

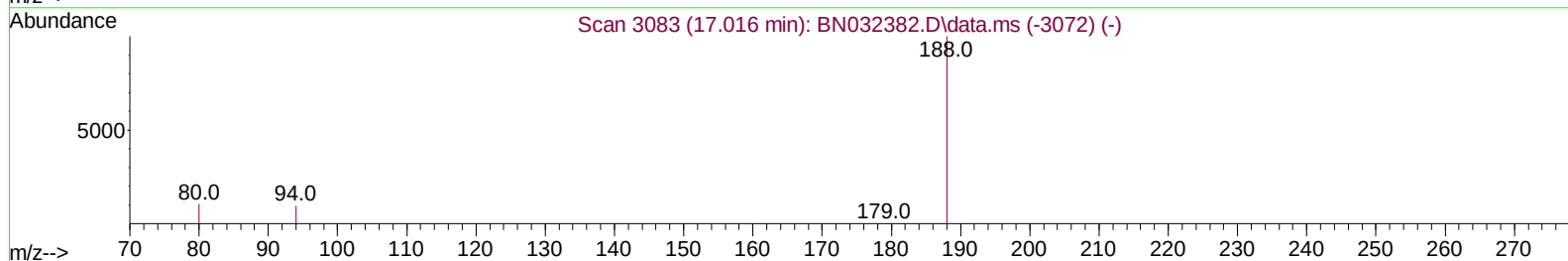
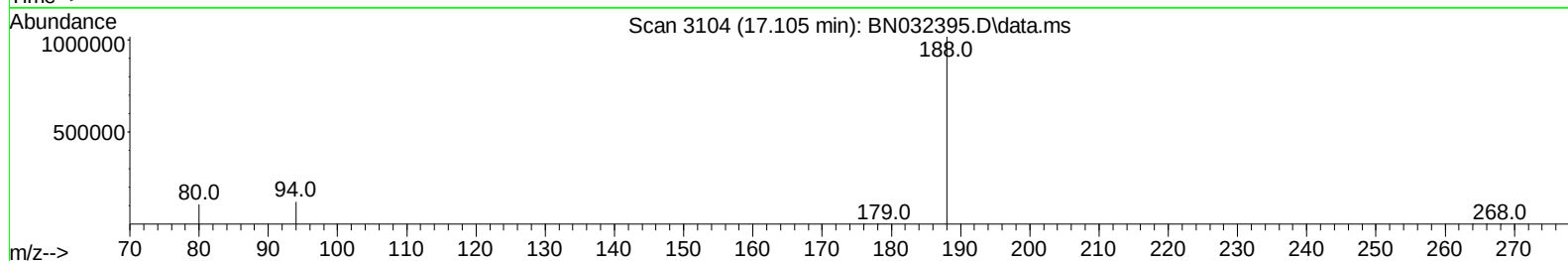
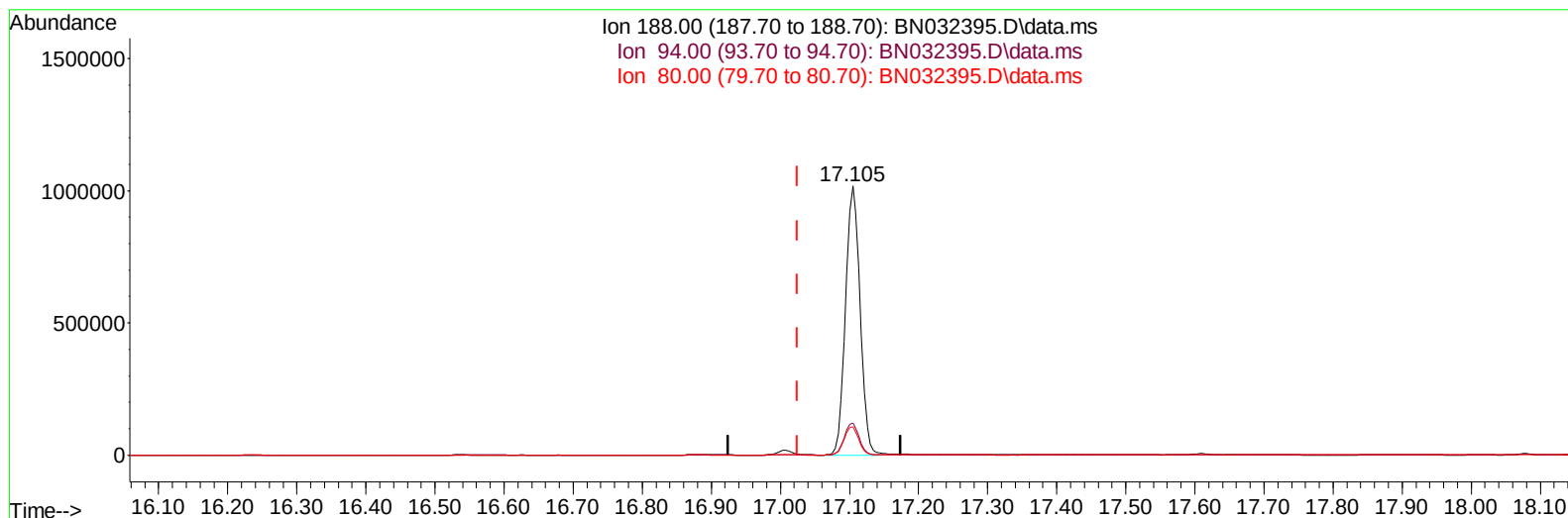
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 1490698

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.89
80.00	10.50	10.44
0.00	0.00	0.00

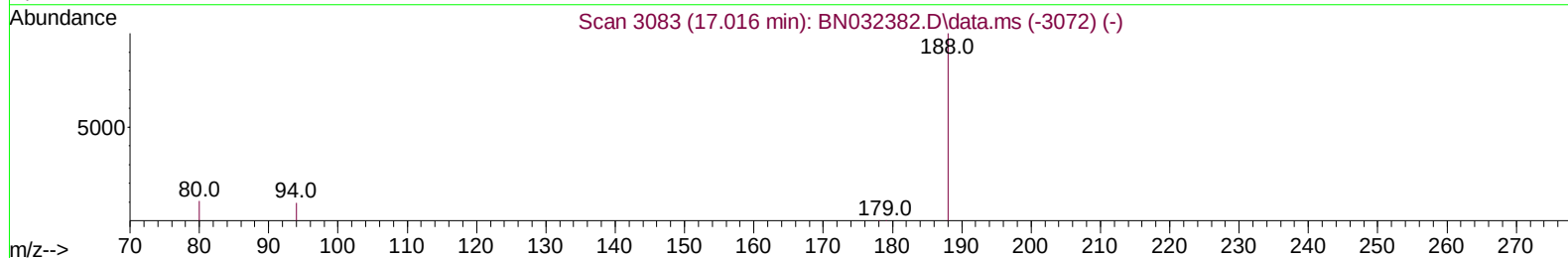
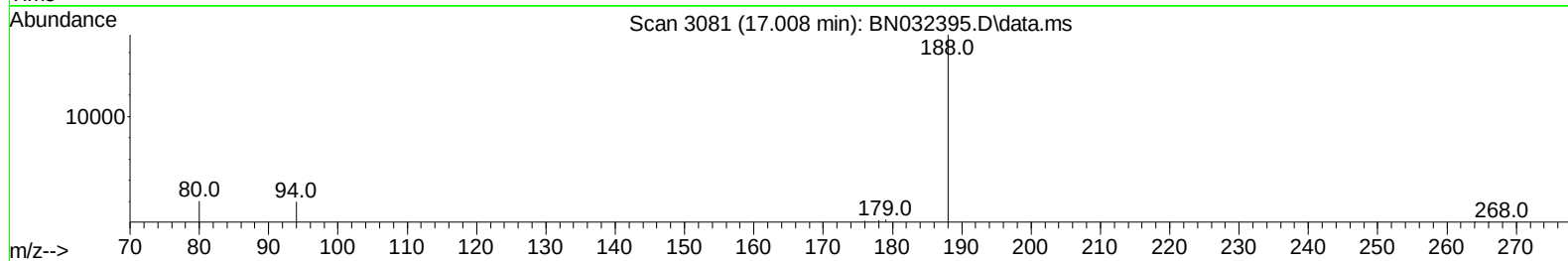
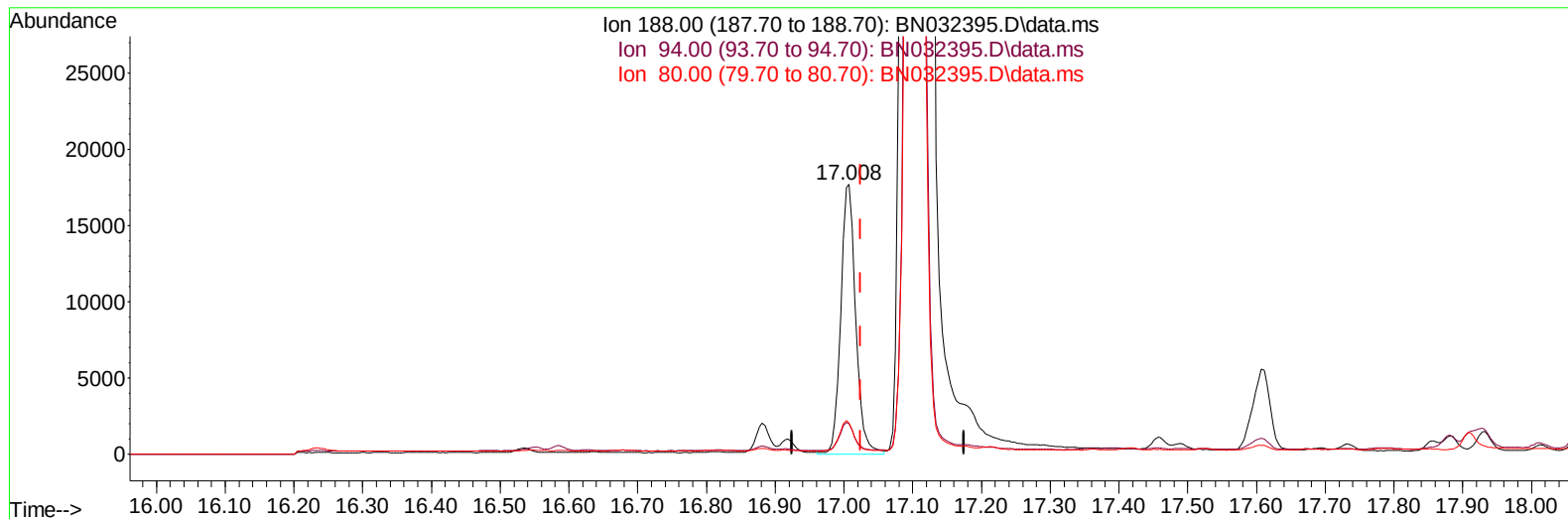
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (-0.017) 0.40 ng/ul m

response 26649

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.17
80.00	10.50	11.53
0.00	0.00	0.00

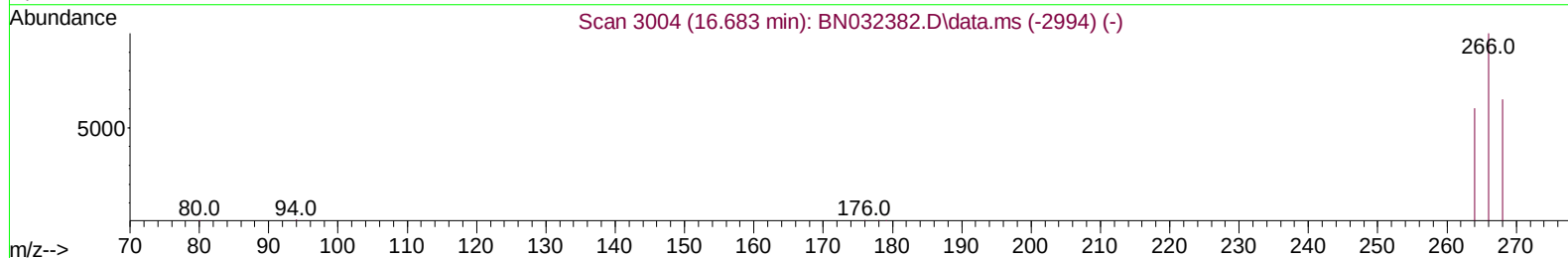
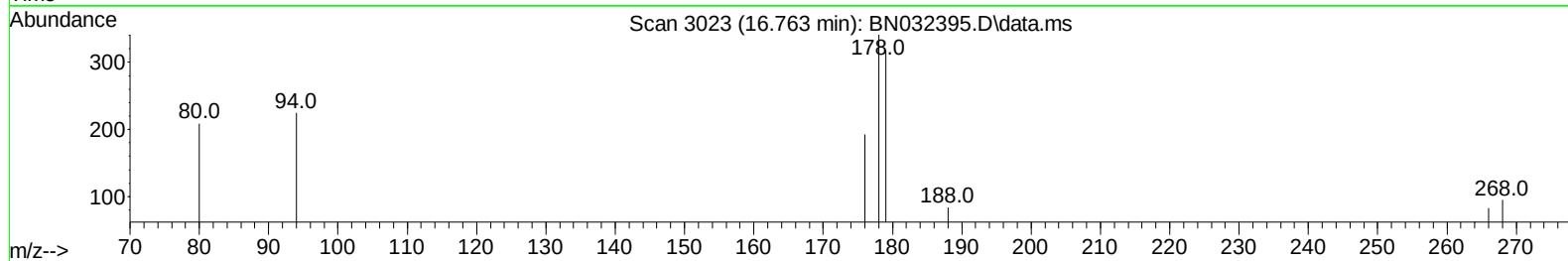
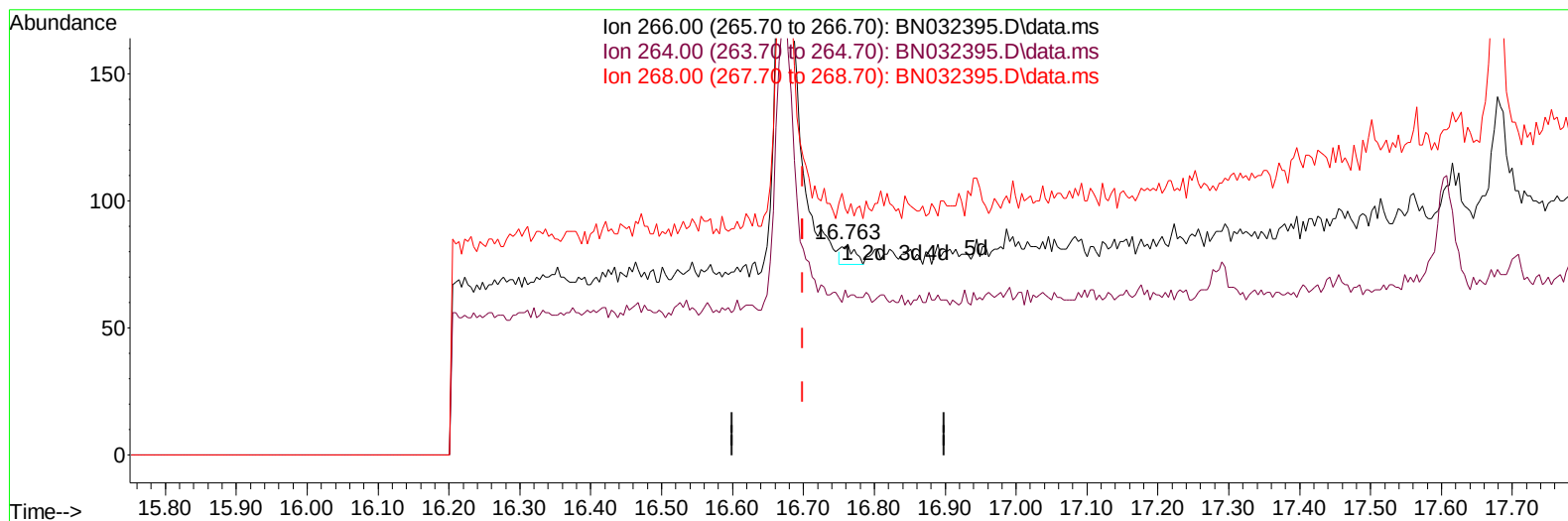
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(14) Pentachlorophenol

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	60.00
0.00	0.00	0.00

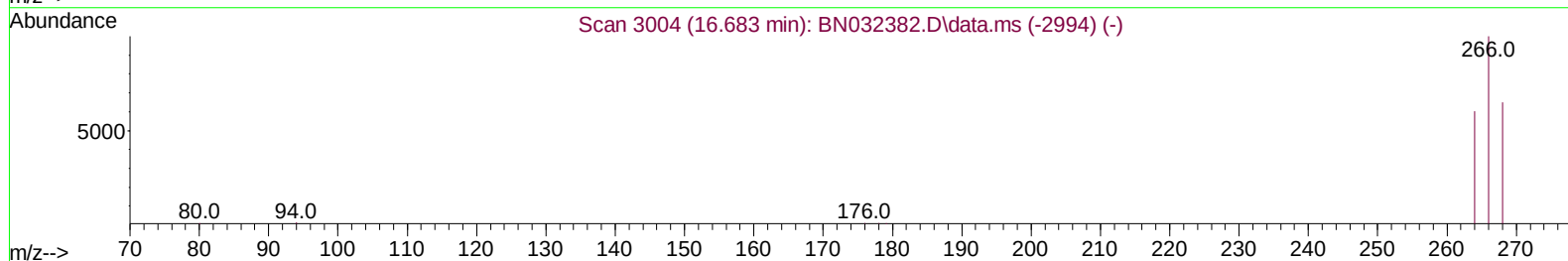
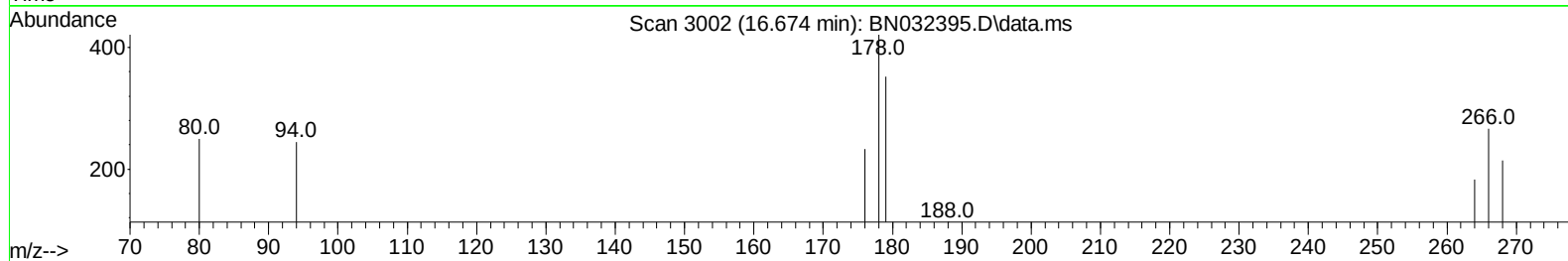
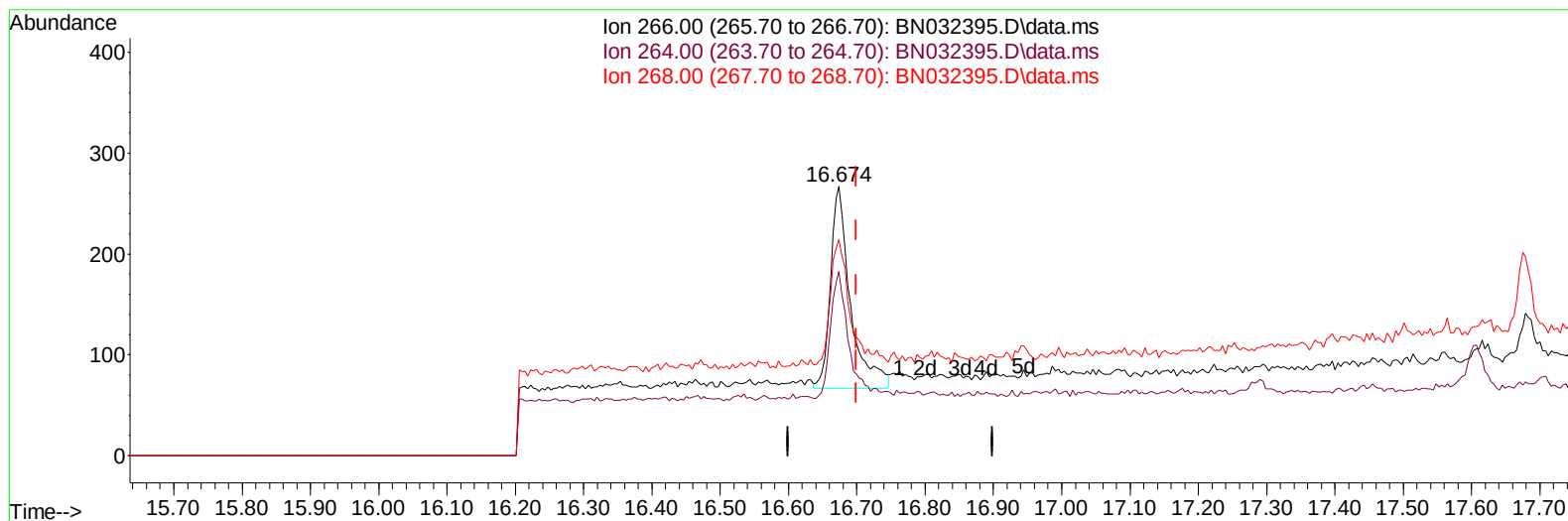
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(14) Pentachlorophenol

16.674min (-0.025) 0.07 ng/ul m

response 404

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.99#
268.00	65.50	1.49#
0.00	0.00	0.00

