

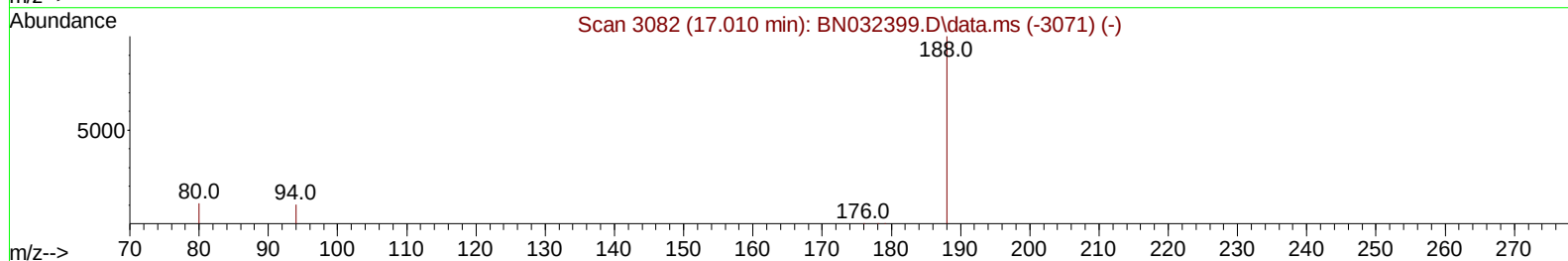
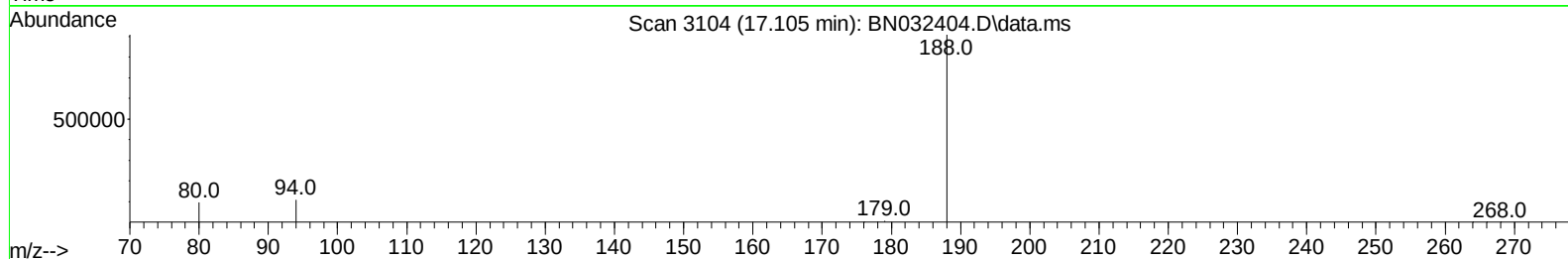
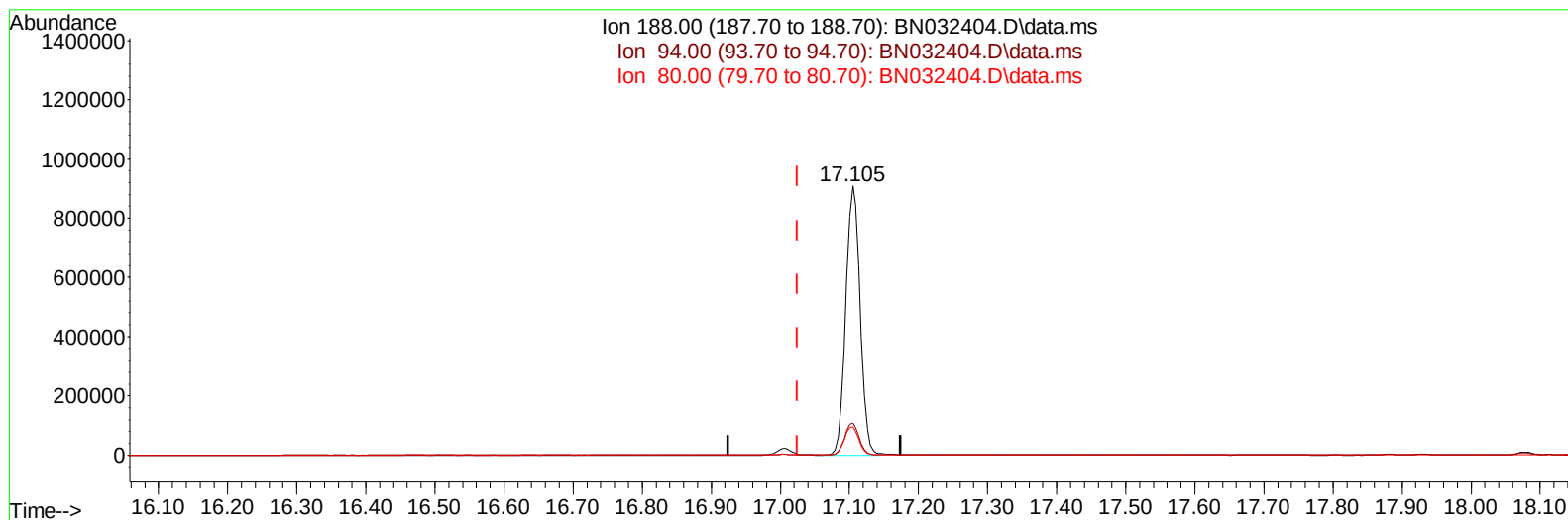
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 1305622

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.99
80.00	10.50	10.44
0.00	0.00	0.00

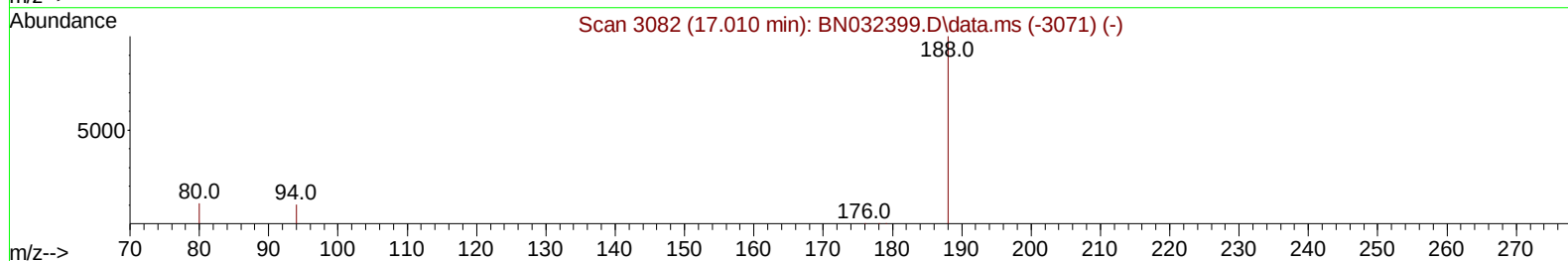
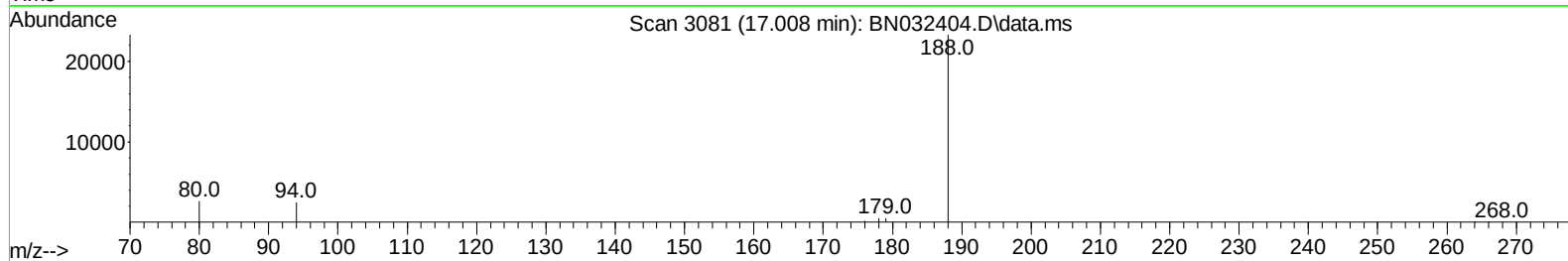
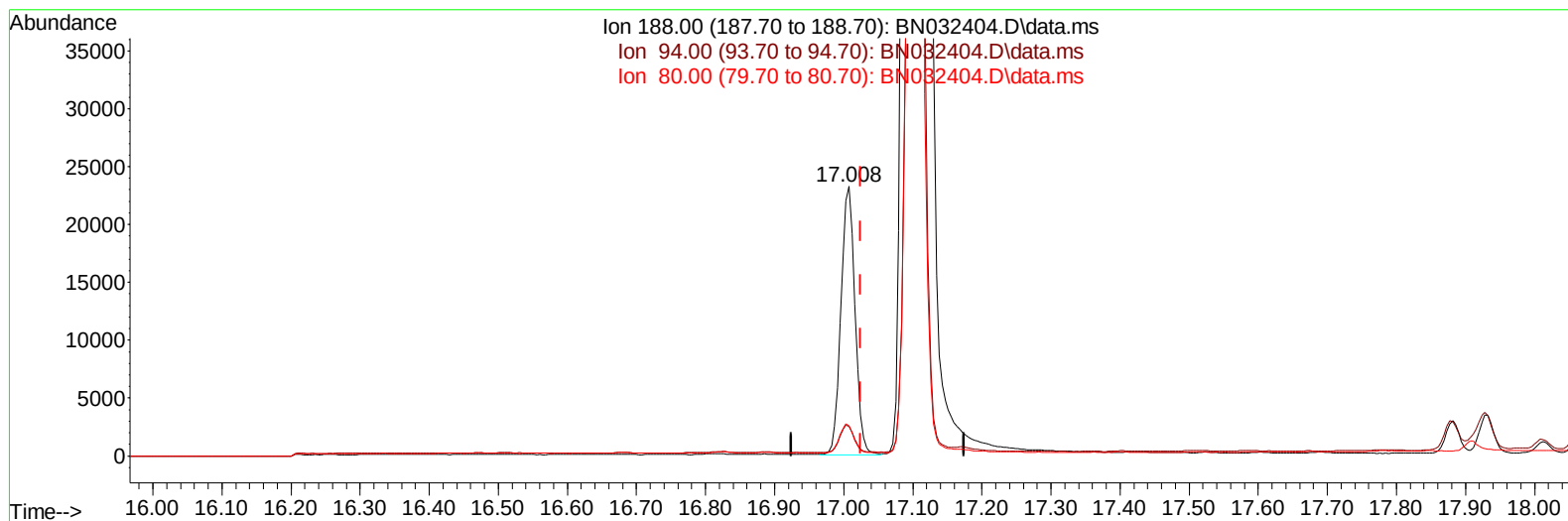
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (-0.017) 0.40 ng/ul m

response 32803

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.88
80.00	10.50	11.34
0.00	0.00	0.00

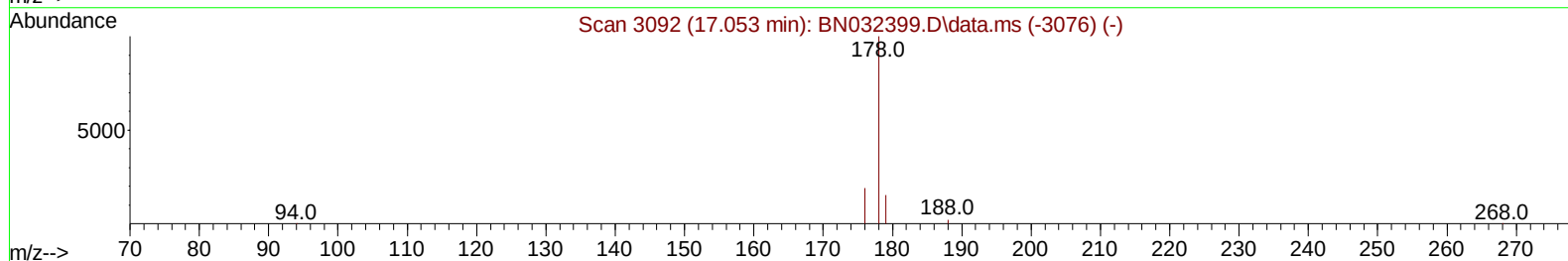
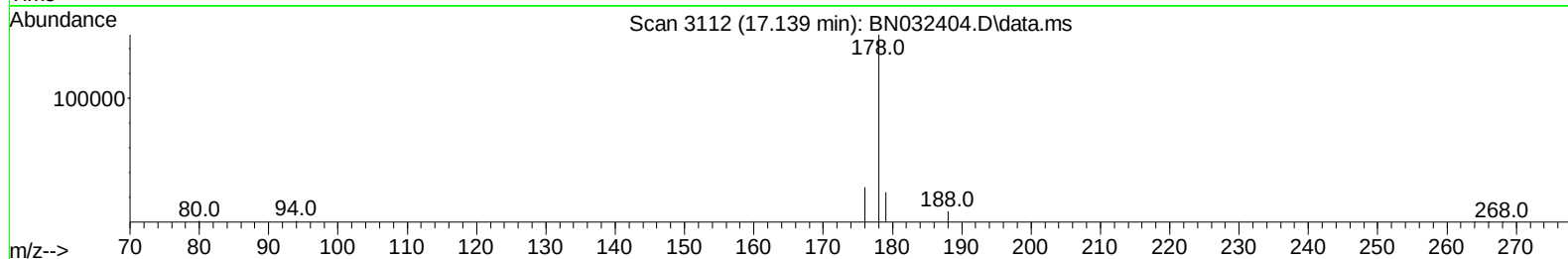
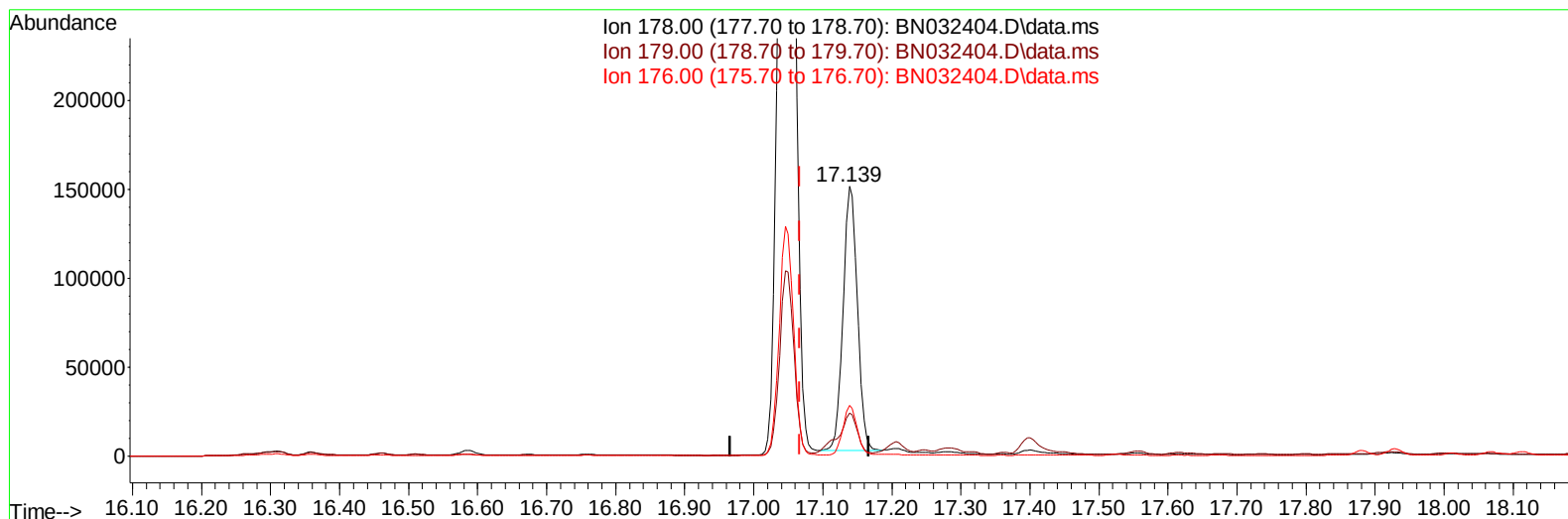
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(15) Phenanthrene

17.139min (+ 0.072) 2.36 ng/ul

response 212663

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.96
176.00	19.50	18.71
0.00	0.00	0.00

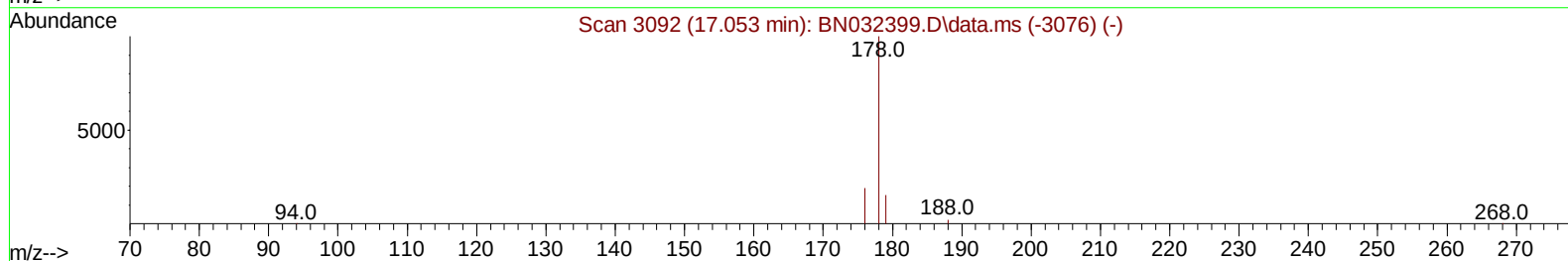
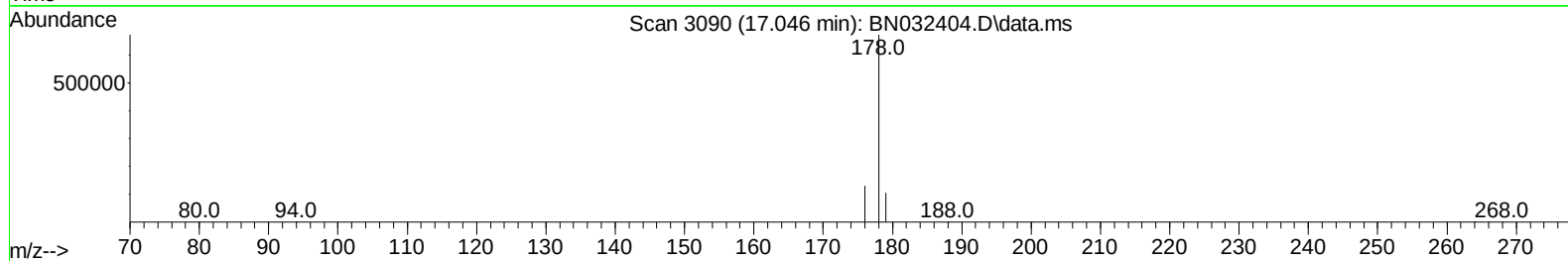
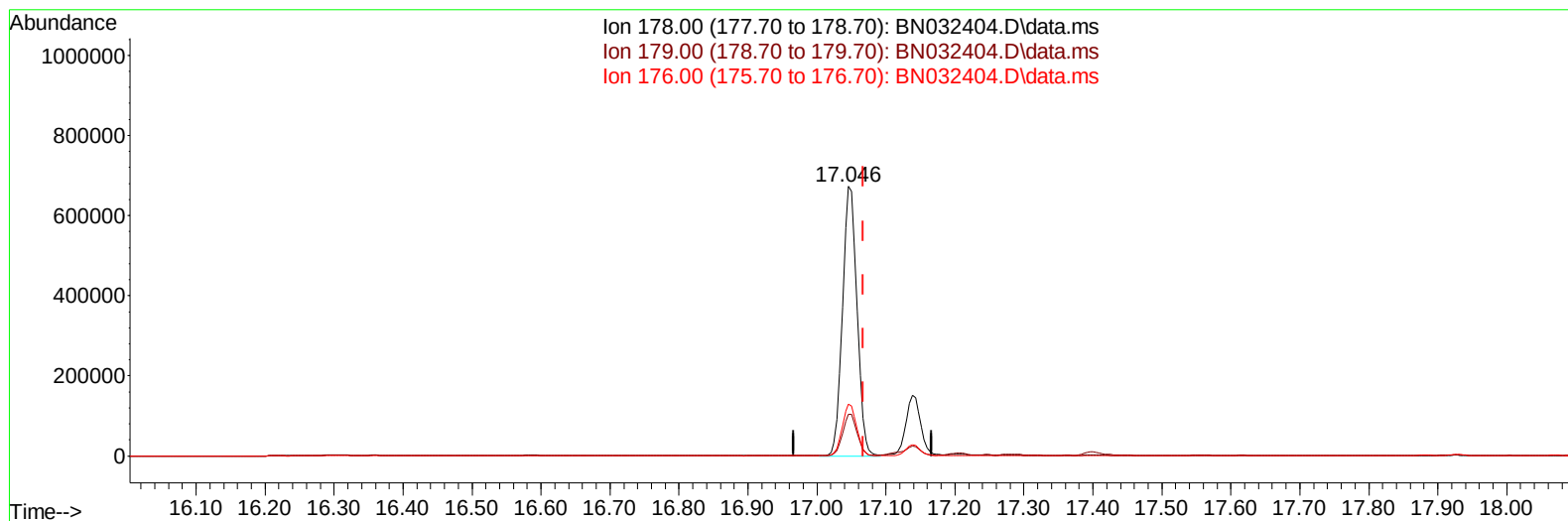
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(15) Phenanthrene

17.046min (-0.021) 10.91 ng/ul m

response 981076

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.50
176.00	19.50	19.21
0.00	0.00	0.00

