

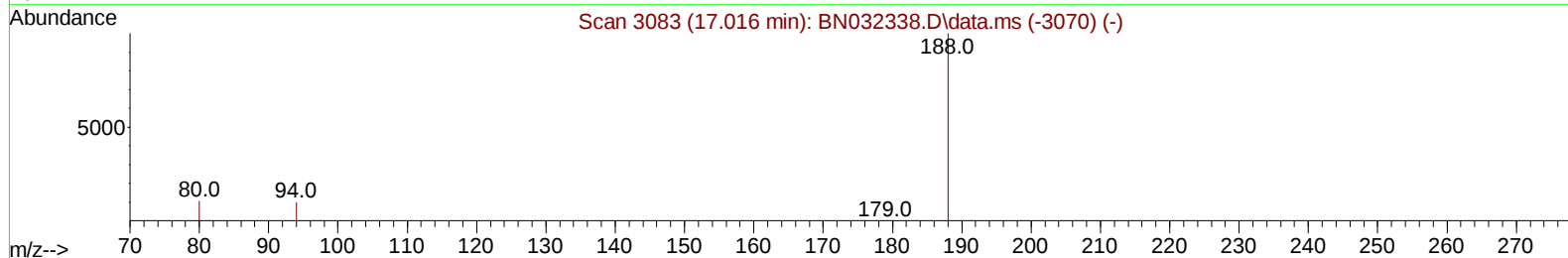
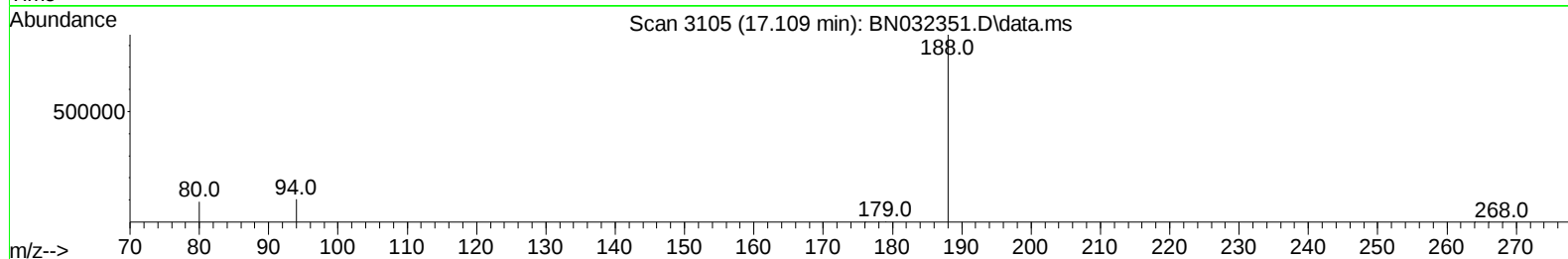
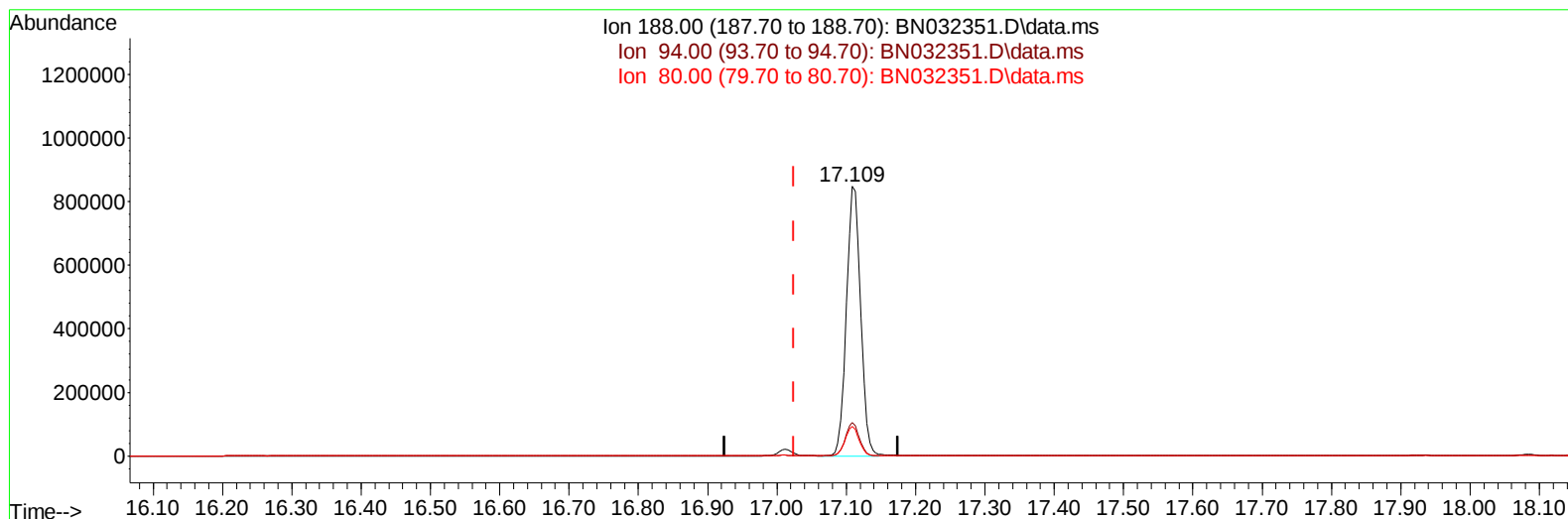
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1215265

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.32#
80.00	10.50	10.96
0.00	0.00	0.00

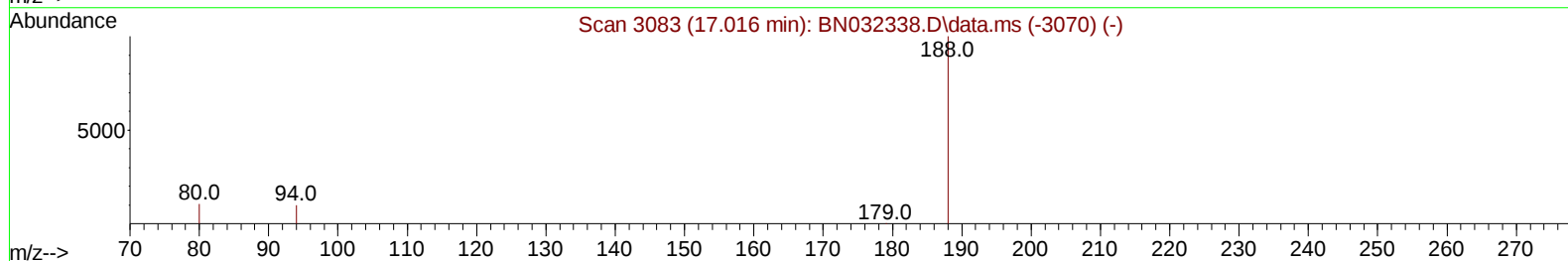
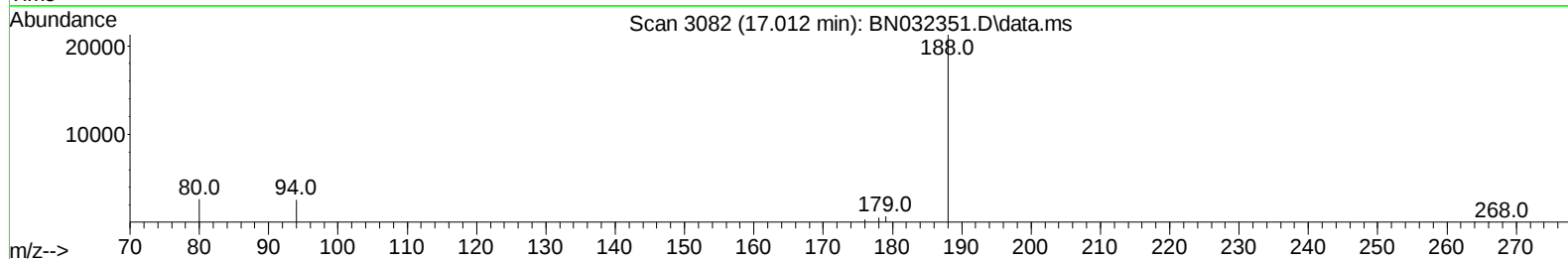
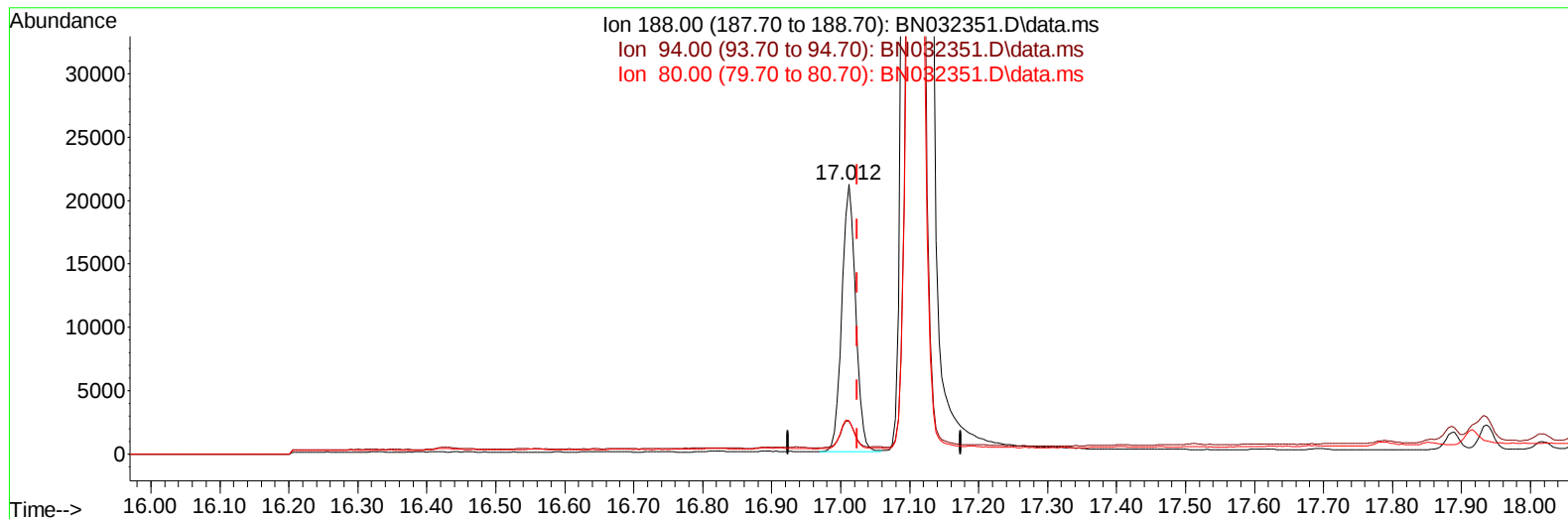
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 29195

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.24
80.00	10.50	12.38
0.00	0.00	0.00

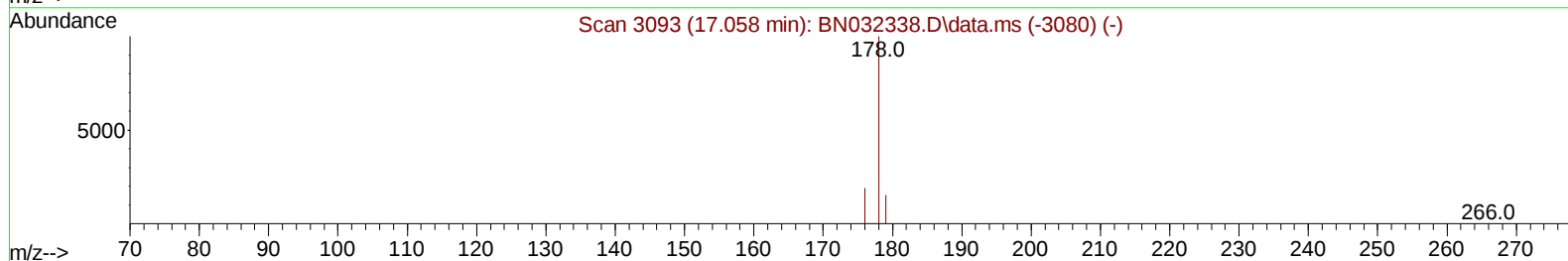
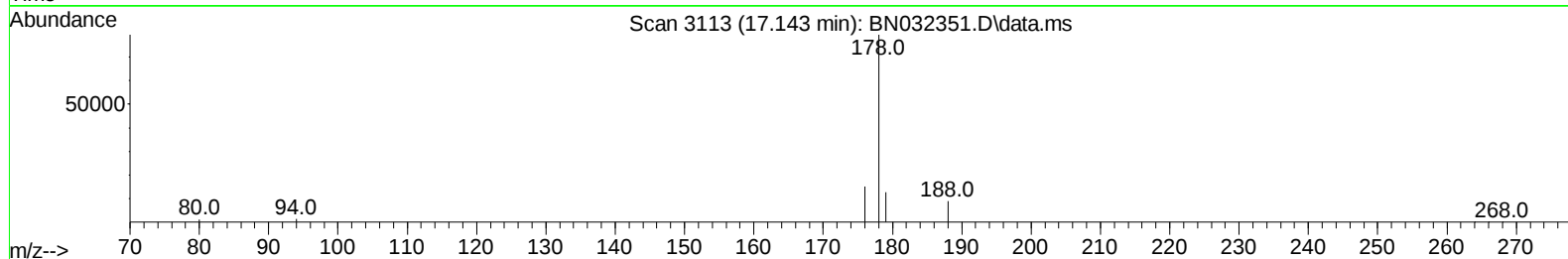
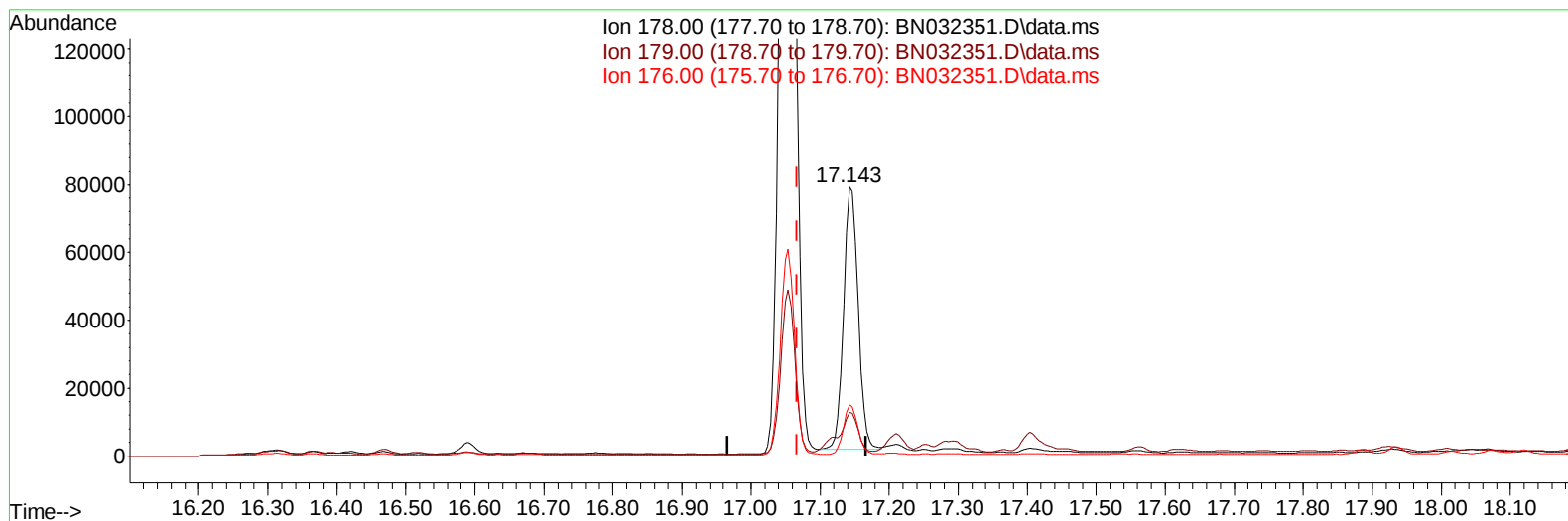
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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: BN032351.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 1.40 ng/u1

response 112244

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.18
176.00	19.50	18.94
0.00	0.00	0.00

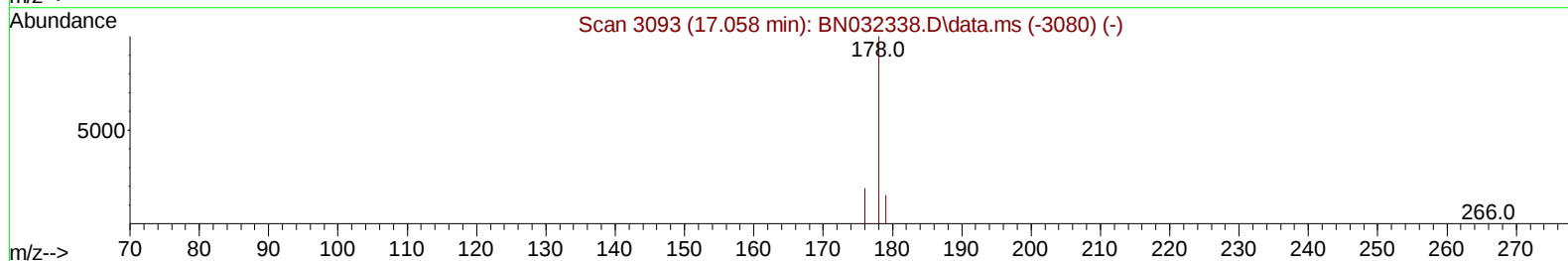
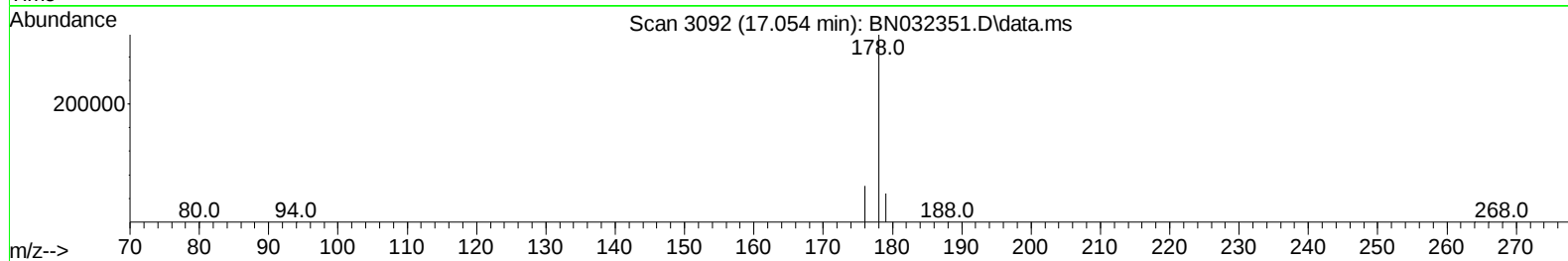
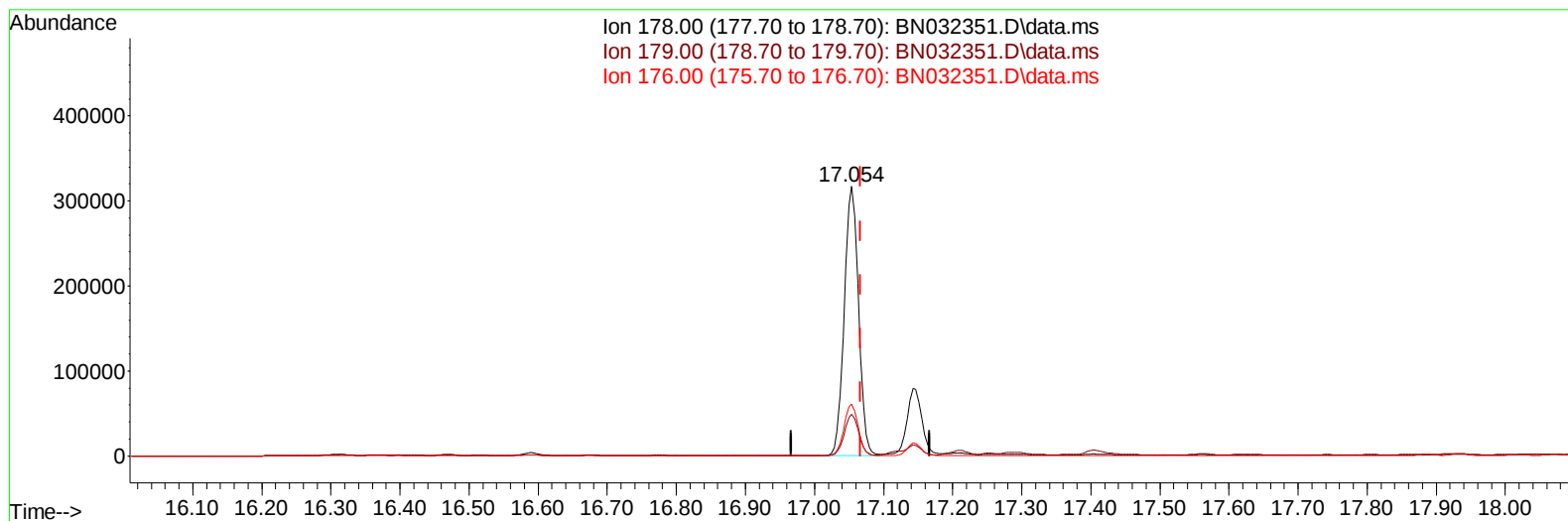
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 5.67 ng/u1 m

response 454121

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.44
176.00	19.50	19.22
0.00	0.00	0.00

