

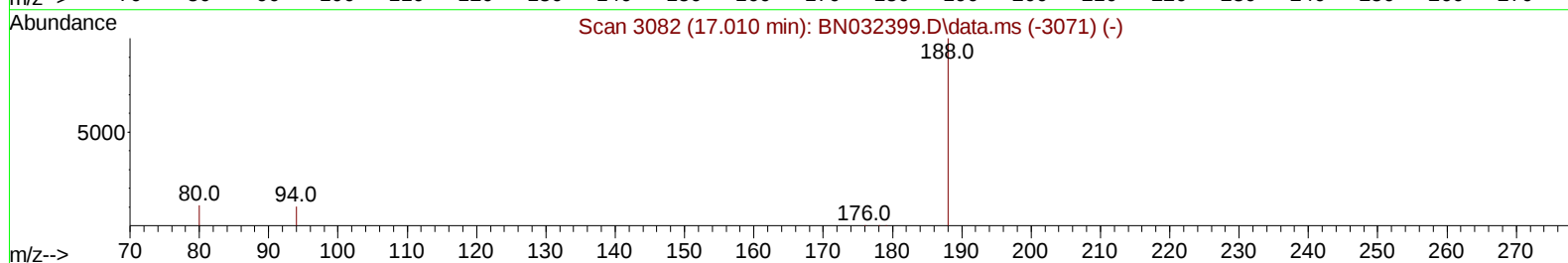
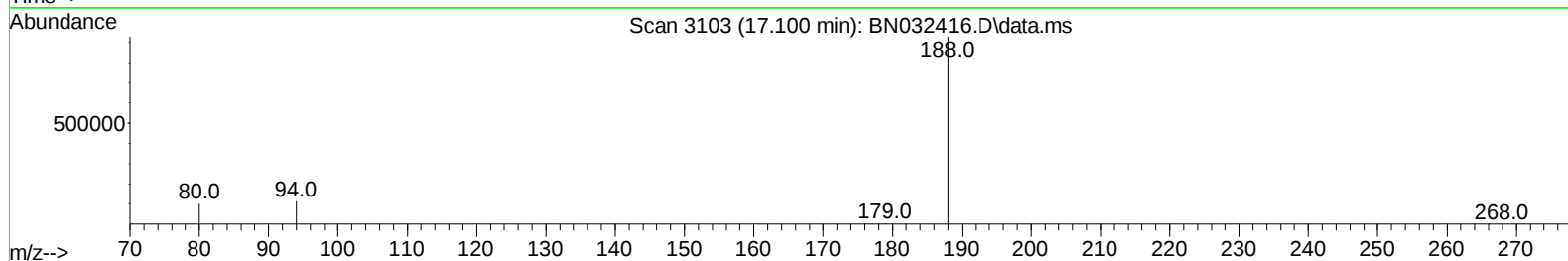
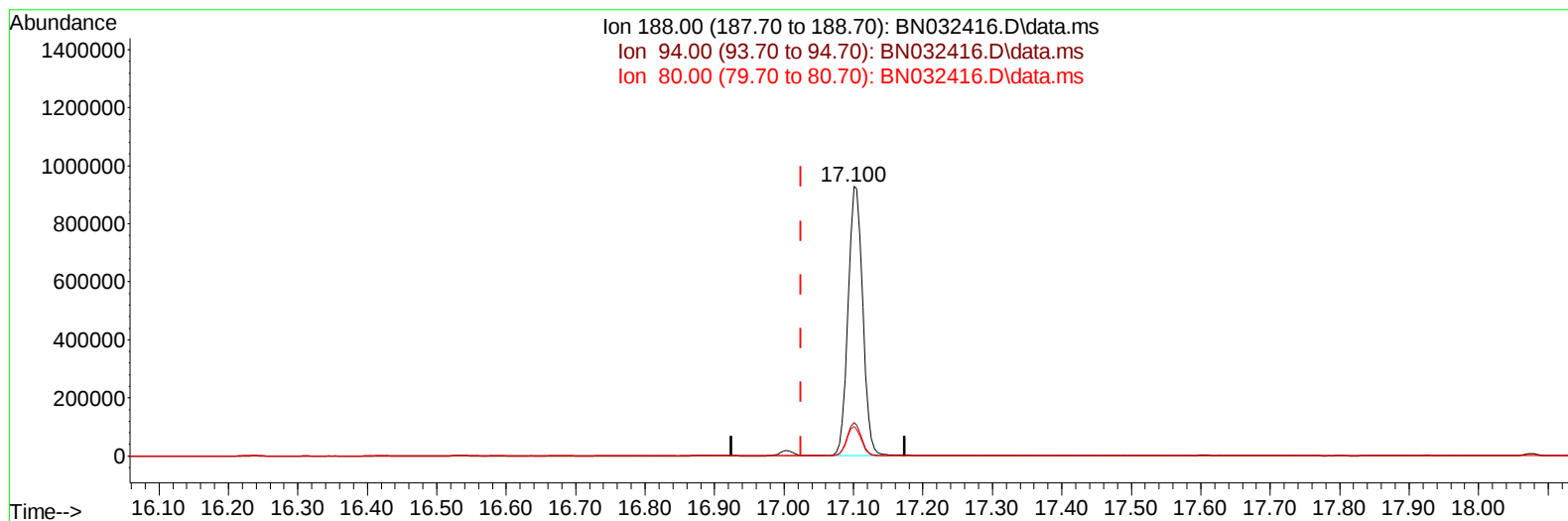
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.076) 0.40 ng/u1

response 1345925

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.34#
80.00	10.50	10.96
0.00	0.00	0.00

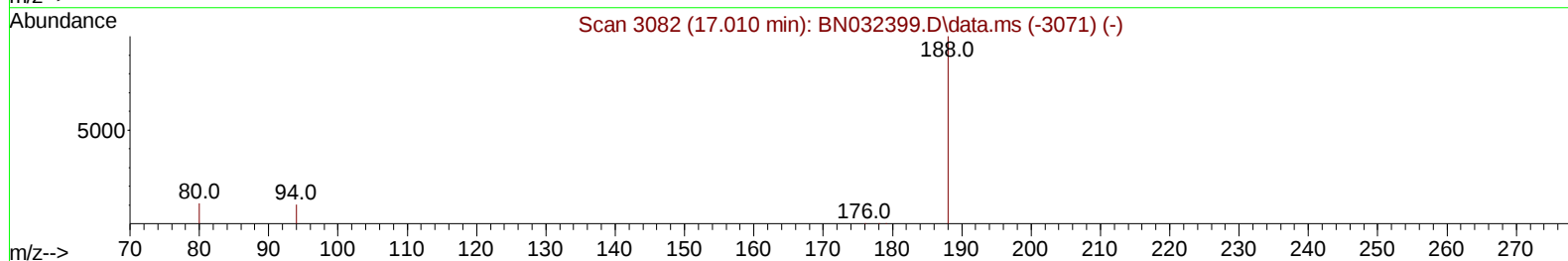
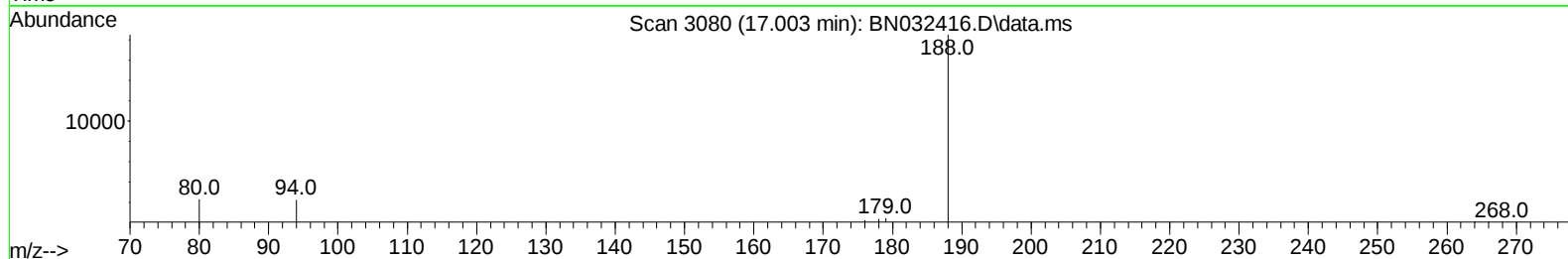
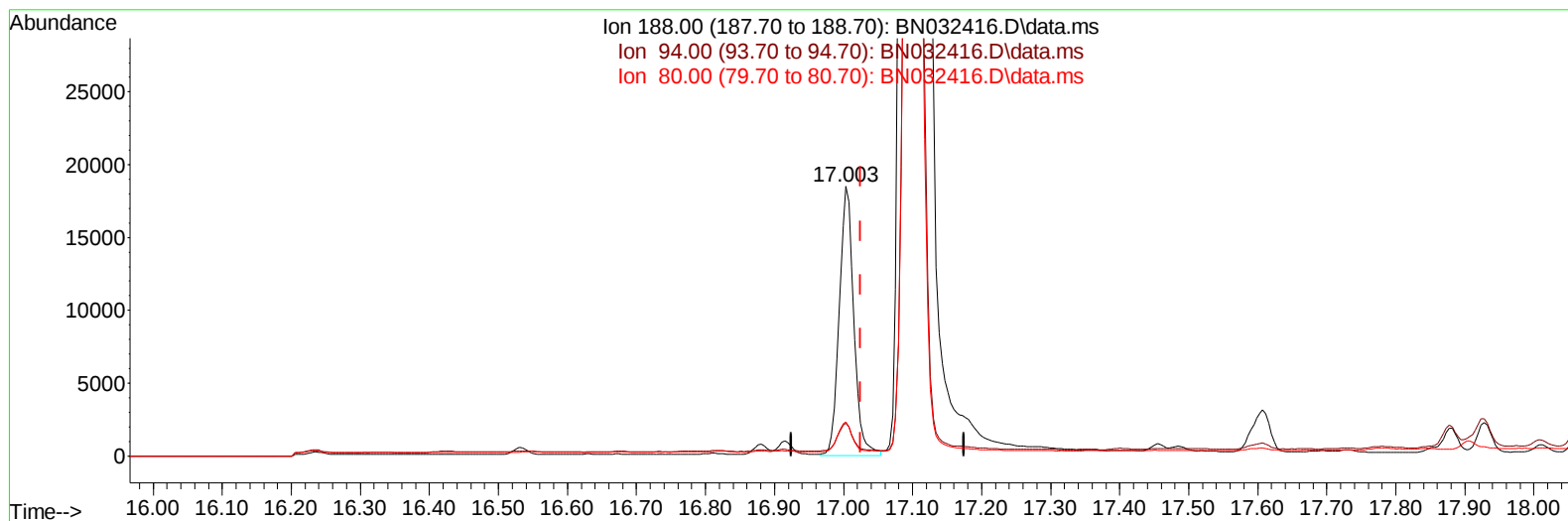
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.021) 0.40 ng/u1 m

response 27090

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.24
80.00	10.50	12.57
0.00	0.00	0.00

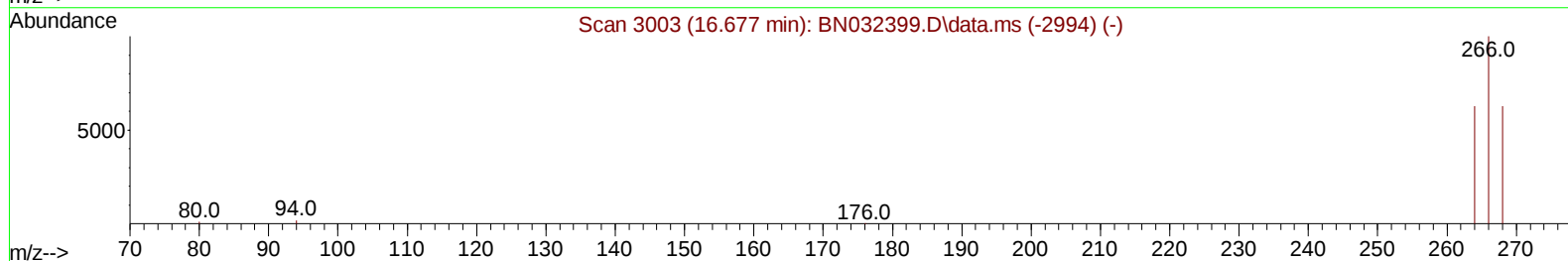
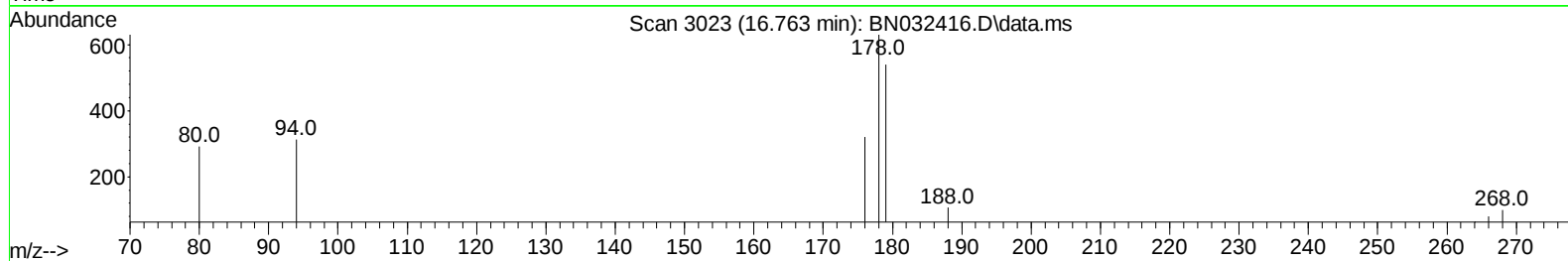
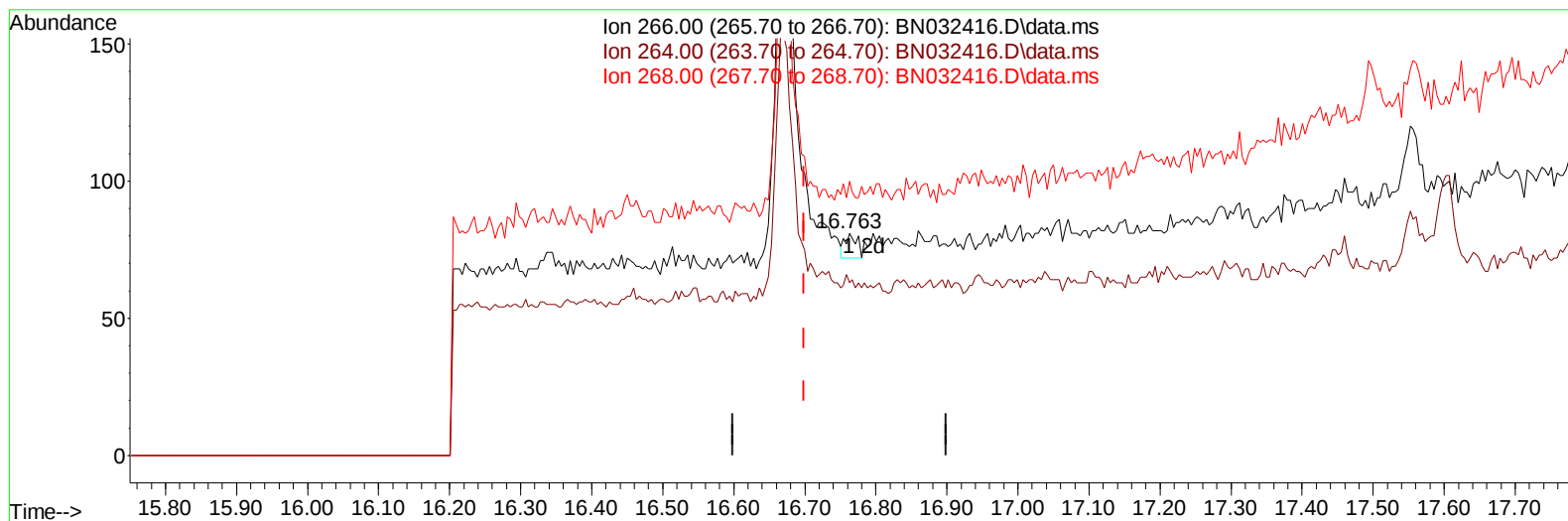
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(14) Pentachloropheno1

16.763min (+ 0.063) 0.00 ng/u1

response 10

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	40.00#
268.00	65.50	30.00#
0.00	0.00	0.00

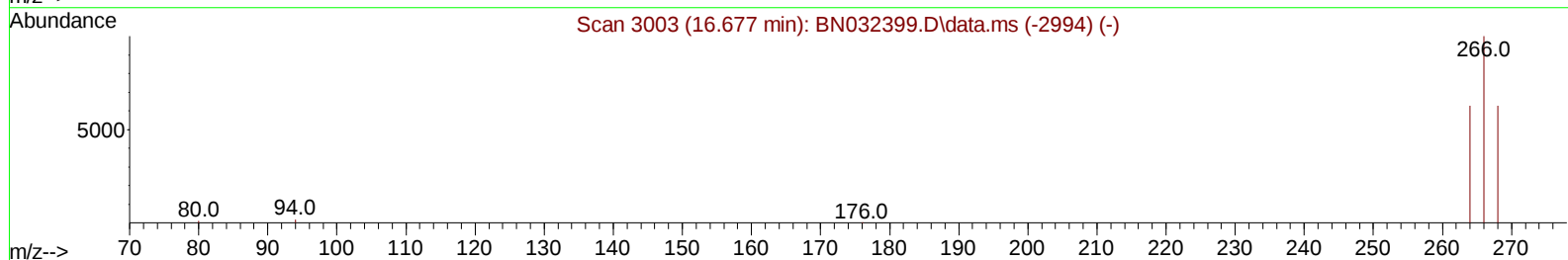
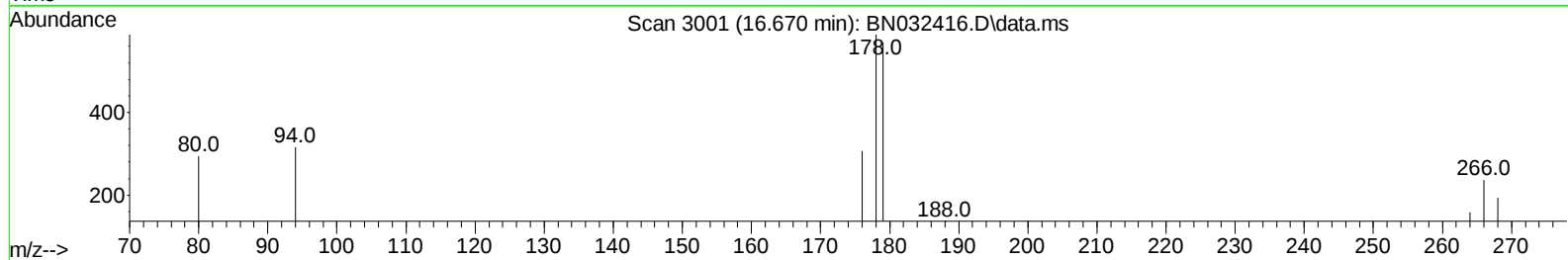
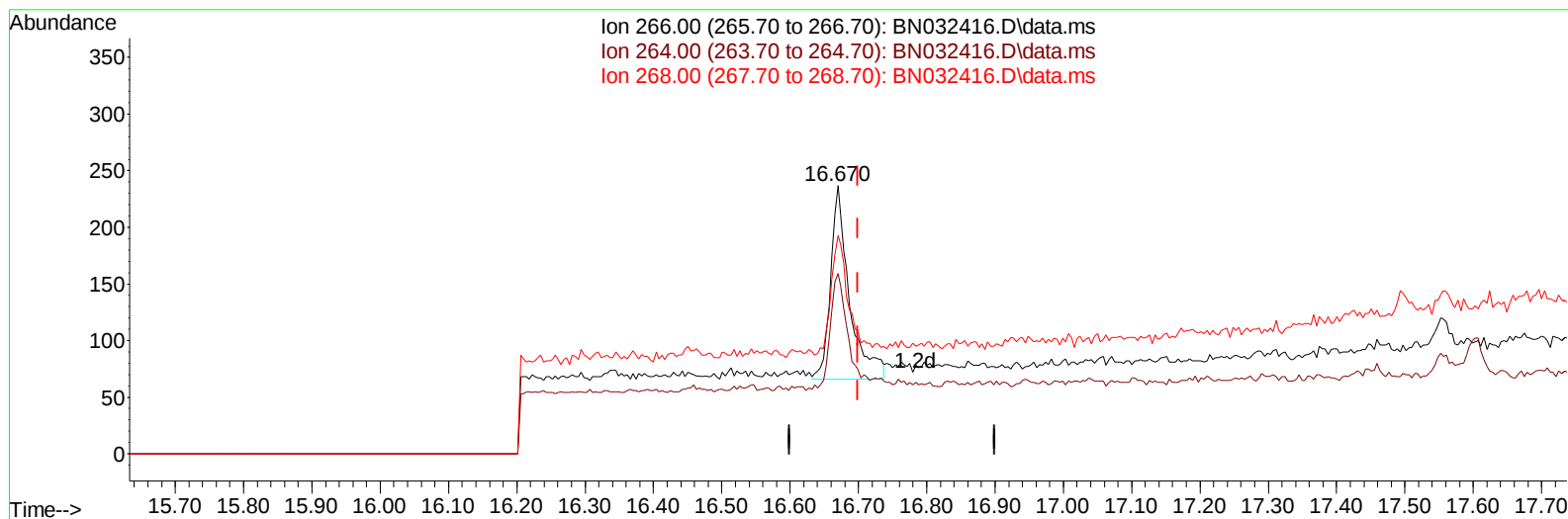
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(14) Pentachloropheno1

16.670min (-0.030) 0.05 ng/ul m

response 327

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	1.22#
268.00	65.50	0.92#
0.00	0.00	0.00