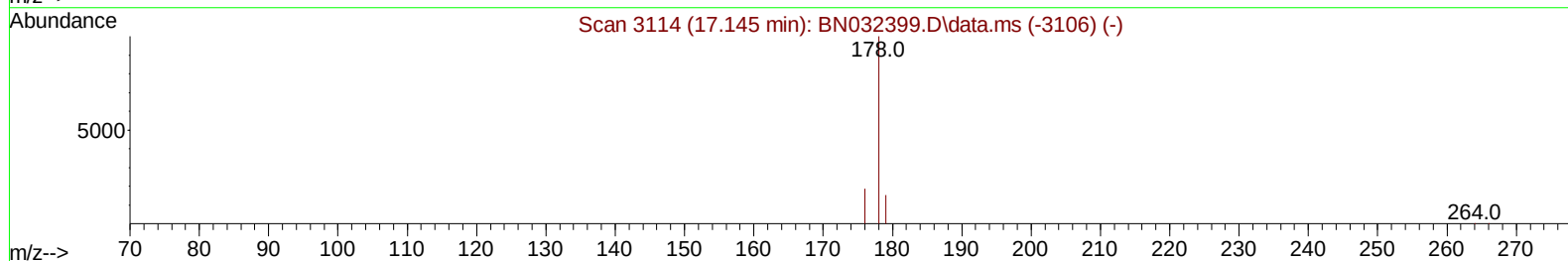
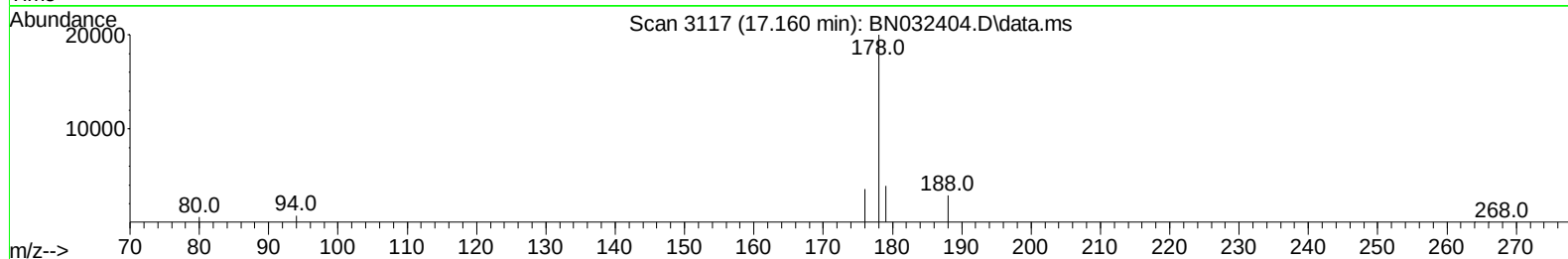
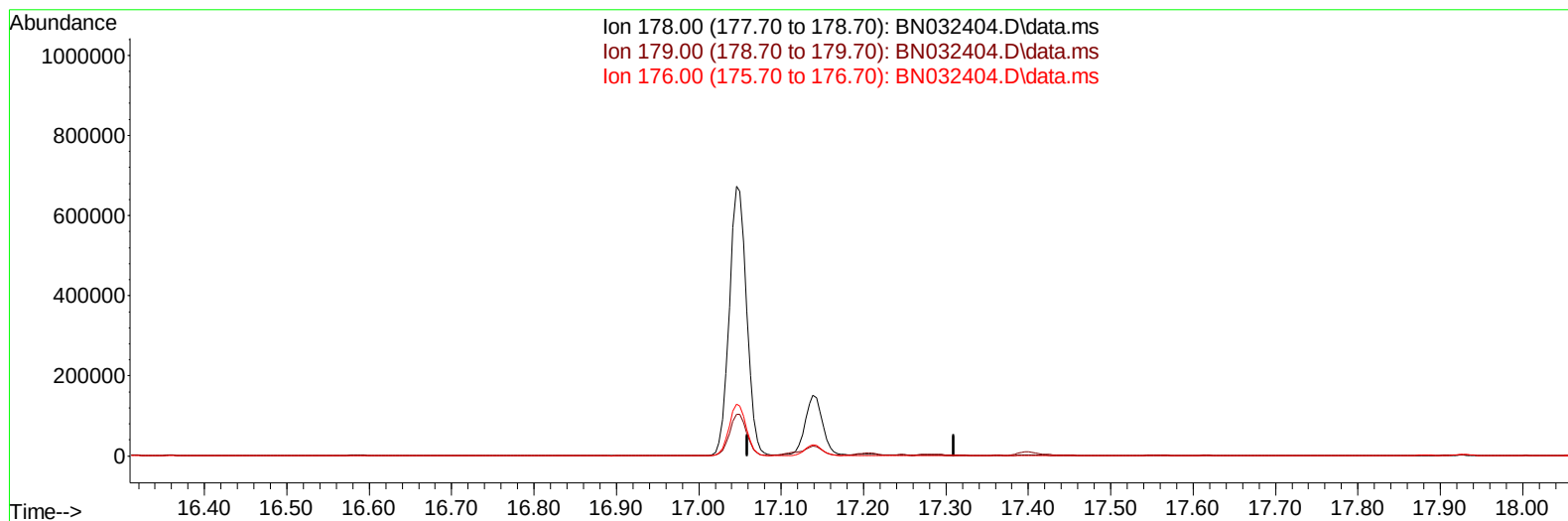
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/ul

response 0

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

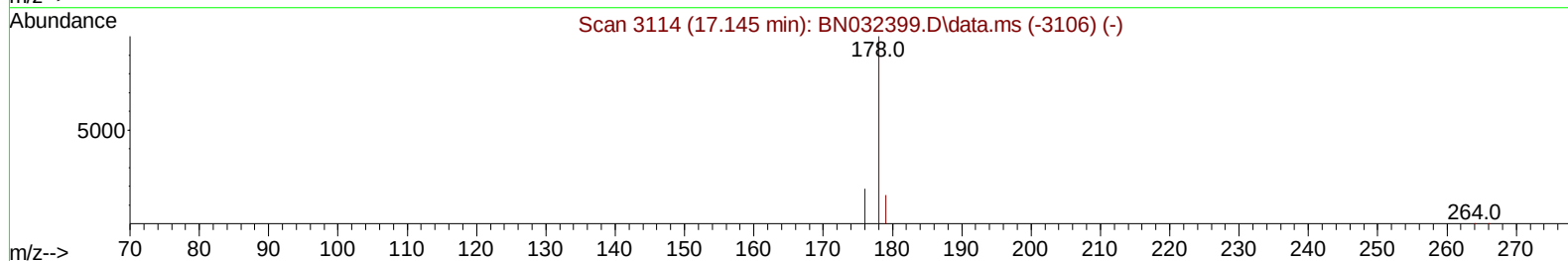
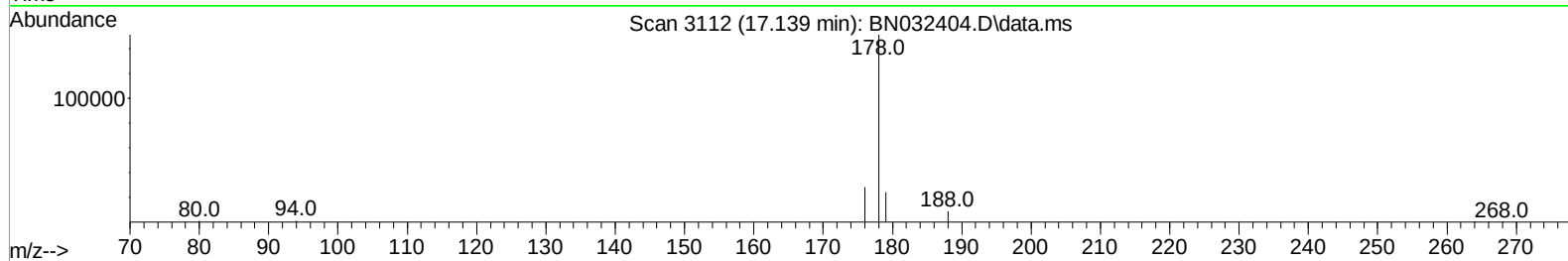
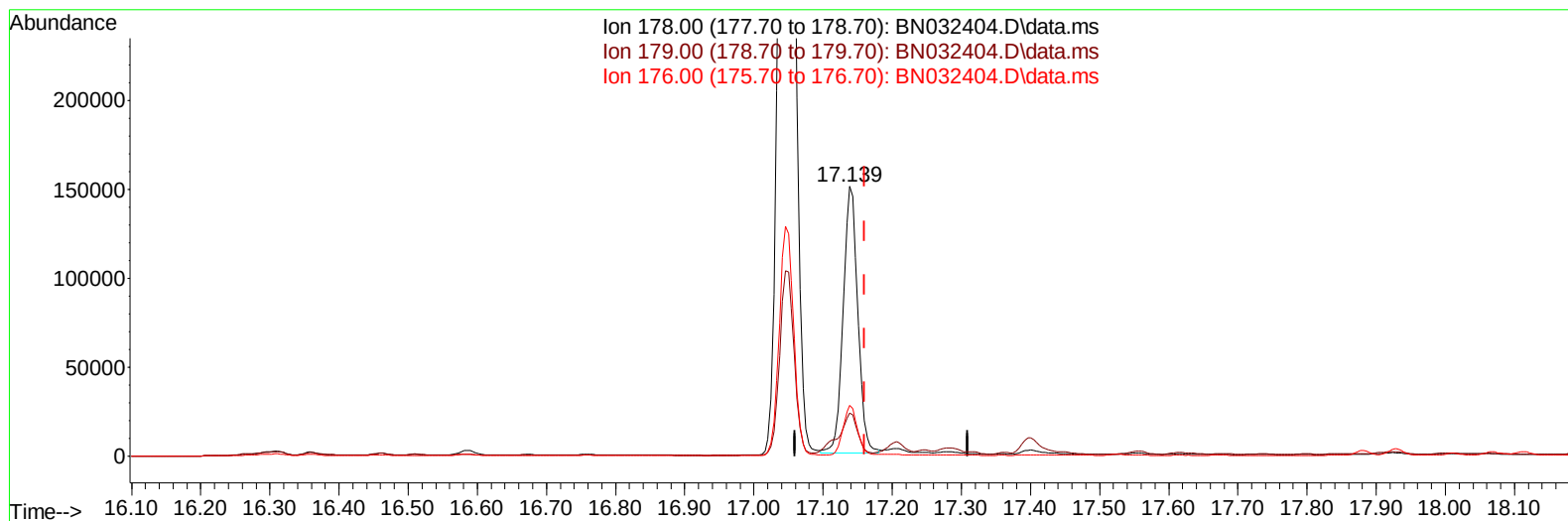
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(16) Anthracene

17.139min (-0.021) 2.74 ng/ul m

response 219698

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.96
176.00	18.80	18.71
0.00	0.00	0.00

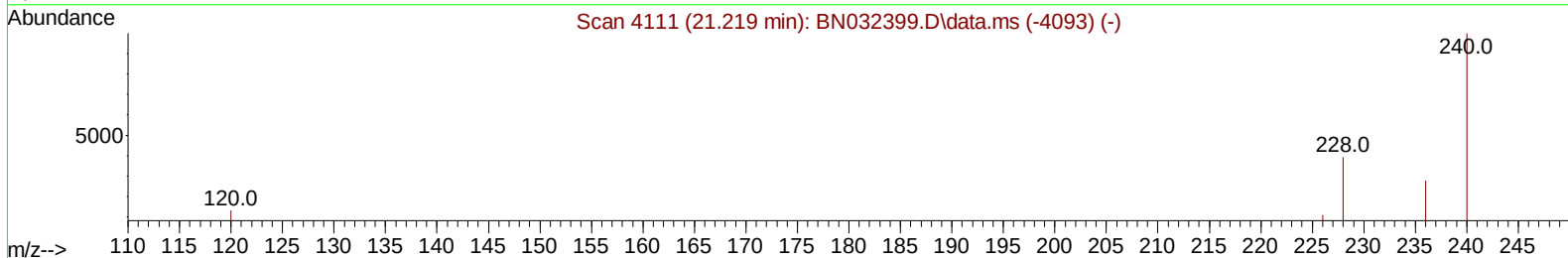
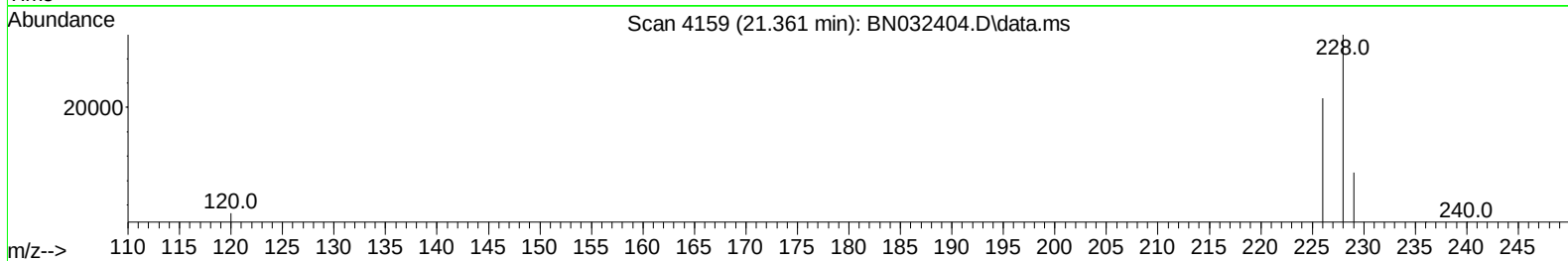
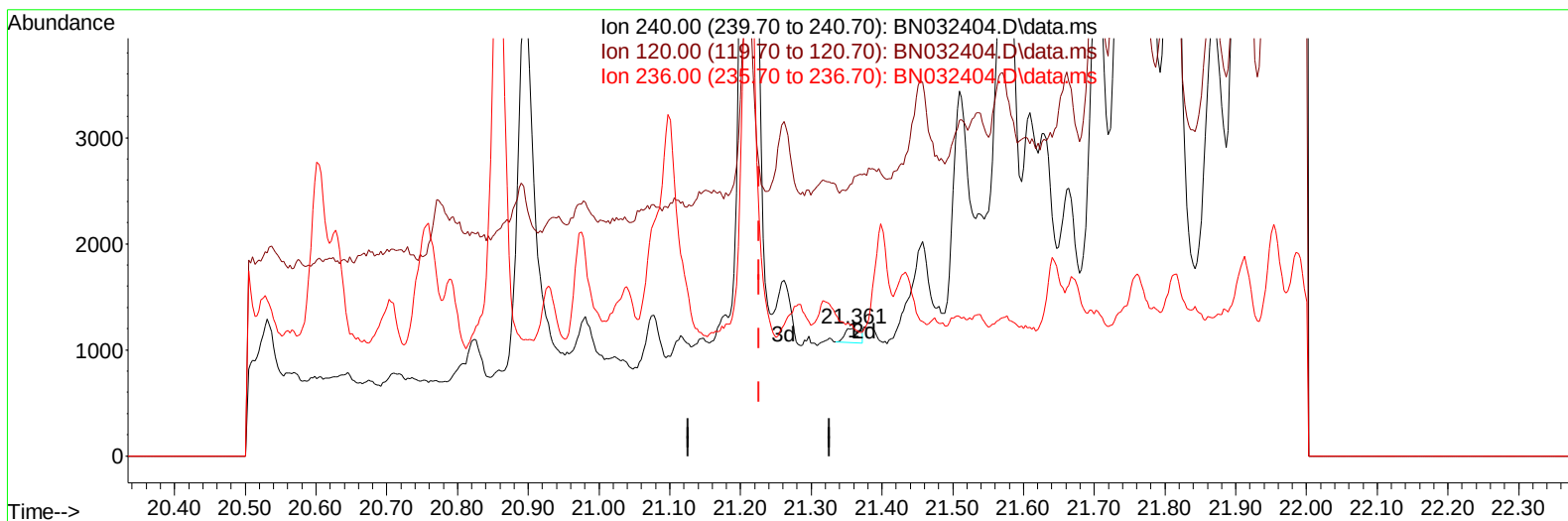
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(17) Chrysene-d12

21.361min (+ 0.134) 0.40 ng/u1

response 204

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	218.77#
236.00	28.40	99.17#
0.00	0.00	0.00

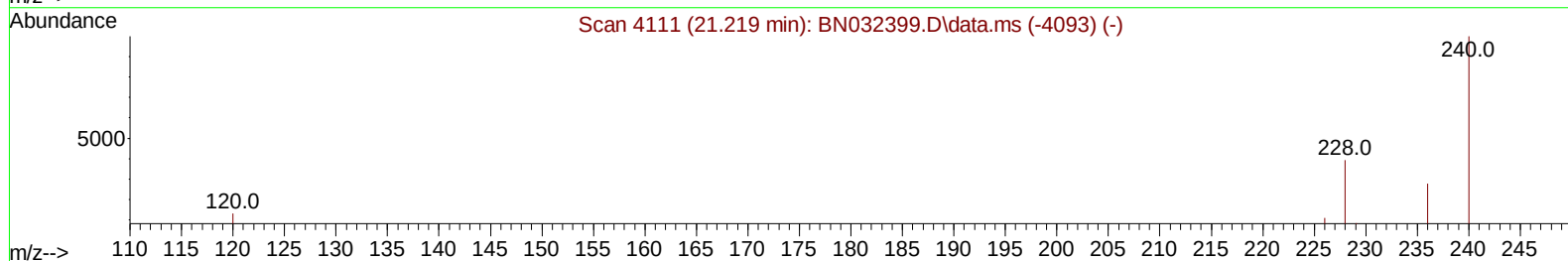
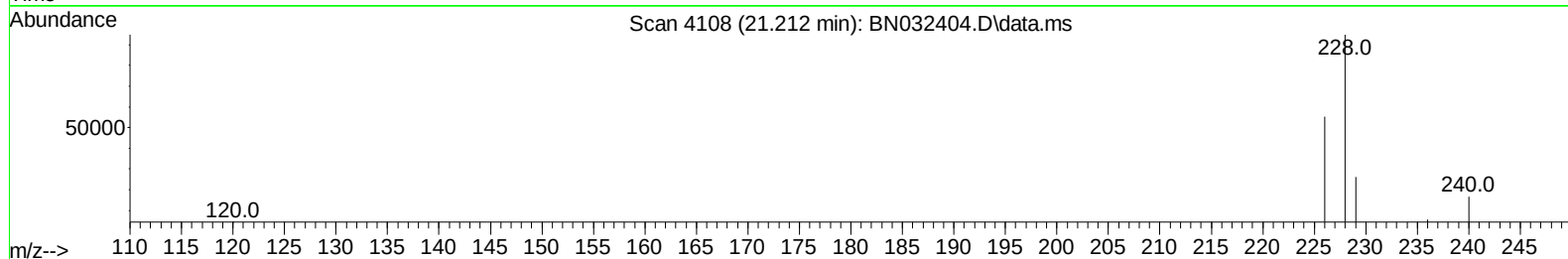
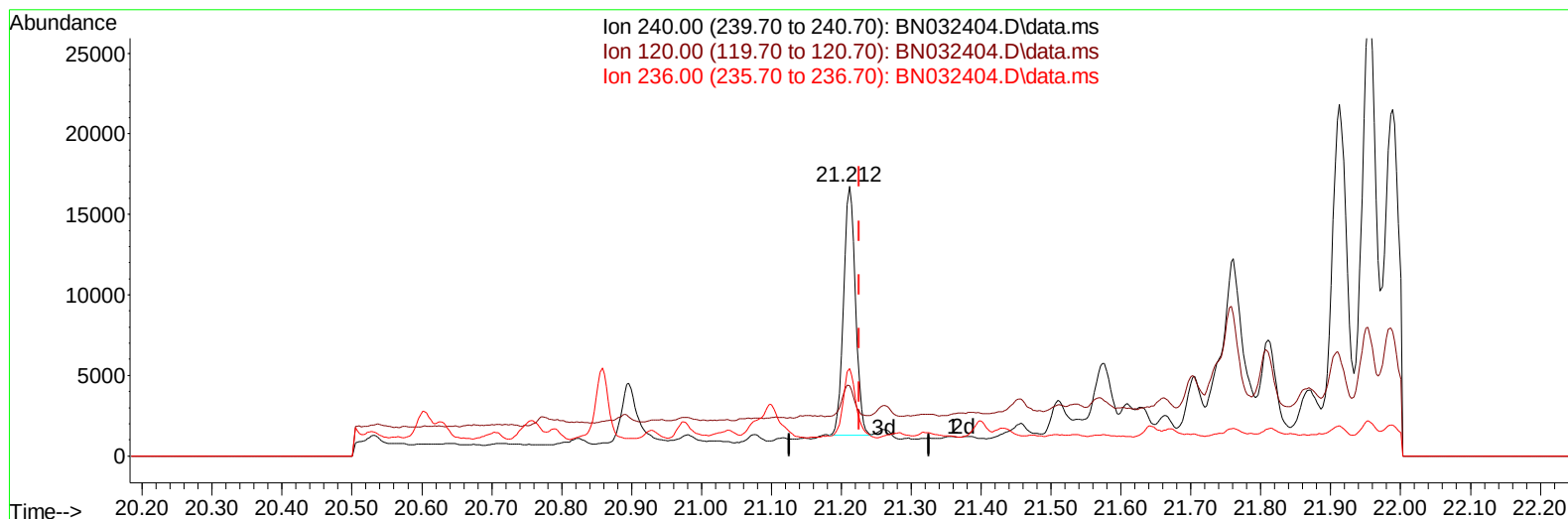
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(17) Chrysene-d12

21.212min (-0.015) 0.40 ng/ul m

response 18371

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	26.00#
236.00	28.40	32.48
0.00	0.00	0.00