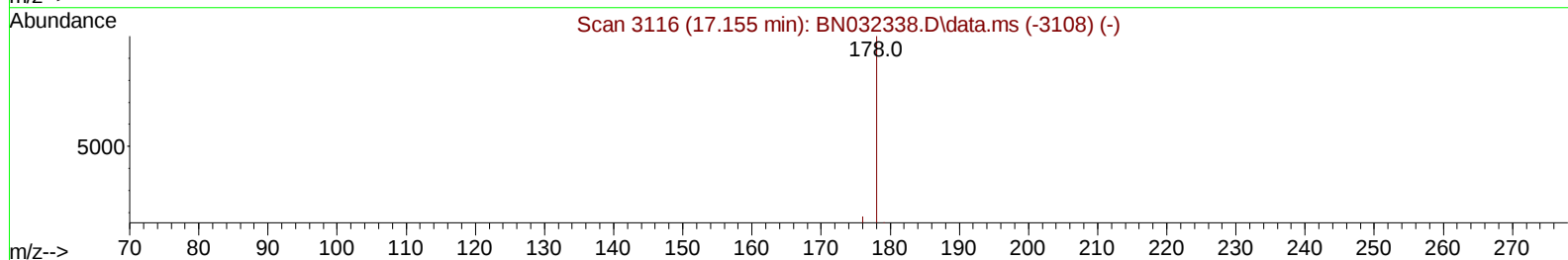
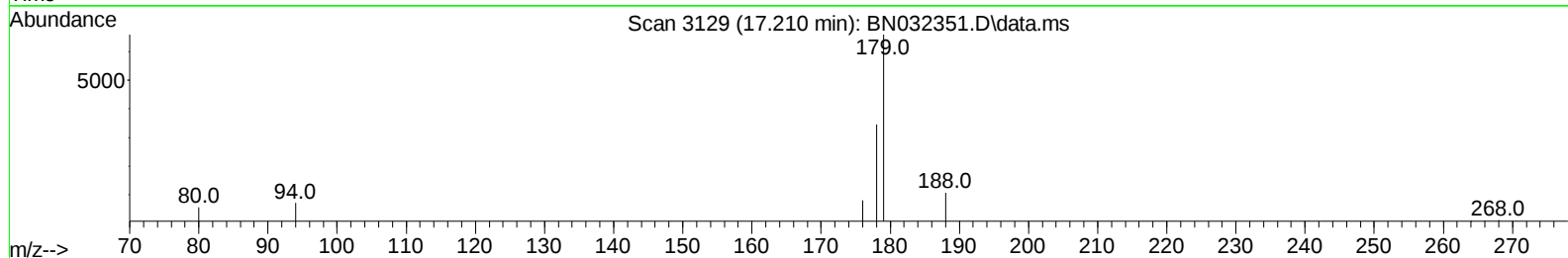
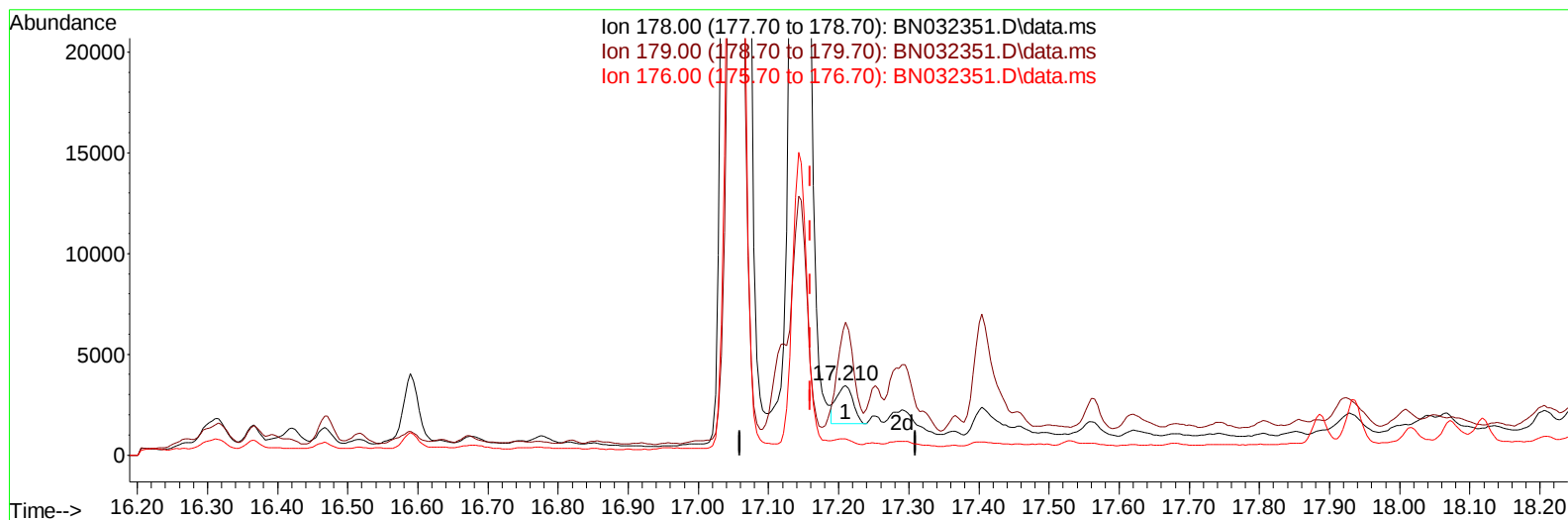
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 2024
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TIC: BN032351.D\data.ms

(16) Anthracene

17.210min (+ 0.050) 0.04 ng/u1

response 3066

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	190.21#
176.00	18.80	23.39#
0.00	0.00	0.00

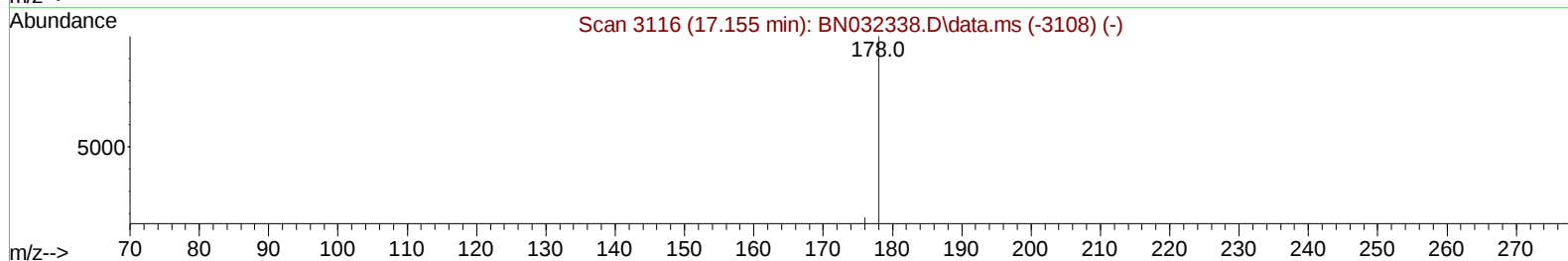
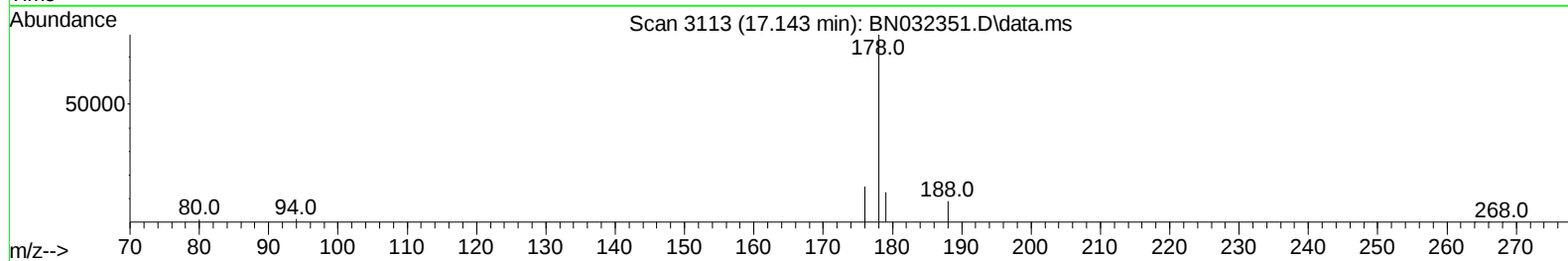
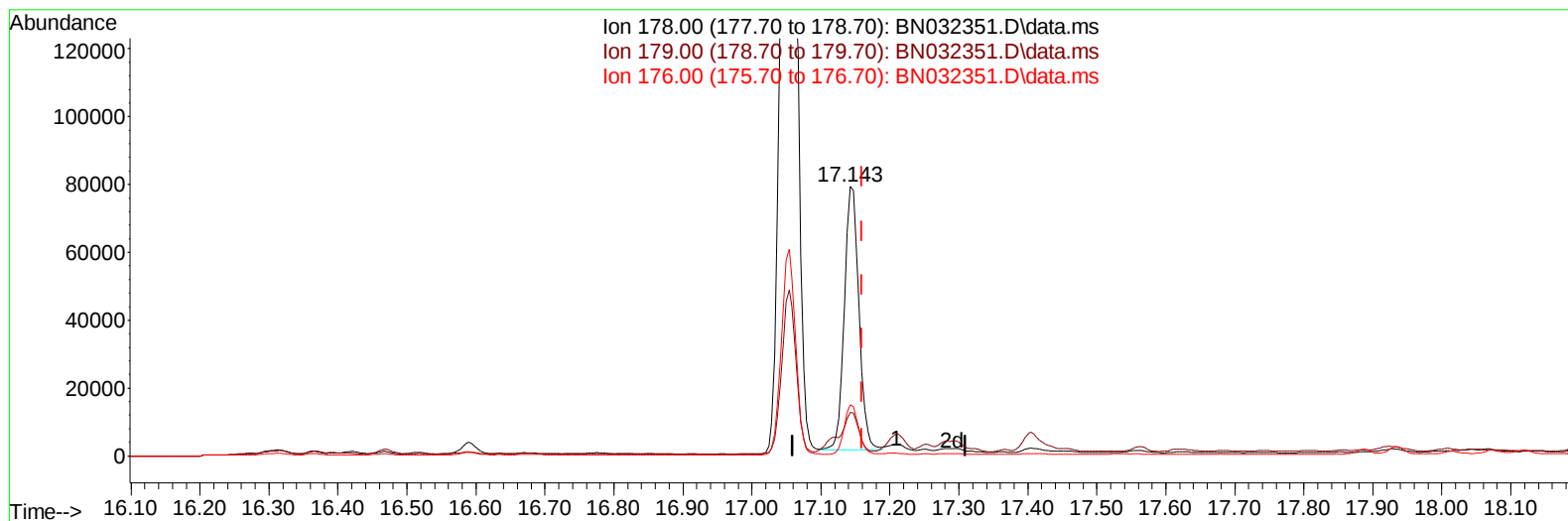
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(16) Anthracene

17.143min (-0.017) 1.58 ng/u1 m

response 113090

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.18
176.00	18.80	18.94
0.00	0.00	0.00

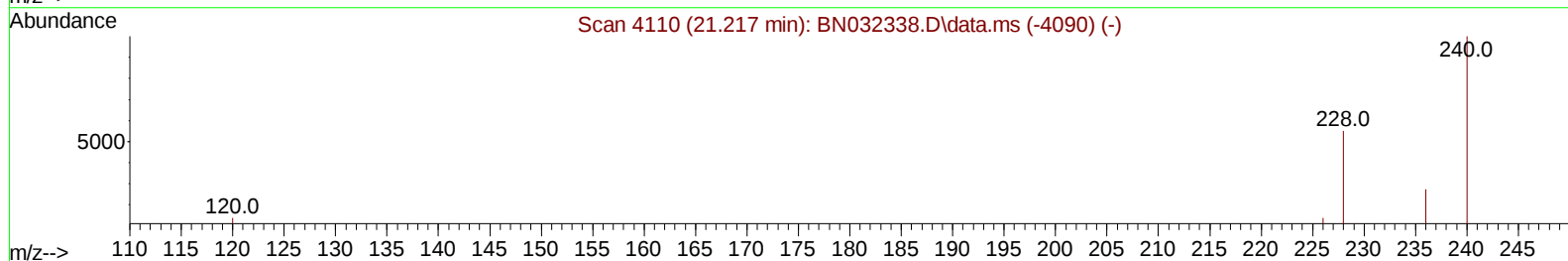
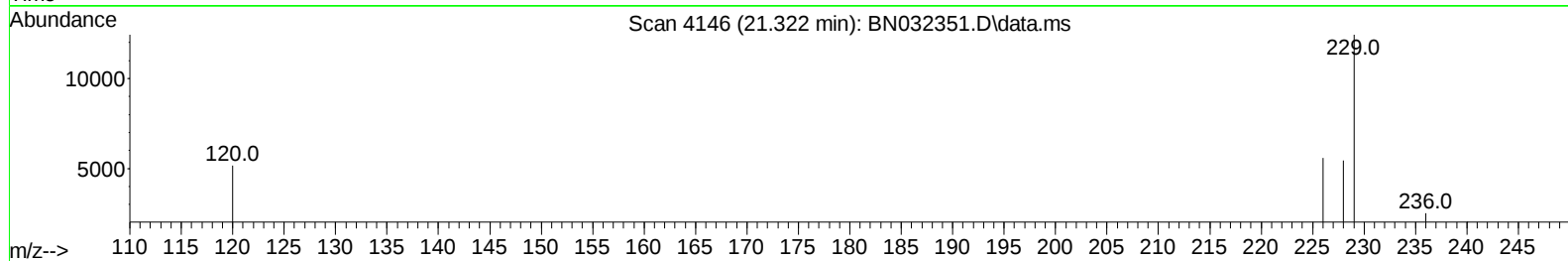
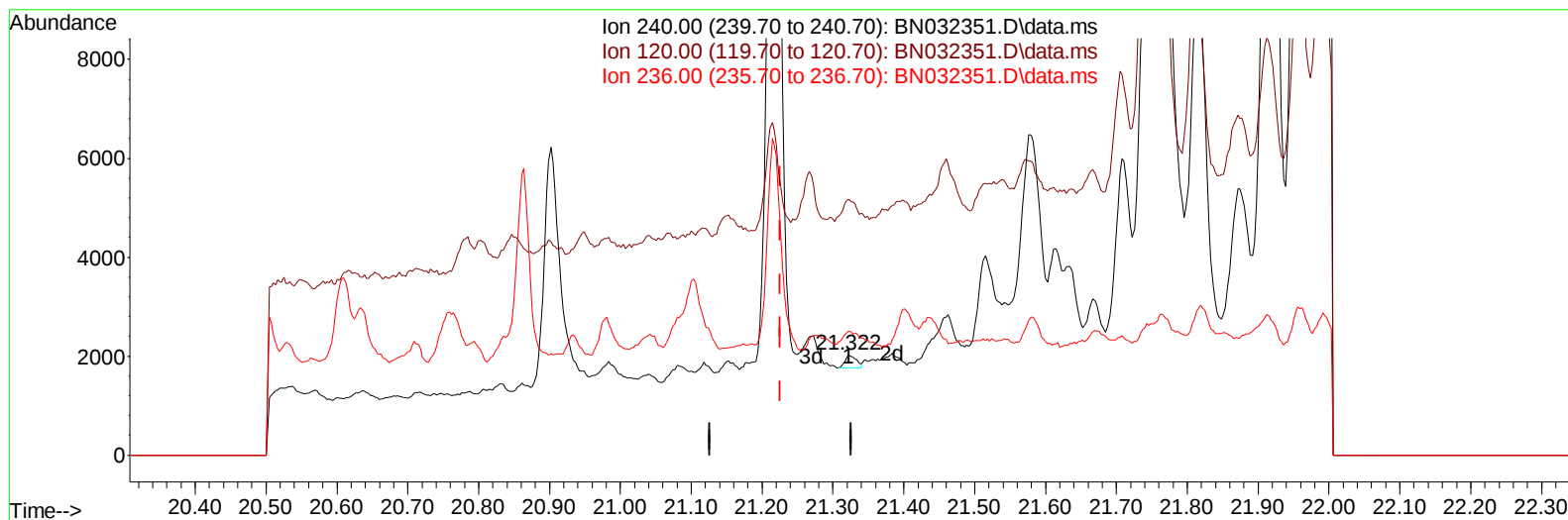
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
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TIC: BN032351.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.096) 0.40 ng/u1

response 294

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	256.13#
236.00	28.40	124.23#
0.00	0.00	0.00

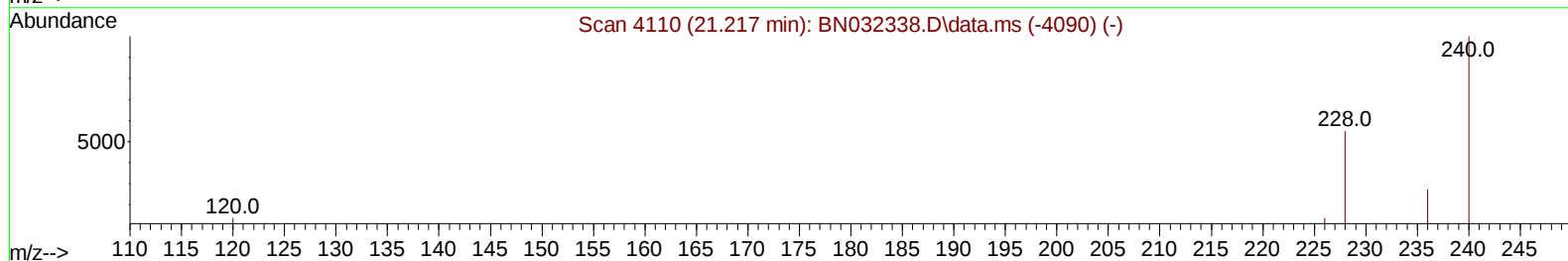
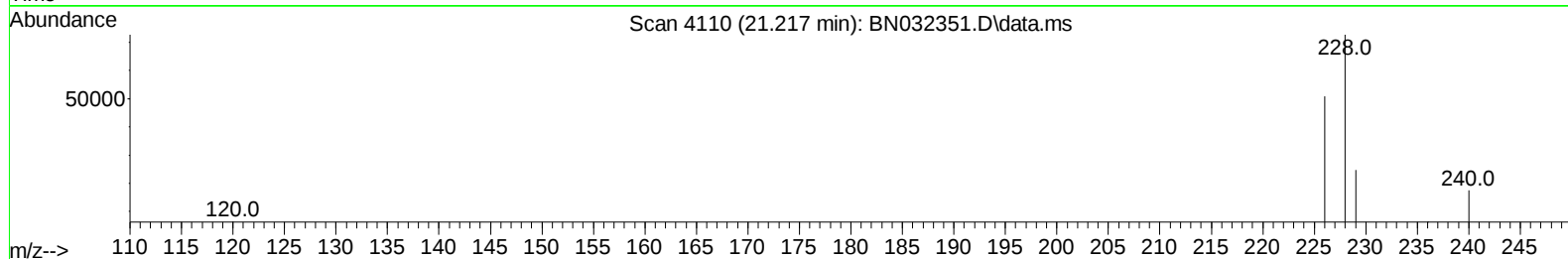
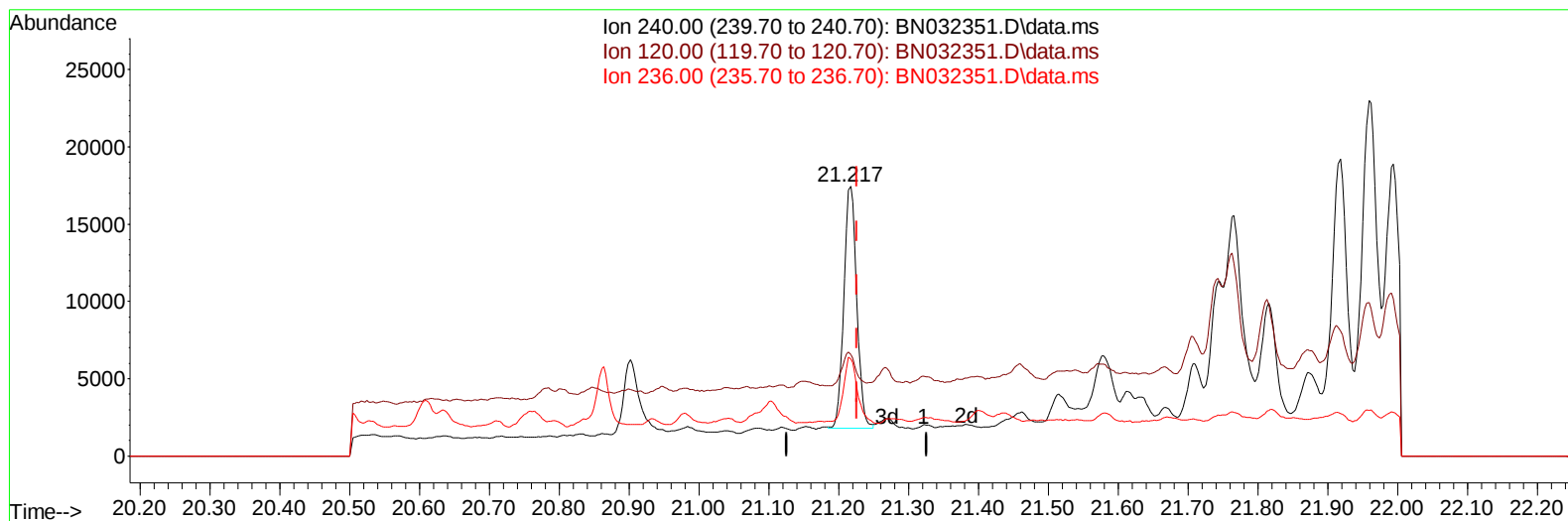
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 19958

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	37.61#
236.00	28.40	35.93#
0.00	0.00	0.00