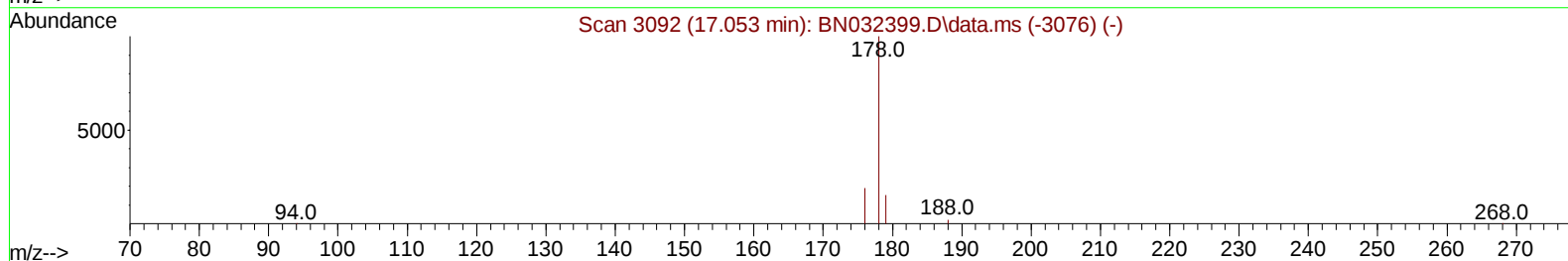
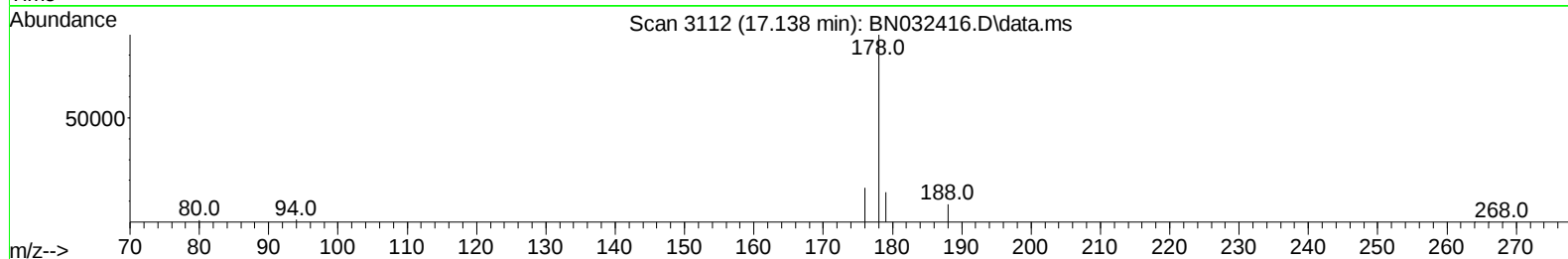
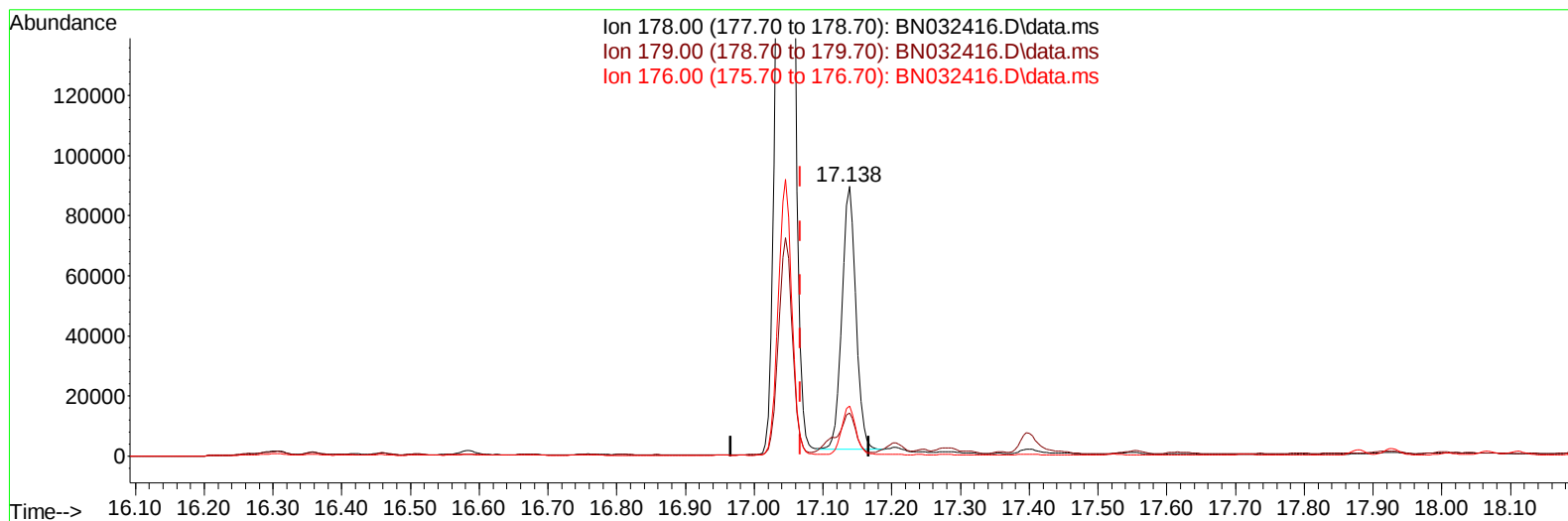
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032416.D\data.ms

(15) Phenanthrene

17.138min (+ 0.072) 1.66 ng/u1

response 123422

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.06
176.00	19.50	18.45
0.00	0.00	0.00

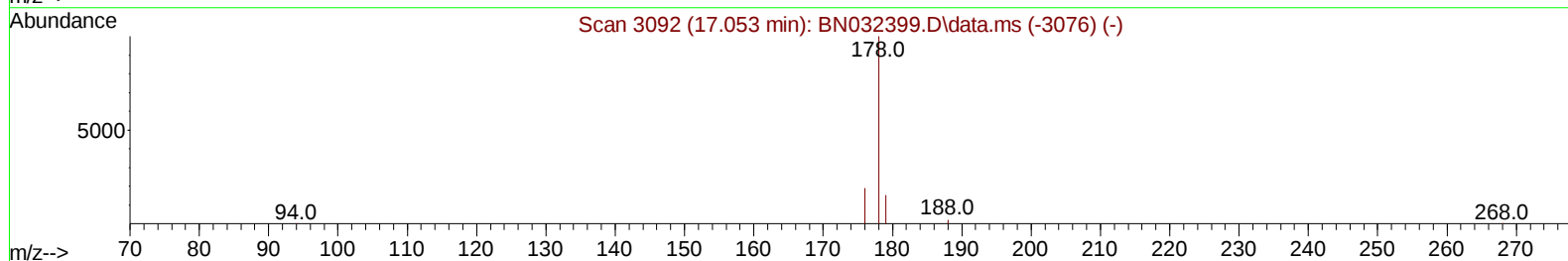
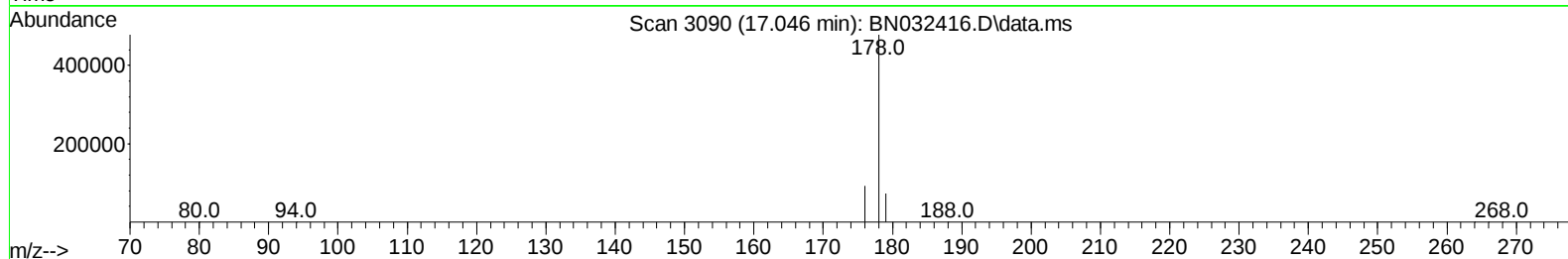
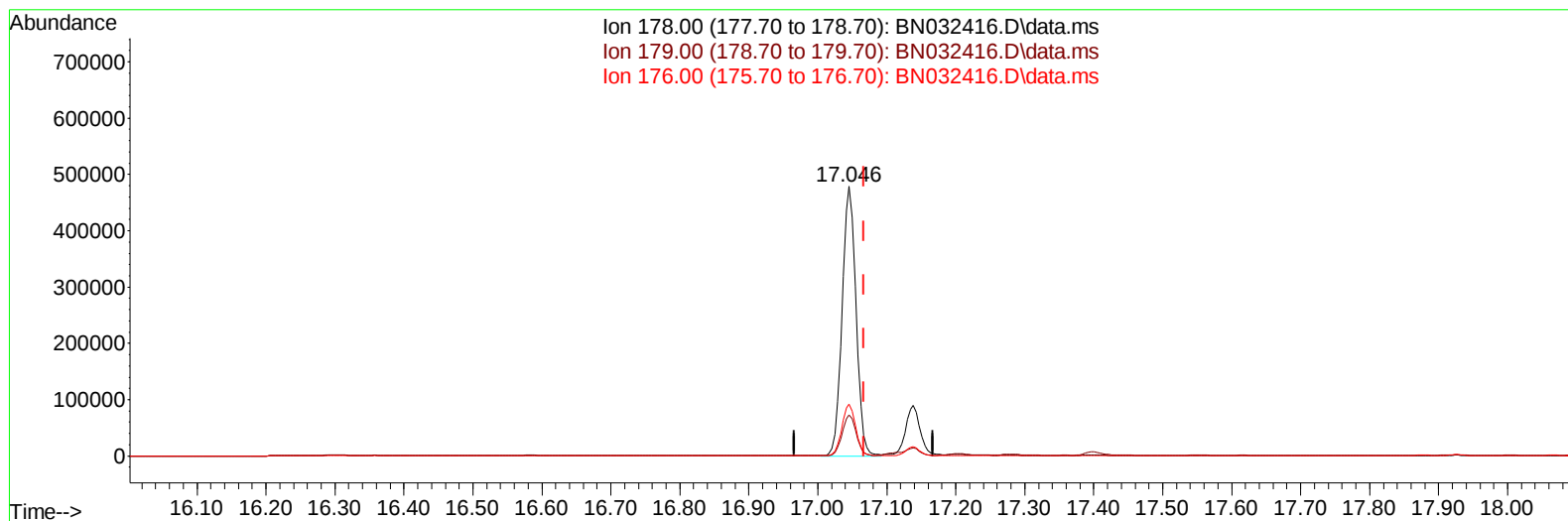
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(15) Phenanthrene

17.046min (-0.021) 9.01 ng/ul m

response 669122

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.20
176.00	19.50	19.27
0.00	0.00	0.00

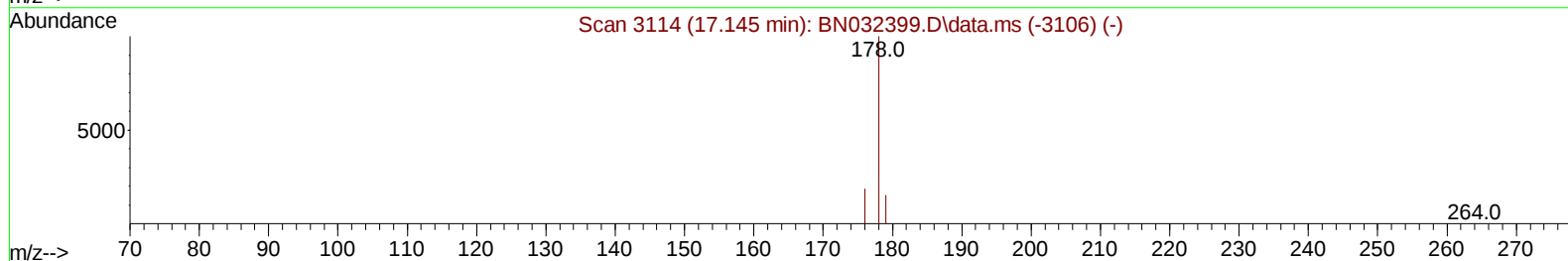
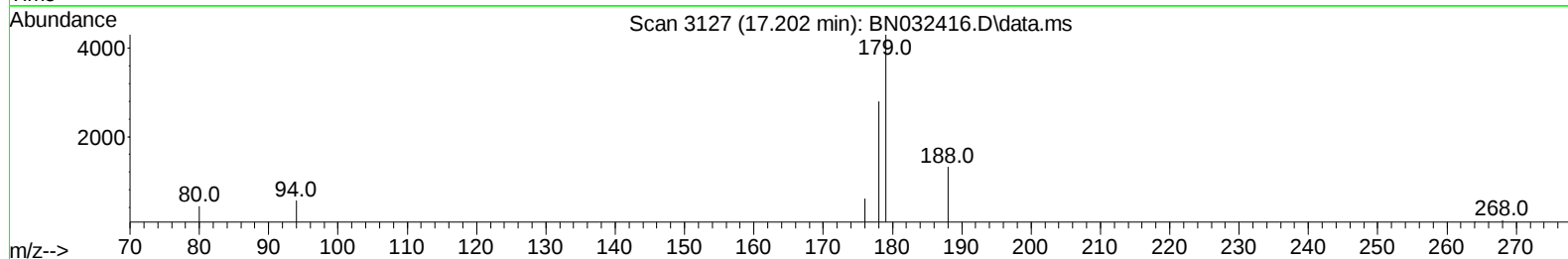
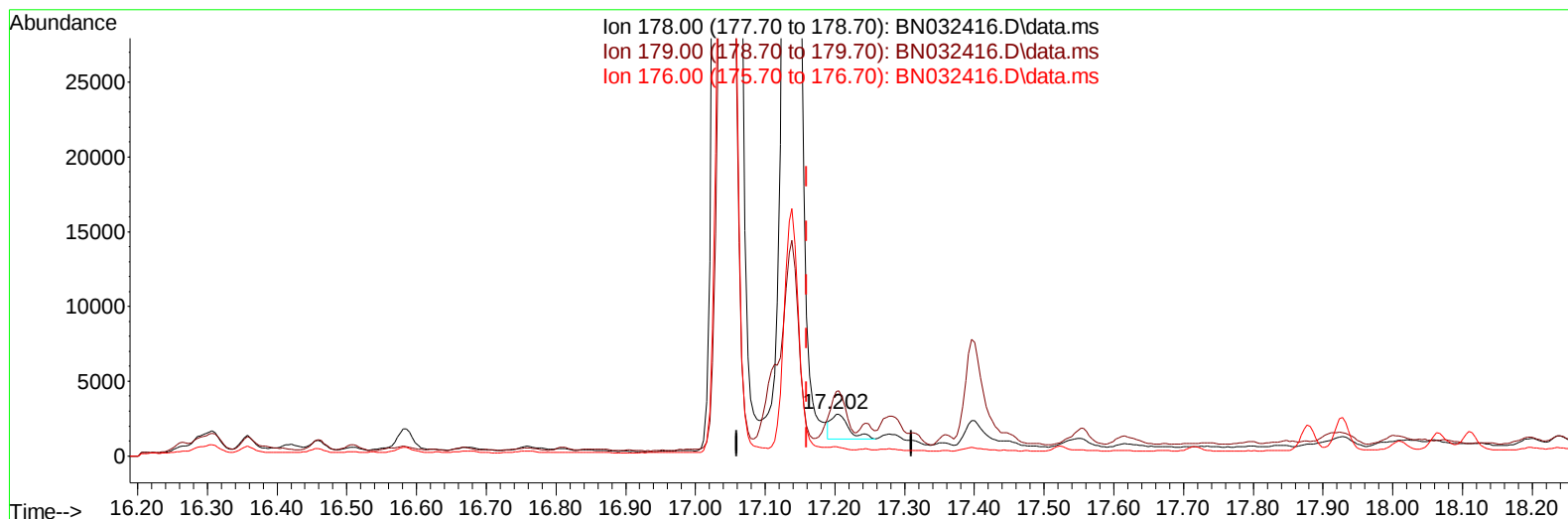
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(16) Anthracene

17.202min (+ 0.042) 0.05 ng/u1

response 3023

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	153.97#
176.00	18.80	21.66
0.00	0.00	0.00

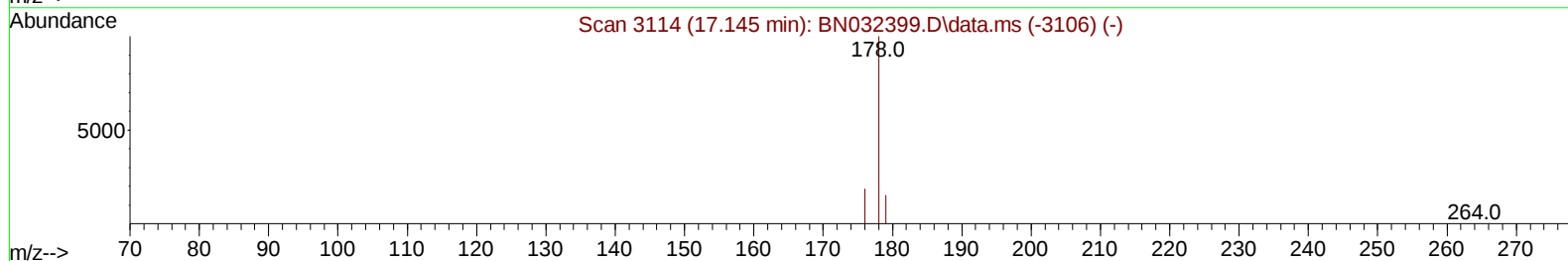
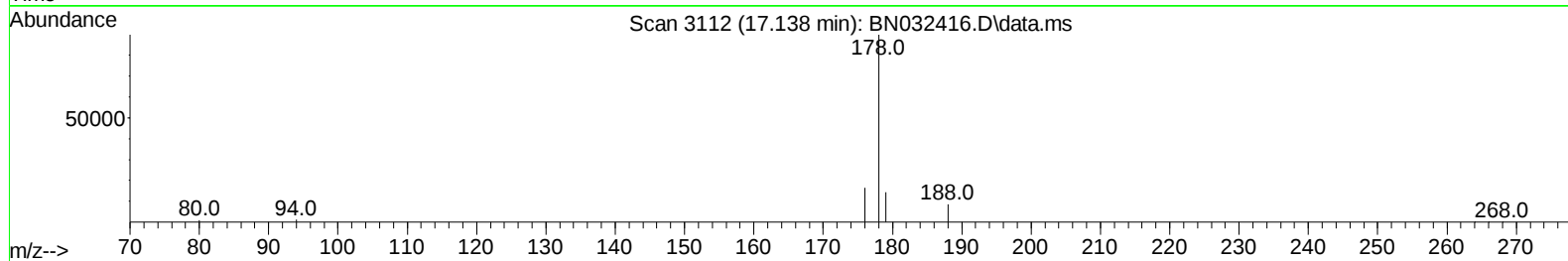
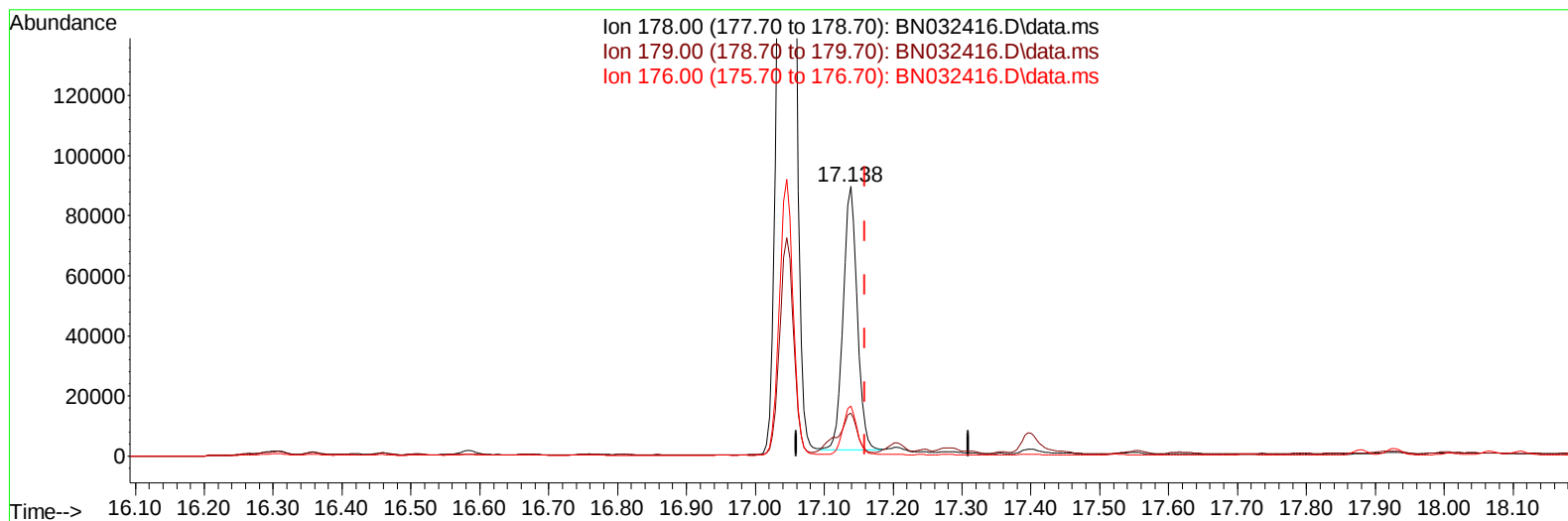
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(16) Anthracene

17.138min (-0.021) 1.88 ng/ul m

response 124855

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.06
176.00	18.80	18.45
0.00	0.00	0.00

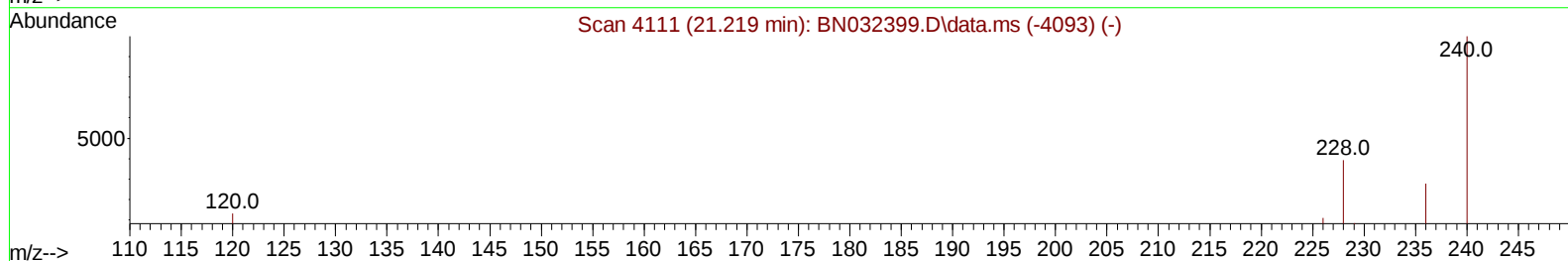
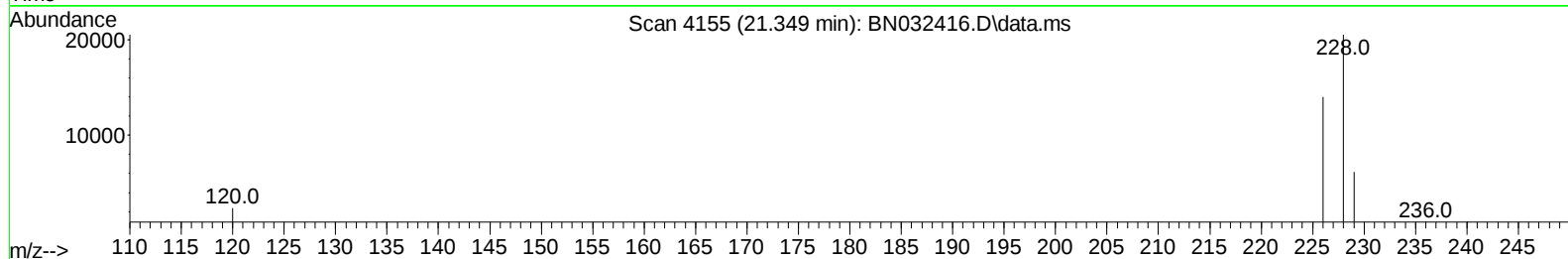
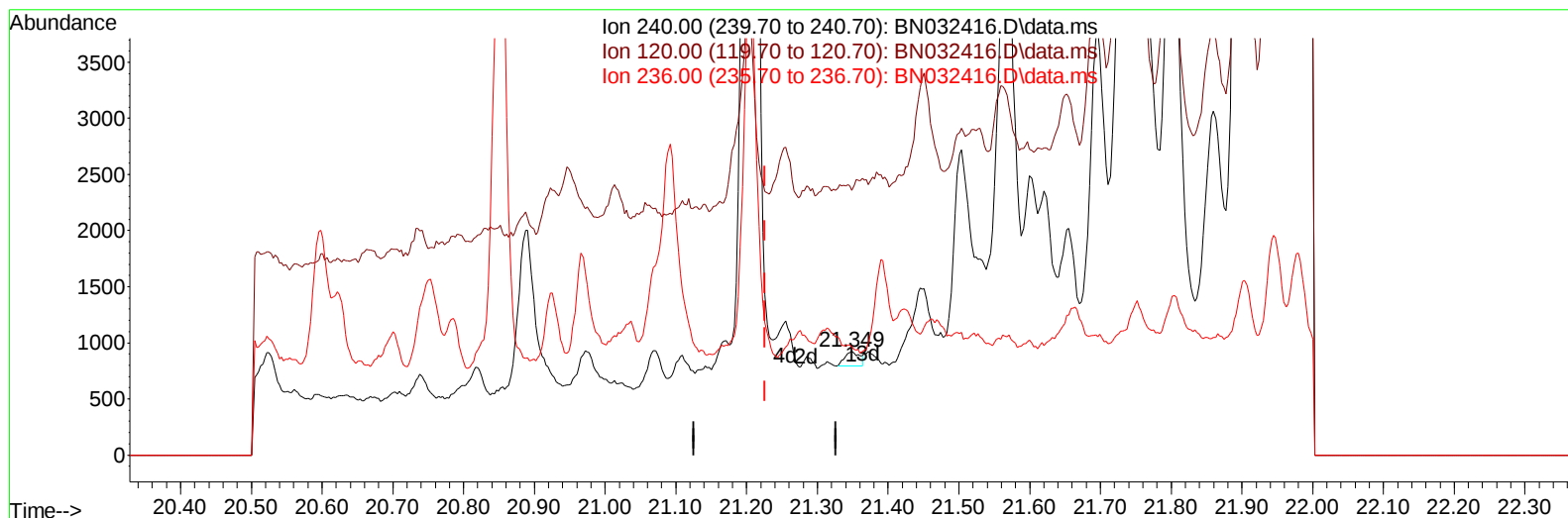
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032416.D\data.ms