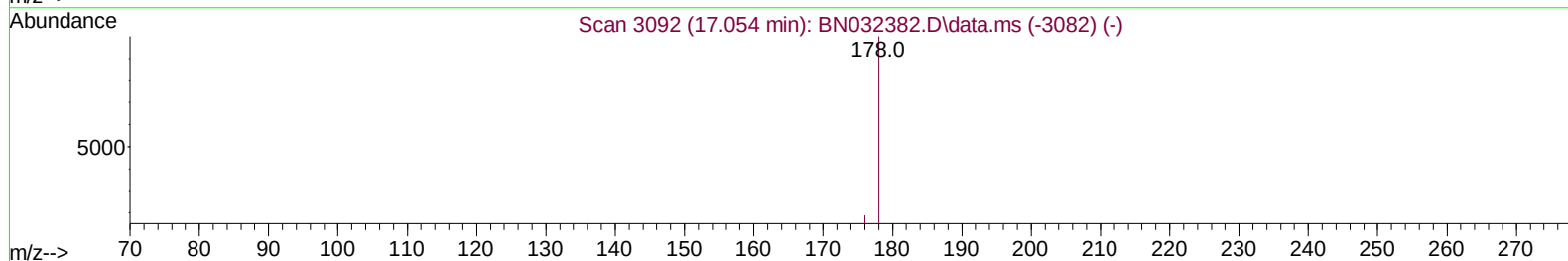
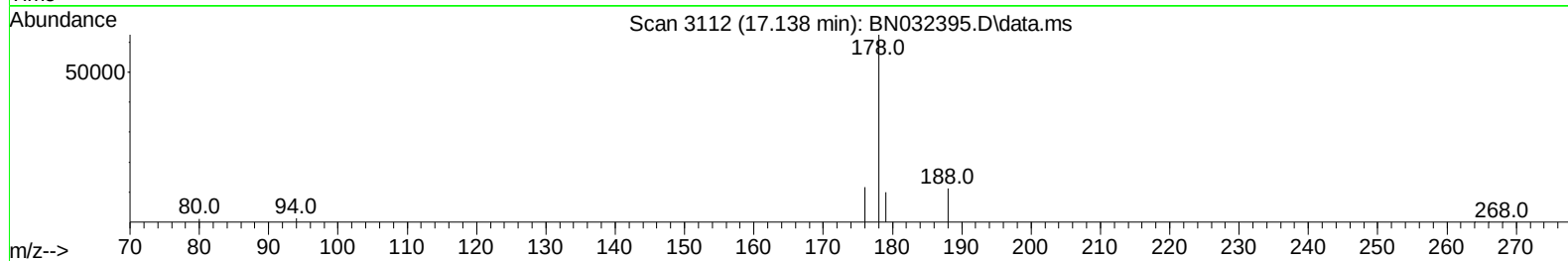
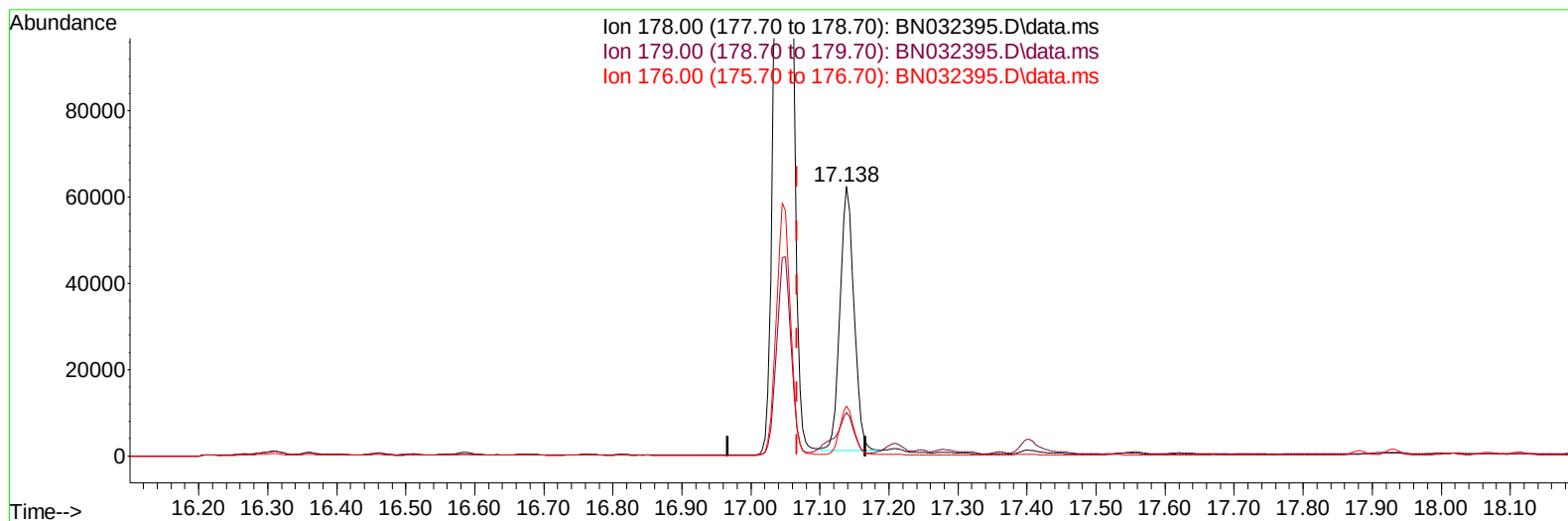
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
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TIC: BN032395.D\data.ms

(15) Phenanthrene

17.138min (+ 0.072) 1.17 ng/u1

response 85832

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.18
176.00	19.50	18.62
0.00	0.00	0.00

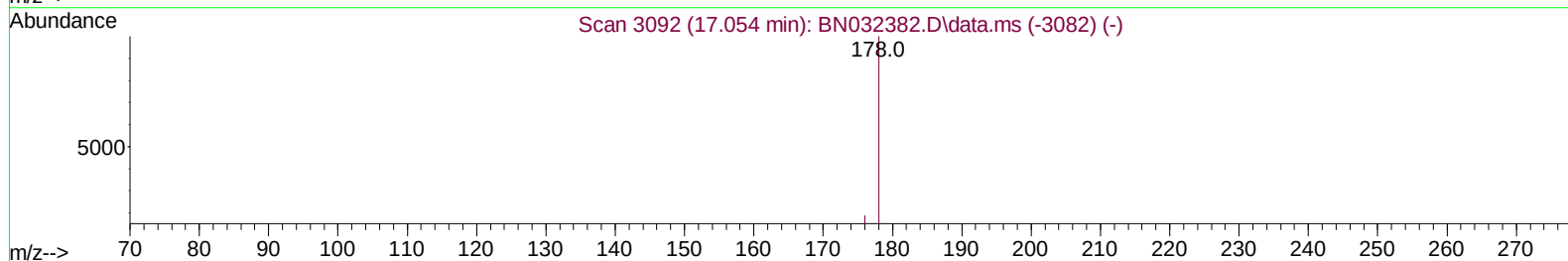
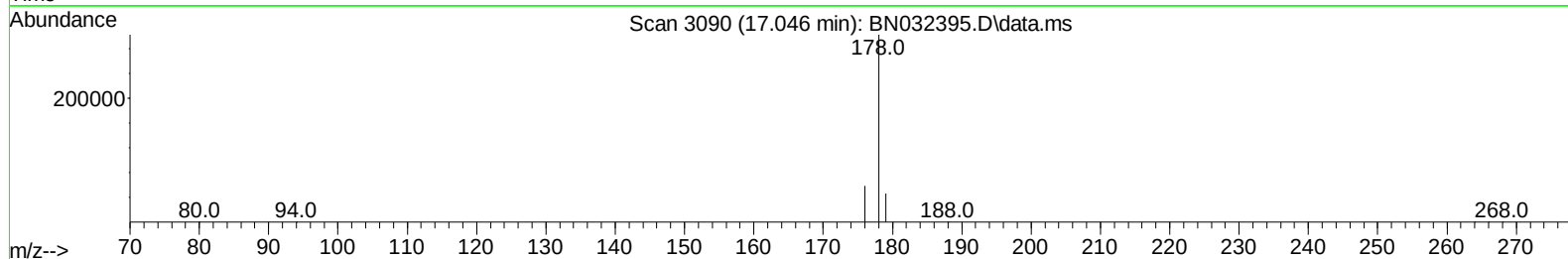
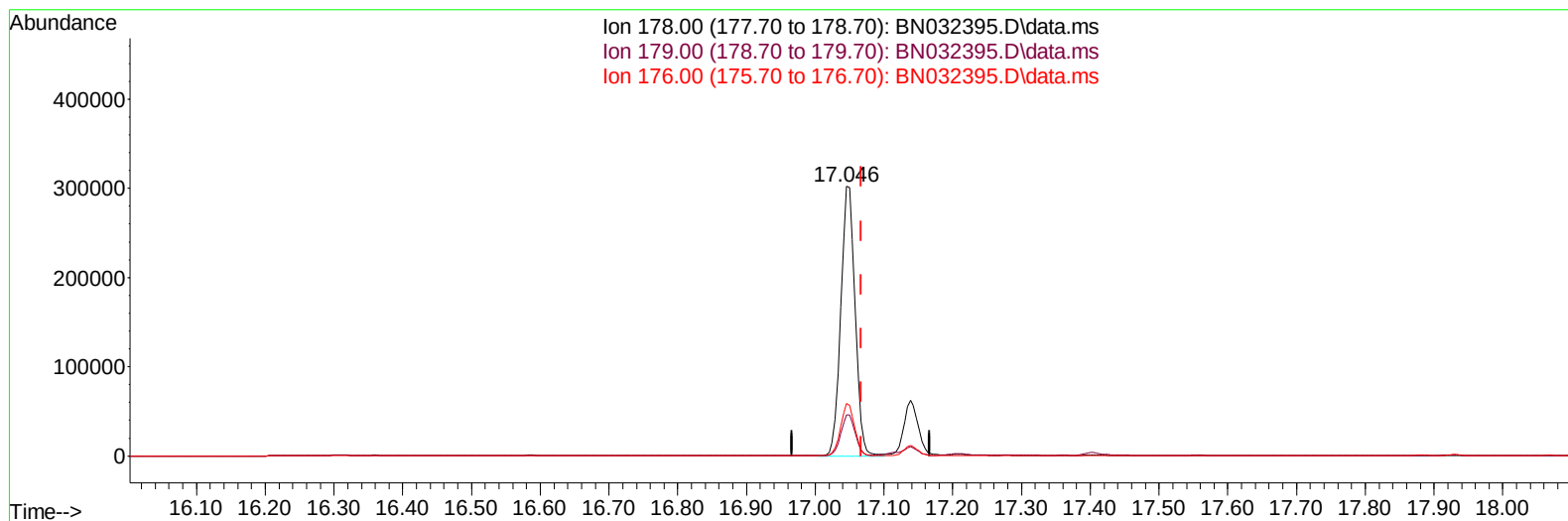
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 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



TIC: BN032395.D\data.ms

(15) Phenanthrene

17.046min (-0.021) 6.00 ng/ul m

response 438240

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.24
176.00	19.50	19.45
0.00	0.00	0.00

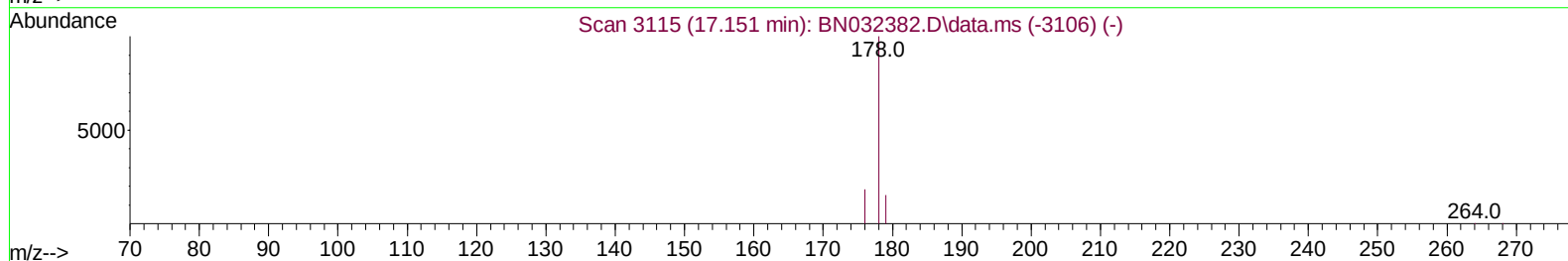
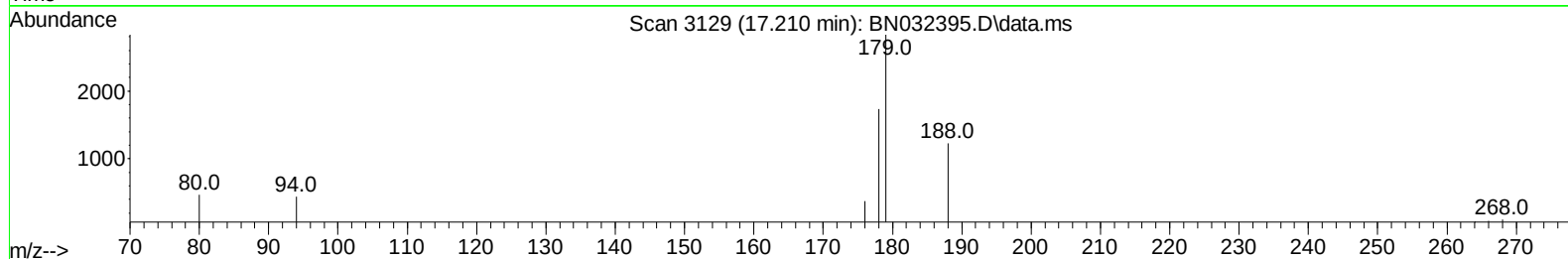
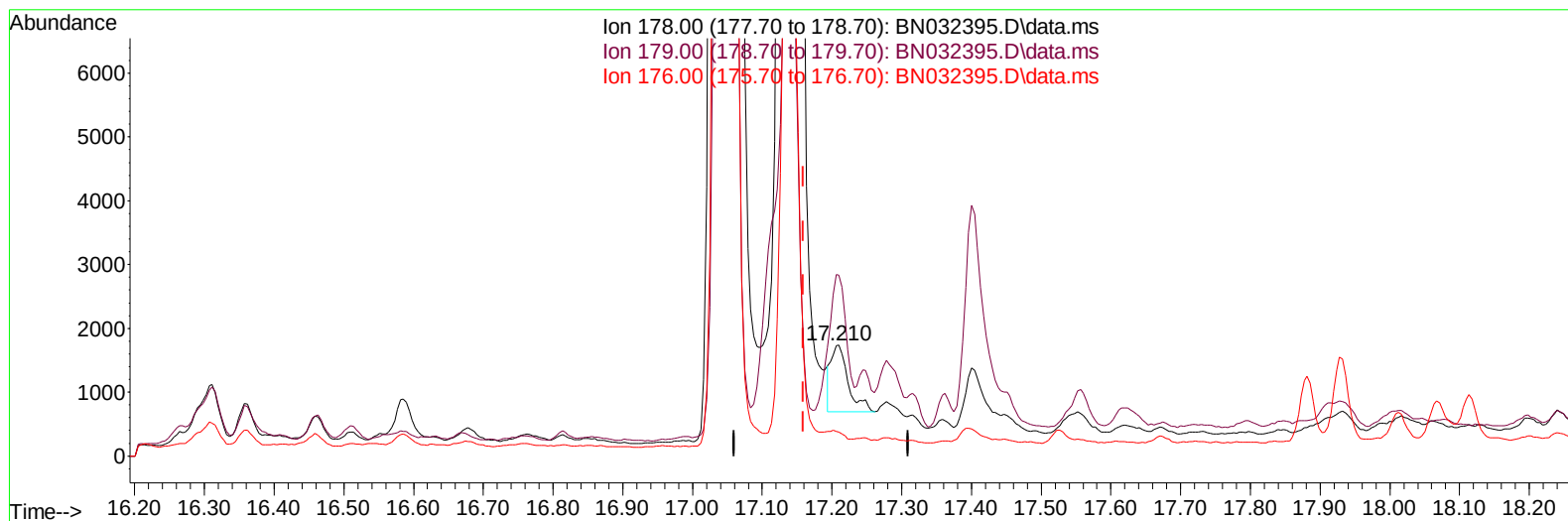
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(16) Anthracene

17.210min (+ 0.051) 0.03 ng/u1

response 1793

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	162.95#
176.00	18.80	21.75
0.00	0.00	0.00

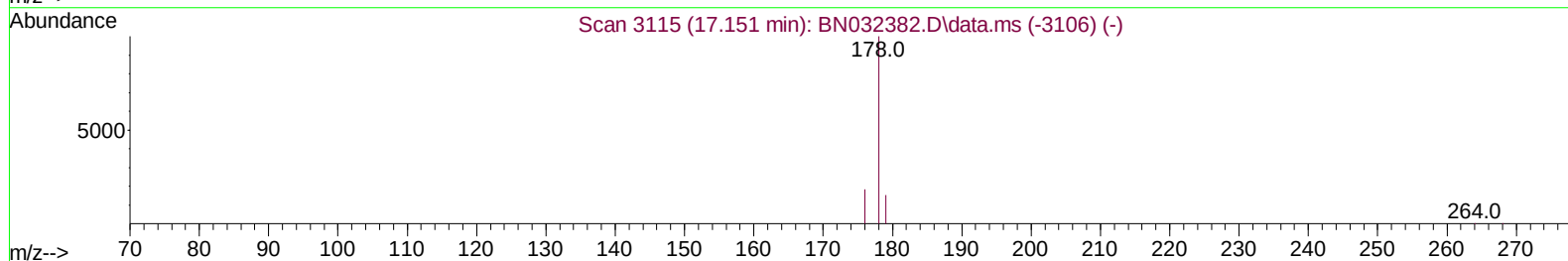
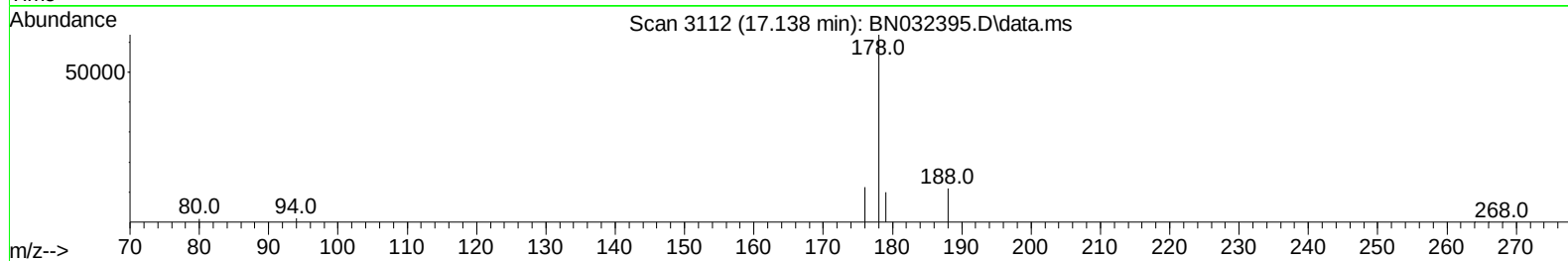
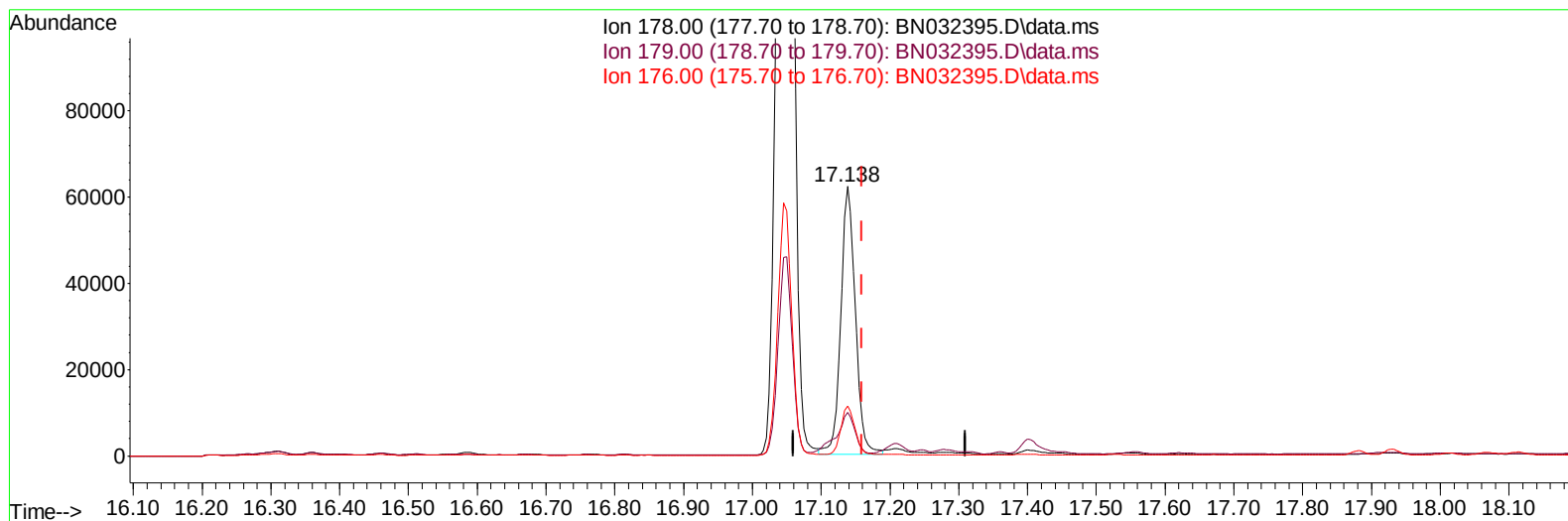
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(16) Anthracene

17.138min (-0.021) 1.40 ng/ul m

response 91347

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.18
176.00	18.80	18.62
0.00	0.00	0.00

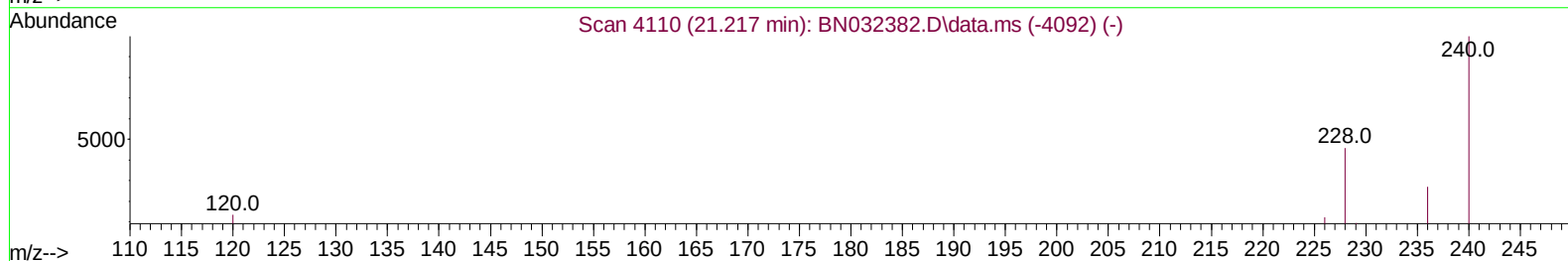
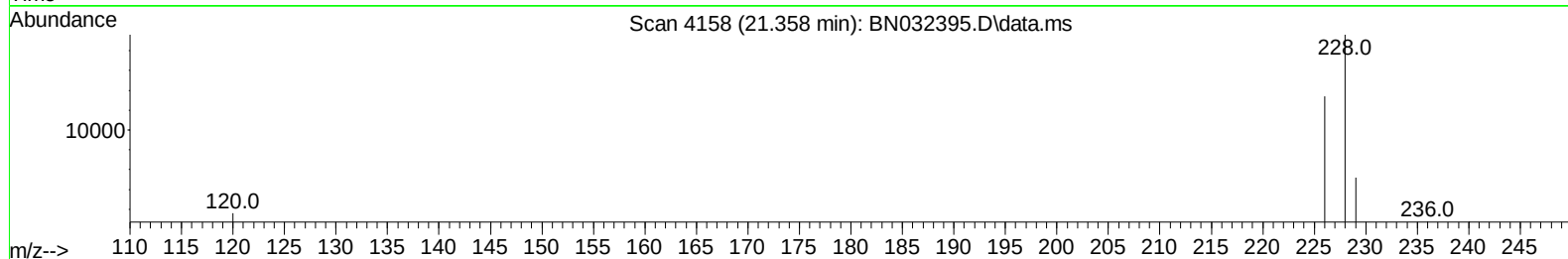
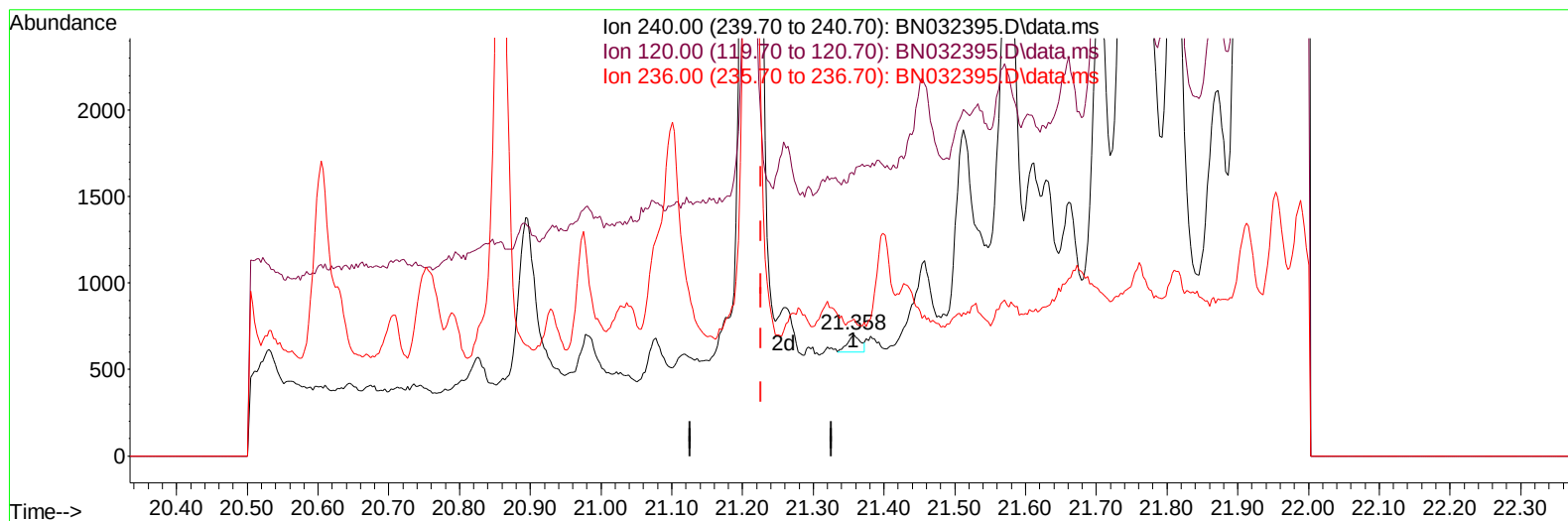
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032395.D\data.ms