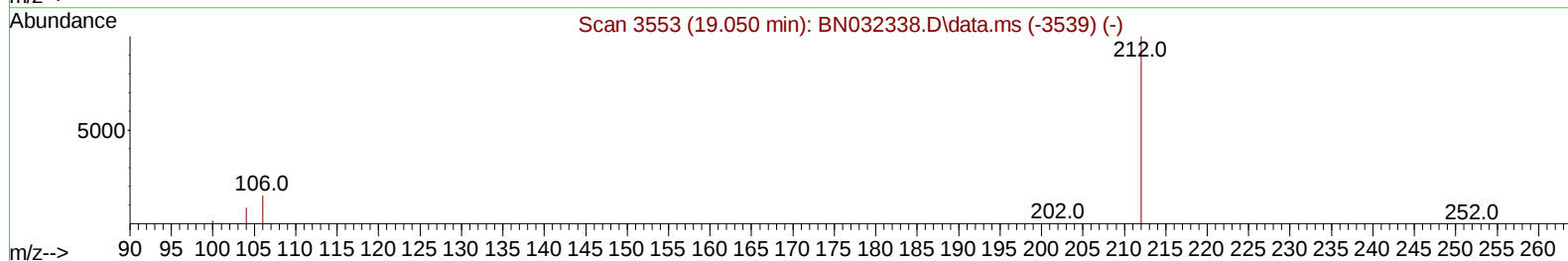
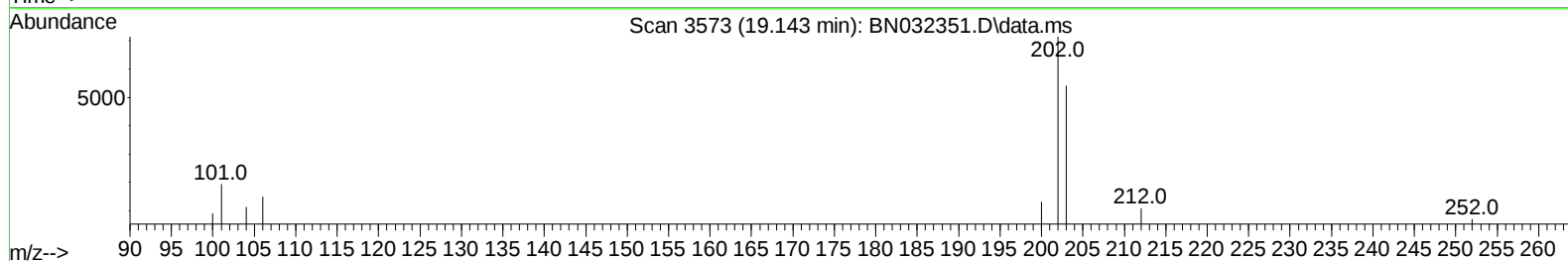
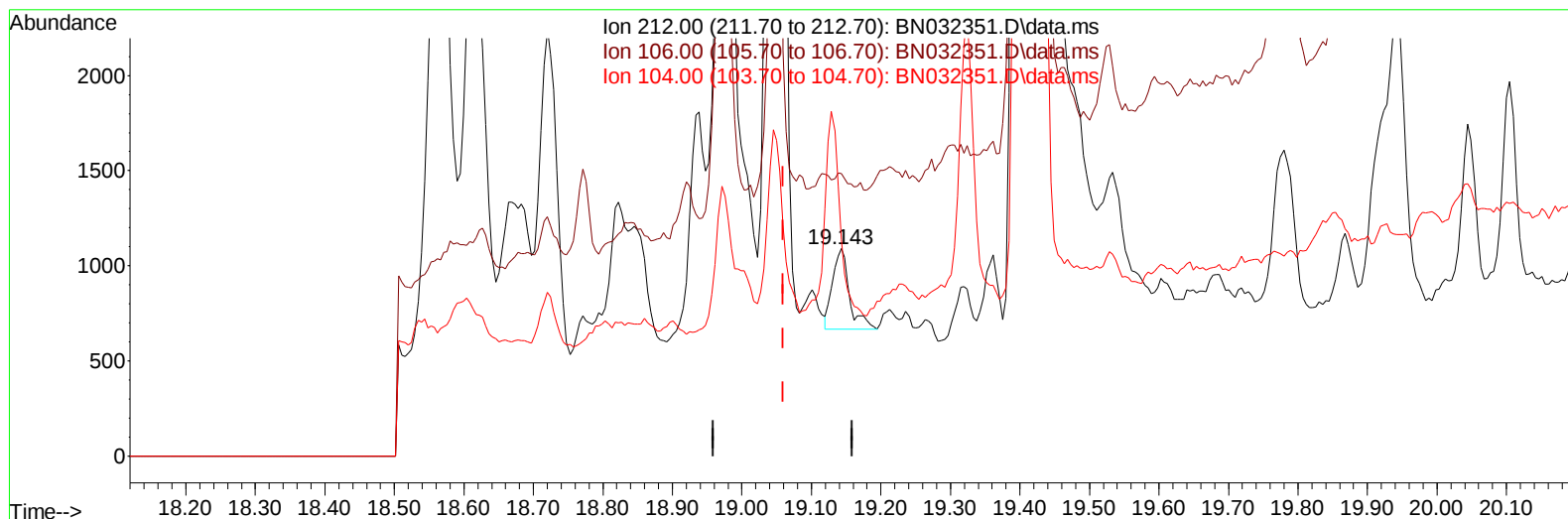
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 2024
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TIC: BN032351.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.143min (+ 0.083) 0.01 ng/u1

response 703

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	17.64
104.00	8.40	228.45#
0.00	0.00	0.00

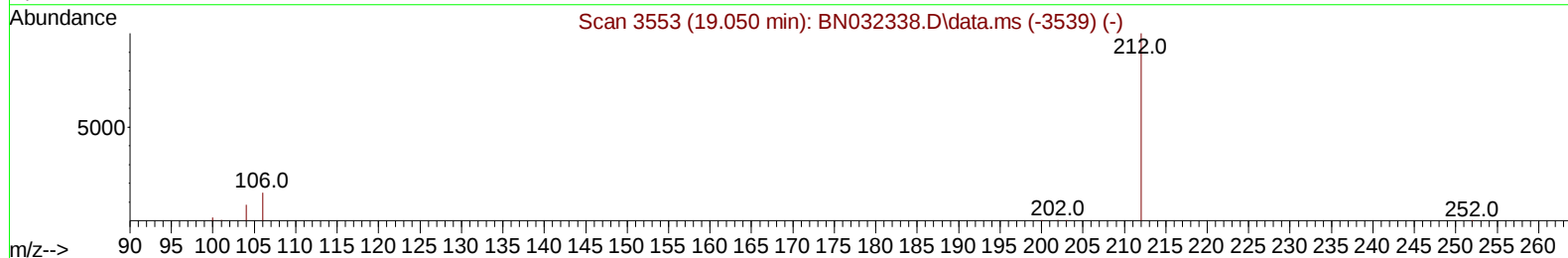
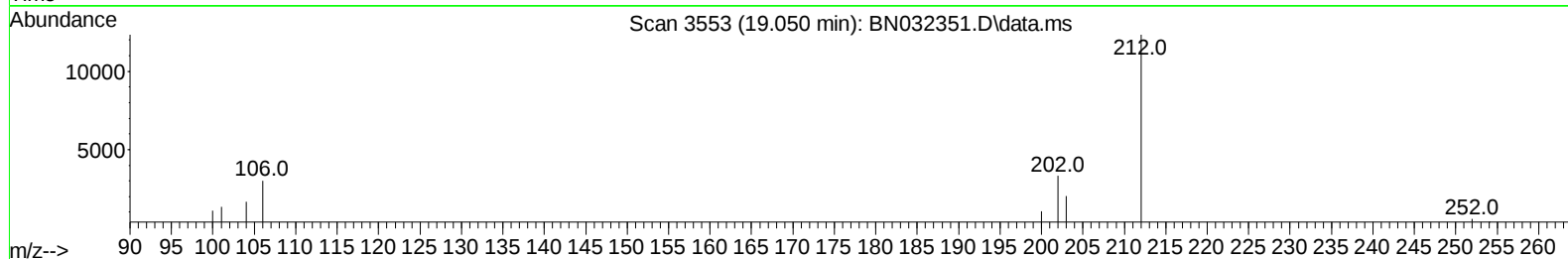
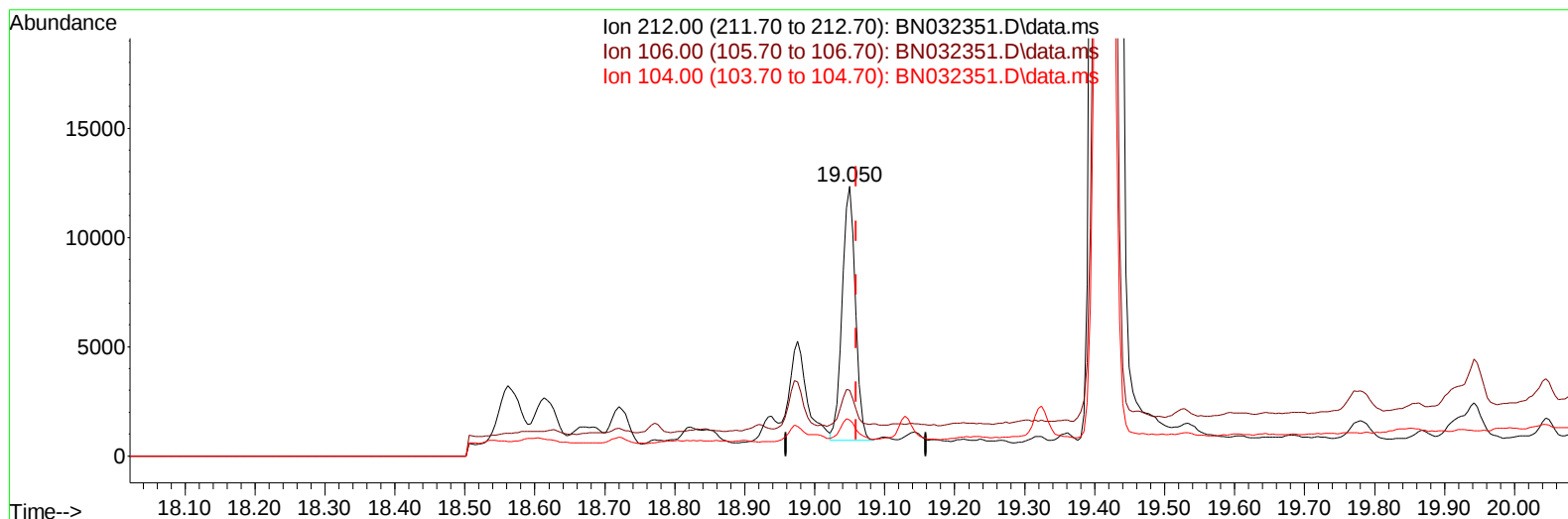
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Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032351.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.009) 0.26 ng/ul m

response 15414

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.80#
104.00	8.40	10.42#
0.00	0.00	0.00

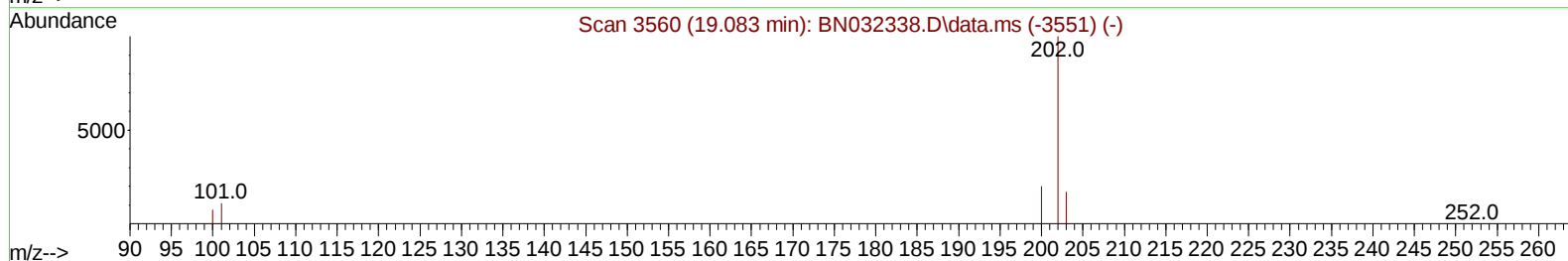
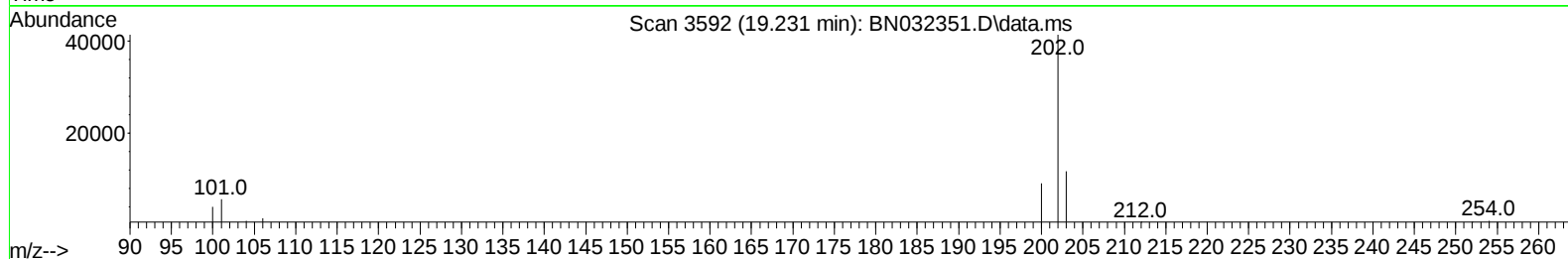
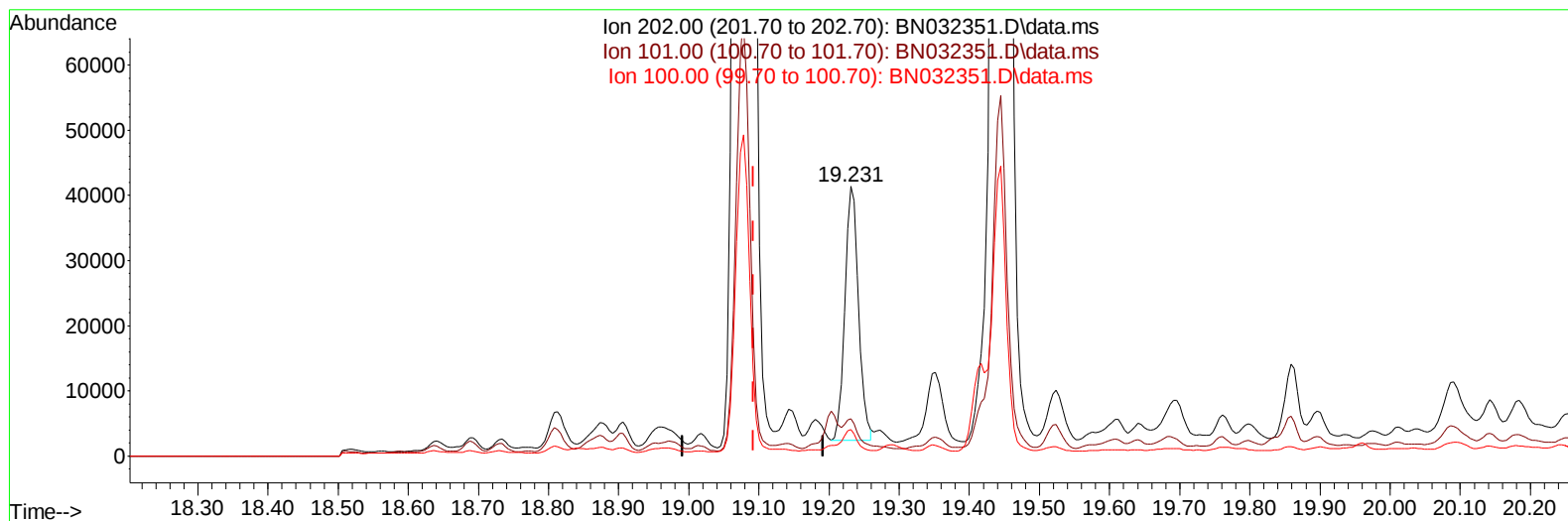
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

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TIC: BN032351.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.69 ng/u1

response 52780

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.74#
100.00	8.00	9.75#
0.00	0.00	0.00

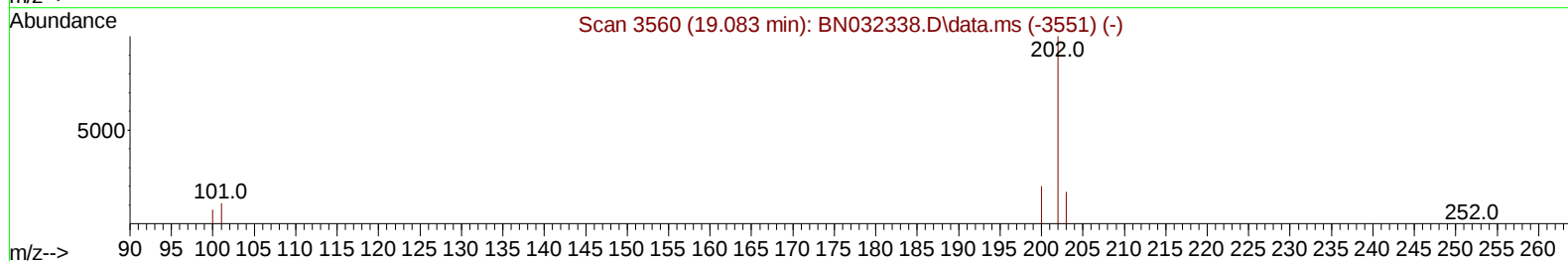
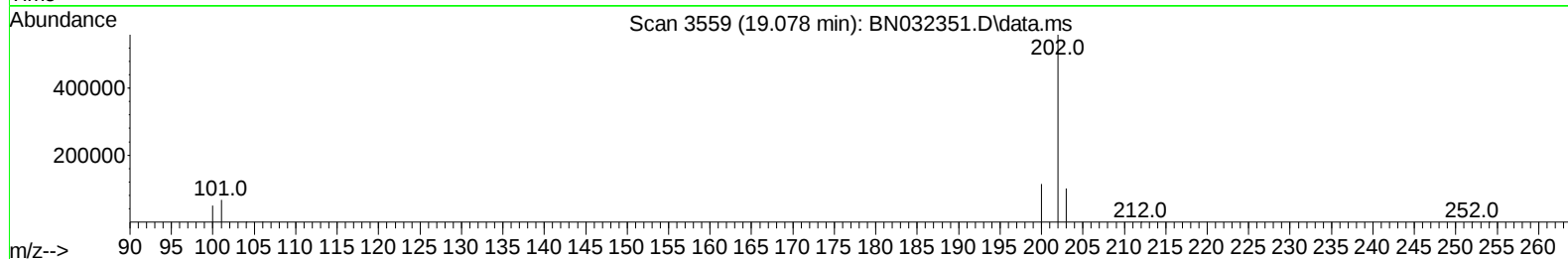
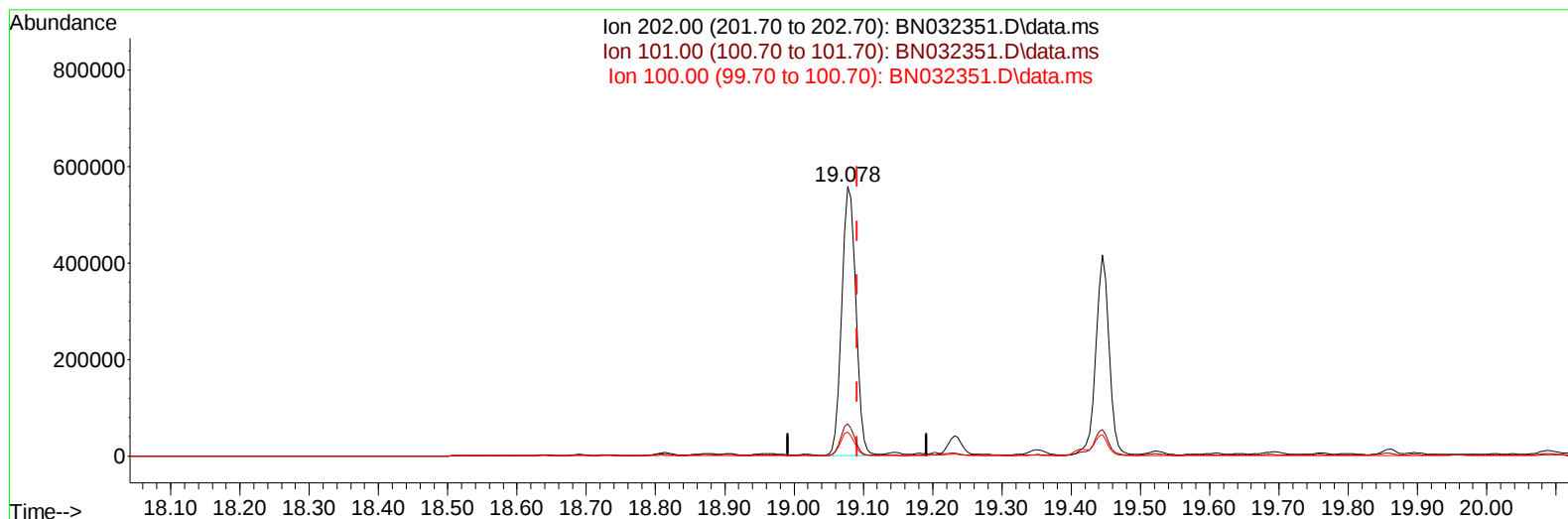
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

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TIC: BN032351.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 10.24 ng/ul m

response 778494

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.90
100.00	8.00	8.82
0.00	0.00	0.00