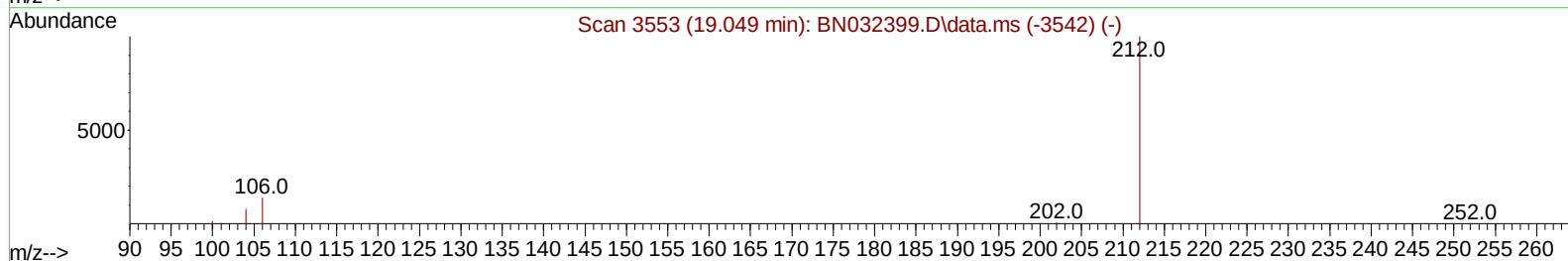
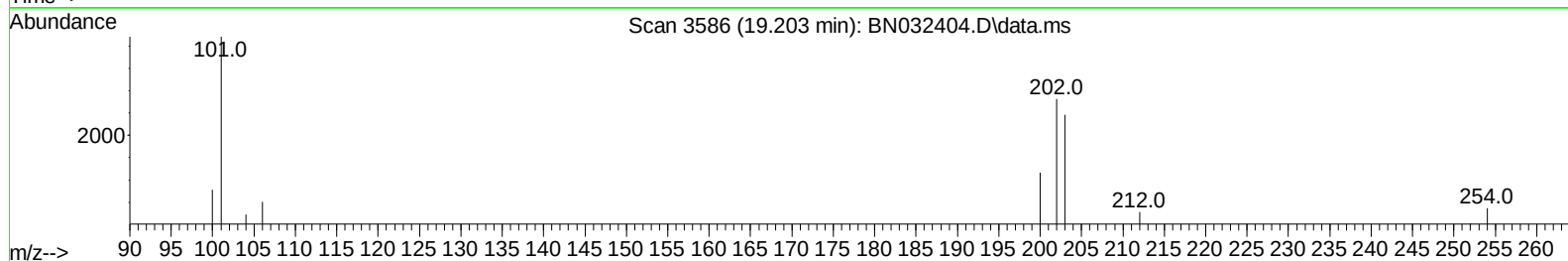
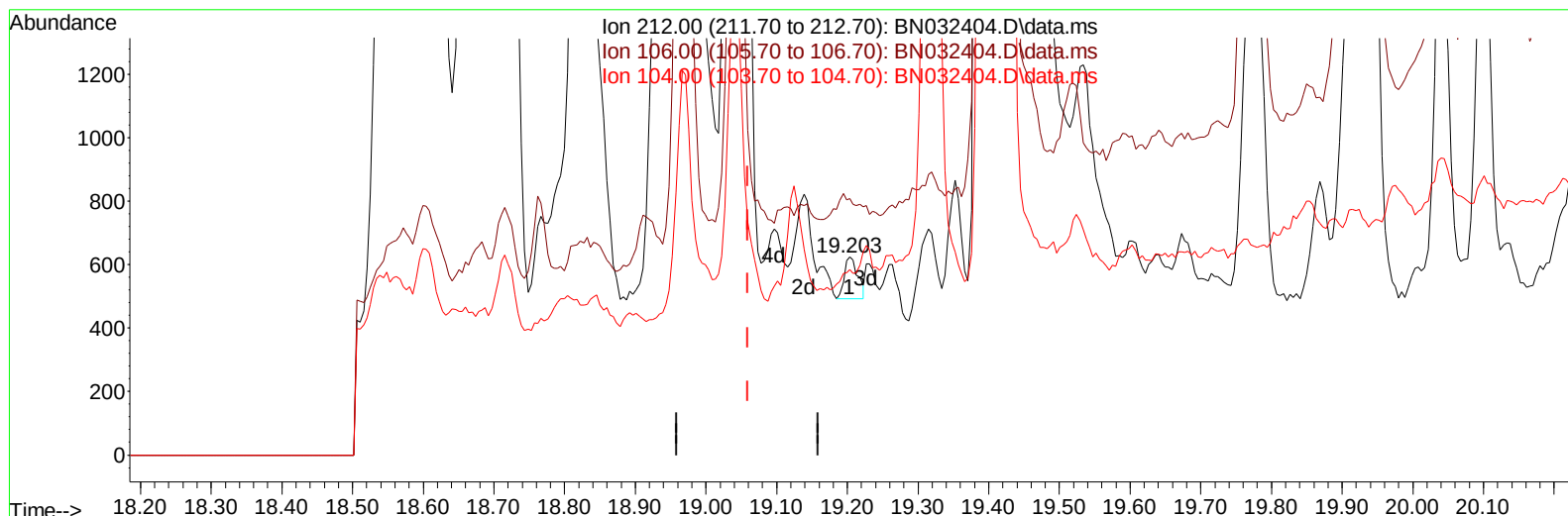
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032404.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.144) 0.00 ng/u1

response 175

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	108.00#
104.00	8.40	44.00#
0.00	0.00	0.00

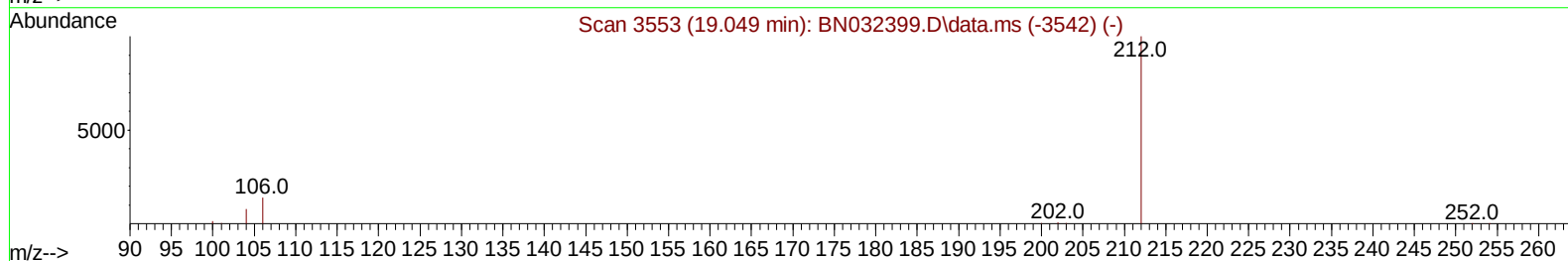
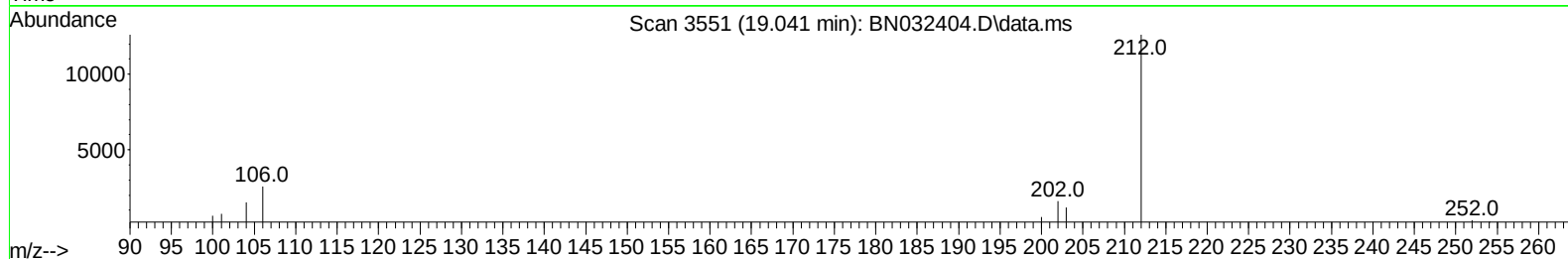
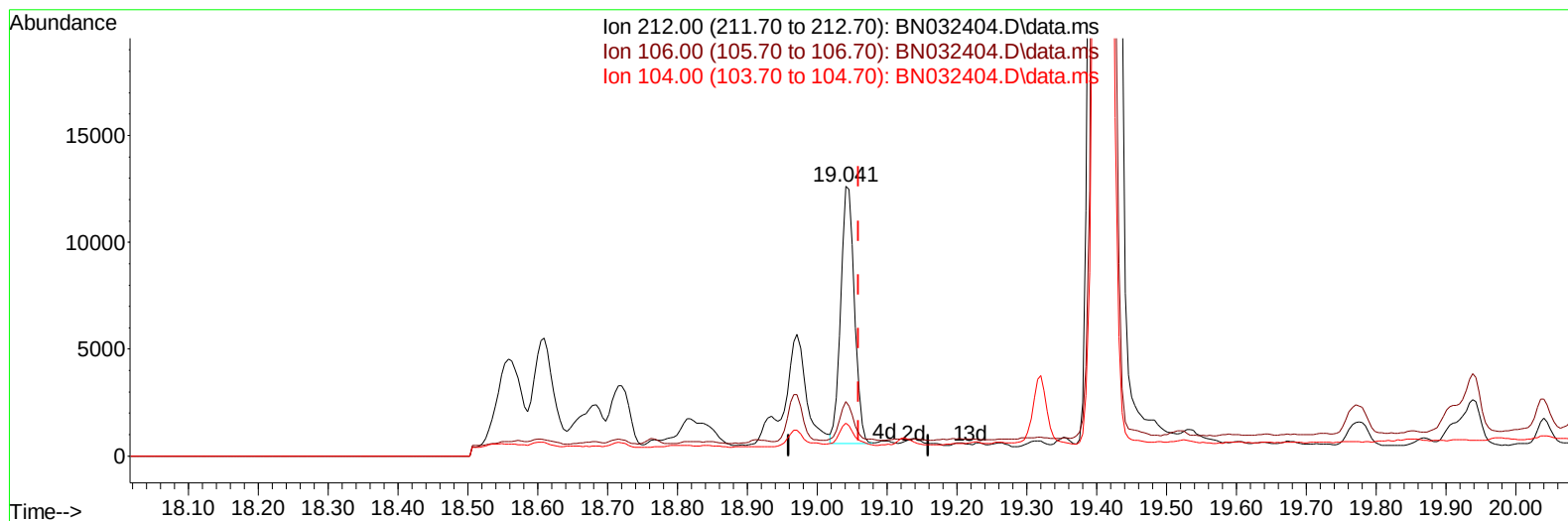
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.019) 0.30 ng/ul m

response 16533

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	1.14#
104.00	8.40	0.47#
0.00	0.00	0.00

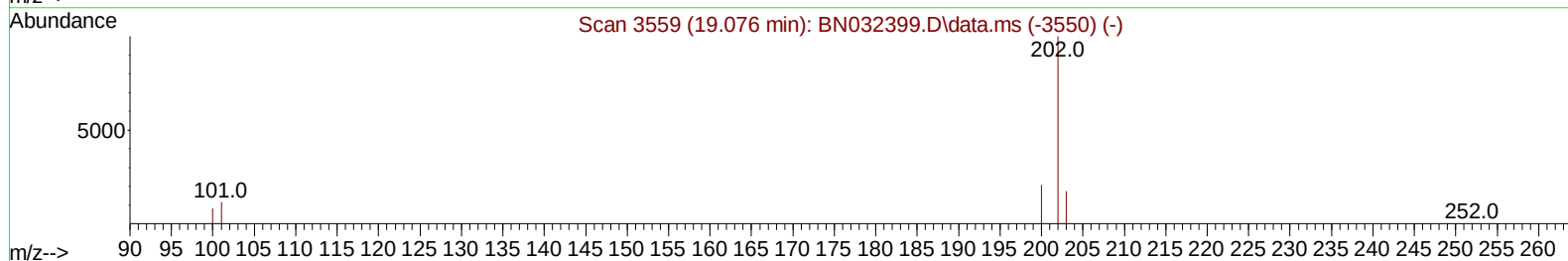
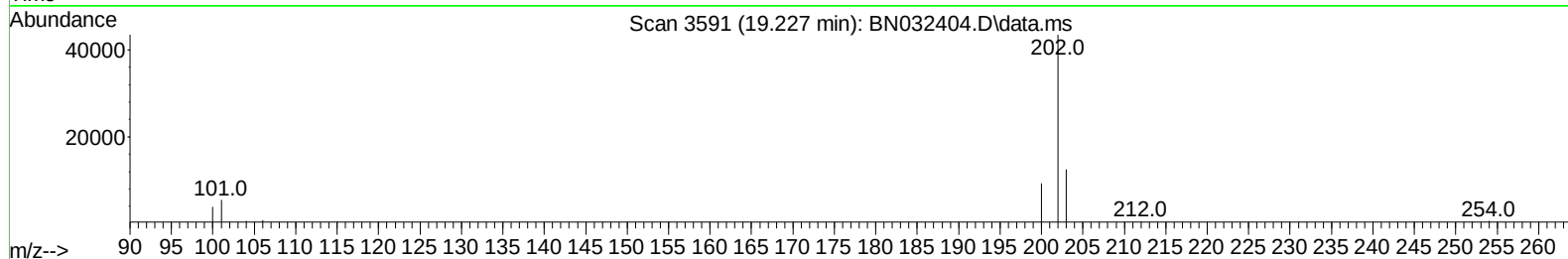
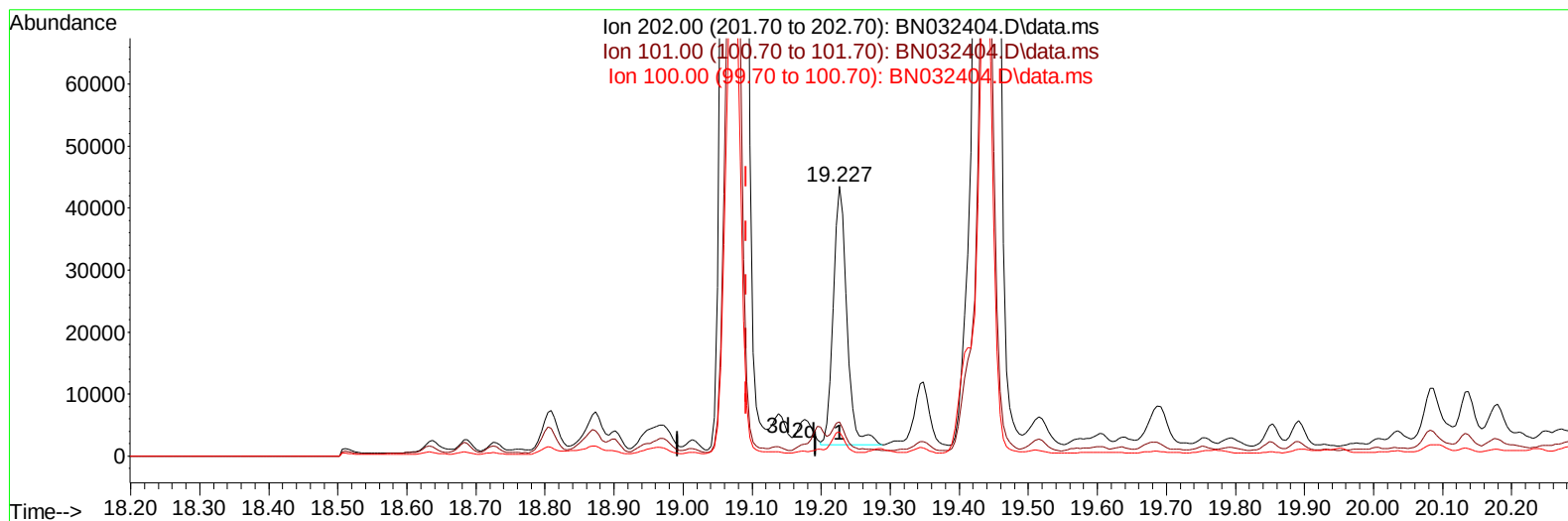
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032404.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.135) 0.82 ng/u1

response 57248

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.54
100.00	8.00	8.86
0.00	0.00	0.00

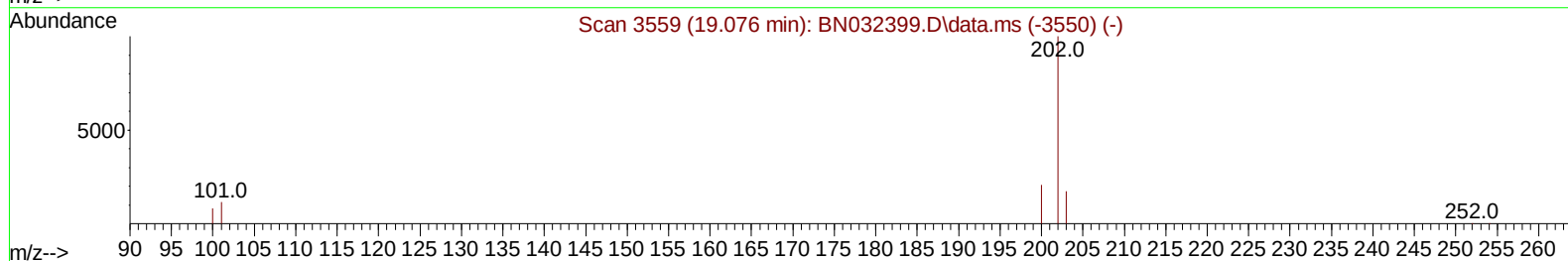
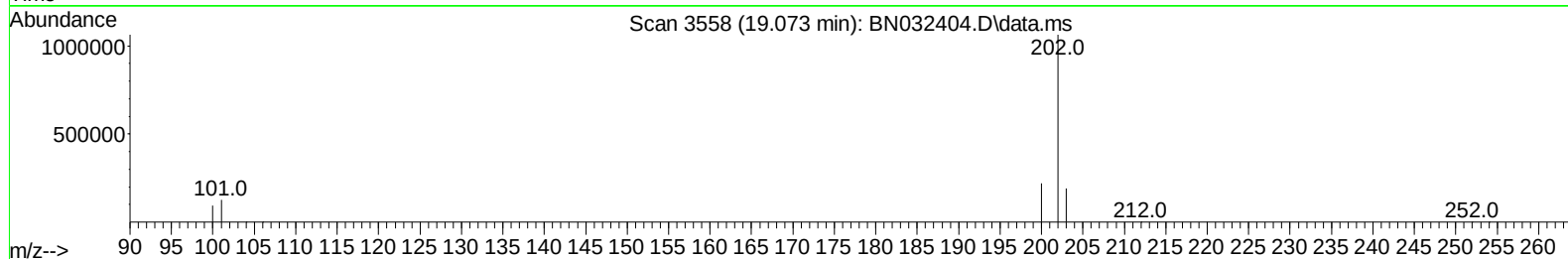
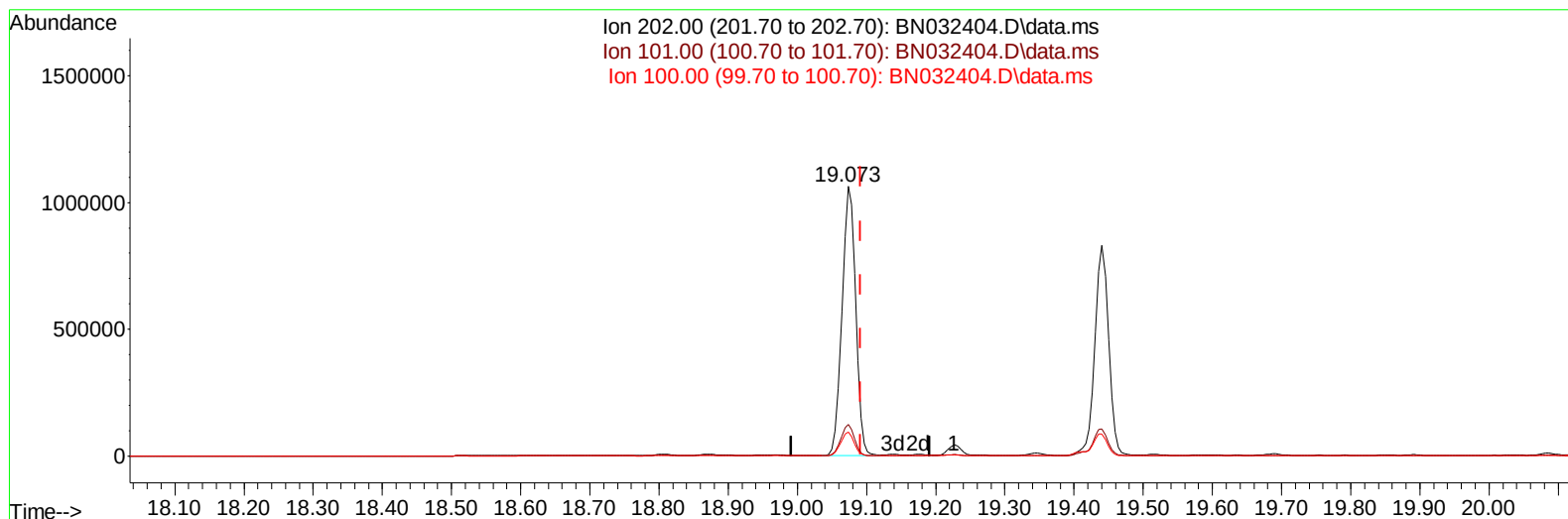
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.019) 20.79 ng/ul m

response 1454274

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.79
100.00	8.00	8.78
0.00	0.00	0.00