(17) Chrysene-d12

21.358min (+ 0.131) 0.40 ng/u1

response 129

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	232.10#
236.00	28.40	113.12#
0.00	0.00	0.00

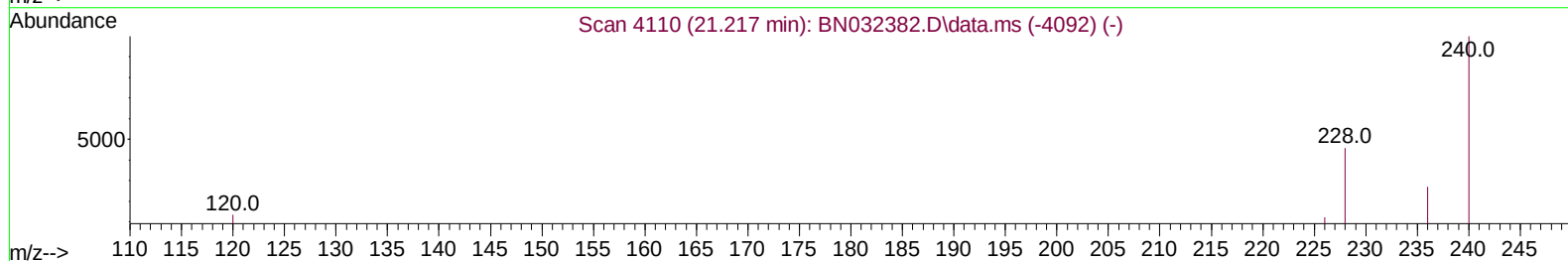
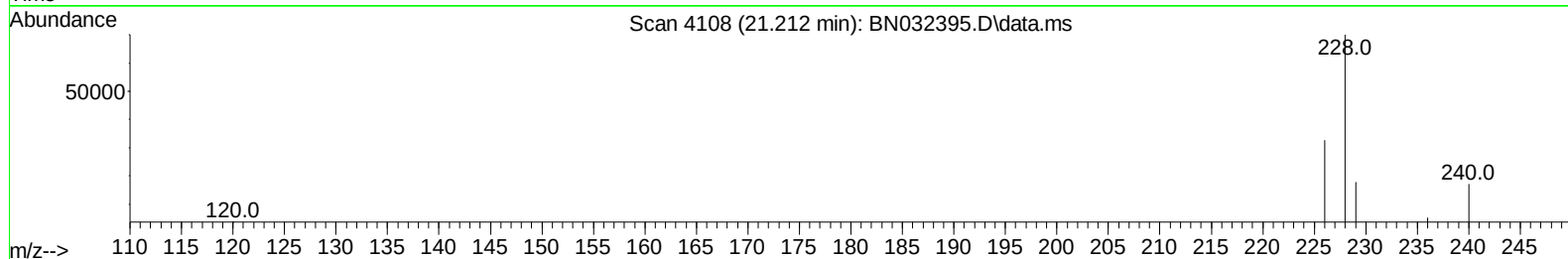
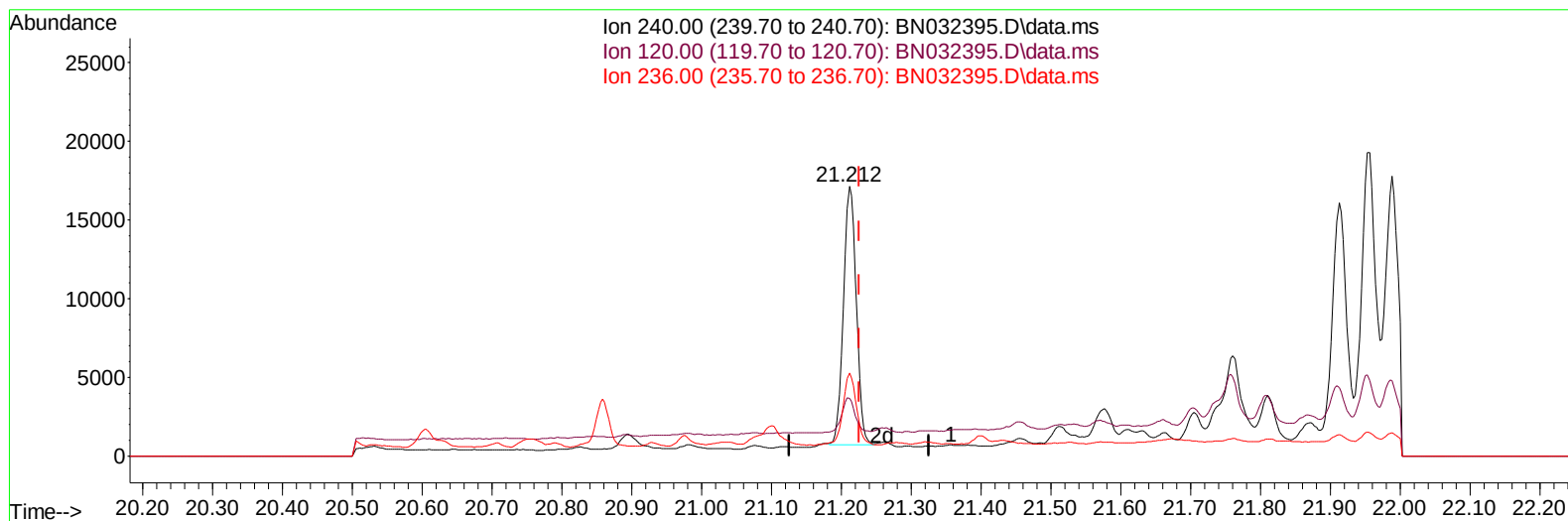
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 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



TIC: BN032395.D\data.ms

(17) Chrysene-d12

21.212min (-0.015) 0.40 ng/ul m

response 20899

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	21.35#
236.00	28.40	30.68
0.00	0.00	0.00

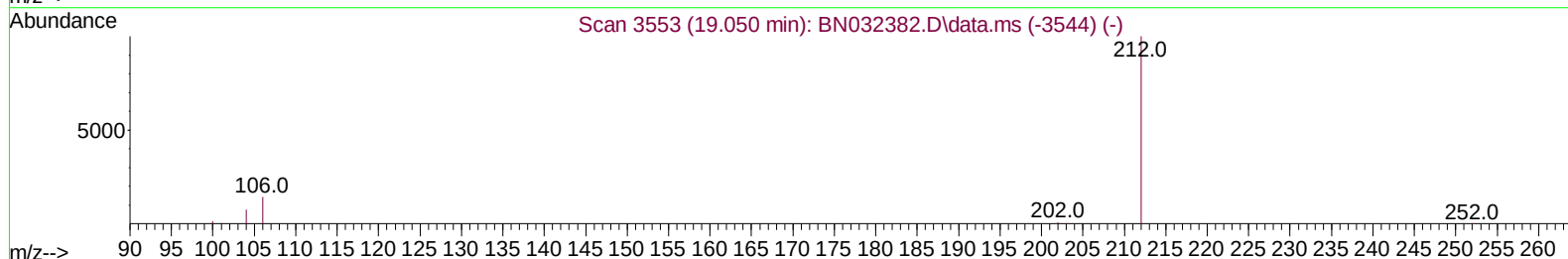
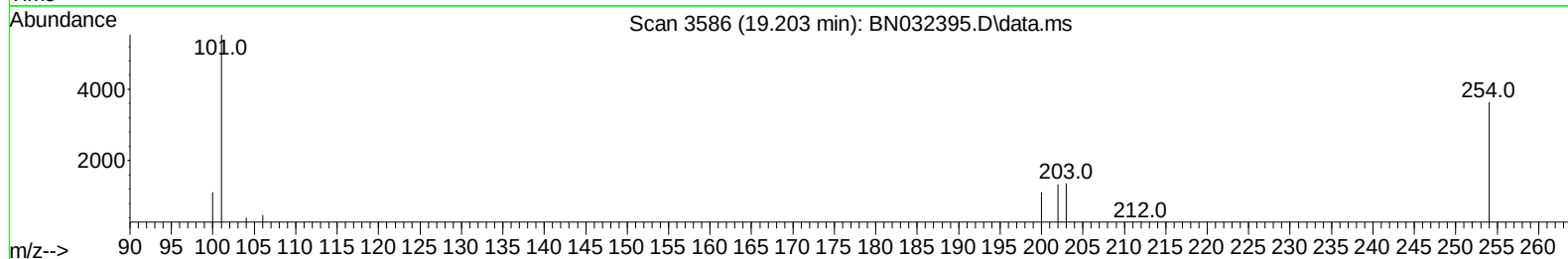
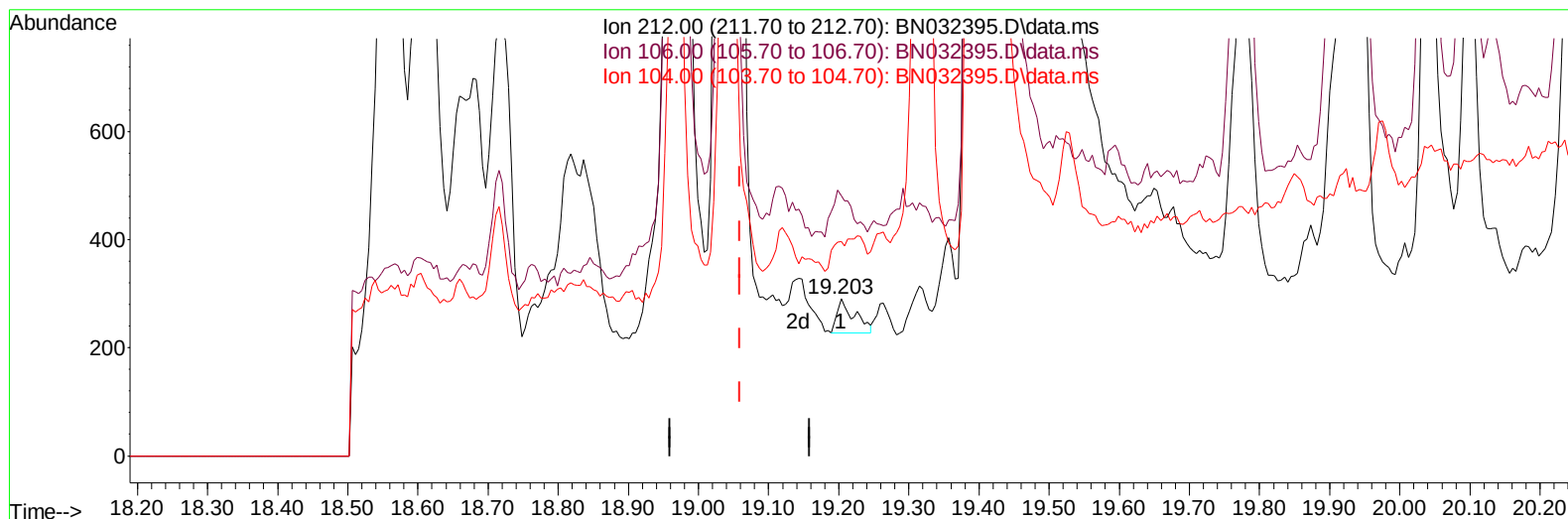
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BN032395.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.144) 0.00 ng/u1

response 110

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	123.64#
104.00	8.40	62.73#
0.00	0.00	0.00

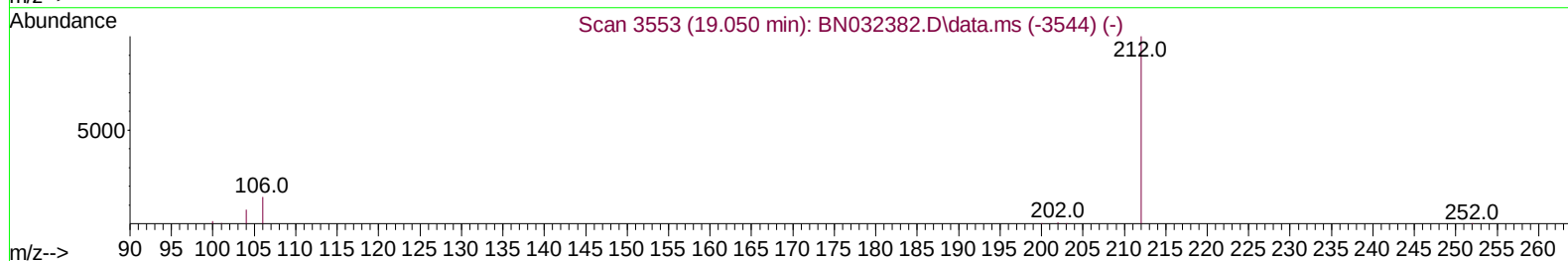
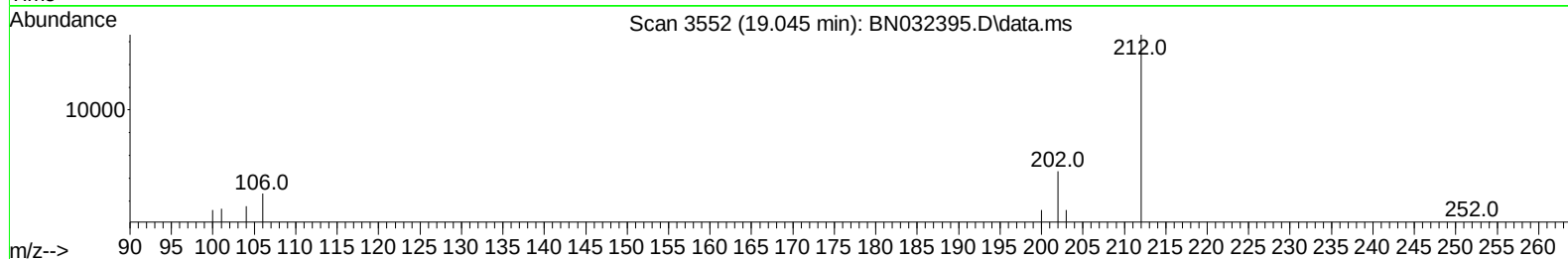
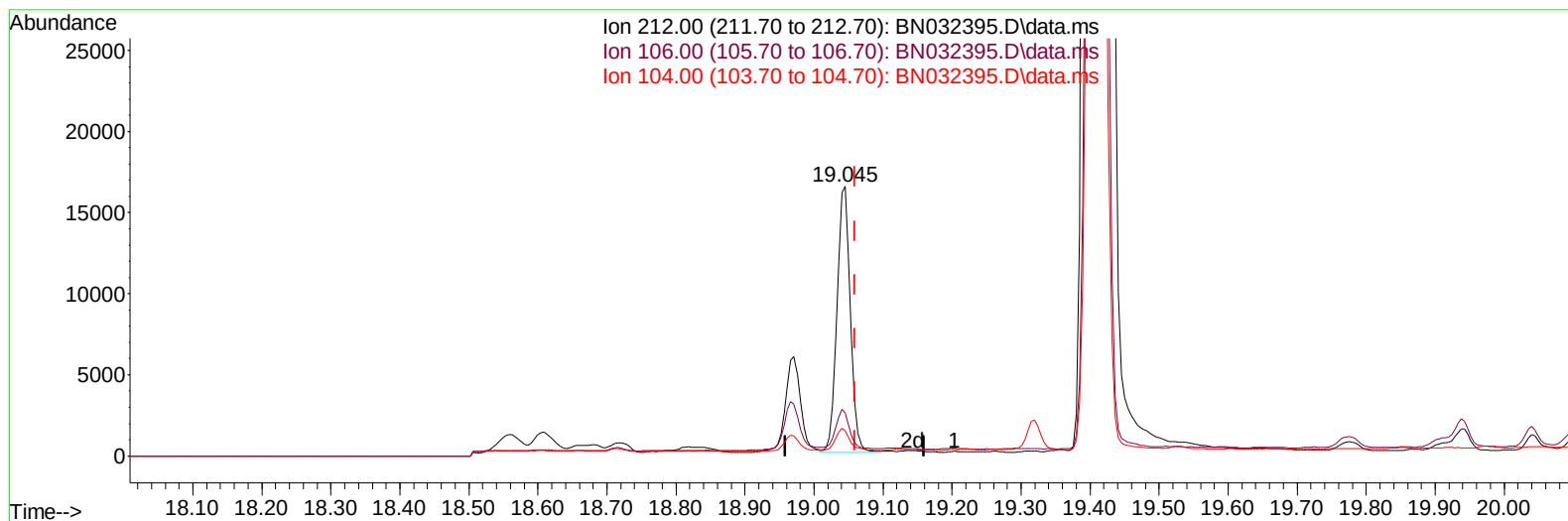
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.35 ng/ul m

response 22121

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.61#
104.00	8.40	0.31#
0.00	0.00	0.00

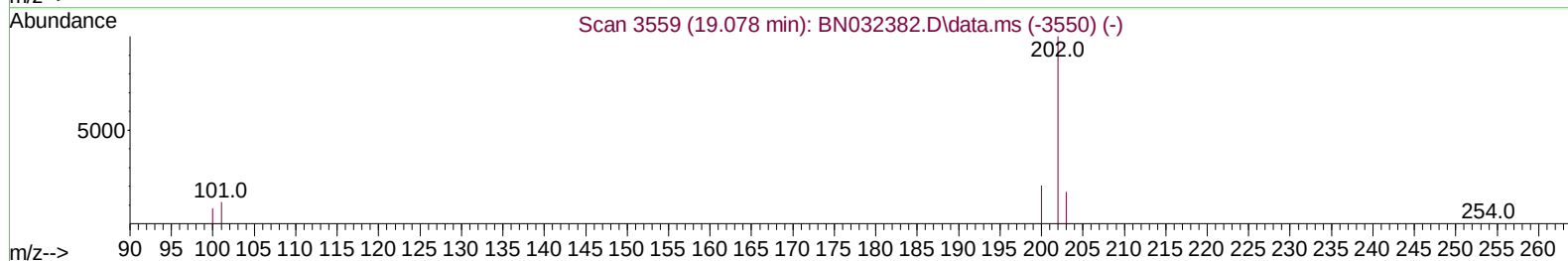
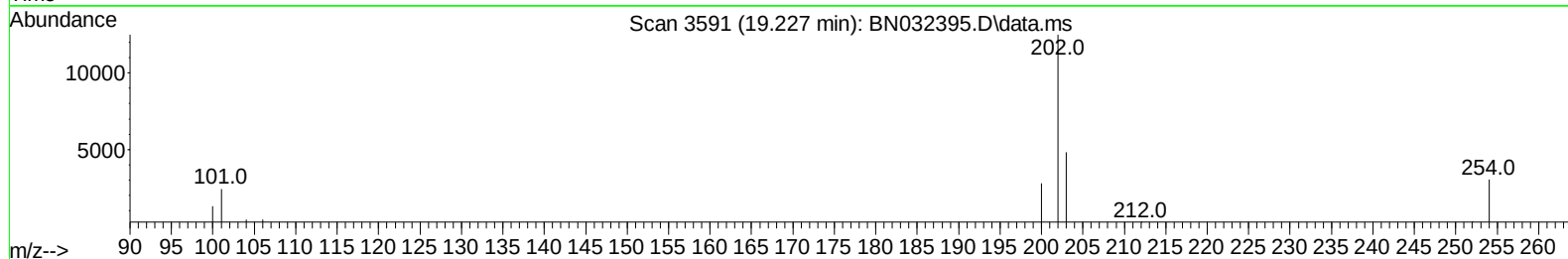
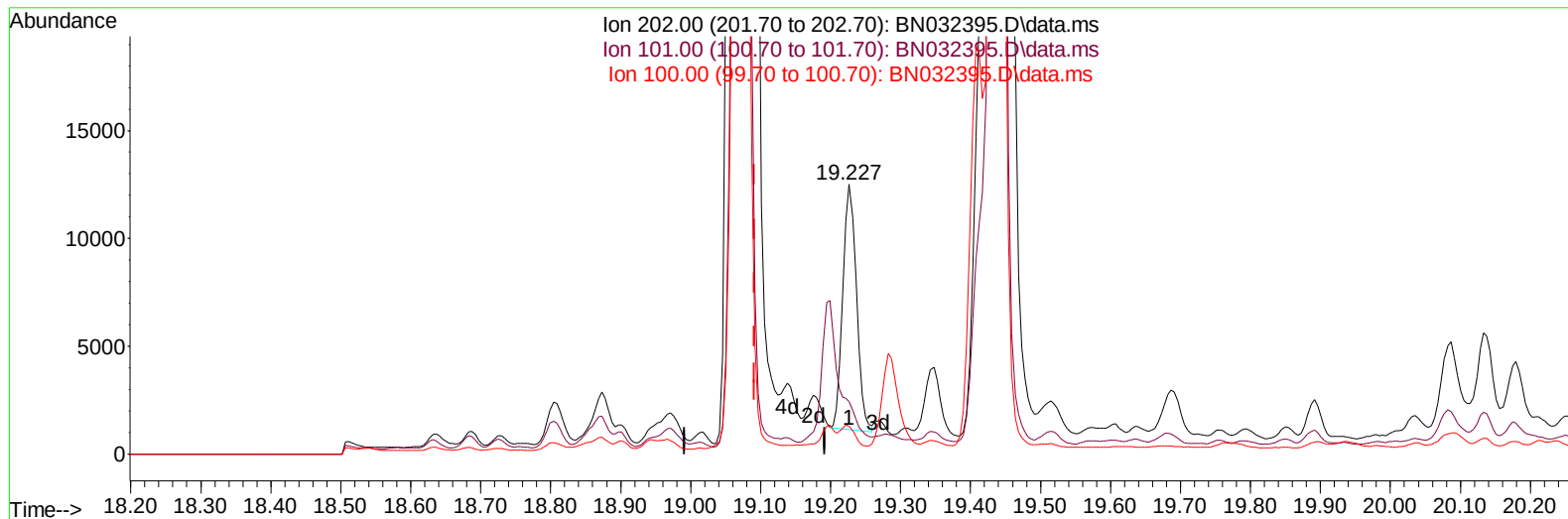
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
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Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.135) 0.19 ng/u1

response 15239

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	19.42#
100.00	8.00	10.18#
0.00	0.00	0.00