(17) Chrysene-d12

21.349min (+ 0.123) 0.40 ng/u1

response 191

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	256.24#
236.00	28.40	104.78#
0.00	0.00	0.00

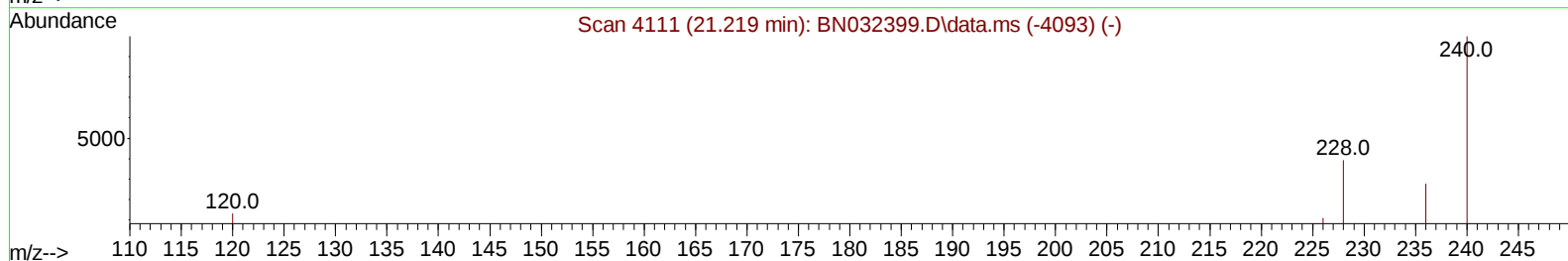
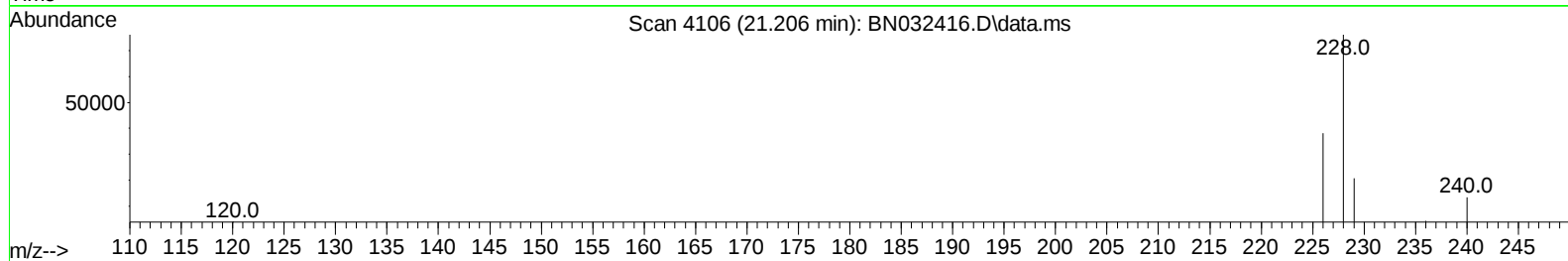
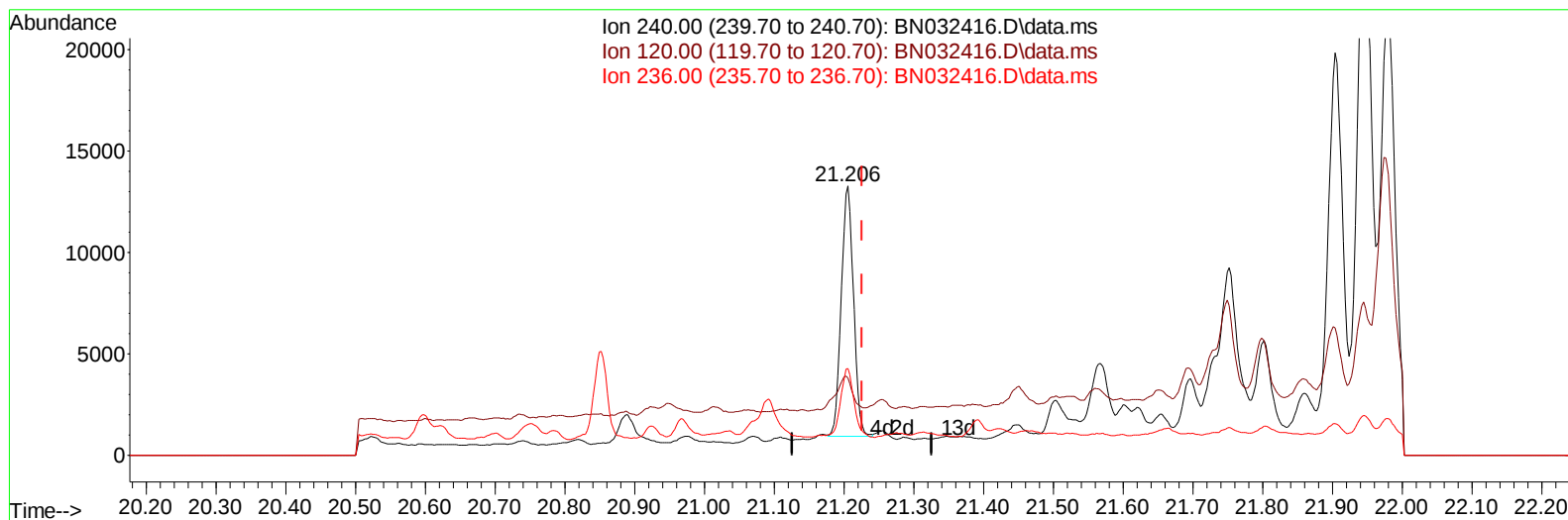
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(17) Chrysene-d12

21.206min (-0.021) 0.40 ng/ul m

response 15204

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	28.64#
236.00	28.40	32.22
0.00	0.00	0.00

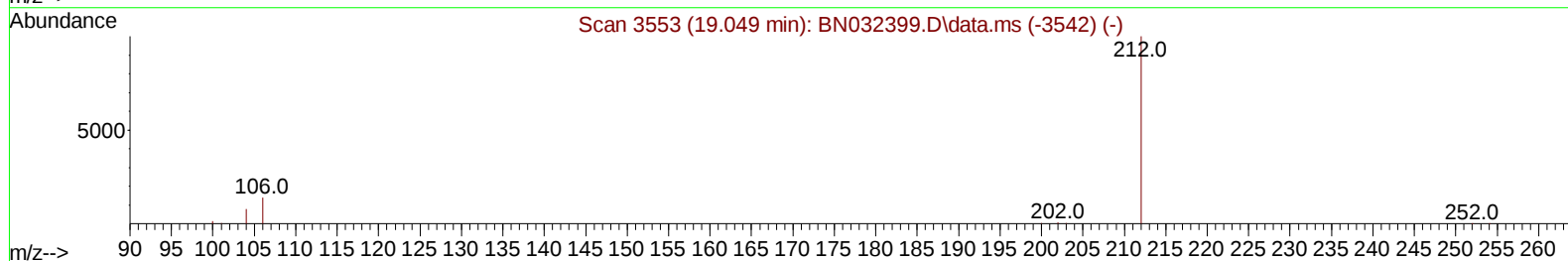
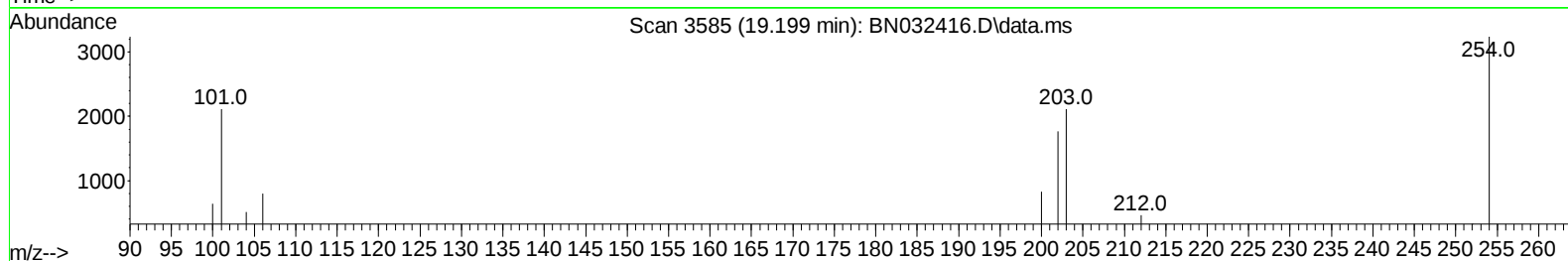
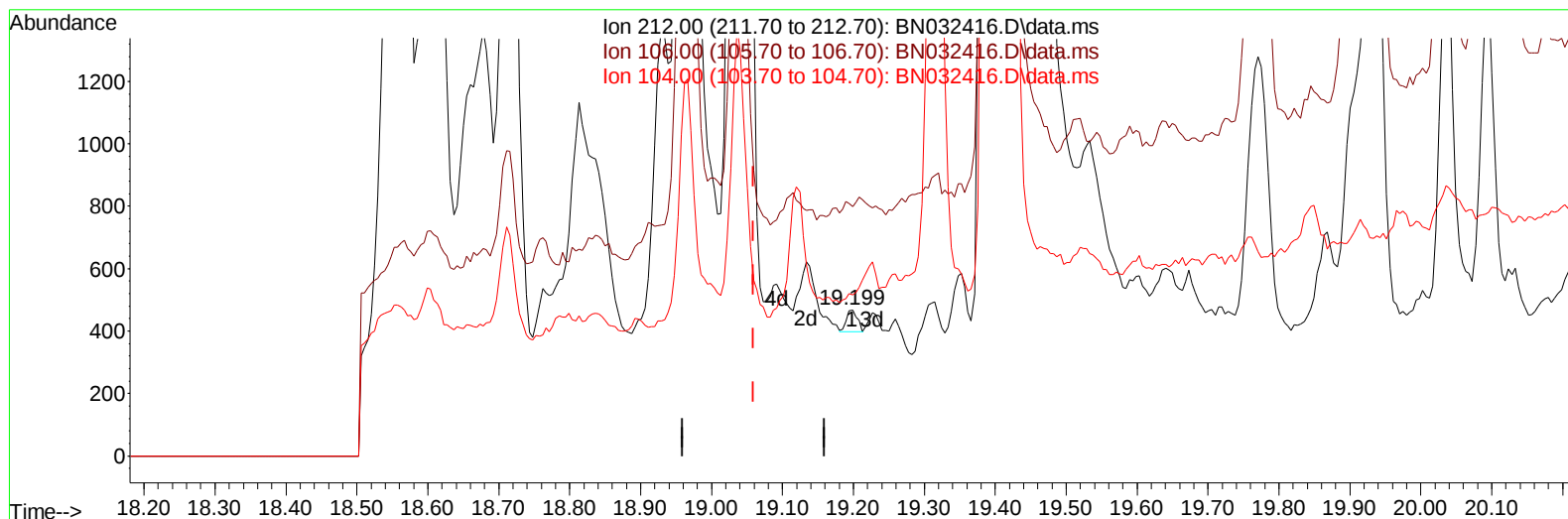
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.199min (+ 0.139) 0.00 ng/u1

response 71

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	66.20#
104.00	8.40	0.00#
0.00	0.00	0.00

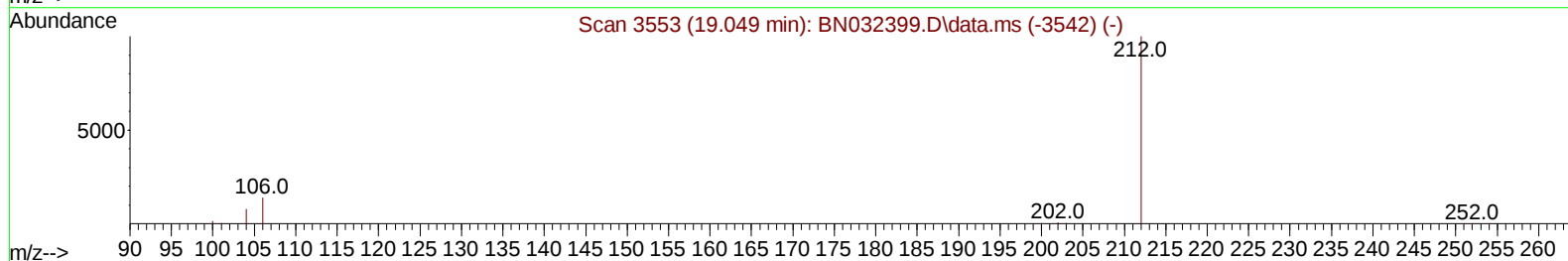
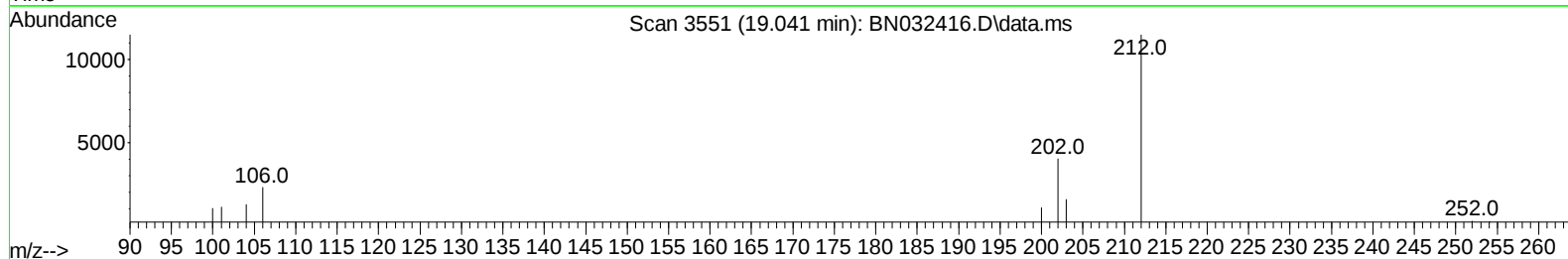
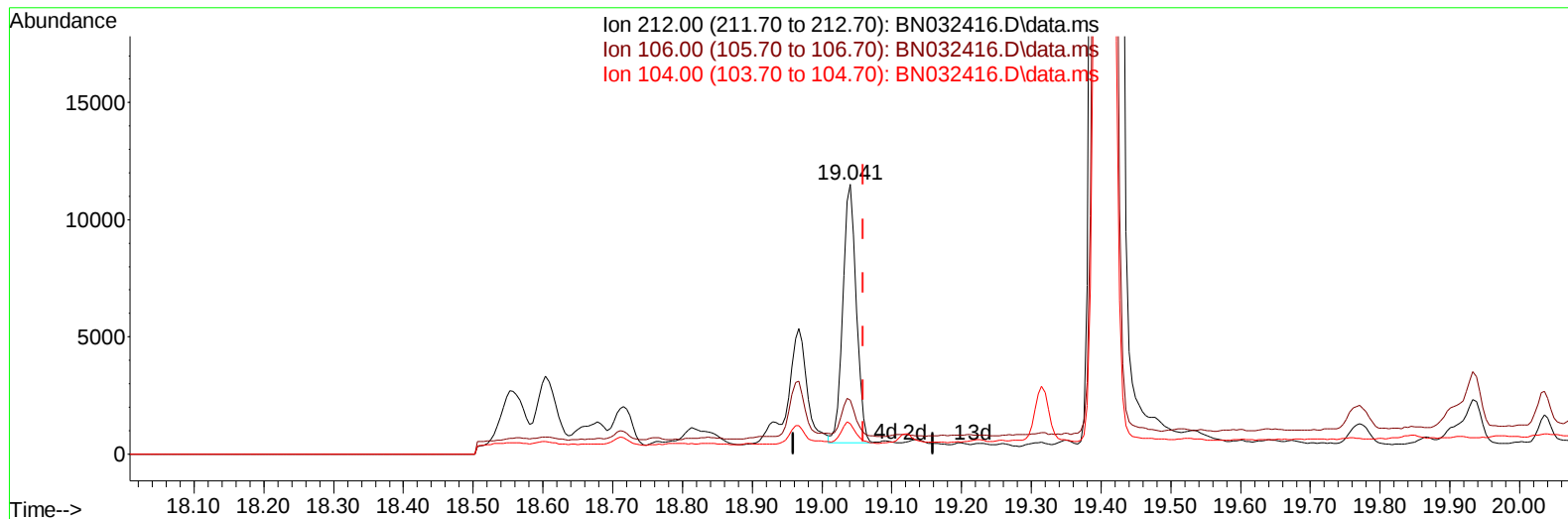
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.019) 0.32 ng/ul m

response 14834

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.32#
104.00	8.40	0.00#
0.00	0.00	0.00

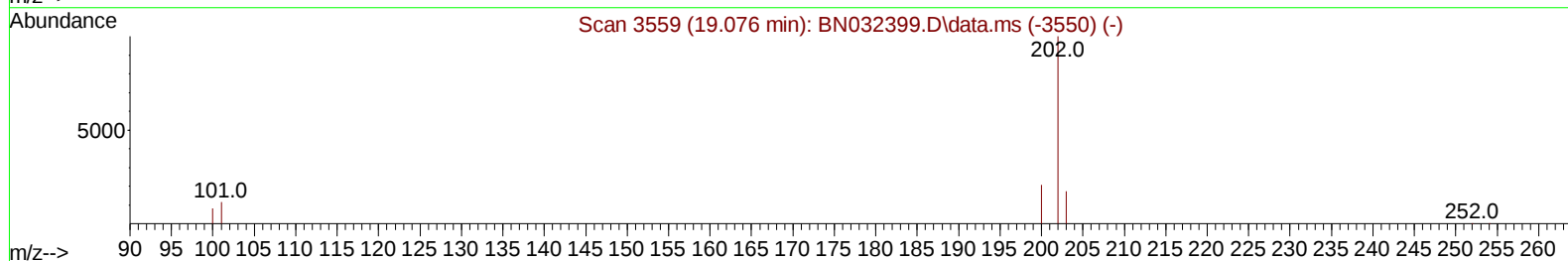
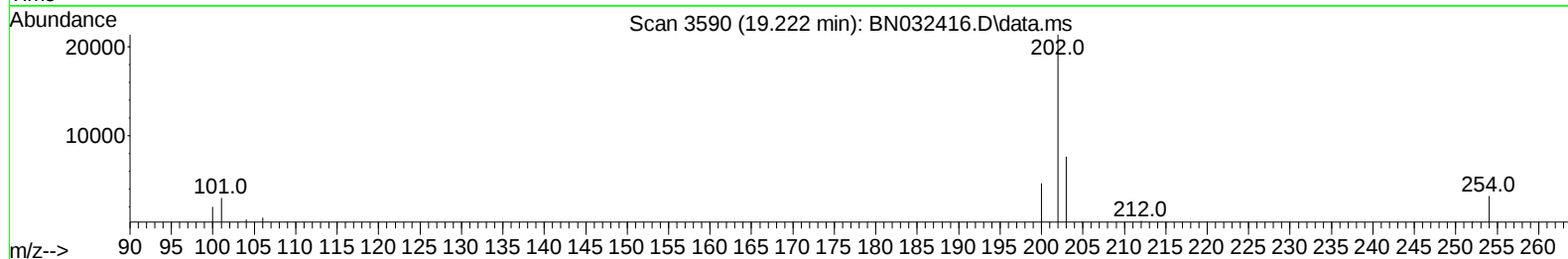
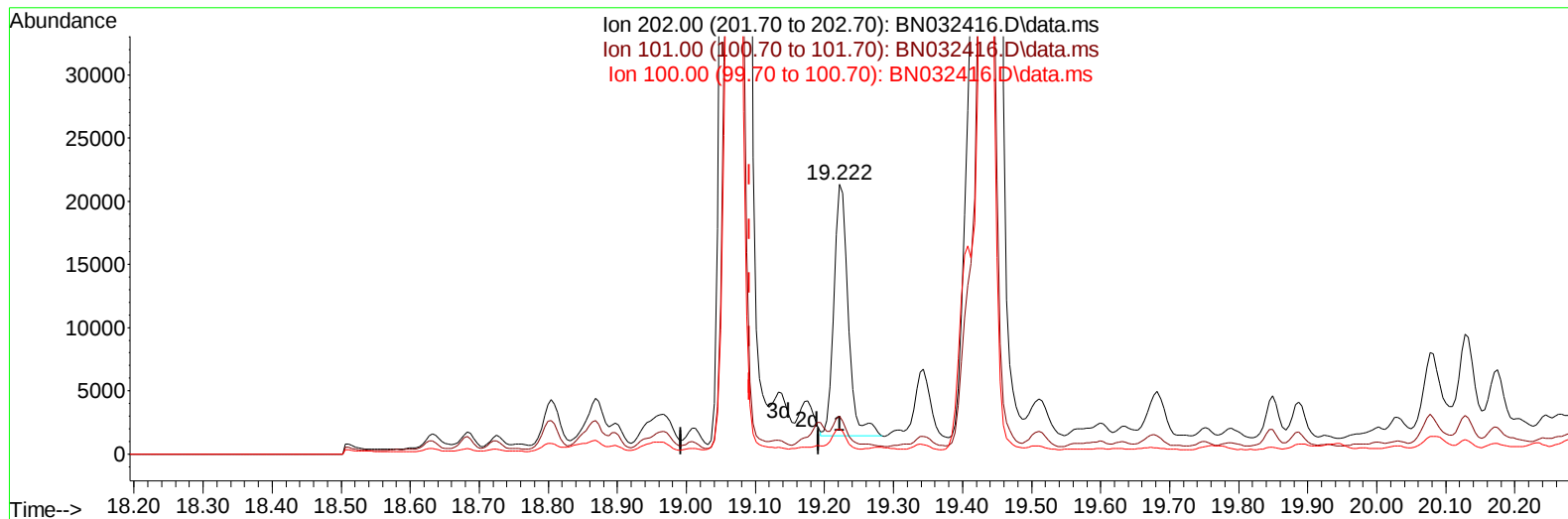
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.130) 0.49 ng/u1

response 28561

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	14.00#
100.00	8.00	9.33
0.00	0.00	0.00