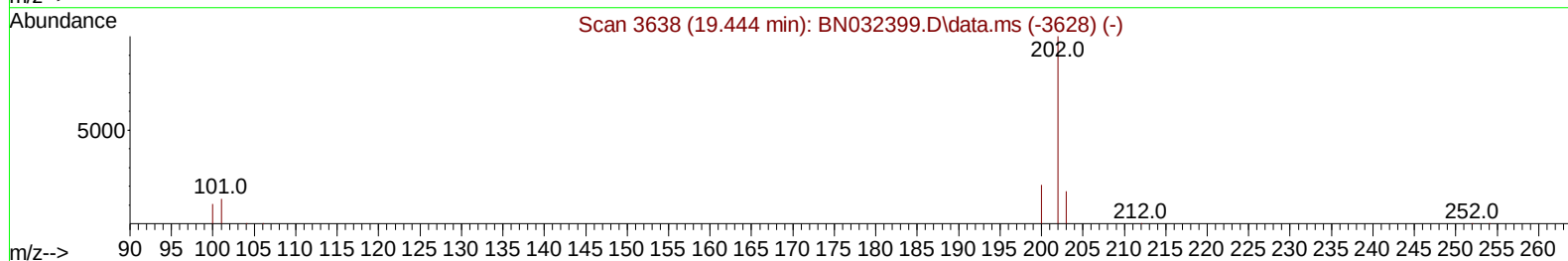
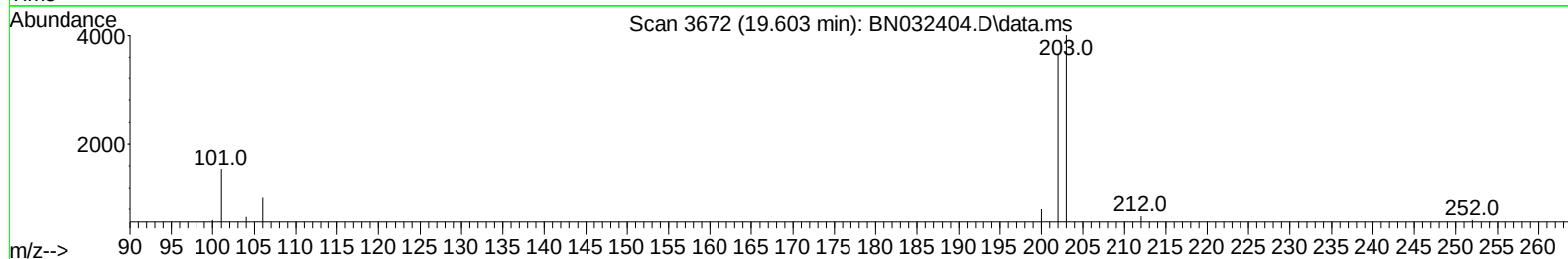
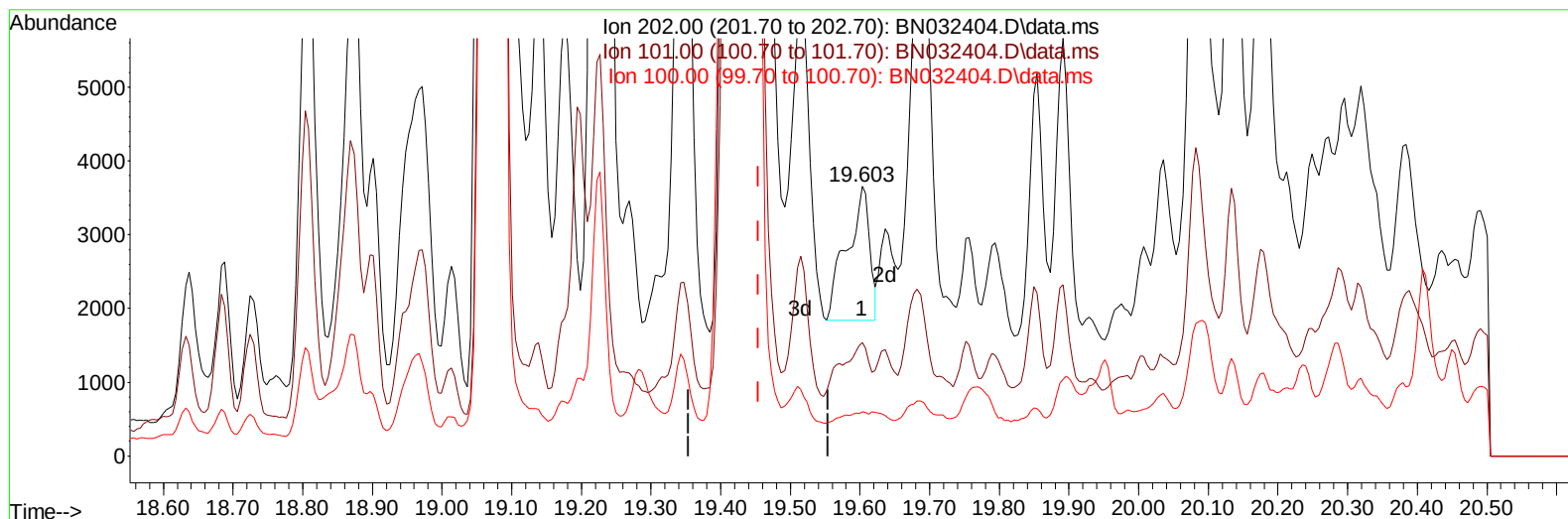
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032404.D
 Acq On : 02 Jul 2024 17:11
 Operator : MA/JU
 Sample : P2871-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(20) Pyrene

19.603min (+ 0.149) 0.06 ng/u1

response 4125

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	42.20#
100.00	10.90	16.50#
0.00	0.00	0.00

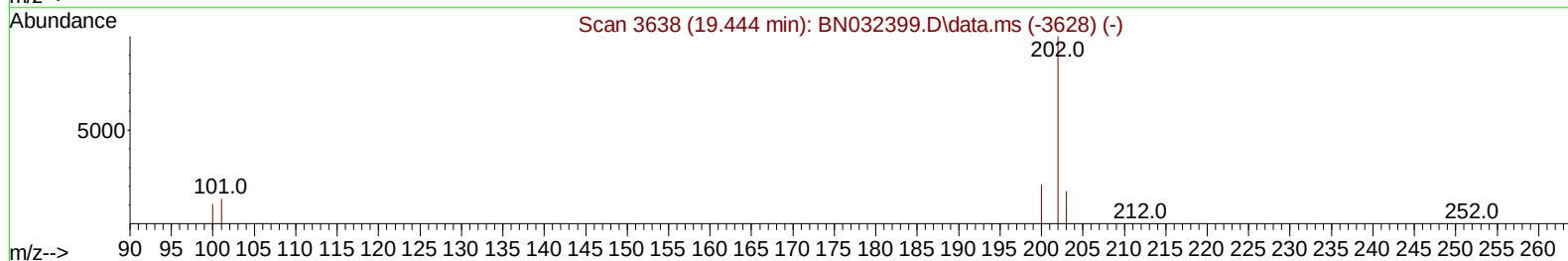
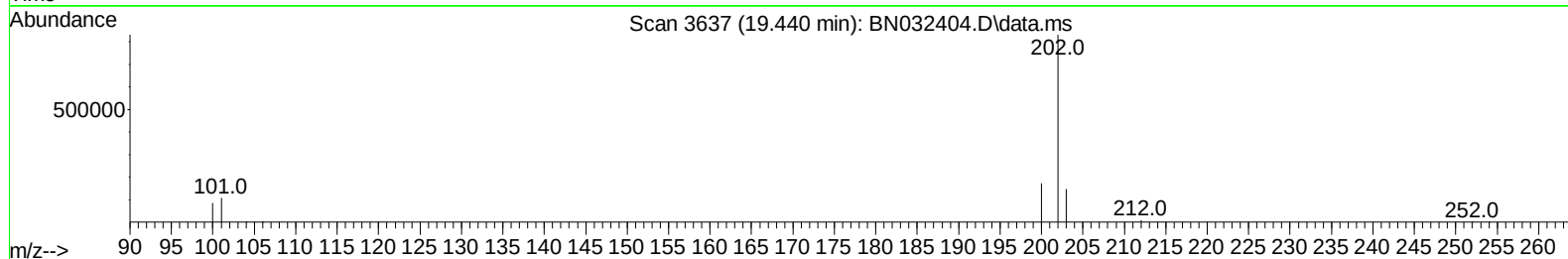
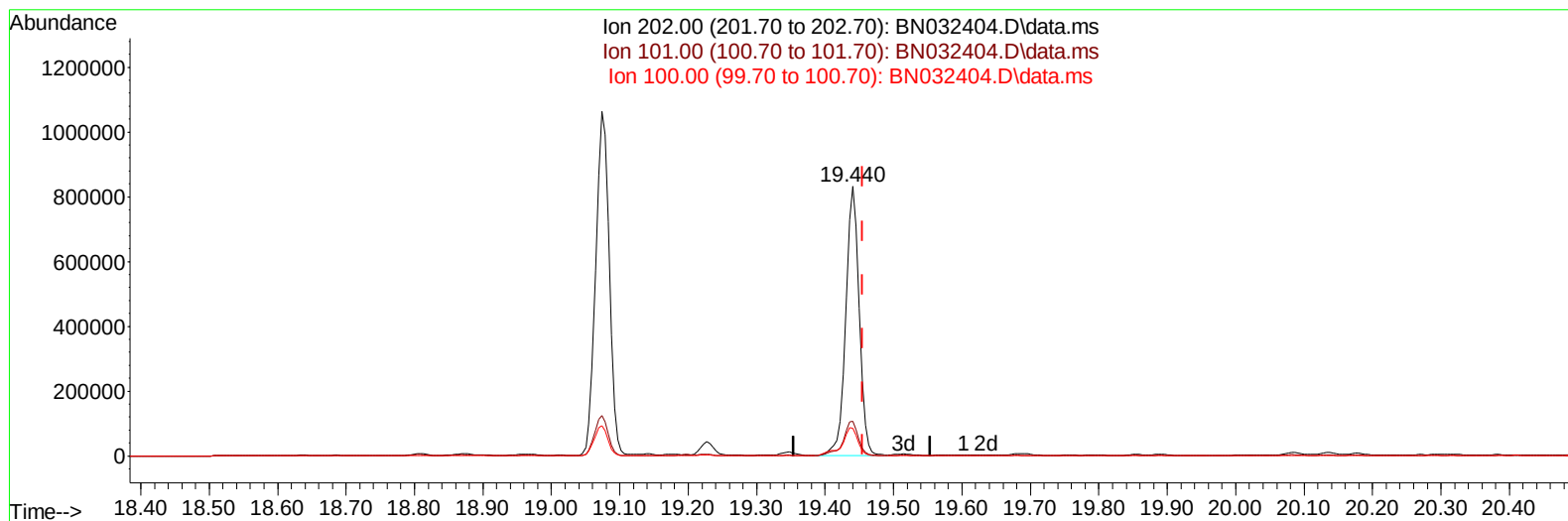
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(20) Pyrene

19.440min (-0.014) 15.59 ng/ul m

response 1139586

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.87
100.00	10.90	10.31
0.00	0.00	0.00

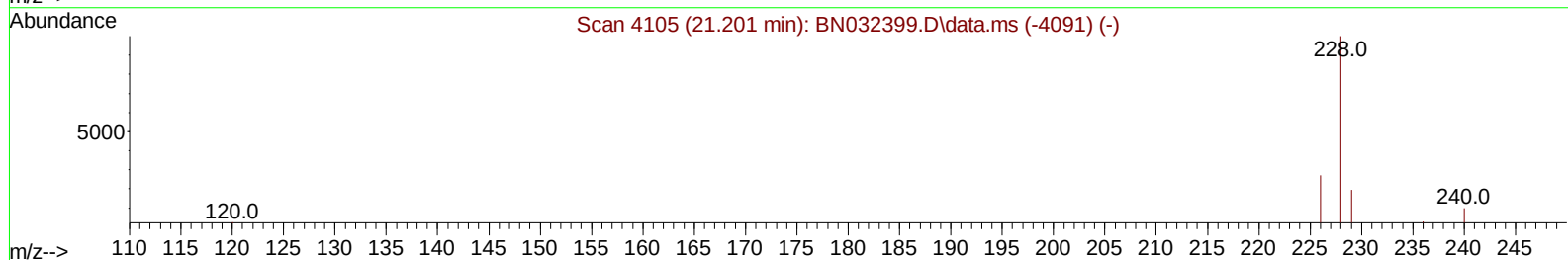
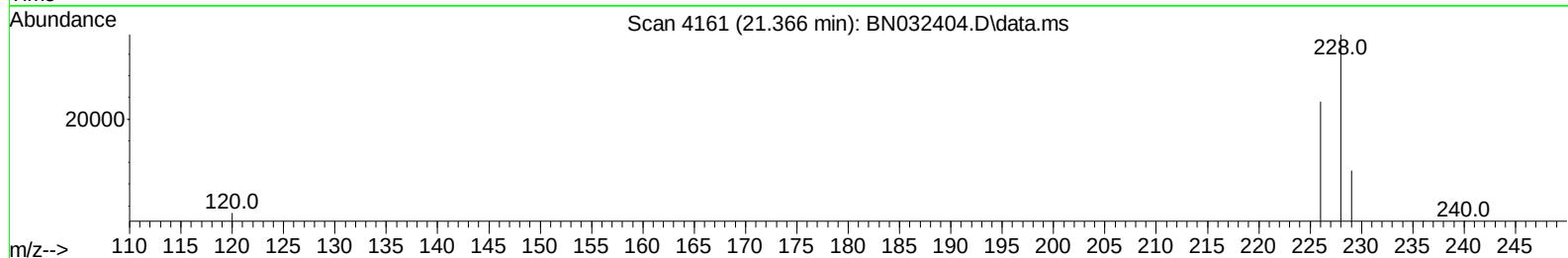
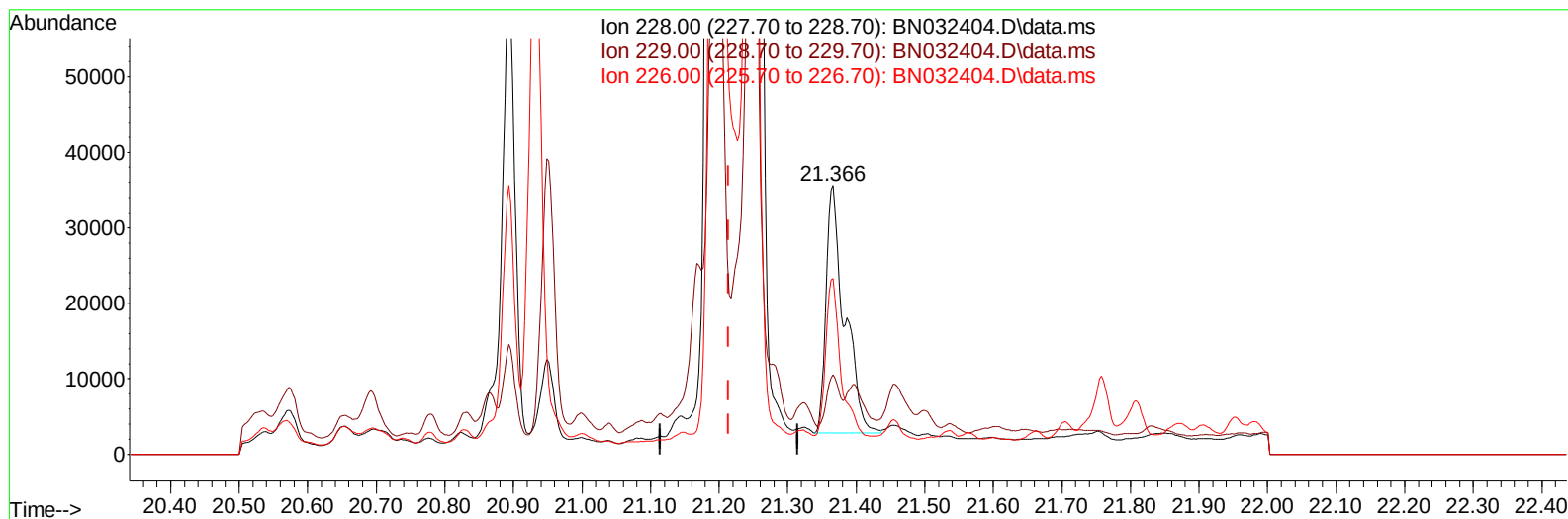
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(21) Benzo(a)anthracene

21.366min (+ 0.152) 0.93 ng/u1

response 61818

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	29.57#
226.00	27.30	65.37#
0.00	0.00	0.00

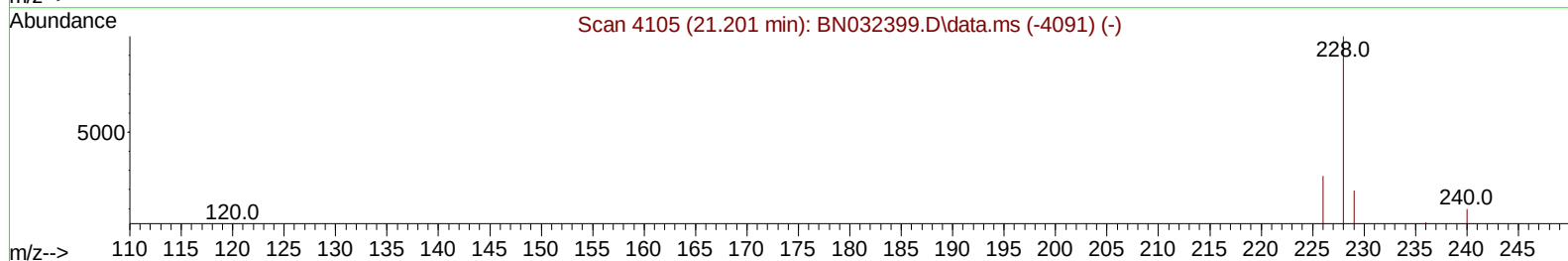
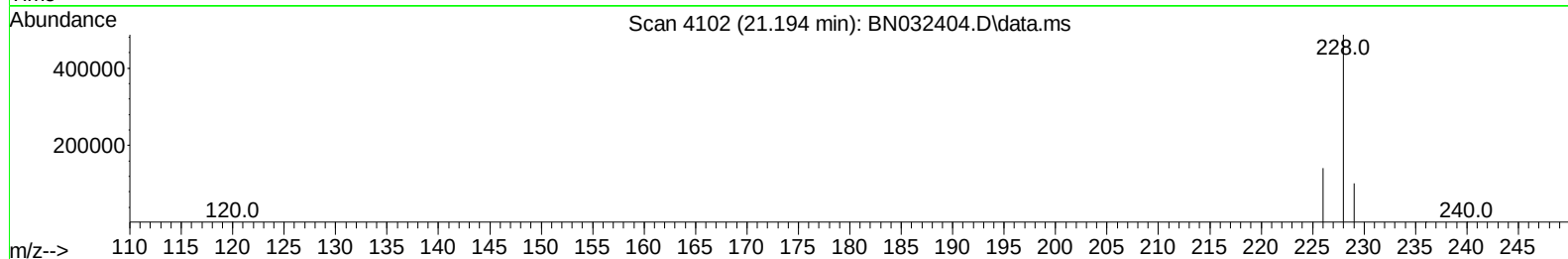
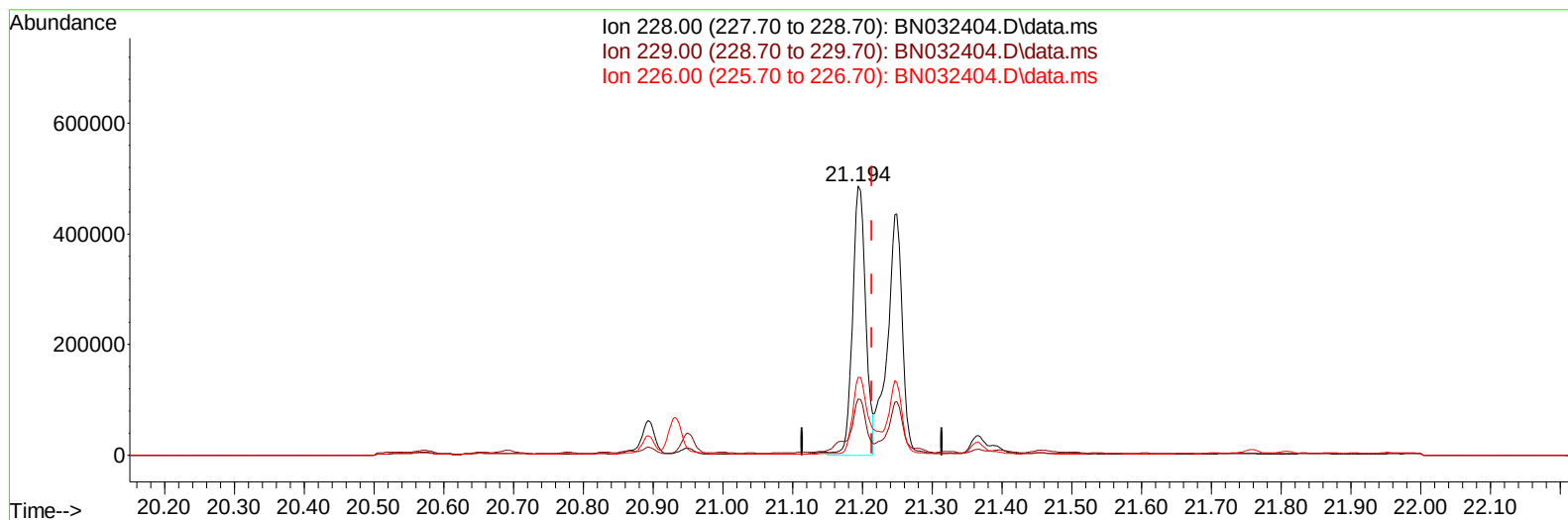
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(21) Benzo(a)anthracene

21.194min (-0.020) 9.55 ng/ul m

response 633180

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.91
226.00	27.30	28.94
0.00	0.00	0.00