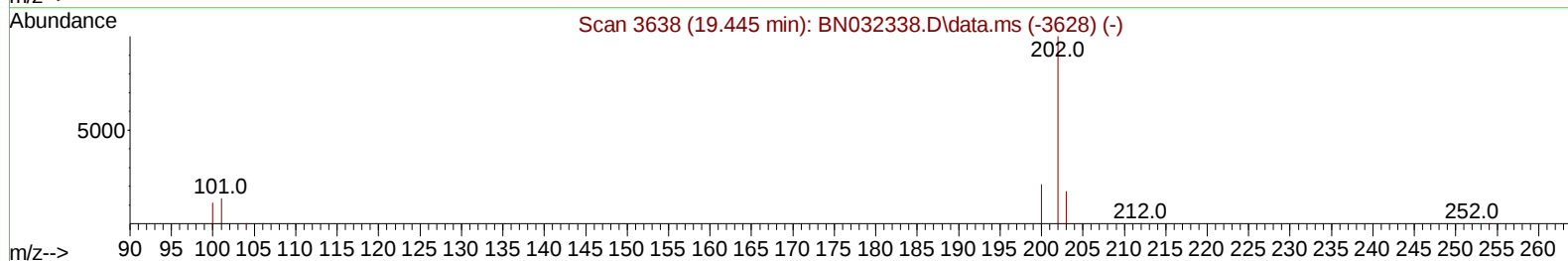
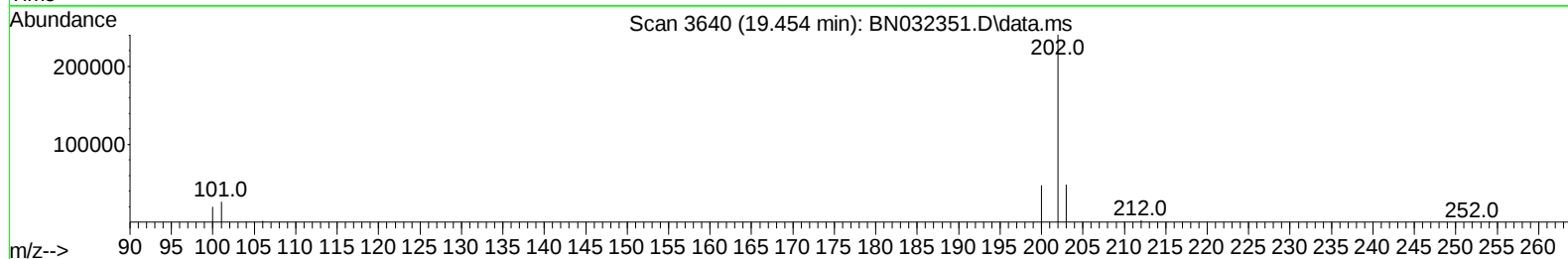
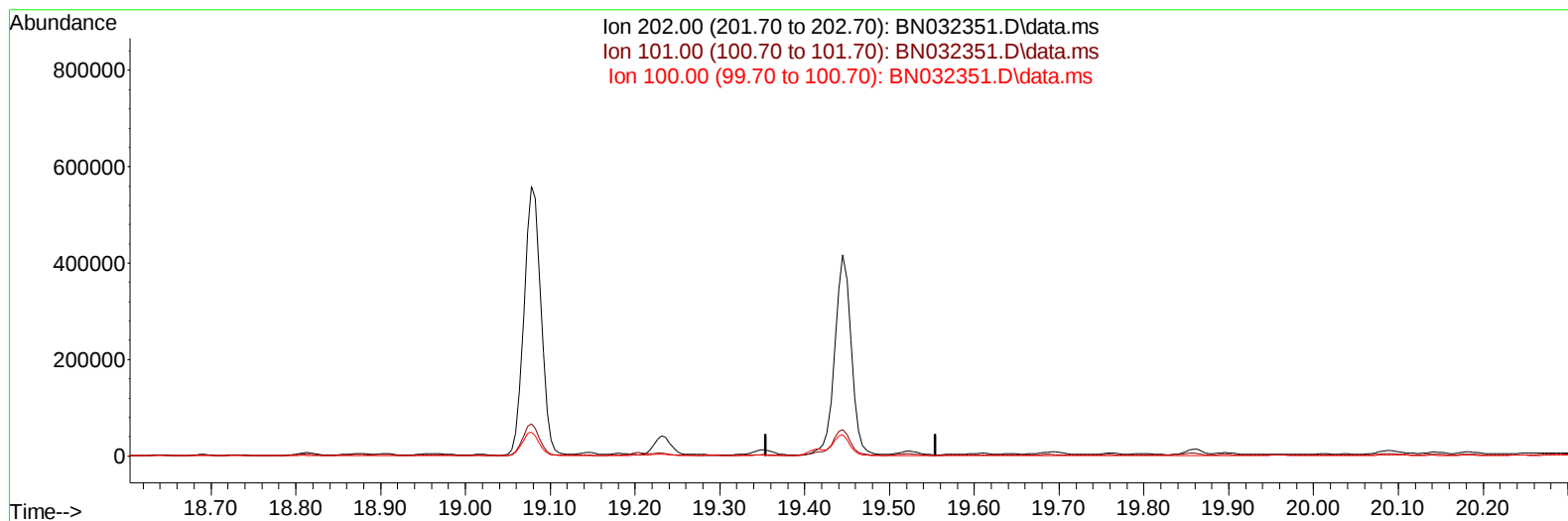
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 2024
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TIC: BN032351.D\data.ms

(20) Pyrene

19.454min (-19.454) 0.00 ng/u1

response 0

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

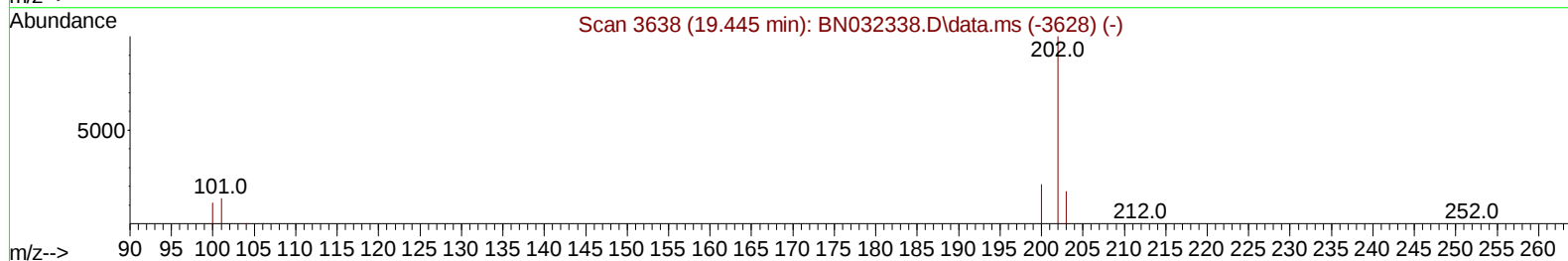
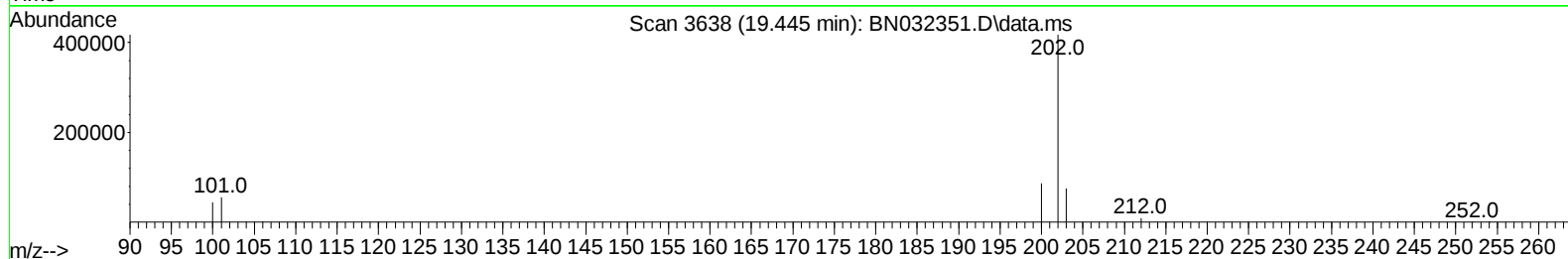
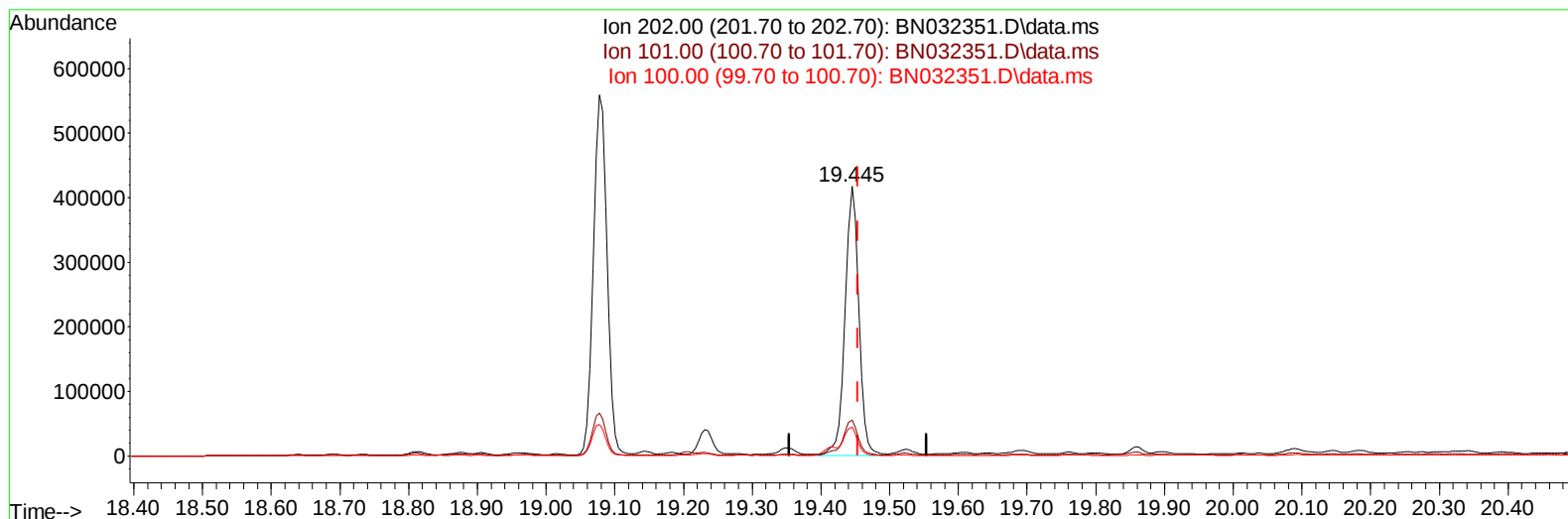
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(20) Pyrene

19.445min (-0.009) 7.13 ng/u1 m

response 566666

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.25
100.00	10.90	10.67
0.00	0.00	0.00

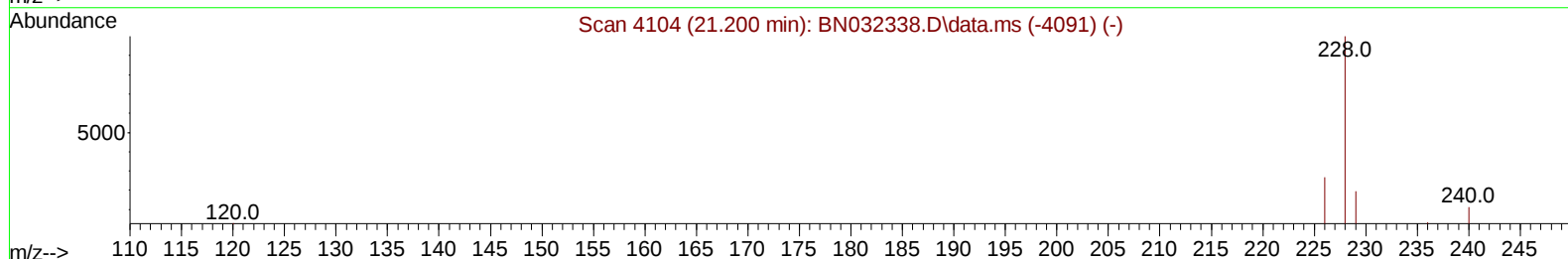
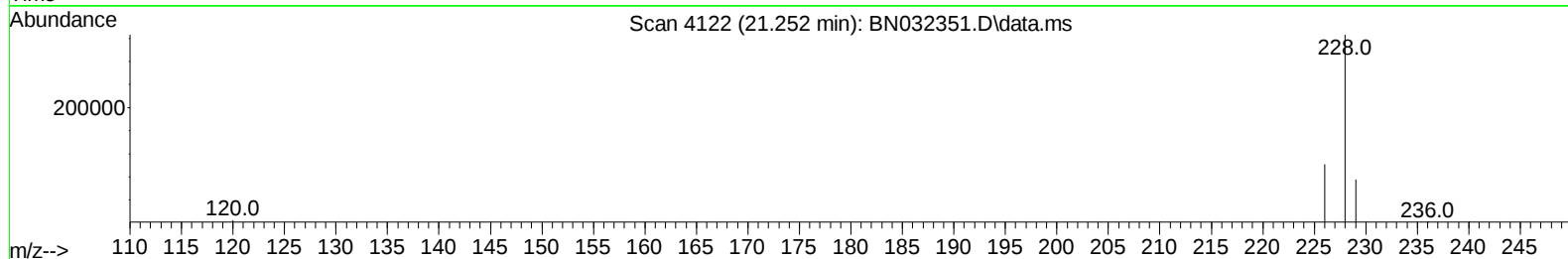
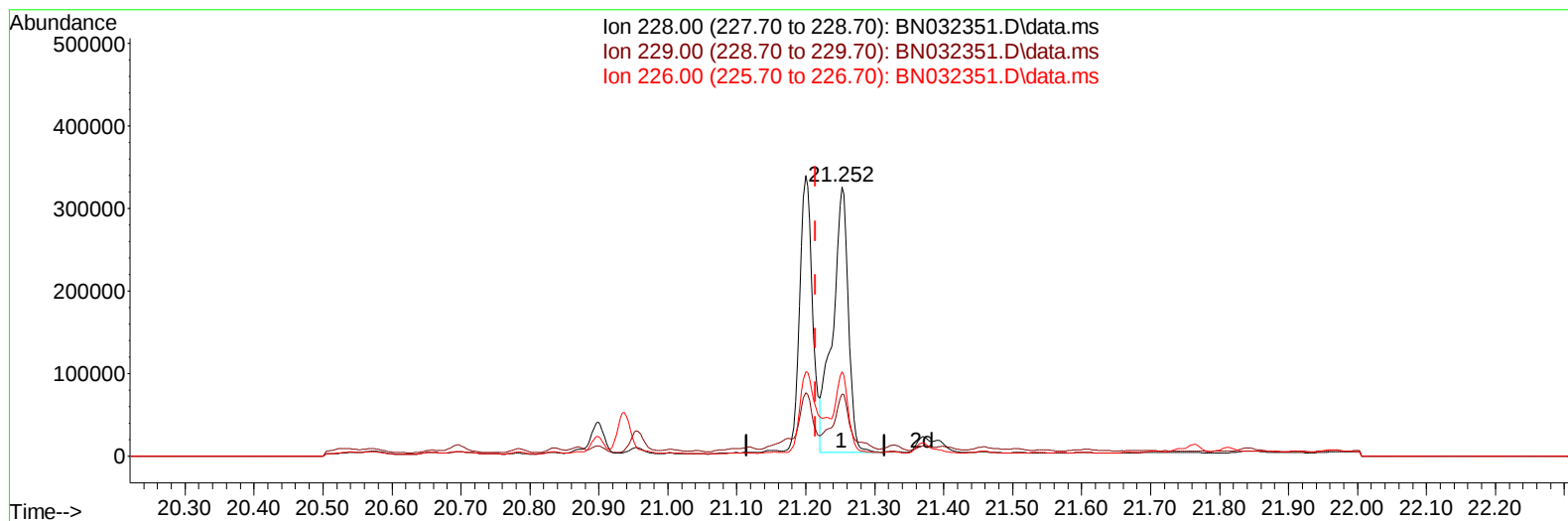
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(21) Benzo(a)anthracene

21.252min (+ 0.038) 7.09 ng/u1

response 510509

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.07
226.00	27.30	31.26
0.00	0.00	0.00

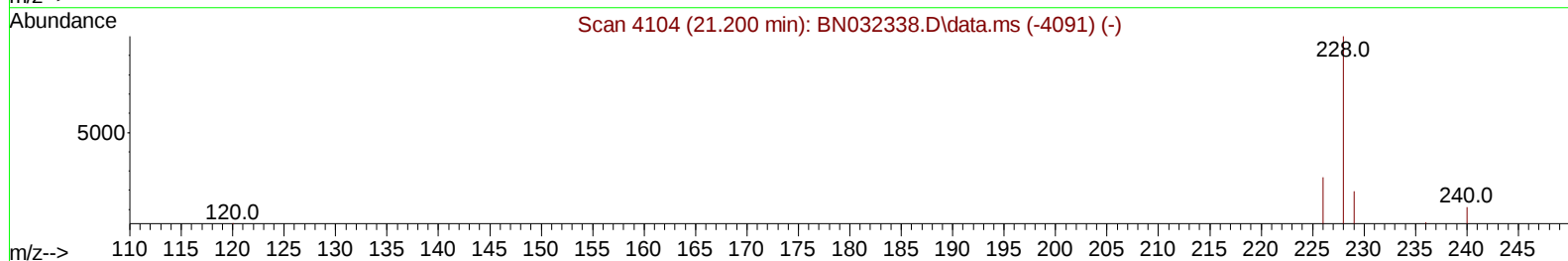
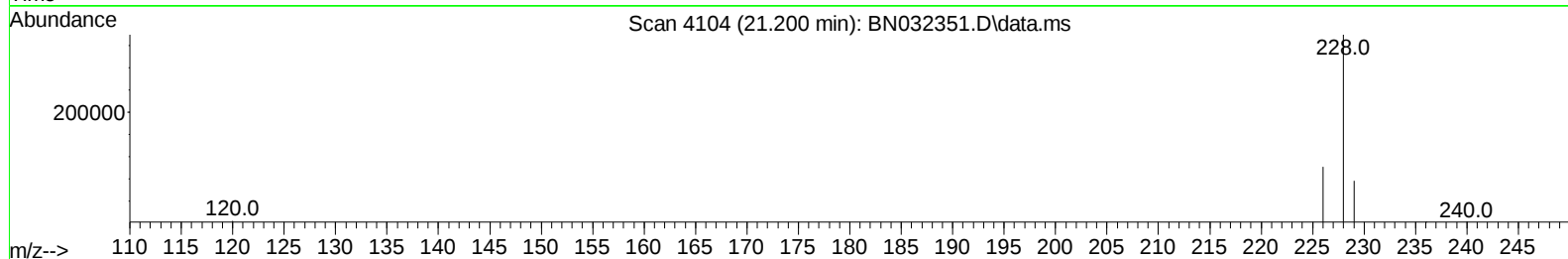
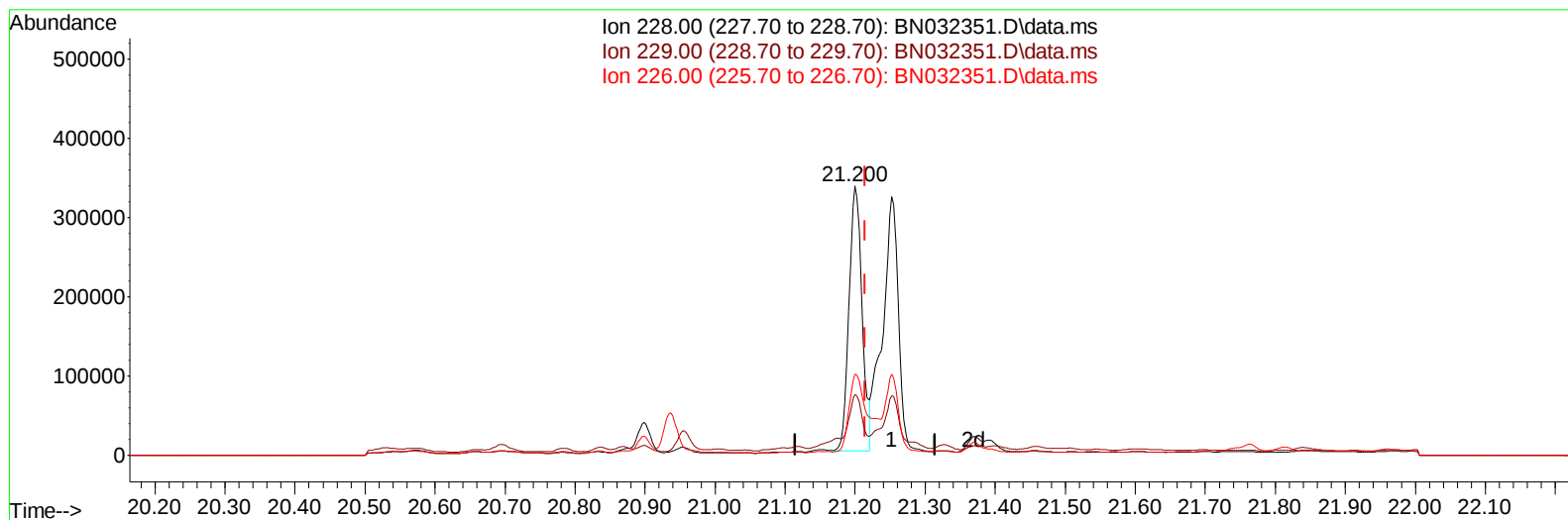
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:05:24 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: BN032351.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 5.97 ng/u1 m

response 430093

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.56
226.00	27.30	30.13
0.00	0.00	0.00