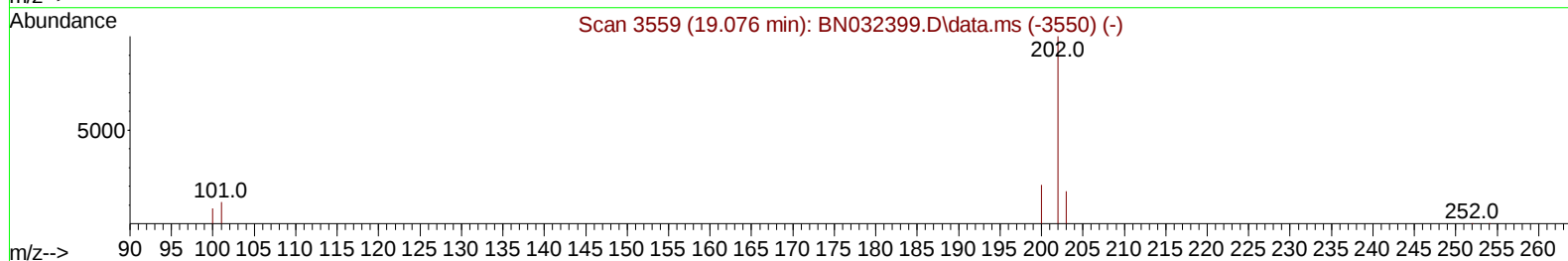
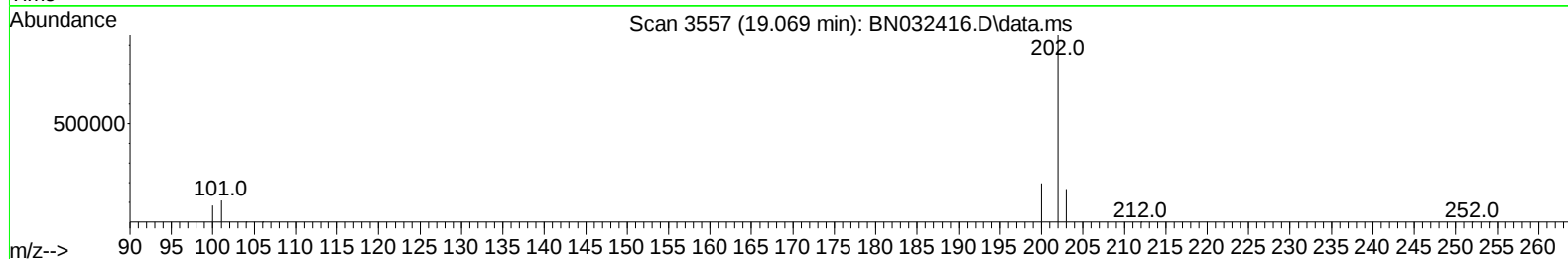
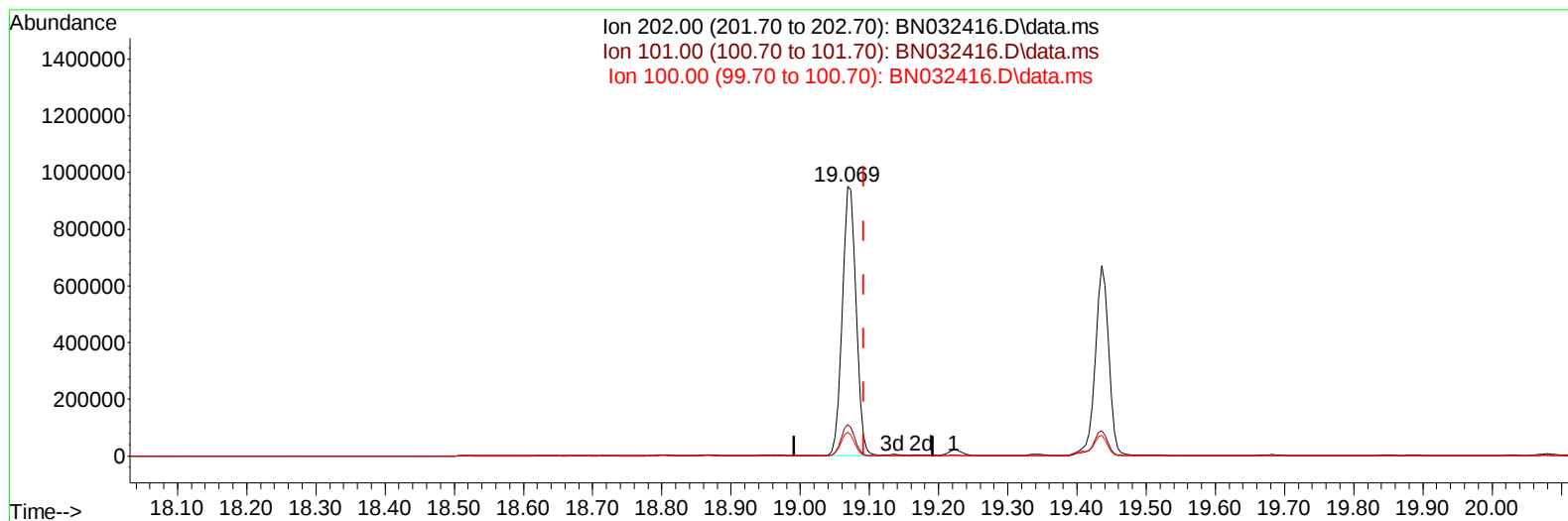
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(19) Fluoranthene (C)

19.069min (-0.023) 23.05 ng/ul m

response 1334551

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.68
100.00	8.00	8.83
0.00	0.00	0.00

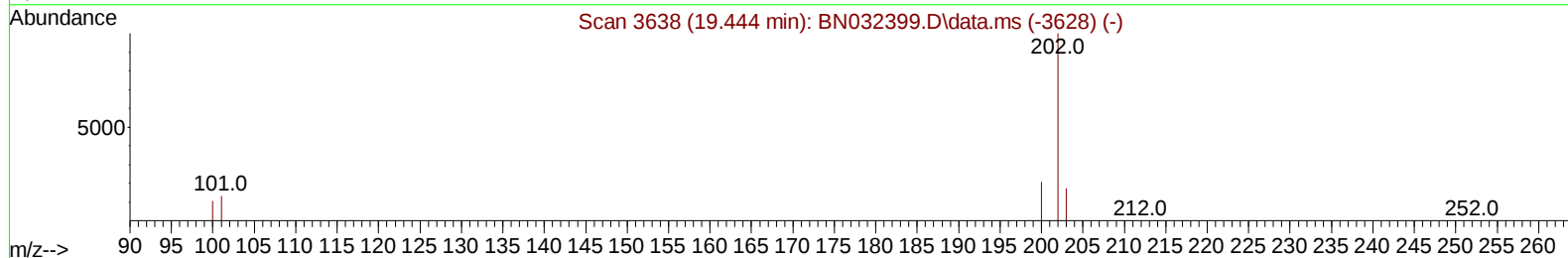
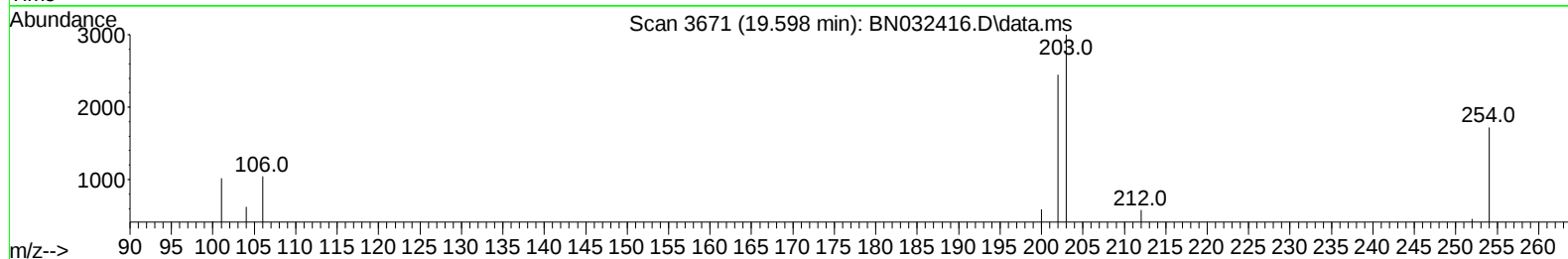
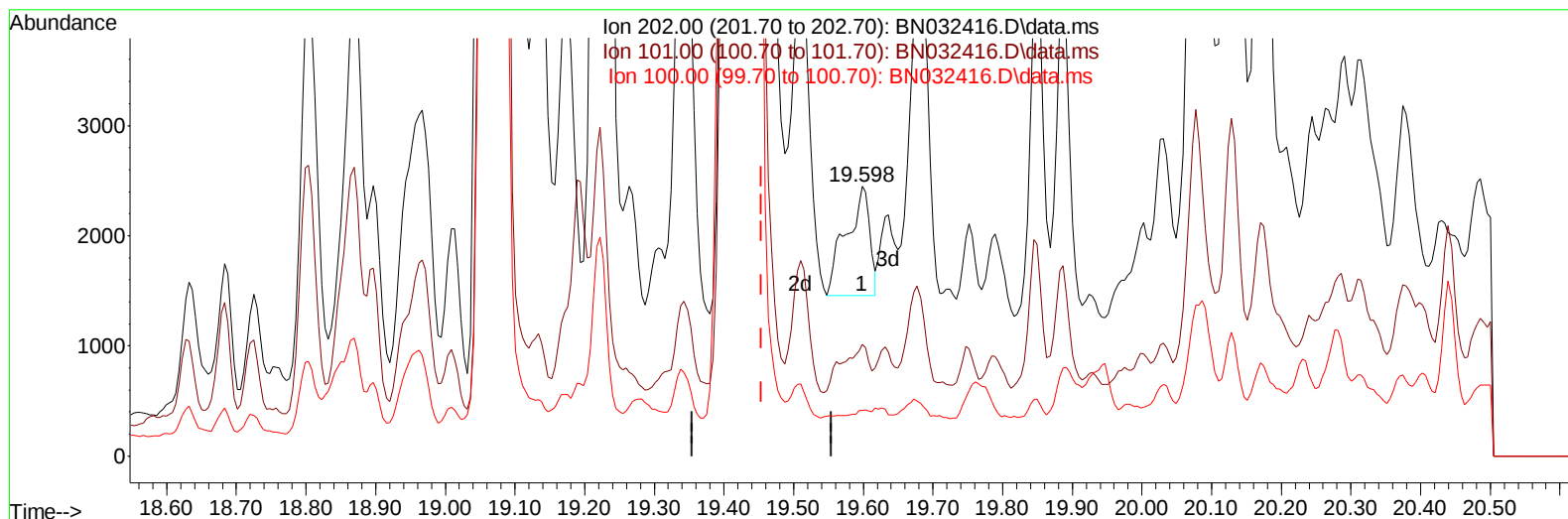
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(20) Pyrene

19.598min (+ 0.144) 0.04 ng/u1

response 2324

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	41.44#
100.00	10.90	16.84#
0.00	0.00	0.00

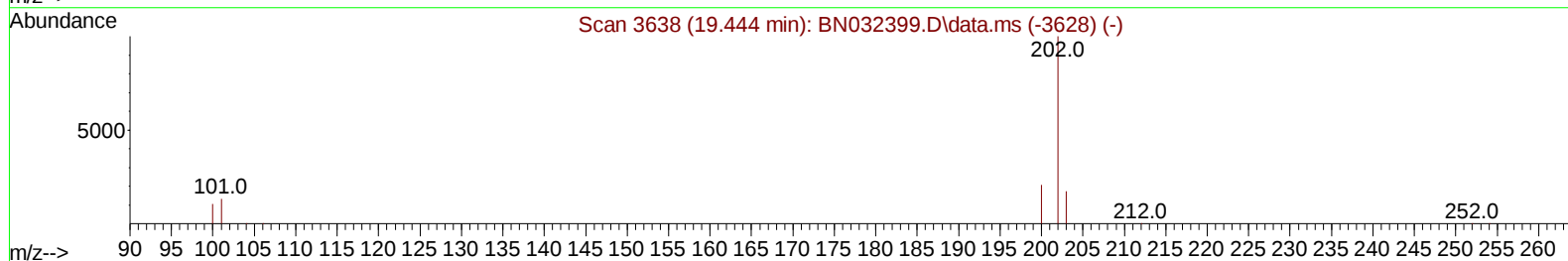
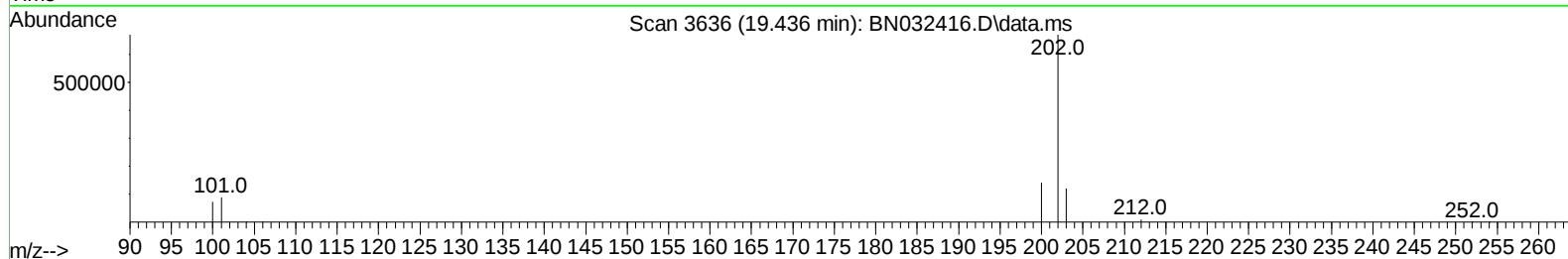
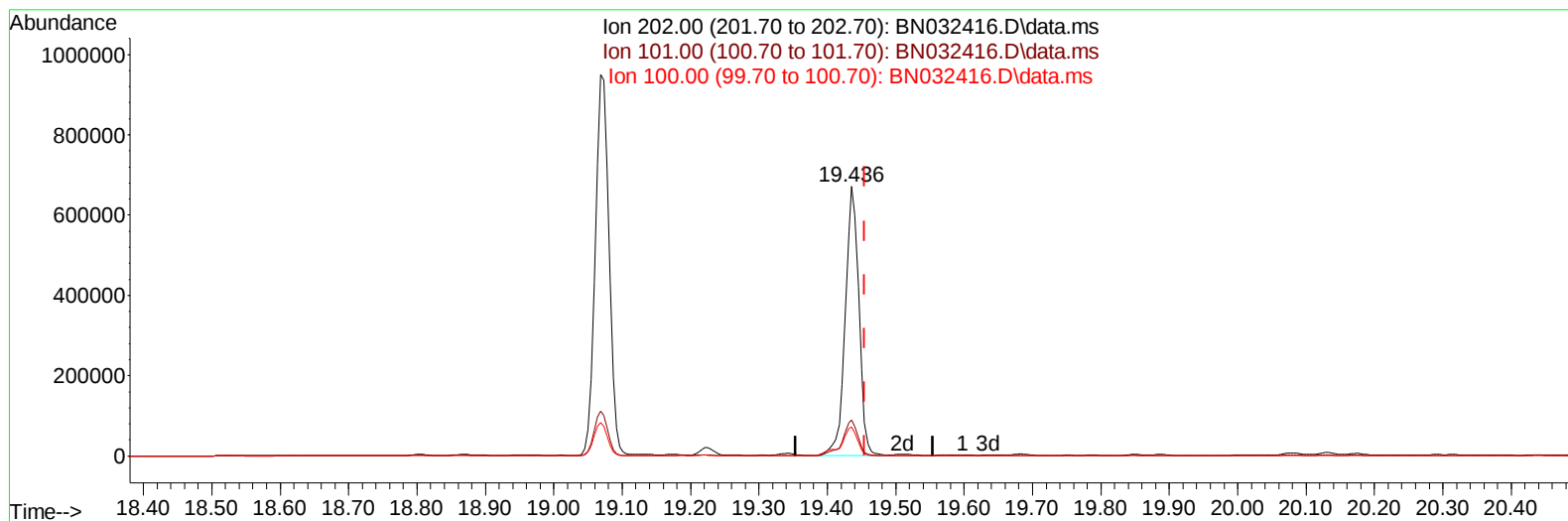
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(20) Pyrene

19.436min (-0.019) 15.26 ng/ul m

response 923286

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.30
100.00	10.90	10.74
0.00	0.00	0.00

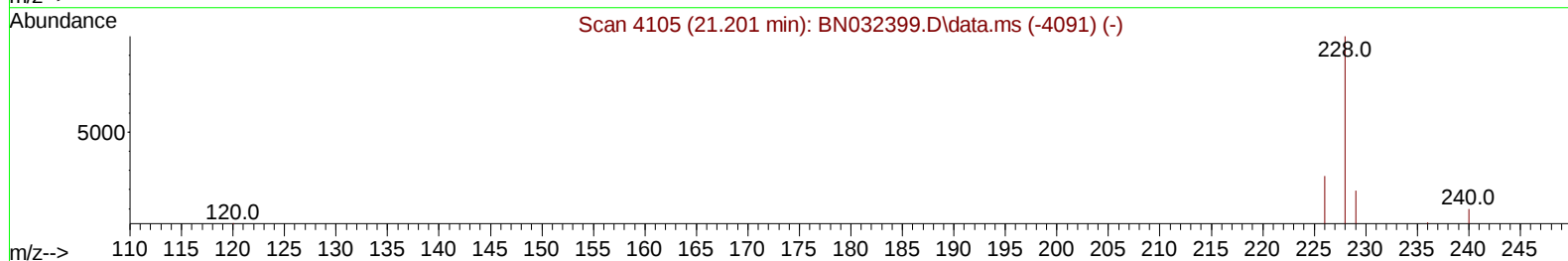
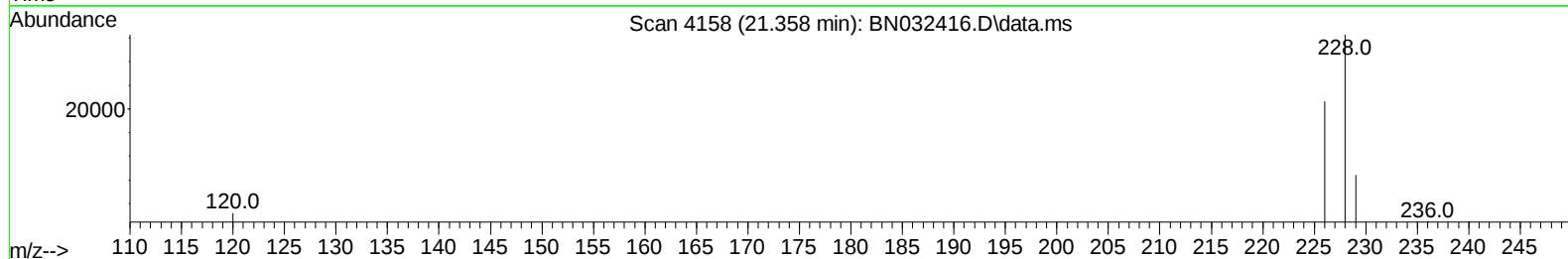
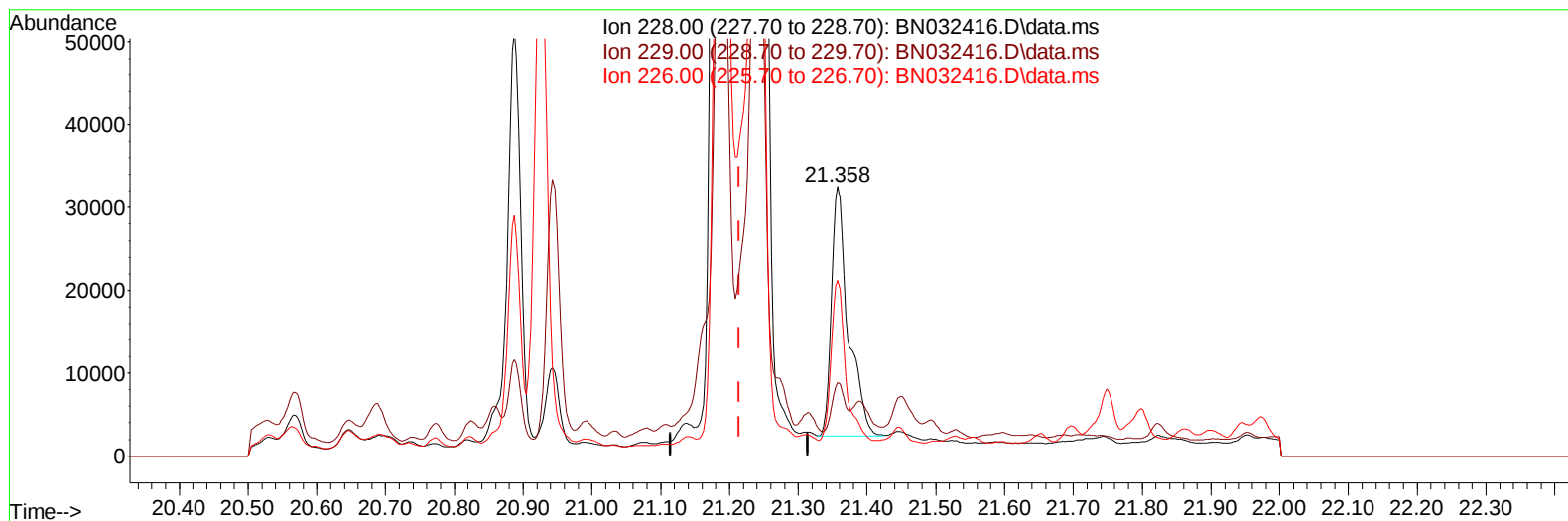
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(21) Benzo(a)anthracene

21.358min (+ 0.143) 0.93 ng/u1

response 51172

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	27.24#
226.00	27.30	65.25#
0.00	0.00	0.00

