

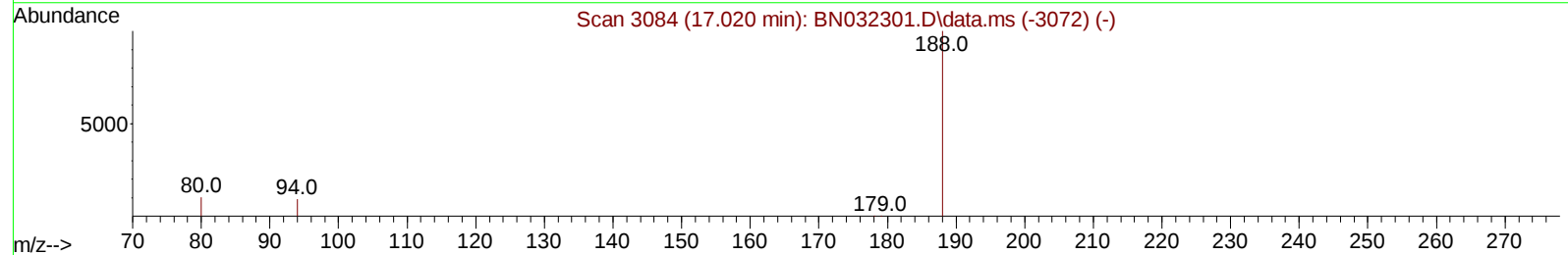
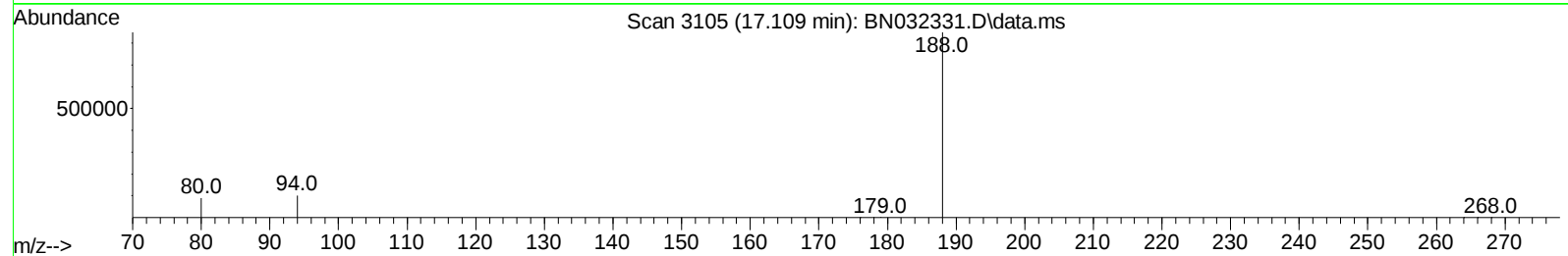
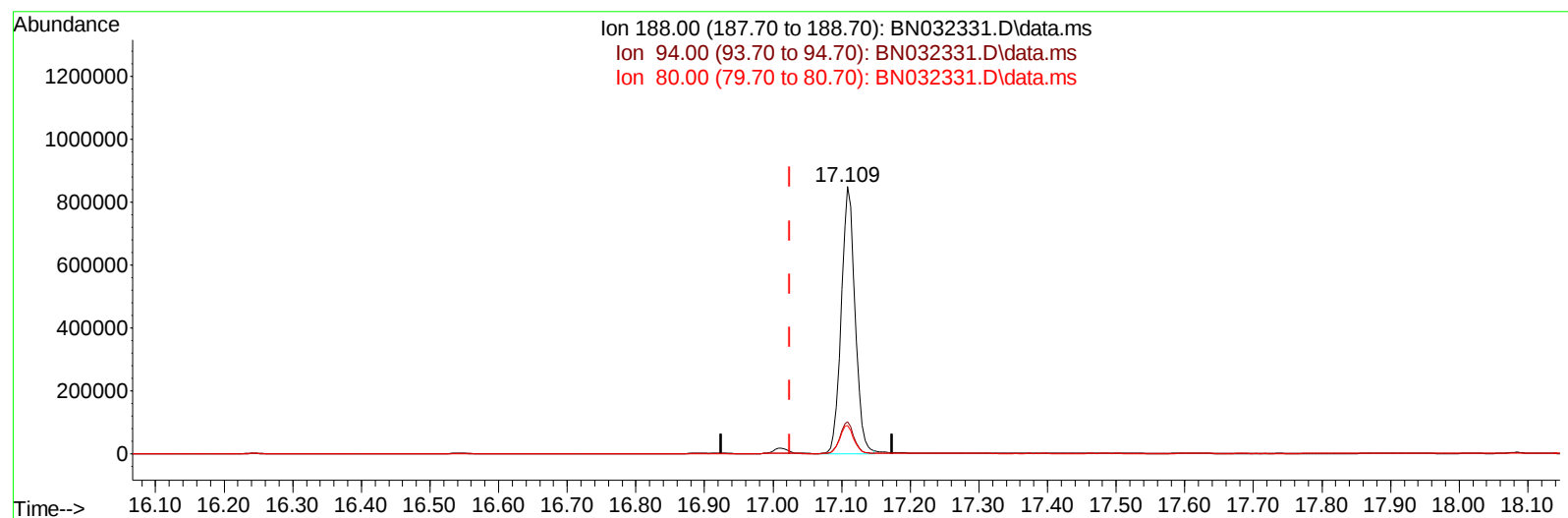
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1195882

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.92
80.00	10.50	10.54
0.00	0.00	0.00

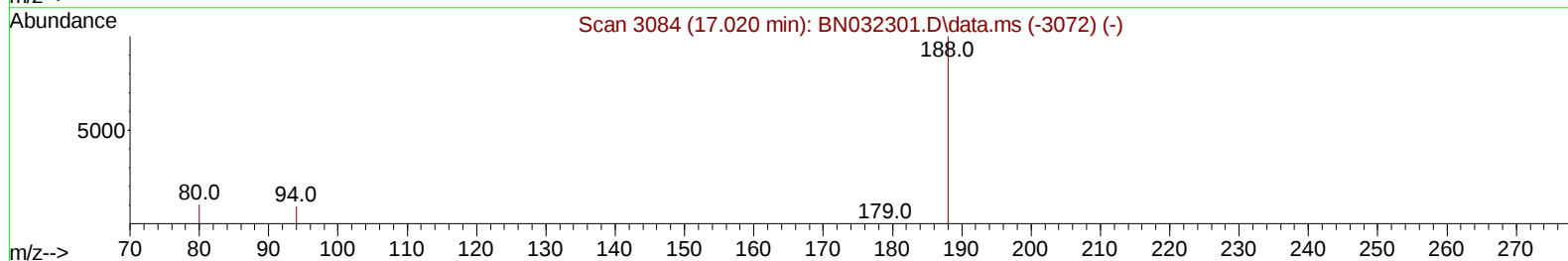
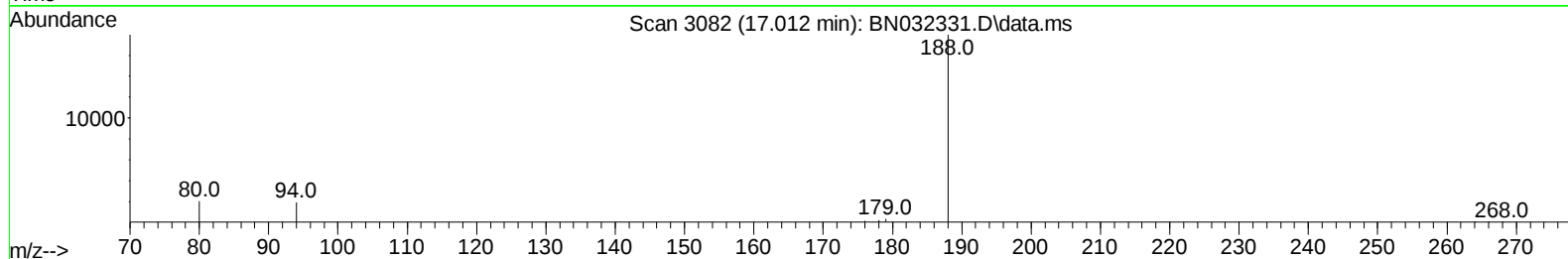
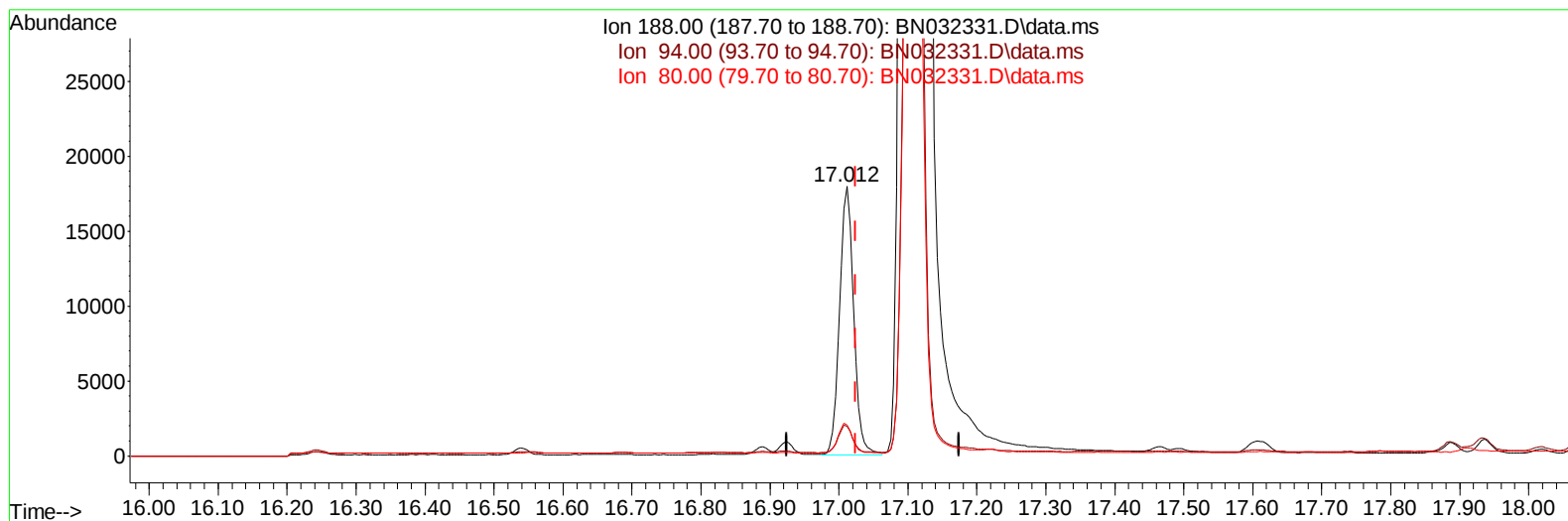
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/ul m

response 25340

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.90
80.00	10.50	11.48
0.00	0.00	0.00

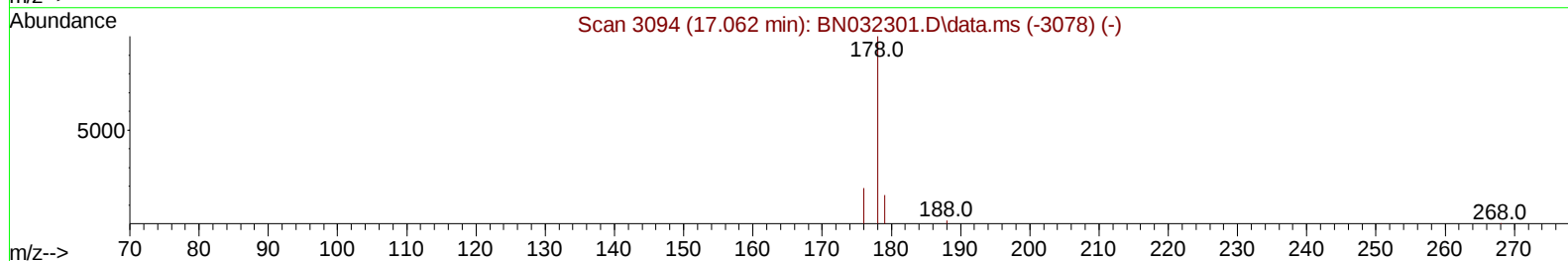
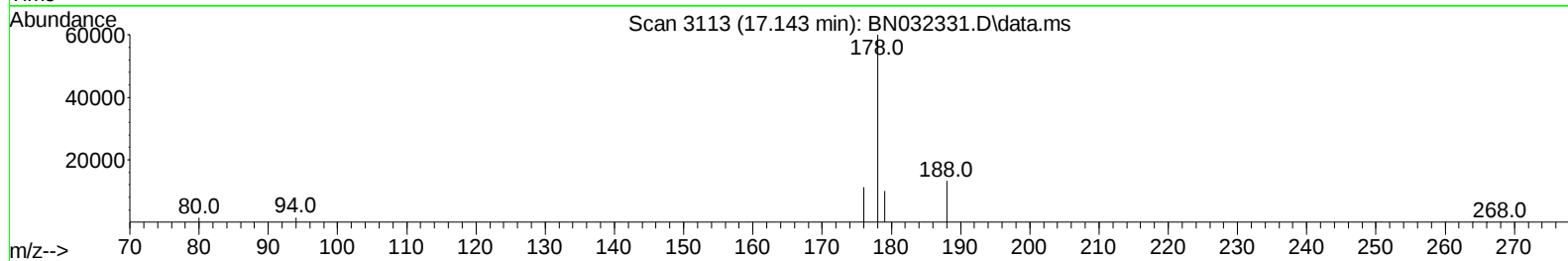
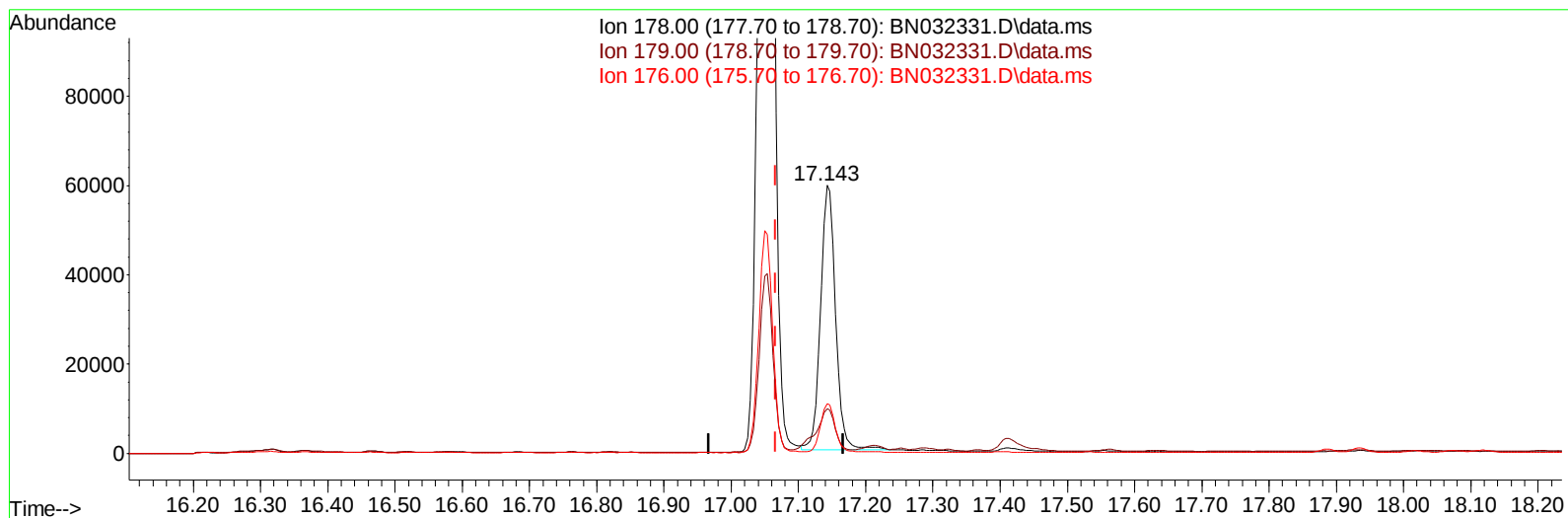
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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TIC: BN032331.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 1.32 ng/u1

response 91766

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.61
176.00	19.50	18.58
0.00	0.00	0.00

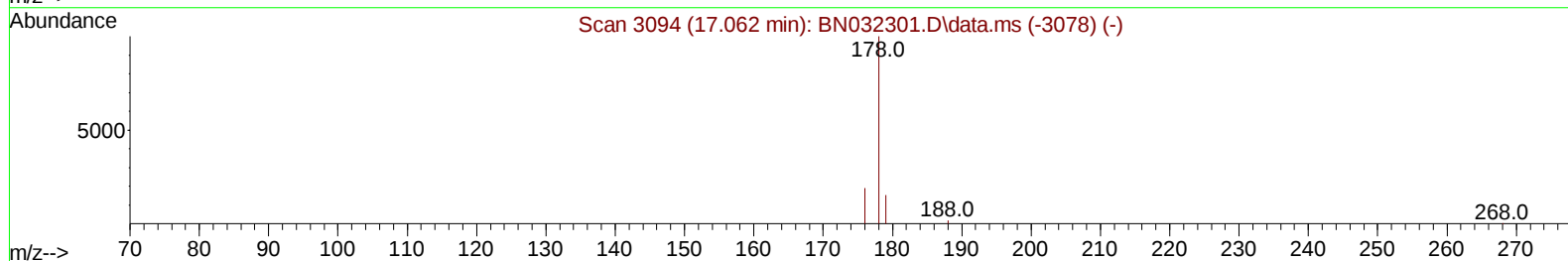
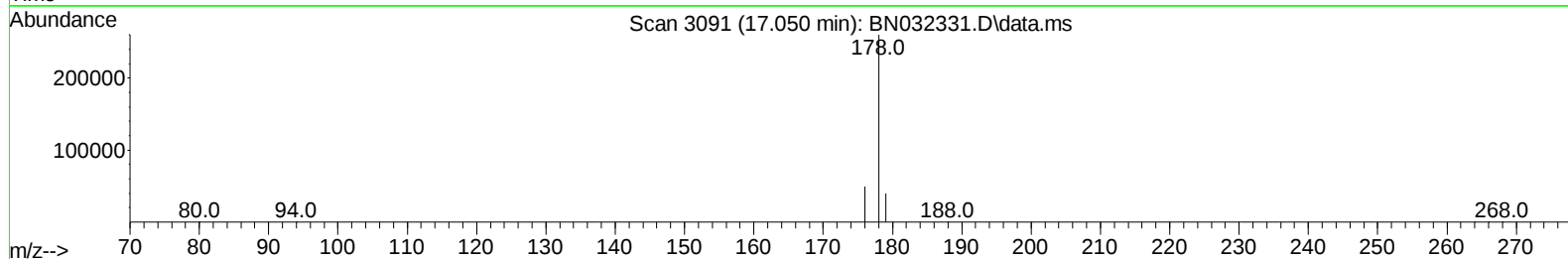
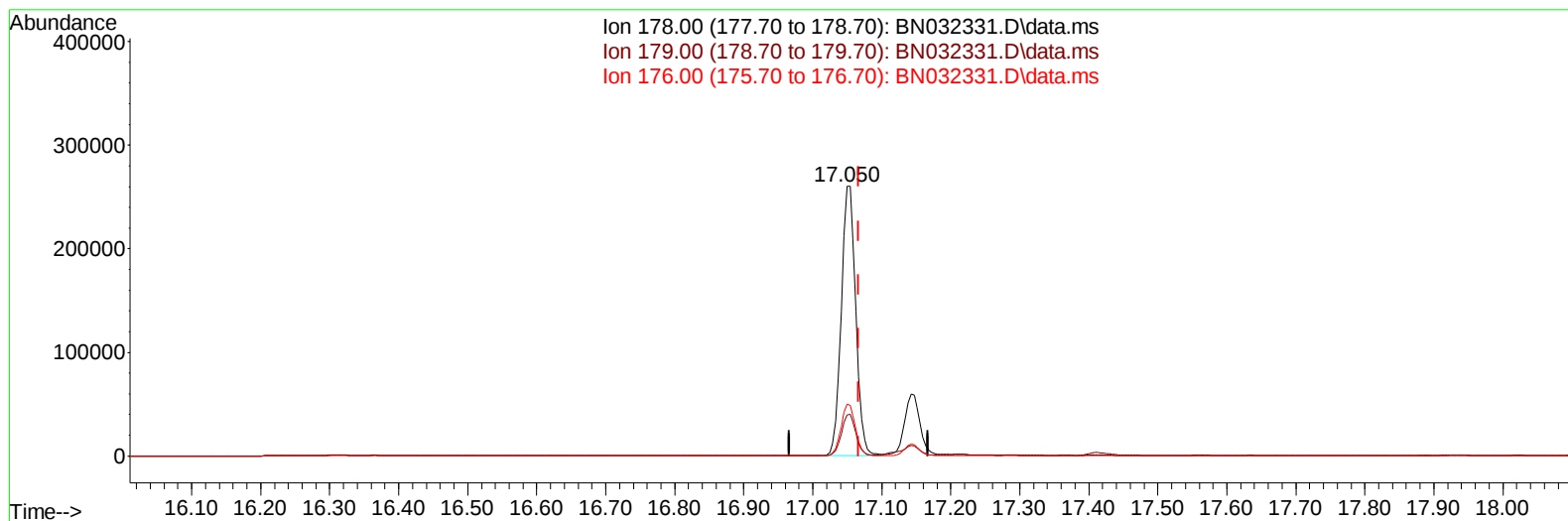
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(15) Phenanthrene