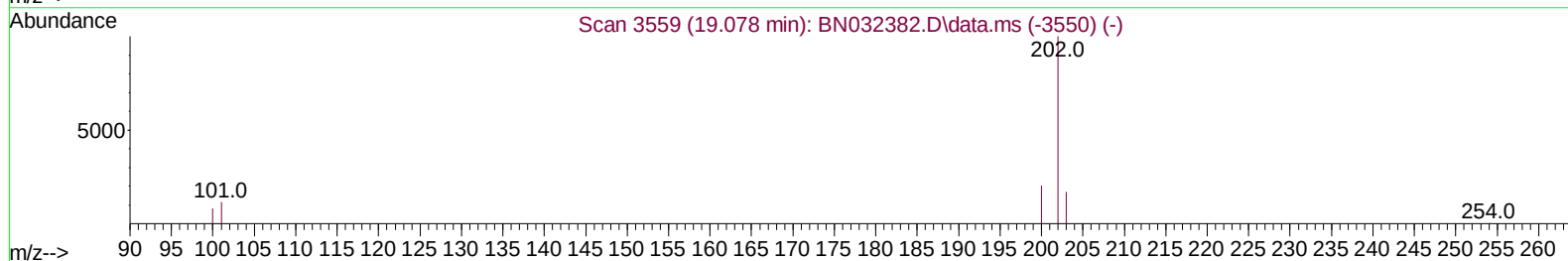
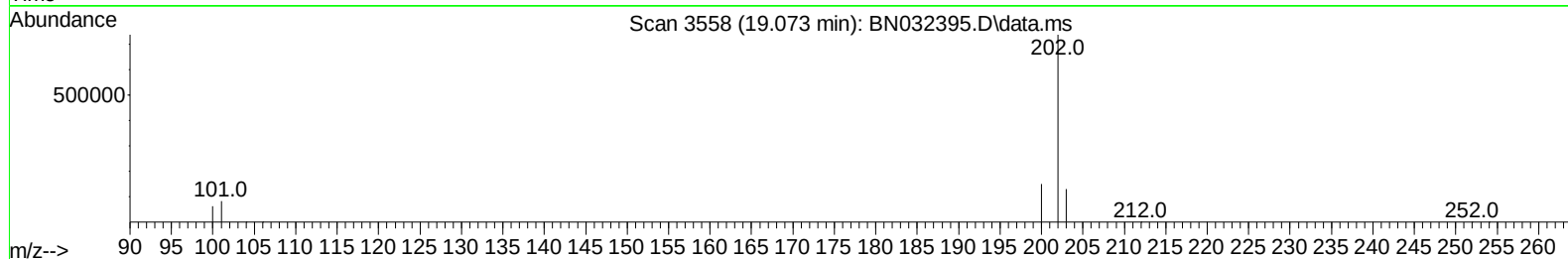
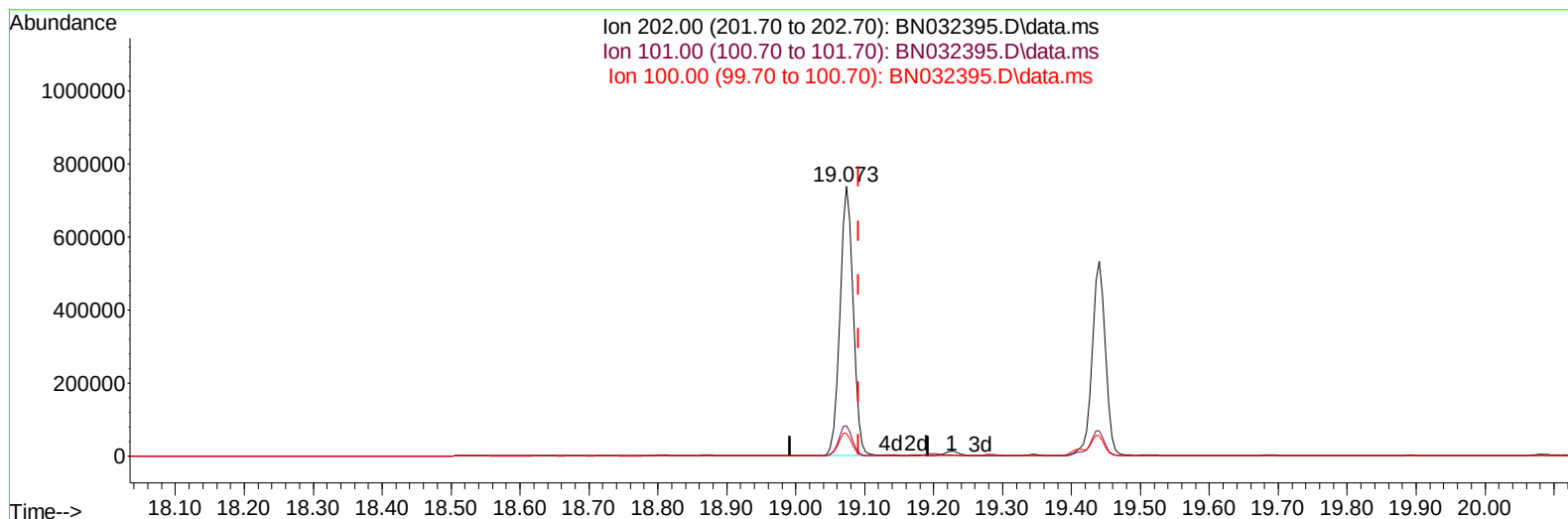
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.019) 12.40 ng/ul m

response 987145

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.25
100.00	8.00	8.42
0.00	0.00	0.00

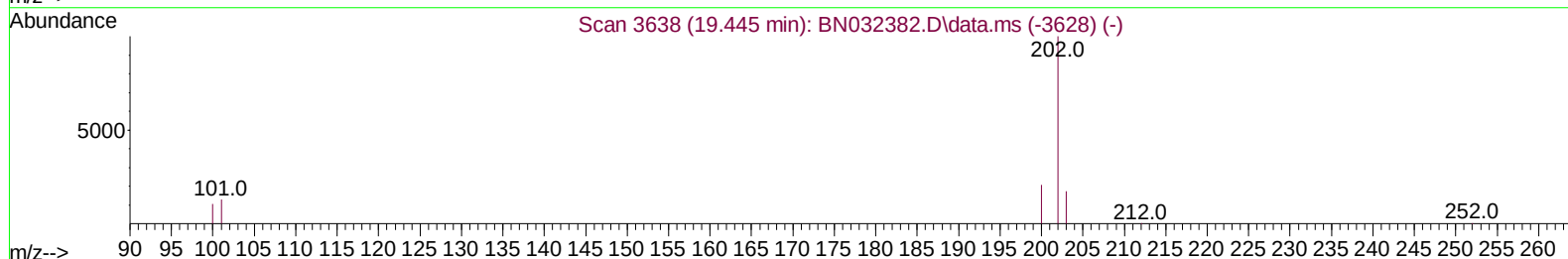
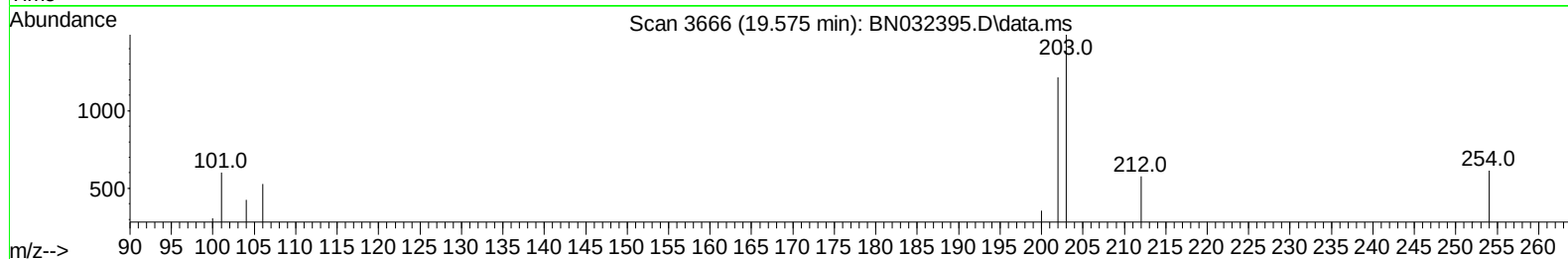
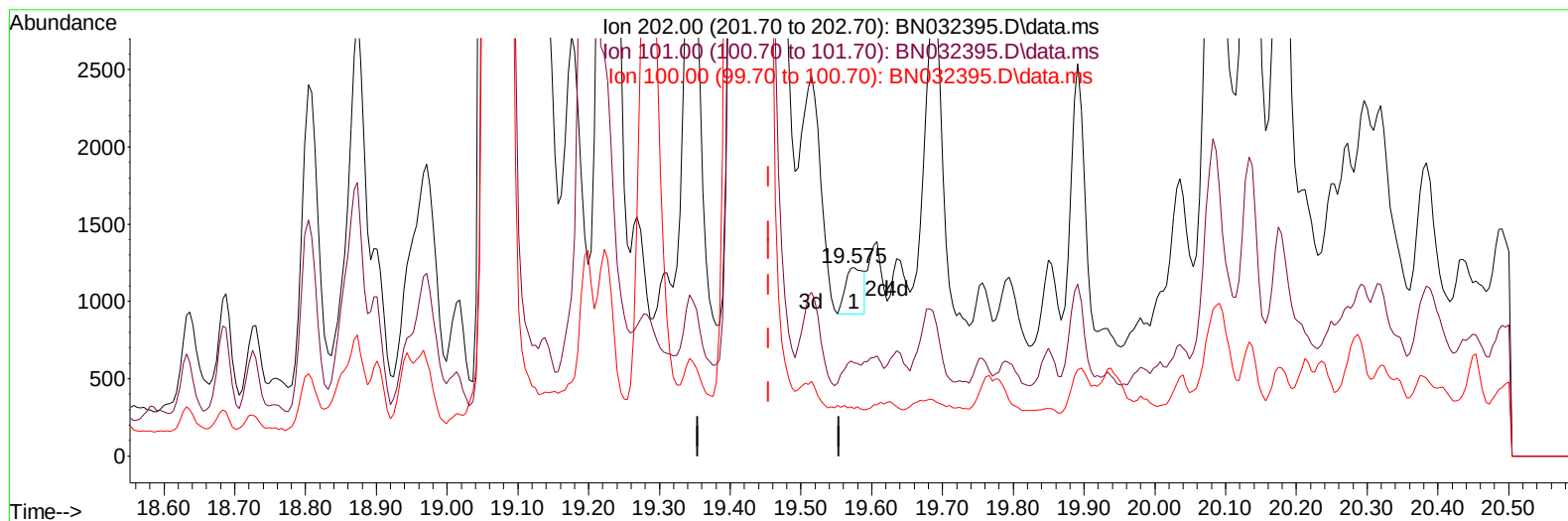
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(20) Pyrene

19.575min (+ 0.121) 0.01 ng/u1

response 530

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	49.63#
100.00	10.90	25.31#
0.00	0.00	0.00

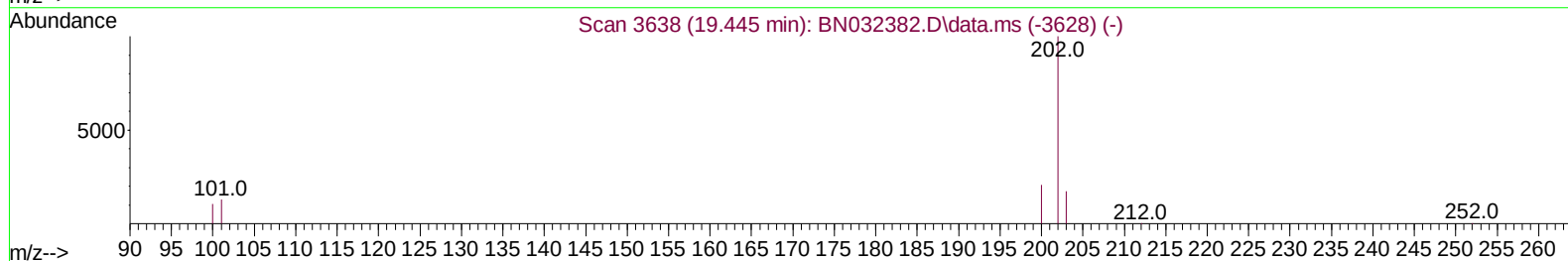
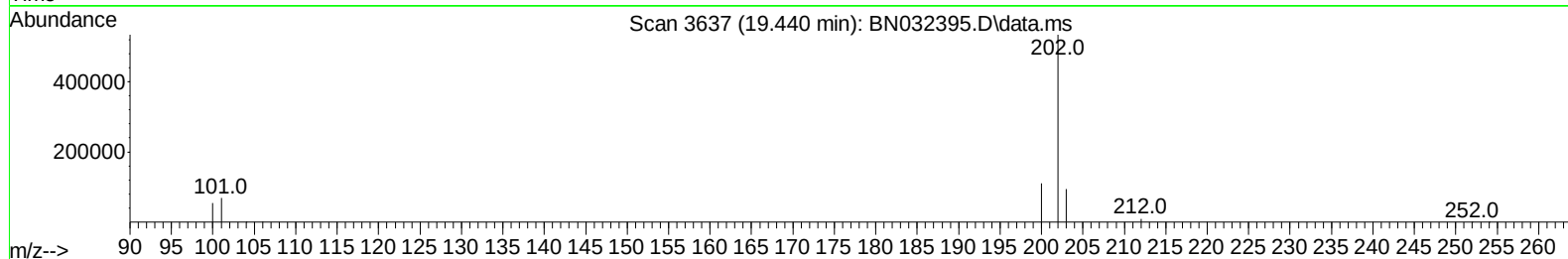
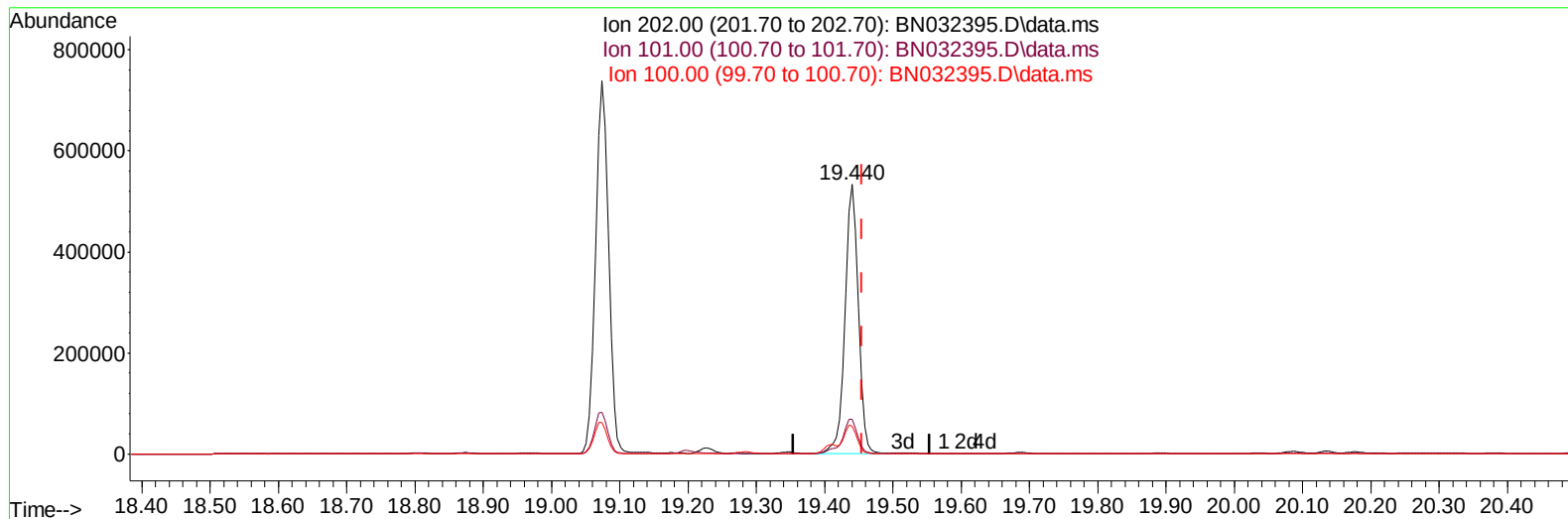
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(20) Pyrene

19.440min (-0.014) 8.71 ng/ul m

response 724510

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.84
100.00	10.90	10.30
0.00	0.00	0.00

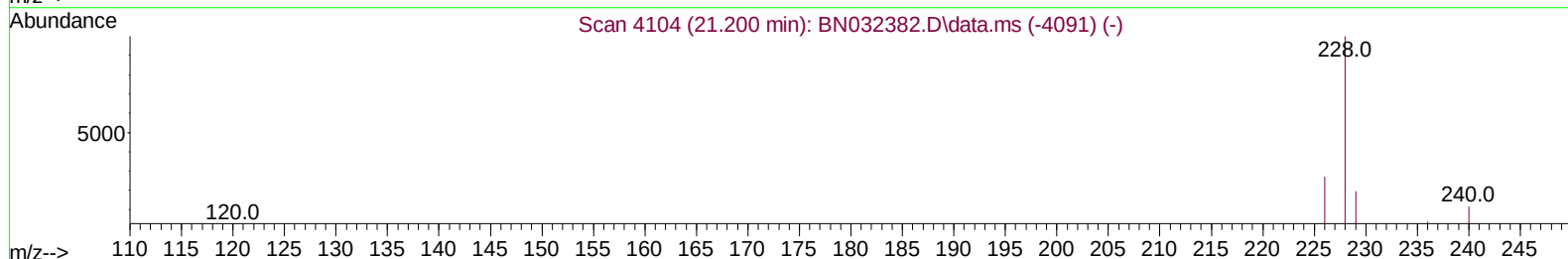
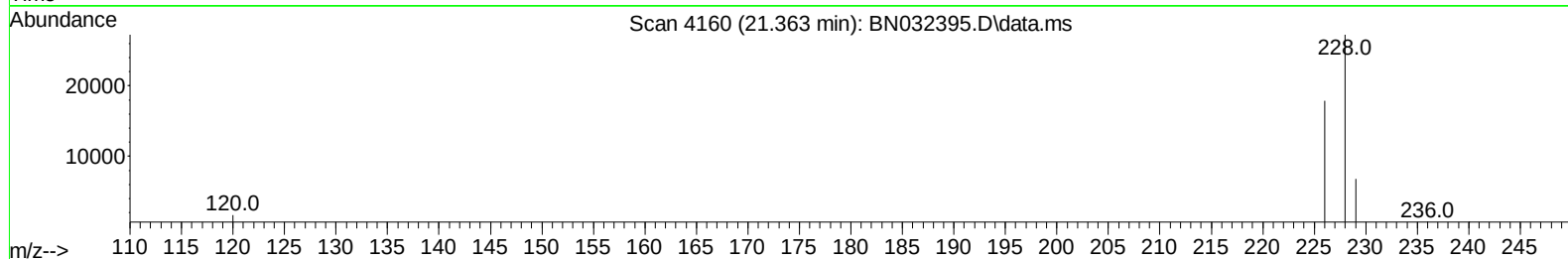
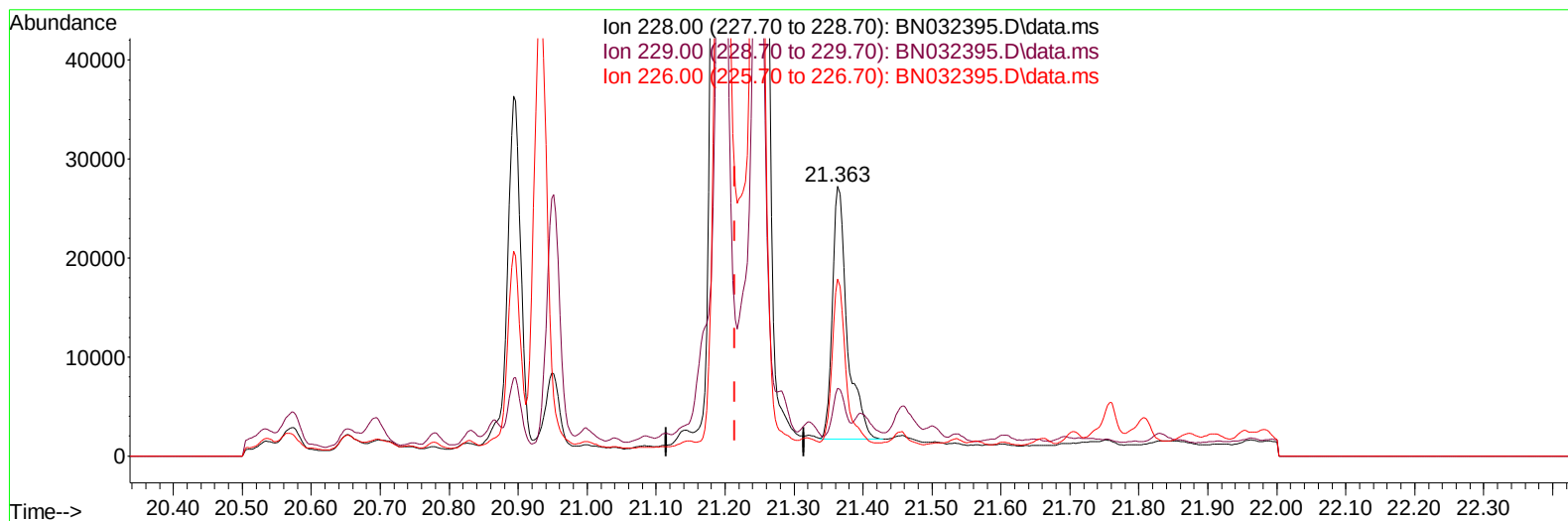
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.149) 0.51 ng/u1

response 38386

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.06#
226.00	27.30	65.78#
0.00	0.00	0.00