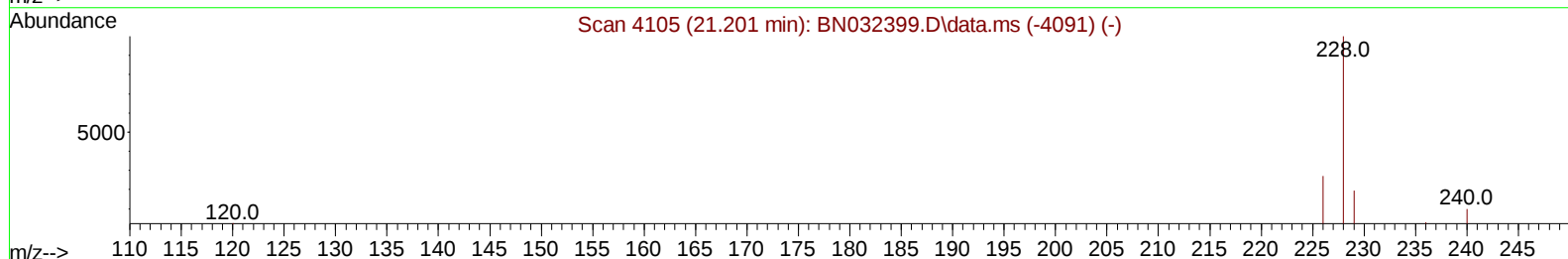
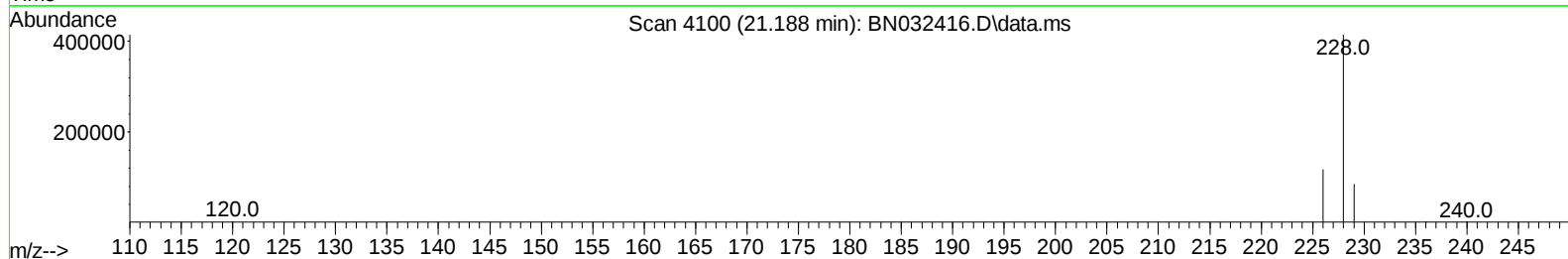
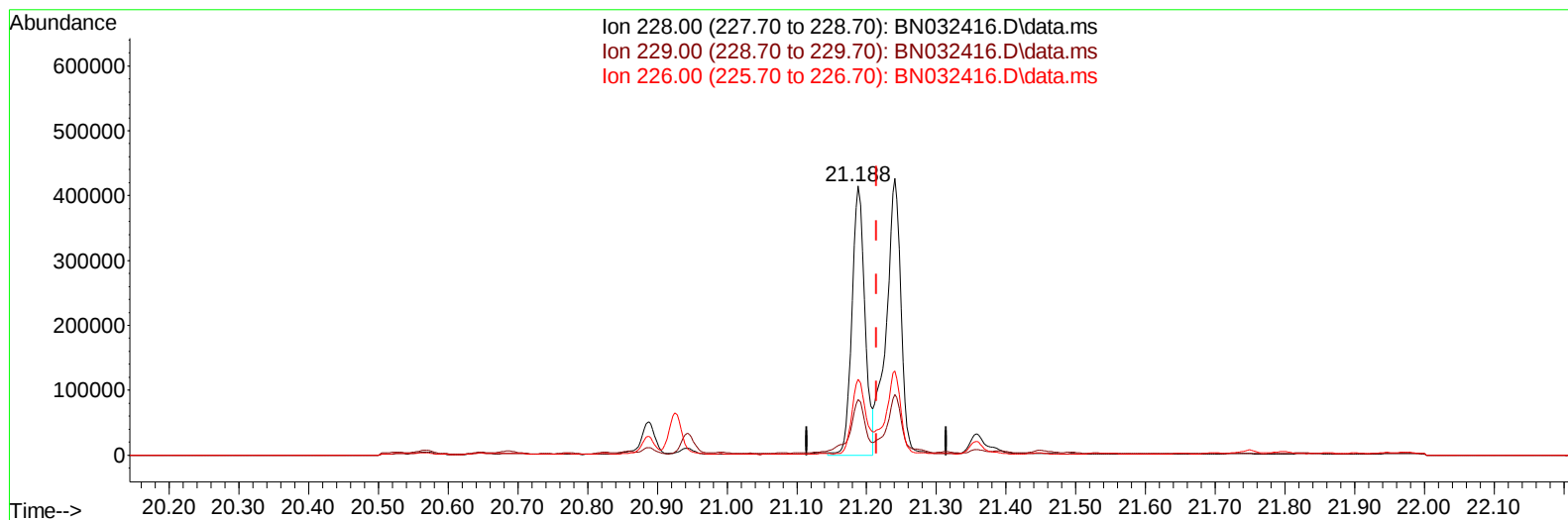
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(21) Benzo(a)anthracene

21.188min (-0.026) 9.80 ng/u1 m

response 537902

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.74
226.00	27.30	28.28
0.00	0.00	0.00

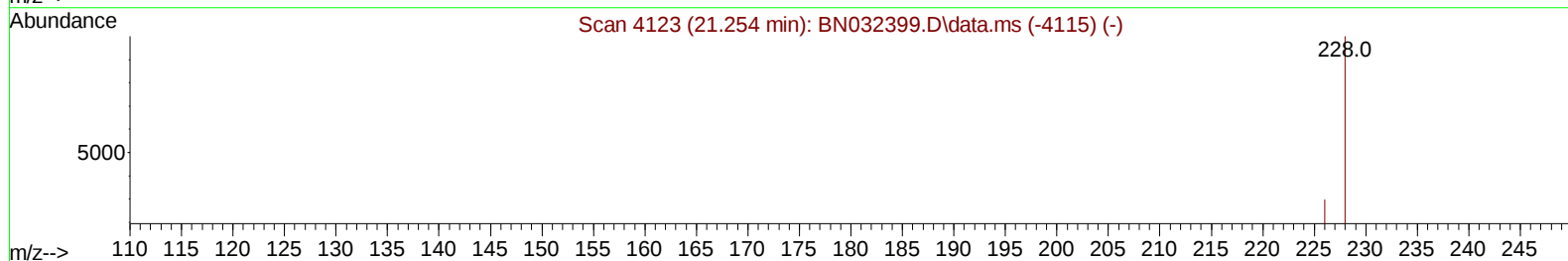
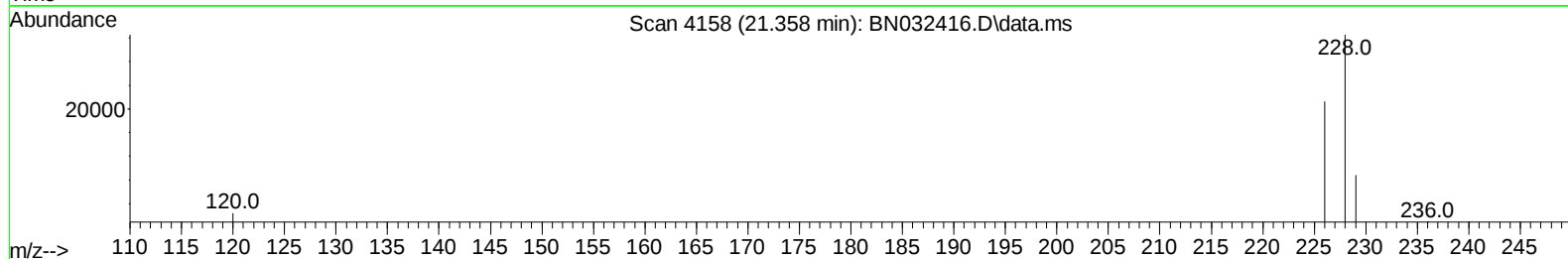
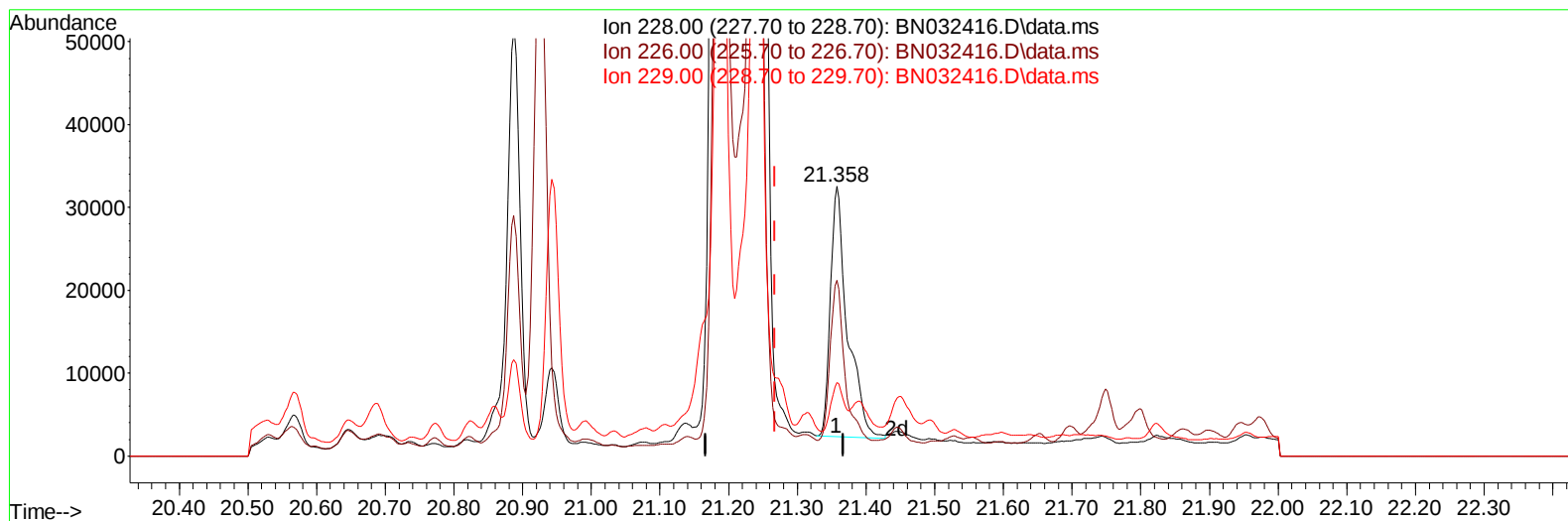
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(22) Chrysene

21.358min (+ 0.090) 0.86 ng/u1

response 52075

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.25#
229.00	19.60	27.24#
0.00	0.00	0.00

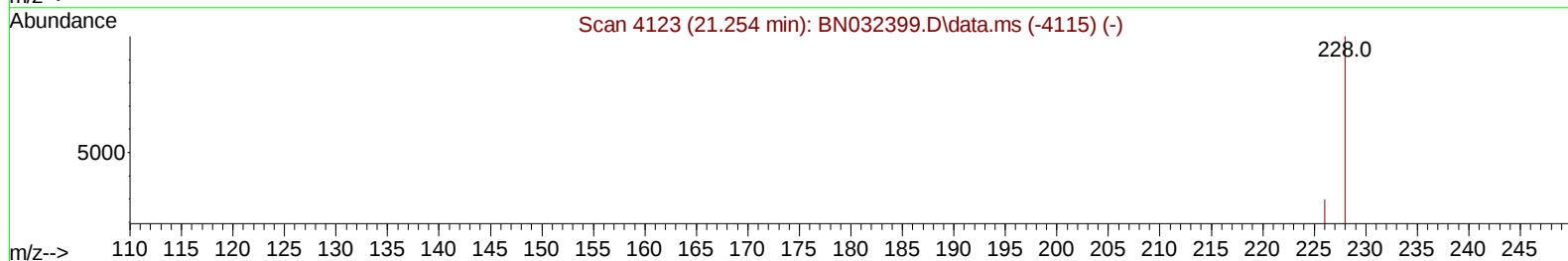
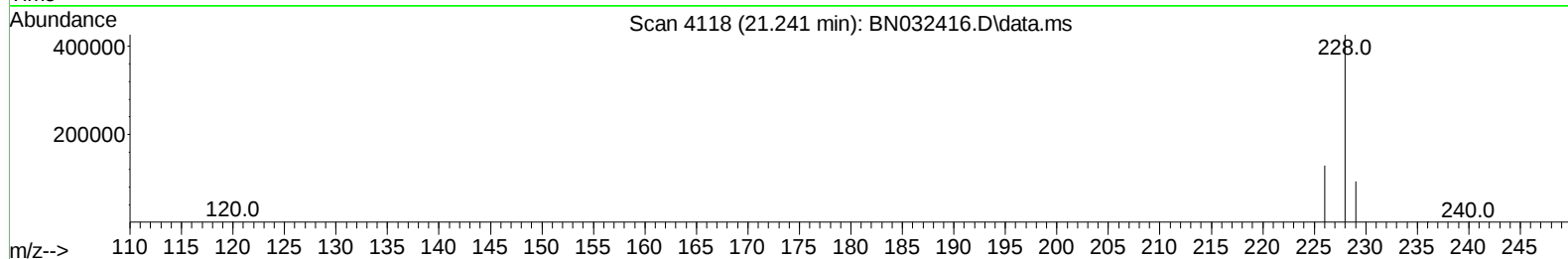
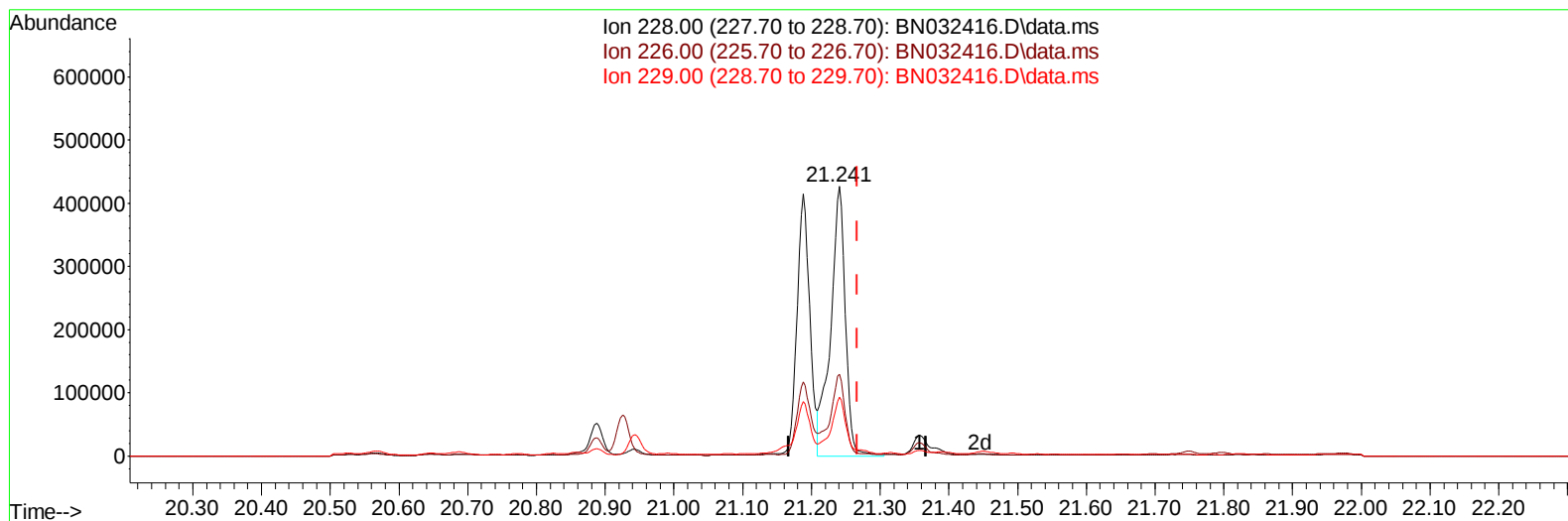
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(22) Chrysene

21.241min (-0.026) 10.62 ng/ul m

response 639370

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.34
229.00	19.60	21.83
0.00	0.00	0.00

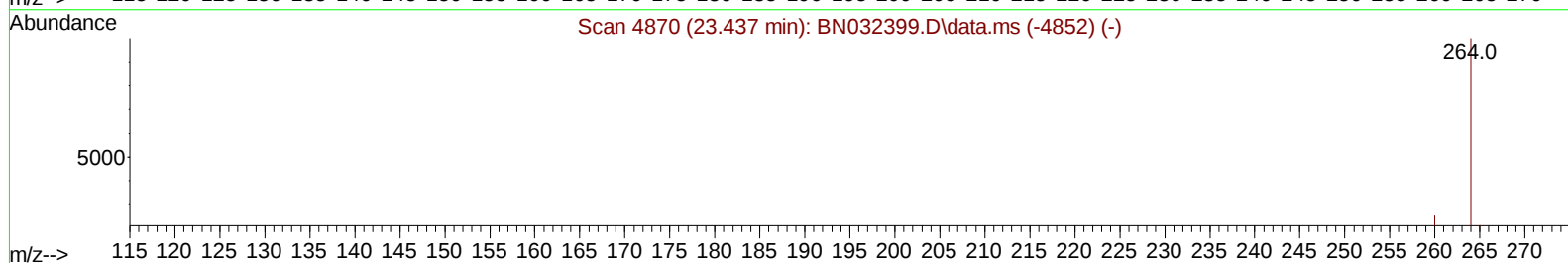
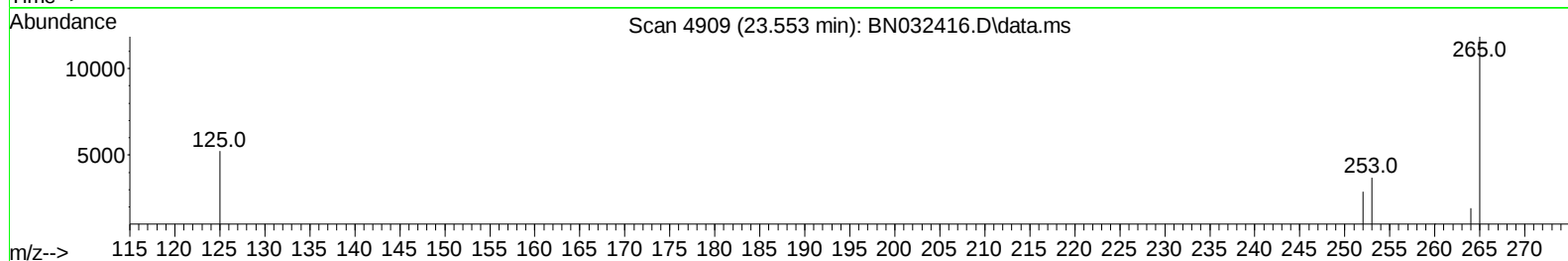
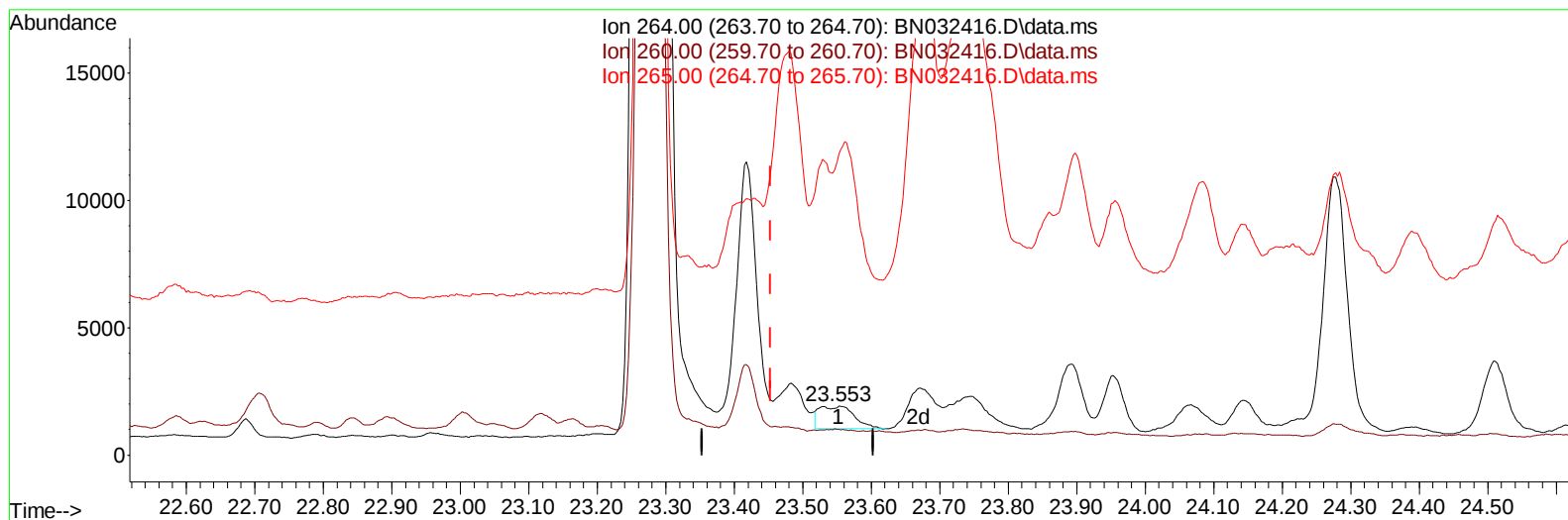
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(23) Perylene-d12 (I)

23.553min (+ 0.099) 0.40 ng/u1

response 3165

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	52.12#
265.00	67.20	612.31#
0.00	0.00	0.00