17.050min (-0.017) 5.43 ng/u1 m

response 377063

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.25
176.00	19.50	19.16
0.00	0.00	0.00

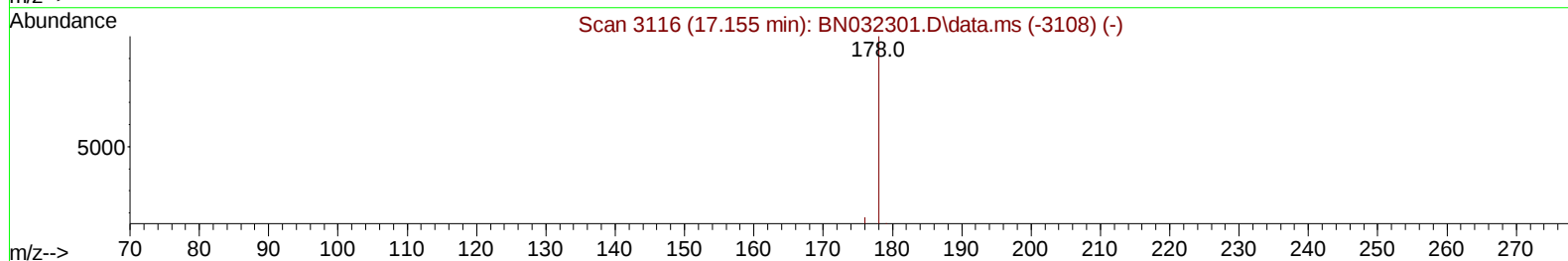
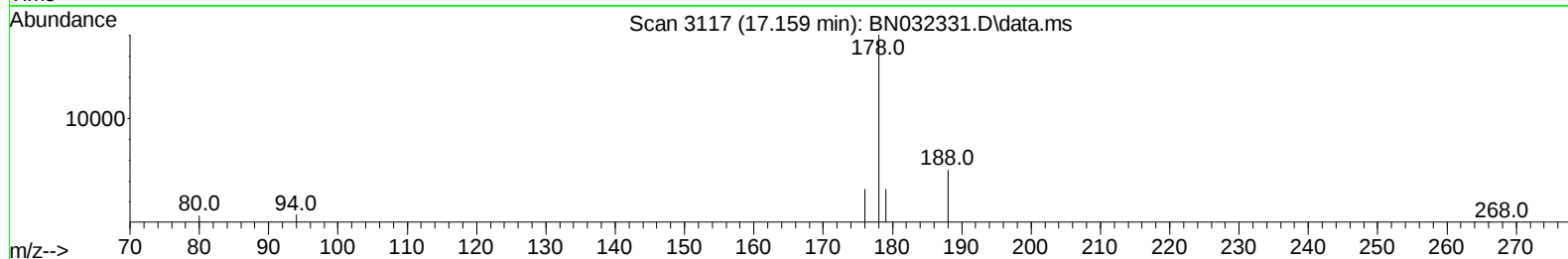
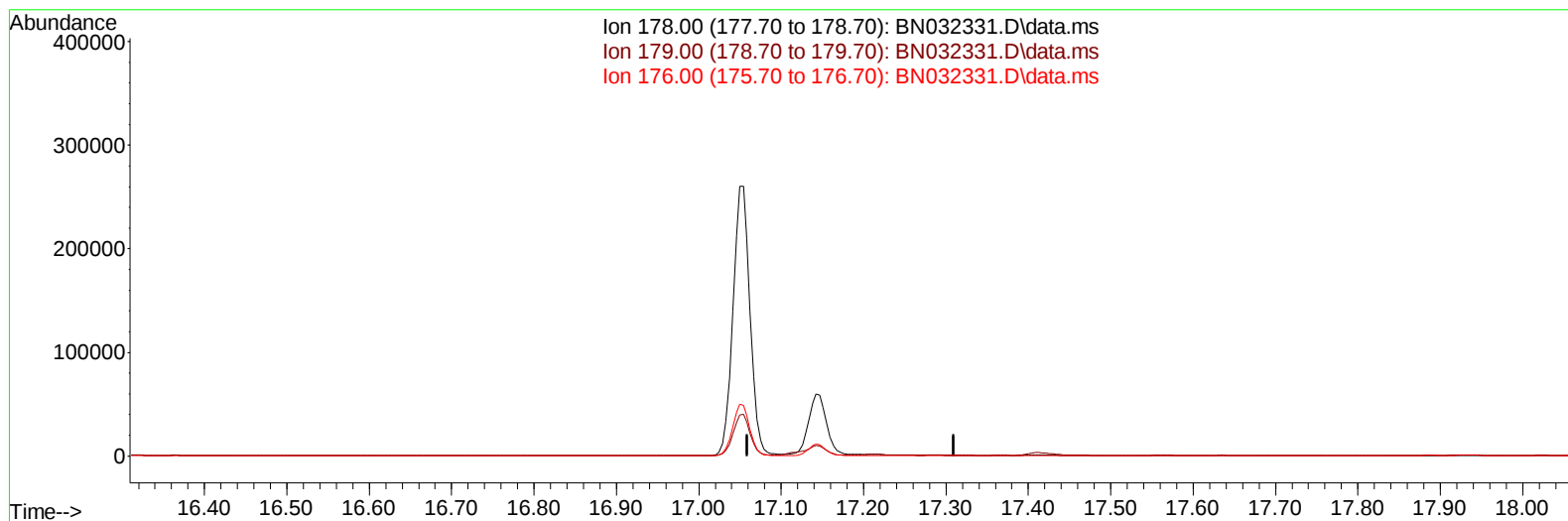
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:59:04 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: BN032331.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/u1

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

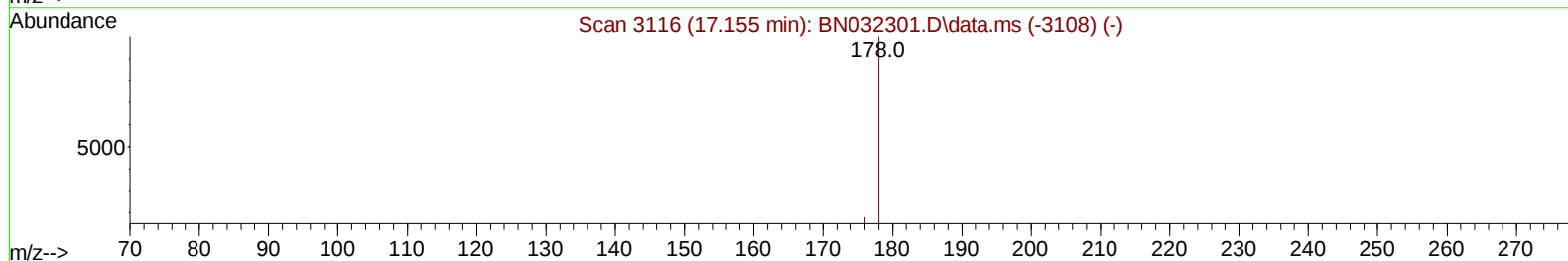
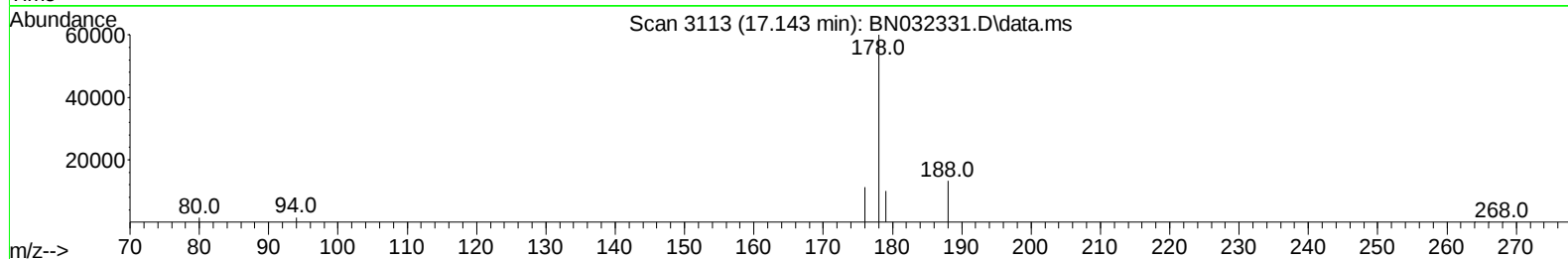
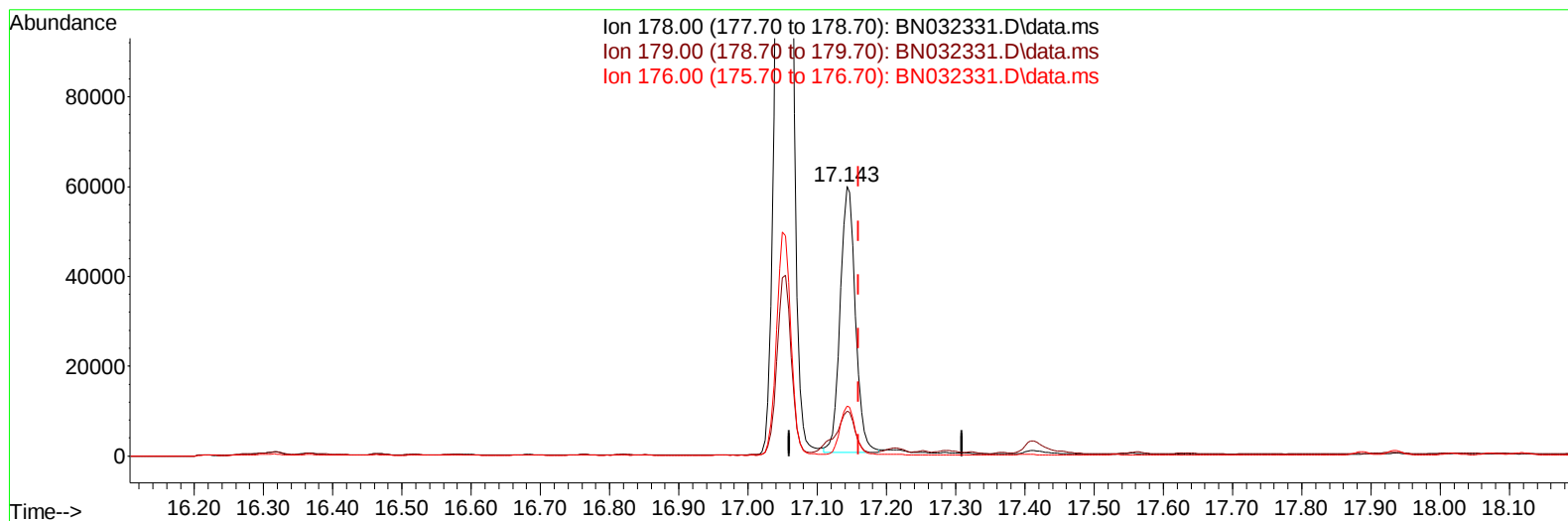
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(16) Anthracene

17.143min (-0.017) 1.46 ng/ul m

response 90451

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.61
176.00	18.80	18.58
0.00	0.00	0.00

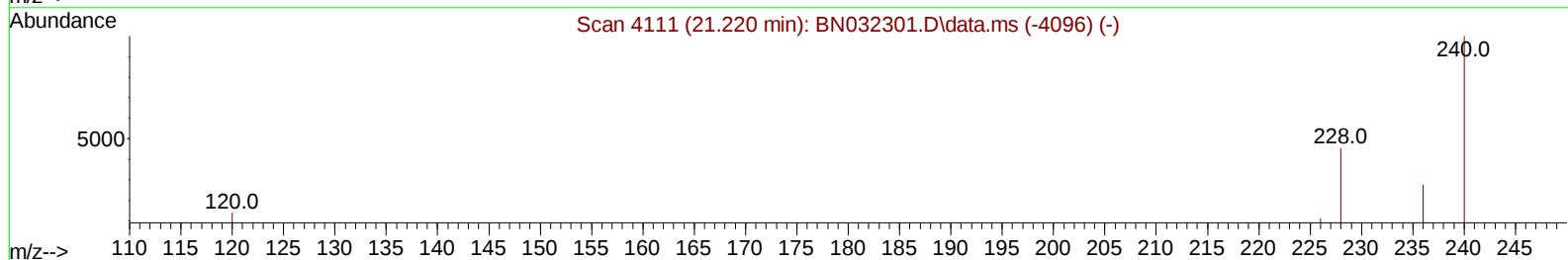
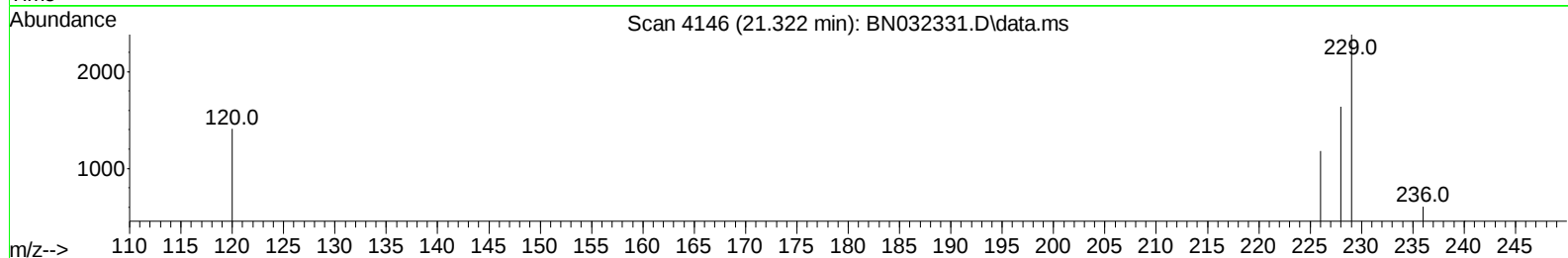
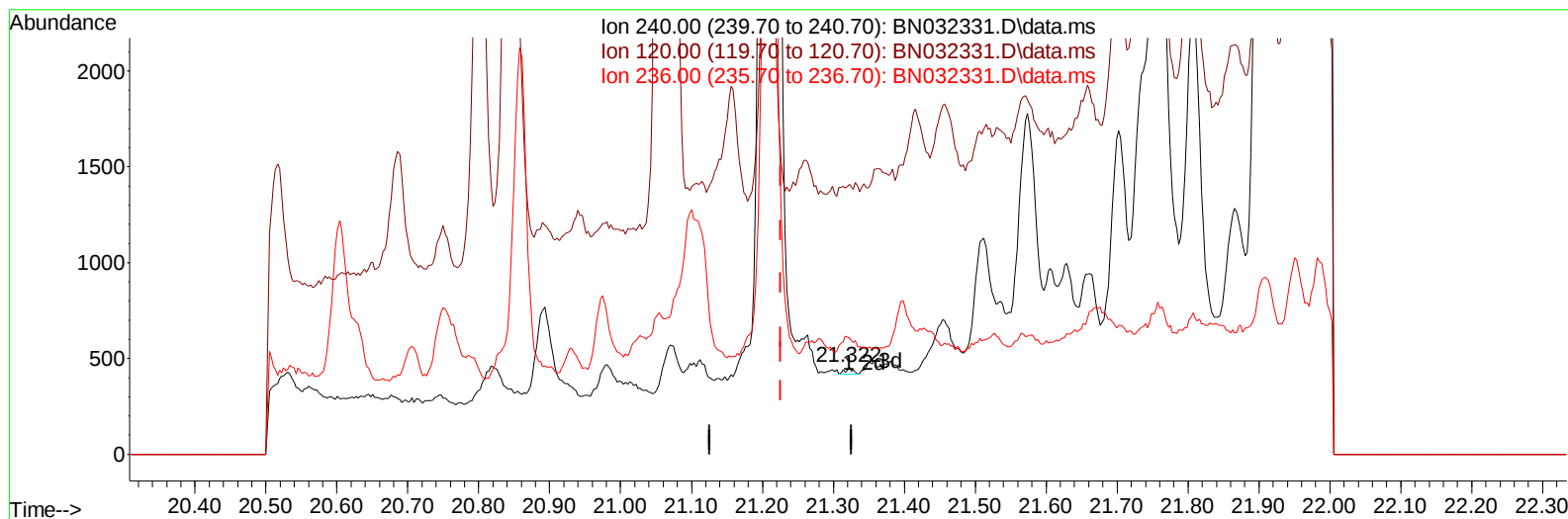
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032331.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.096) 0.40 ng/u1

response 26

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	309.45#
236.00	28.40	133.63#
0.00	0.00	0.00