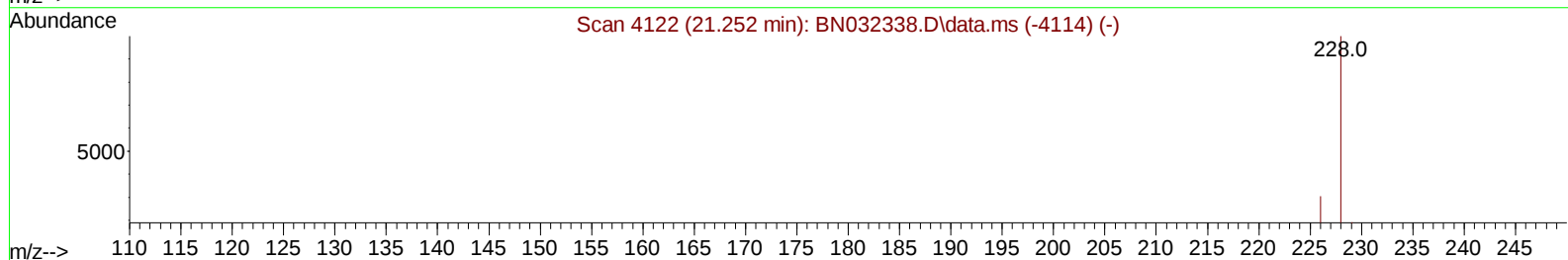
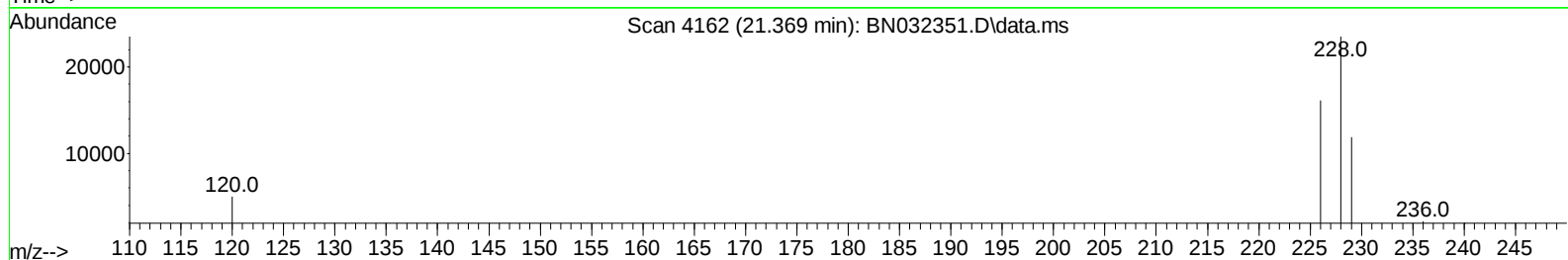
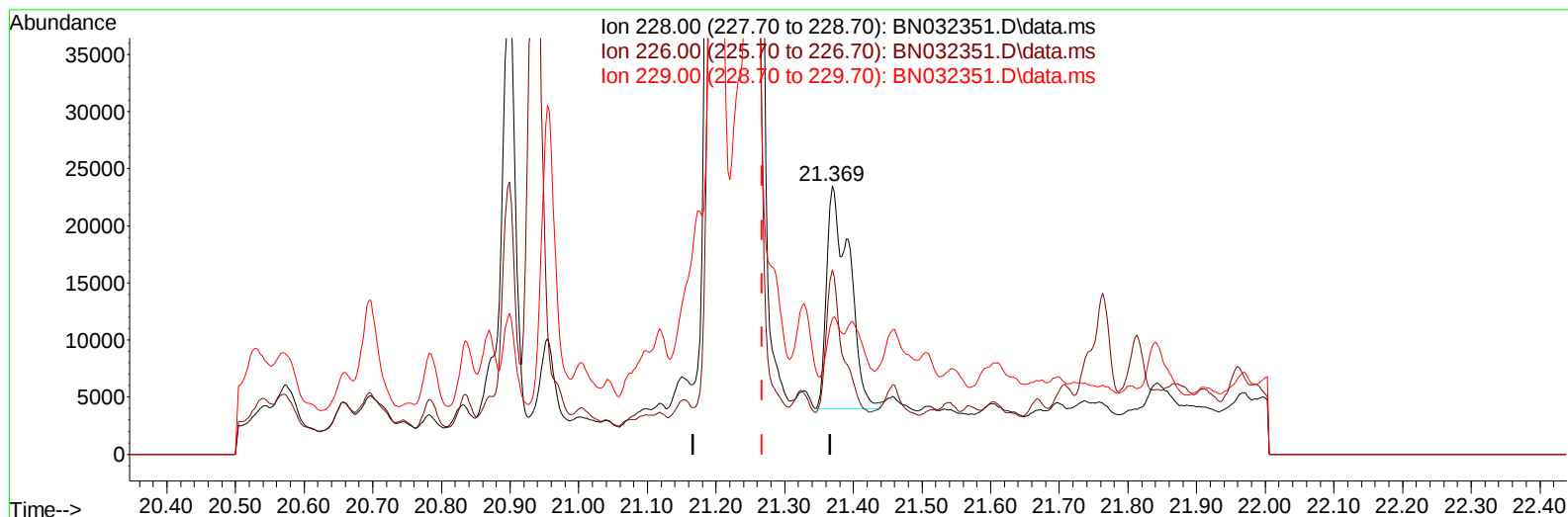
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.56 ng/u1

response 44433

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	68.64#
229.00	19.60	50.58#
0.00	0.00	0.00

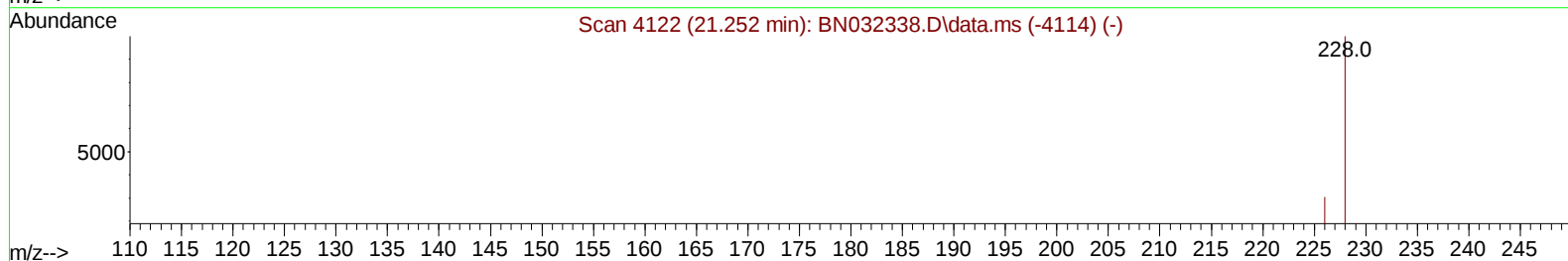
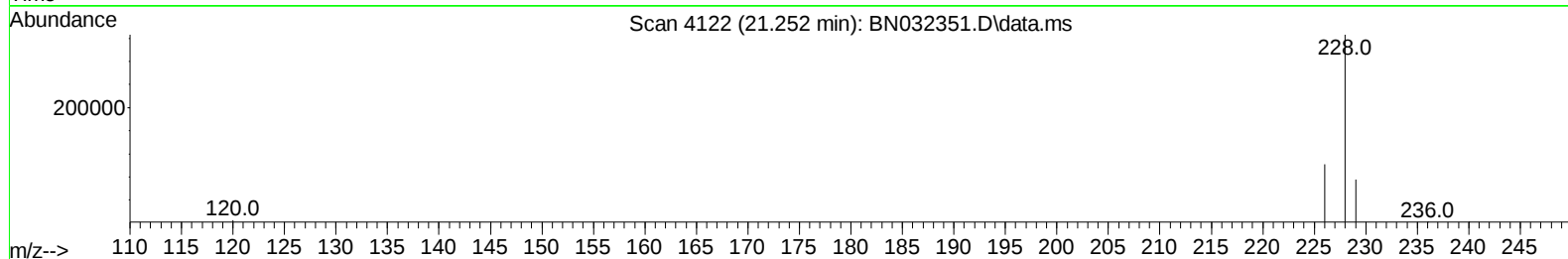
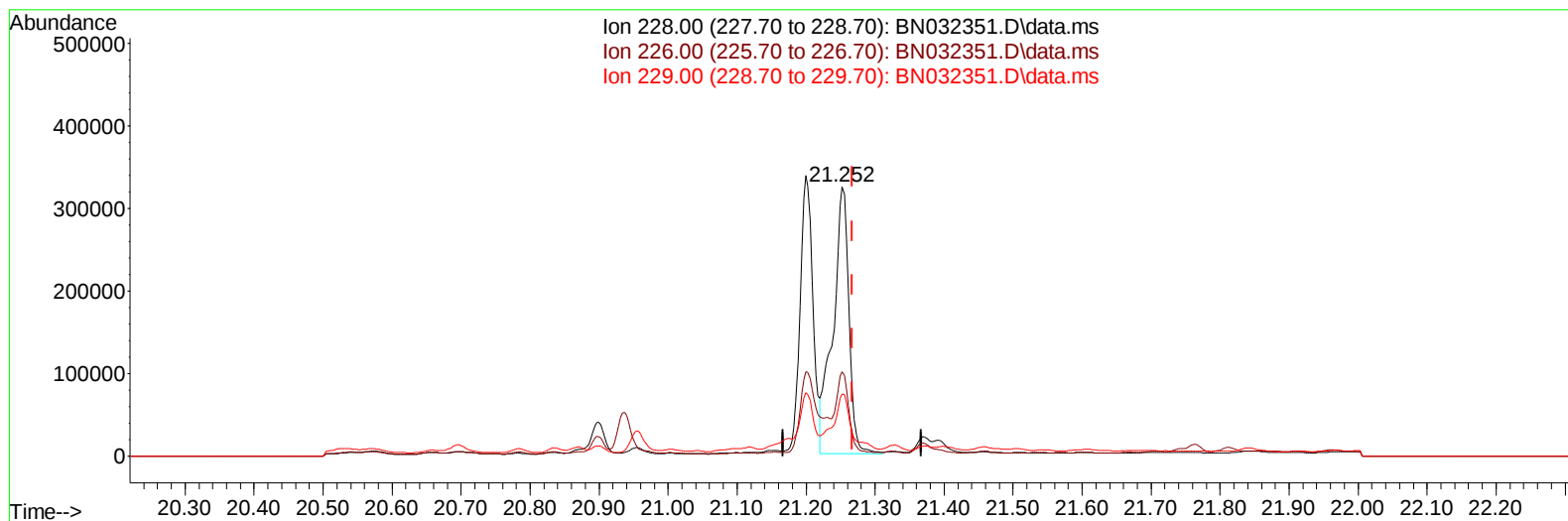
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(22) Chrysene

21.252min (-0.015) 6.61 ng/ul m

response 522739

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.26
229.00	19.60	23.07
0.00	0.00	0.00

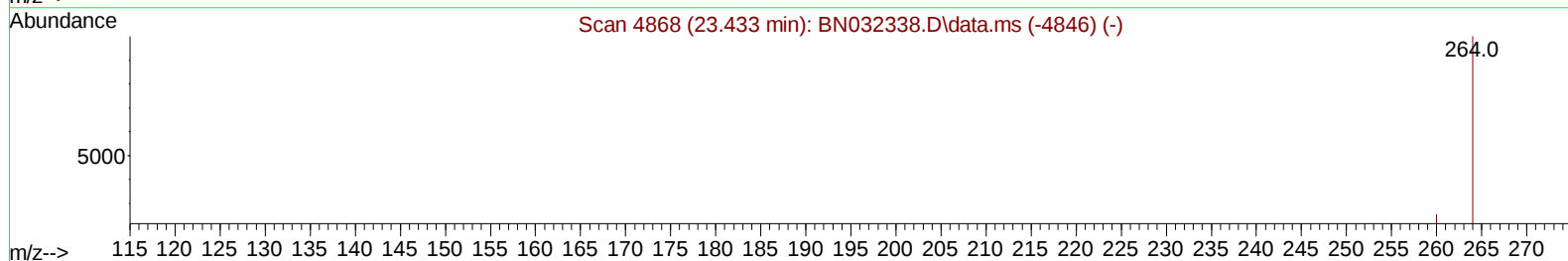
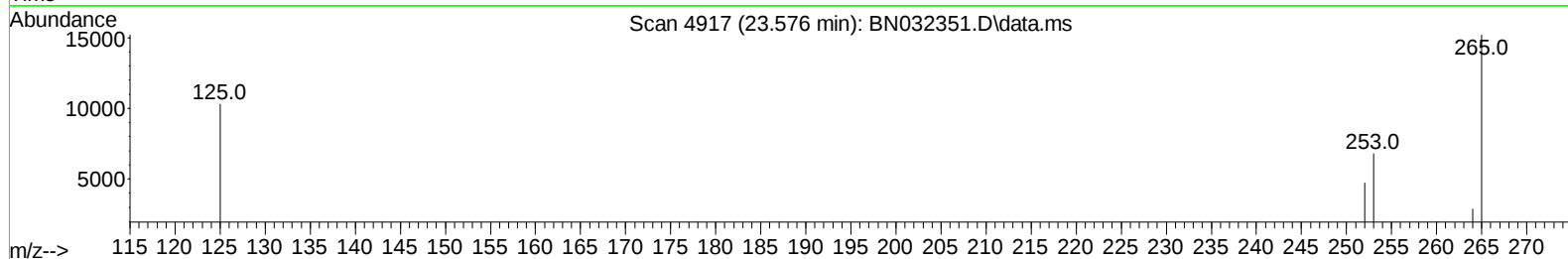
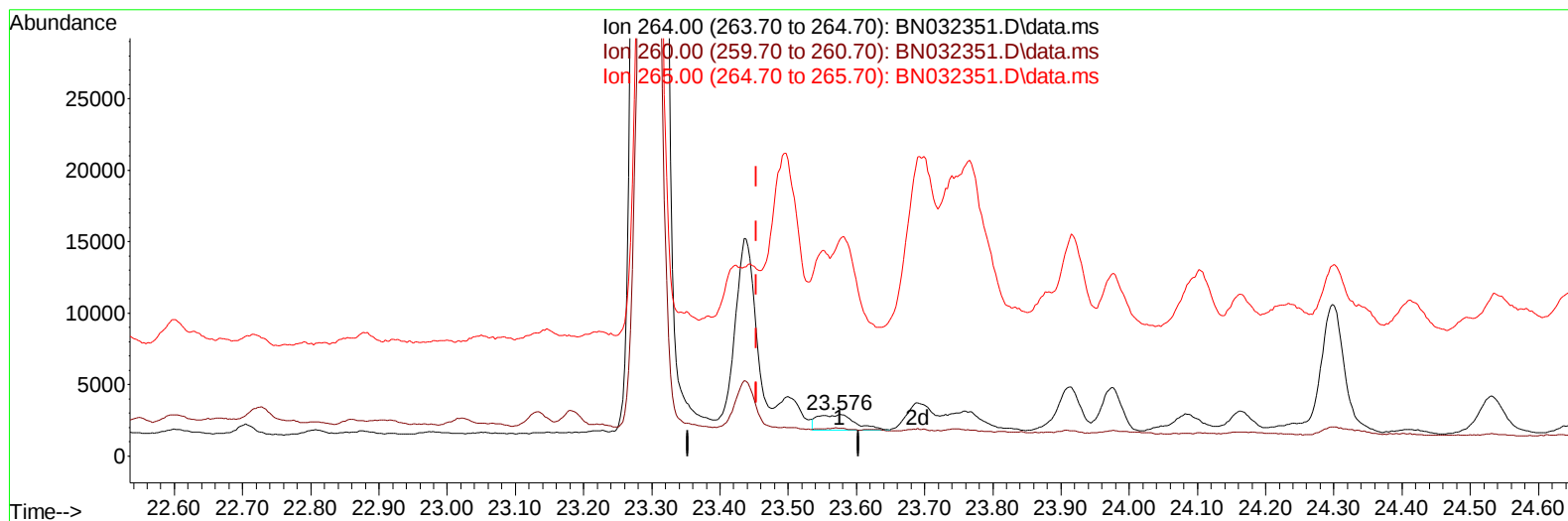
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(23) Perylene-d12 (I)

23.576min (+ 0.123) 0.40 ng/u1

response 4068

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	66.91#
265.00	67.20	521.57#
0.00	0.00	0.00

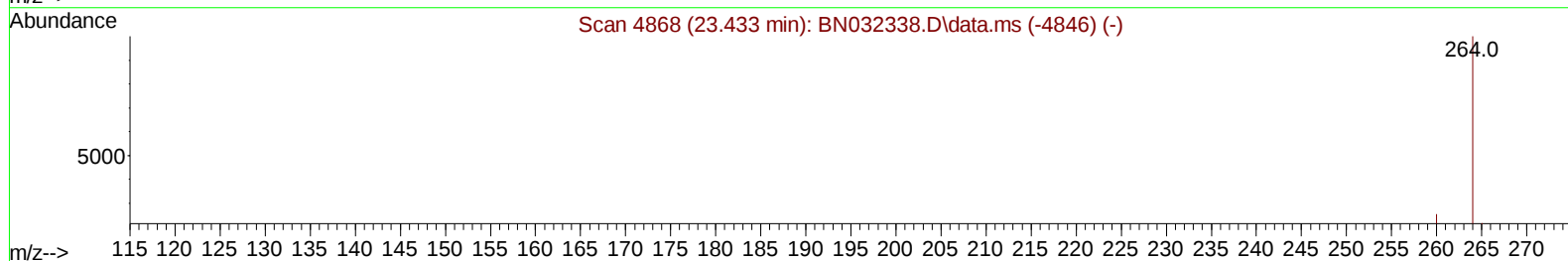
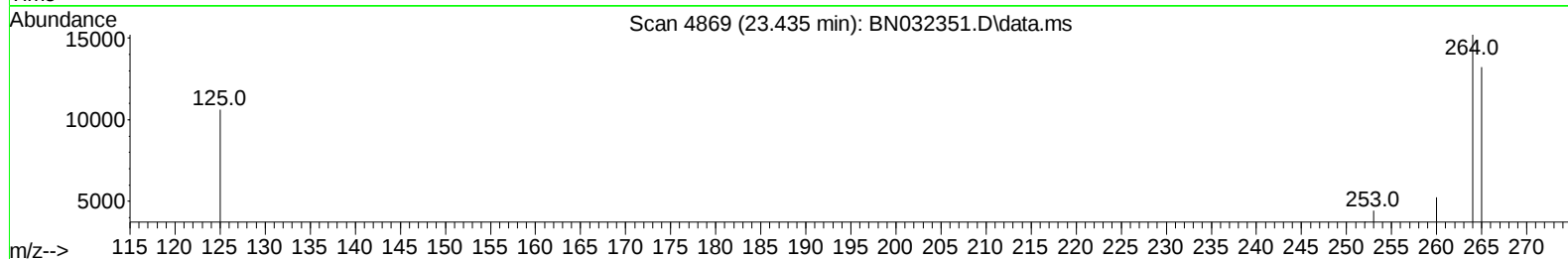
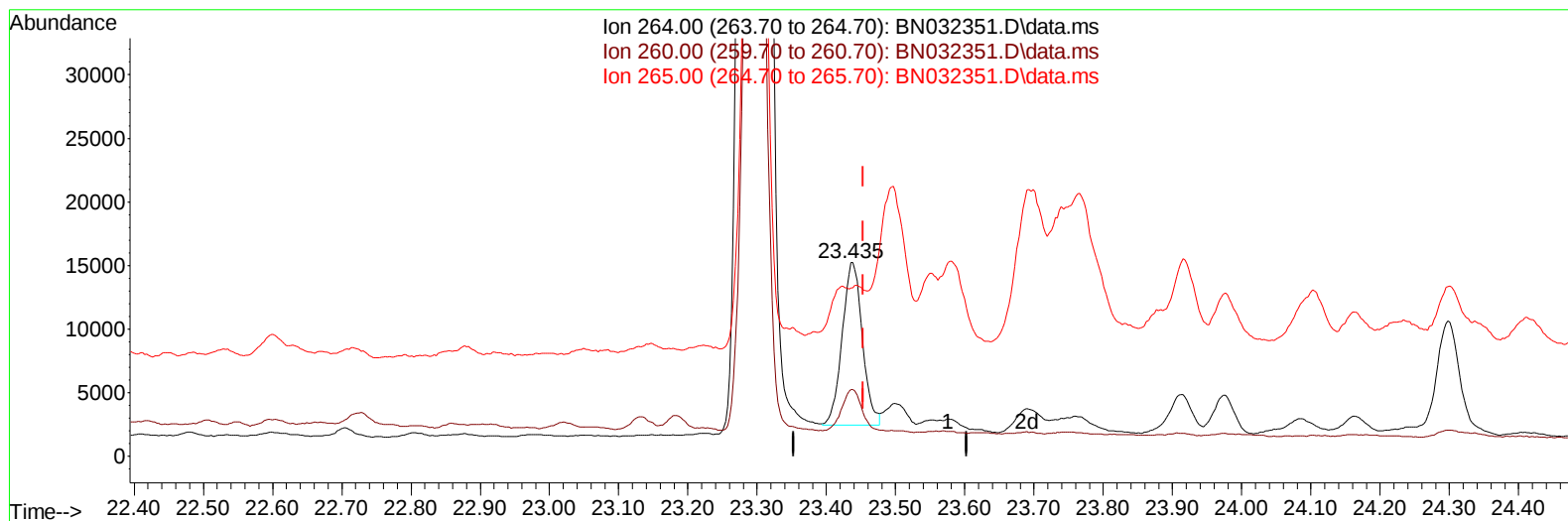
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(23) Perylene-d12 (I)

23.435min (-0.018) 0.40 ng/ul m

response 25892

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	34.53#
265.00	67.20	86.93#
0.00	0.00	0.00

