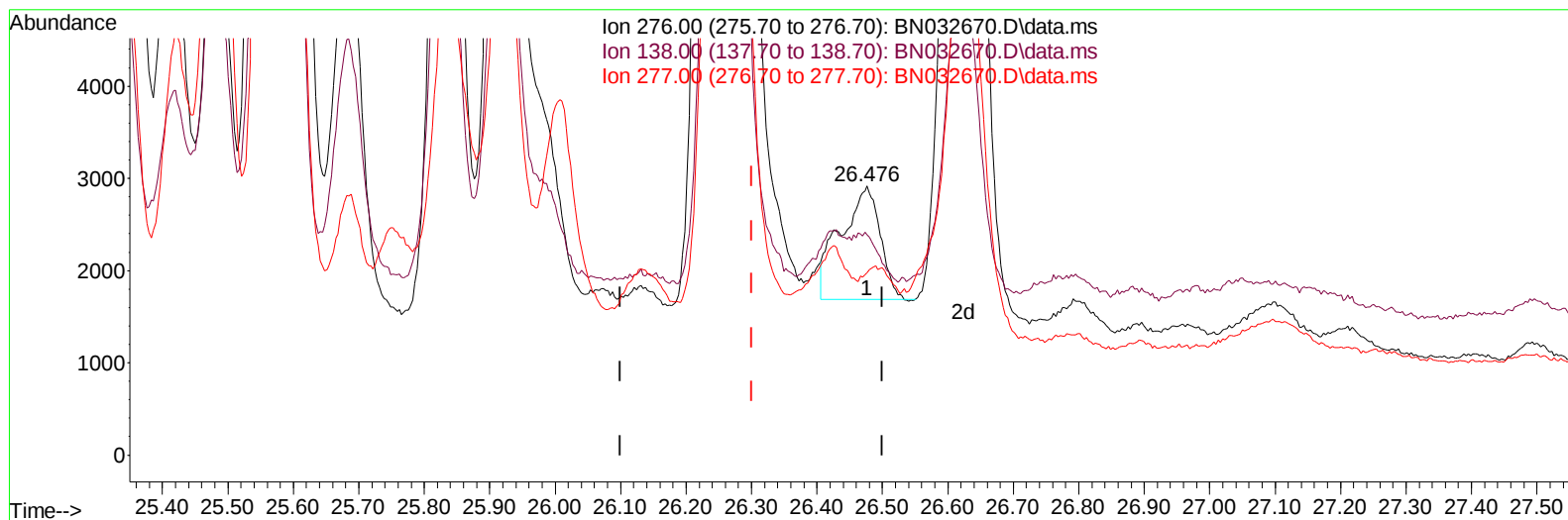
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:53:59 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: BN032670.D\data.ms

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

26.476min (+ 0.176) 0.07 ng/u1

response 5135

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	81.86#
277.00	25.80	67.87#
0.00	0.00	0.00