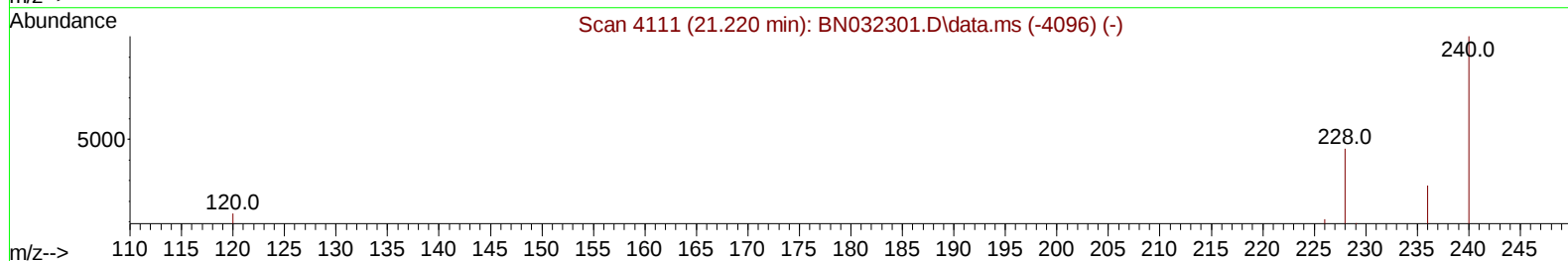
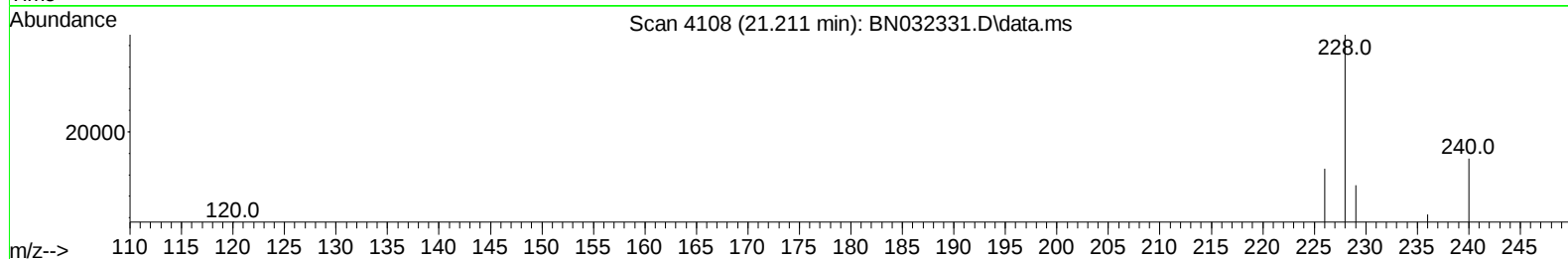
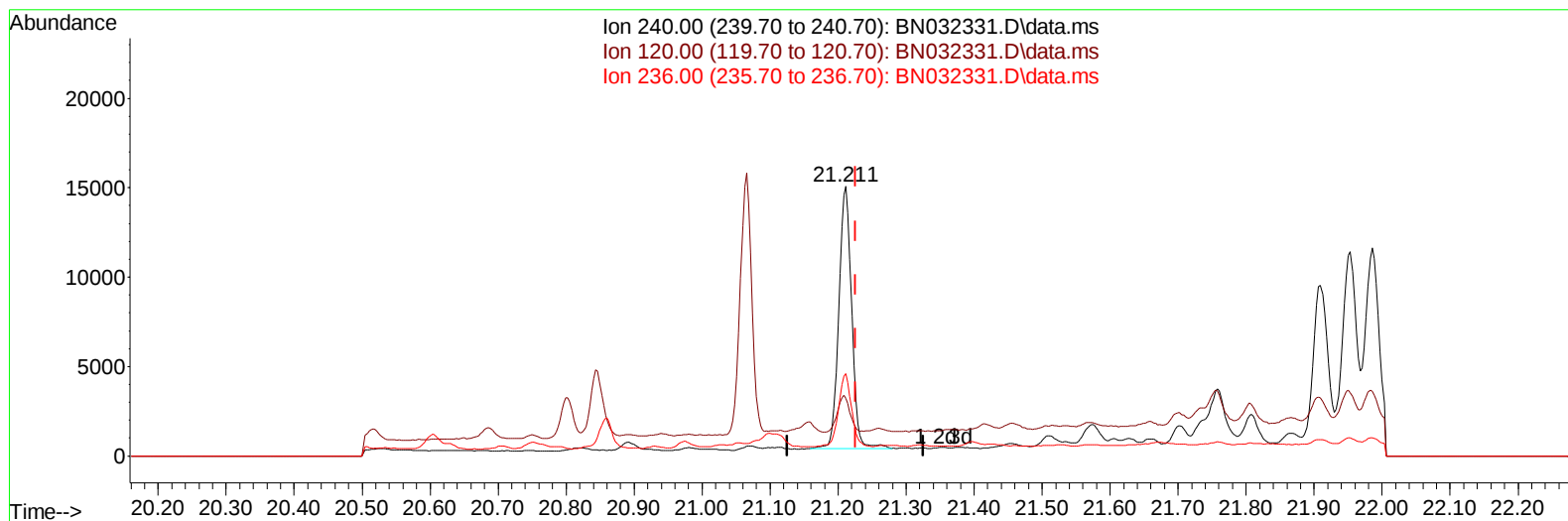
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(17) Chrysene-d12

21.211min (-0.015) 0.40 ng/ul m

response 19456

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	21.28#
236.00	28.40	30.45
0.00	0.00	0.00

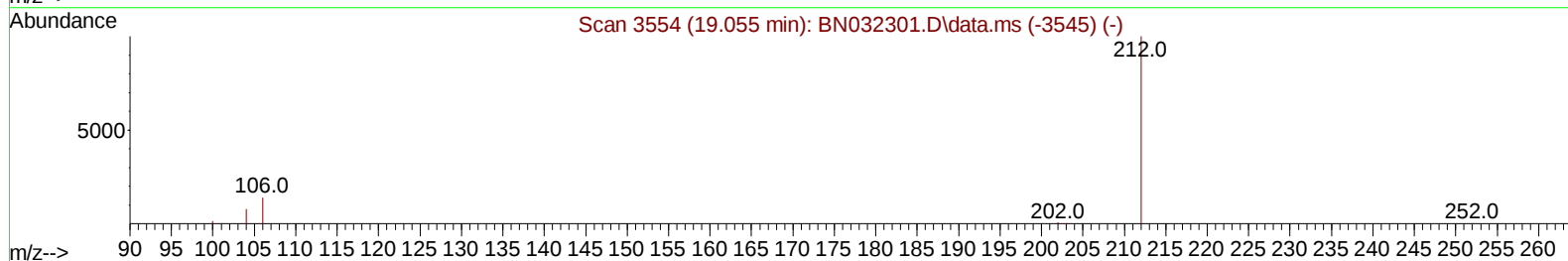
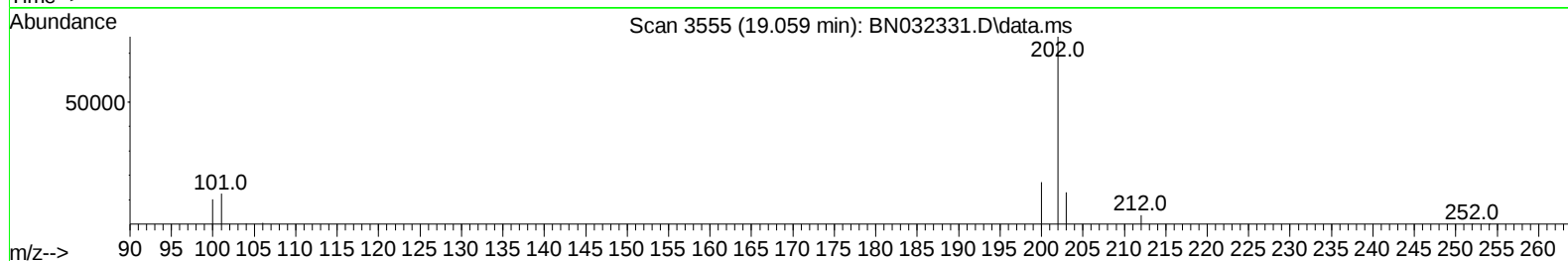
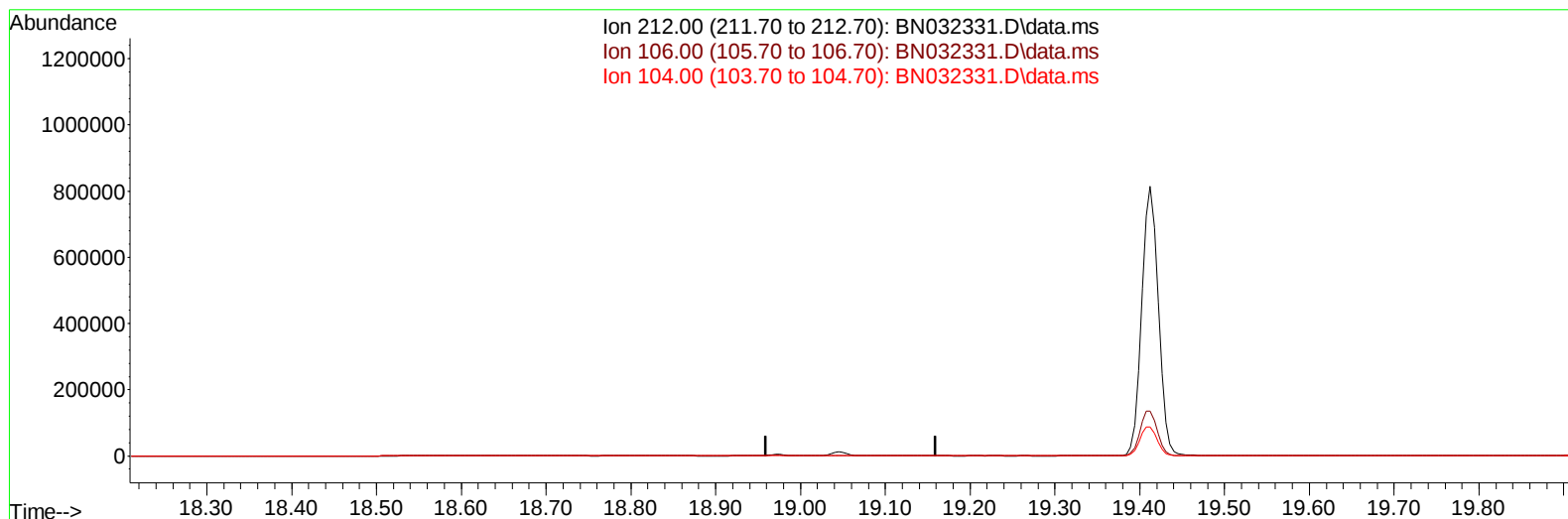
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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TIC: BN032331.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.059min (-19.059) 0.00 ng/u1

response 0

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

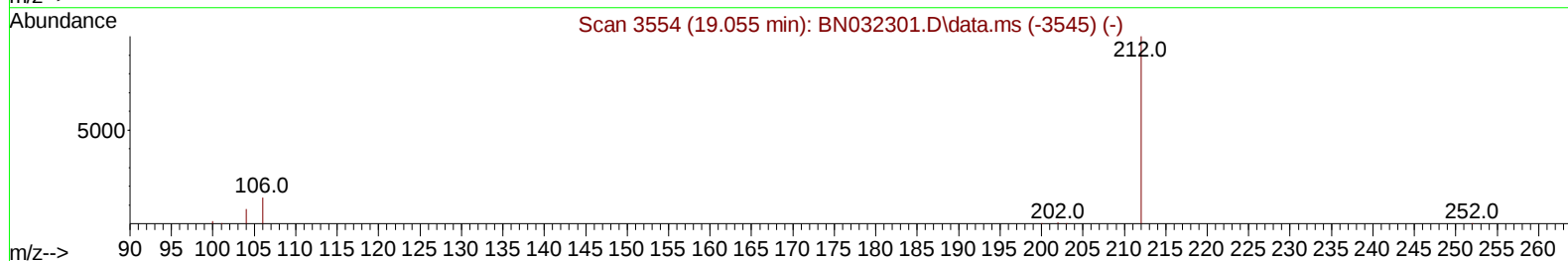
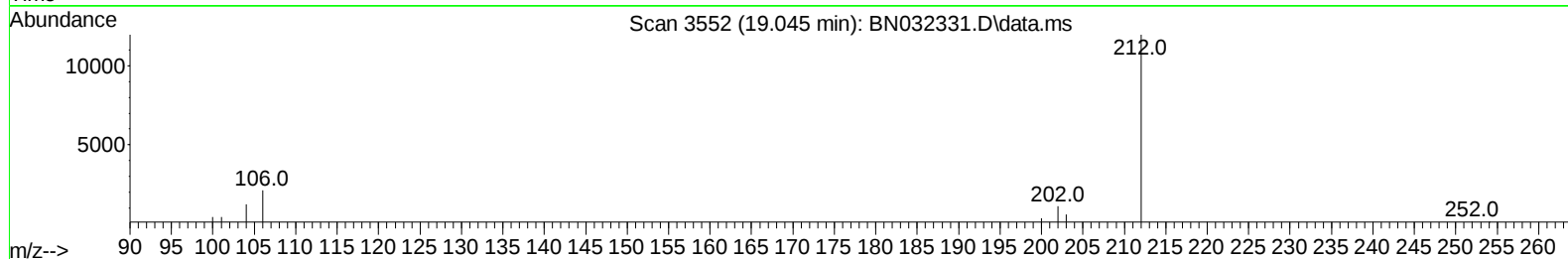
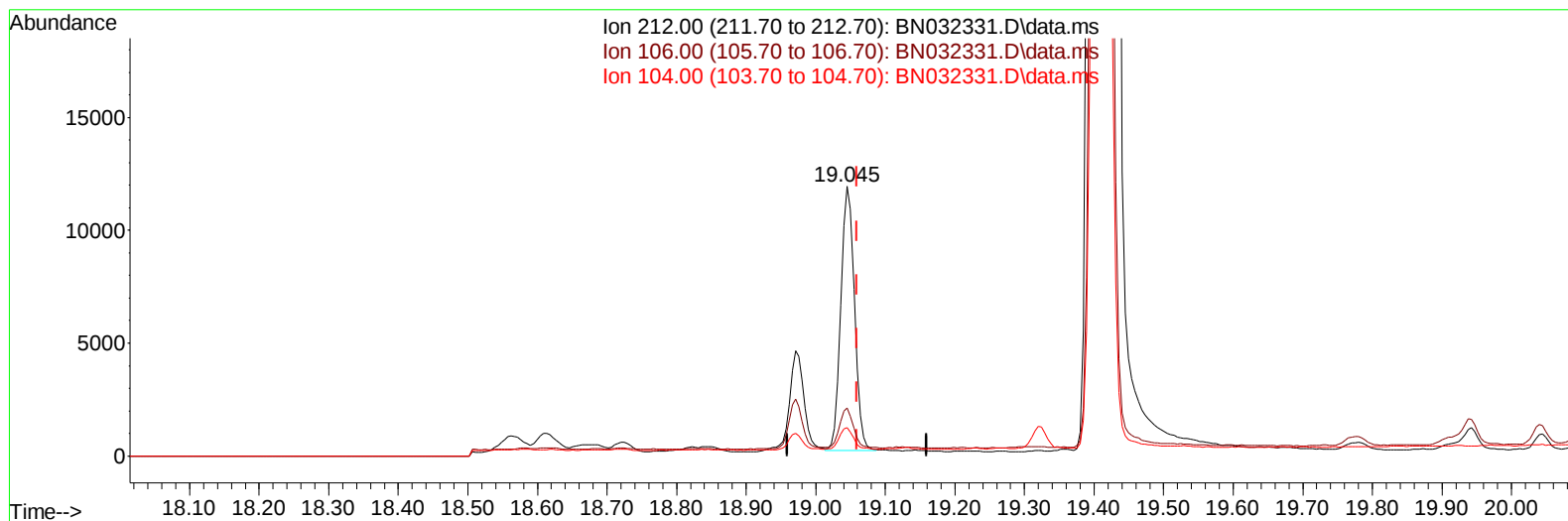
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032331.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.27 ng/u1 m

response 15789

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

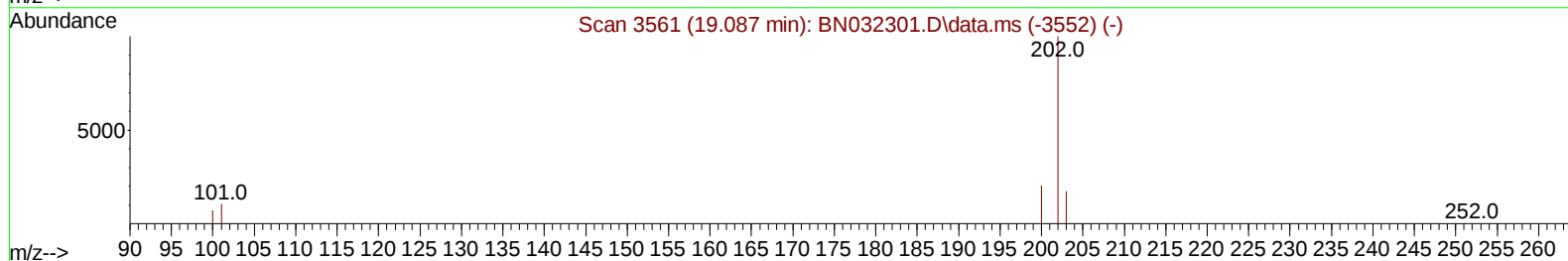
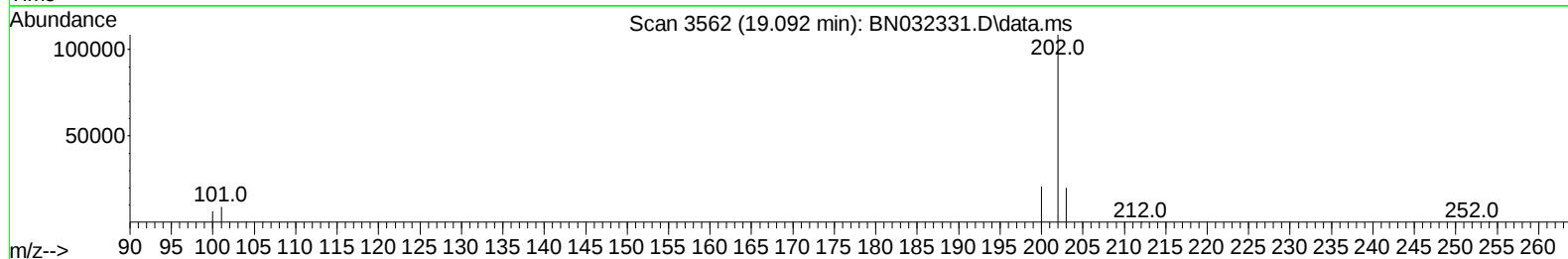
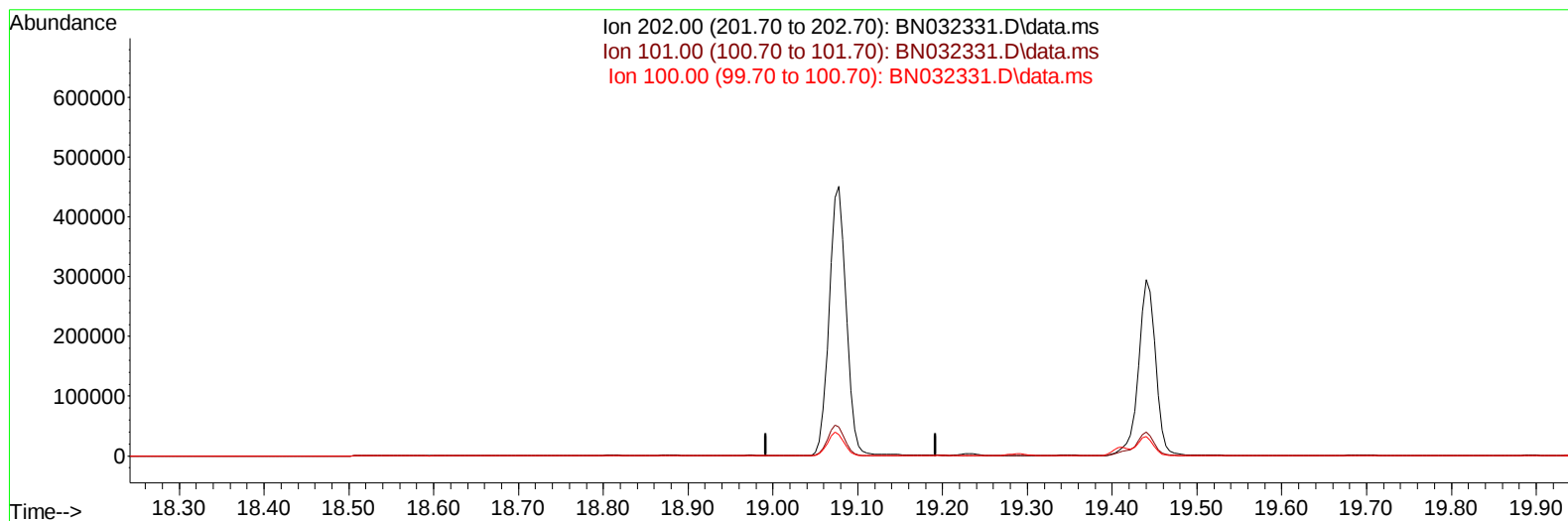
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(19) Fluoranthene (C)