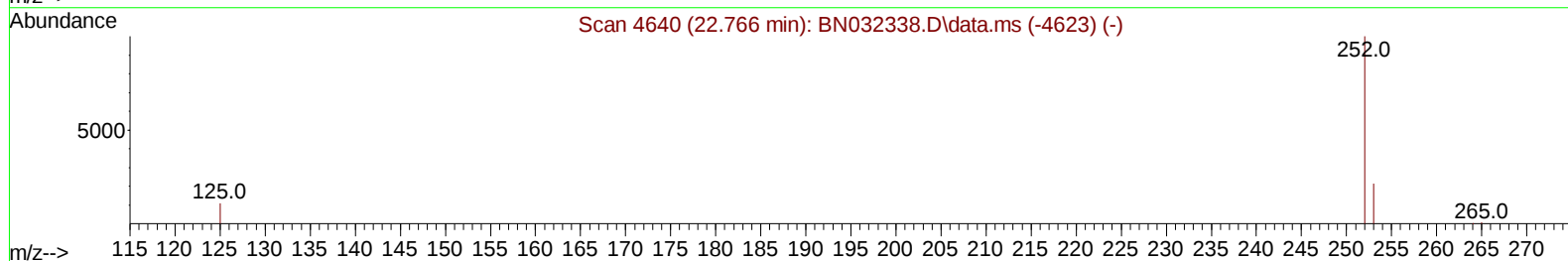
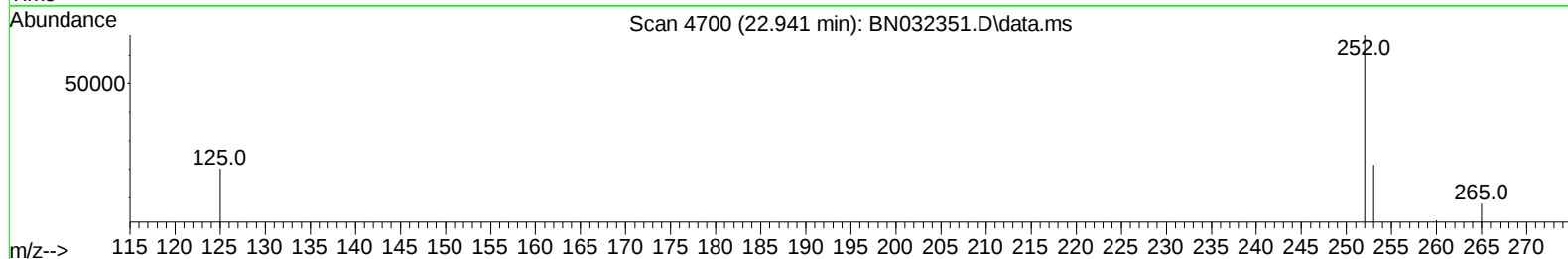
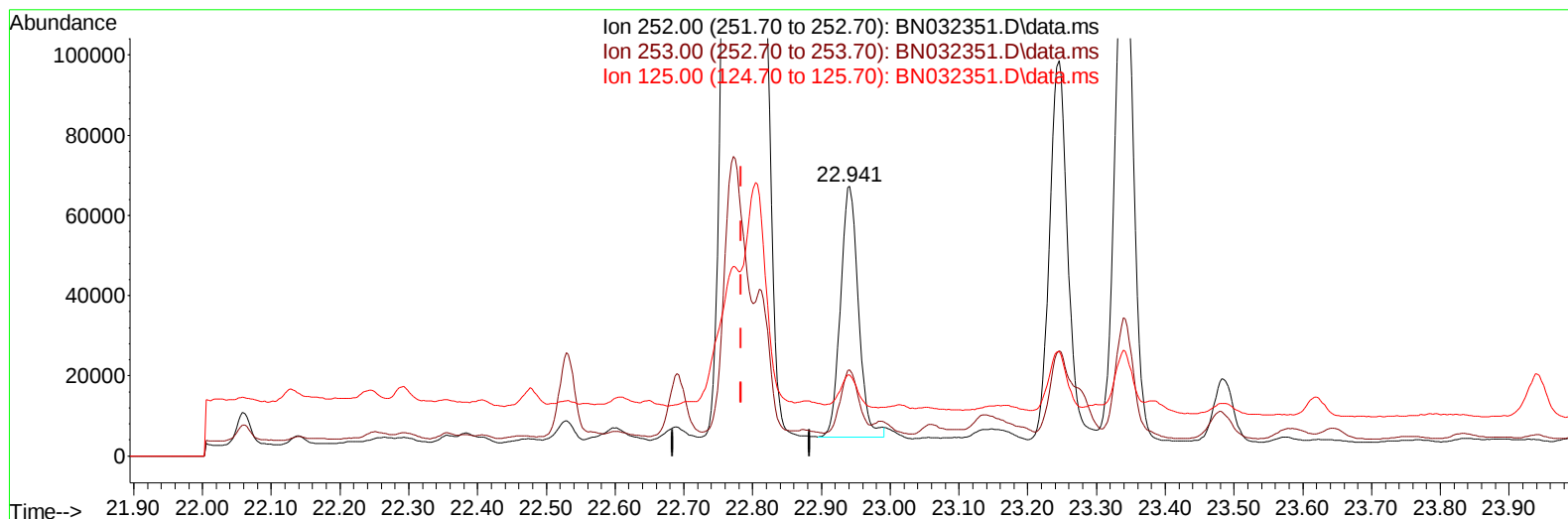
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(24) Benzo(b)fluoranthene

22.941min (+ 0.158) 1.00 ng/u1

response 112985

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.03
125.00	16.00	30.03
0.00	0.00	0.00

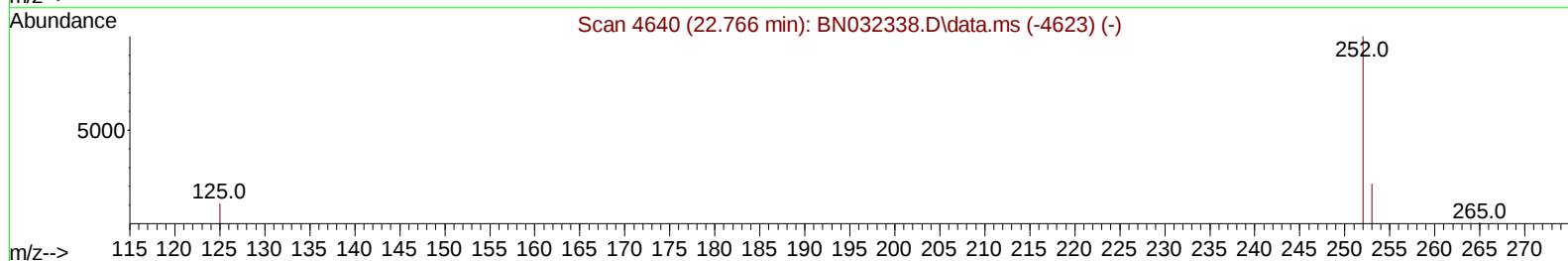
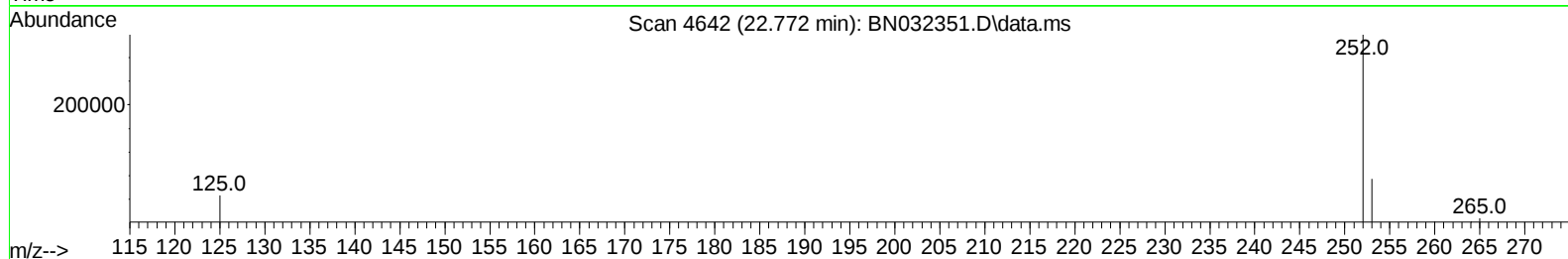
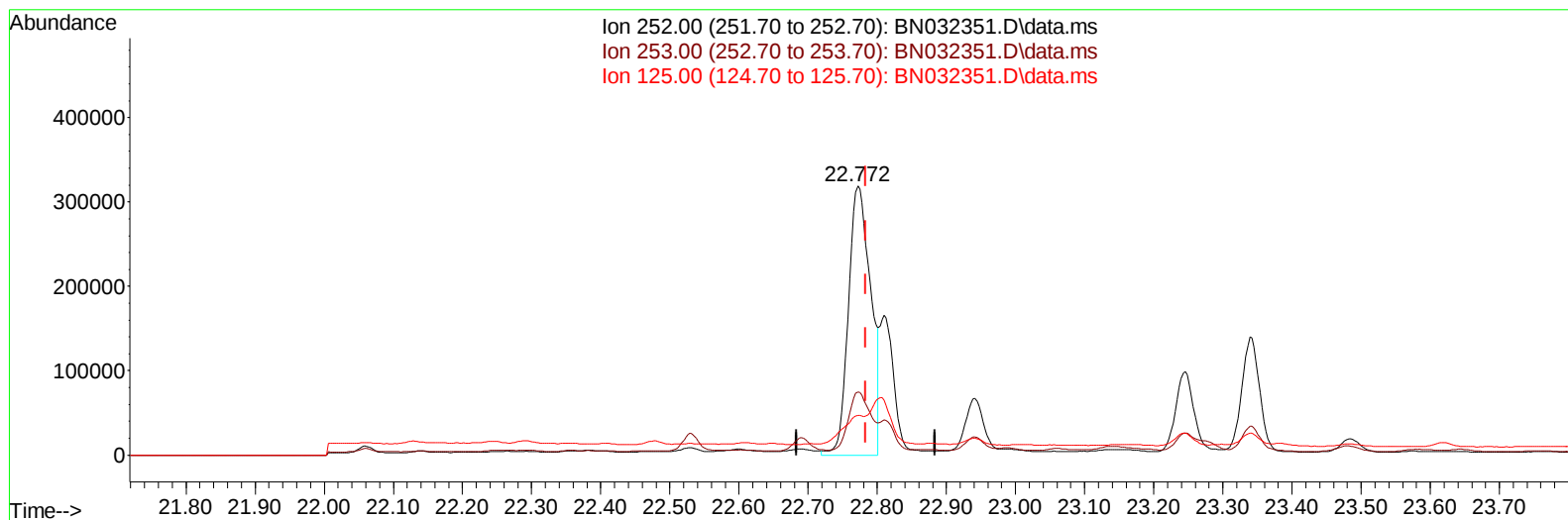
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(24) Benzo(b)fluoranthene

22.772min (-0.012) 6.39 ng/u1 m

response 718719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.46
125.00	16.00	14.82
0.00	0.00	0.00

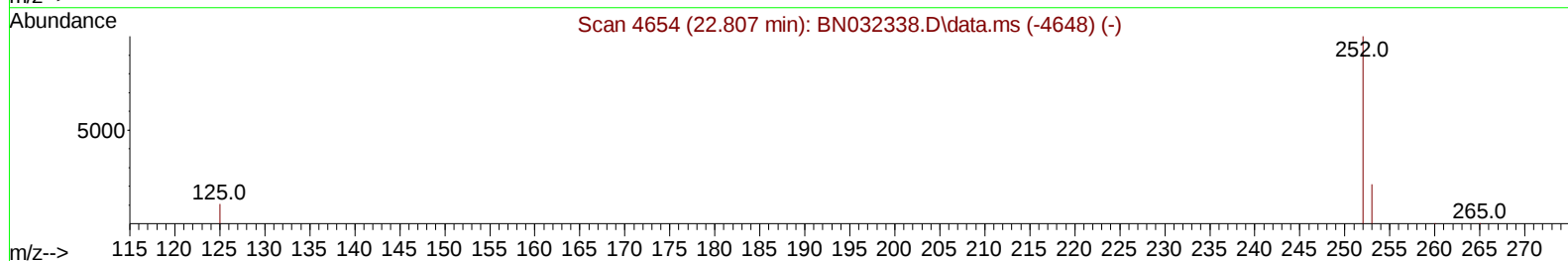
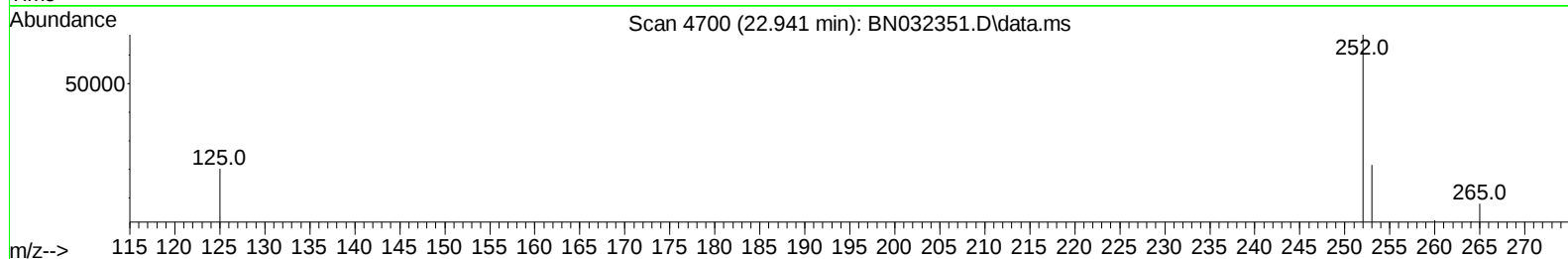
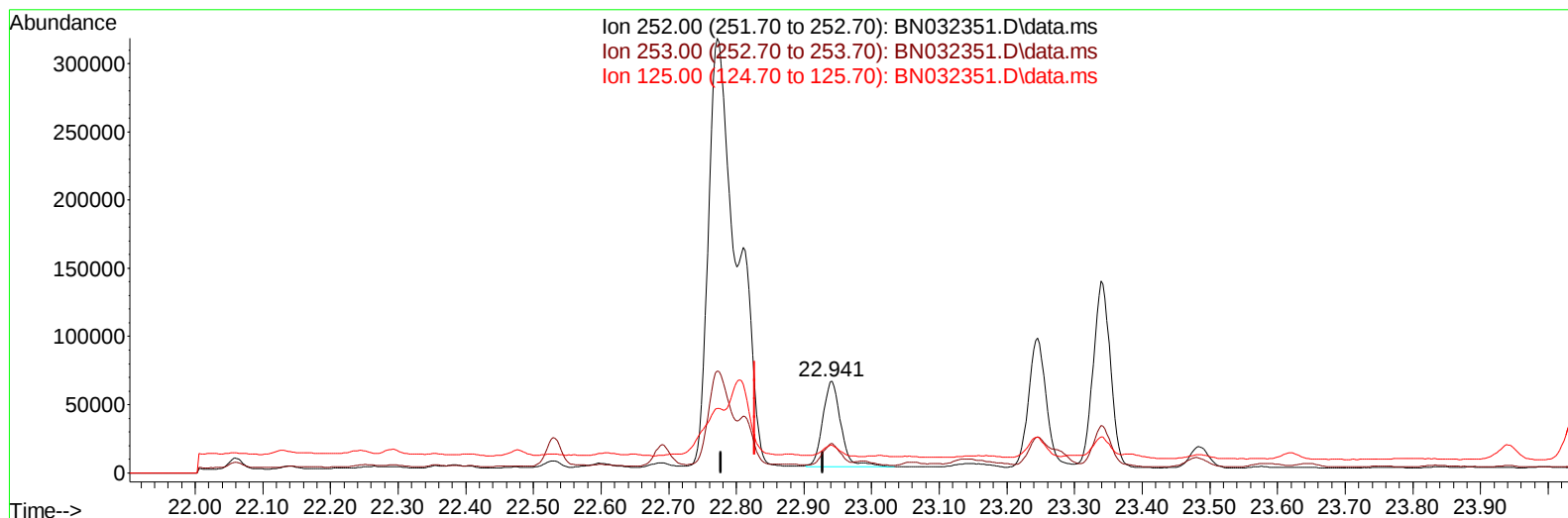
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032351.D
 Acq On : 29 Jun 2024 14:40
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(25) Benzo(k)fluoranthene

22.941min (+ 0.114) 1.08 ng/u1

response 118224

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	32.03#
125.00	16.00	30.03#
0.00	0.00	0.00

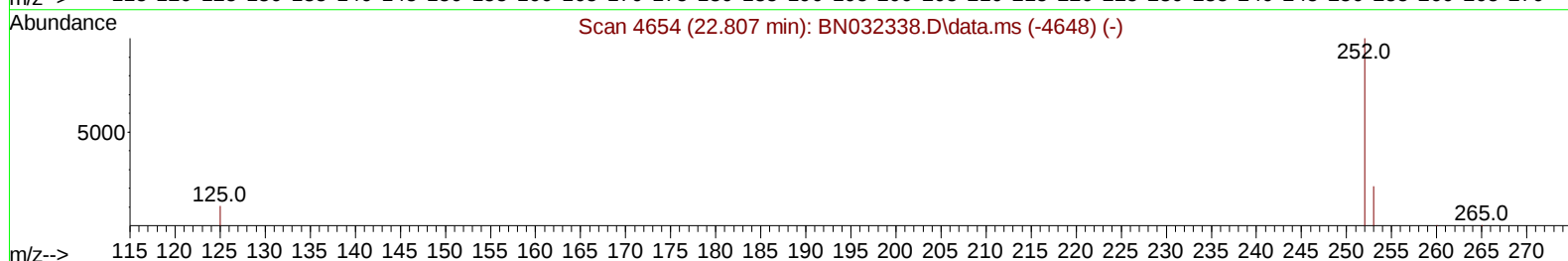
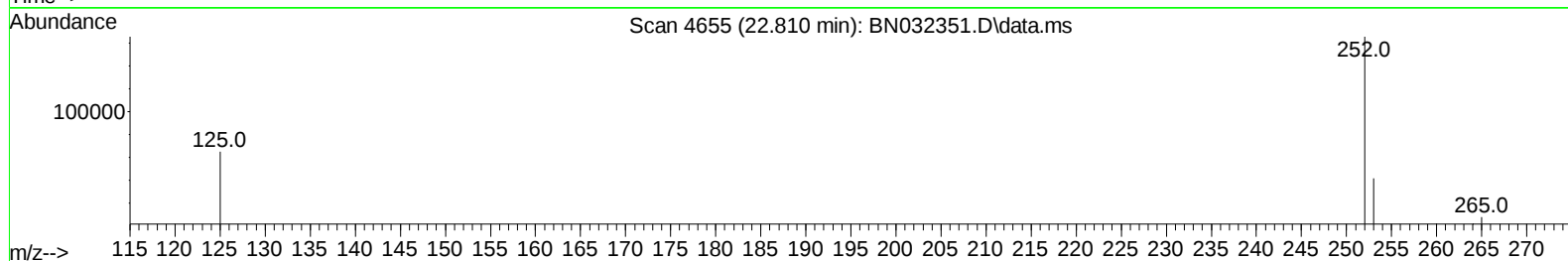
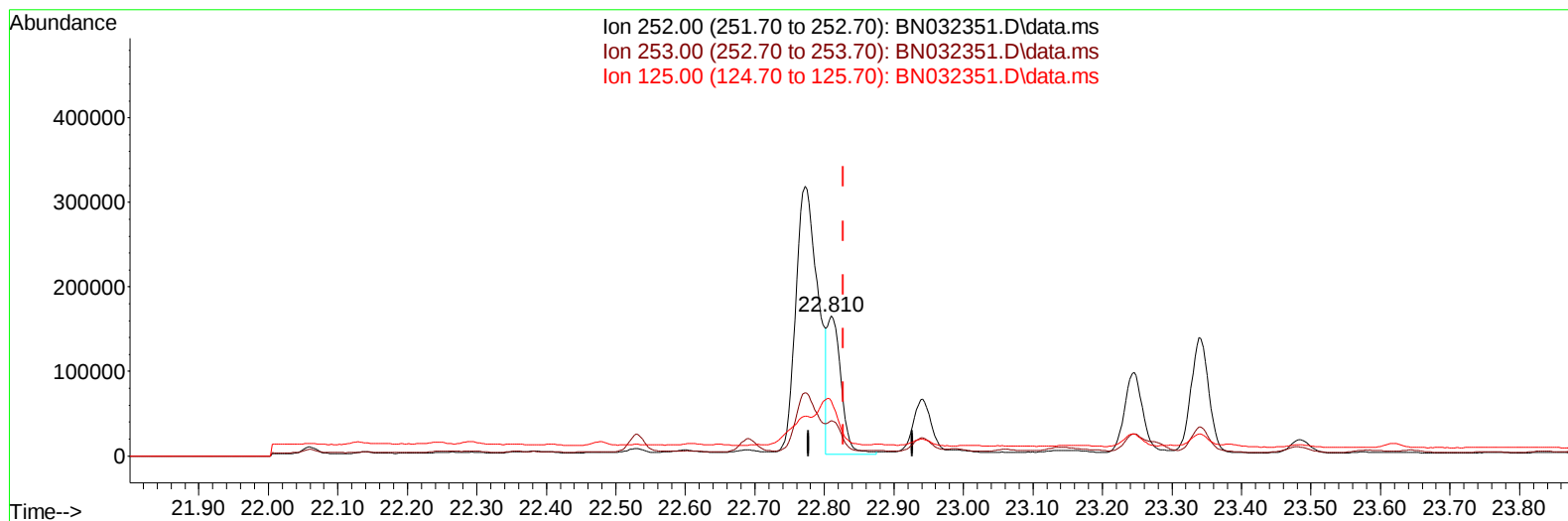
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 2.11 ng/u1 m

response 230196

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.15
125.00	16.00	39.26#
0.00	0.00	0.00