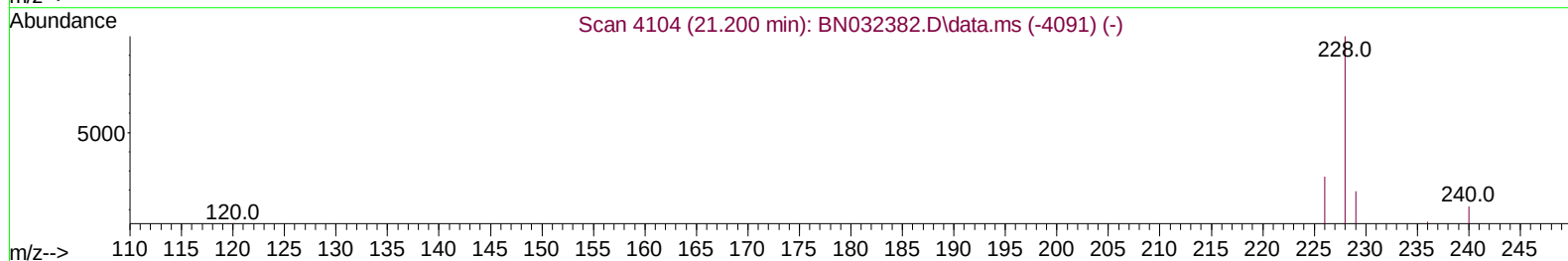
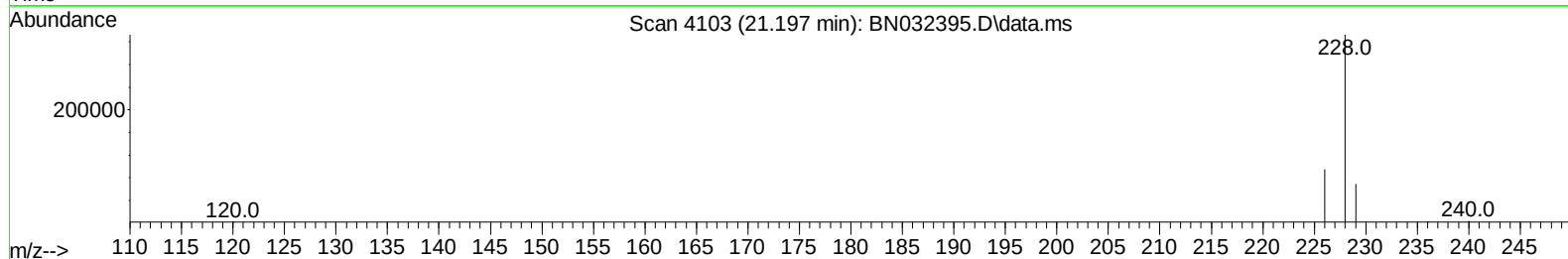
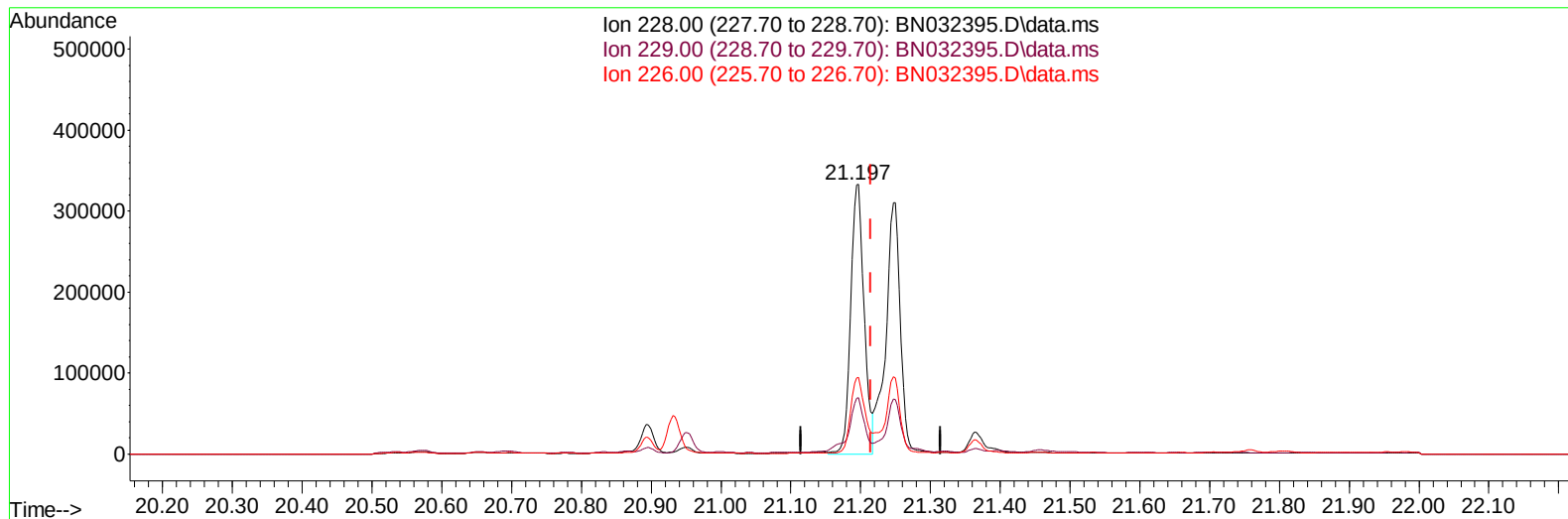
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 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



TIC: BN032395.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 5.92 ng/ul m

response 446460

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.87
226.00	27.30	28.43
0.00	0.00	0.00

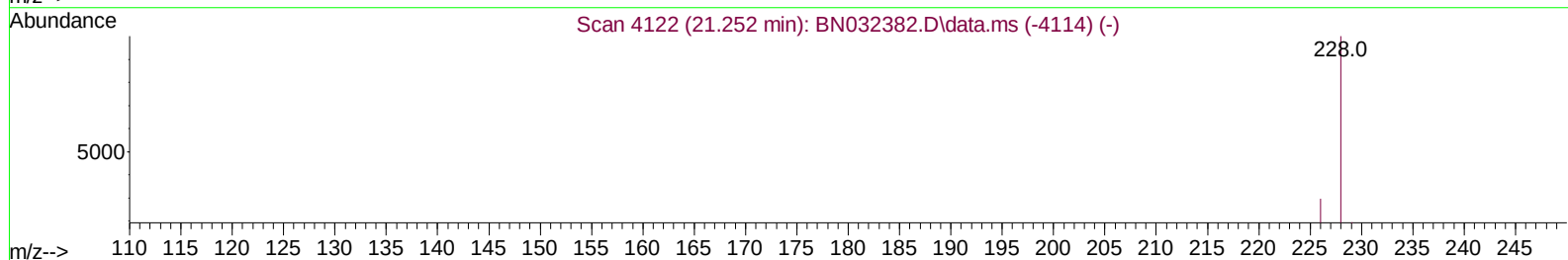
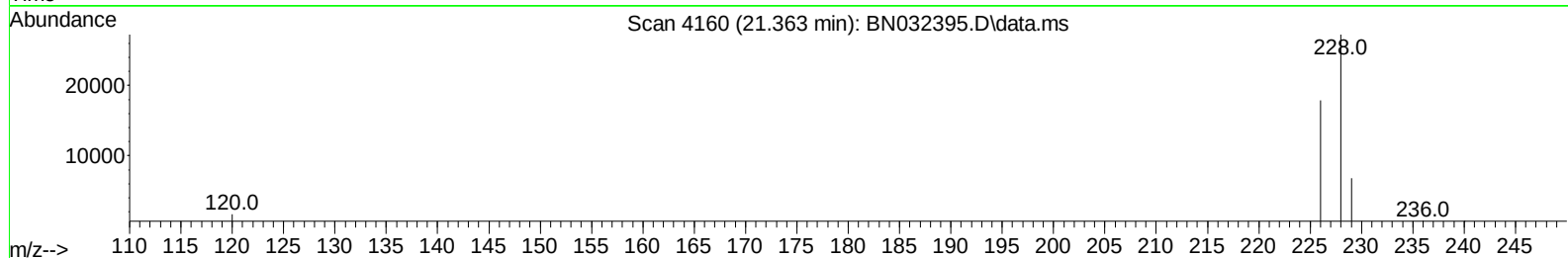
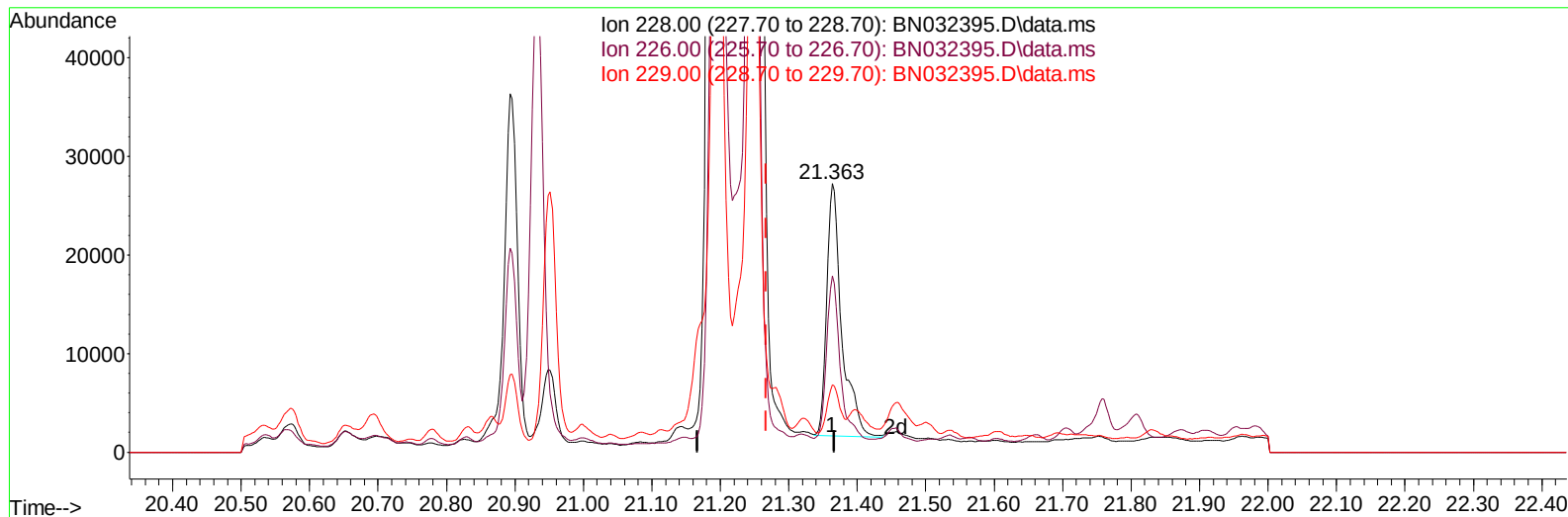
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(22) Chrysene

21.363min (+ 0.096) 0.47 ng/u1

response 38953

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.78#
229.00	19.60	25.06#
0.00	0.00	0.00

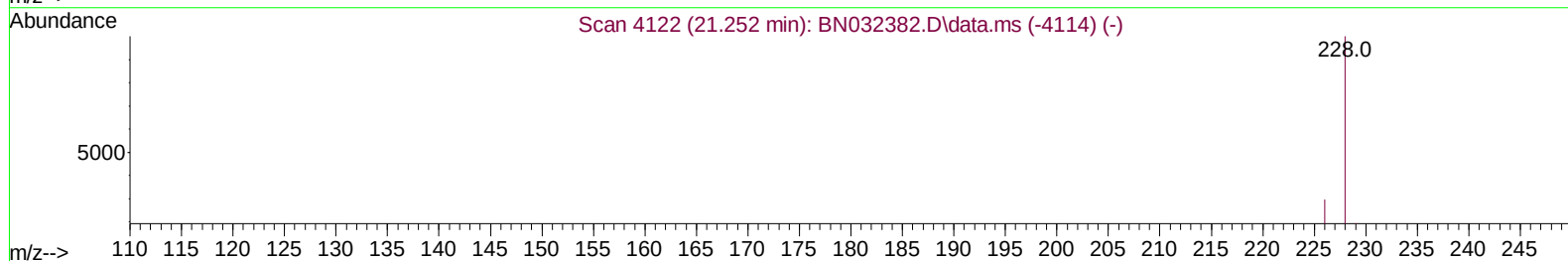
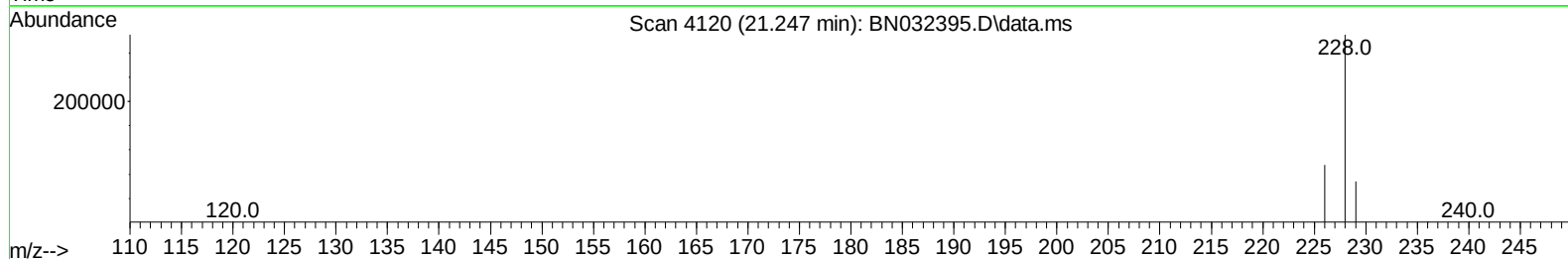
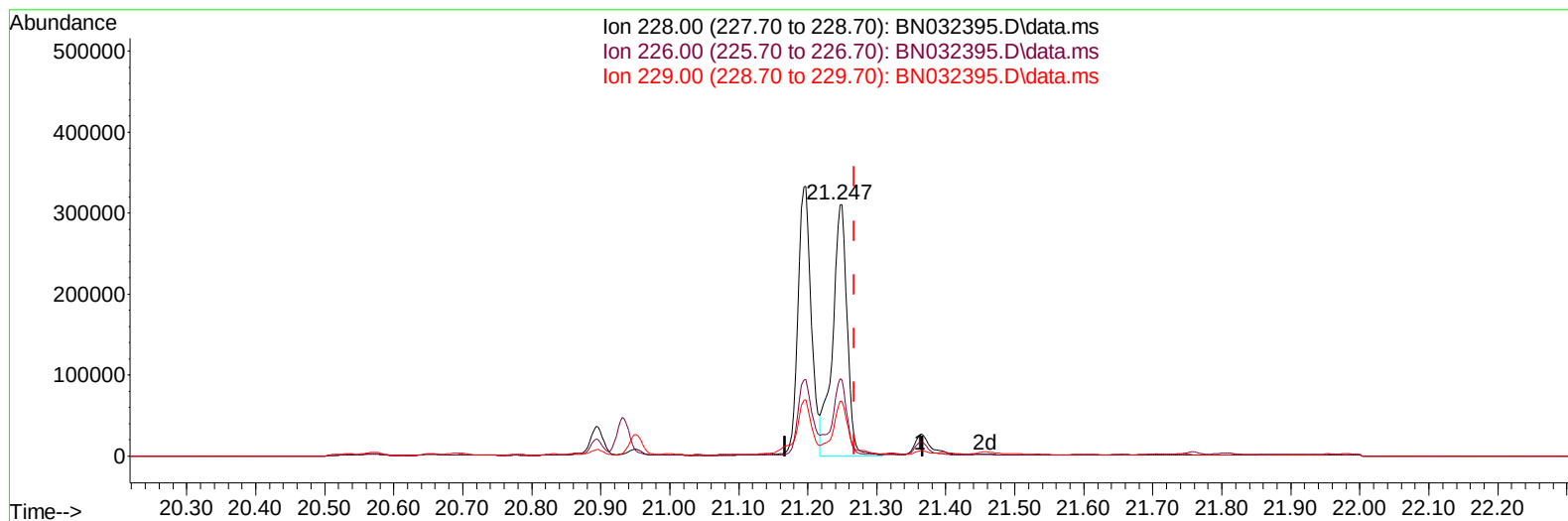
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 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



TIC: BN032395.D\data.ms

(22) Chrysene

21.247min (-0.021) 5.51 ng/ul m

response 456153

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.67
229.00	19.60	21.84
0.00	0.00	0.00

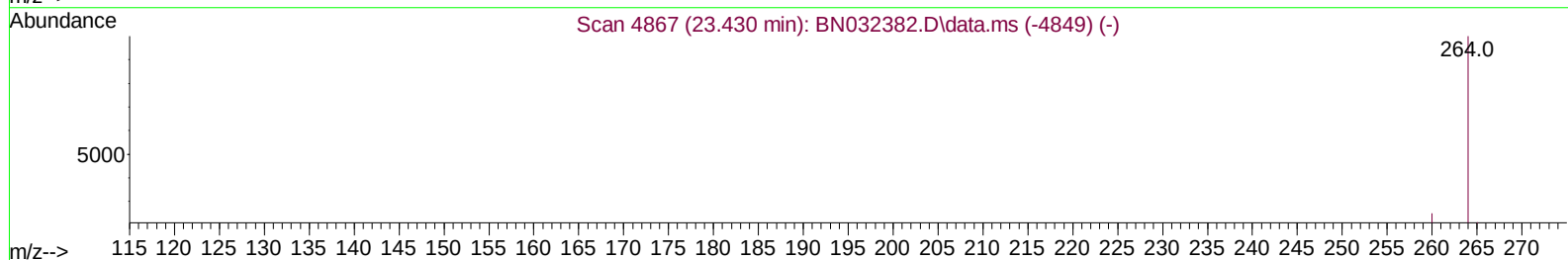
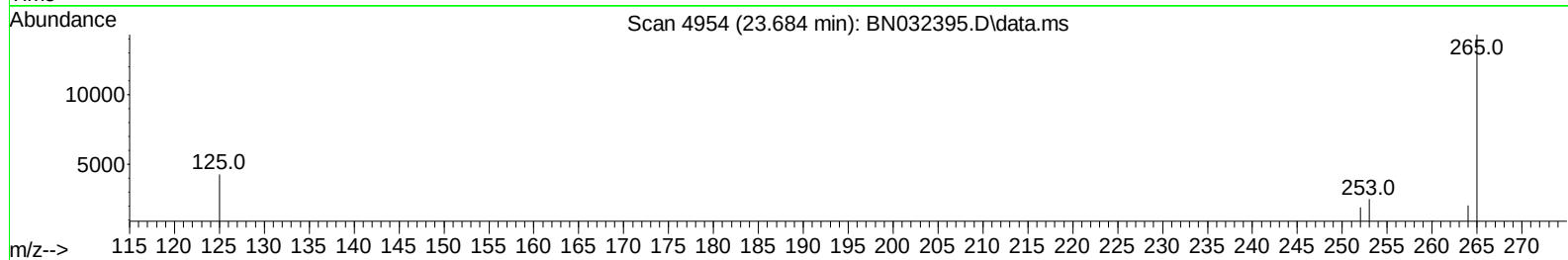
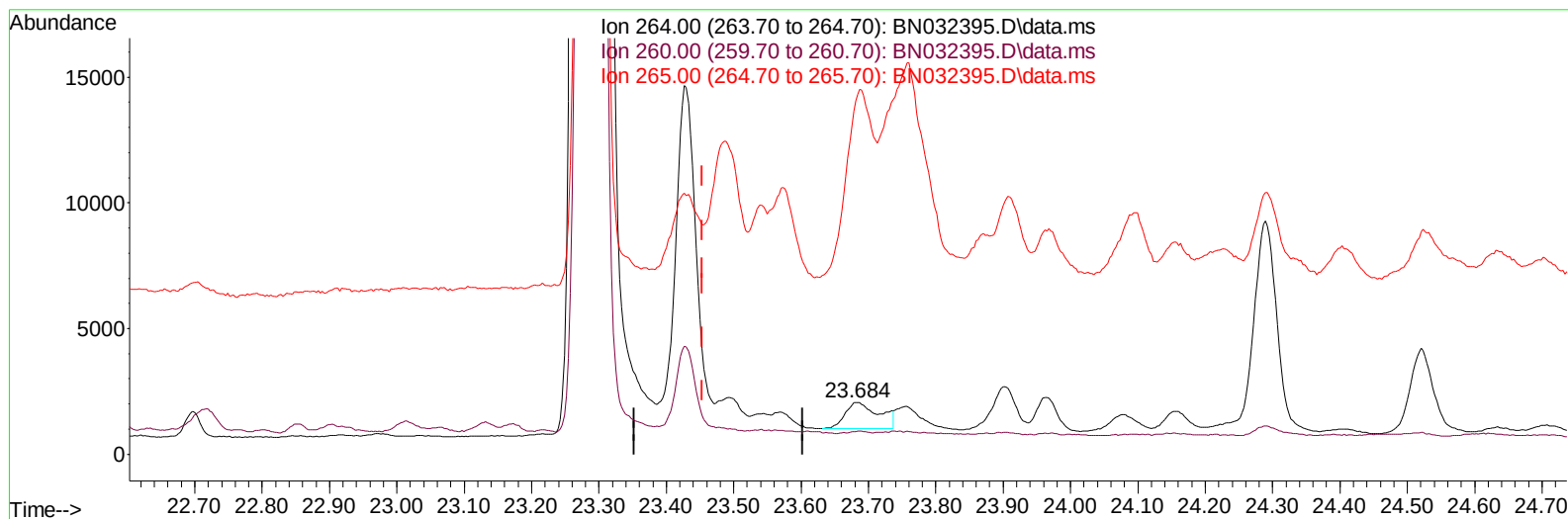
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(23) Perylene-d12 (I)

23.684min (+ 0.231) 0.40 ng/ul

response 3613

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	44.53#
265.00	67.20	693.46#
0.00	0.00	0.00