19.092min (-19.092) 0.00 ng/u1

response 0

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

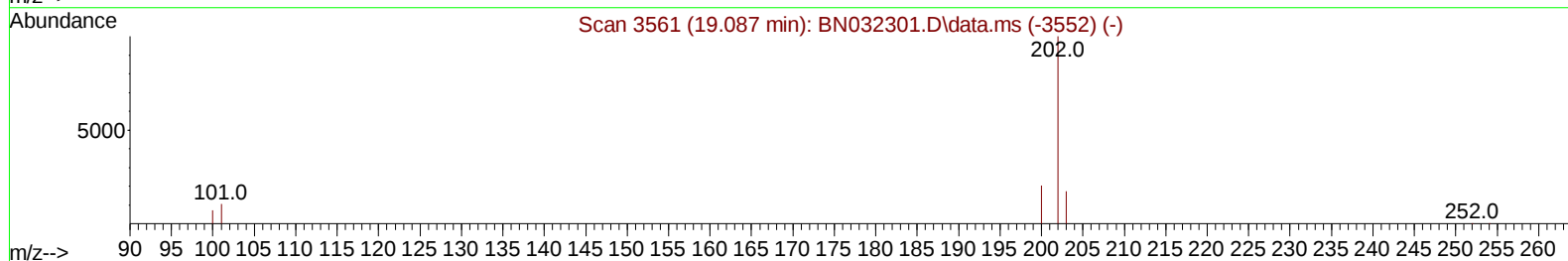
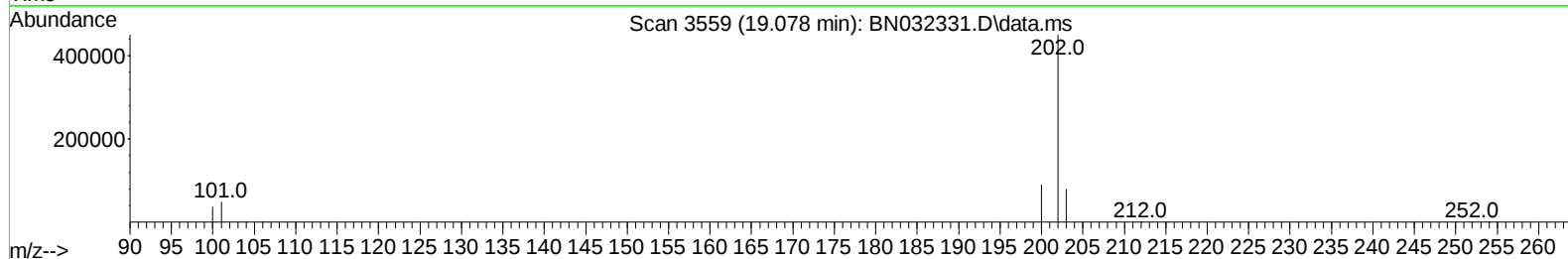
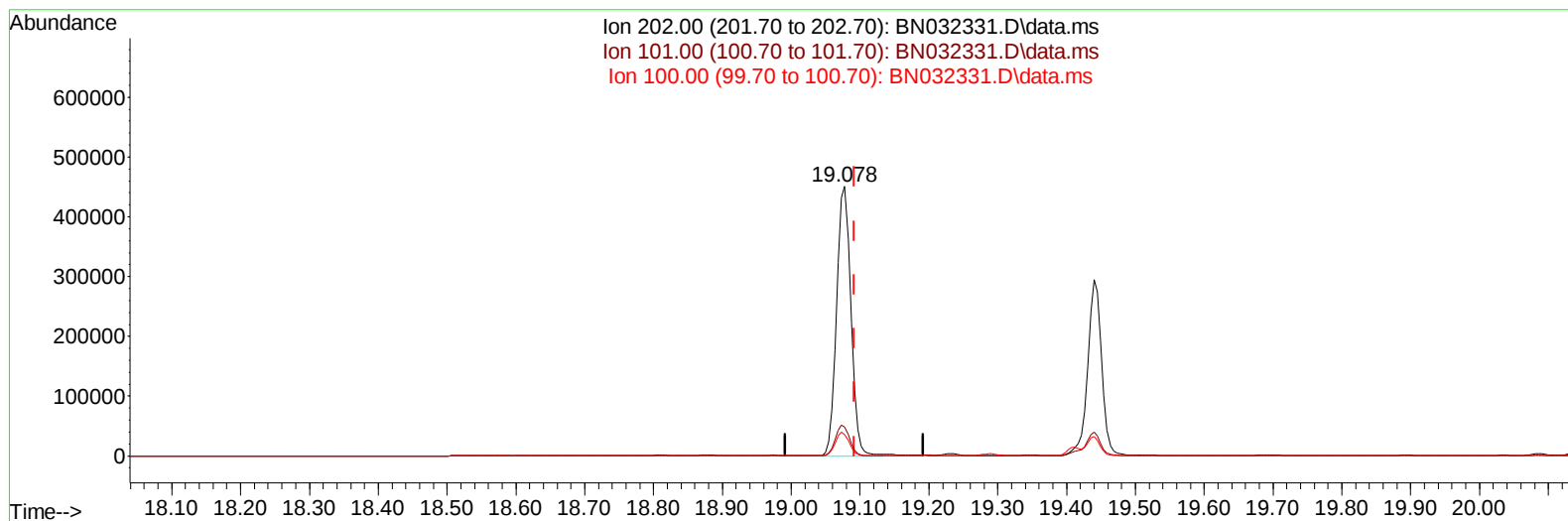
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 8.56 ng/u1 m

response 633918

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	10.82
100.00	8.00	8.03
0.00	0.00	0.00

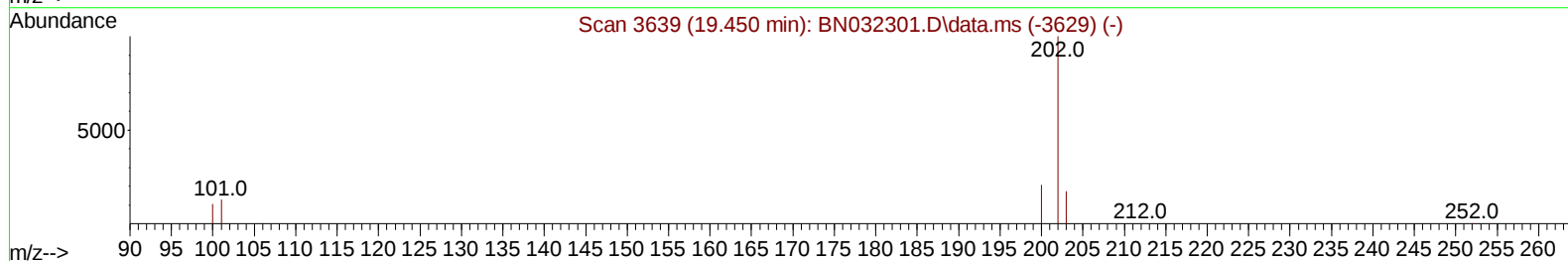
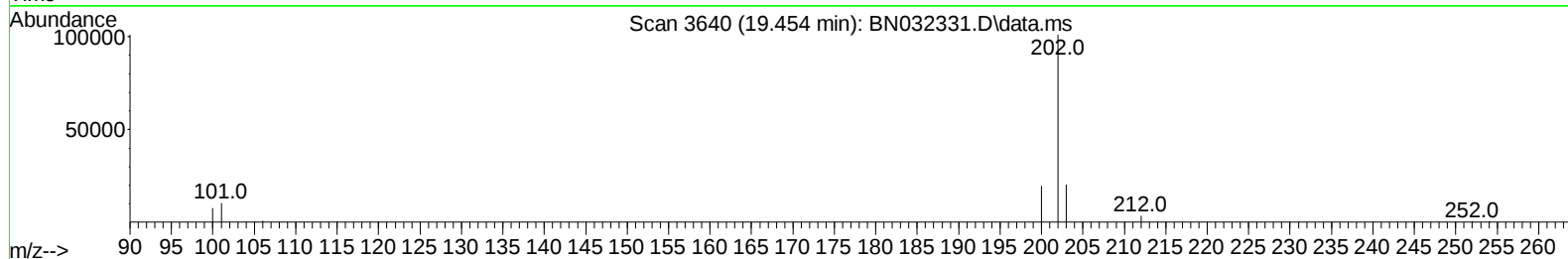
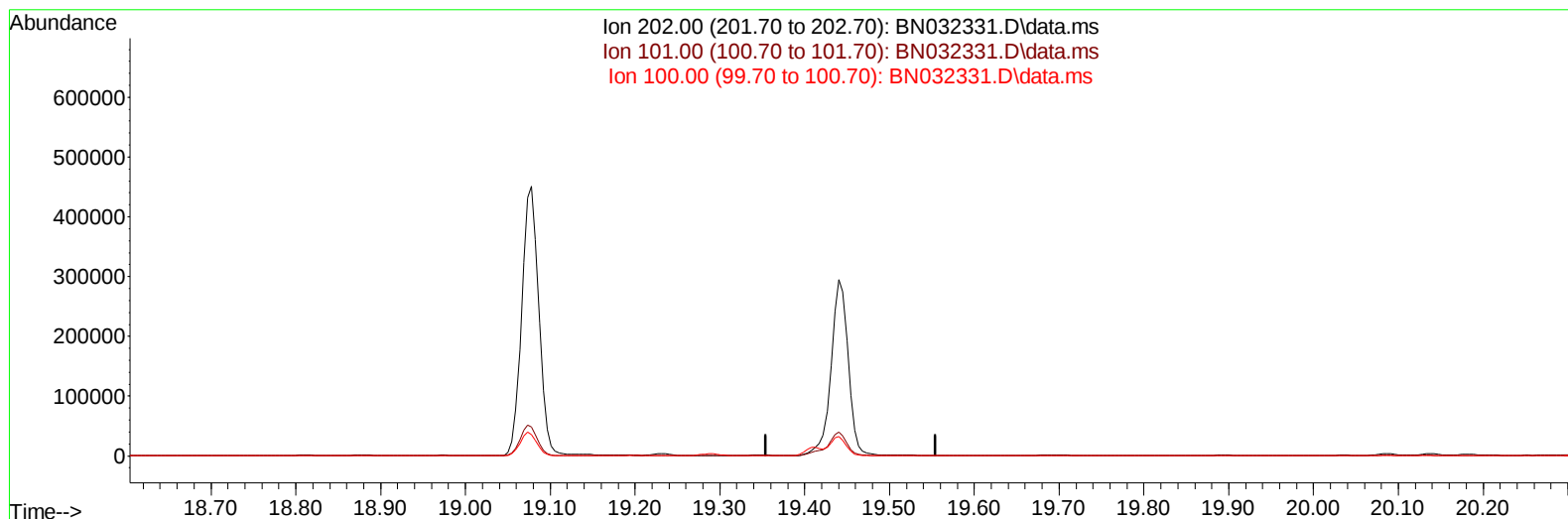
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.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

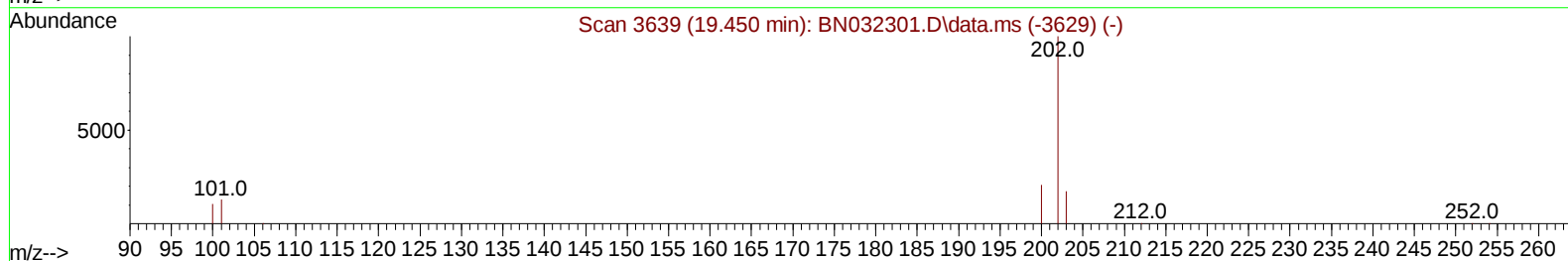
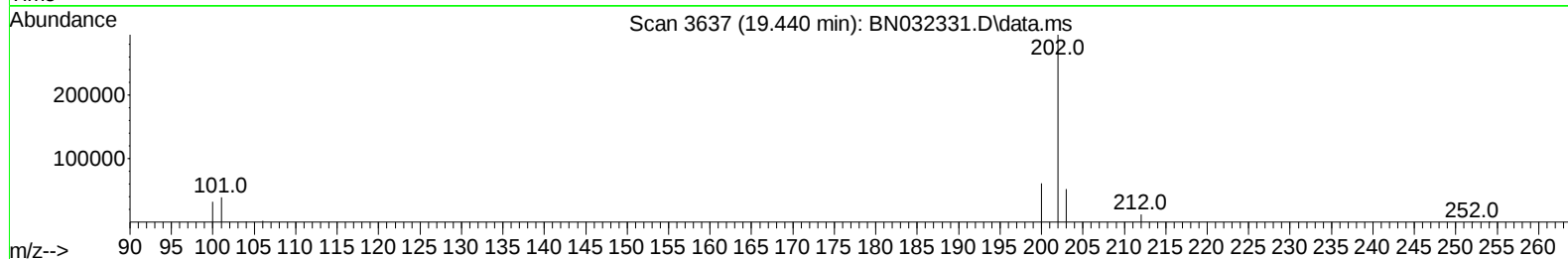
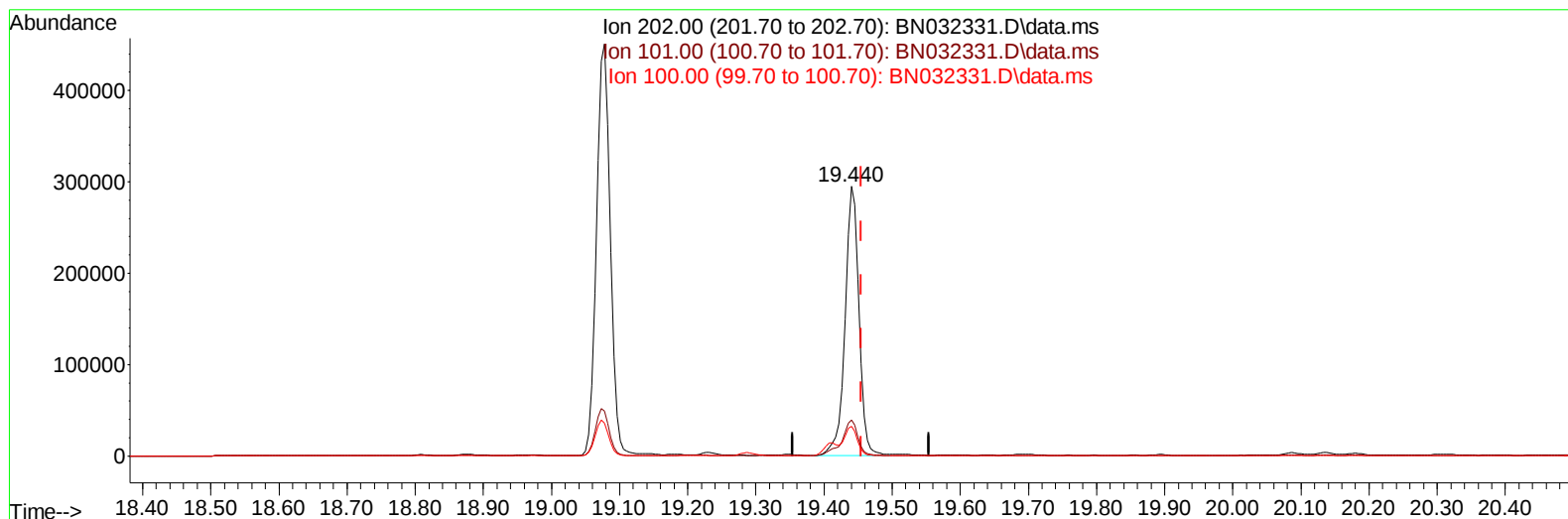
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(20) Pyrene

19.440min (-0.014) 5.40 ng/u1 m

response 418020

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.38
100.00	10.90	10.91
0.00	0.00	0.00

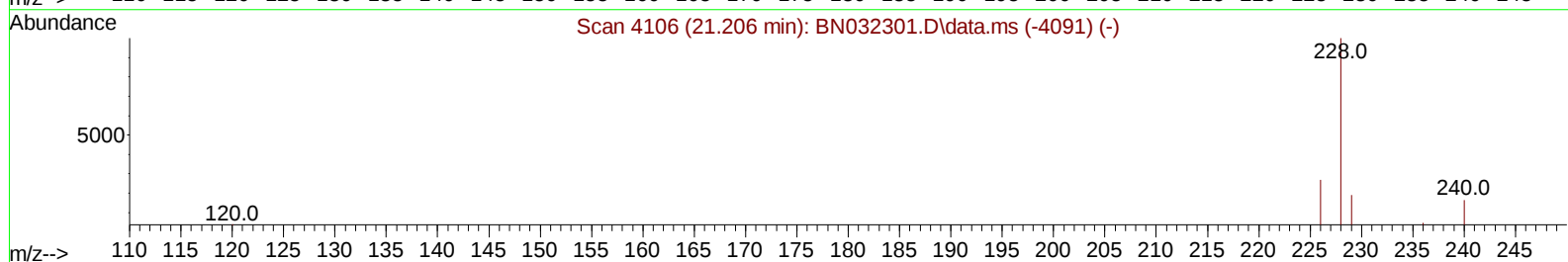
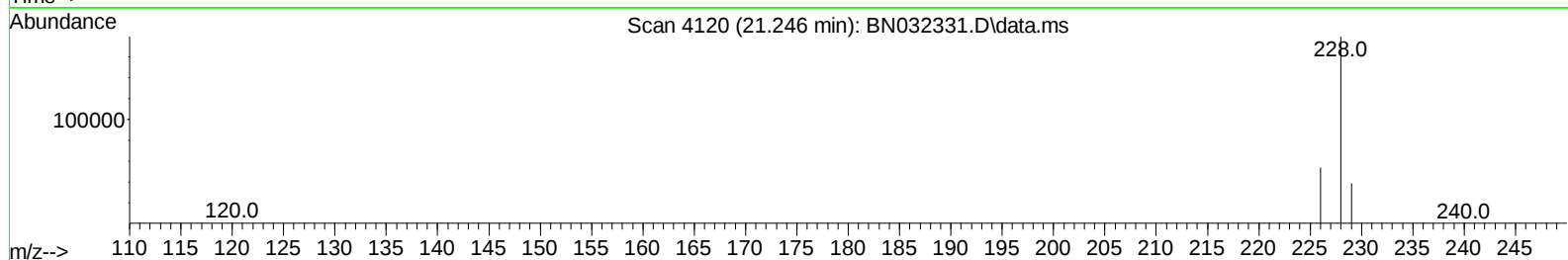
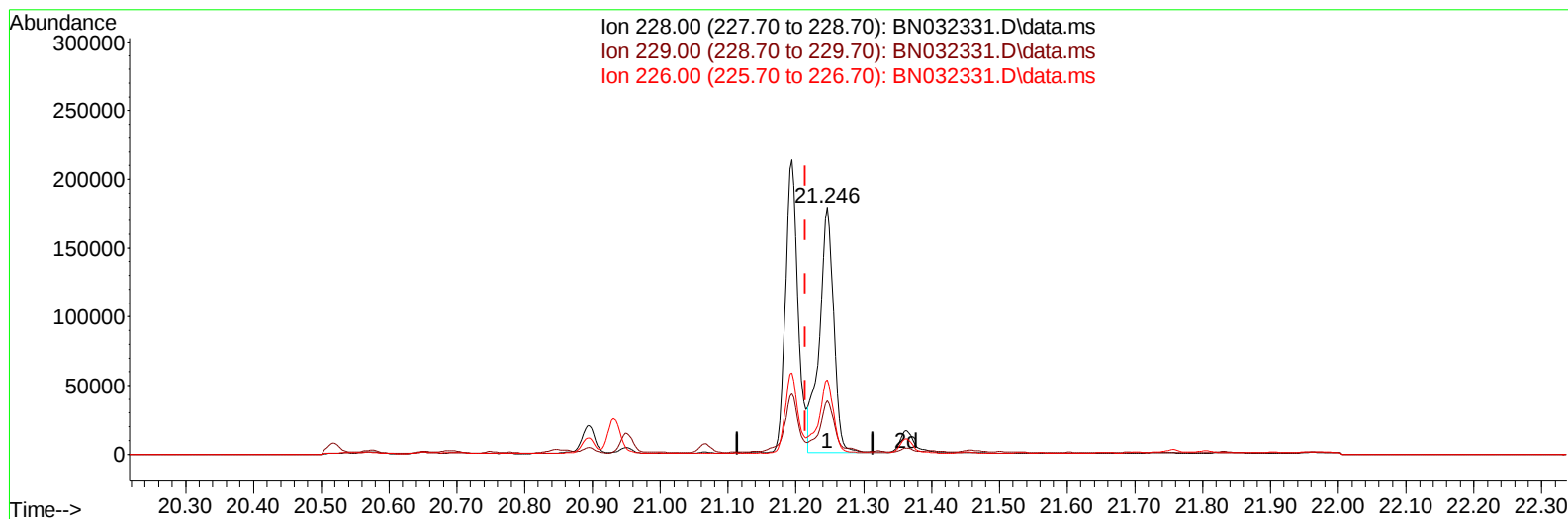
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(21) Benzo(a)anthracene