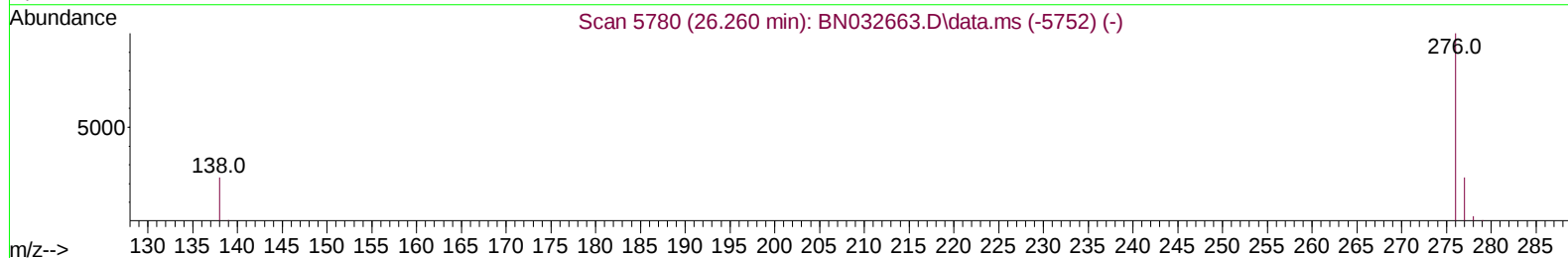
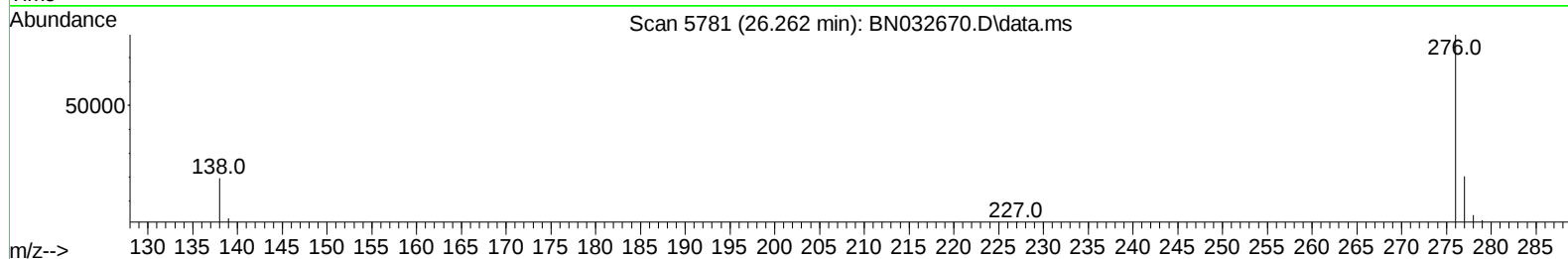
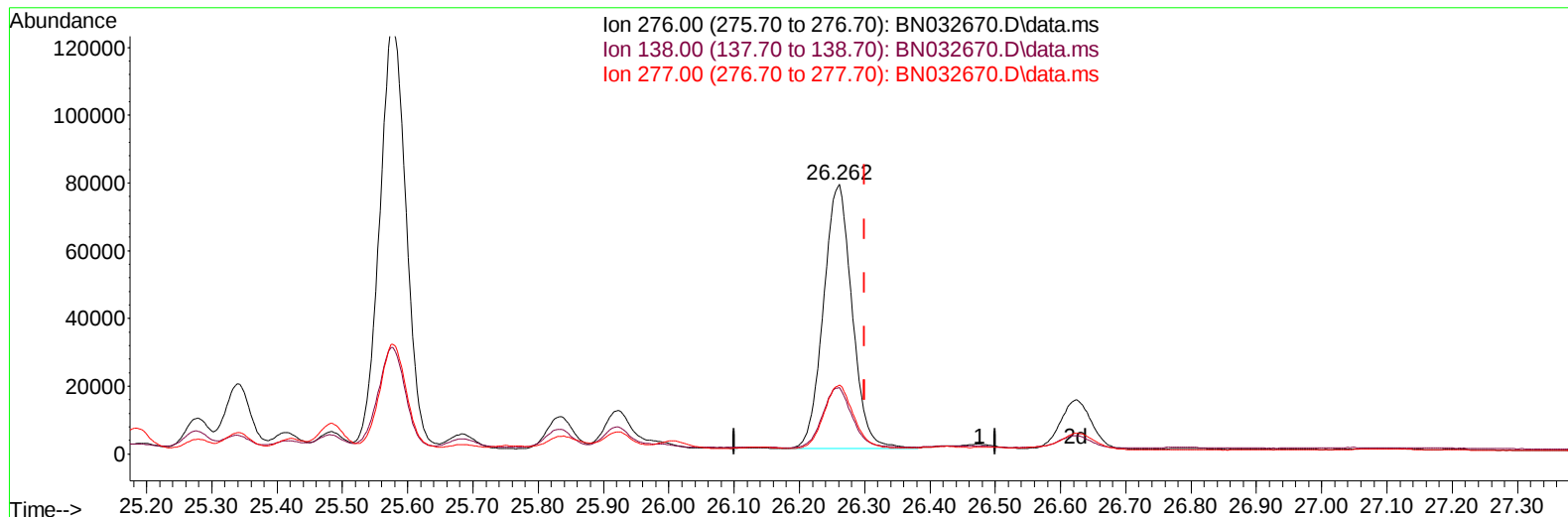
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
Sample : P3088-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032670.D\data.ms

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

26.262min (-0.038) 3.46 ng/u1 m

response 237760

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	24.66
277.00	25.80	25.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 13:53:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	5366	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.325	136	15537	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.201	164	8998	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188	18732m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.172	240	15088m	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	19890m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	16610	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	4804	0.205	ng/ul	-0.05
18) Fluoranthene-d10	18.997	212	11849m	0.241	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.369	128	21978	0.527	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	11535	0.443	ng/ul	97
8) 1-Methylnaphthalene	12.223	142	8360	0.310	ng/ul	100
10) Acenaphthylene	13.923	152	56870	1.564	ng/ul	99
11) Acenaphthene	14.265	153	23922	0.796	ng/ul	99
12) Fluorene	15.260	166	29803	0.867	ng/ul	98
14) Pentachlorophenol	16.630	266	373m	0.113	ng/ul	
15) Phenanthrene	16.998	178	663473m	13.005	ng/ul	
16) Anthracene	17.090	178	145334m	3.487	ng/ul	
19) Fluoranthene	19.030	202	1530426m	24.948	ng/ul	
20) Pyrene	19.397	202	832961m	13.118	ng/ul	
21) Benzo(a)anthracene	21.154	228	737840m	15.363	ng/ul	
22) Chrysene	21.207	228	802207m	11.546	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	1084941m	15.460	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	472820m	5.528	ng/ul	
26) Benzo(a)pyrene	23.273	252	385833m	6.353	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.574	276	353148m	4.294	ng/ul	
28) Dibenzo(a,h)anthracene	25.578	278	153036m	2.401	ng/ul	
29) Benzo(g,h,i)perylene	26.262	276	237760m	3.459	ng/ul	

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