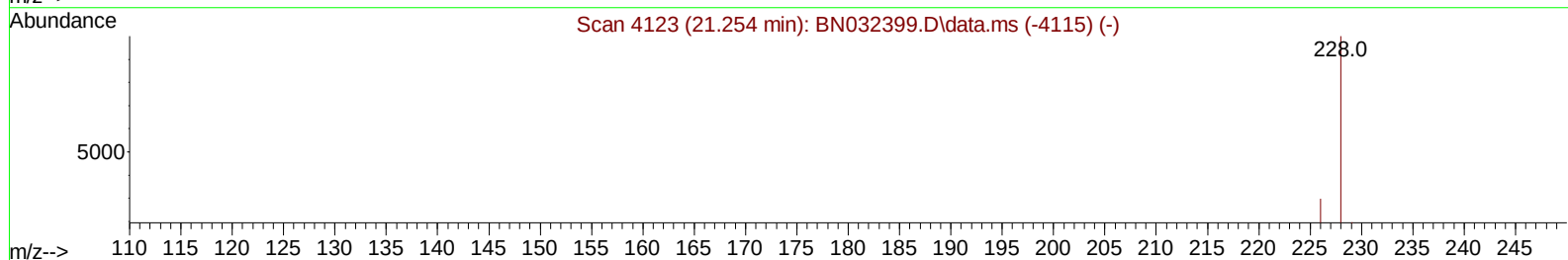
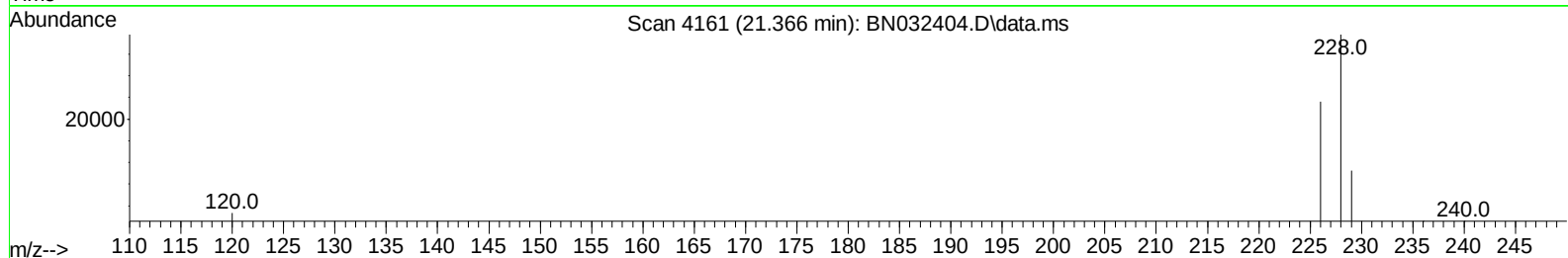
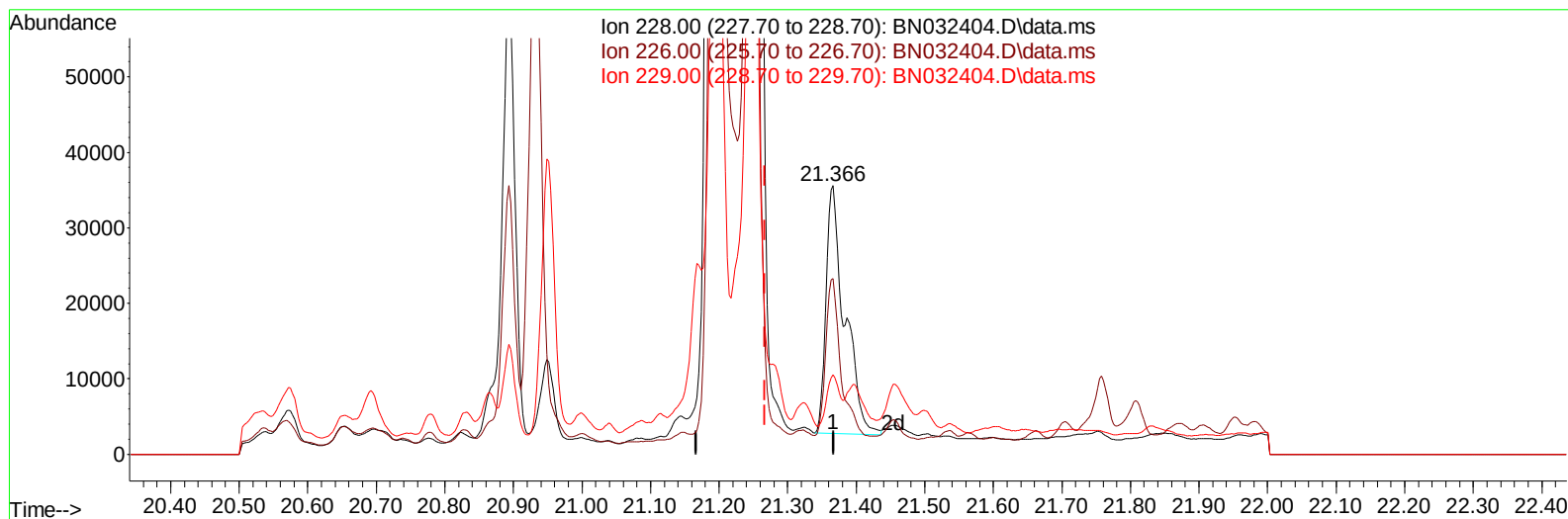
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(22) Chrysene

21.366min (+ 0.099) 0.86 ng/u1

response 62387

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.37#
229.00	19.60	29.57#
0.00	0.00	0.00

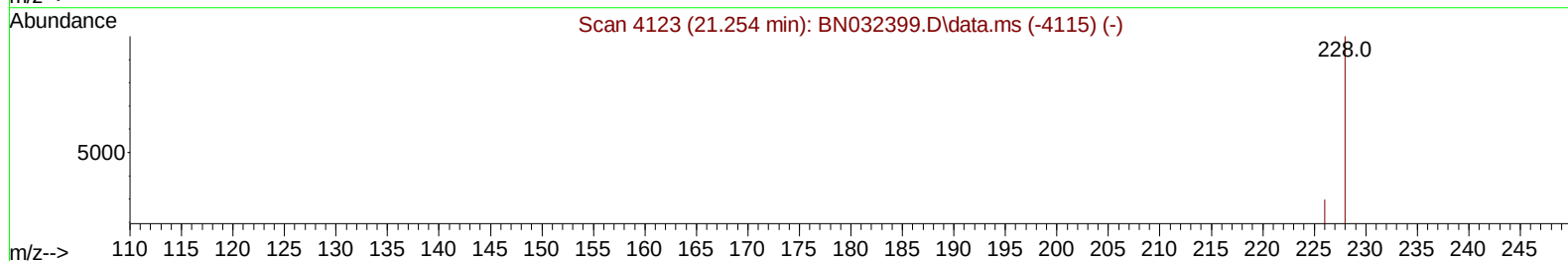
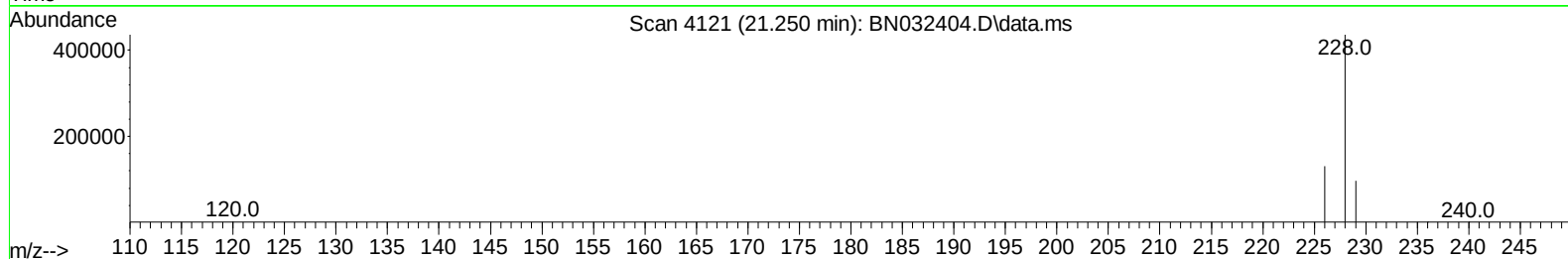
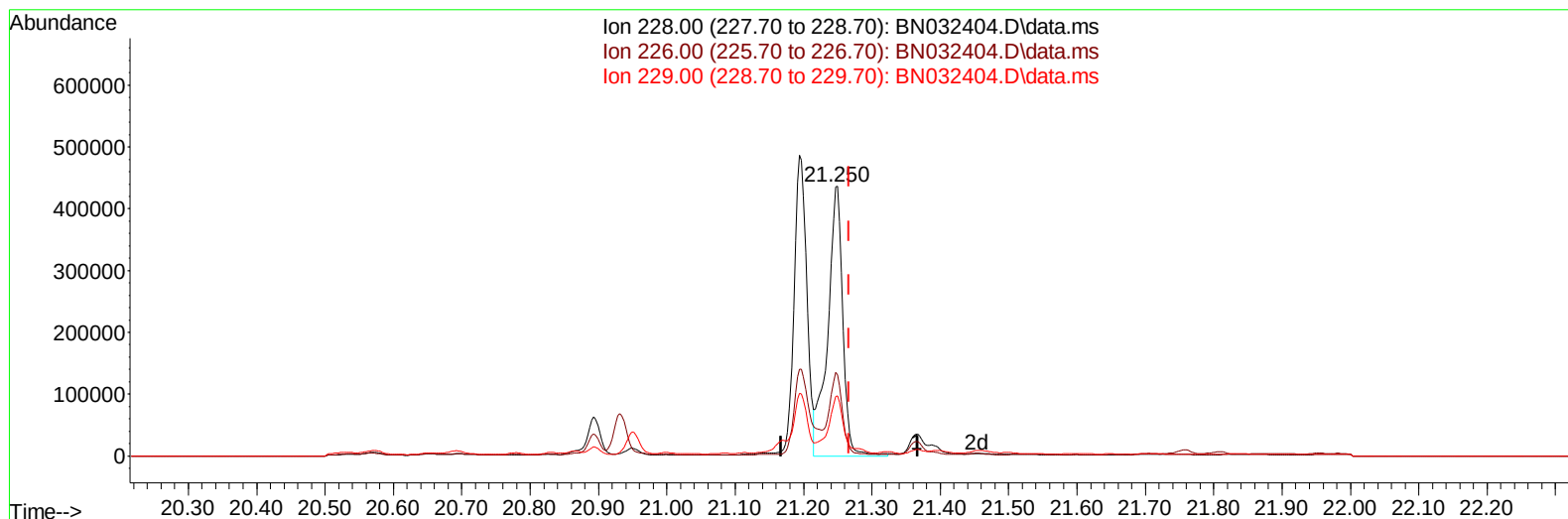
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(22) Chrysene

21.250min (-0.018) 9.22 ng/ul m

response 671209

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.05
229.00	19.60	22.34
0.00	0.00	0.00

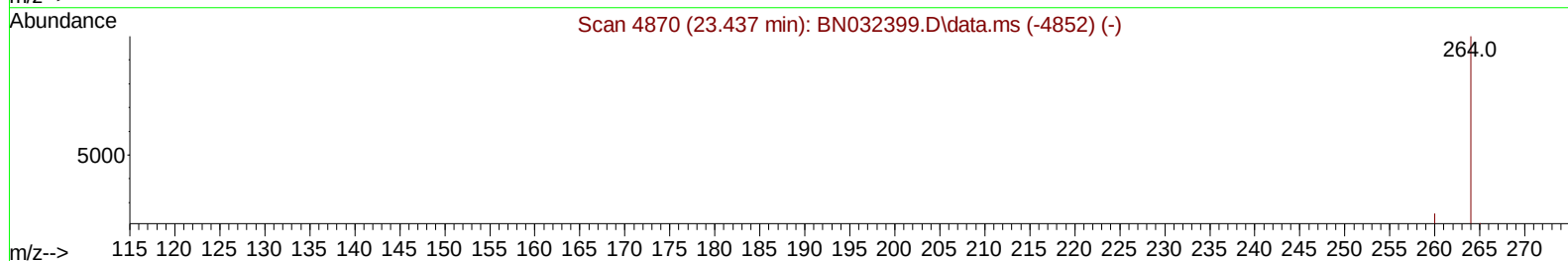
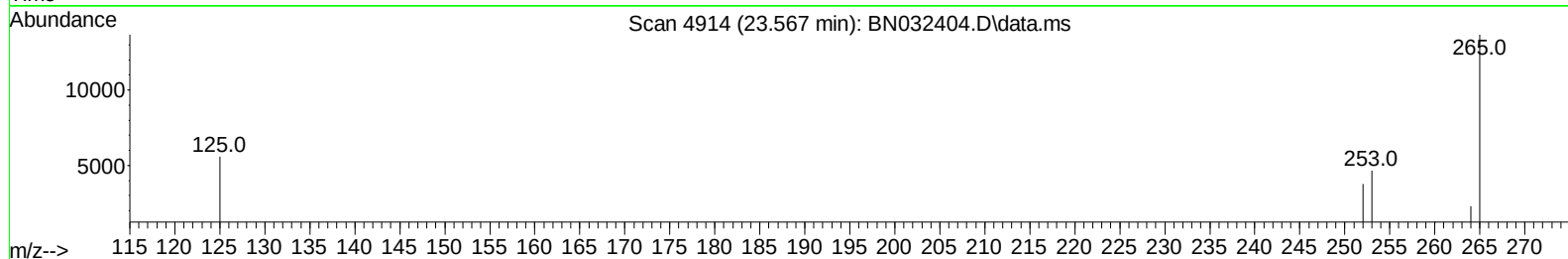
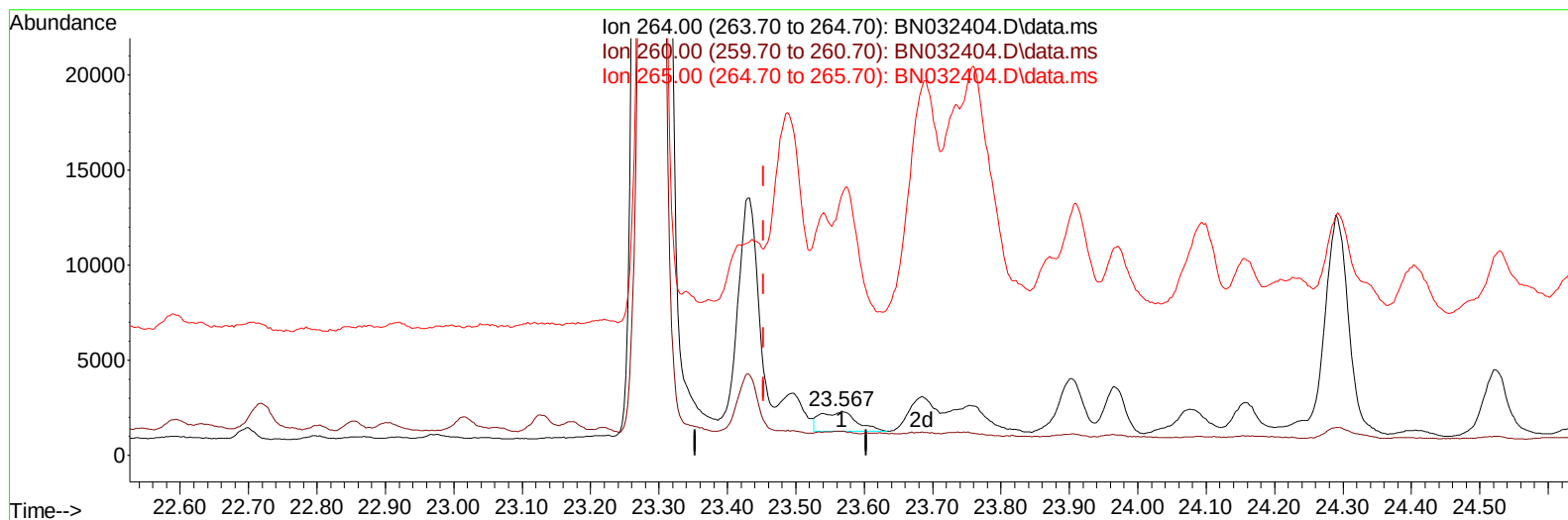
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.114) 0.40 ng/u1

response 3838

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	53.93#
265.00	67.20	593.23#
0.00	0.00	0.00

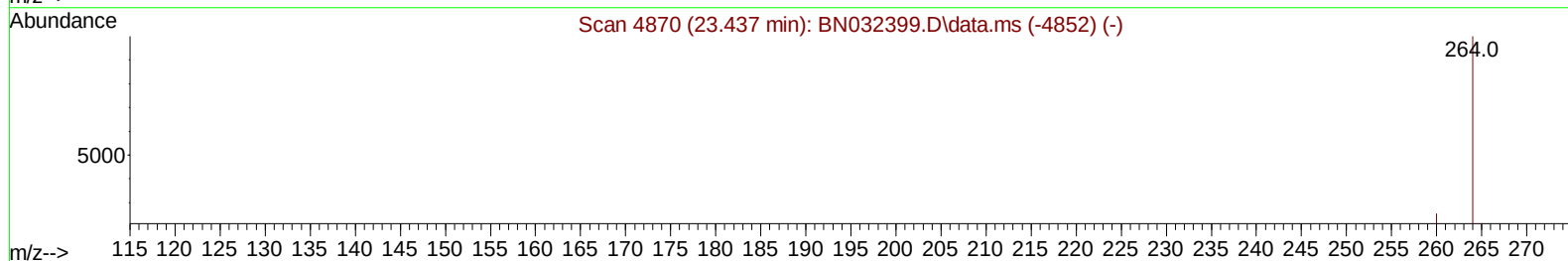
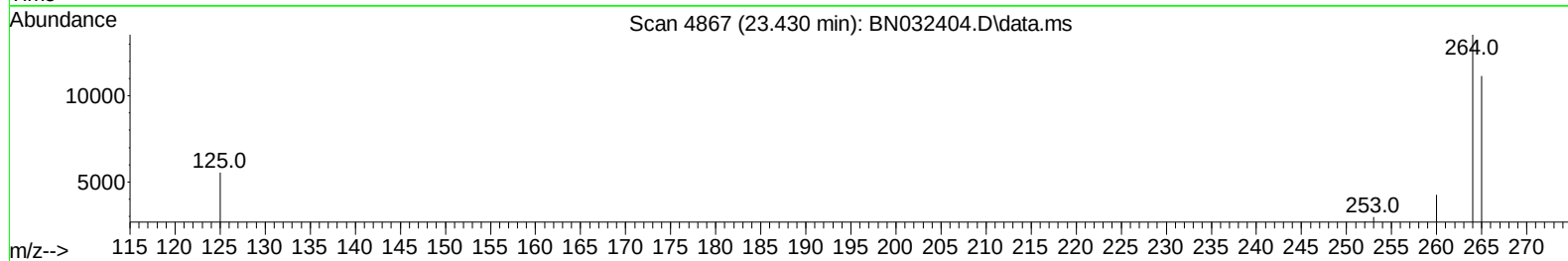
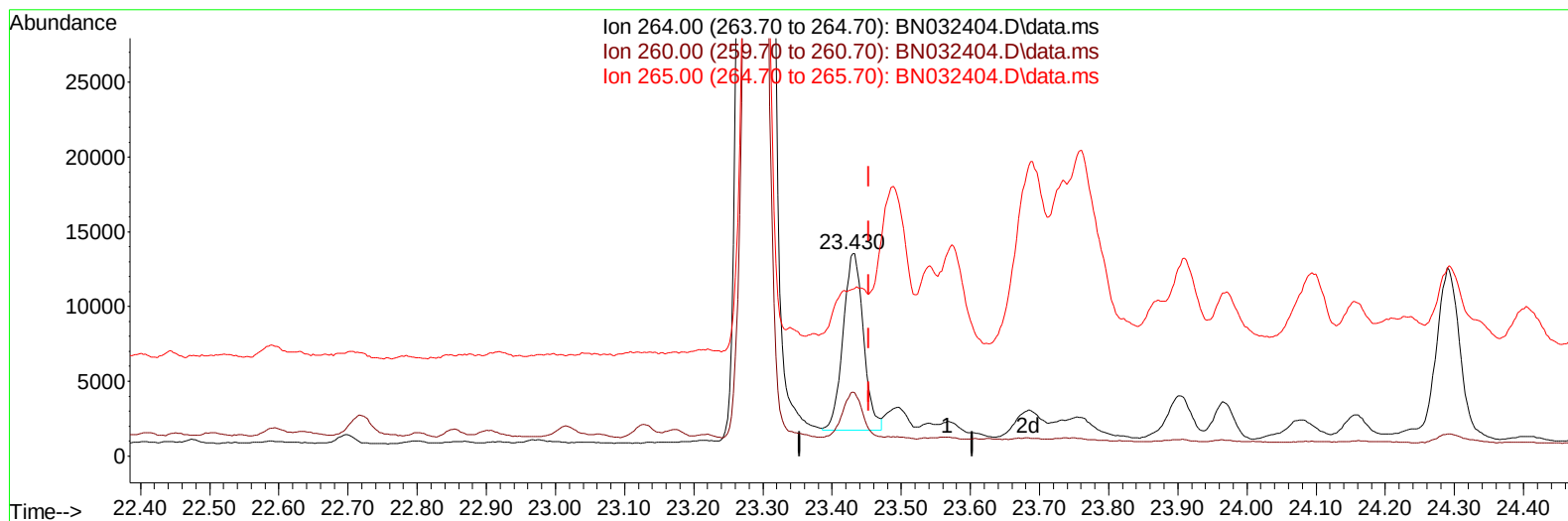
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.023) 0.40 ng/ul m

response 24239

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	31.57#
265.00	67.20	82.39#
0.00	0.00	0.00