21.246min (+ 0.032) 3.76 ng/u1

response 264029

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.69
226.00	27.30	30.03
0.00	0.00	0.00

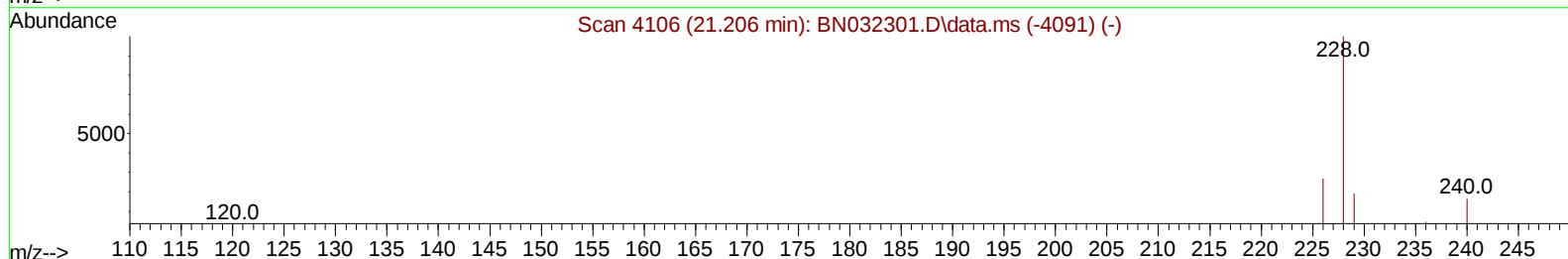
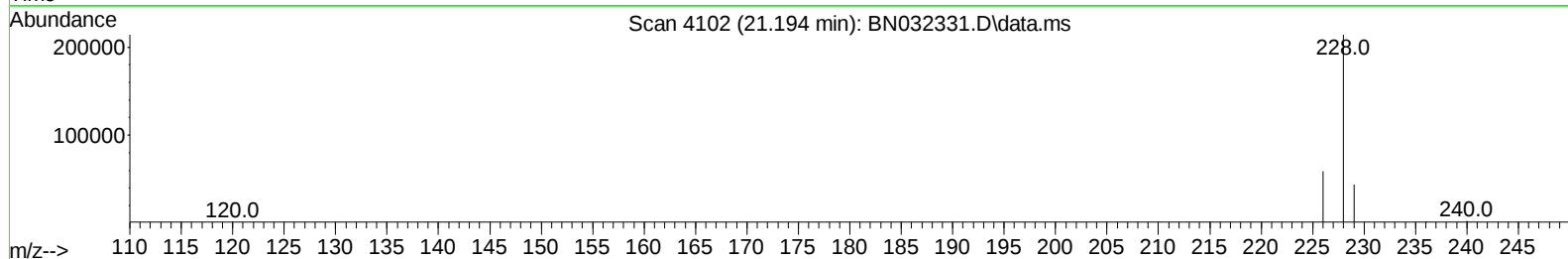
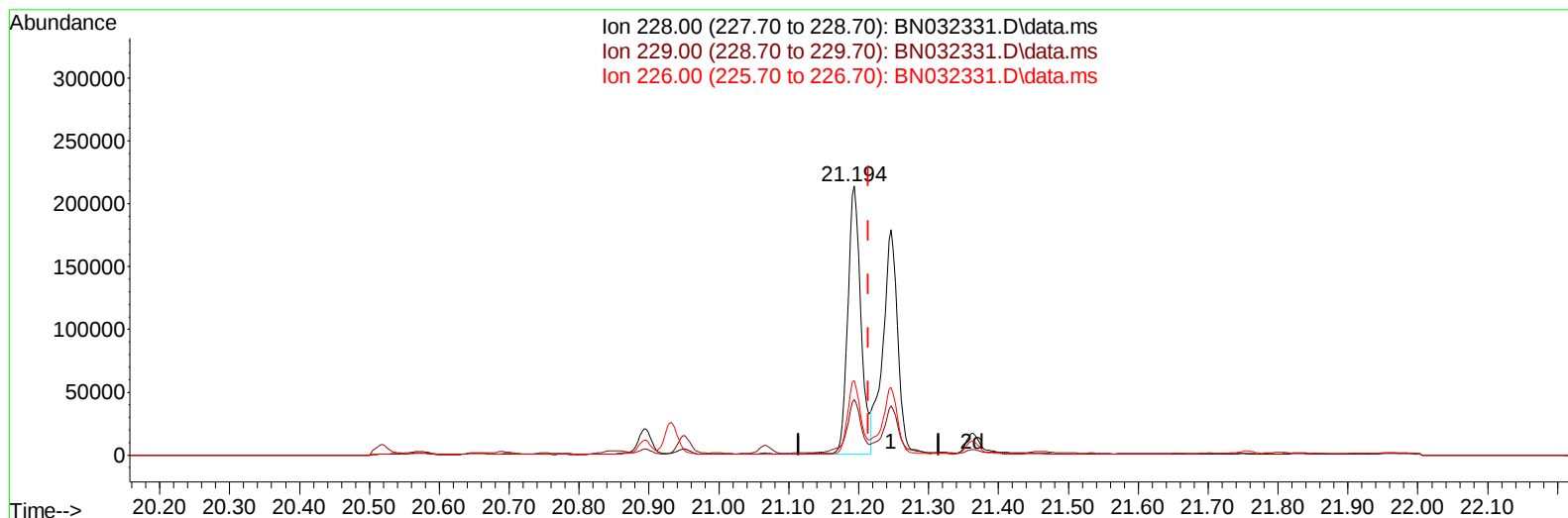
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:59:04 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: BN032331.D\data.ms

(21) Benzo(a)anthracene

21.194min (-0.021) 3.96 ng/u1 m

response 278300

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.61
226.00	27.30	27.63
0.00	0.00	0.00

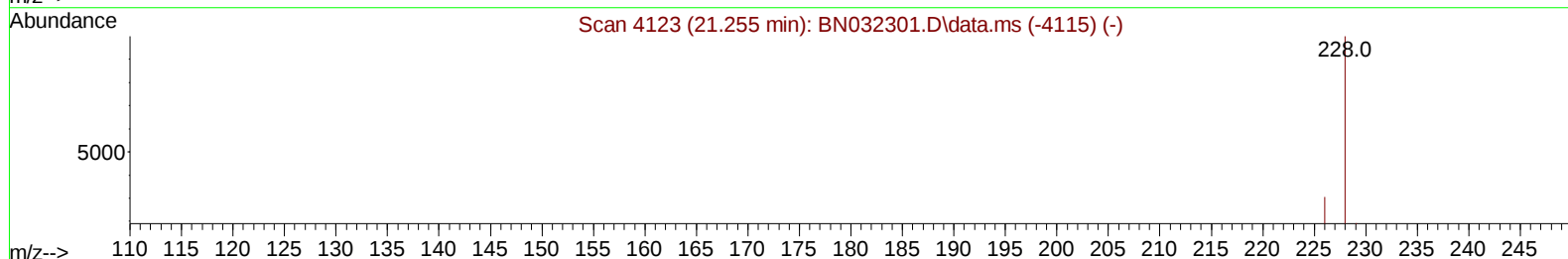
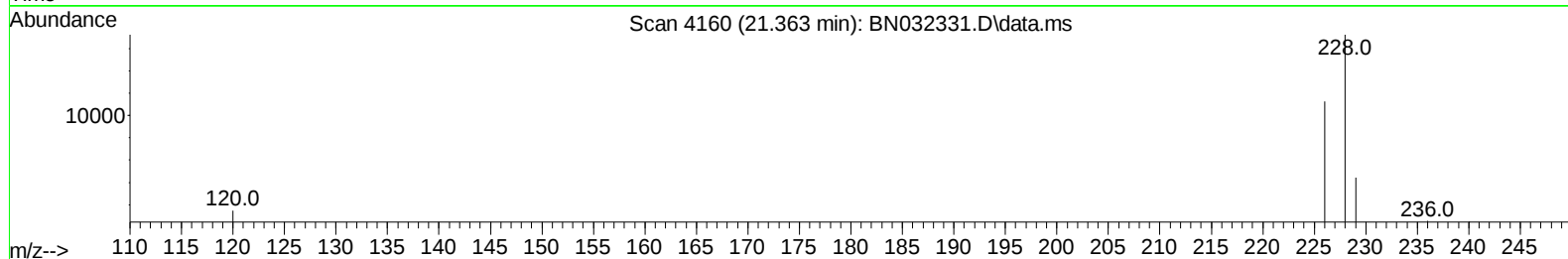
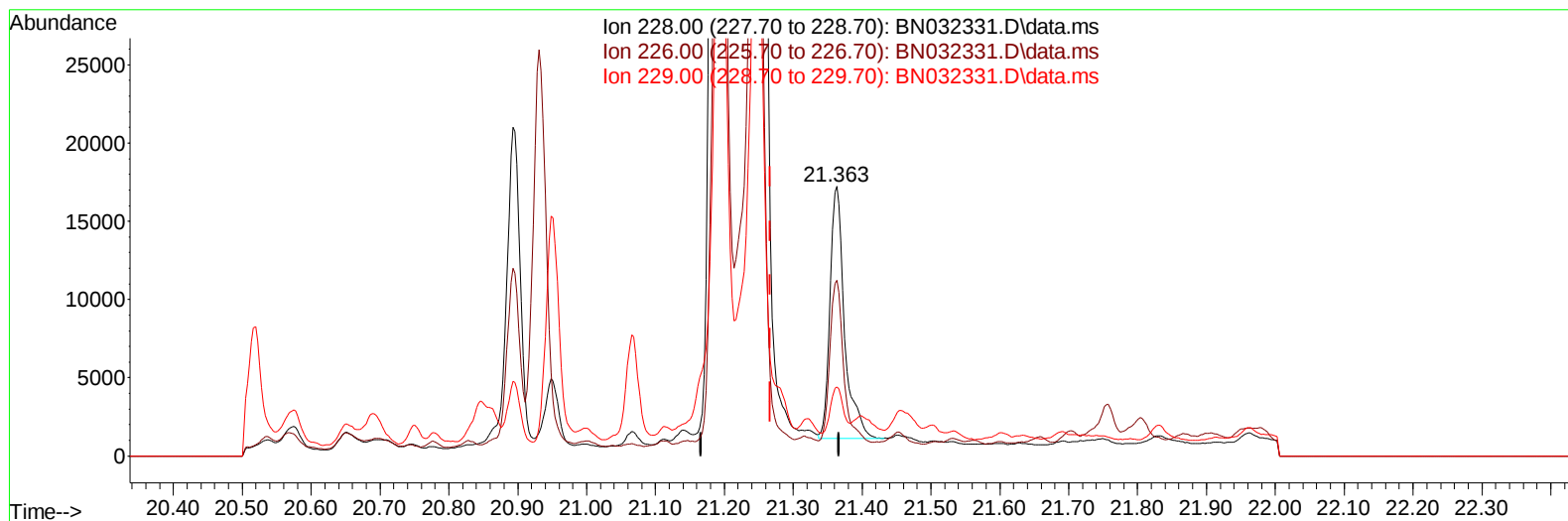
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032331.D
 Acq On : 29 Jun 2024 02:04
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(22) Chrysene

21.363min (+ 0.096) 0.31 ng/u1

response 23559

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.29#
229.00	19.60	25.60#
0.00	0.00	0.00

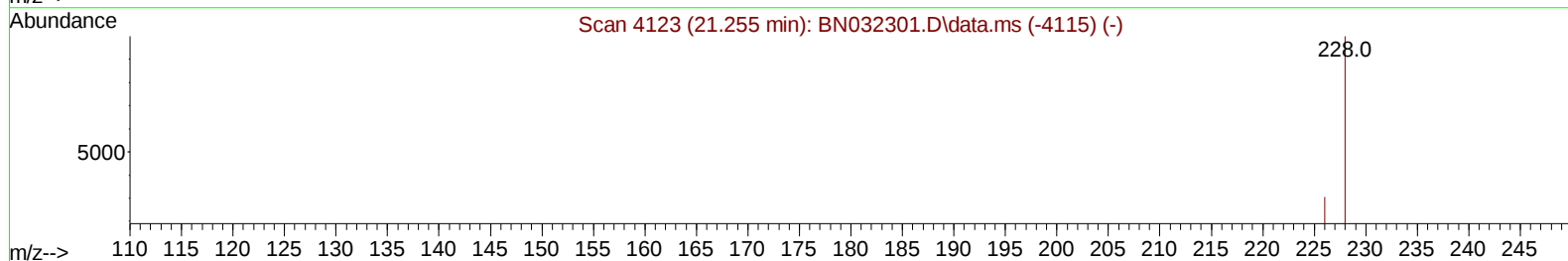
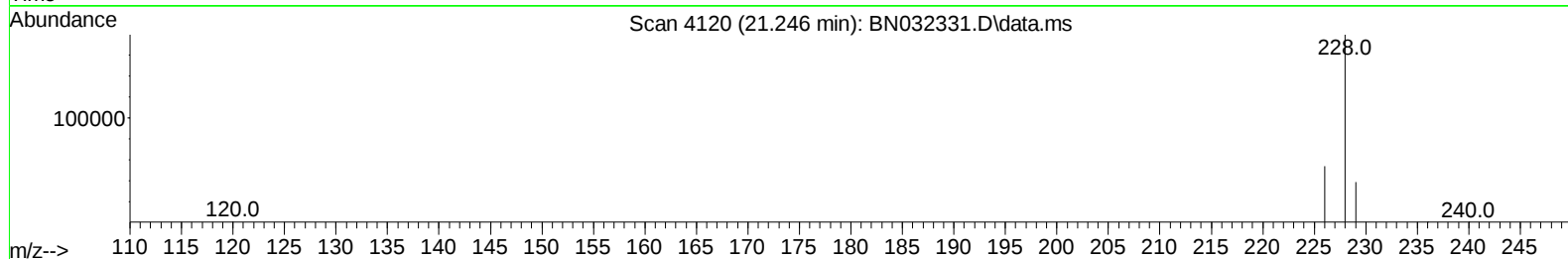
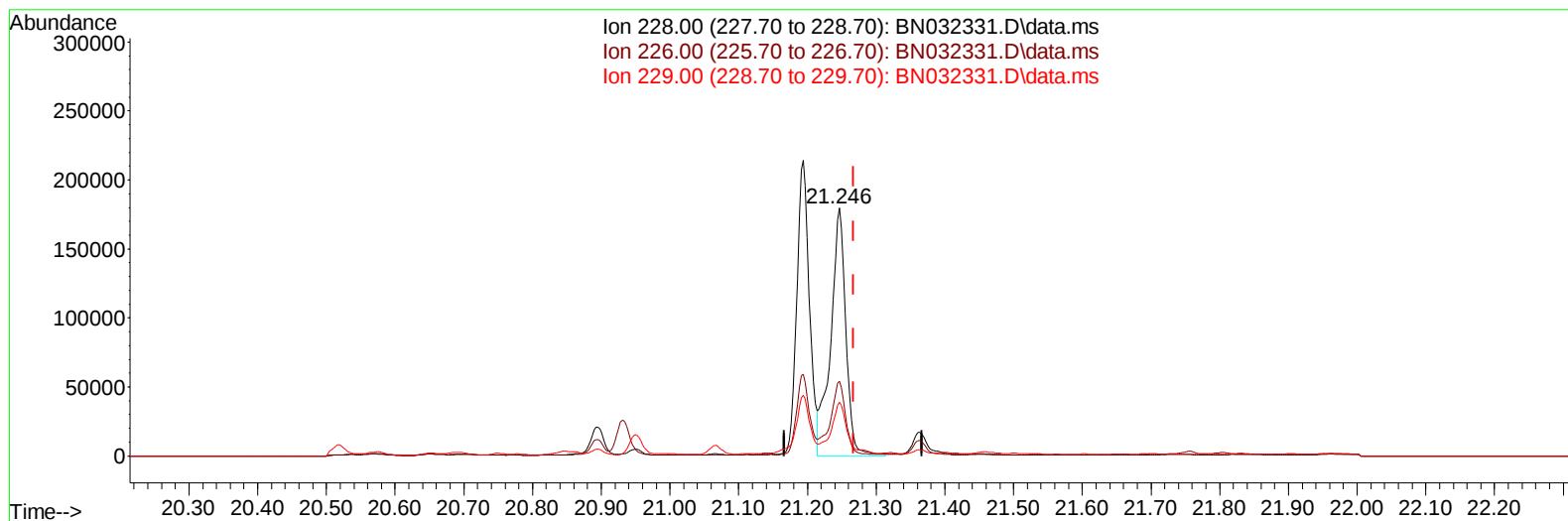
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(22) Chrysene

21.246min (-0.021) 3.60 ng/u1 m

response 277748

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.03
229.00	19.60	21.69
0.00	0.00	0.00