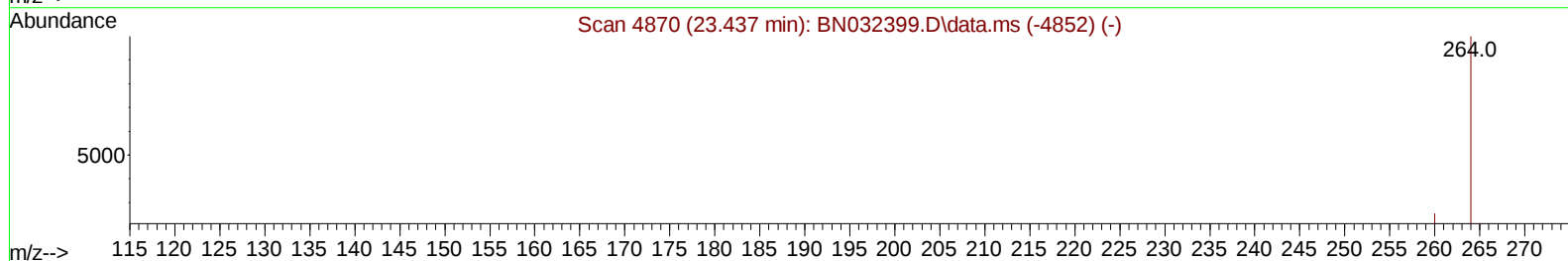
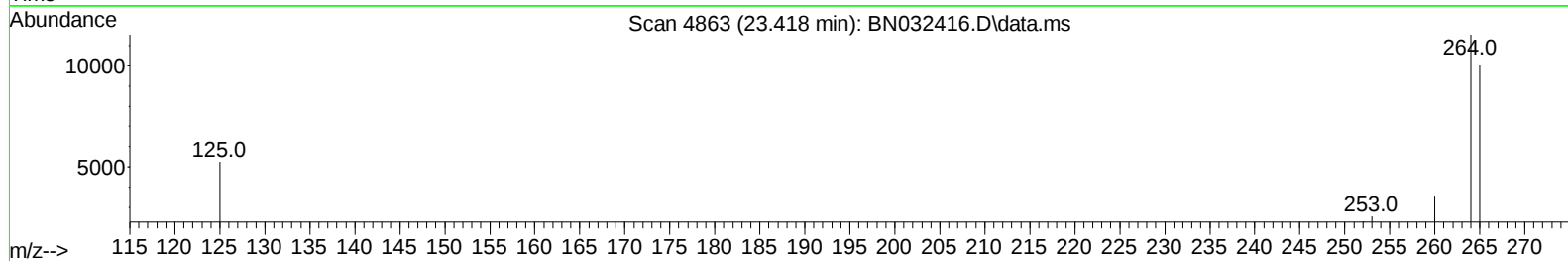
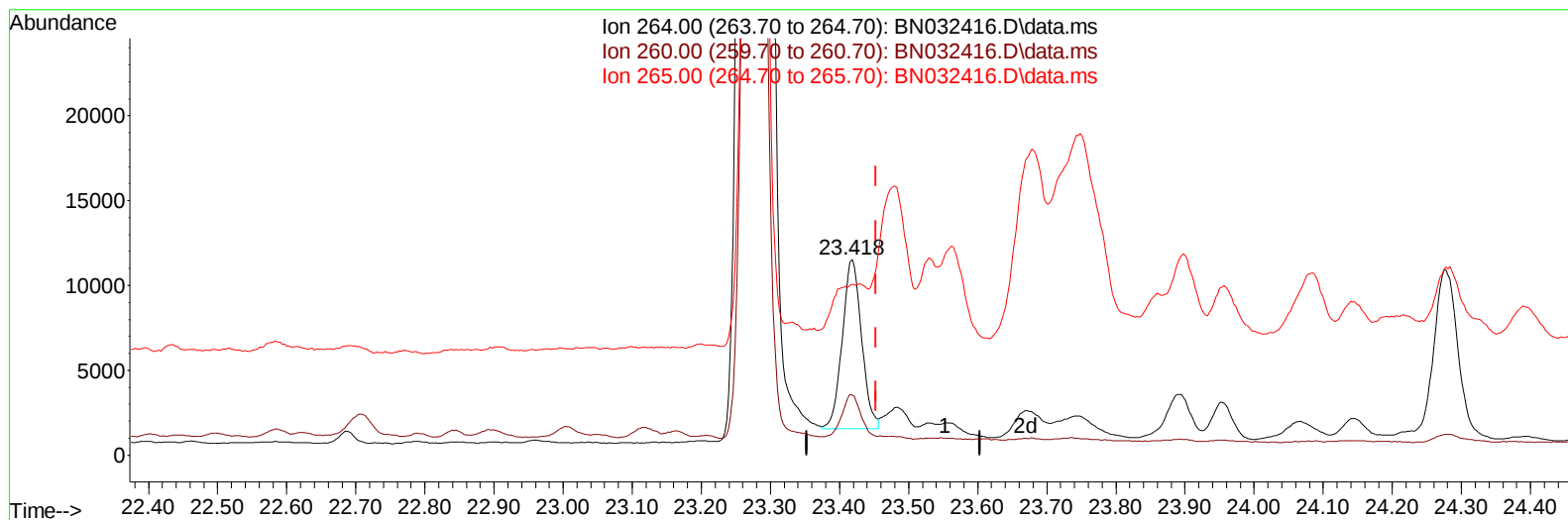
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(23) Perylene-d12 (I)

23.418min (-0.035) 0.40 ng/ul m

response 19436

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	30.74
265.00	67.20	87.31#
0.00	0.00	0.00

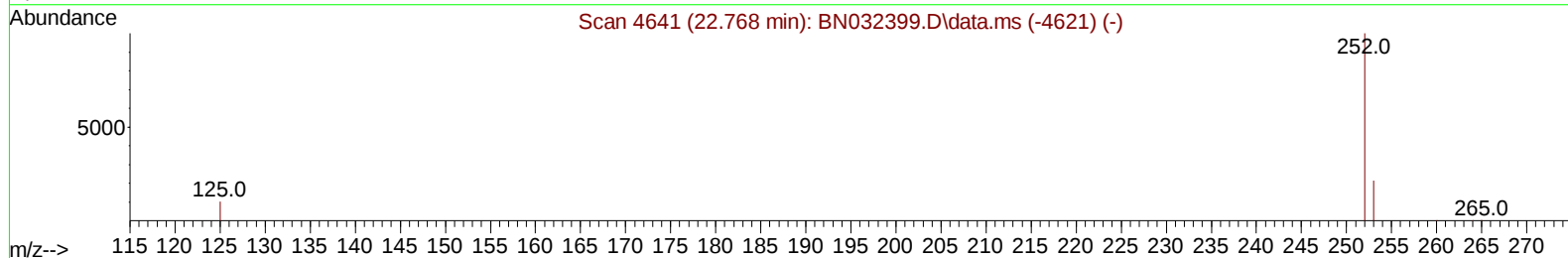
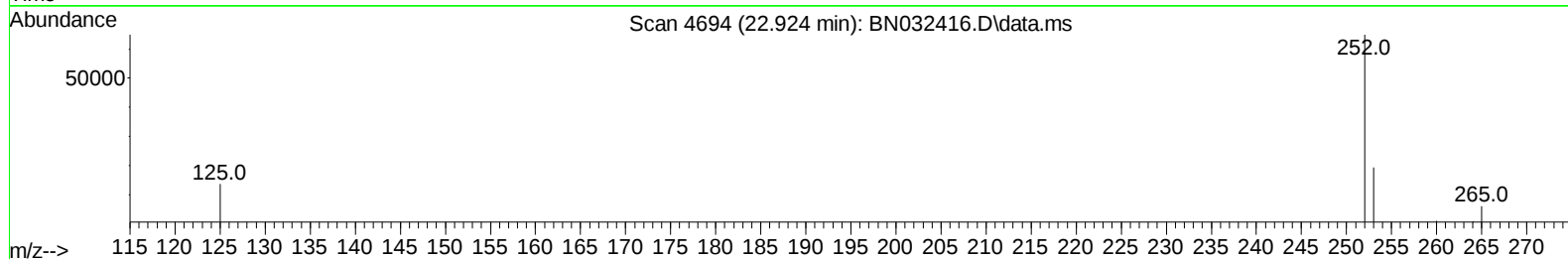
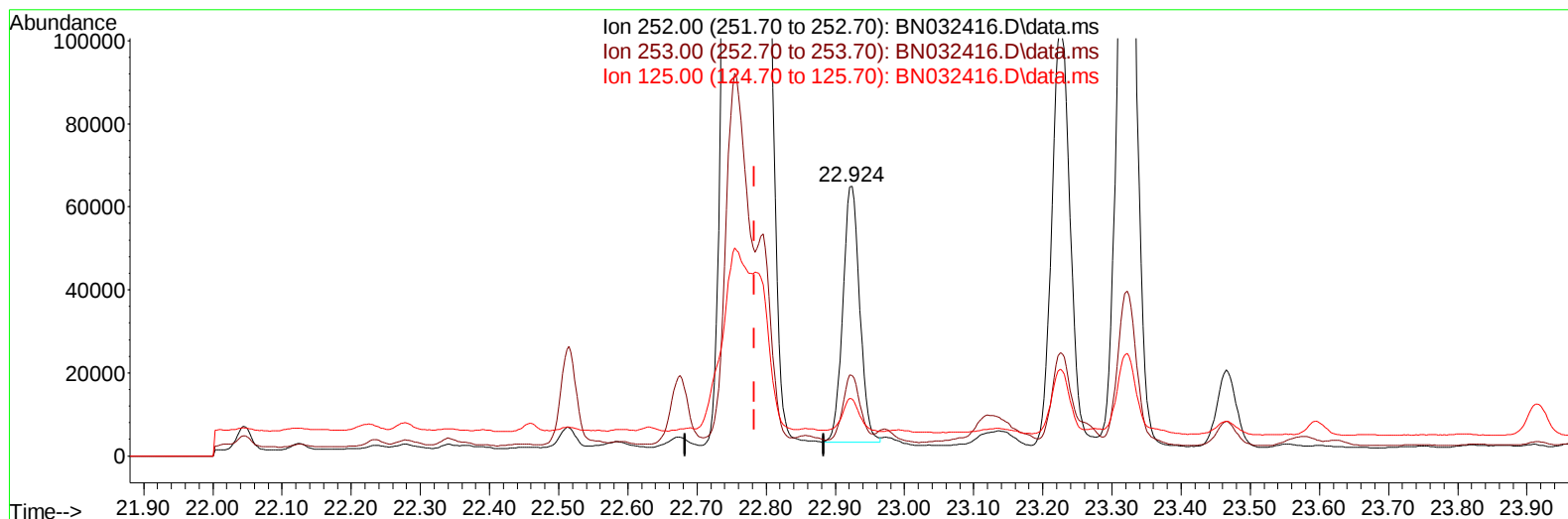
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
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TIC: BN032416.D\data.ms

(24) Benzo(b)fluoranthene

22.924min (+ 0.140) 1.24 ng/u1

response 104347

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.93
125.00	16.00	21.11
0.00	0.00	0.00

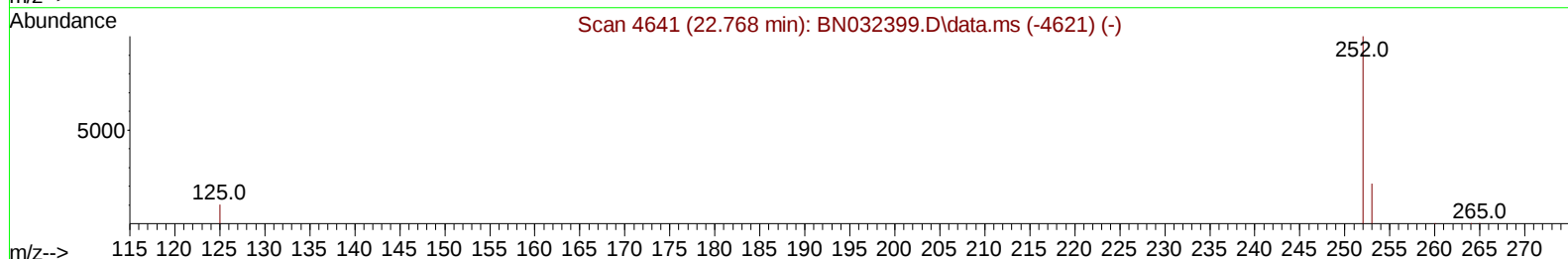
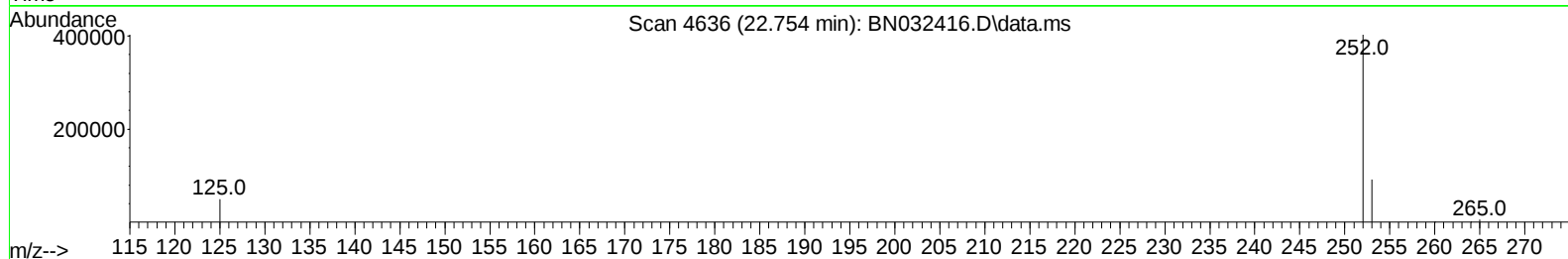
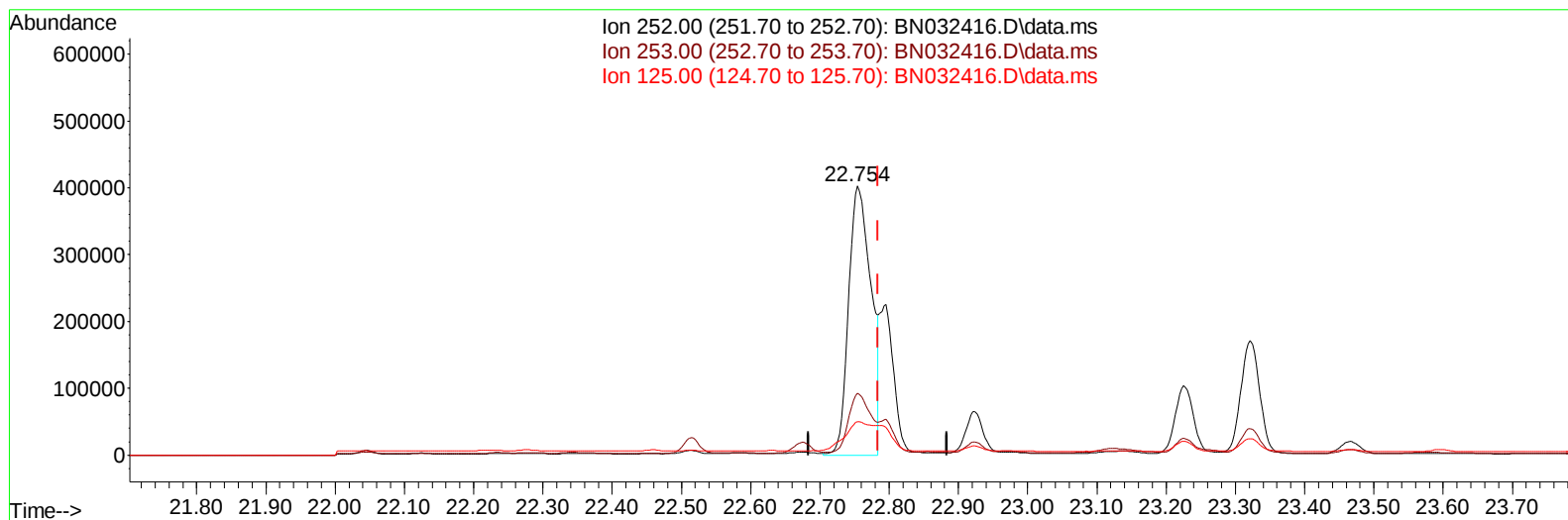
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(24) Benzo(b)fluoranthene

22.754min (-0.029) 10.76 ng/ul m

response 908860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.91
125.00	16.00	12.44
0.00	0.00	0.00

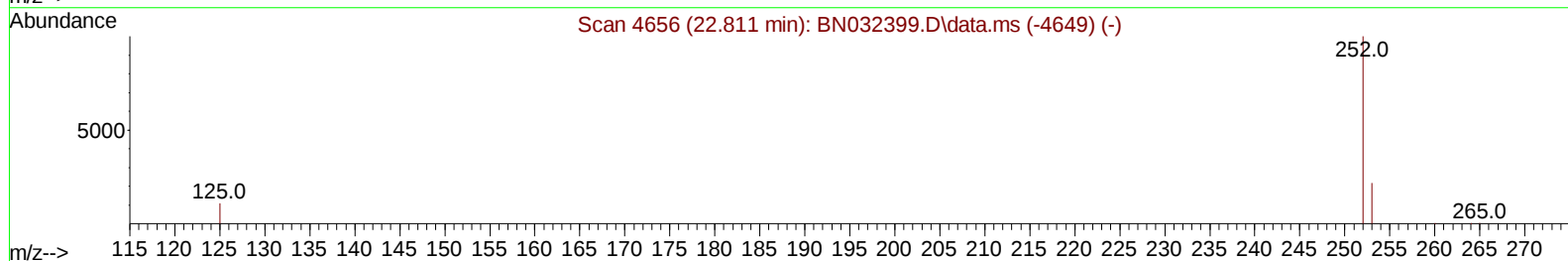
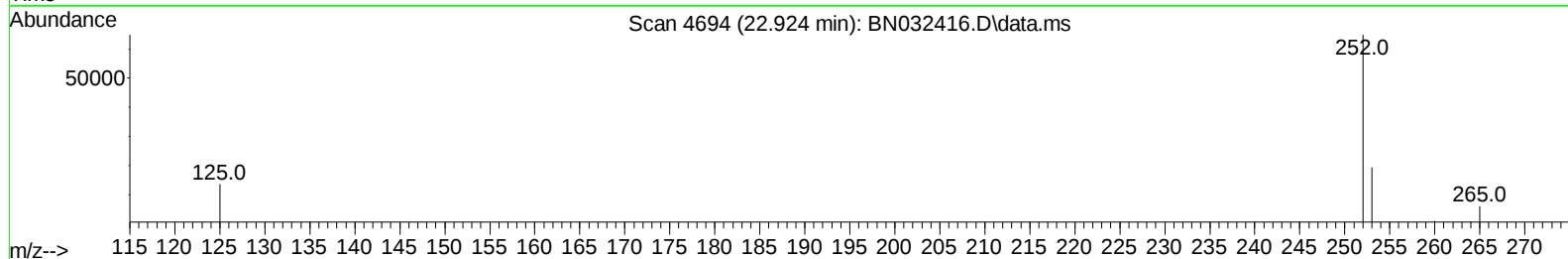
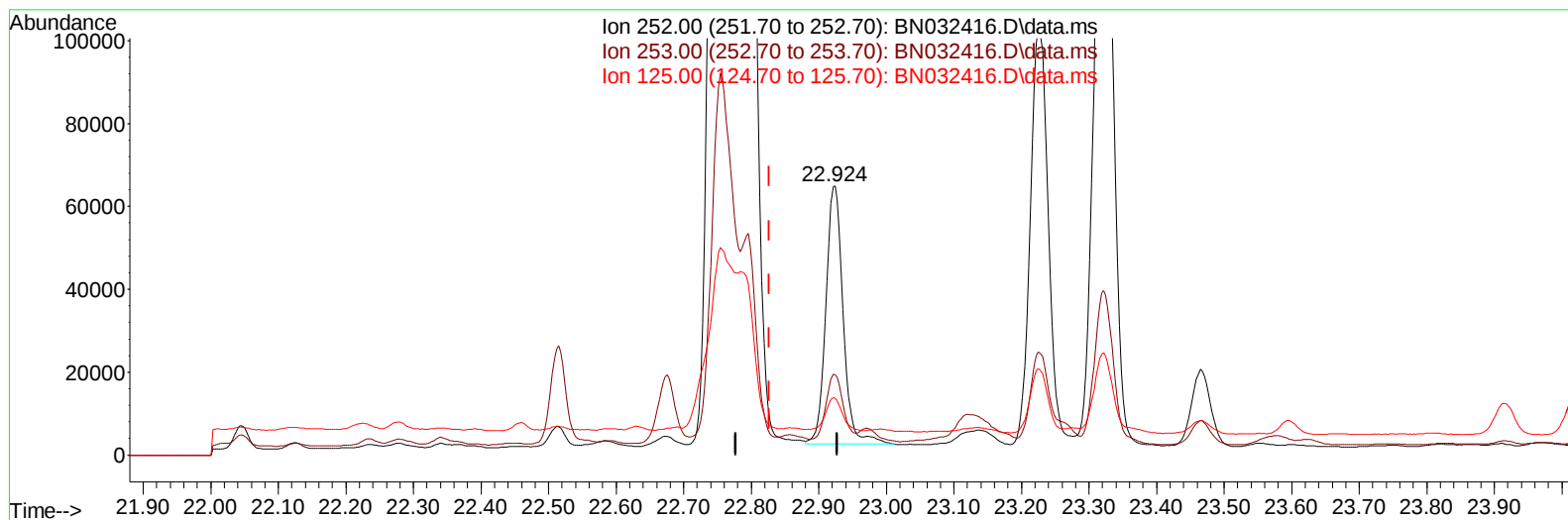
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(25) Benzo(k)fluoranthene

22.924min (+ 0.096) 1.35 ng/u1

response 110918

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.93
125.00	16.00	21.11#
0.00	0.00	0.00

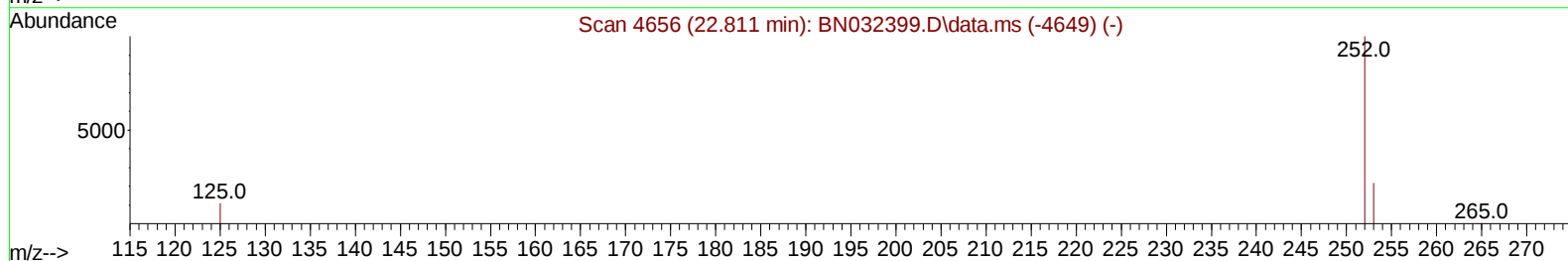
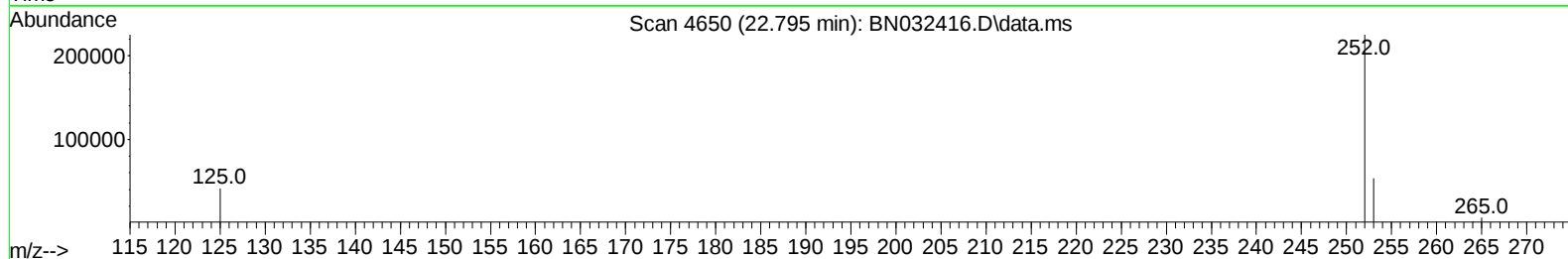
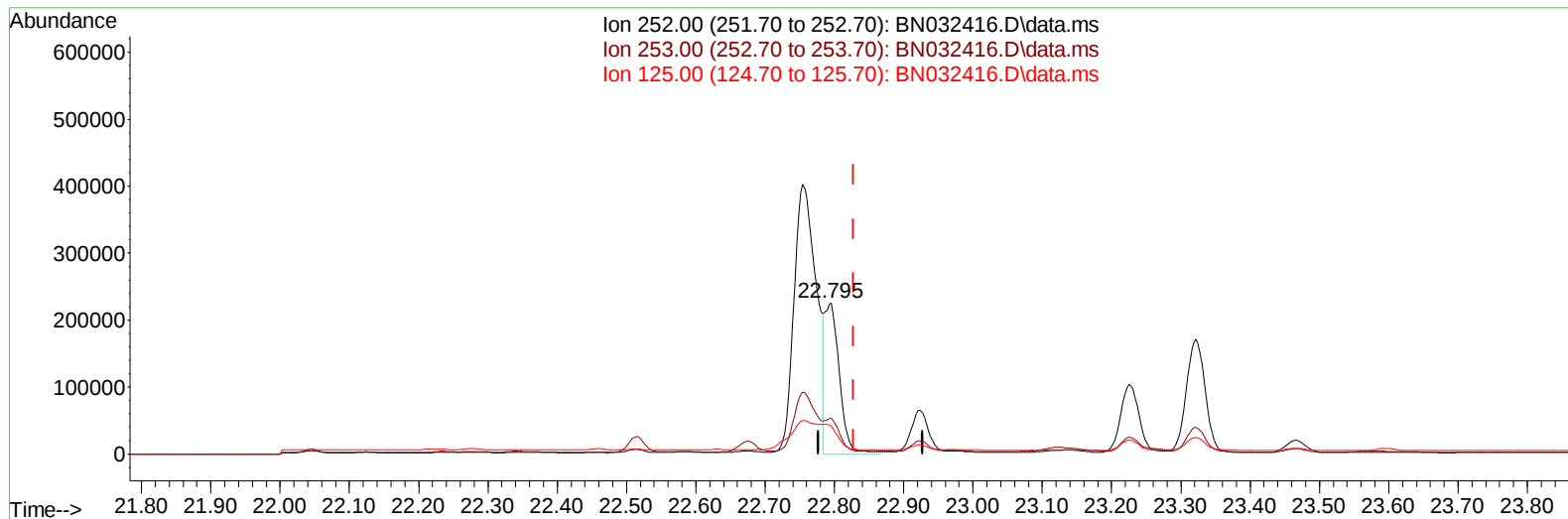
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(25) Benzo(k)fluoranthene