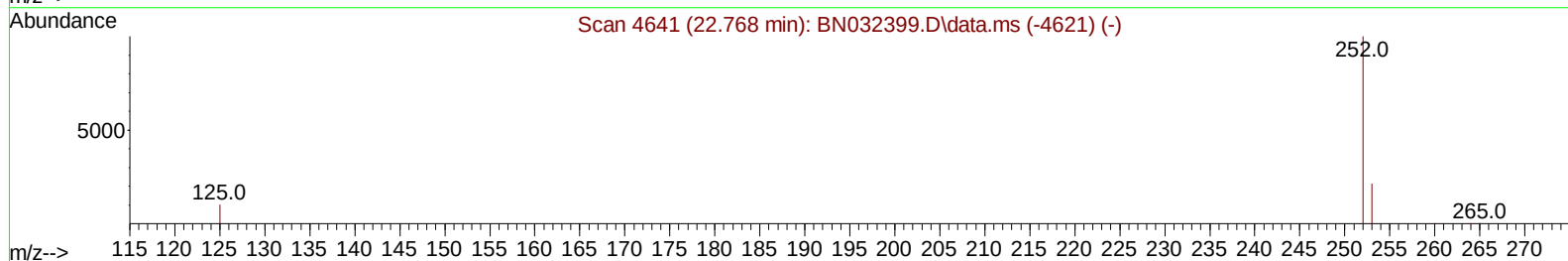
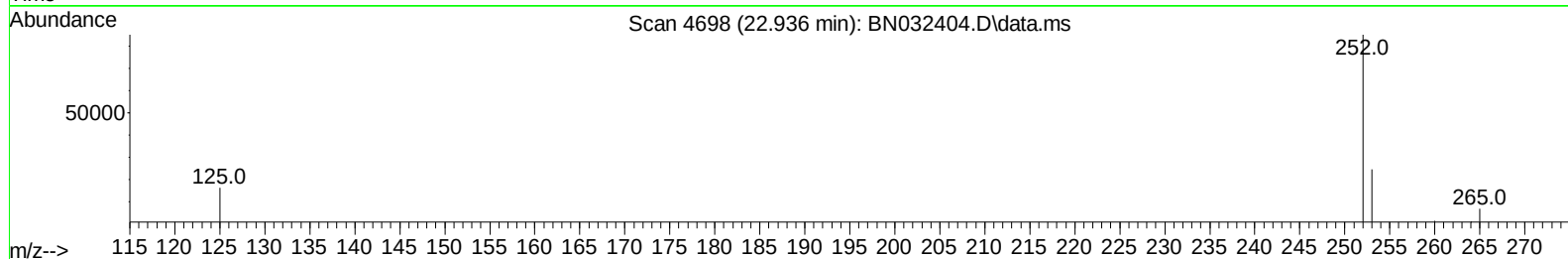
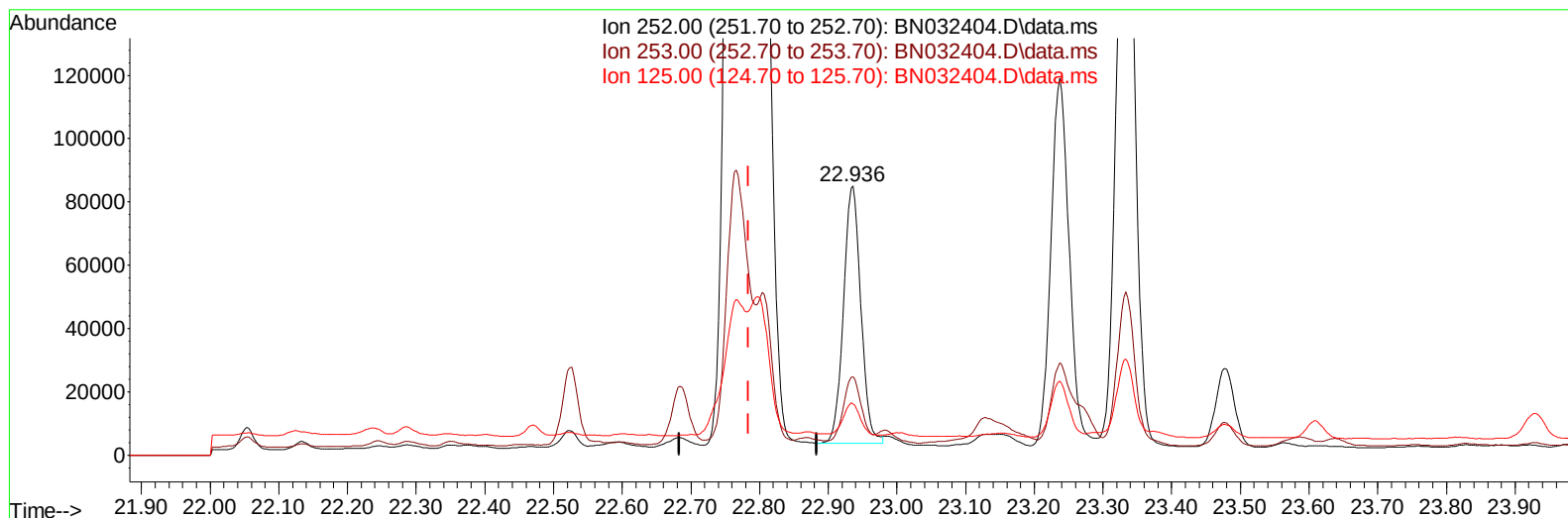
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 1.35 ng/u1

response 142681

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.07
125.00	16.00	19.11
0.00	0.00	0.00

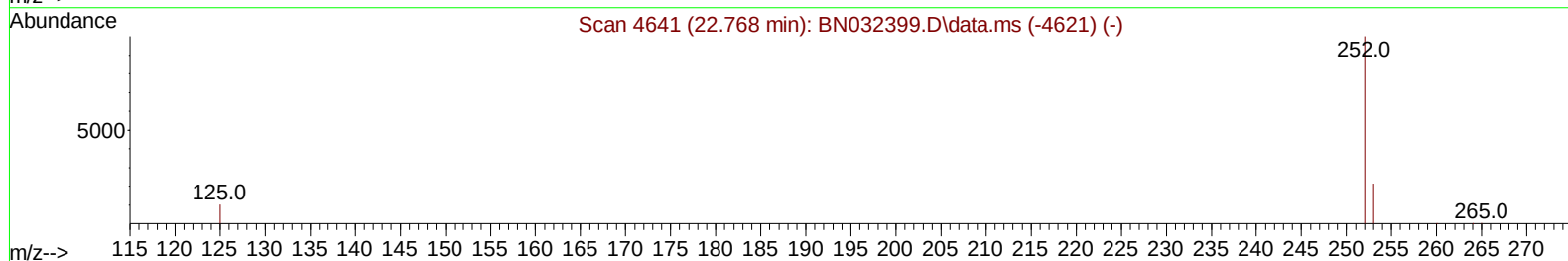
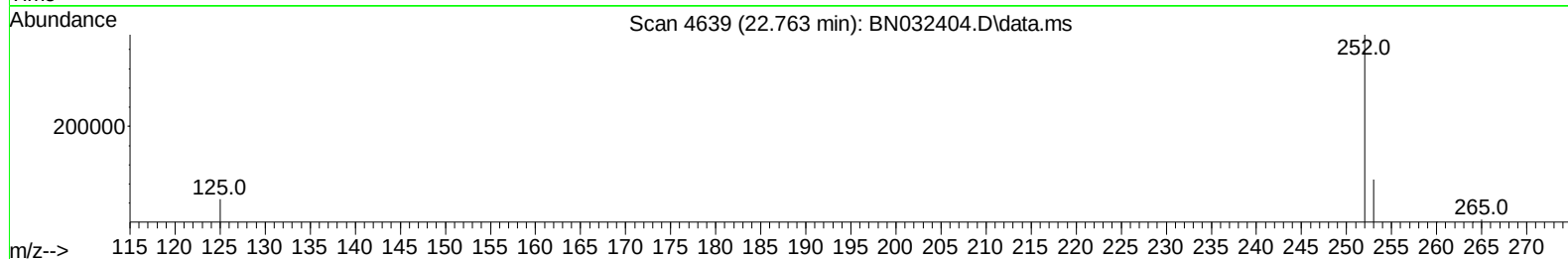
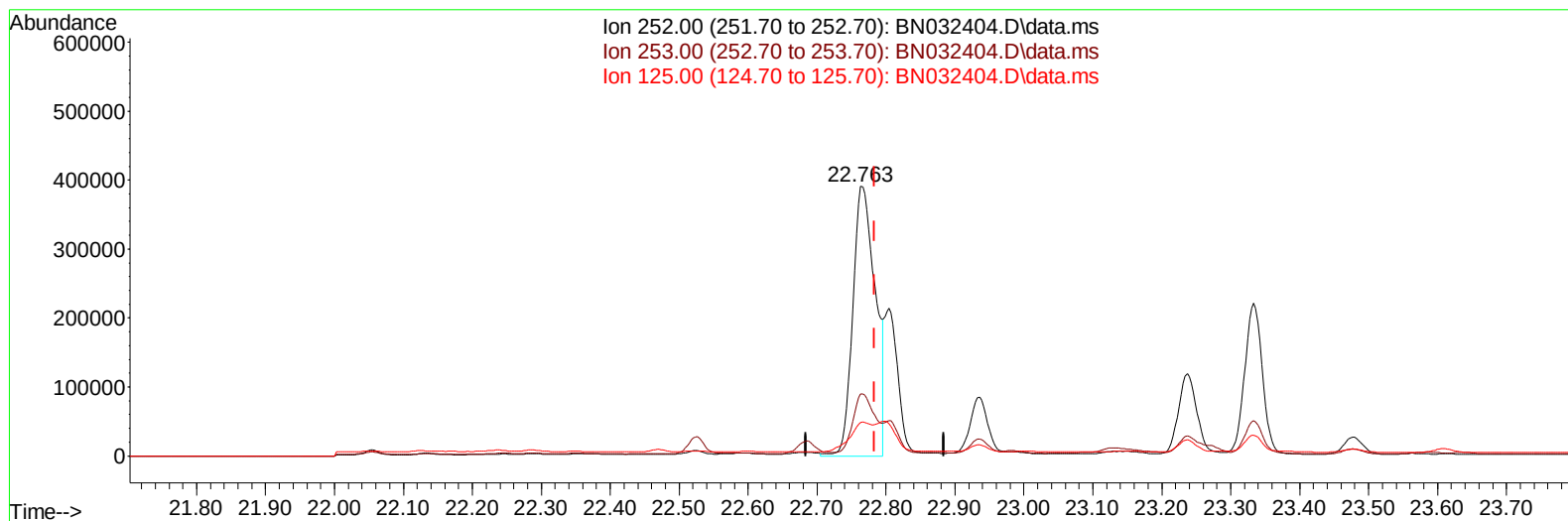
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.020) 8.51 ng/ul m

response 895665

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.91
125.00	16.00	12.37
0.00	0.00	0.00

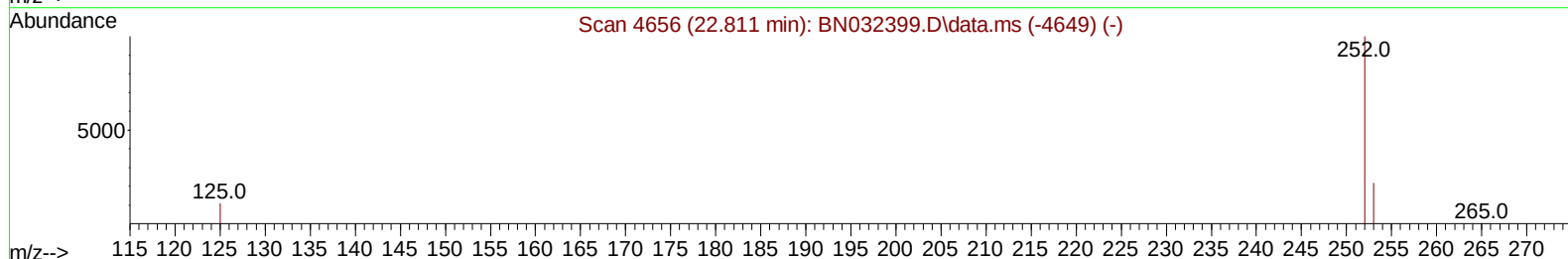
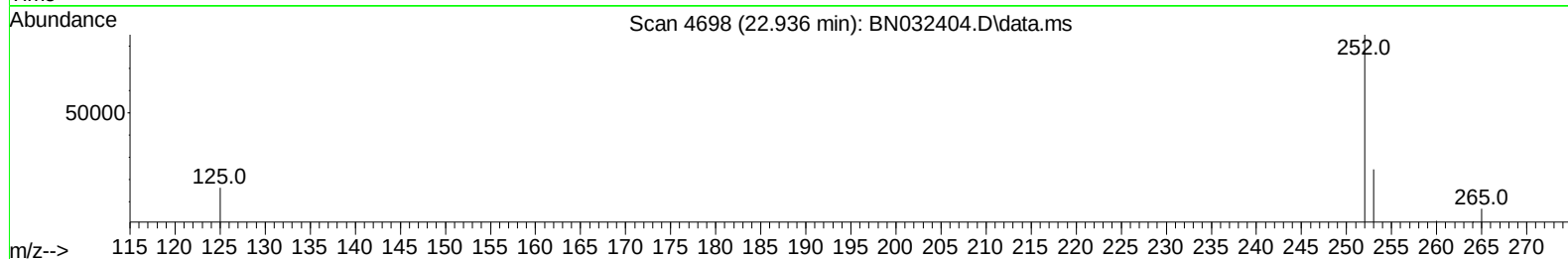
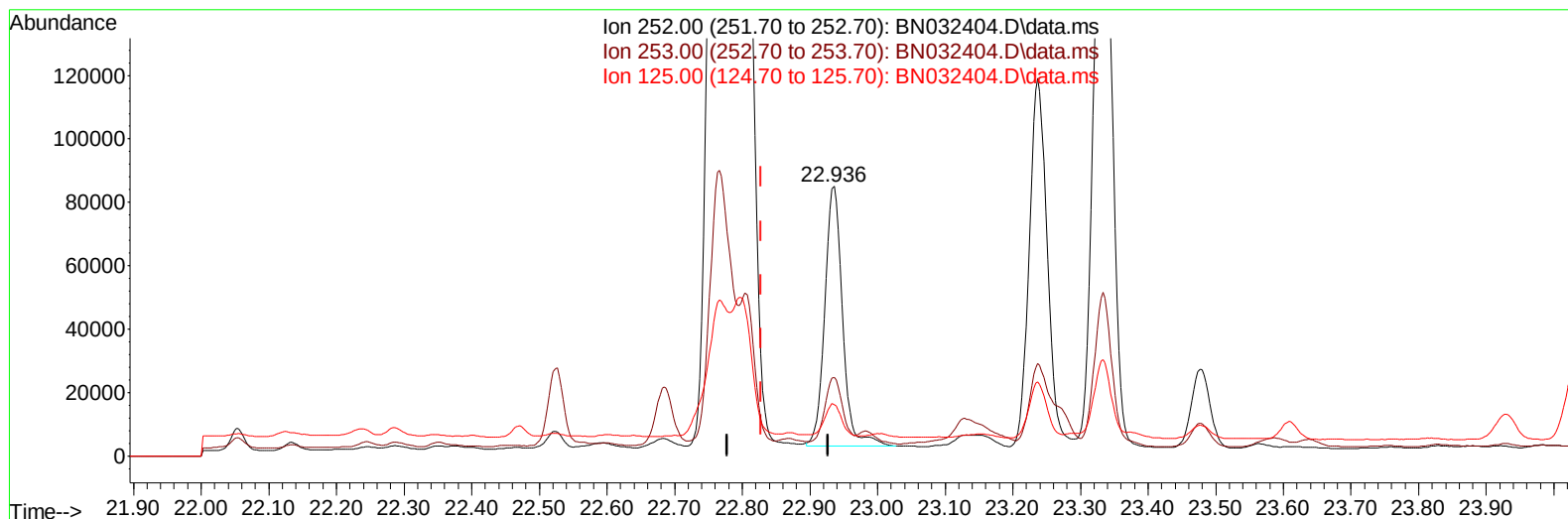
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(25) Benzo(k)fluoranthene

22.936min (+ 0.108) 1.47 ng/uI

response 149912

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.07
125.00	16.00	19.11
0.00	0.00	0.00

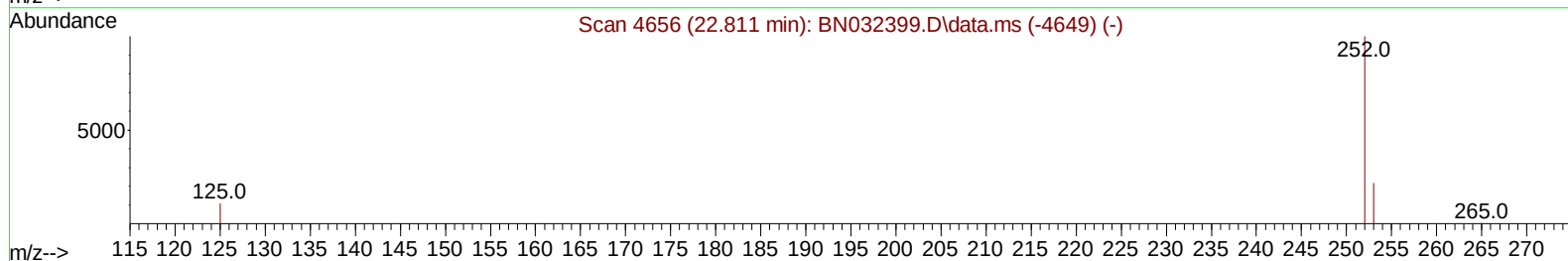
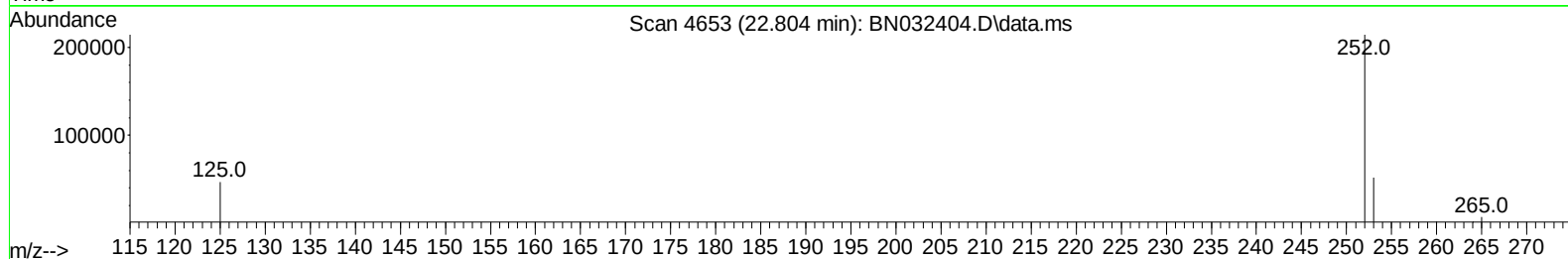
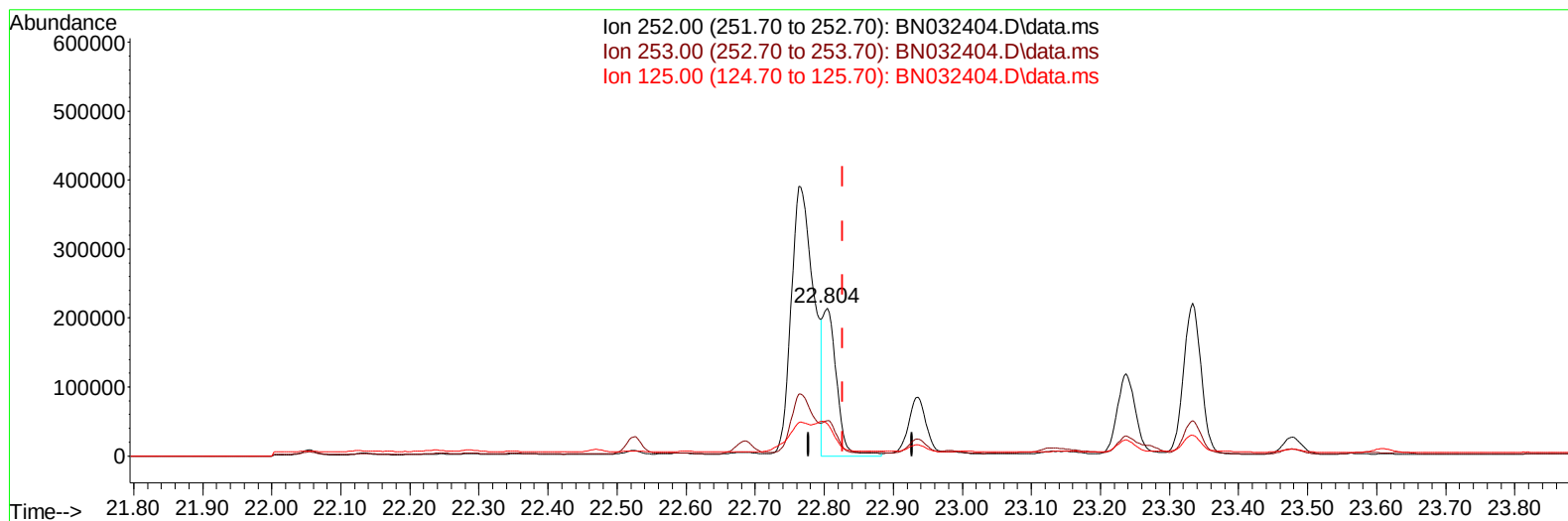
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 2.91 ng/ul m

response 297288

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.01
125.00	16.00	21.87#
0.00	0.00	0.00