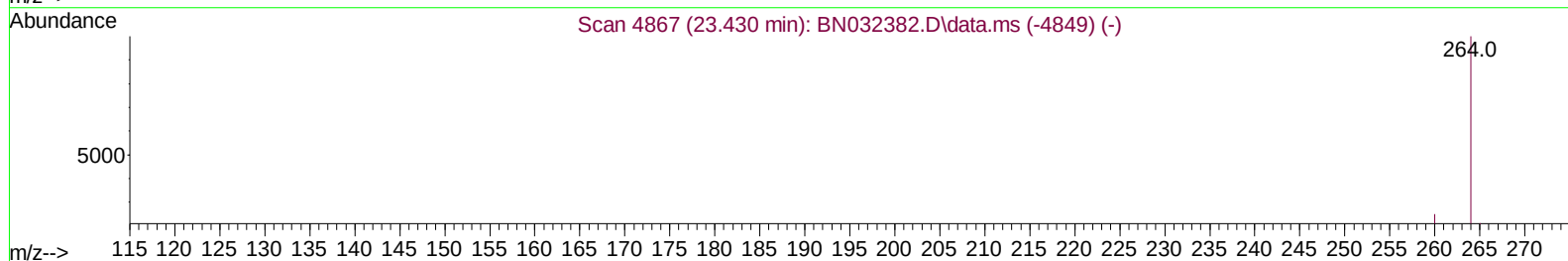
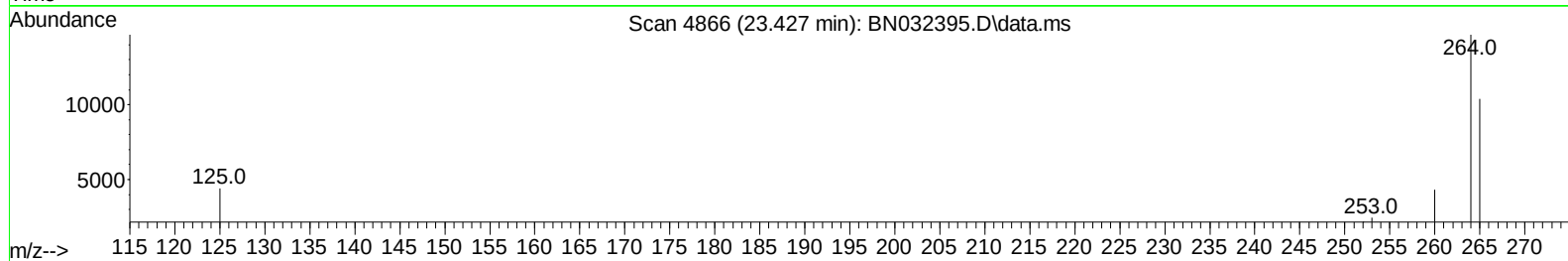
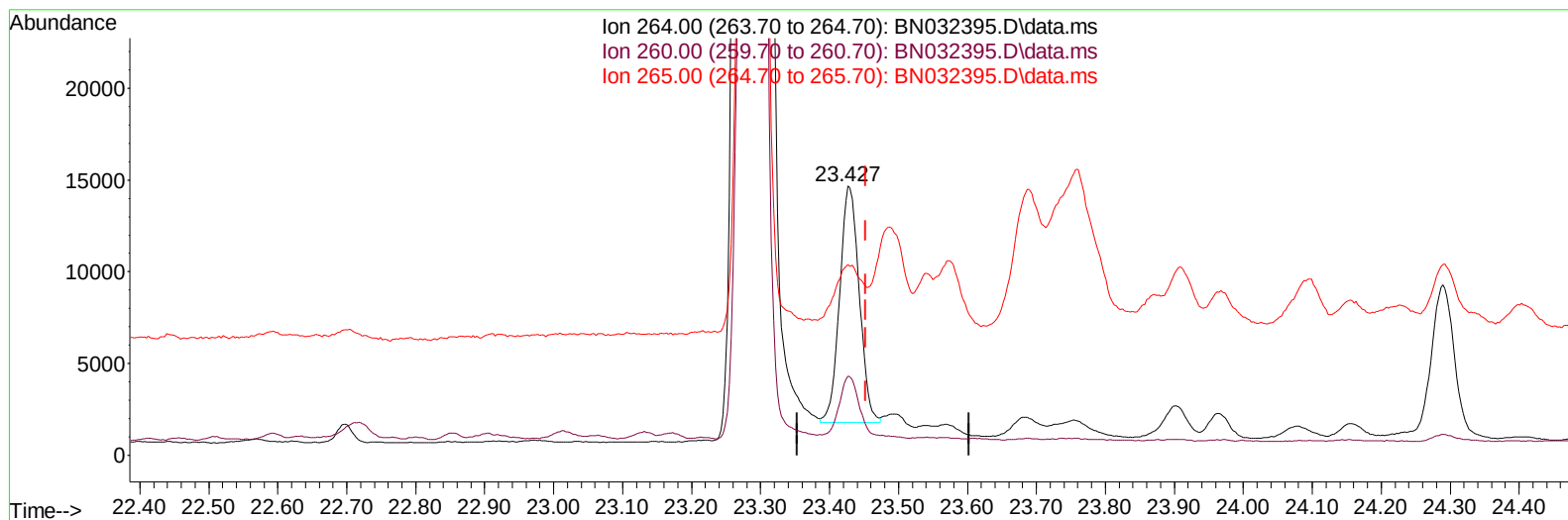
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/ul m

response 25332

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.33
265.00	67.20	70.76
0.00	0.00	0.00

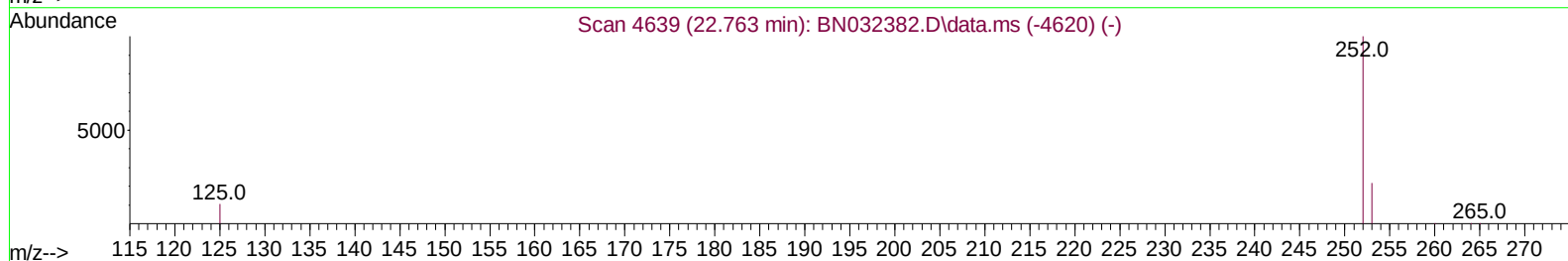
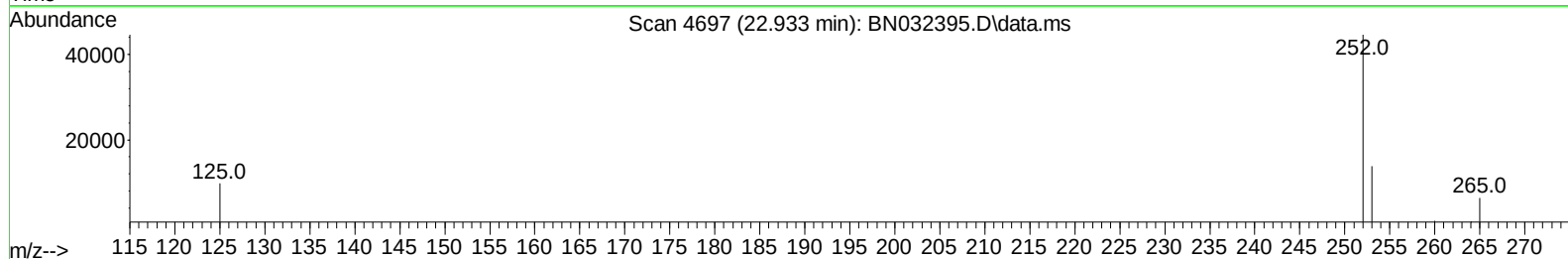
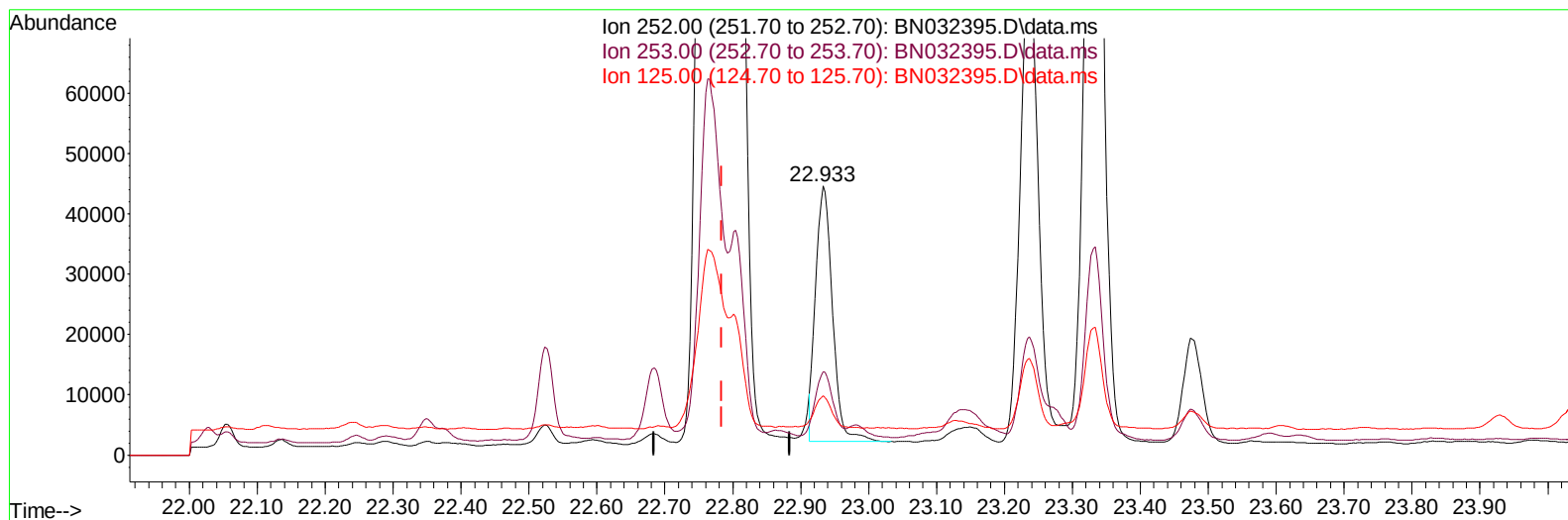
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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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Response via : Initial Calibration

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TIC: BN032395.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.149) 0.67 ng/u1

response 73448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	31.14
125.00	16.00	22.02
0.00	0.00	0.00

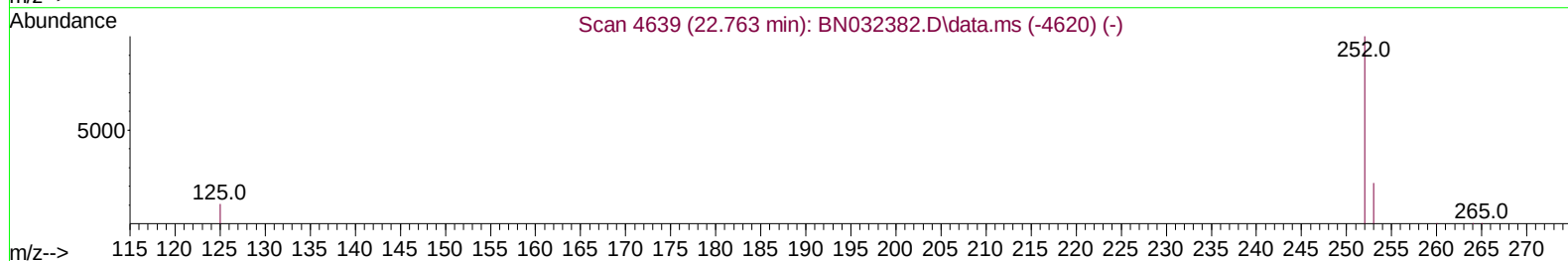
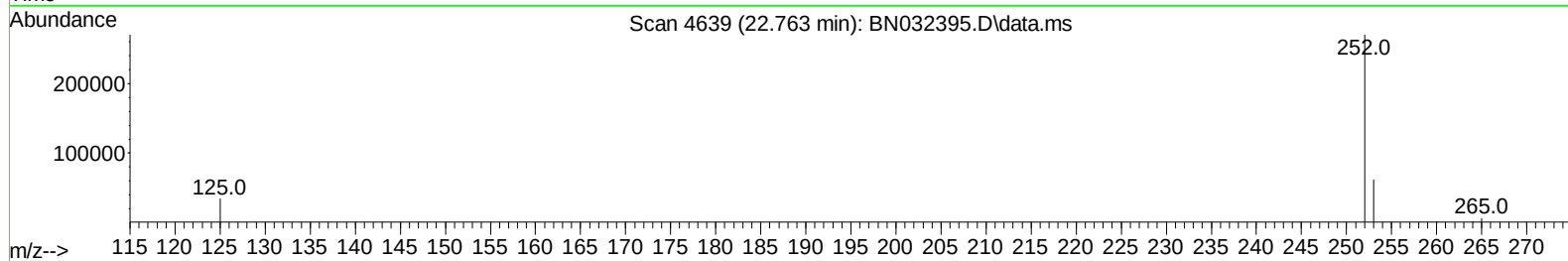
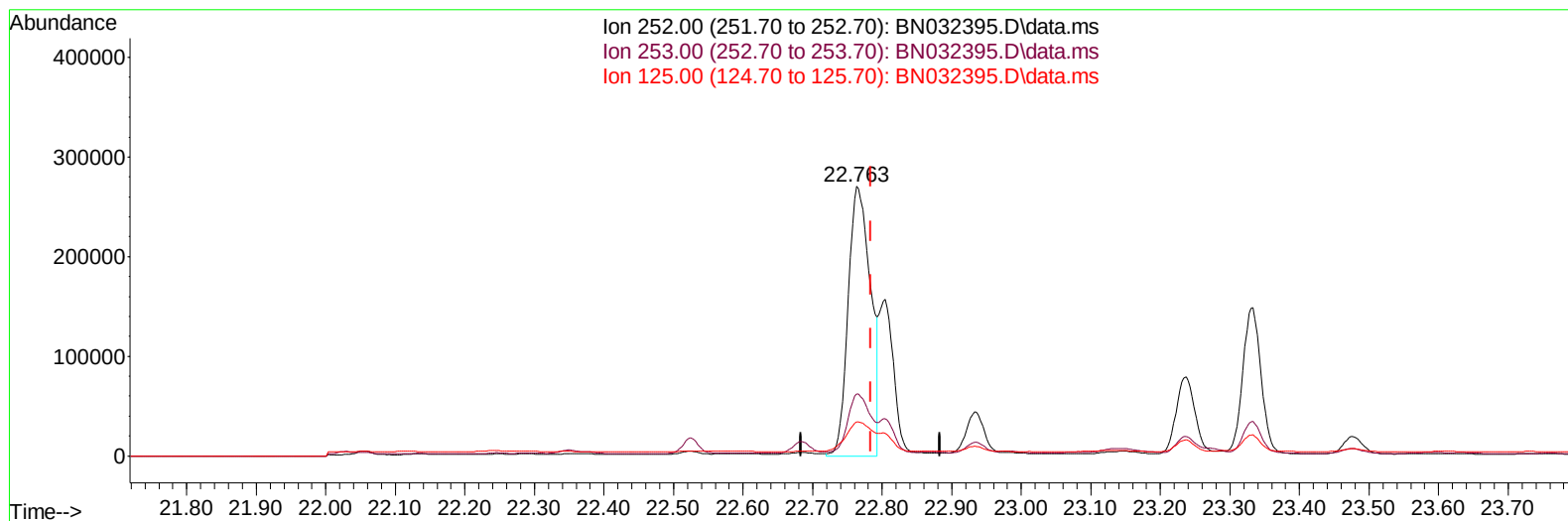
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
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TIC: BN032395.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.020) 5.51 ng/ul m

response 606114

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.08
125.00	16.00	12.61
0.00	0.00	0.00

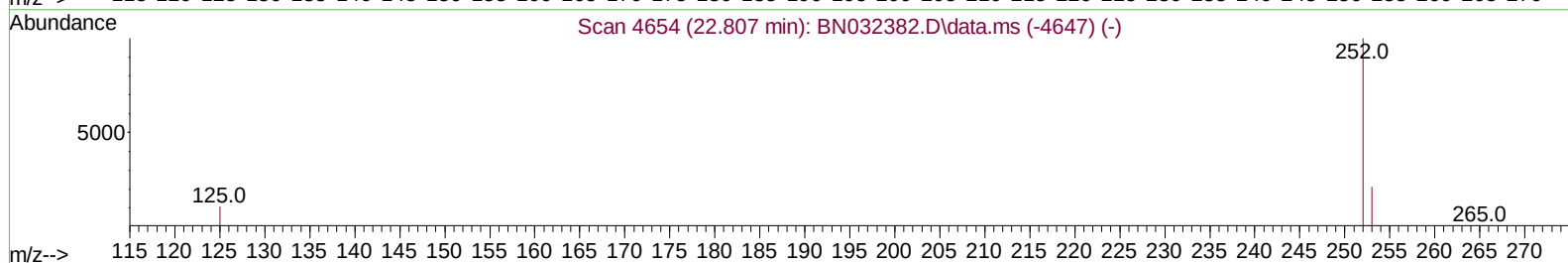
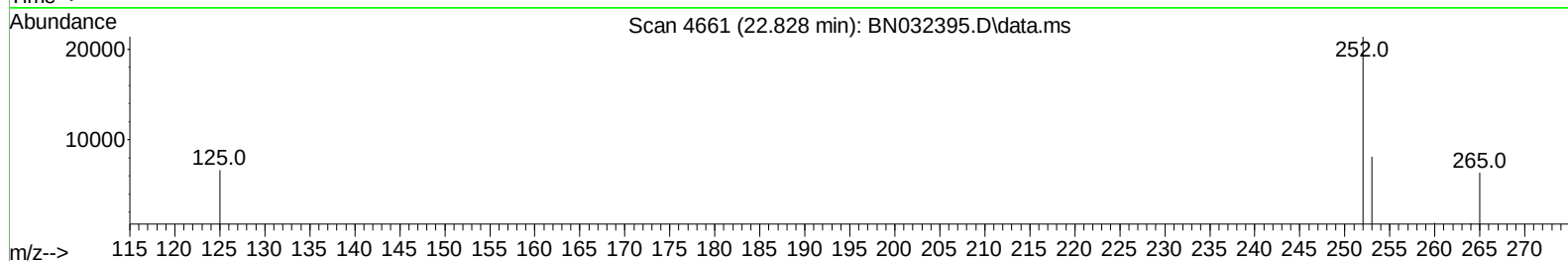
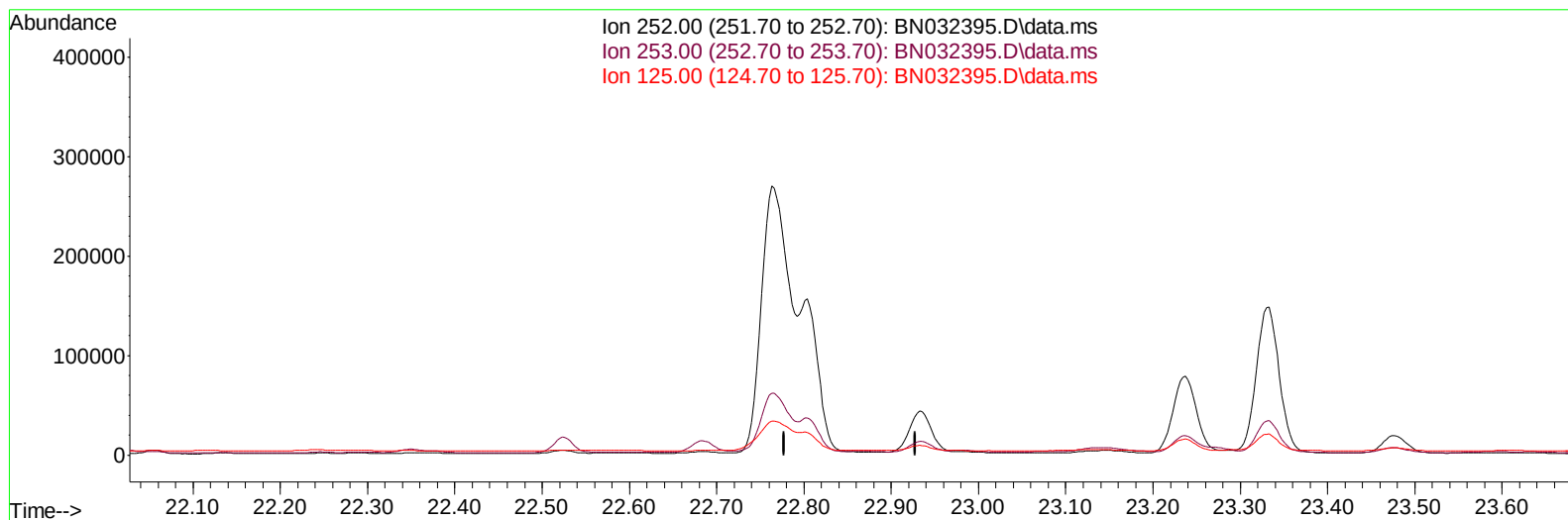
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/ul

response 0

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

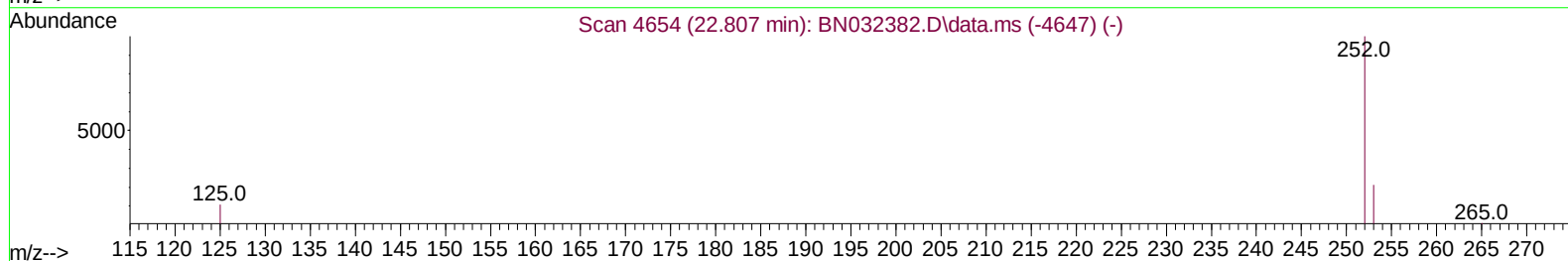
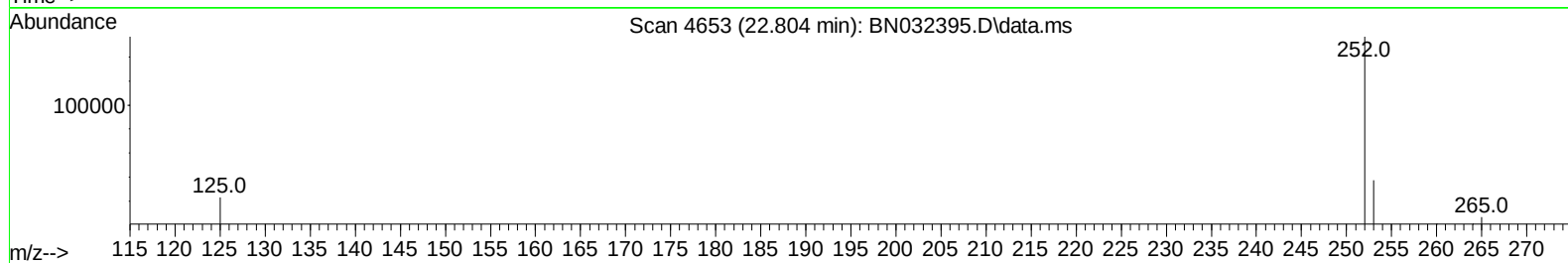
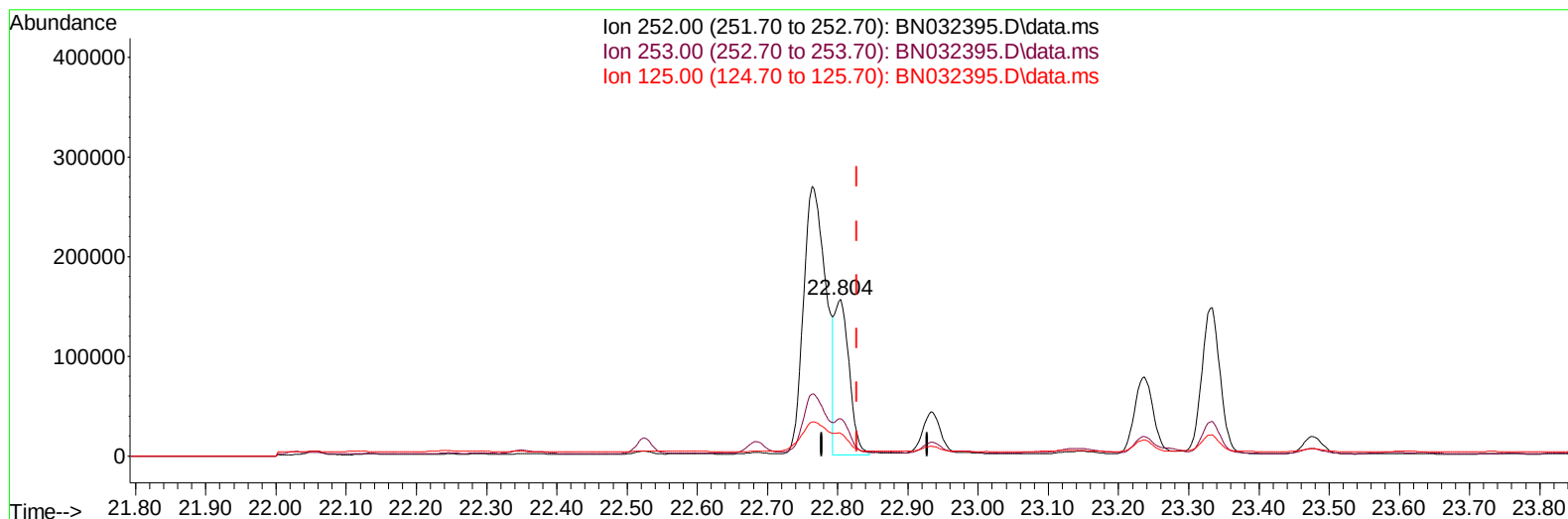
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 2.12 ng/ul m

response 226932

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.77
125.00	16.00	14.57
0.00	0.00	0.00