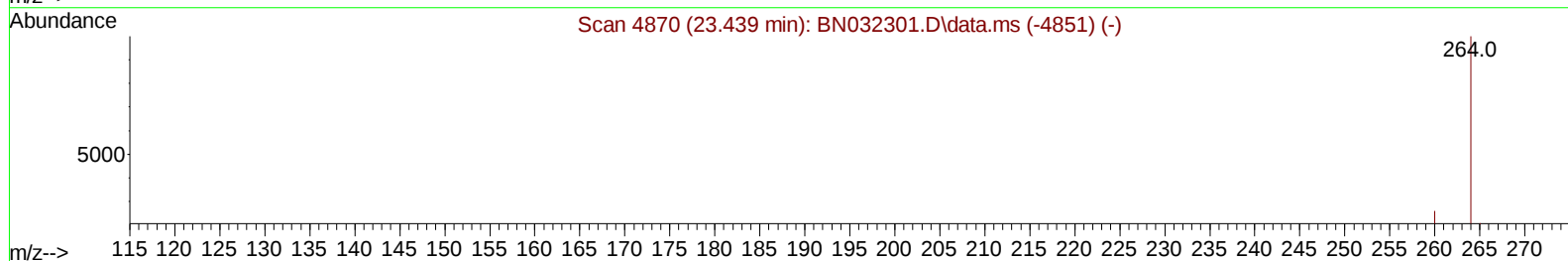
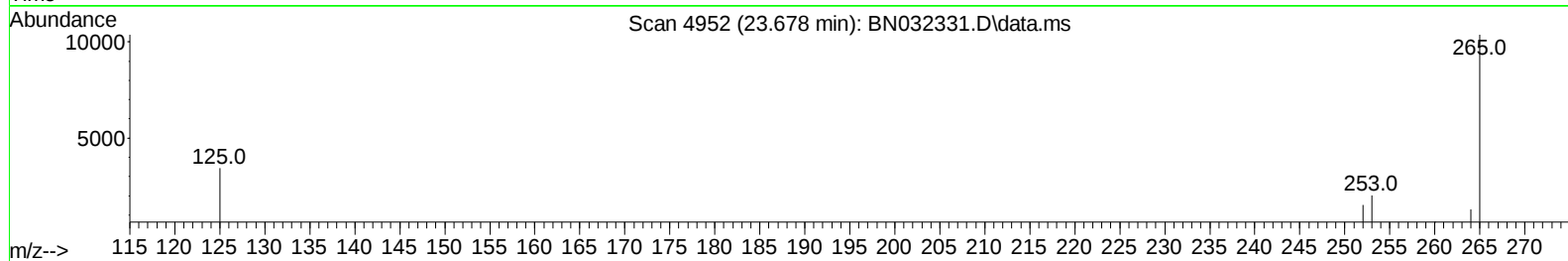
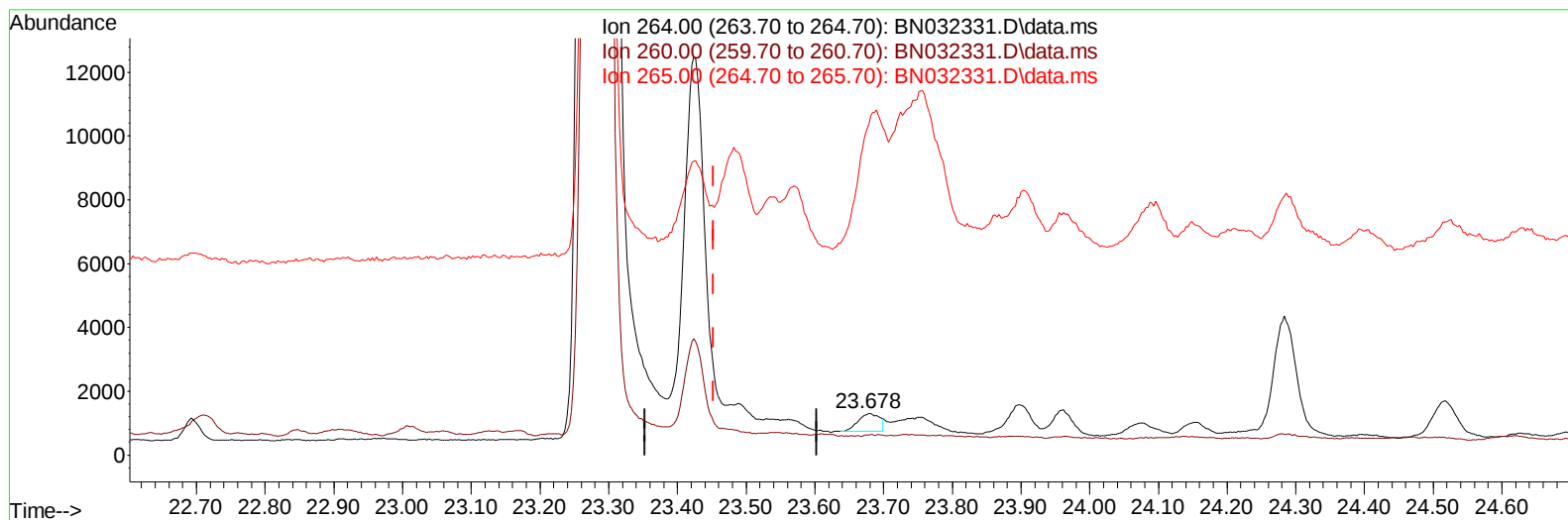
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.225) 0.40 ng/u1

response 1225

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	48.54#
265.00	67.20	795.17#
0.00	0.00	0.00

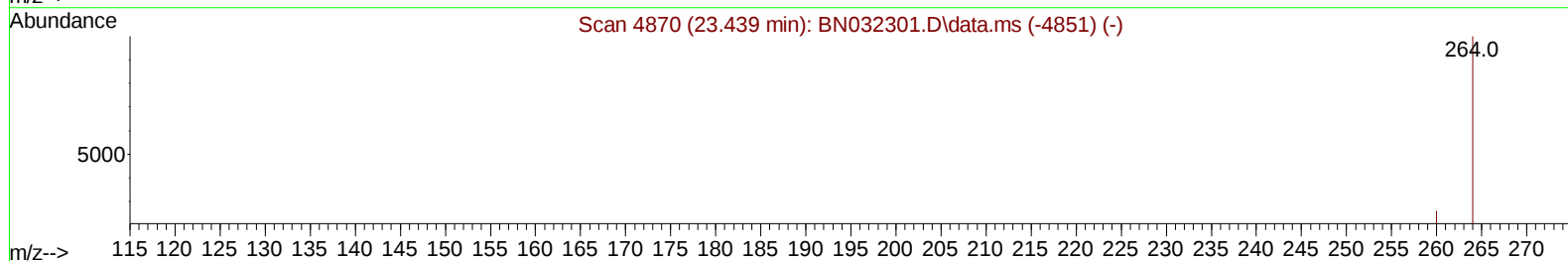
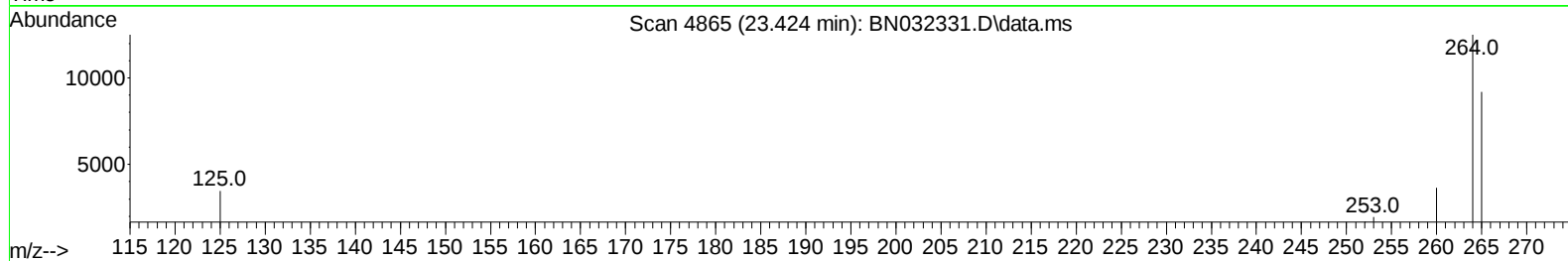
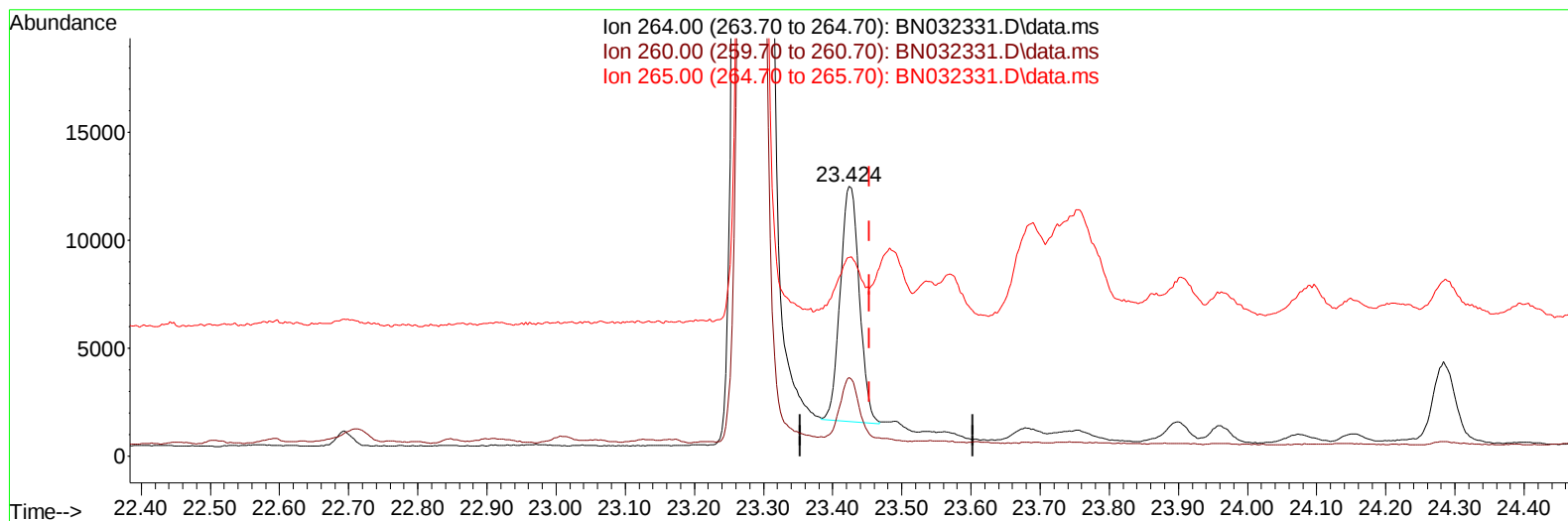
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(23) Perylene-d12 (I)

23.424min (-0.029) 0.40 ng/u1 m

response 20891

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.18
265.00	67.20	73.70
0.00	0.00	0.00

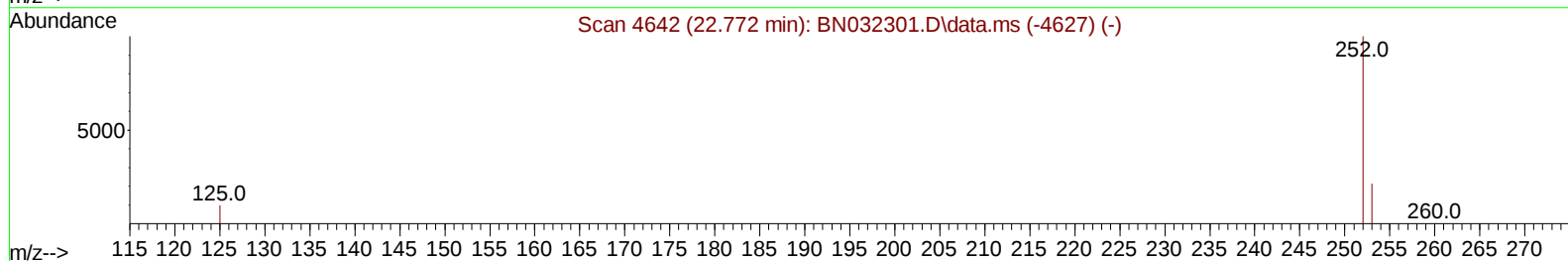
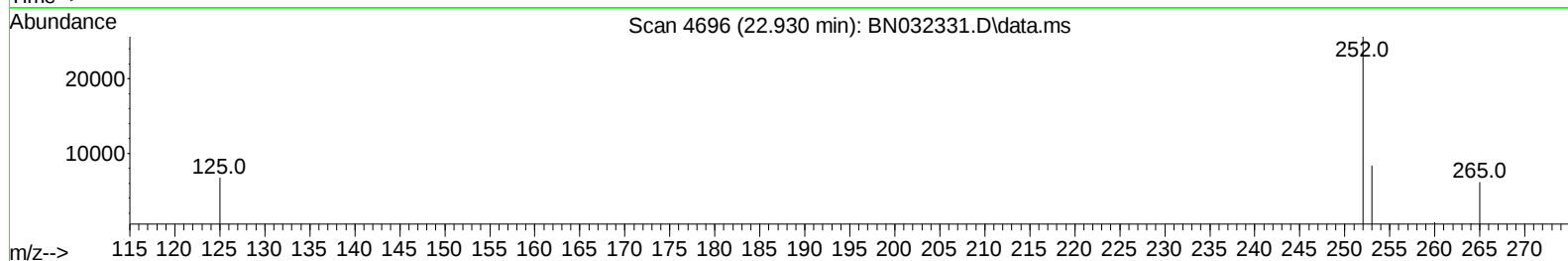
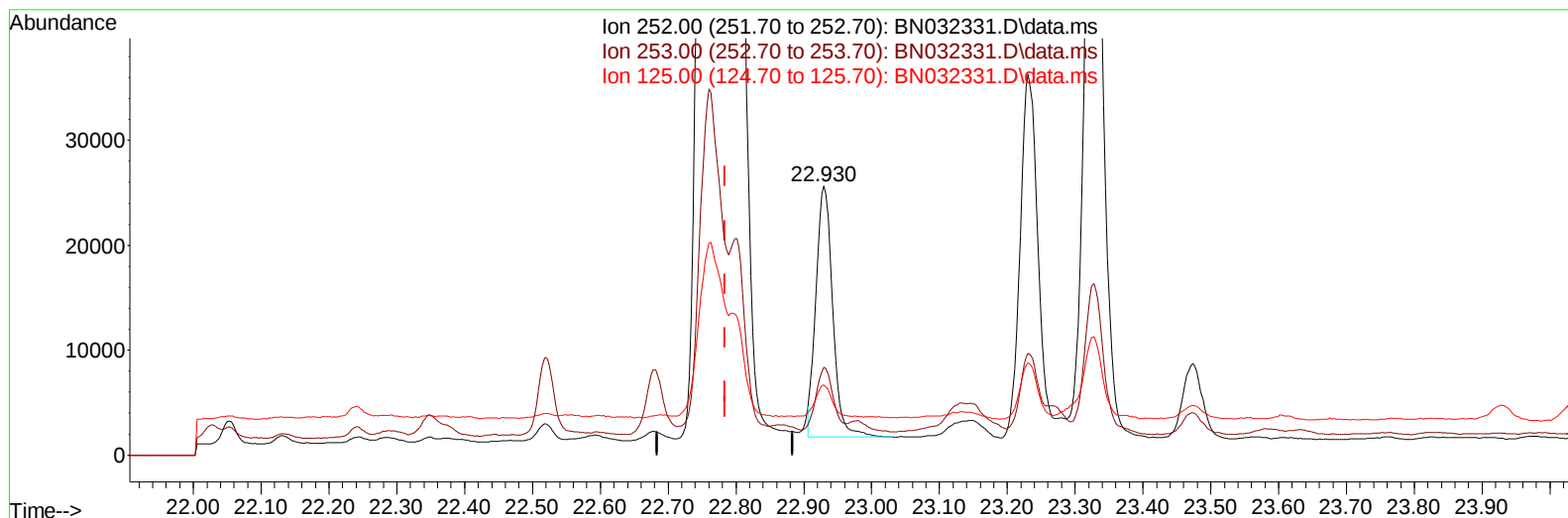
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.146) 0.45 ng/u1

response 41238

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.65
125.00	16.00	26.10
0.00	0.00	0.00

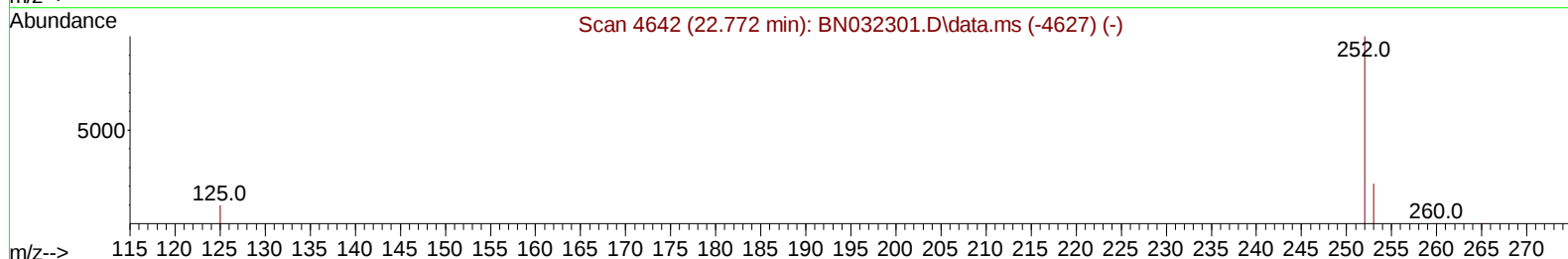
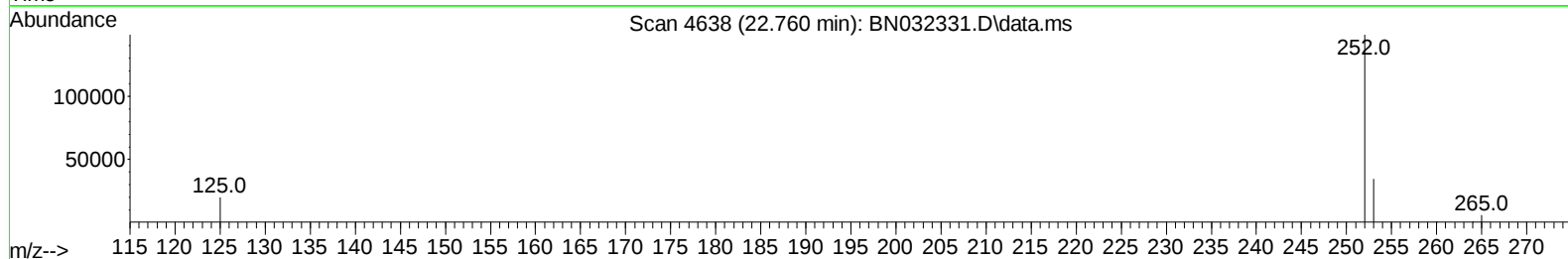
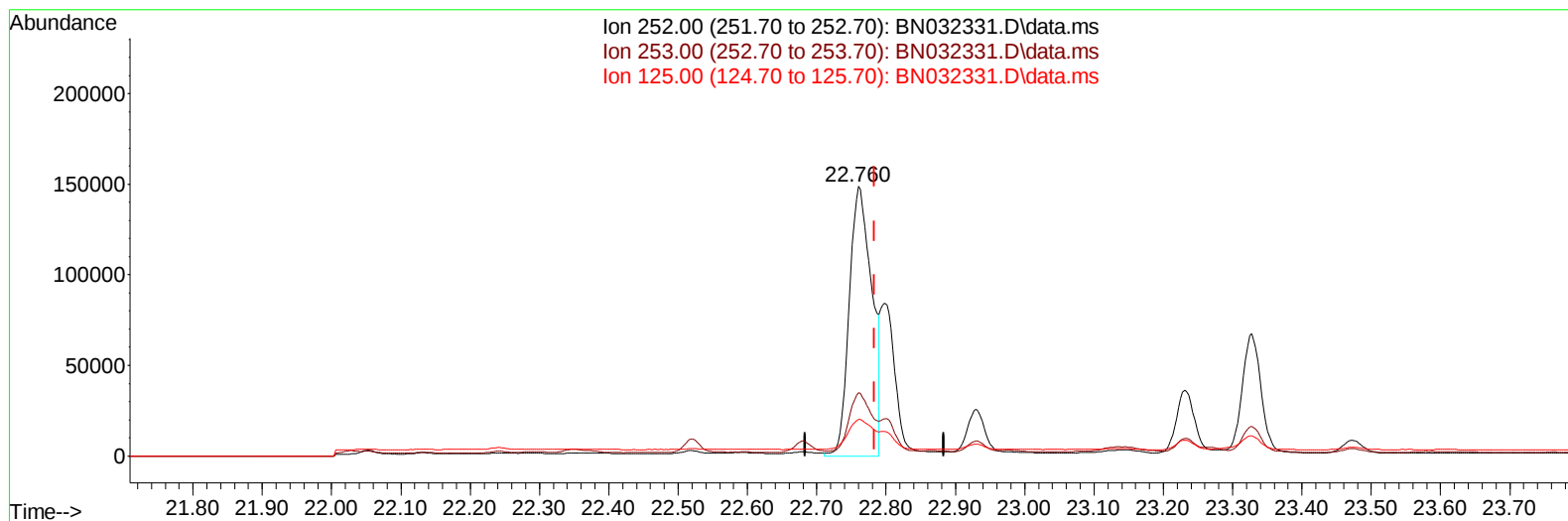
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:59:04 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: BN032331.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (-0.024) 3.72 ng/u1 m

response 337595

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.45
125.00	16.00	13.61
0.00	0.00	0.00