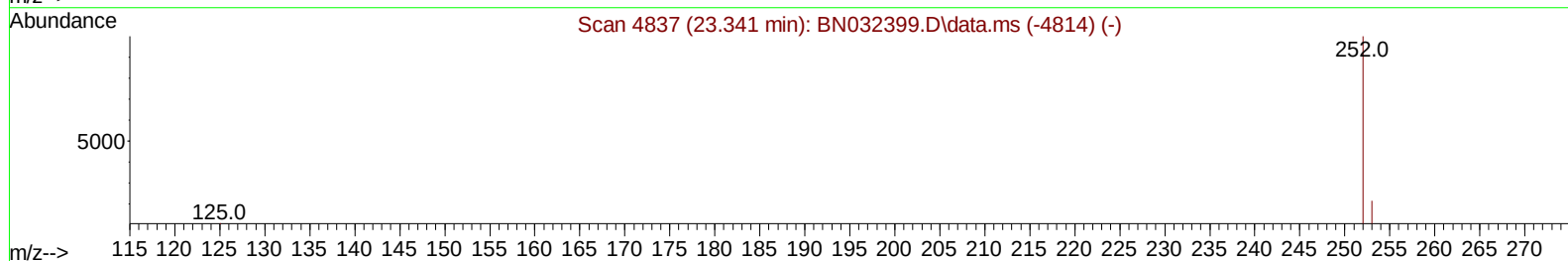
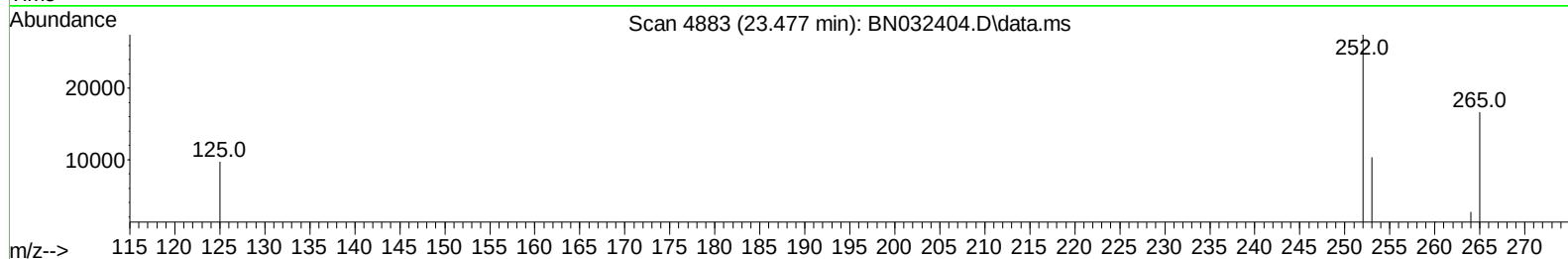
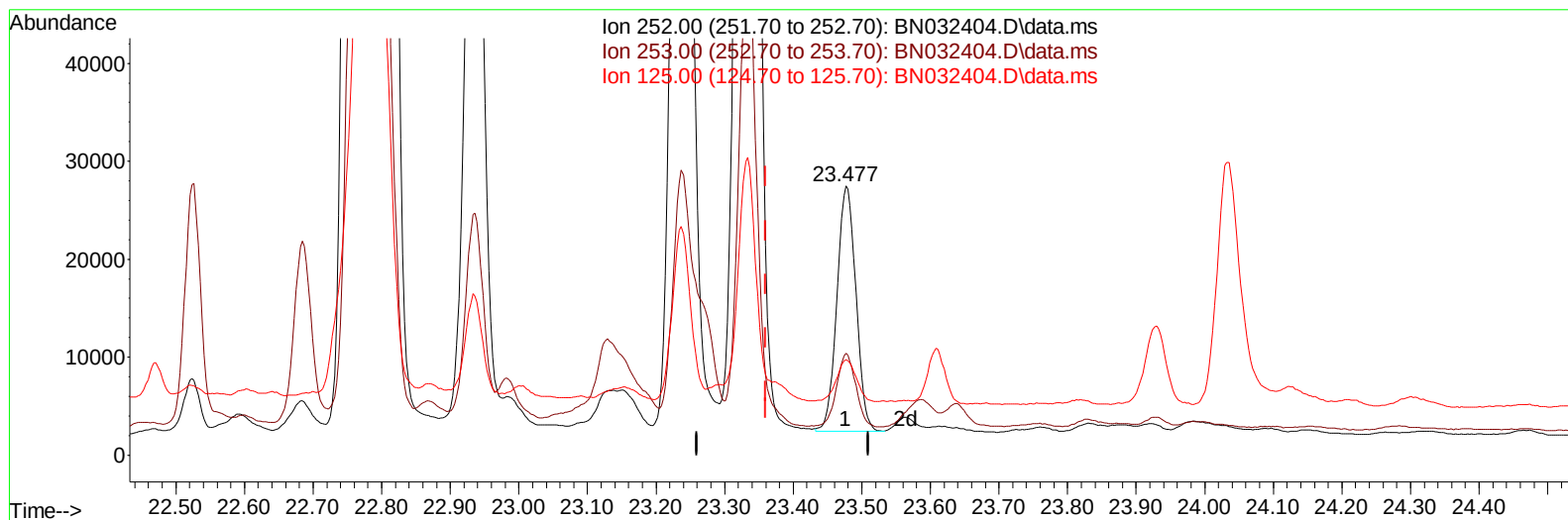
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(26) Benzo(a)pyrene (C)

23.477min (+ 0.117) 0.66 ng/u1

response 48037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	37.77#
125.00	20.50	35.41#
0.00	0.00	0.00

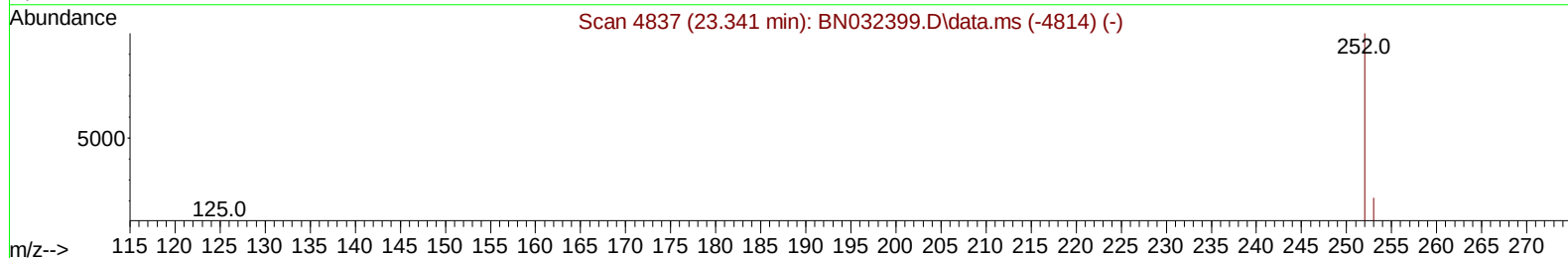
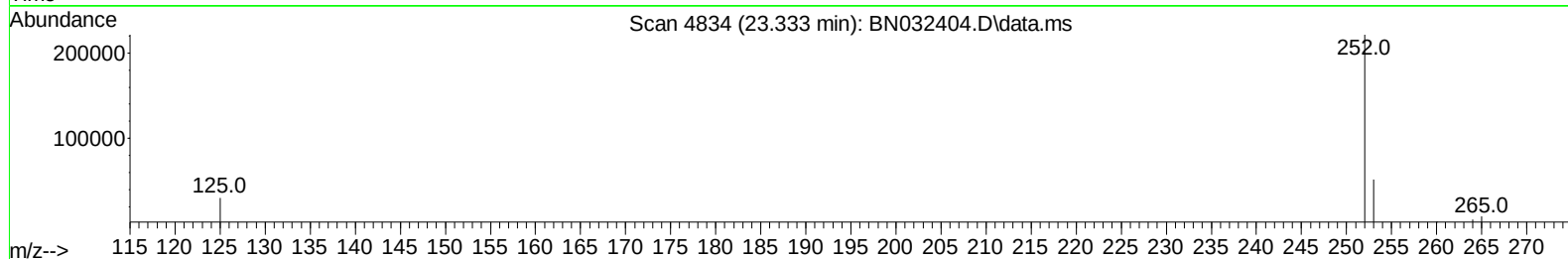
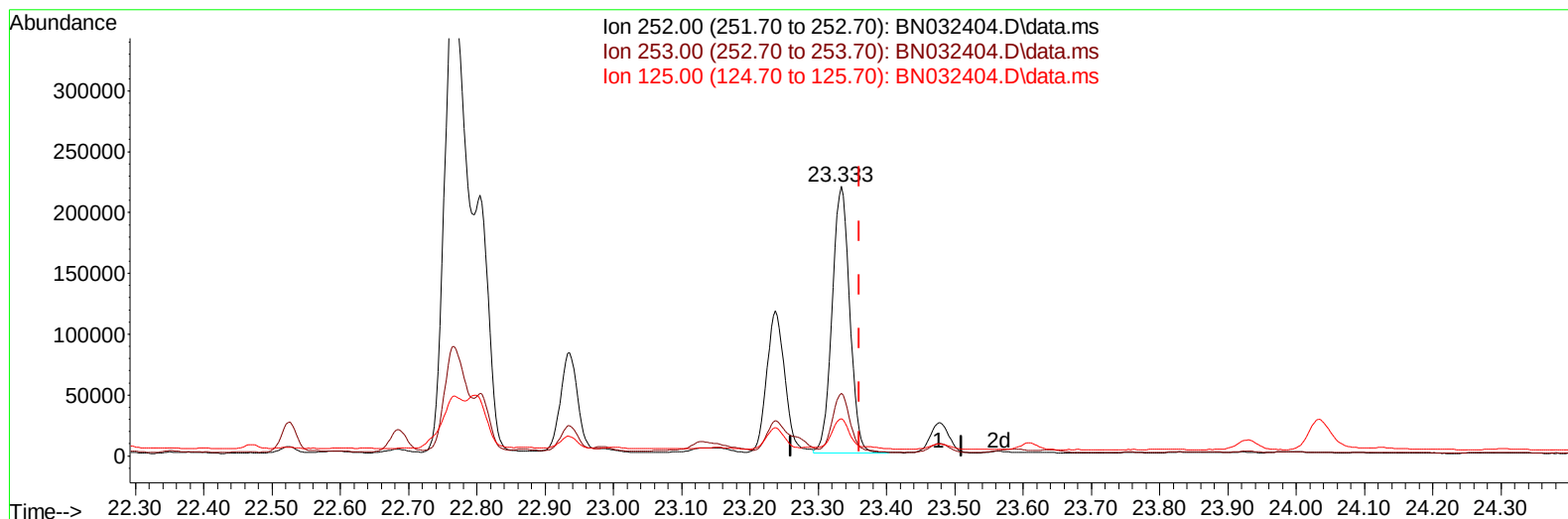
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (-0.026) 5.34 ng/ul m

response 391332

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.34
125.00	20.50	13.75#
0.00	0.00	0.00

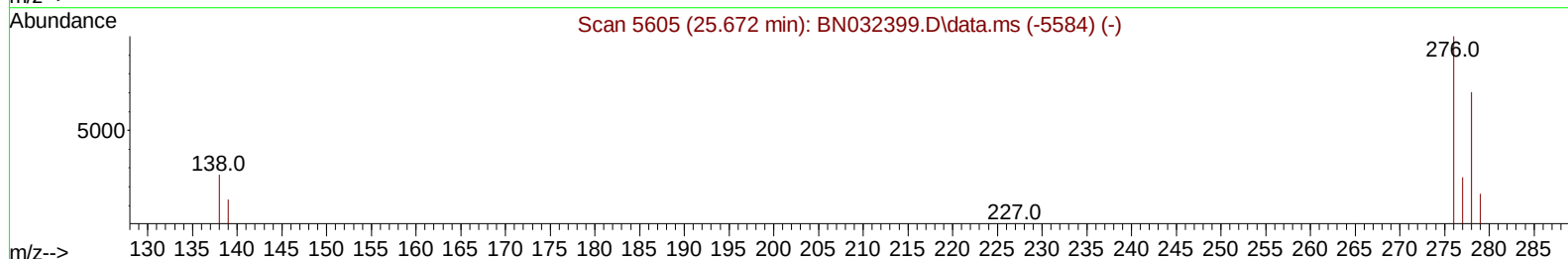
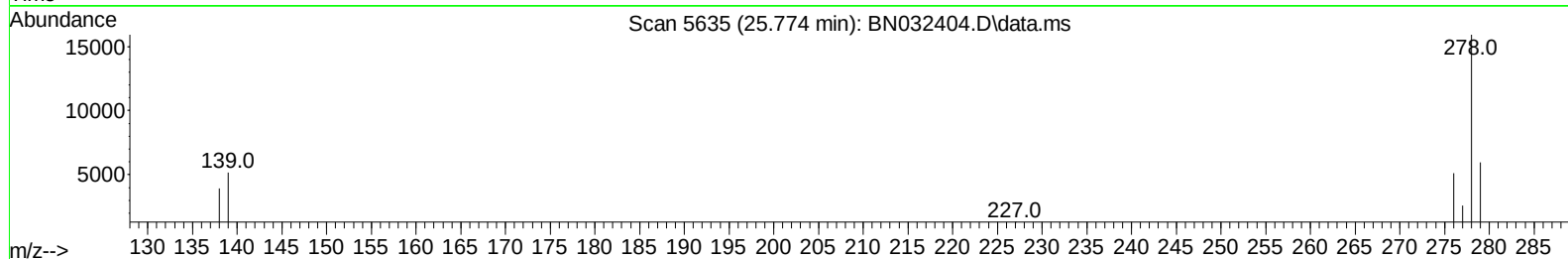
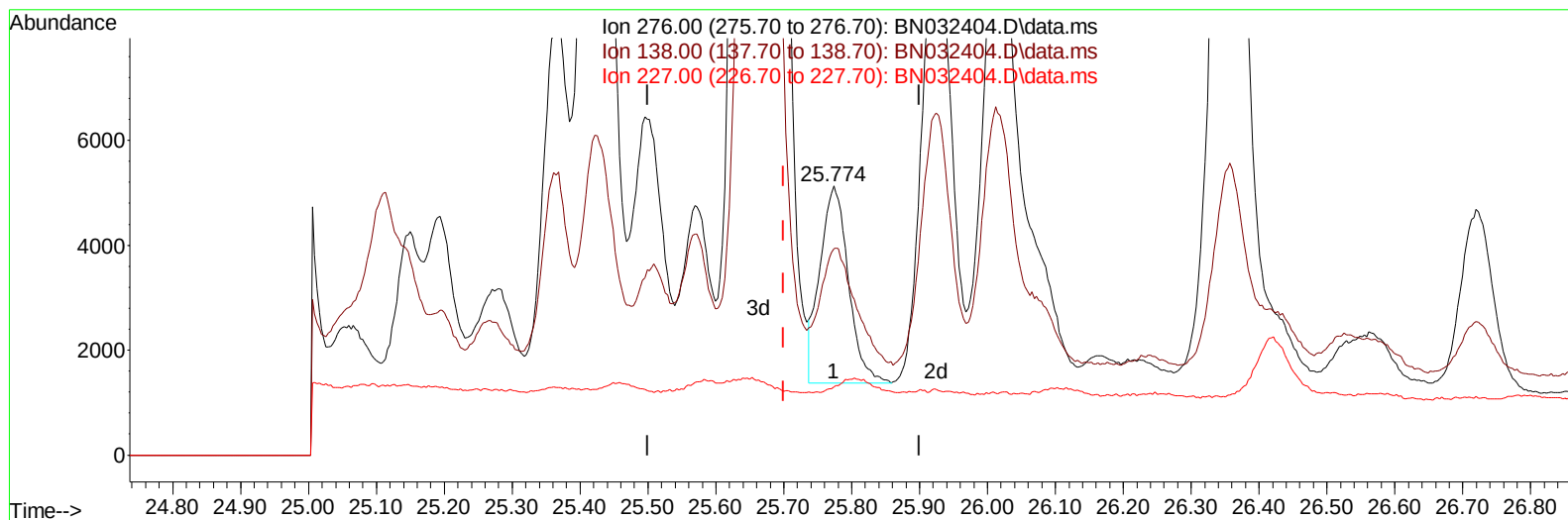
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

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

25.774min (+ 0.074) 0.10 ng/u1

response 10904

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	72.98#
227.00	0.10	0.00#
0.00	0.00	0.00

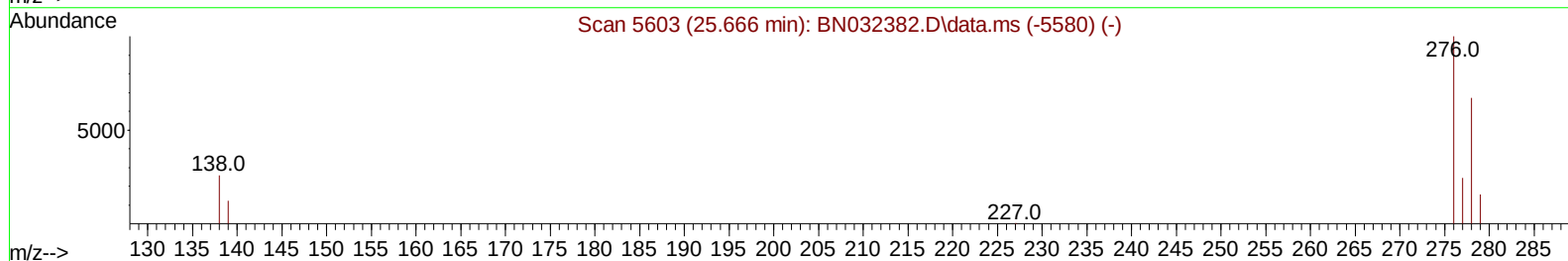
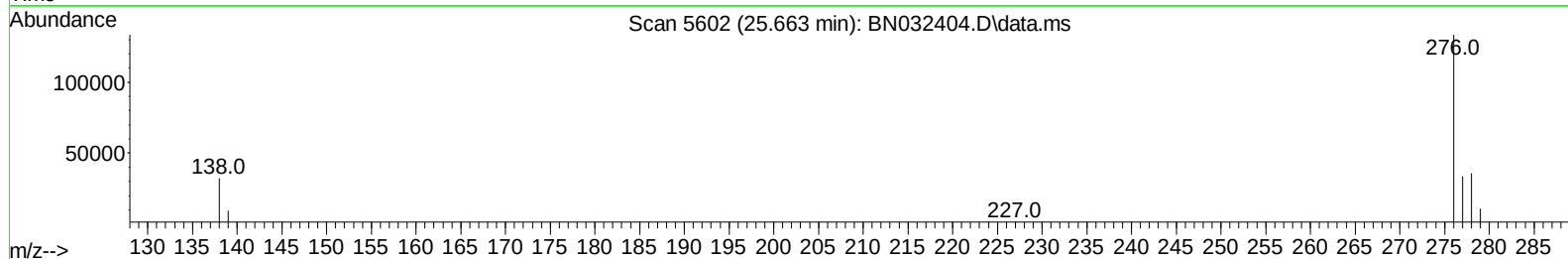
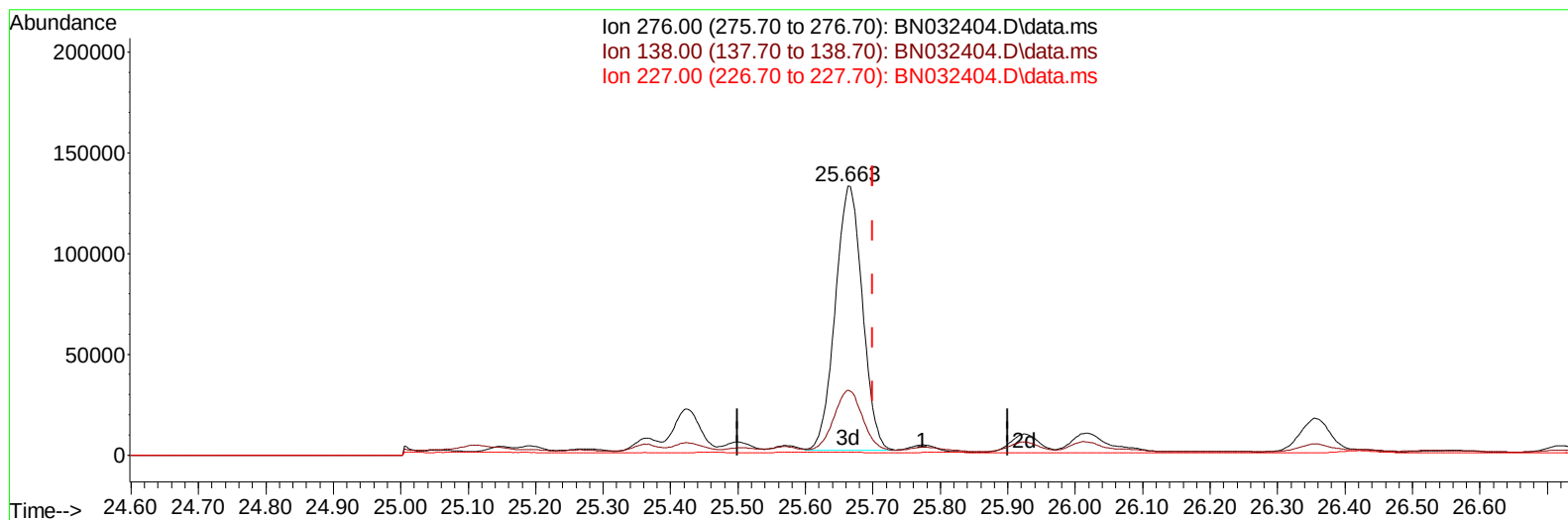
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:20 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: BN032404.D\data.ms

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

25.663min (-0.037) 3.19 ng/ul m

response 365865

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.18#
227.00	0.10	0.00#
0.00	0.00	0.00