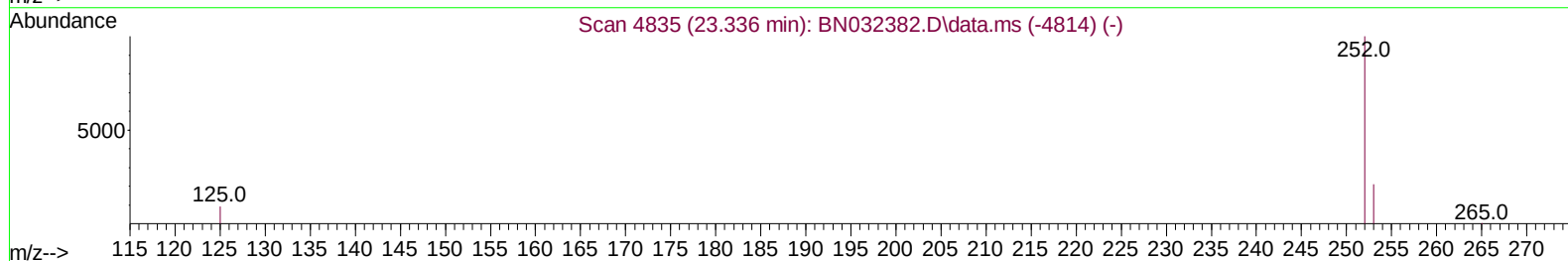
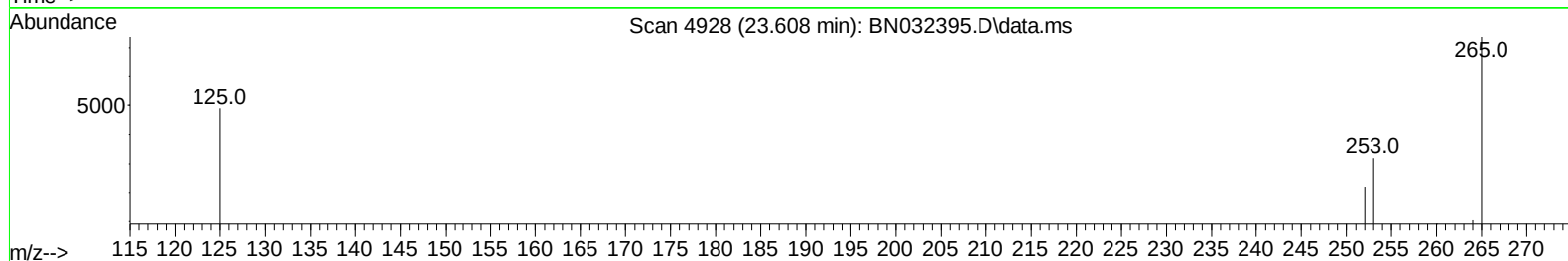
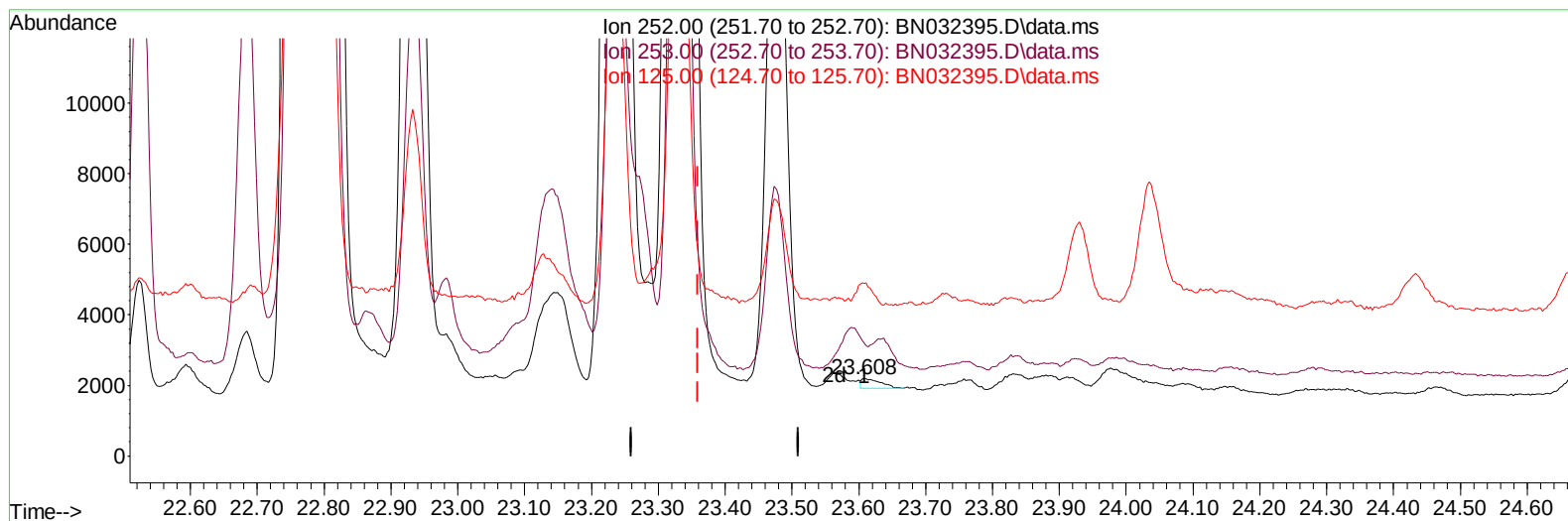
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(26) Benzo(a)pyrene (C)

23.608min (+ 0.248) 0.01 ng/u1

response 516

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	145.28#
125.00	20.50	222.82#
0.00	0.00	0.00

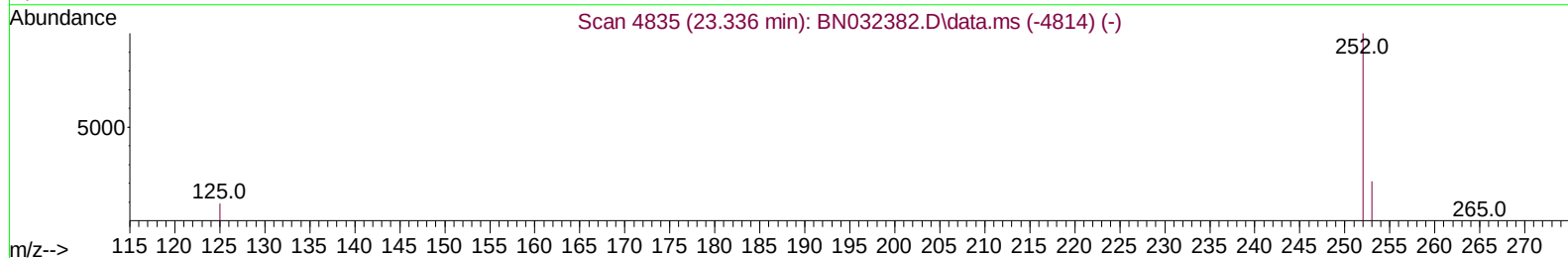
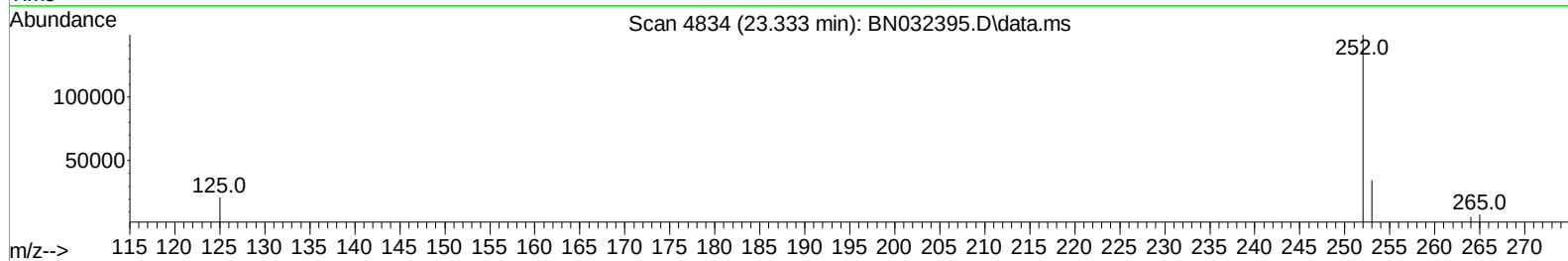
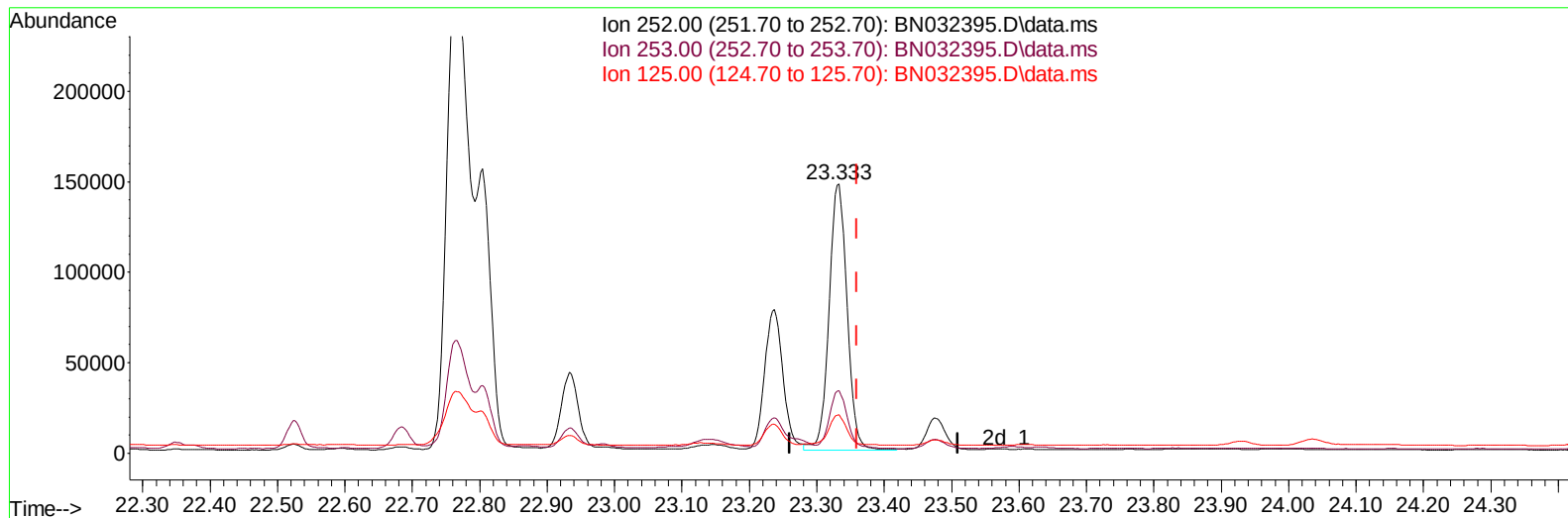
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (-0.026) 3.58 ng/ul m

response 273866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.21
125.00	20.50	14.24#
0.00	0.00	0.00

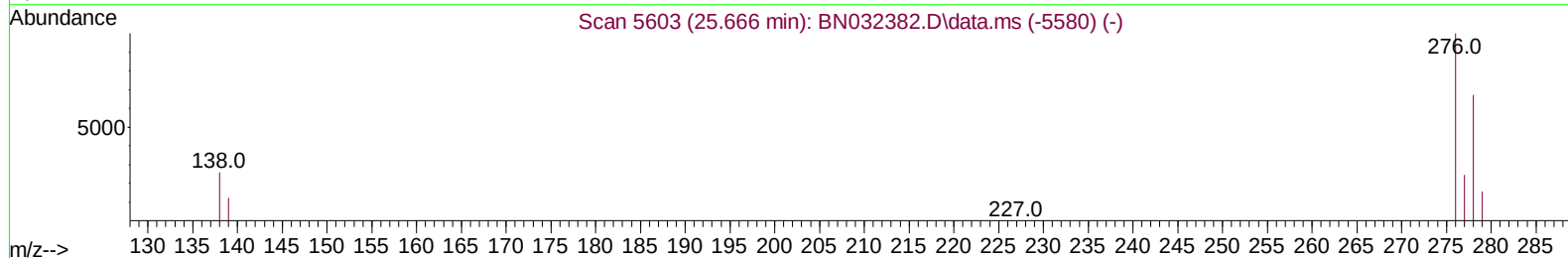
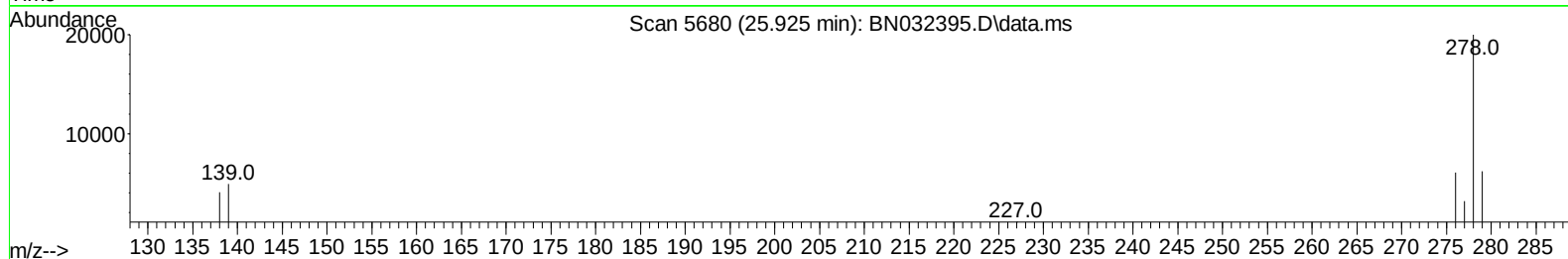
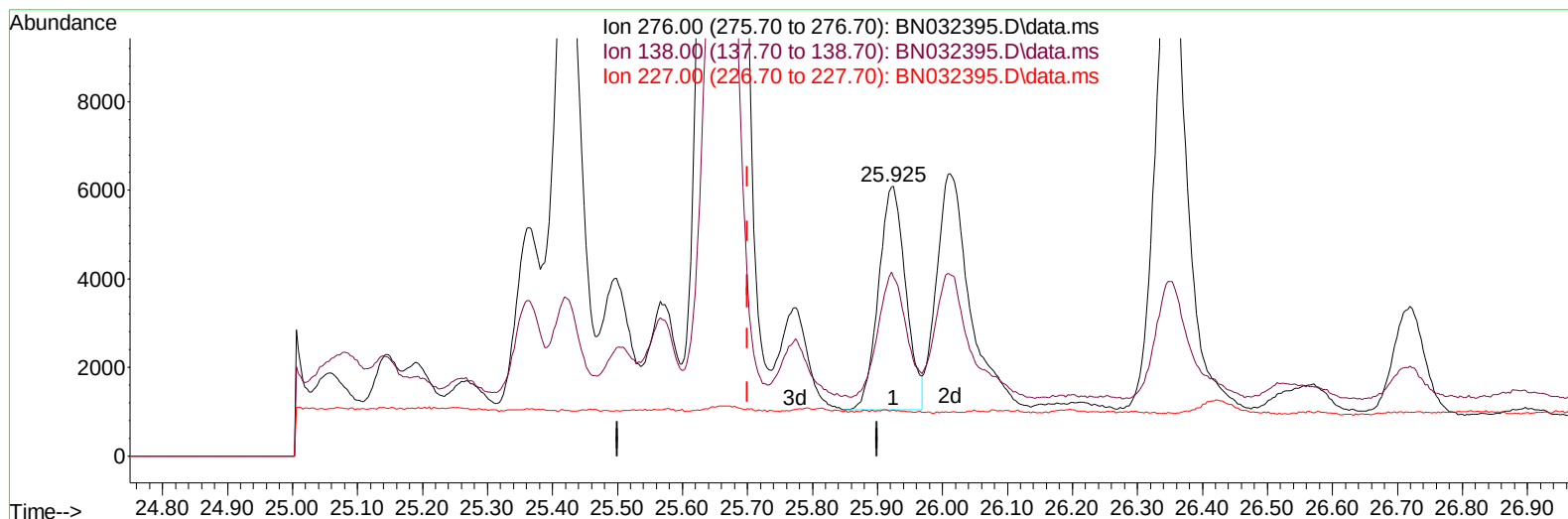
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

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

25.925min (+ 0.225) 0.12 ng/u1

response 14662

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.50#
227.00	0.10	0.96#
0.00	0.00	0.00

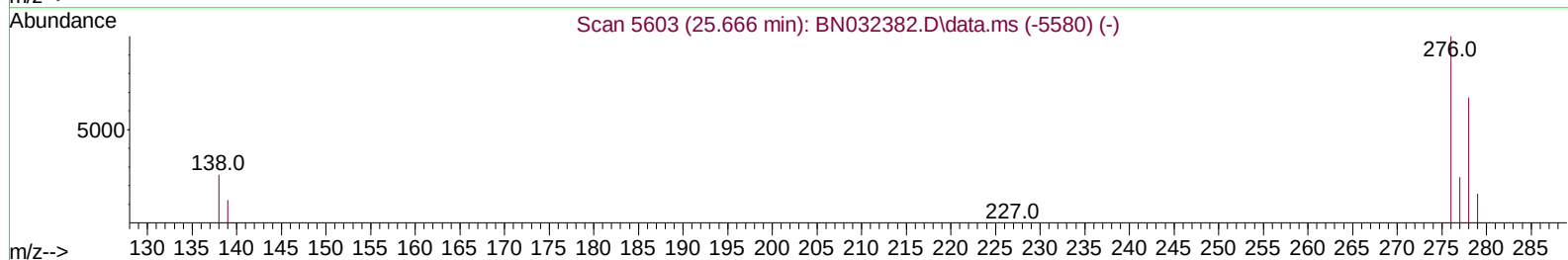
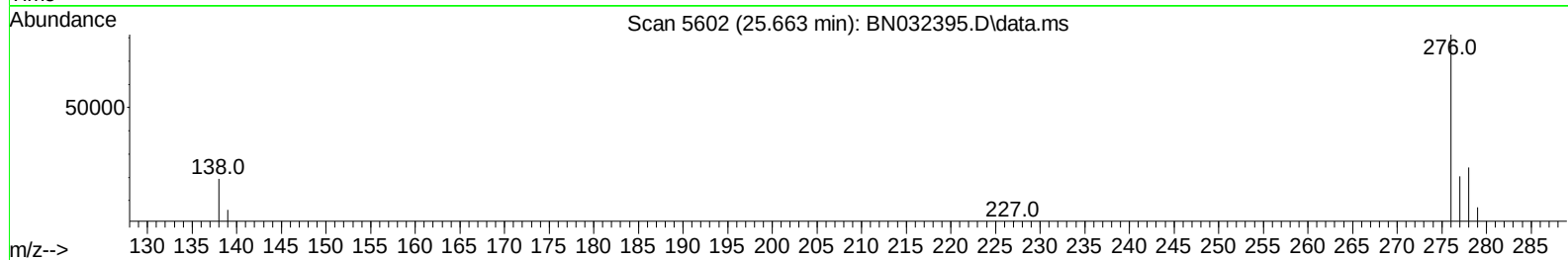
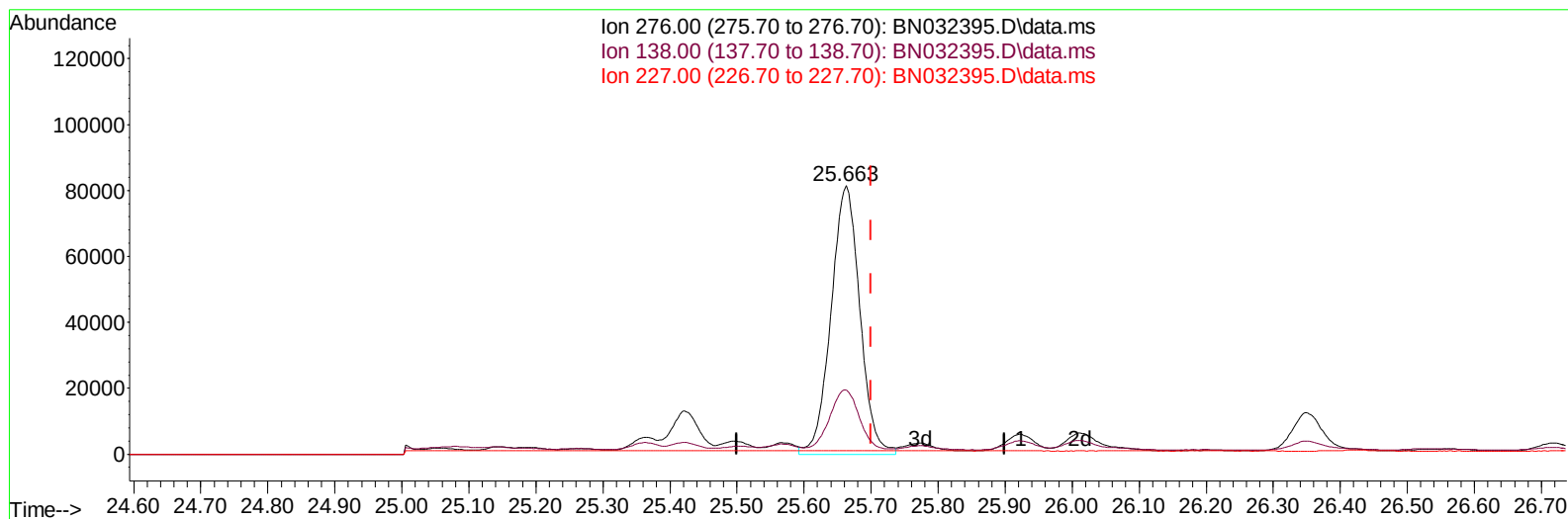
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