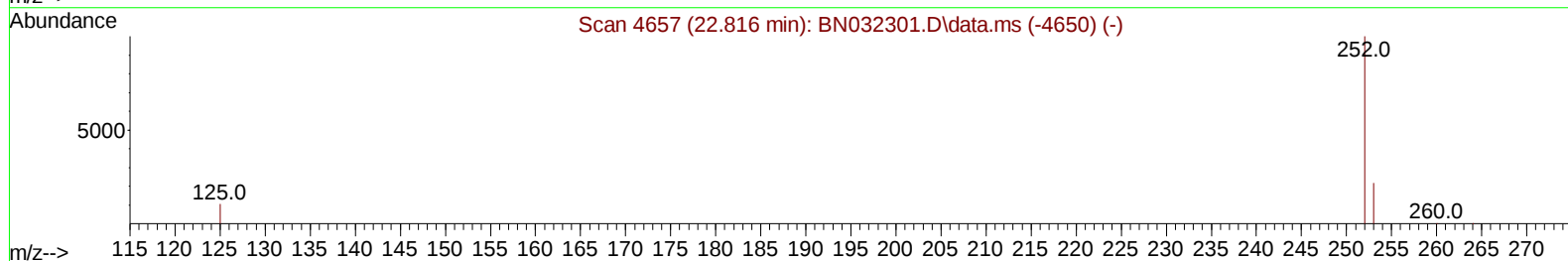
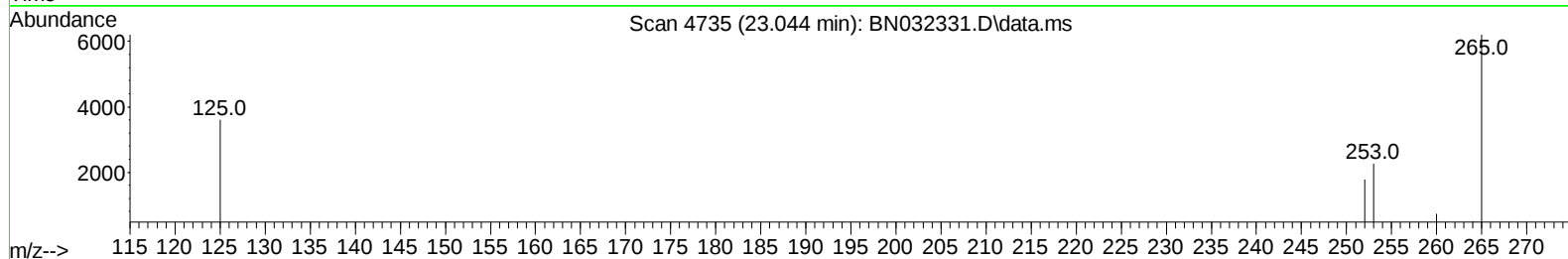
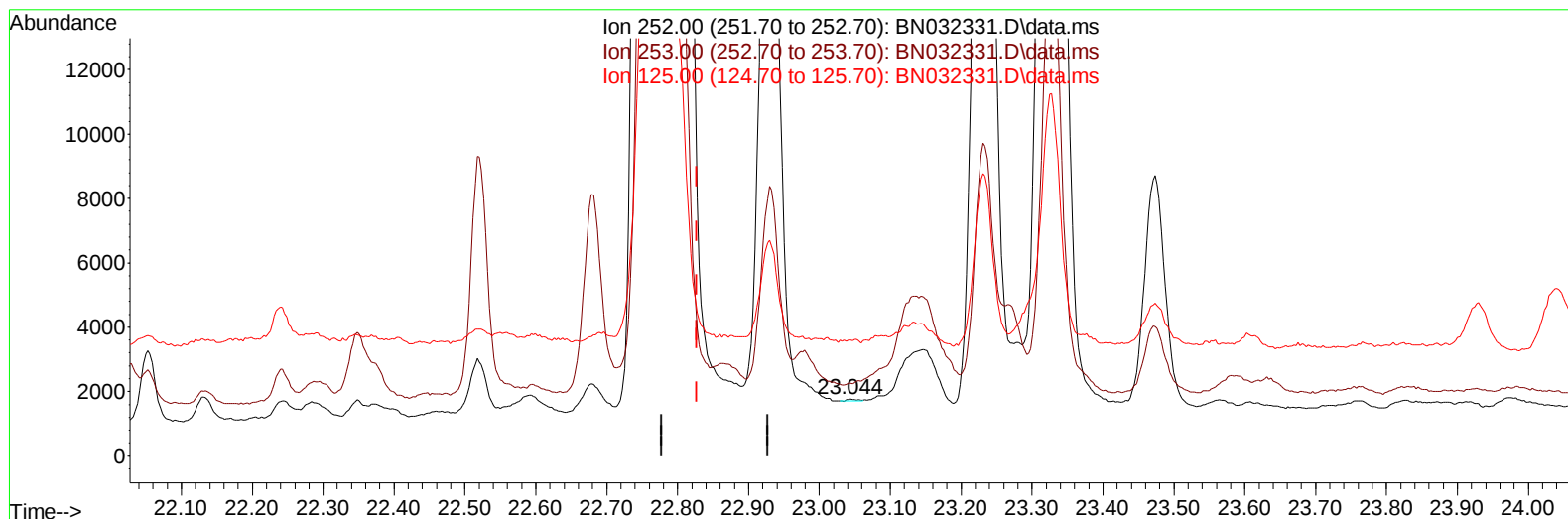
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(25) Benzo(k)fluoranthene

23.044min (+ 0.216) 0.00 ng/u1

response 65

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	127.04#
125.00	16.00	203.38#
0.00	0.00	0.00

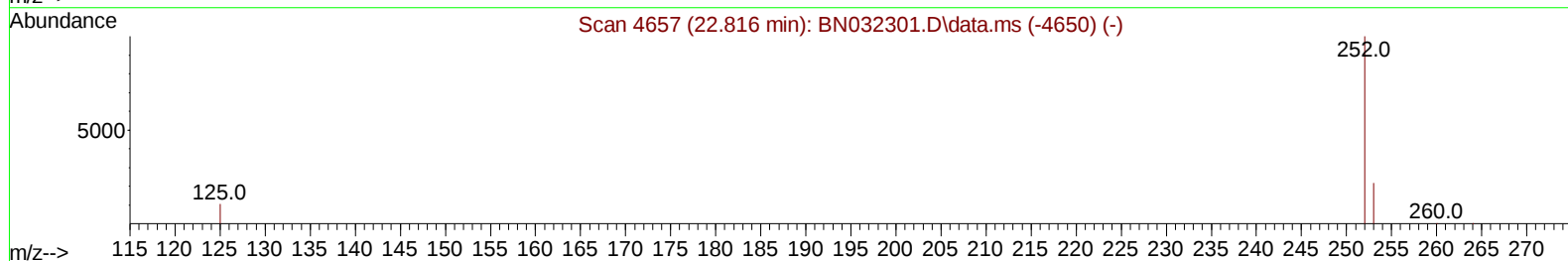
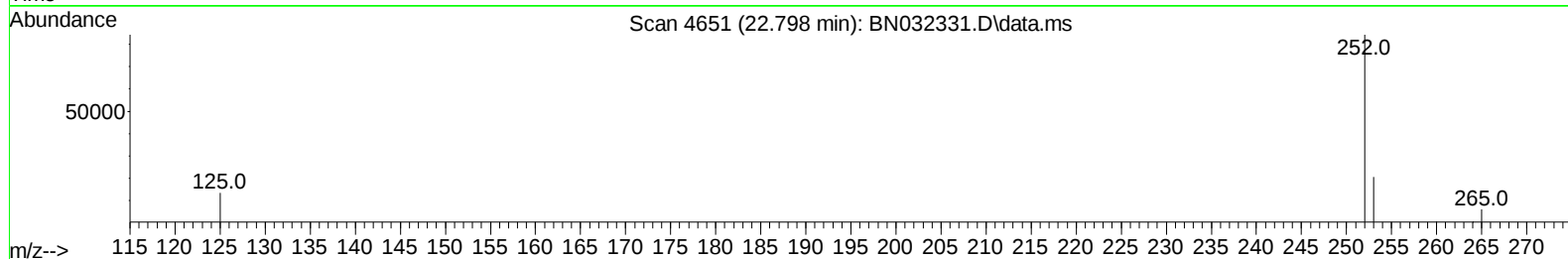
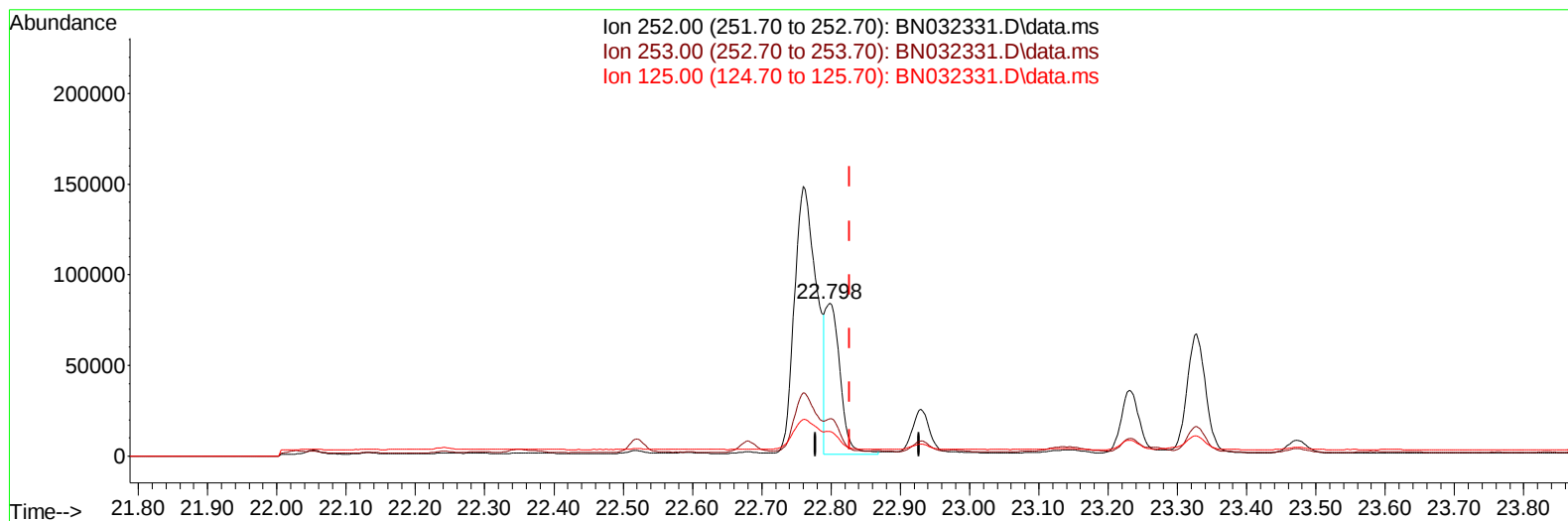
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(25) Benzo(k)fluoranthene

22.798min (-0.029) 1.39 ng/u1 m

response 122602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.50
125.00	16.00	15.96
0.00	0.00	0.00

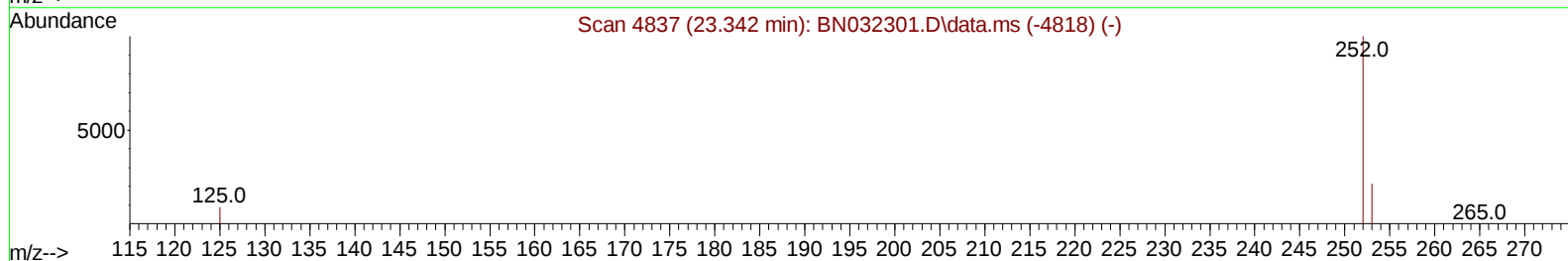
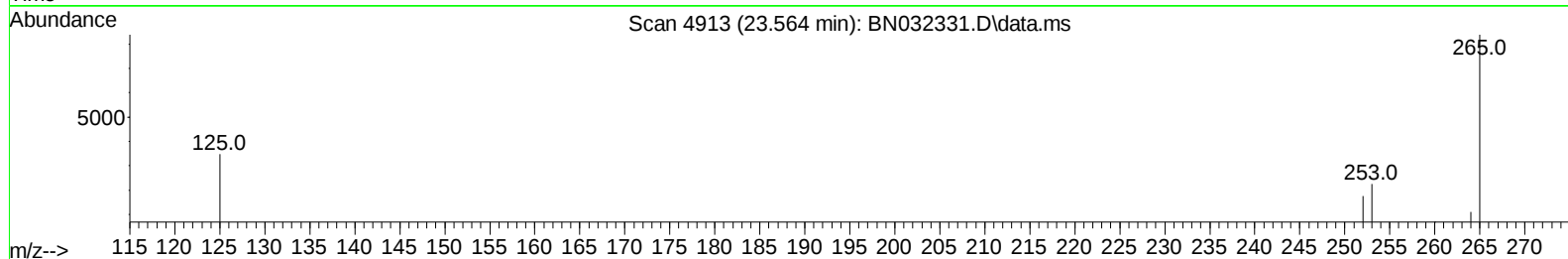
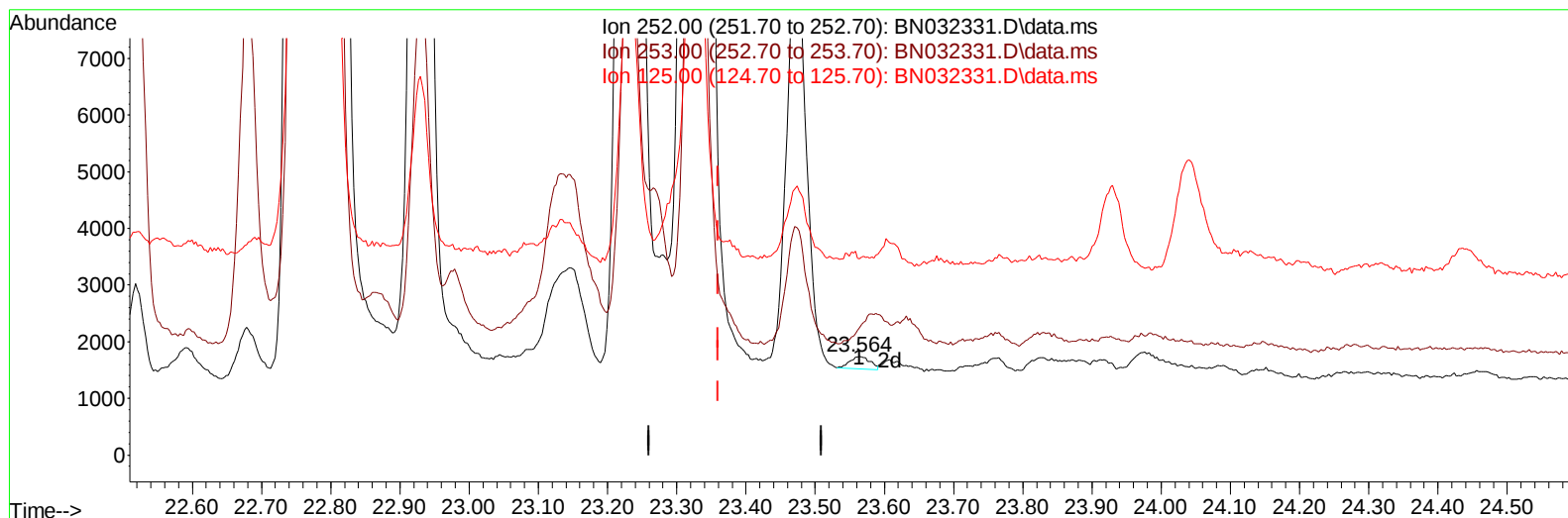
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(26) Benzo(a)pyrene (C)

23.564min (+ 0.205) 0.01 ng/u1

response 453

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	128.75#
125.00	20.50	198.51#
0.00	0.00	0.00

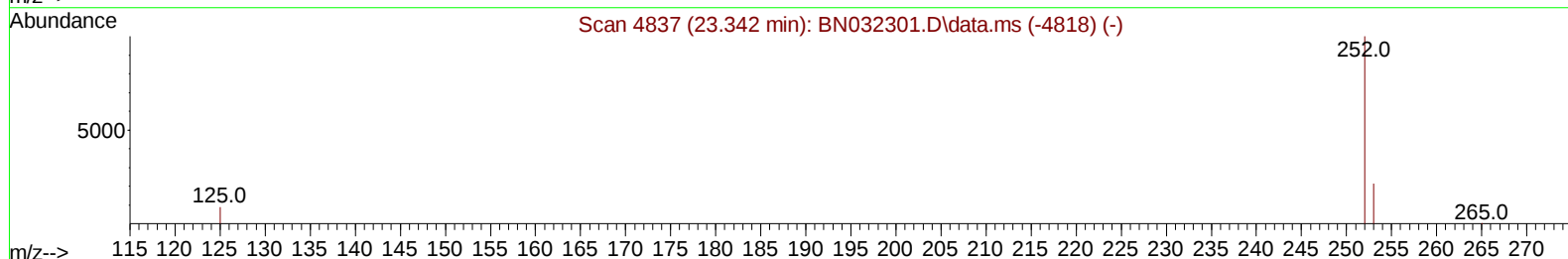
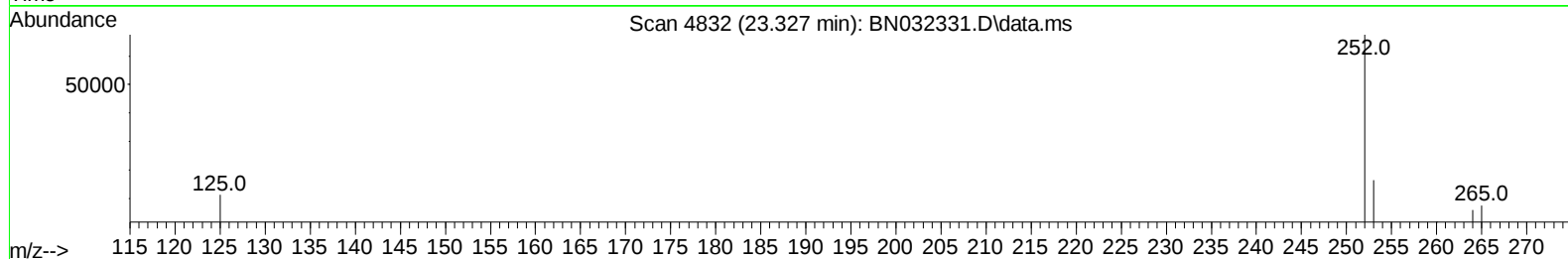
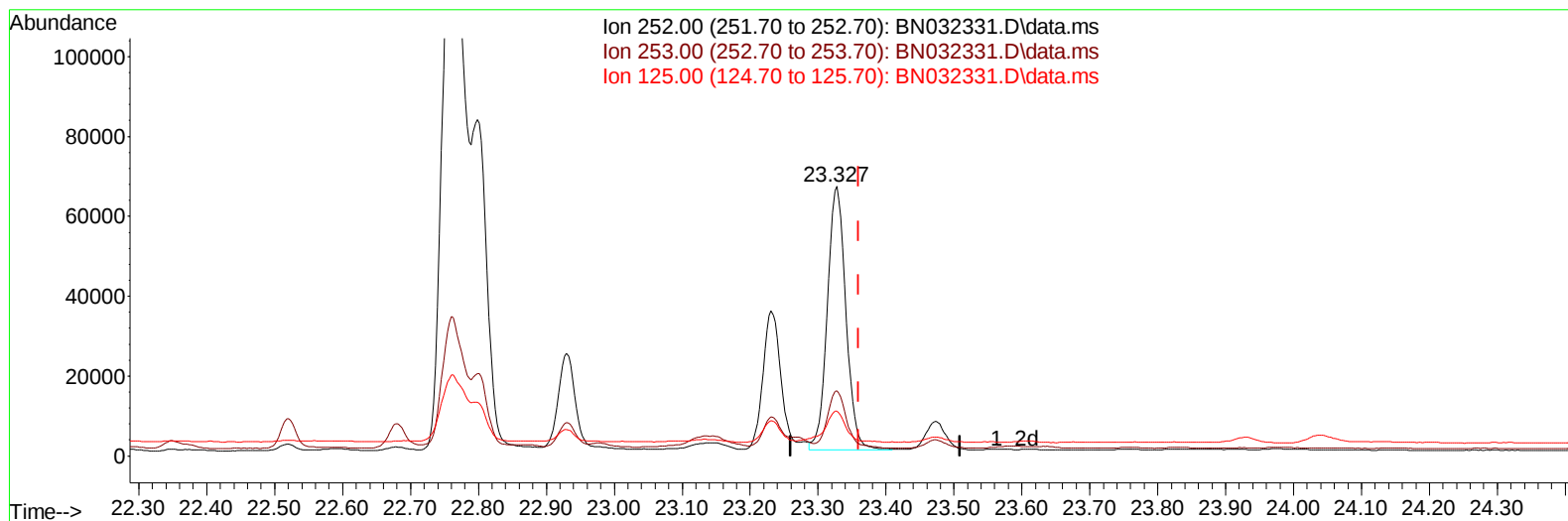
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-0.032) 1.98 ng/u1 m

response 124978

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.26
125.00	20.50	16.69
0.00	0.00	0.00