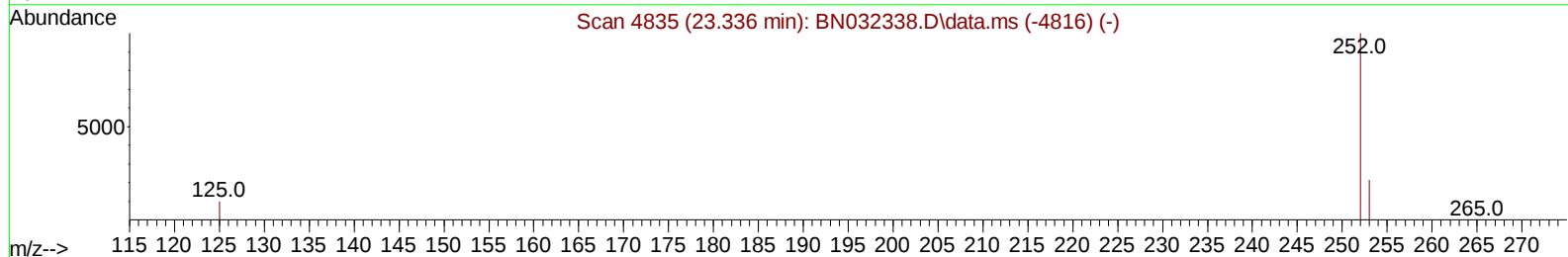
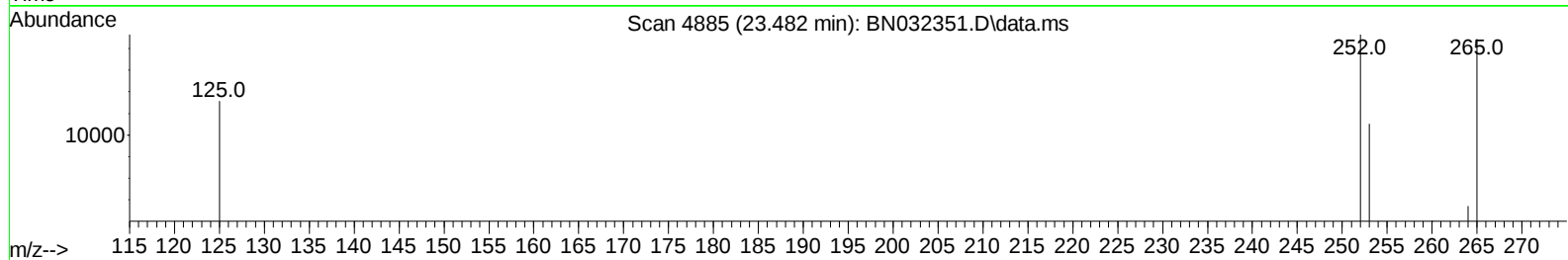
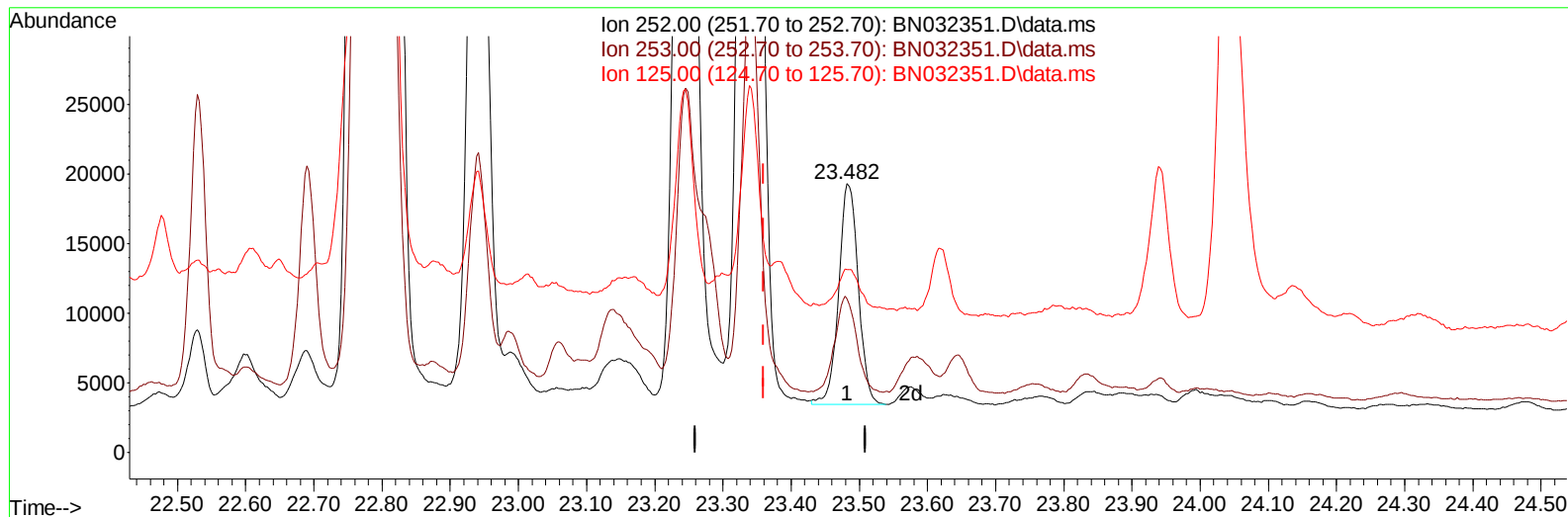
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(26) Benzo(a)pyrene (C)

23.482min (+ 0.123) 0.41 ng/u1

response 31706

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	57.11#
125.00	20.50	68.04#
0.00	0.00	0.00

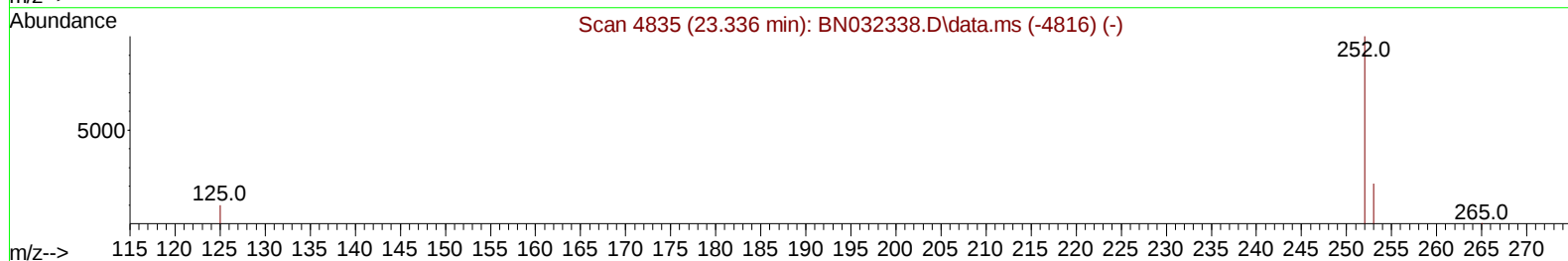
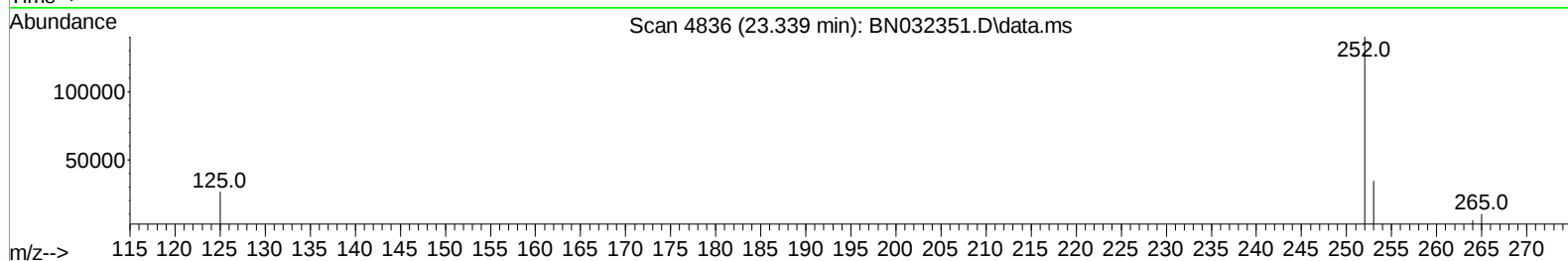
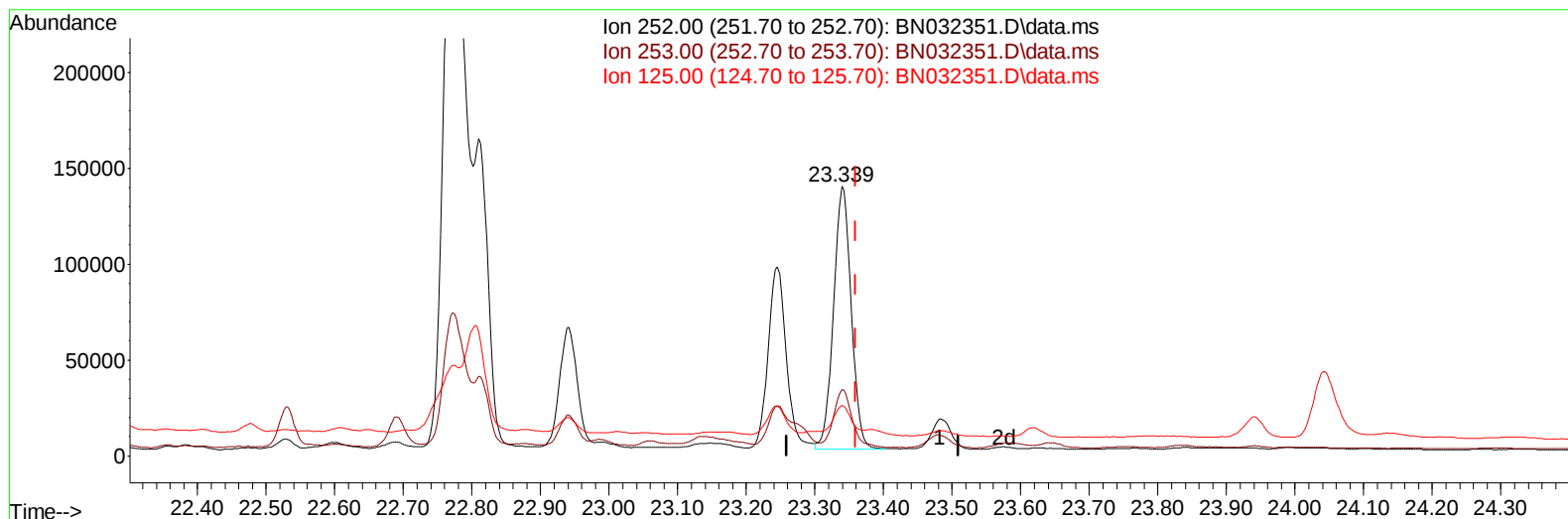
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(26) Benzo(a)pyrene (C)

23.339min (-0.021) 3.13 ng/u1 m

response 245096

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.58
125.00	20.50	18.75
0.00	0.00	0.00

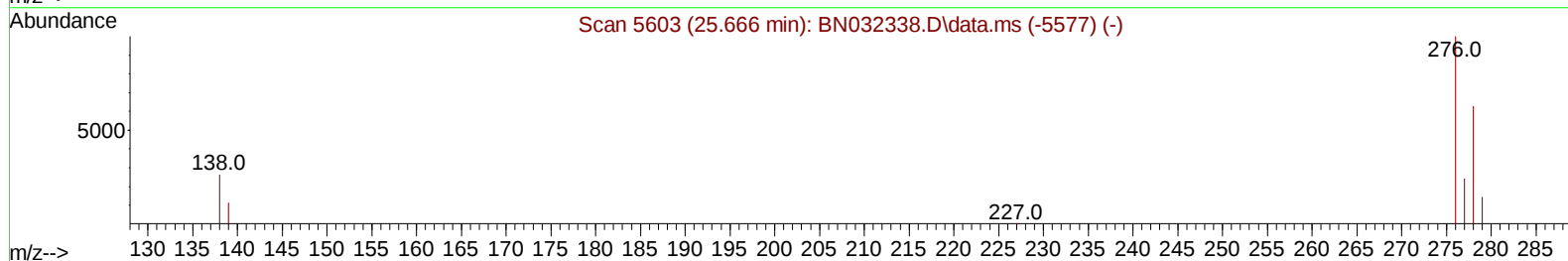
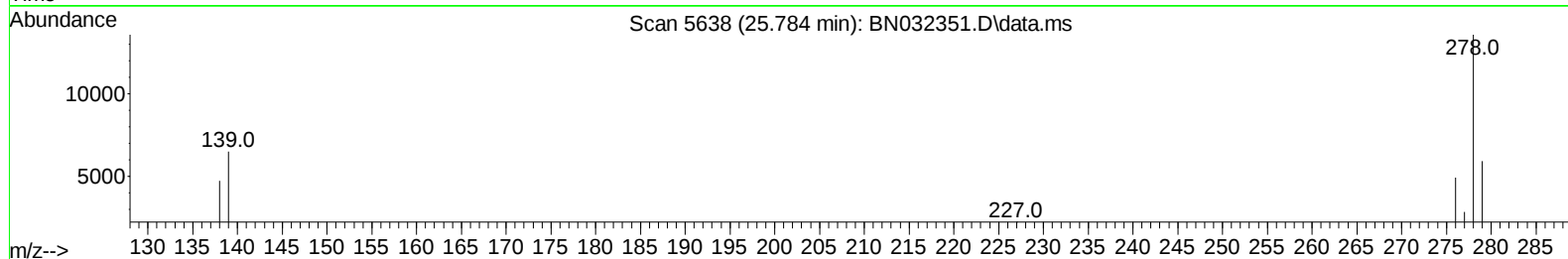
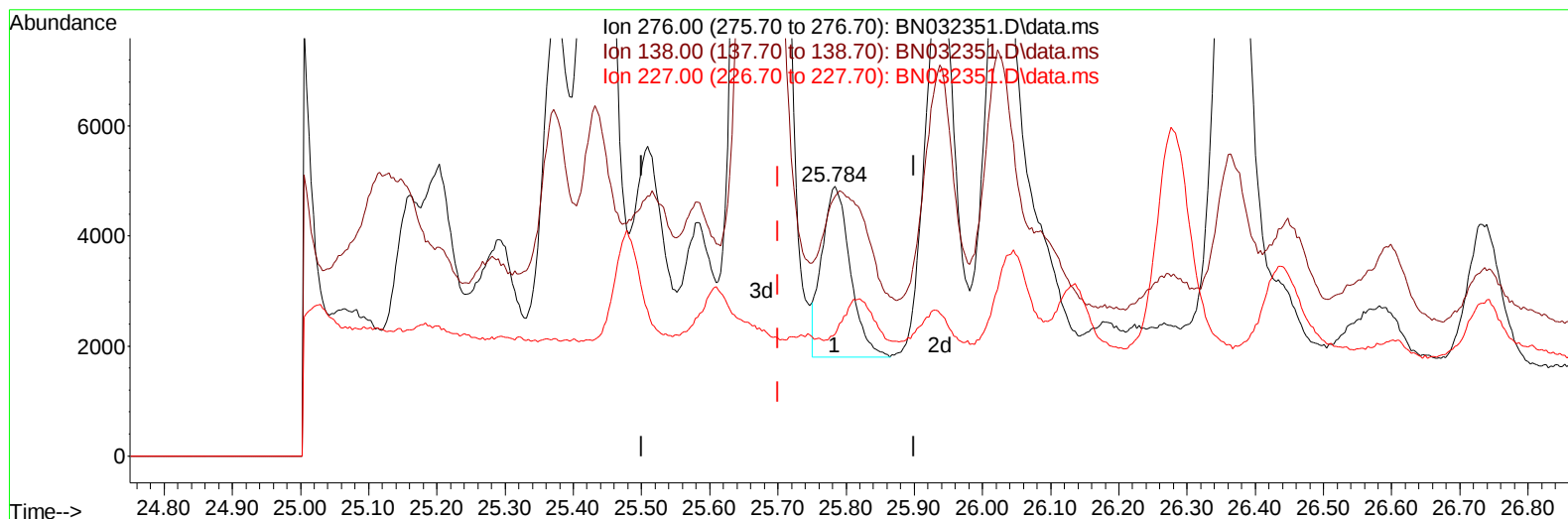
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

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

25.784min (+ 0.084) 0.07 ng/u1

response 8992

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	93.64#
227.00	0.10	0.00#
0.00	0.00	0.00

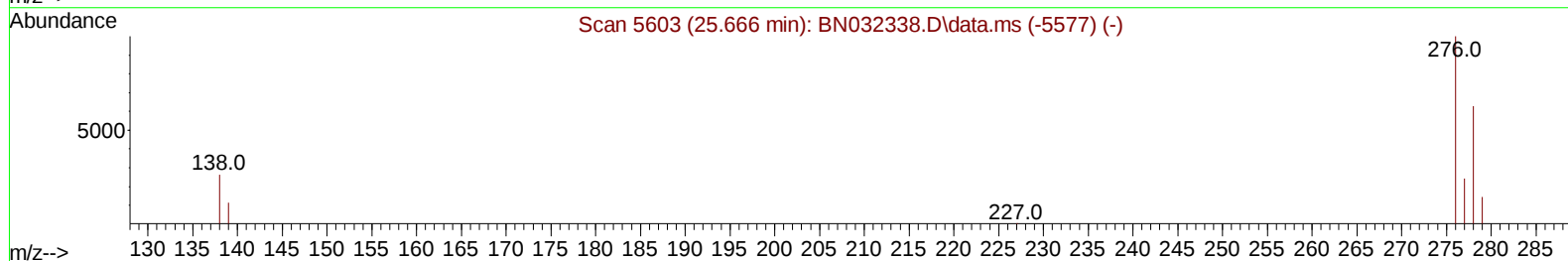
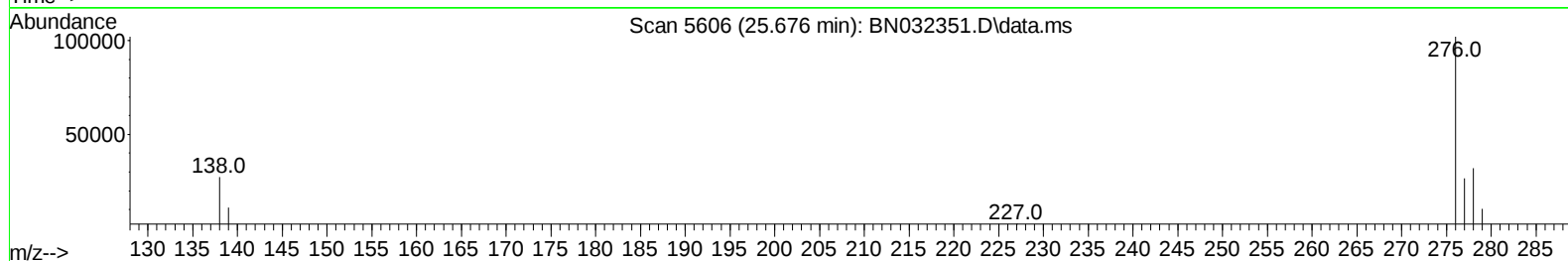
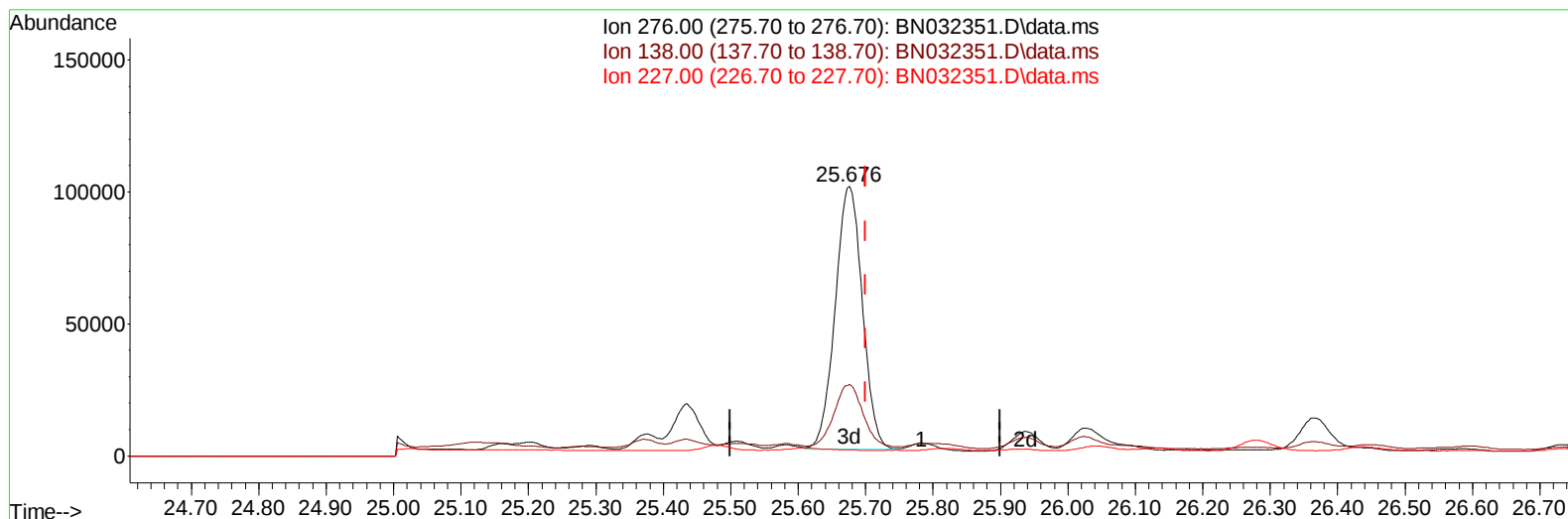
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

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

25.676min (-0.024) 2.27 ng/u1 m

response 278279

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.03#
227.00	0.10	0.00#
0.00	0.00	0.00