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

25.663min (-0.037) 2.03 ng/ul m

response 243060

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.53#
227.00	0.10	0.06#
0.00	0.00	0.00

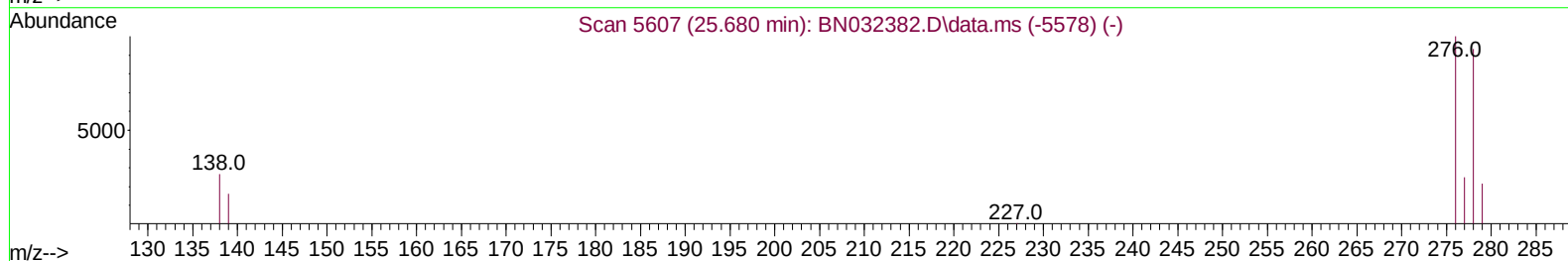
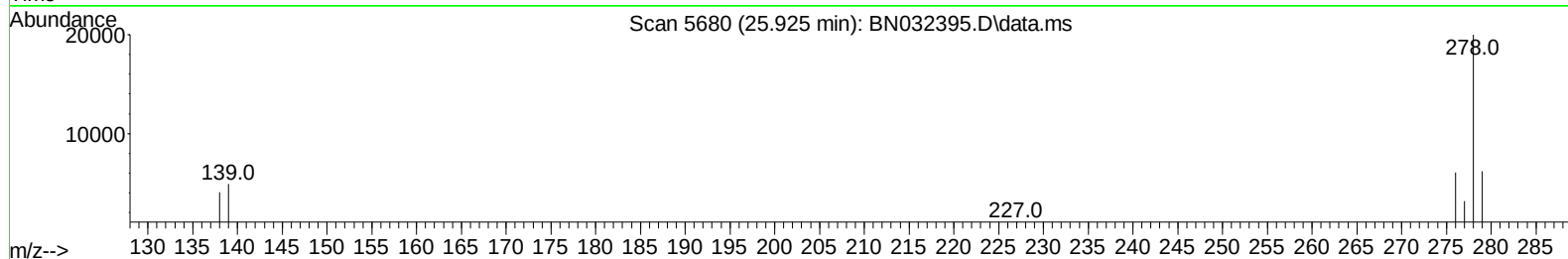
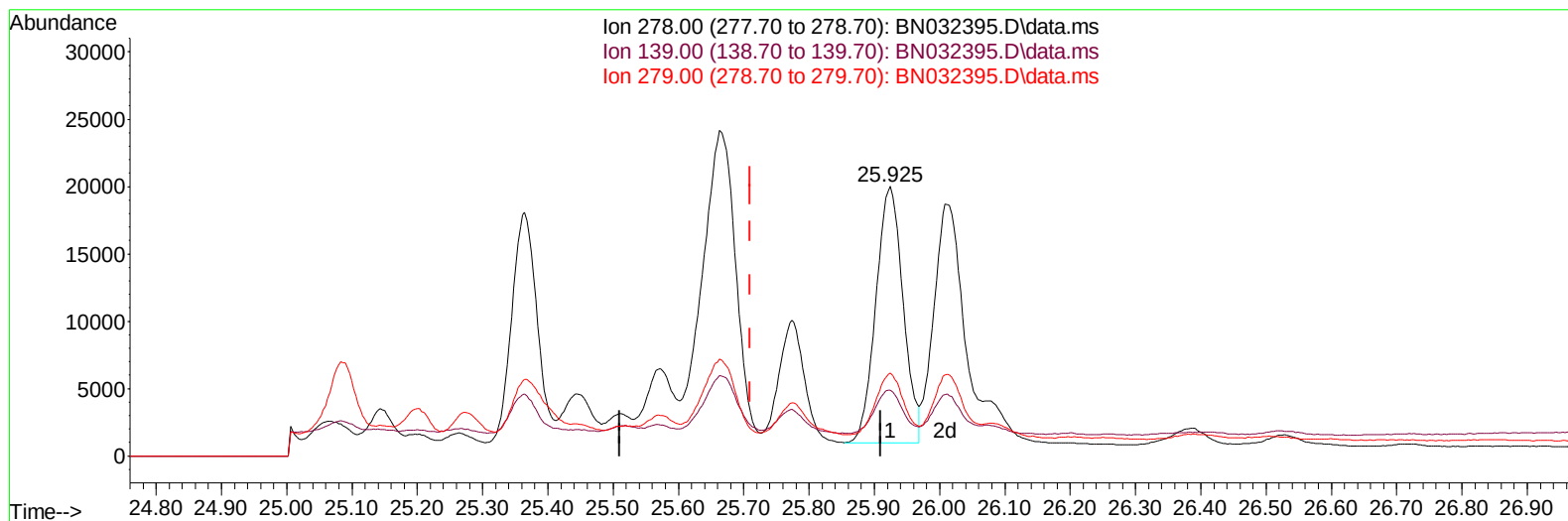
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

(28) Dibenzo(a,h)anthracene

25.925min (+ 0.215) 0.62 ng/u1

response 55121

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.34#
279.00	26.40	30.85
0.00	0.00	0.00

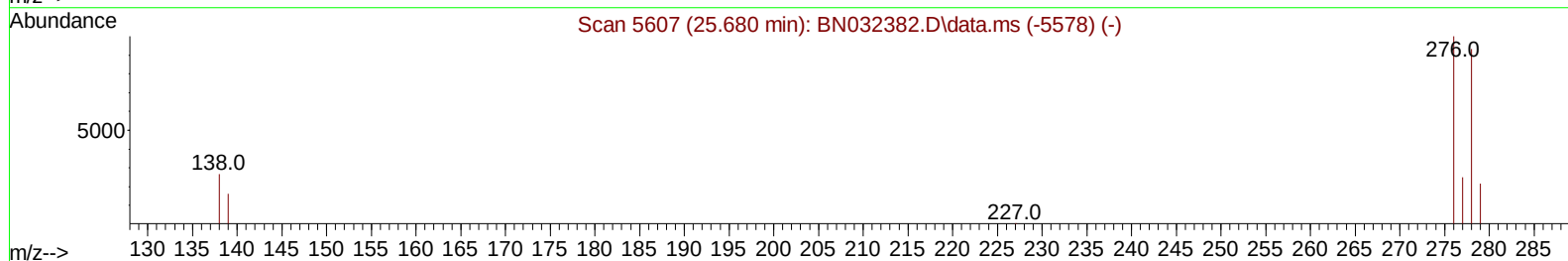
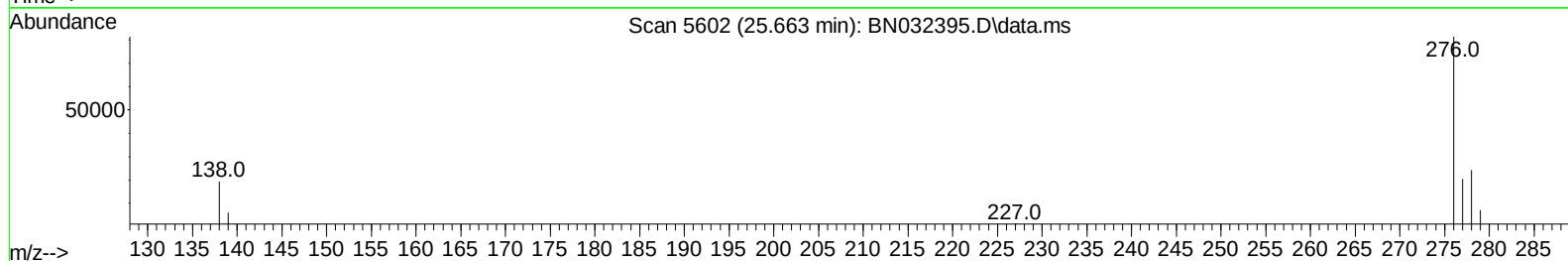
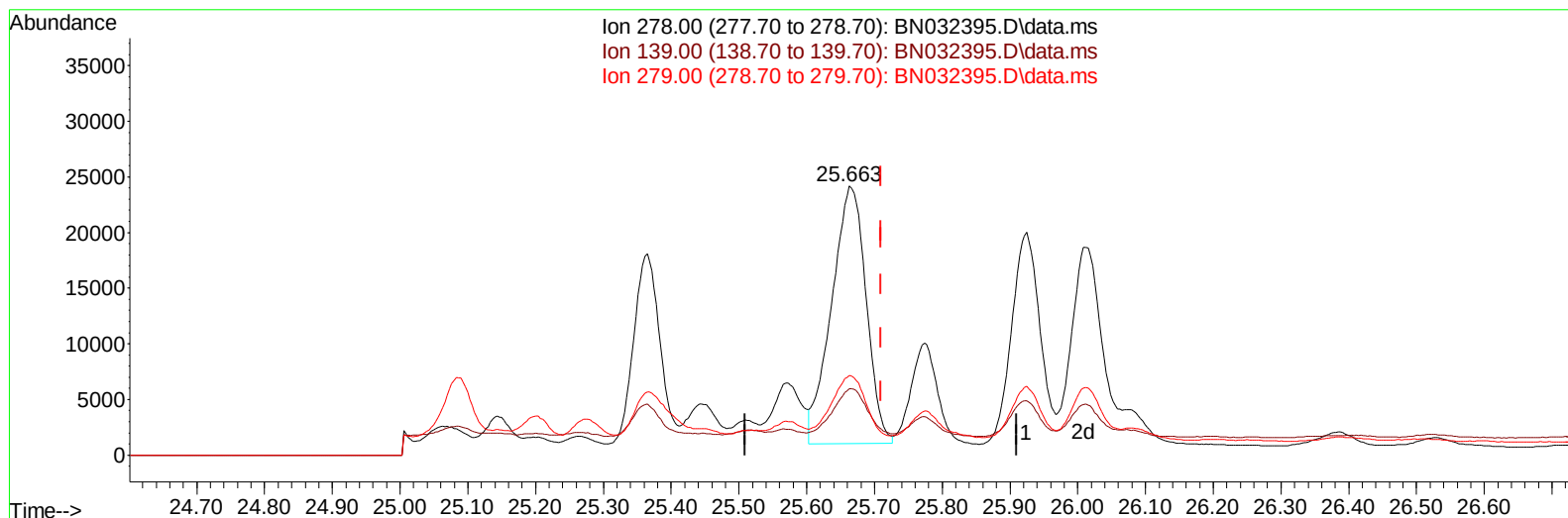
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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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TIC: BN032395.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.047) 0.92 ng/ul m

response 81984

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.68#
279.00	26.40	29.70
0.00	0.00	0.00

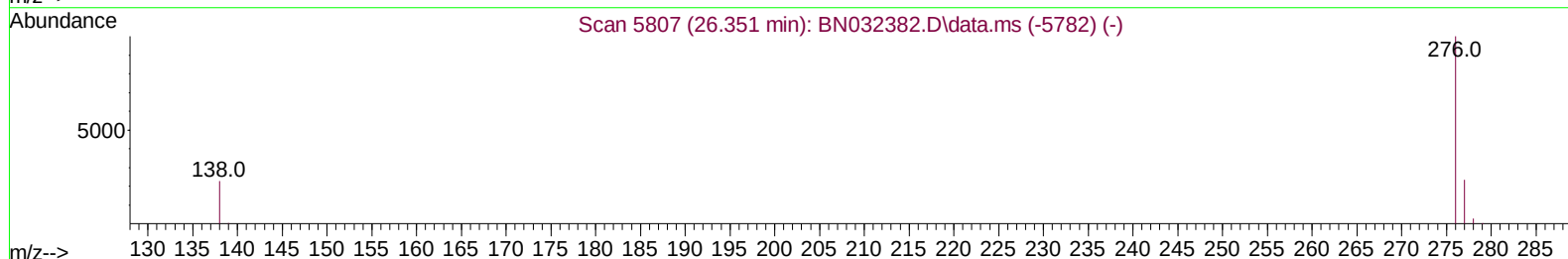
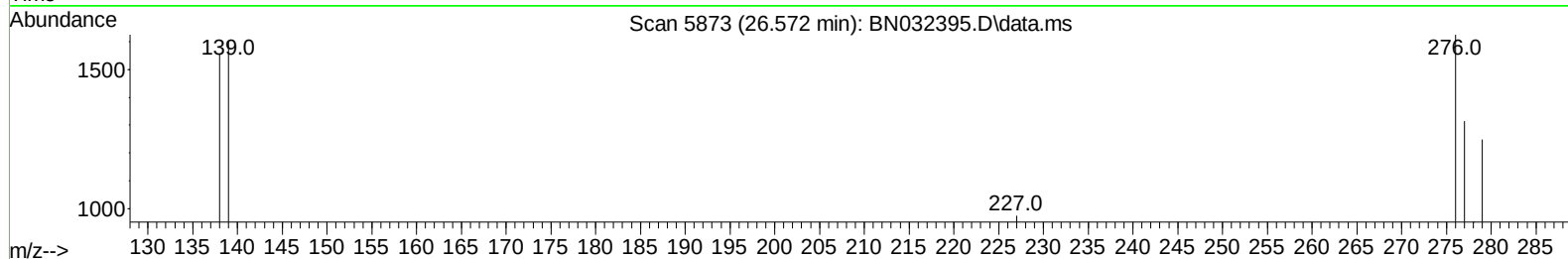
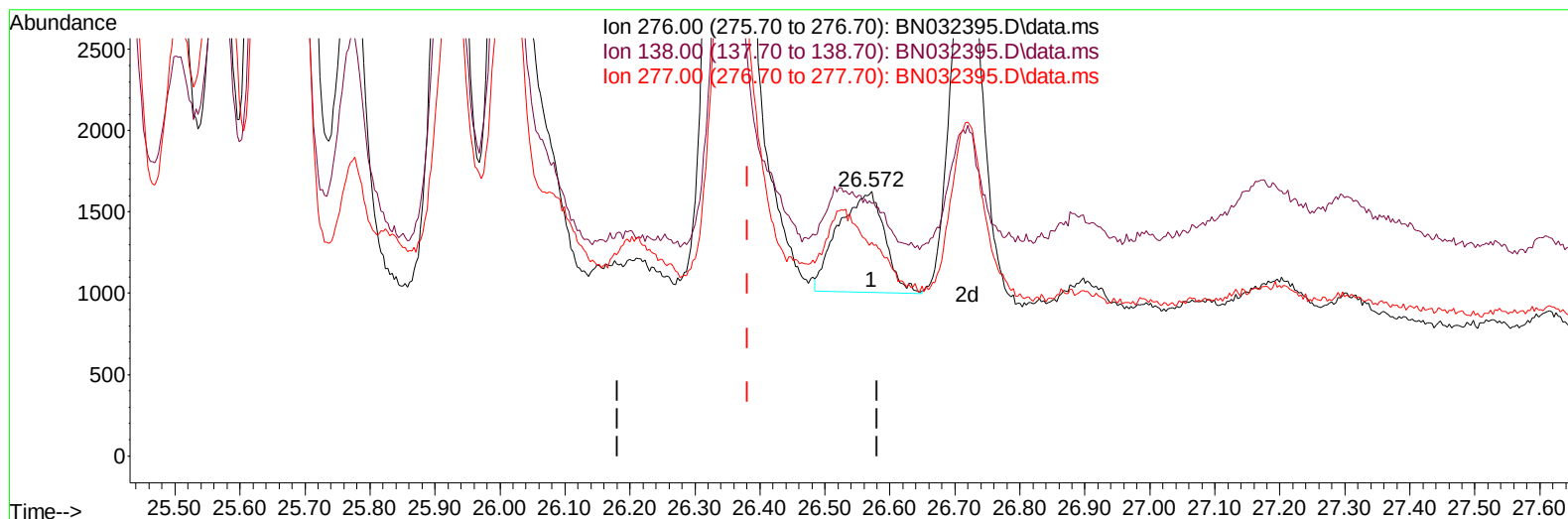
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

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TIC: BN032395.D\data.ms

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

26.572min (+ 0.191) 0.03 ng/u1

response 3056

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	95.63#
277.00	24.70	80.92#
0.00	0.00	0.00

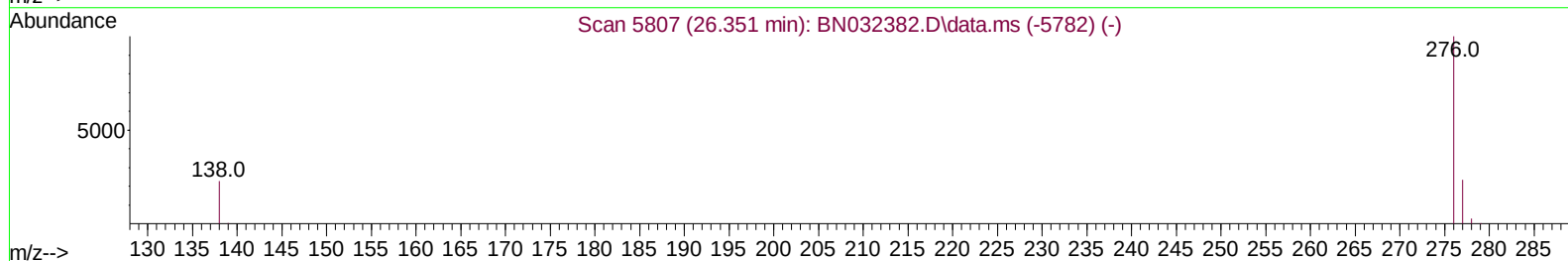
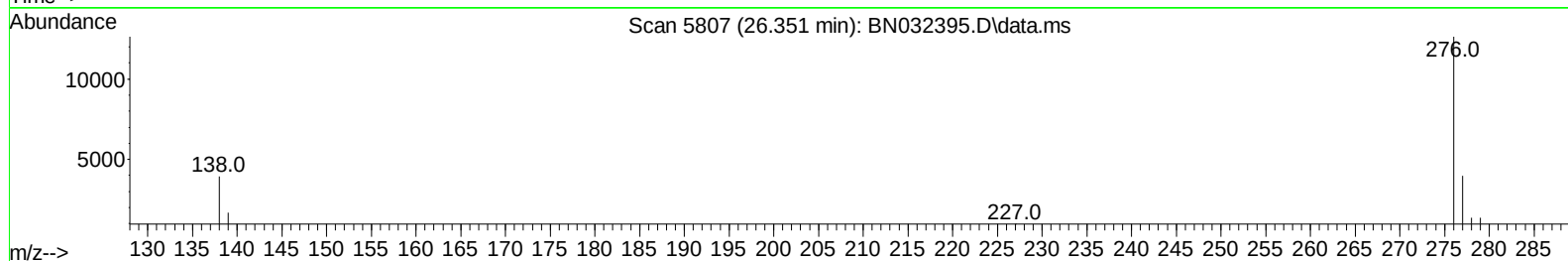
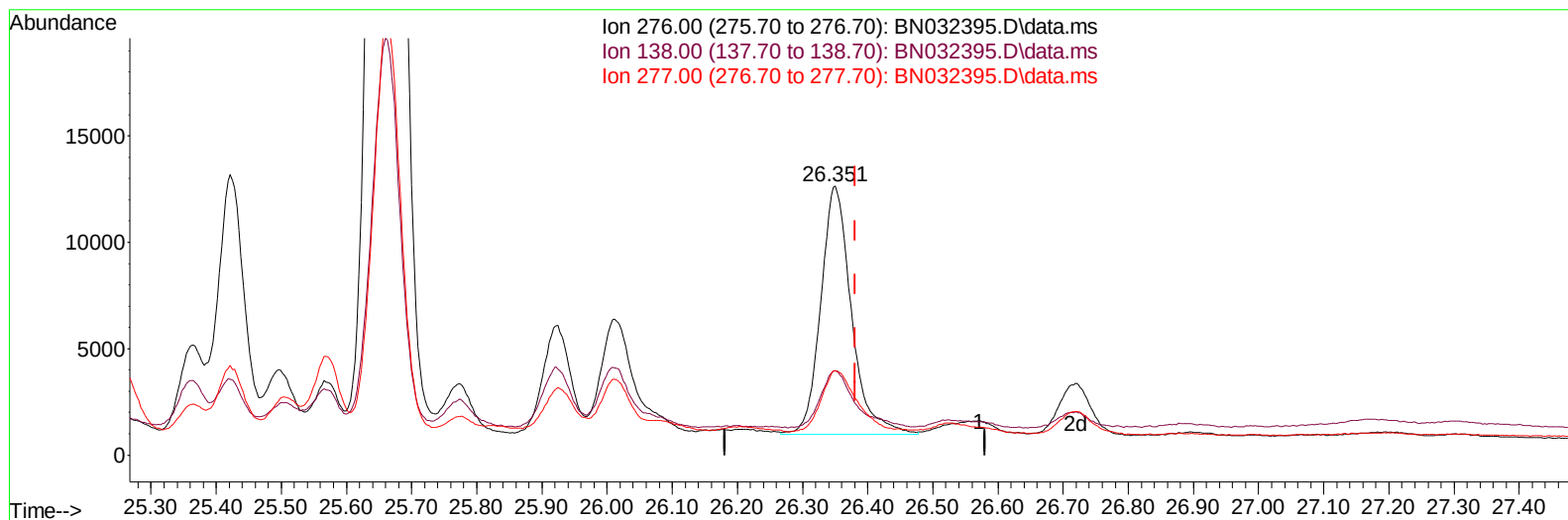
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032395.D\data.ms

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

26.351min (-0.030) 0.40 ng/ul m

response 38125

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.19#
277.00	24.70	31.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8541	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	24528	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13480	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	26649m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	20899m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	25332m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	43904	4.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	11041	0.300	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	22121m	0.352	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.431	128	20921	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	8187	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	6038	0.135	ng/ul	99
10) Acenaphthylene	13.971	152	21309	0.380	ng/ul	98
11) Acenaphthene	14.313	153	17116	0.393	ng/ul	98
12) Fluorene	15.308	166	19997	0.386	ng/ul	99
14) Pentachlorophenol	16.674	266	404m	0.067	ng/ul	
15) Phenanthrene	17.046	178	438240m	5.998	ng/ul	
16) Anthracene	17.138	178	91347m	1.402	ng/ul	
19) Fluoranthene	19.073	202	987145m	12.404	ng/ul	
20) Pyrene	19.440	202	724510m	8.712	ng/ul	
21) Benzo(a)anthracene	21.197	228	446460m	5.919	ng/ul	
22) Chrysene	21.247	228	456153m	5.510	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	606114m	5.507	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	226932m	2.122	ng/ul	
26) Benzo(a)pyrene	23.333	252	273866m	3.577	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	243060m	2.027	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	81984m	0.920	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	38125m	0.399	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
Operator : MA/JU
Sample : P2871-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C66

Manual IntegrationsAPPROVED

Quant Time: Jul 02 14:19:46 2024
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