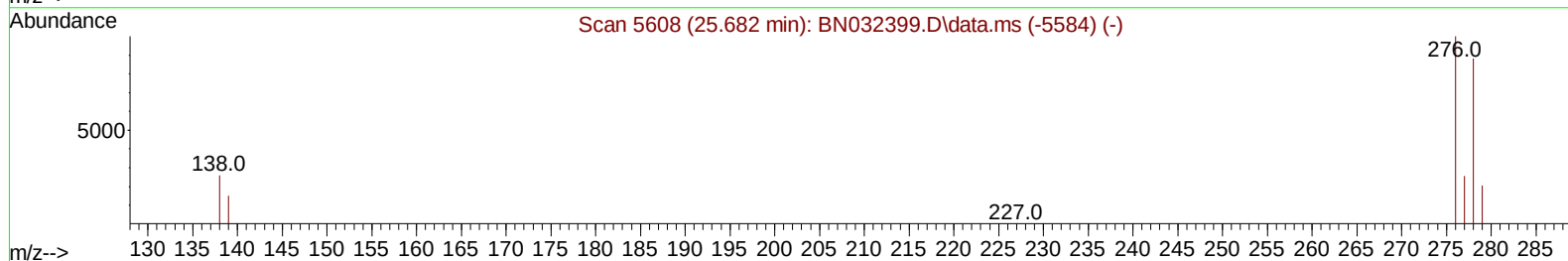
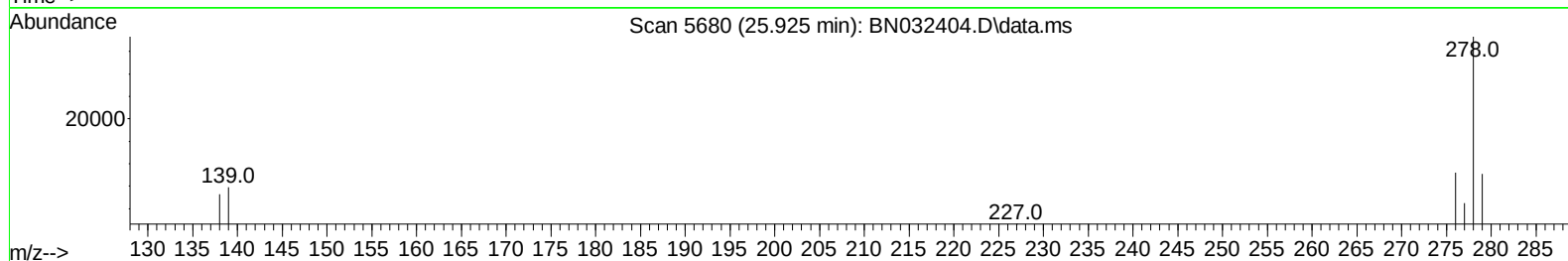
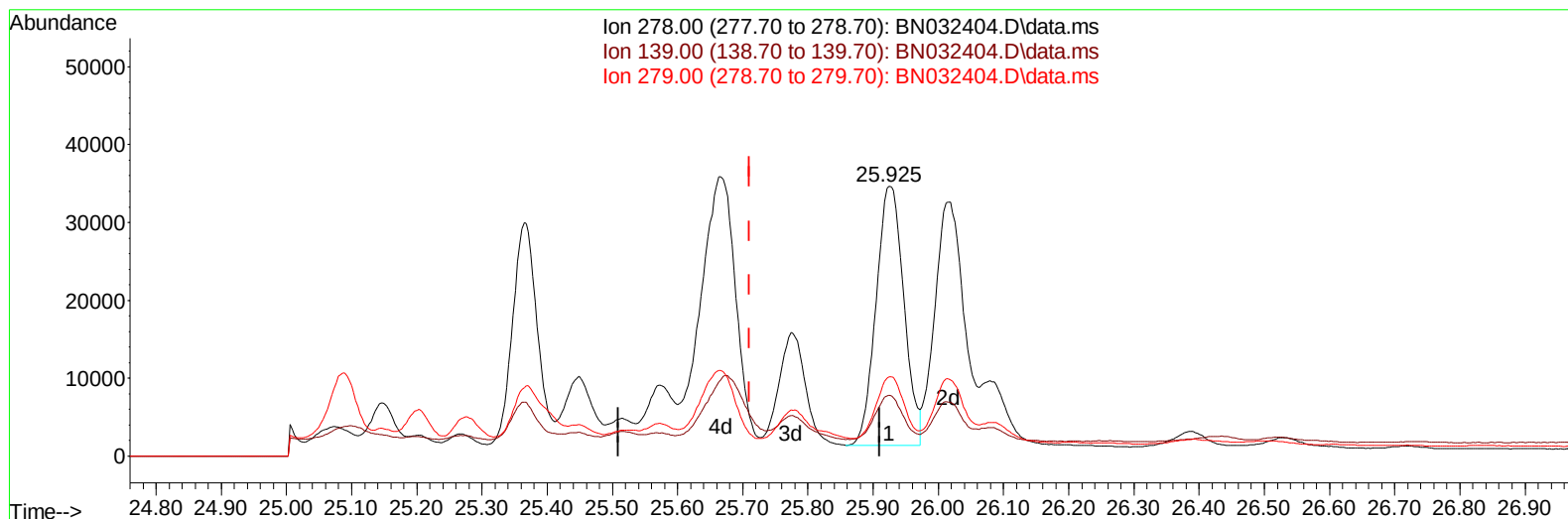
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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TIC: BN032404.D\data.ms

(28) Dibenzo(a,h)anthracene

25.925min (+ 0.215) 1.16 ng/u1

response 98755

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.60
279.00	26.40	29.44
0.00	0.00	0.00

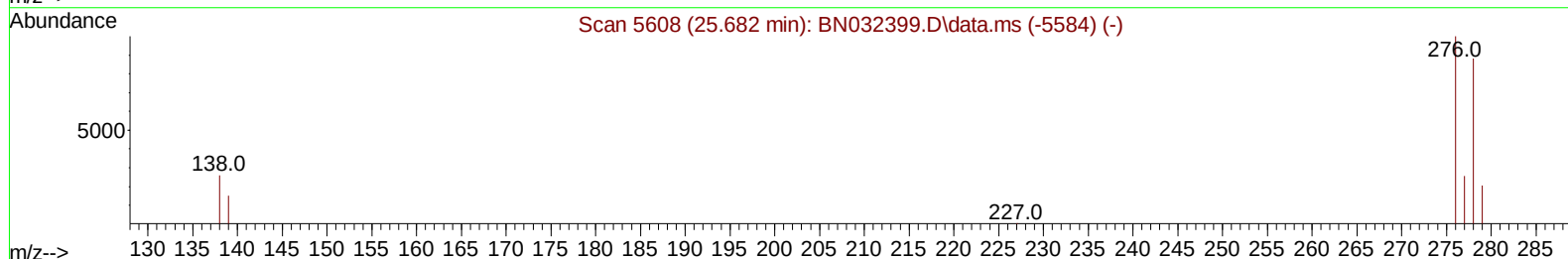
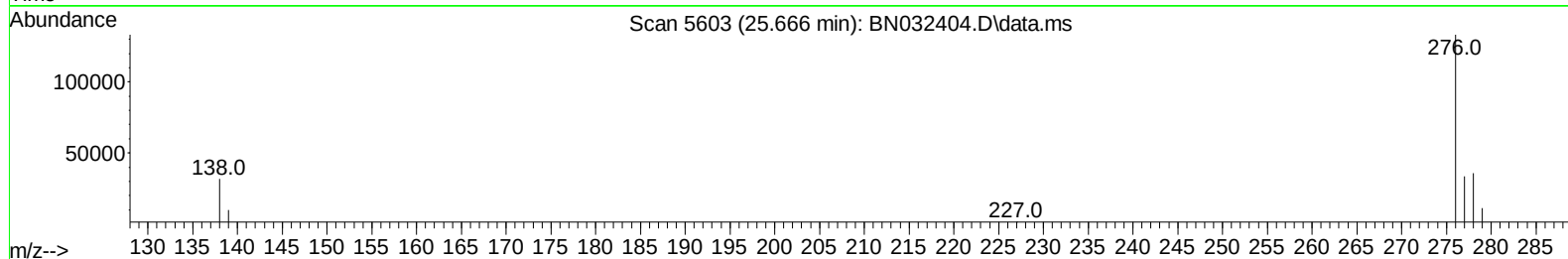
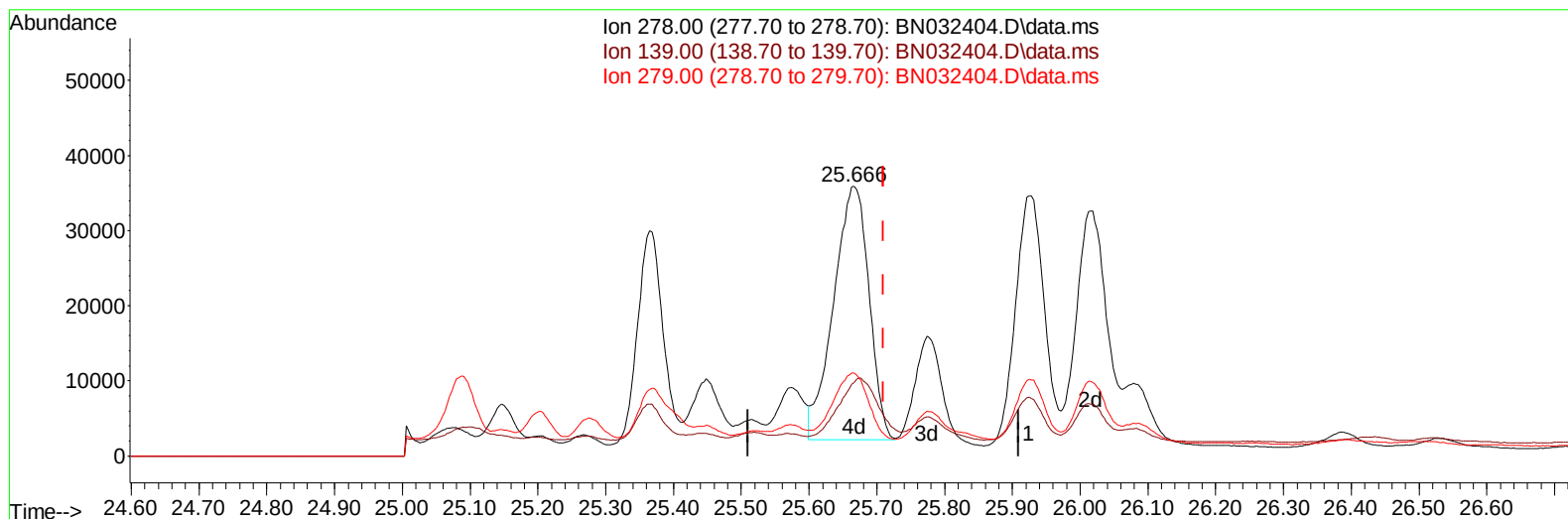
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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TIC: BN032404.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.044) 1.44 ng/ul m

response 122496

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	27.20#
279.00	26.40	30.73
0.00	0.00	0.00

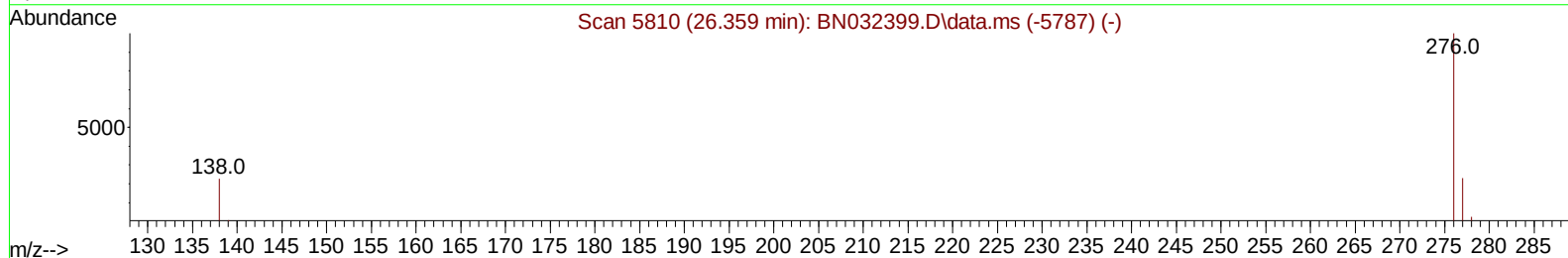
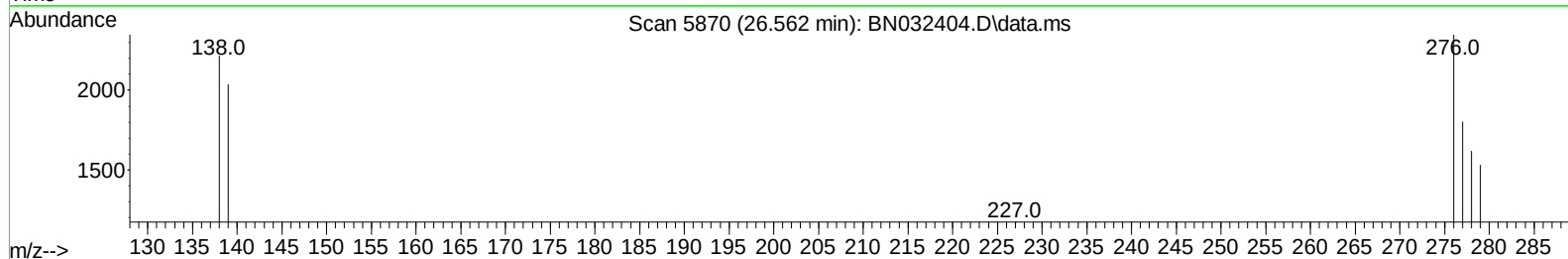
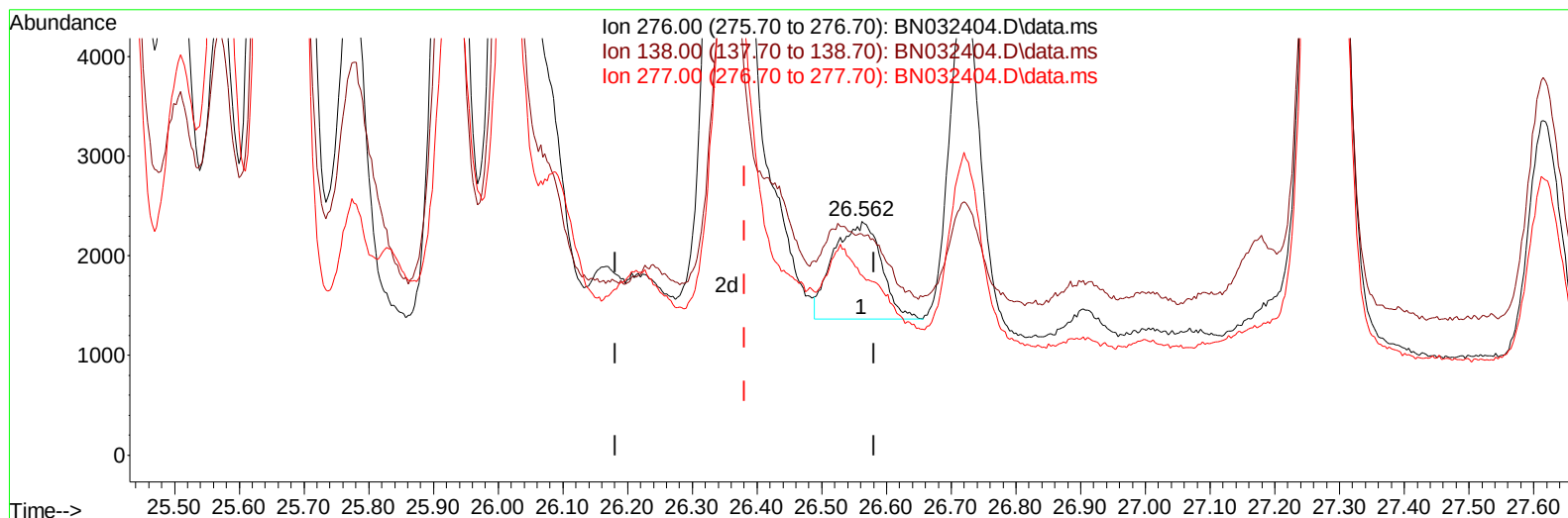
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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TIC: BN032404.D\data.ms

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

26.562min (+ 0.181) 0.05 ng/u1

response 5003

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	94.46#
277.00	24.70	76.75#
0.00	0.00	0.00

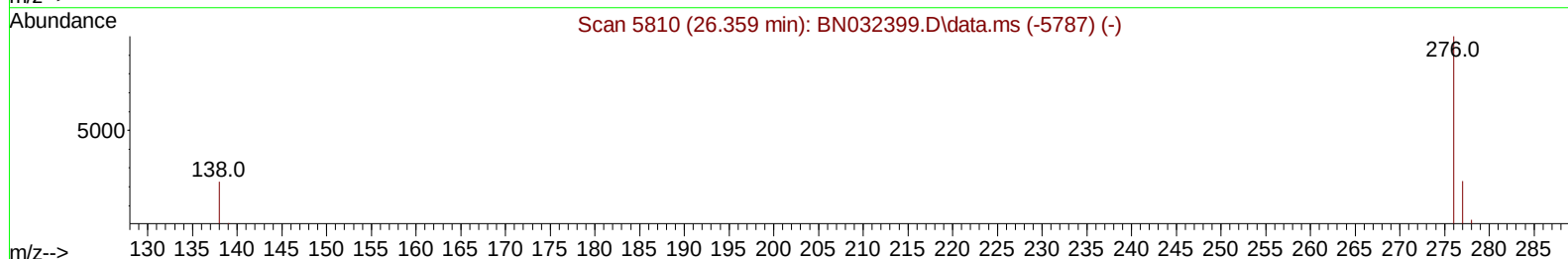
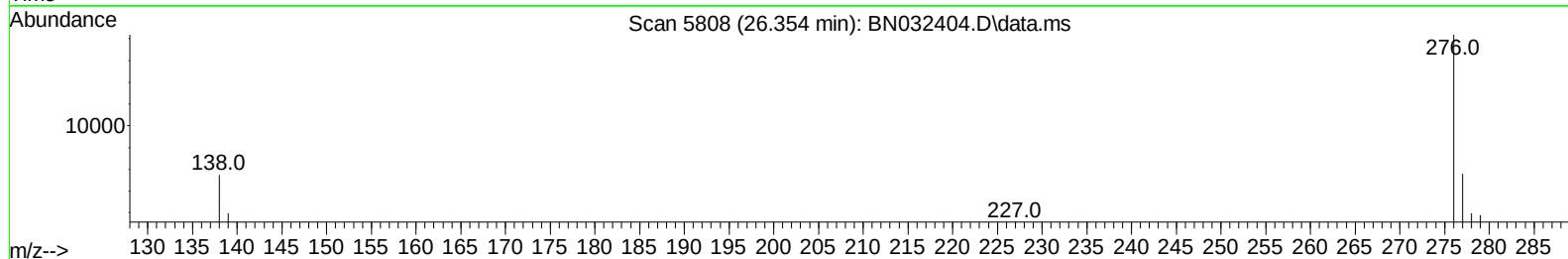
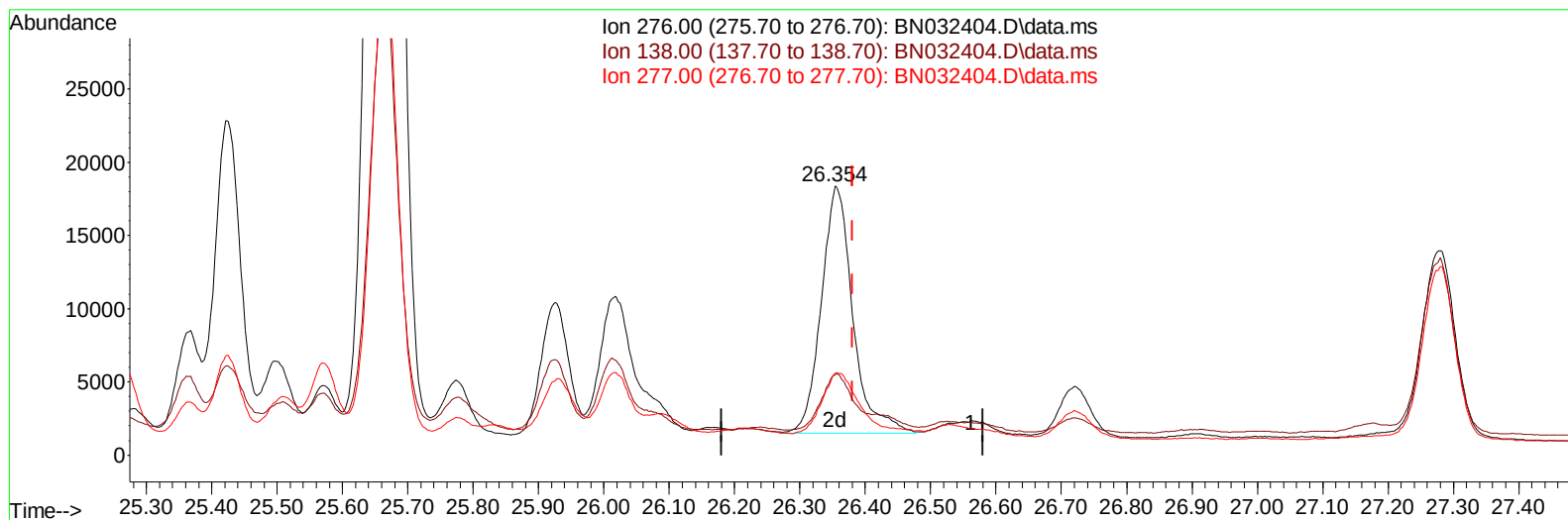
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C57

Manual IntegrationsAPPROVED

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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: BN032404.D\data.ms

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

26.354min (-0.027) 0.62 ng/ul m

response 56436

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	29.77#
277.00	24.70	30.51#
0.00	0.00	0.00

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 Acq On : 02 Jul 2024 17:11
 Operator : MA/JU
 Sample : P2871-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C57

Manual IntegrationsAPPROVED

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

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8967	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	28827	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17720	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	32803m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	18371m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	24239m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	26587	2.667	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	9499	0.220	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	16533m	0.299	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.431	128	55297	0.725	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	24841	0.491	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	18420	0.351	ng/ul	98
10) Acenaphthylene	13.971	152	96649	1.311	ng/ul	99
11) Acenaphthene	14.313	153	45044	0.788	ng/ul	98
12) Fluorene	15.308	166	53237	0.781	ng/ul	98
15) Phenanthrene	17.046	178	981076m	10.909	ng/ul	
16) Anthracene	17.139	178	219698m	2.739	ng/ul	
19) Fluoranthene	19.073	202	1454274m	20.789	ng/ul	
20) Pyrene	19.440	202	1139586m	15.588	ng/ul	
21) Benzo(a)anthracene	21.194	228	633180m	9.549	ng/ul	
22) Chrysene	21.250	228	671209m	9.223	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	895665m	8.505	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	297288m	2.906	ng/ul	
26) Benzo(a)pyrene	23.333	252	391332m	5.341	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	365865m	3.189	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	122496m	1.437	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	56436m	0.618	ng/ul	

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

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Manual IntegrationsAPPROVED

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