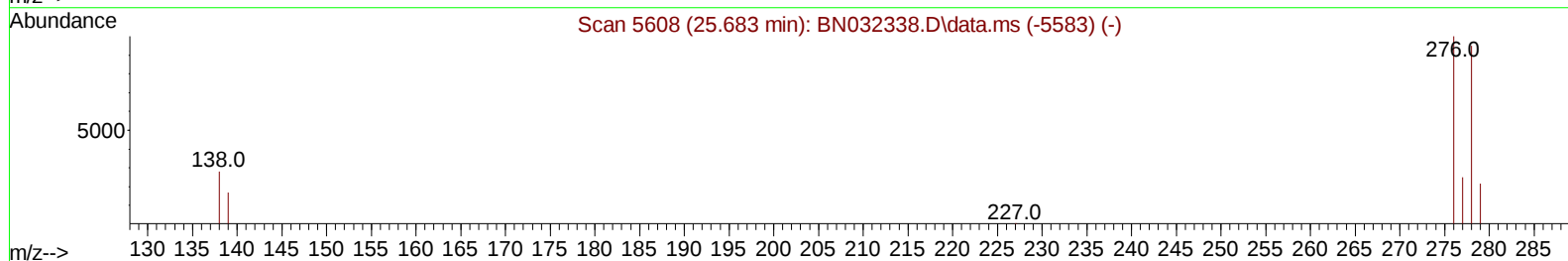
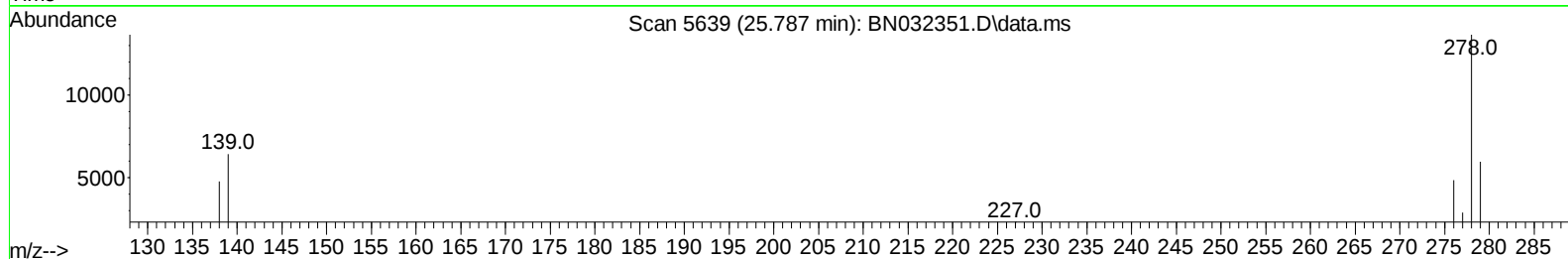
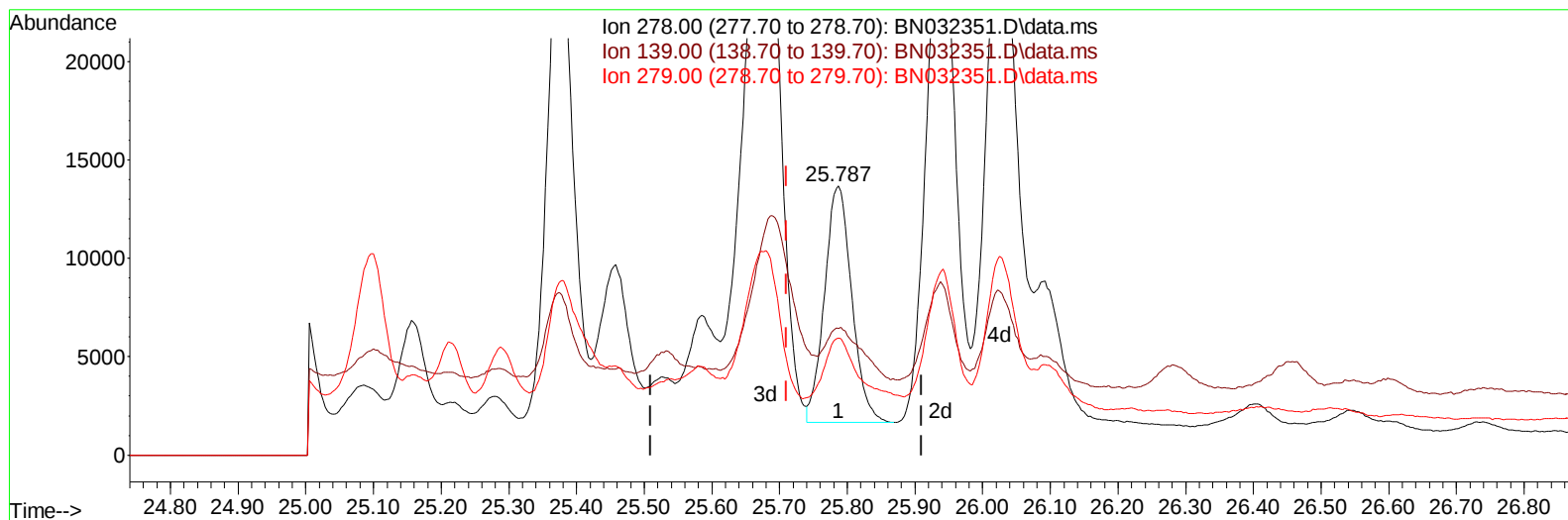
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(28) Dibenzo(a,h)anthracene

25.787min (+ 0.077) 0.37 ng/u1

response 33714

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	46.97#
279.00	26.40	43.51#
0.00	0.00	0.00

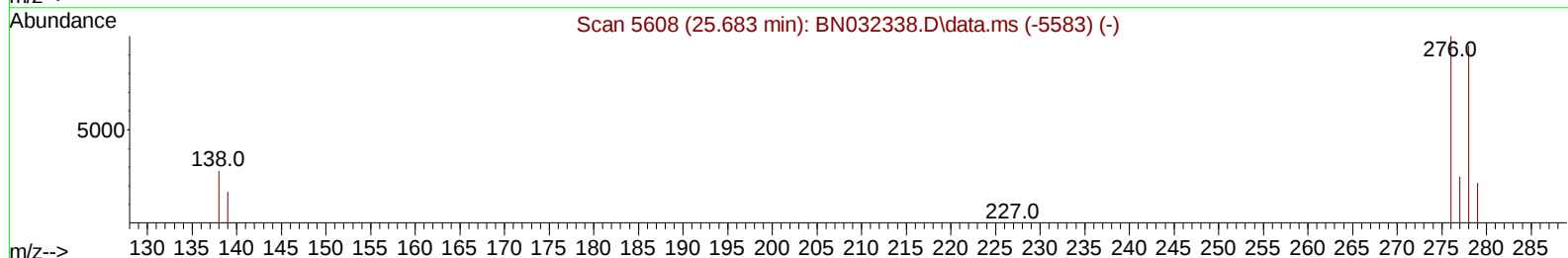
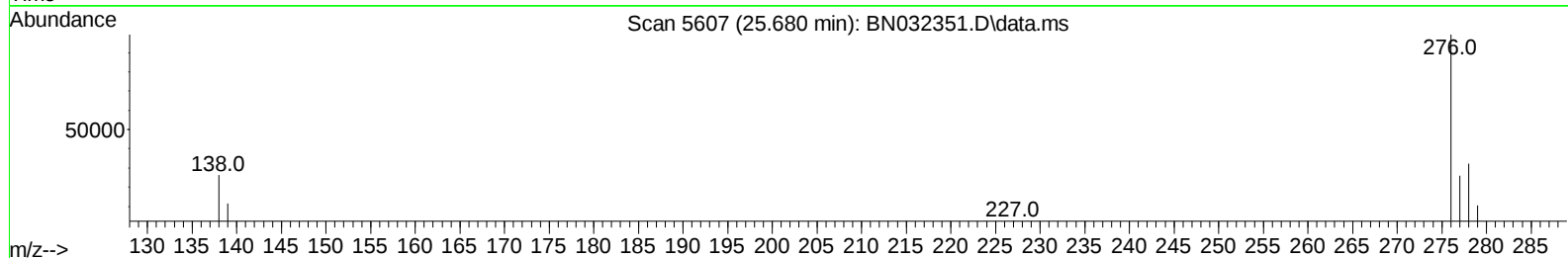
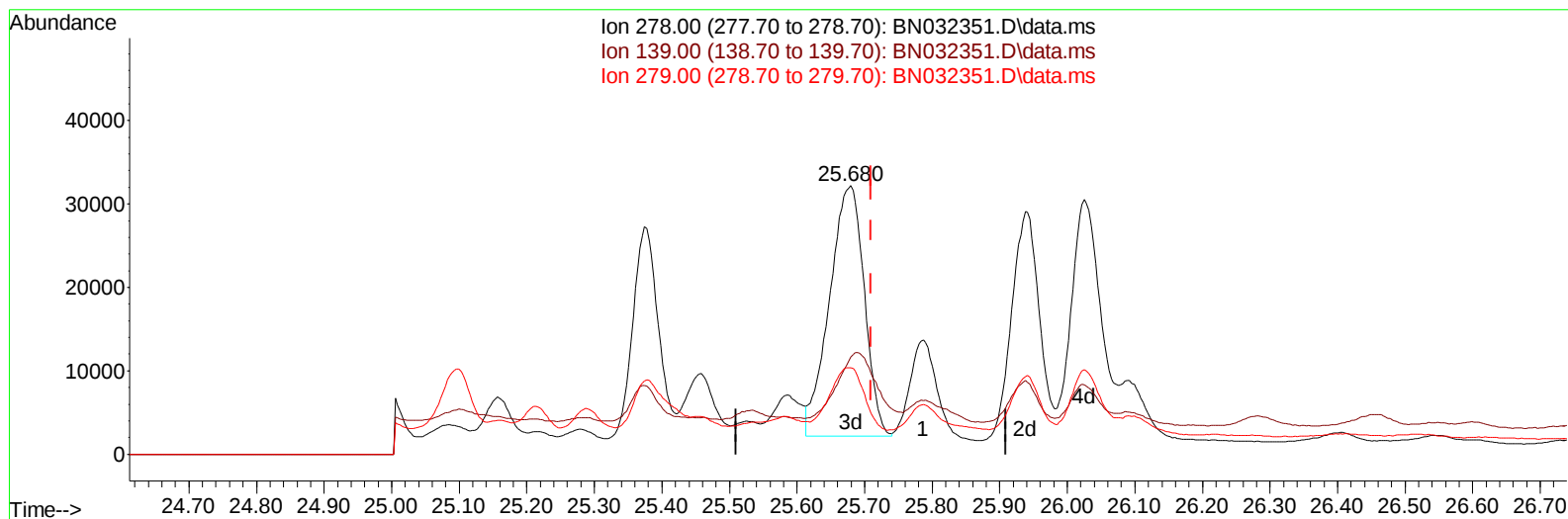
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

(28) Dibenzo(a,h)anthracene

25.680min (-0.030) 1.18 ng/ul m

response 107190

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	36.19#
279.00	26.40	32.29#
0.00	0.00	0.00

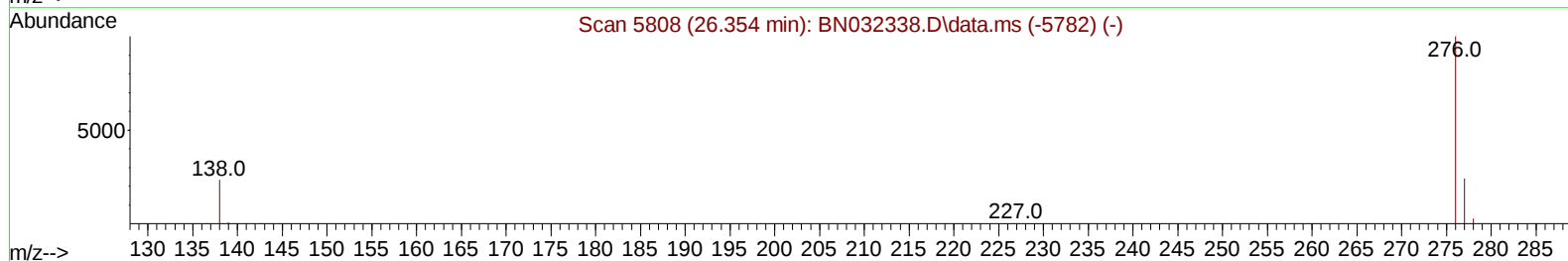
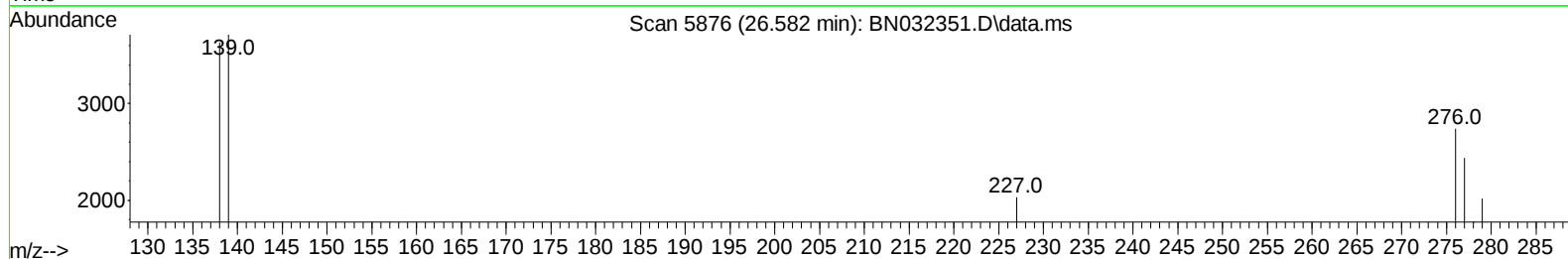
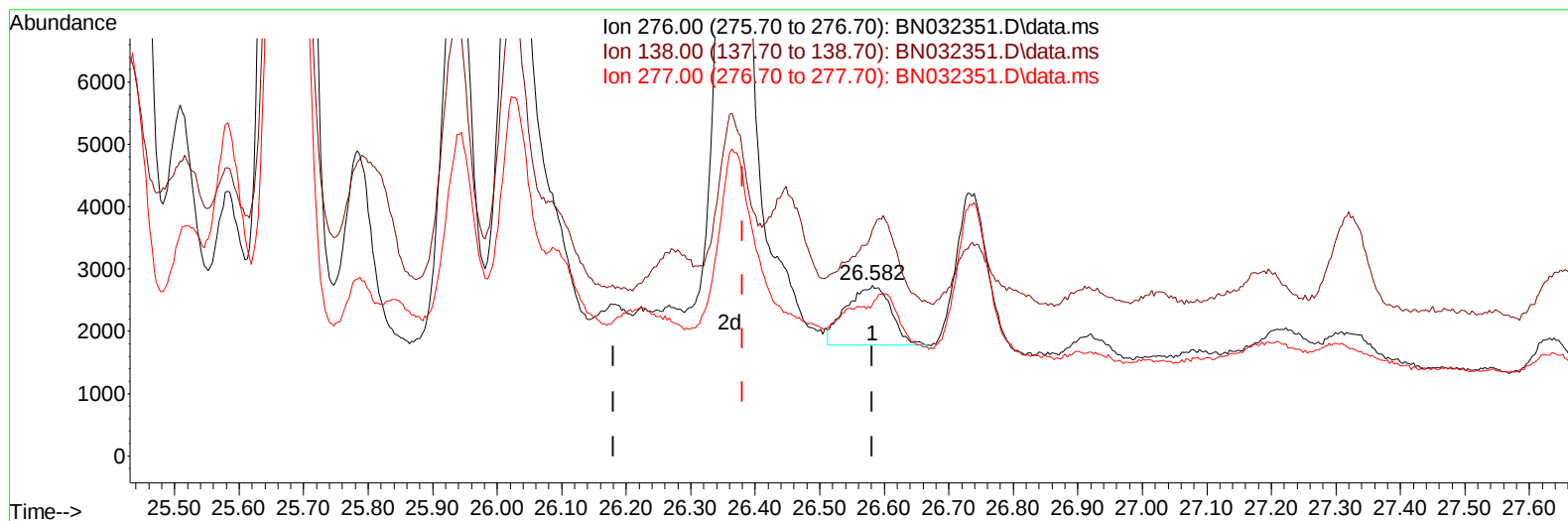
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

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

26.582min (+ 0.201) 0.05 ng/u1

response 4639

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	132.69#
277.00	24.70	89.01#
0.00	0.00	0.00

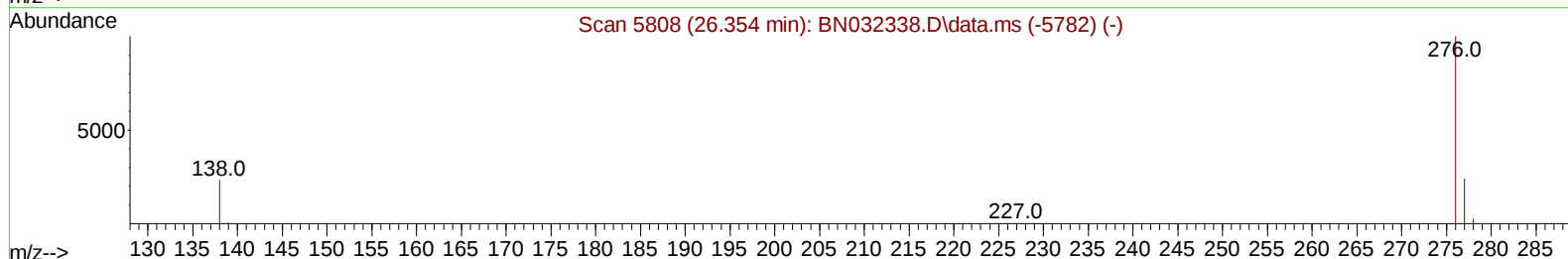
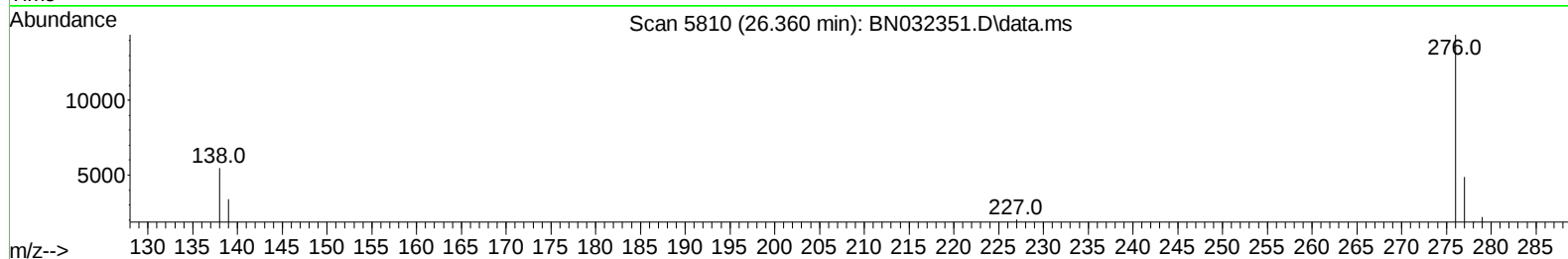
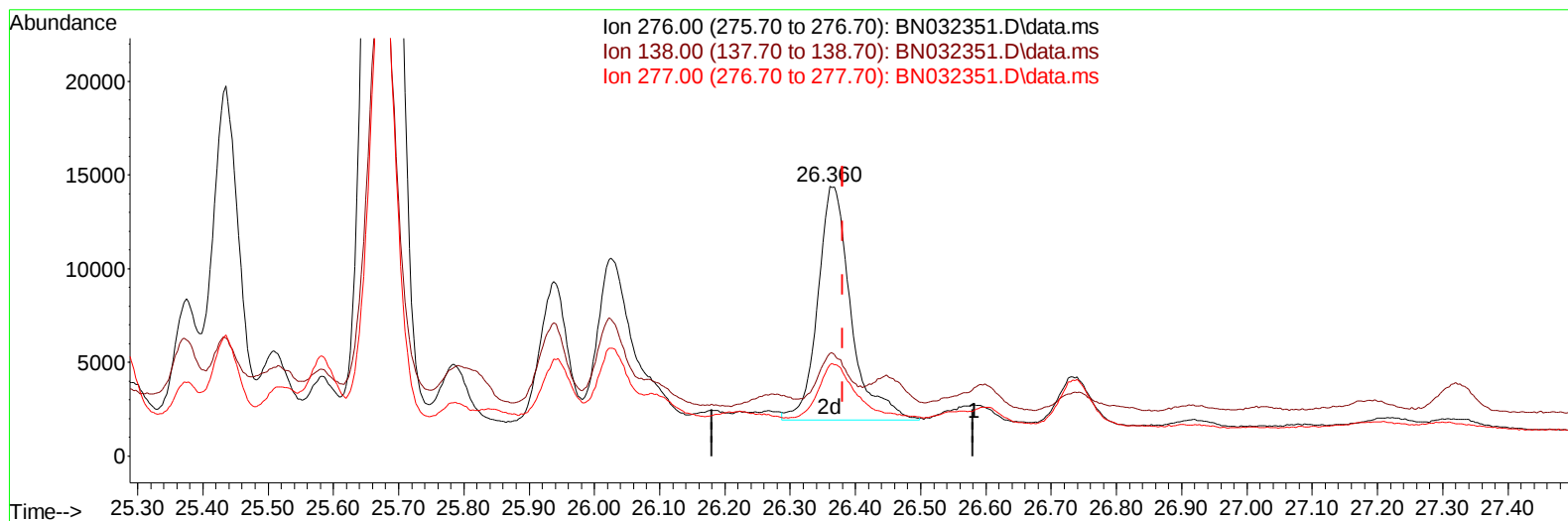
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:24 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032351.D\data.ms

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

26.360min (-0.020) 0.45 ng/ul m

response 44057

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	38.10#
277.00	24.70	33.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032351.D
 Acq On : 29 Jun 2024 14:40
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:05:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	10189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	31980	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	18098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	29195m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	19958m	0.400	ng/ul	0.00
23) Perylene-d12	23.435	264	25892m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	35678	3.150	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10831	0.226	ng/ul	-0.02
18) Fluoranthene-d10	19.050	212	15414m	0.257	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	67547	0.798	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	22398	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	11861	0.204	ng/ul	98
10) Acenaphthylene	13.980	152	69797	0.927	ng/ul	99
11) Acenaphthene	14.322	153	15692	0.269	ng/ul	99
12) Fluorene	15.312	166	22709	0.326	ng/ul#	98
15) Phenanthrene	17.054	178	454121m	5.674	ng/ul	
16) Anthracene	17.143	178	113090m	1.584	ng/ul	
19) Fluoranthene	19.078	202	778494m	10.244	ng/ul	
20) Pyrene	19.445	202	566666m	7.135	ng/ul	
21) Benzo(a)anthracene	21.200	228	430093m	5.971	ng/ul	
22) Chrysene	21.252	228	522739m	6.612	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	718719m	6.389	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	230196m	2.106	ng/ul	
26) Benzo(a)pyrene	23.339	252	245096m	3.132	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.676	276	278279m	2.271	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	107190m	1.177	ng/ul	
29) Benzo(g,h,i)perylene	26.360	276	44057m	0.451	ng/ul	

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