22.795min (-0.032) 3.96 ng/u1 m

response 325297

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.70
125.00	16.00	18.27
0.00	0.00	0.00

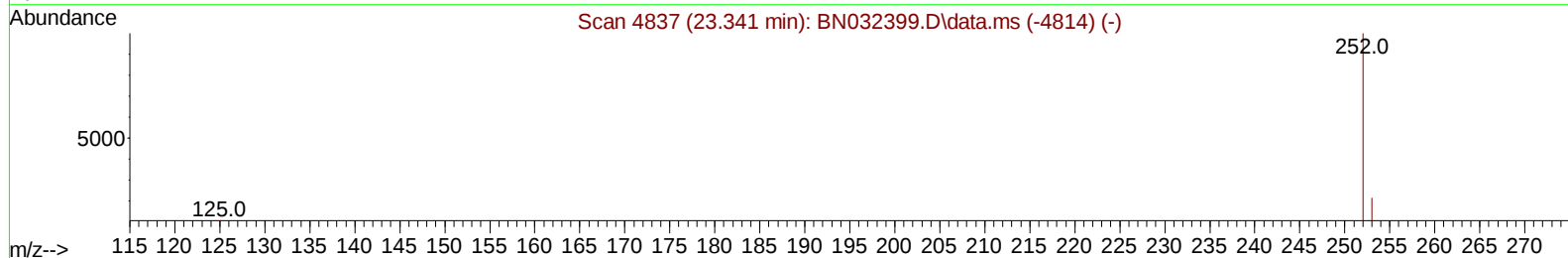
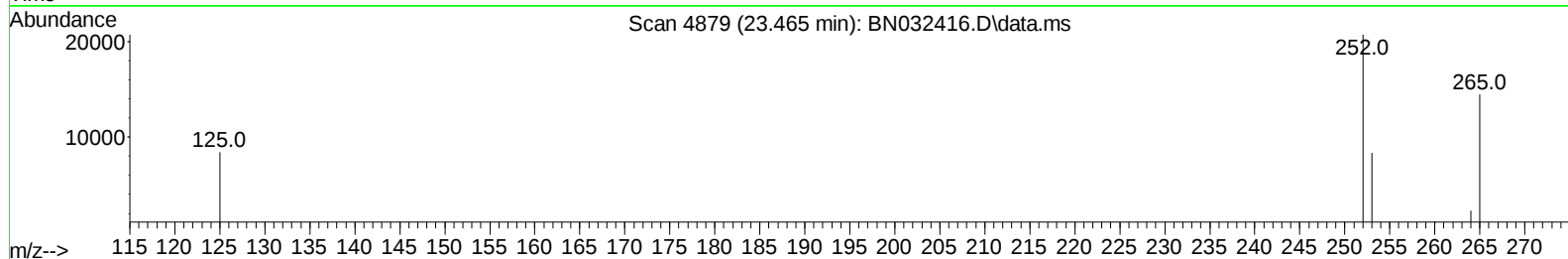
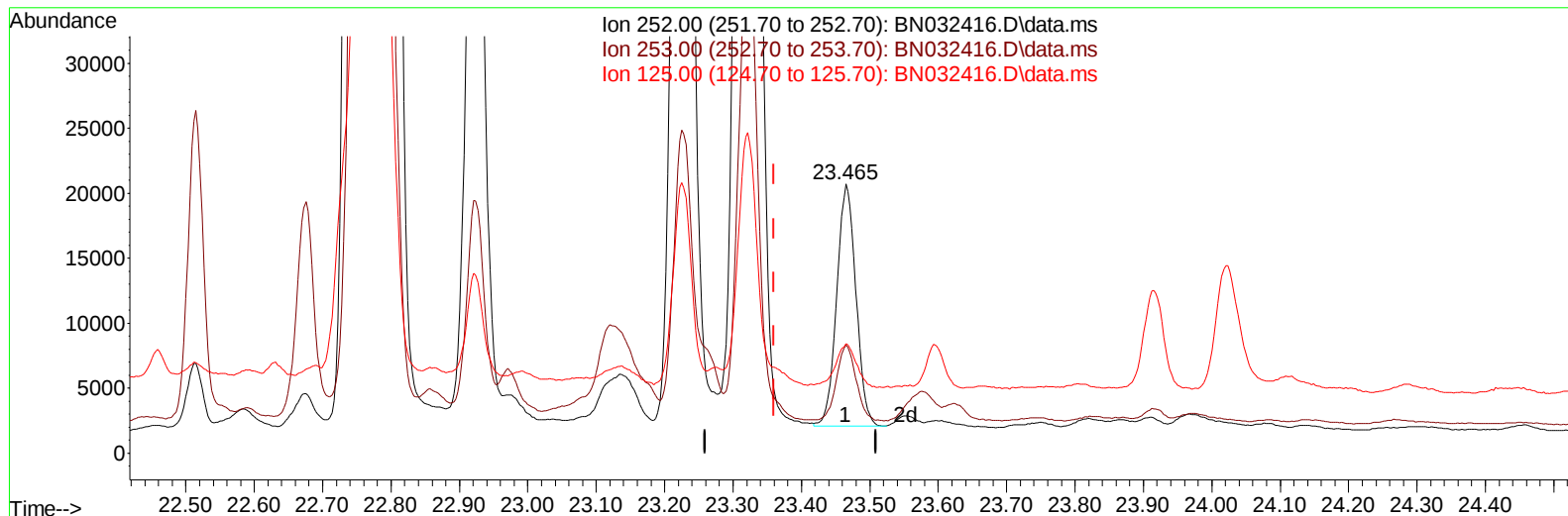
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(26) Benzo(a)pyrene (C)

23.465min (+ 0.105) 0.62 ng/u1

response 36414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	40.17#
125.00	20.50	40.72#
0.00	0.00	0.00

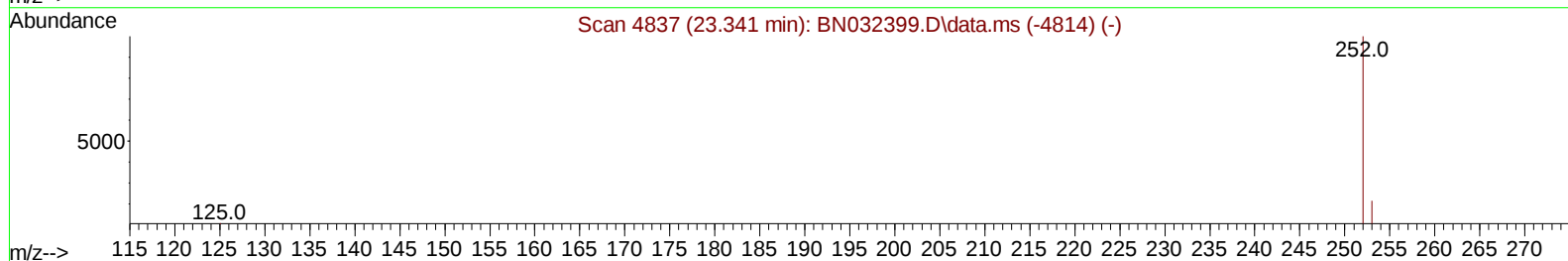
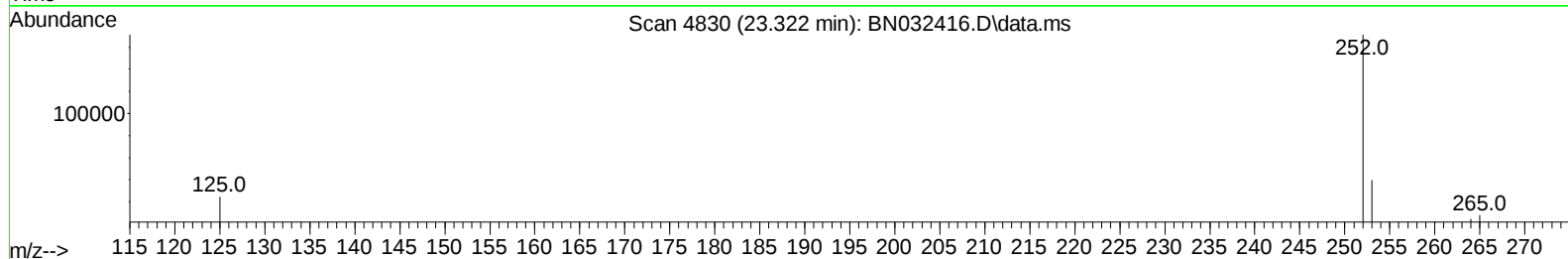
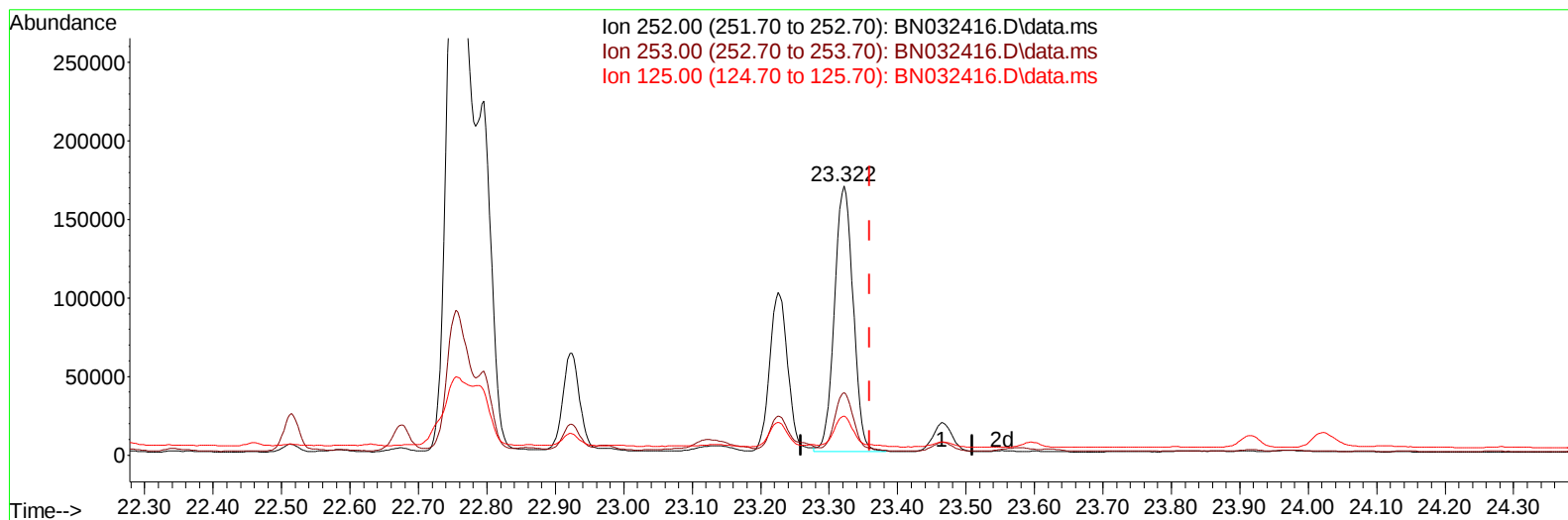
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(26) Benzo(a)pyrene (C)

23.322min (-0.038) 5.47 ng/u1 m

response 321661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.22
125.00	20.50	14.43#
0.00	0.00	0.00

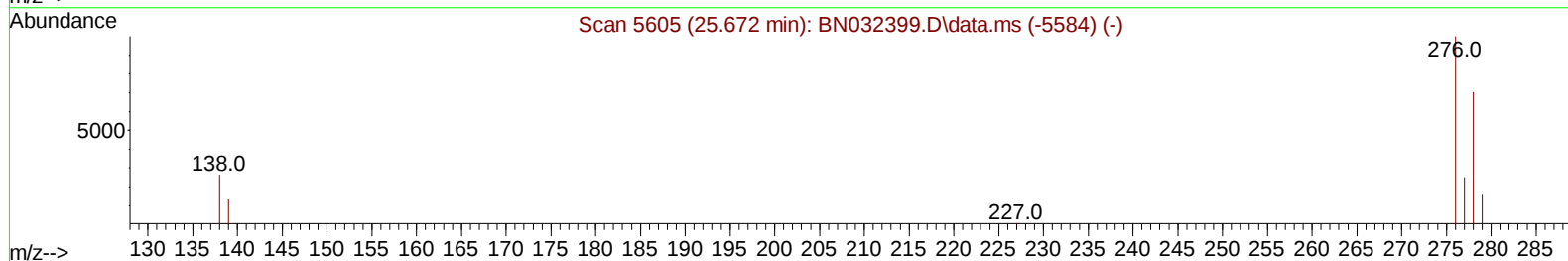
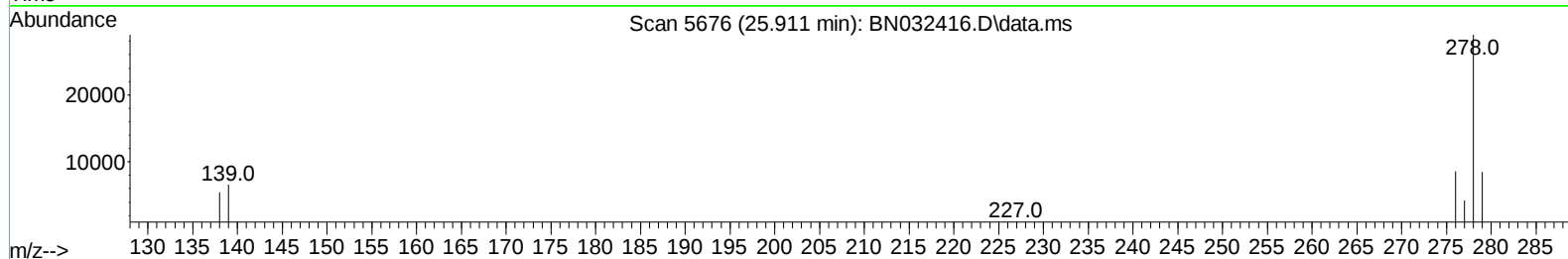
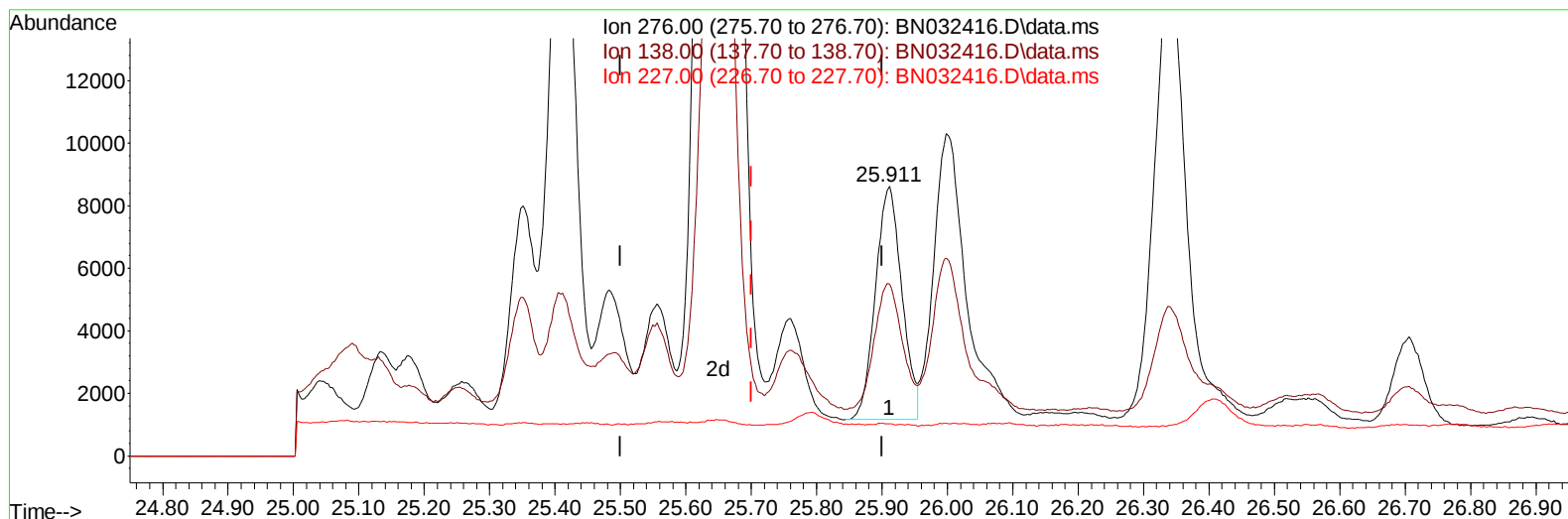
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

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

25.911min (+ 0.211) 0.23 ng/u1

response 21065

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.36#
227.00	0.10	0.48#
0.00	0.00	0.00

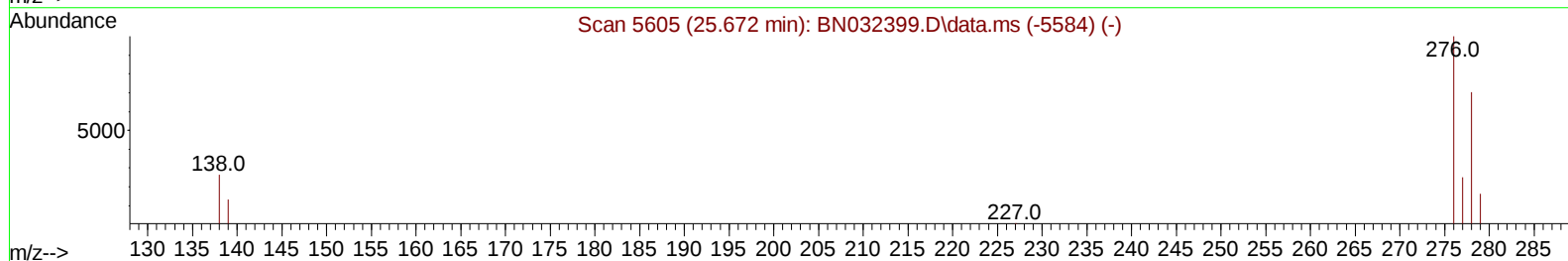
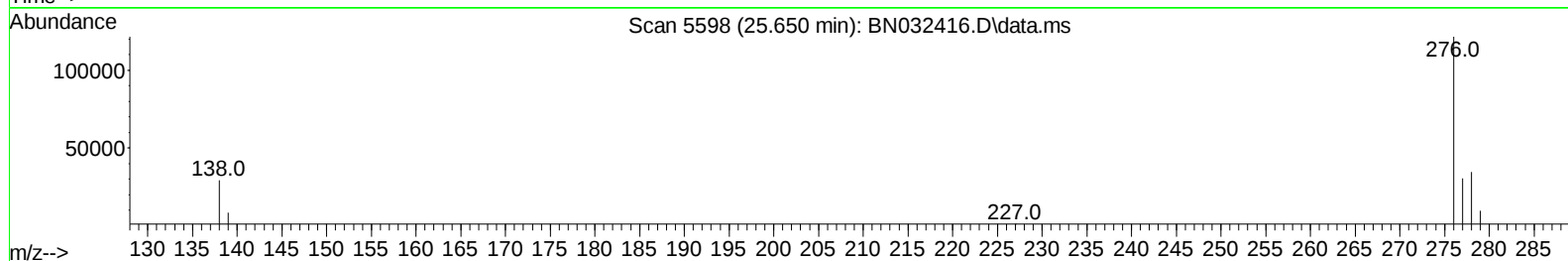
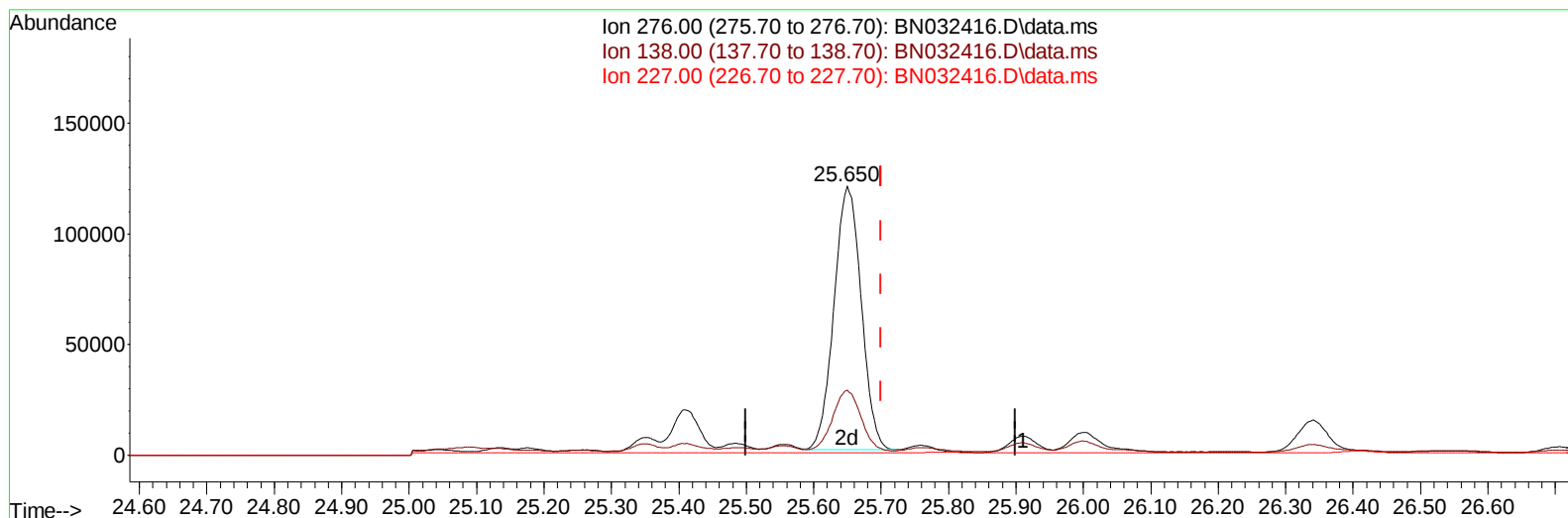
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

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

25.650min (-0.050) 3.64 ng/u1 m

response 335129

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.54#
227.00	0.10	0.03#
0.00	0.00	0.00

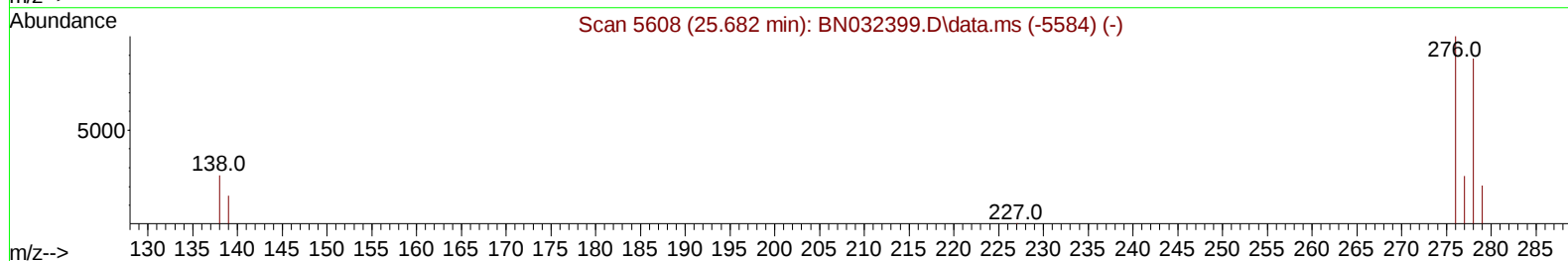
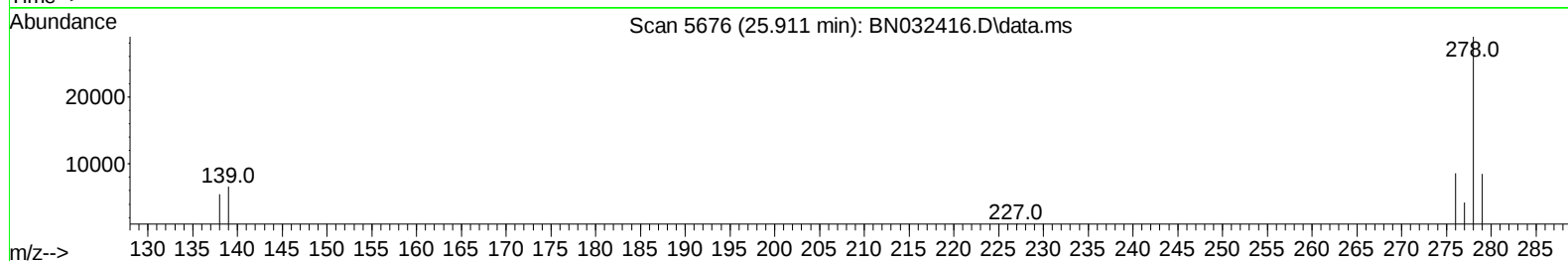
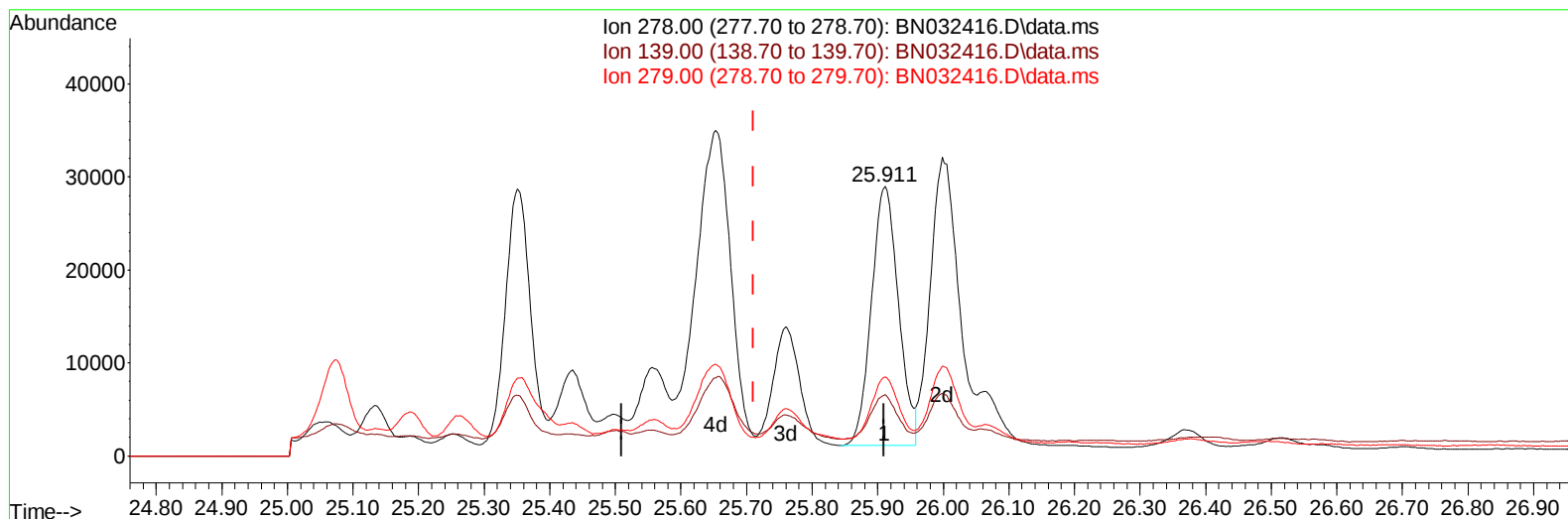
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(28) Dibenzo(a,h)anthracene

25.911min (+ 0.201) 1.17 ng/u1

response 80012

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.71
279.00	26.40	29.41
0.00	0.00	0.00

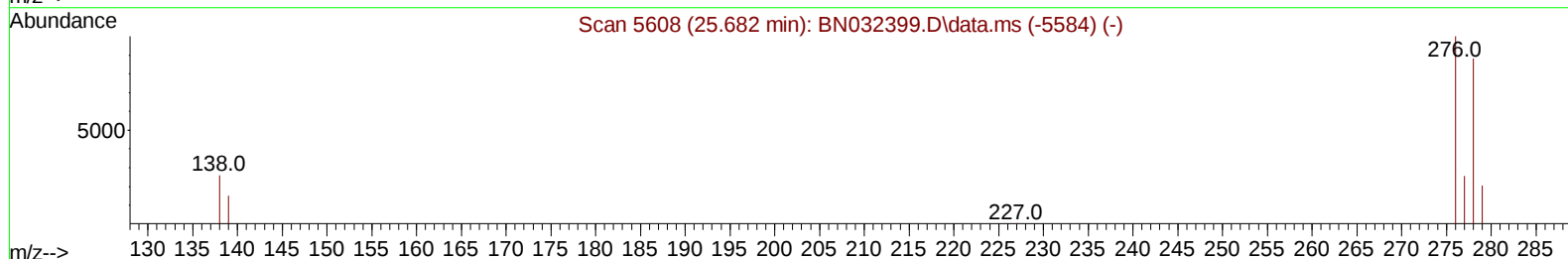
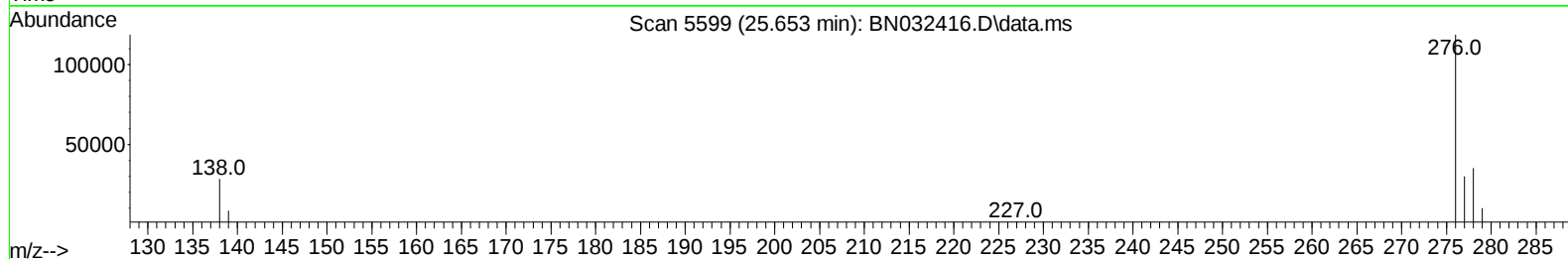
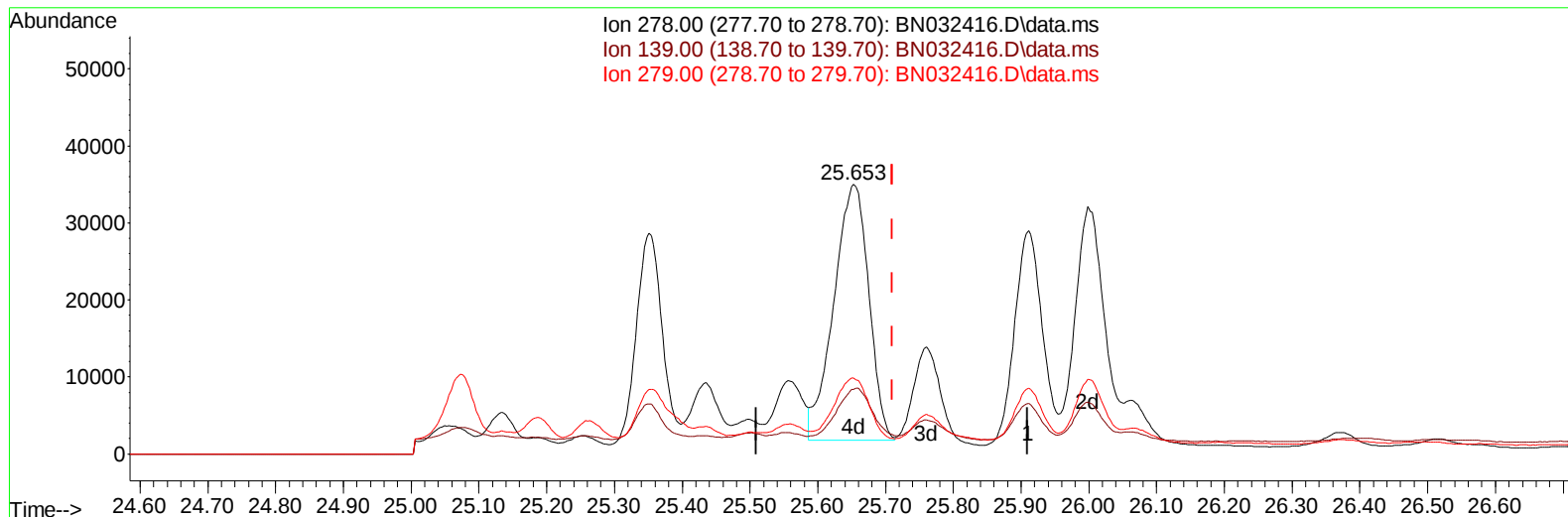
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

(28) Dibenzo(a,h)anthracene

25.653min (-0.057) 1.75 ng/u1 m

response 119519

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.97#
279.00	26.40	28.30
0.00	0.00	0.00

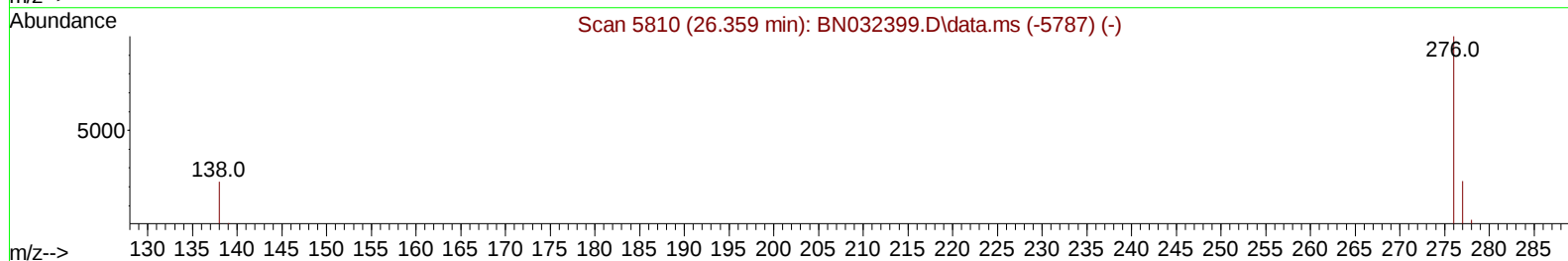
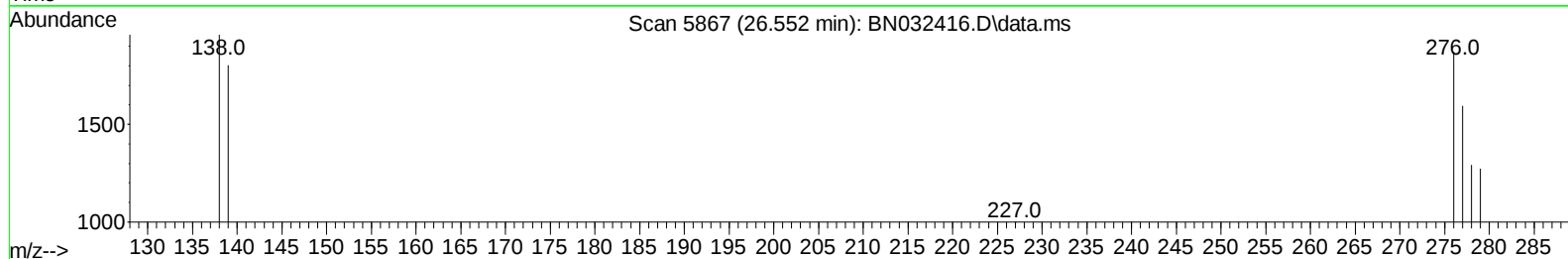
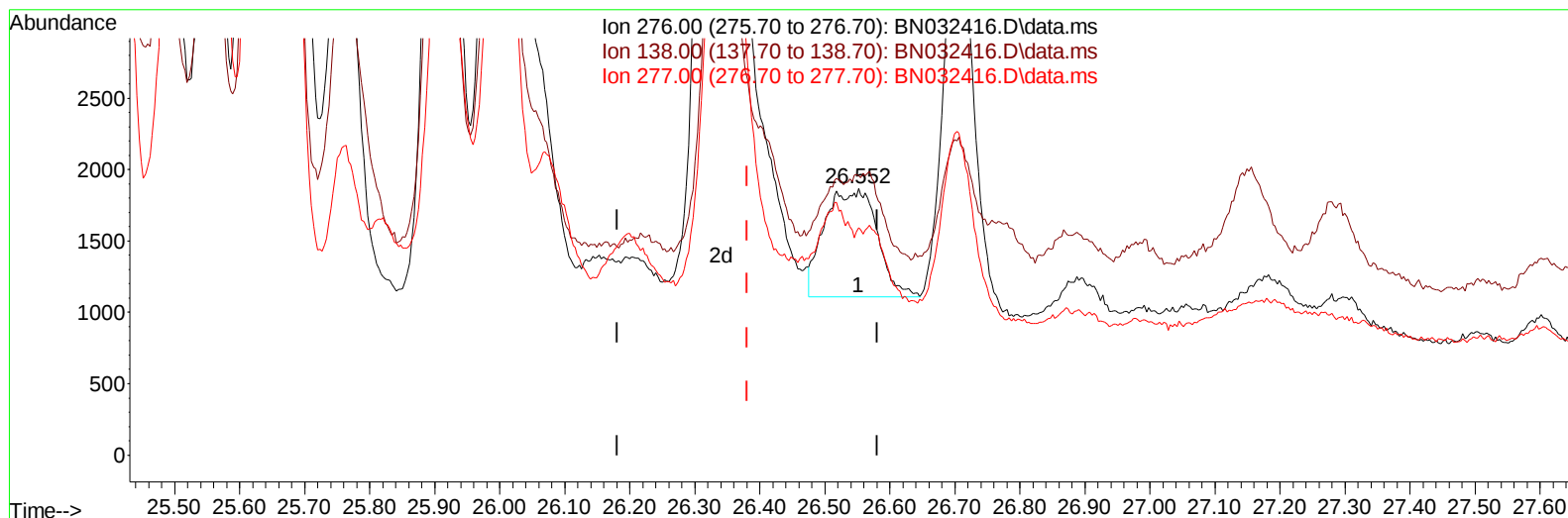
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

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

26.552min (+ 0.171) 0.06 ng/u1

response 4235

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	104.76#
277.00	24.70	85.29#
0.00	0.00	0.00

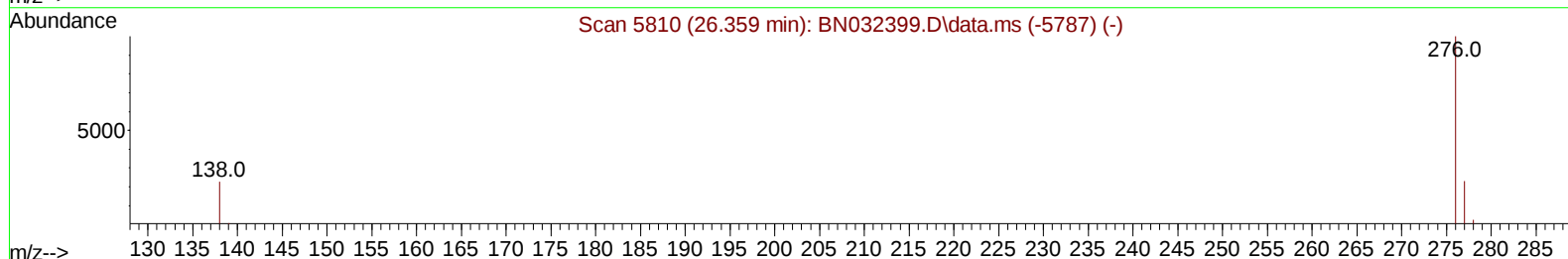
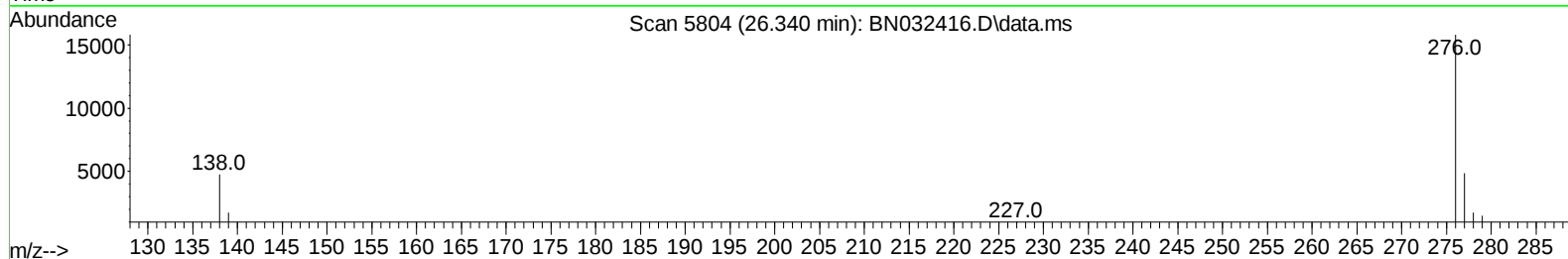
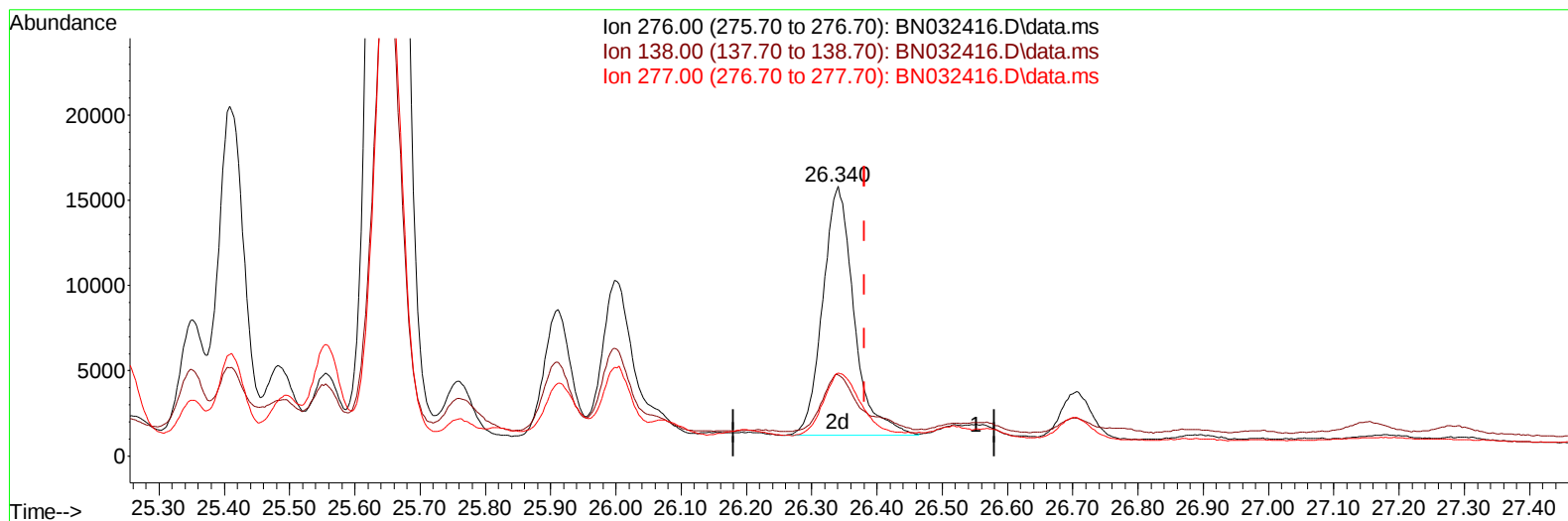
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032416.D
 Acq On : 03 Jul 2024 00:23
 Operator : MA/JU
 Sample : P2963-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032416.D\data.ms

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

26.340min (-0.040) 0.67 ng/ul m

response 48836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.16#
277.00	24.70	30.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032416.D
 Acq On : 03 Jul 2024 00:23
 Operator : MA/JU
 Sample : P2963-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 00:48:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.376	136	22992	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.249	164	13998	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.003	188	27090m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.206	240	15204m	0.400	ng/ul	-0.02
23) Perylene-d12	23.418	264	19436m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	26080	3.278	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	8645	0.251	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	14834m	0.324	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	36858	0.606	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	12239	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	8625	0.206	ng/ul	99
10) Acenaphthylene	13.971	152	49527	0.851	ng/ul	99
11) Acenaphthene	14.313	153	26353	0.583	ng/ul	99
12) Fluorene	15.303	166	31340	0.582	ng/ul	99
14) Pentachlorophenol	16.670	266	327m	0.053	ng/ul	
15) Phenanthrene	17.046	178	669122m	9.009	ng/ul	
16) Anthracene	17.138	178	124855m	1.885	ng/ul	
19) Fluoranthene	19.069	202	1334551m	23.051	ng/ul	
20) Pyrene	19.436	202	923286m	15.260	ng/ul	
21) Benzo(a)anthracene	21.188	228	537902m	9.802	ng/ul	
22) Chrysene	21.241	228	639370m	10.615	ng/ul	
24) Benzo(b)fluoranthene	22.754	252	908860m	10.763	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	325297m	3.965	ng/ul	
26) Benzo(a)pyrene	23.322	252	321661m	5.475	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.650	276	335129m	3.643	ng/ul	
28) Dibenzo(a,h)anthracene	25.653	278	119519m	1.749	ng/ul	
29) Benzo(g,h,i)perylene	26.340	276	48836m	0.666	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032416.D
Acq On : 03 Jul 2024 00:23
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR9

Manual IntegrationsAPPROVED

Quant Time: Jul 03 00:48:35 2024
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