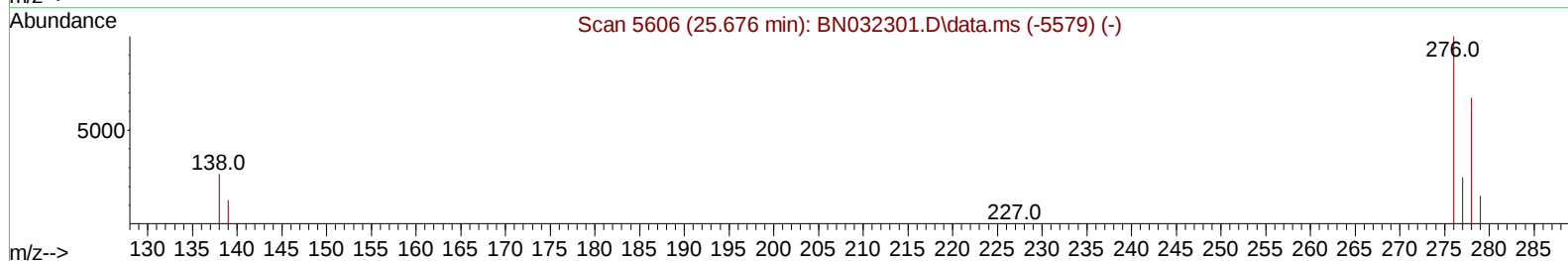
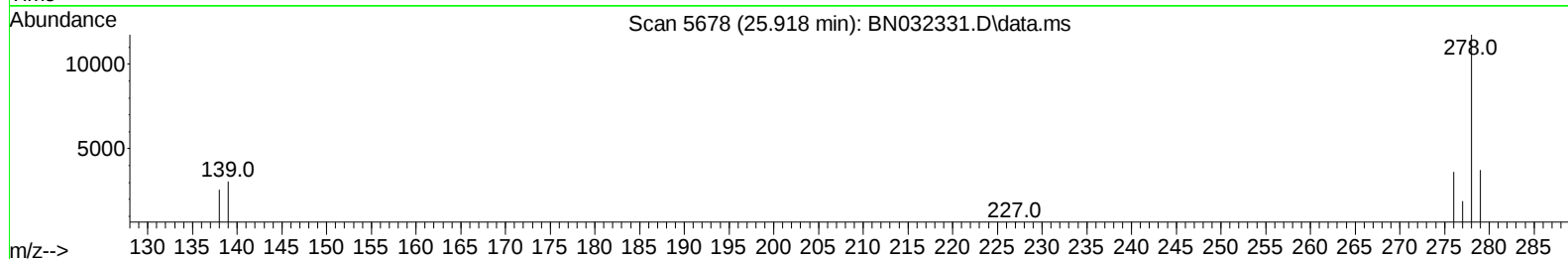
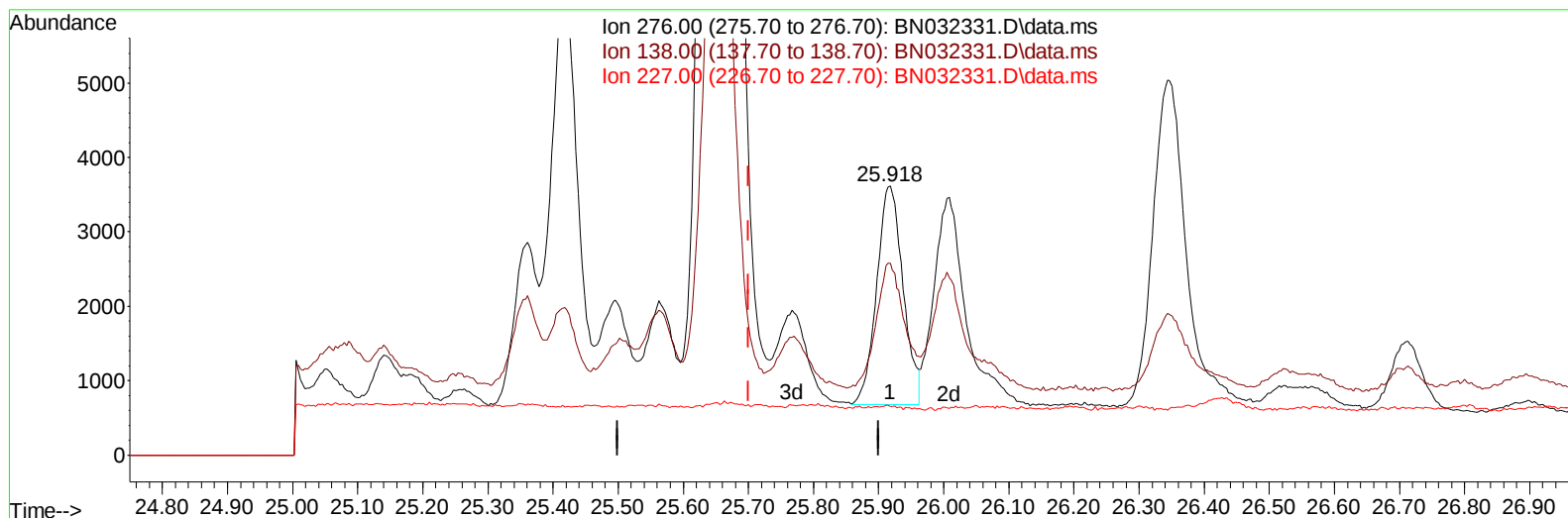
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

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

25.918min (+ 0.218) 0.08 ng/u1

response 8279

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	62.35#
227.00	0.10	0.77#
0.00	0.00	0.00

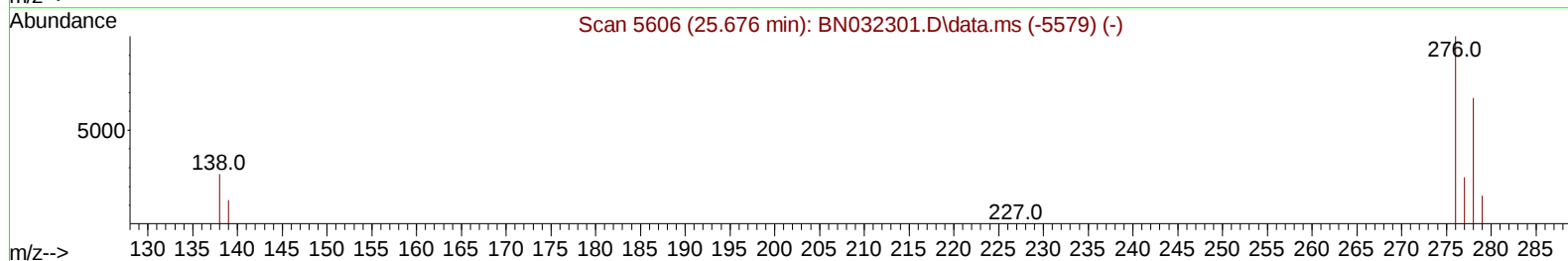
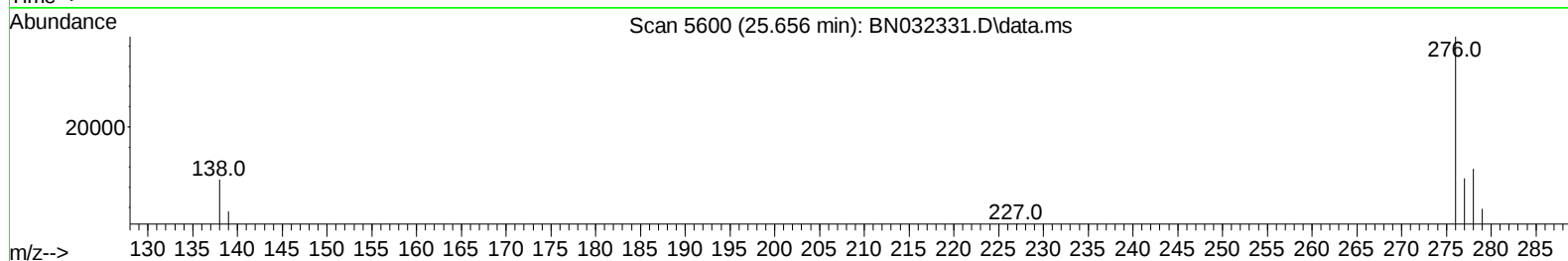
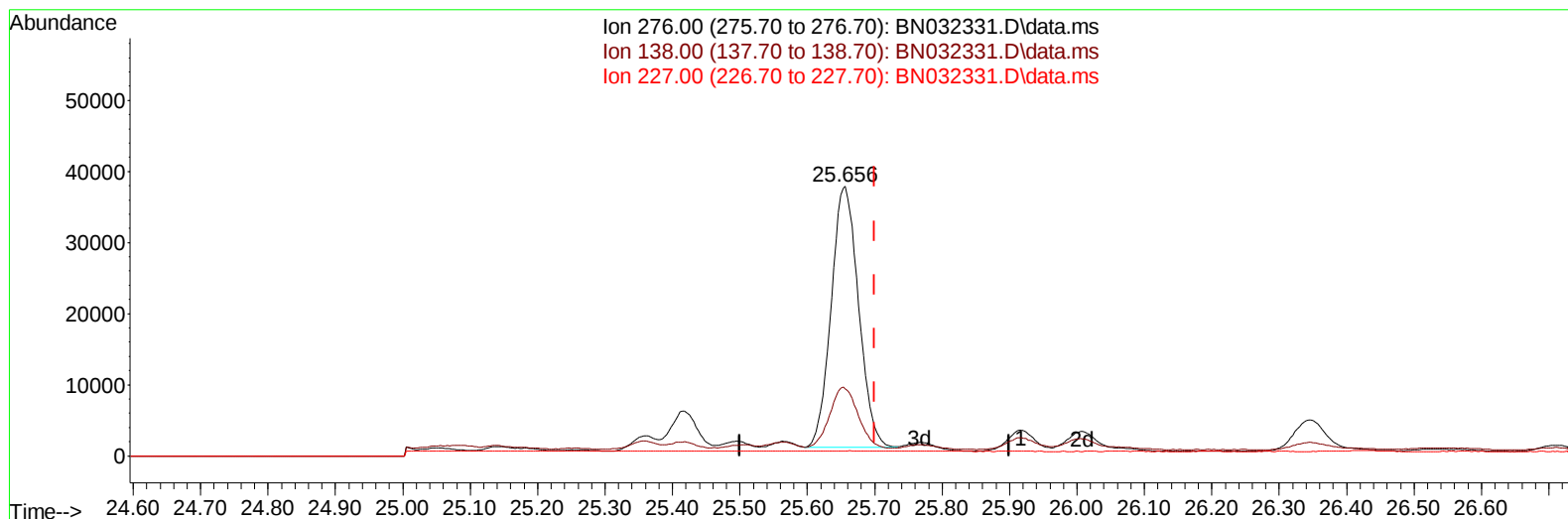
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032331.D
 Acq On : 29 Jun 2024 02:04
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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TIC: BN032331.D\data.ms

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

25.656min (-0.044) 1.04 ng/ul m

response 103327

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	5.00#
227.00	0.10	0.06#
0.00	0.00	0.00

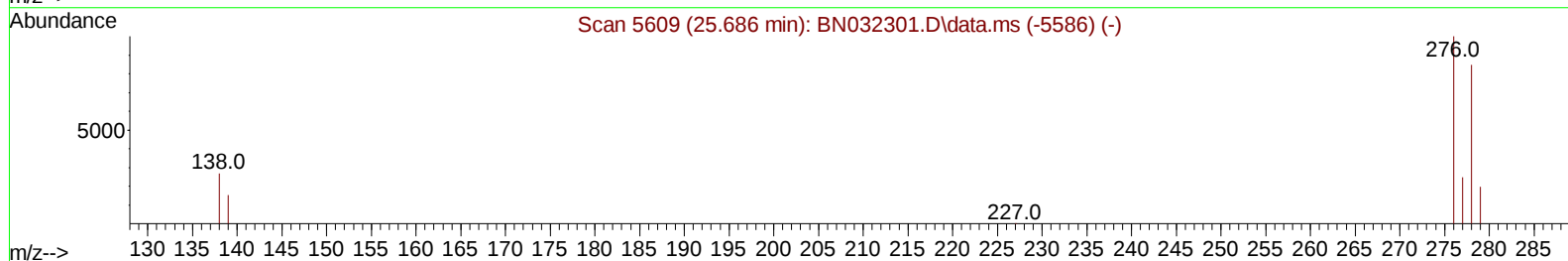
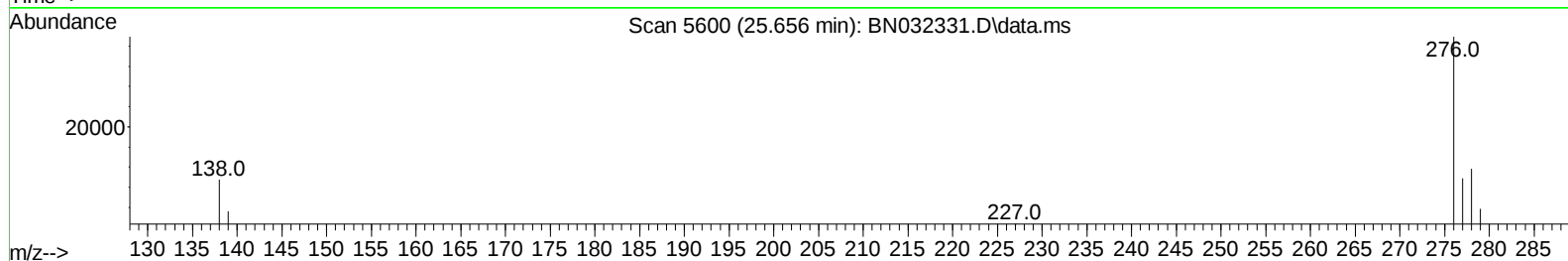
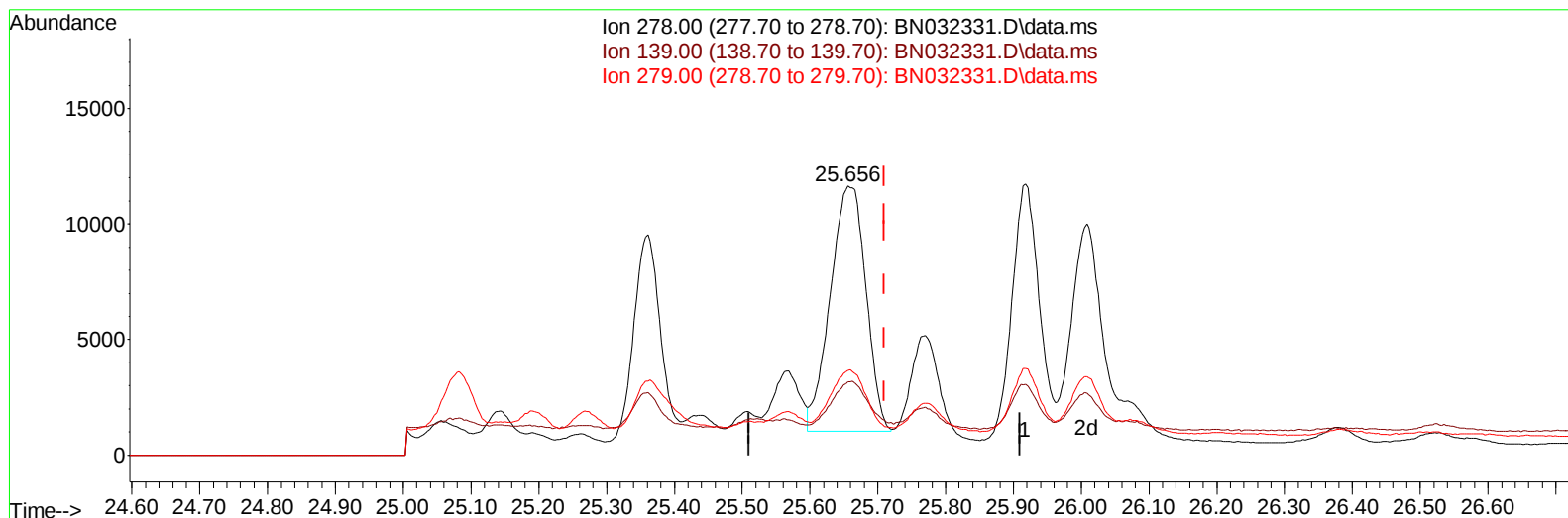
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

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TIC: BN032331.D\data.ms

(28) Dibenzo(a,h)anthracene

25.656min (-0.054) 0.53 ng/u1 m

response 38676

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	27.28#
279.00	26.40	31.59
0.00	0.00	0.00

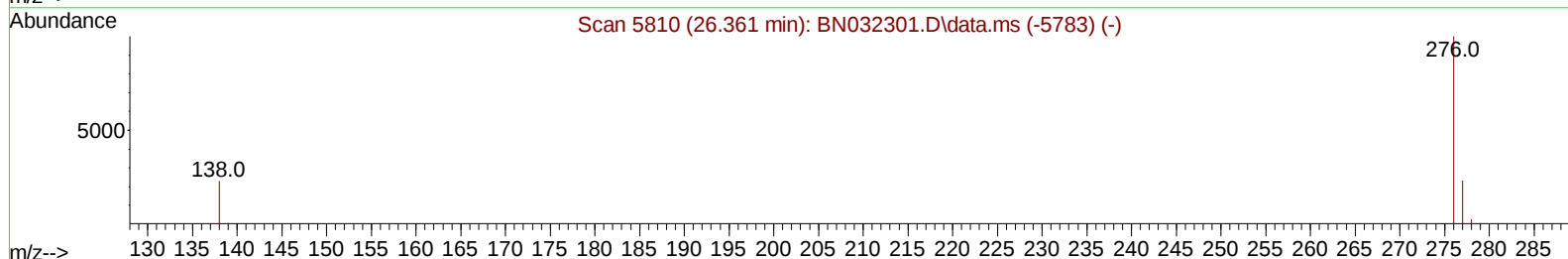
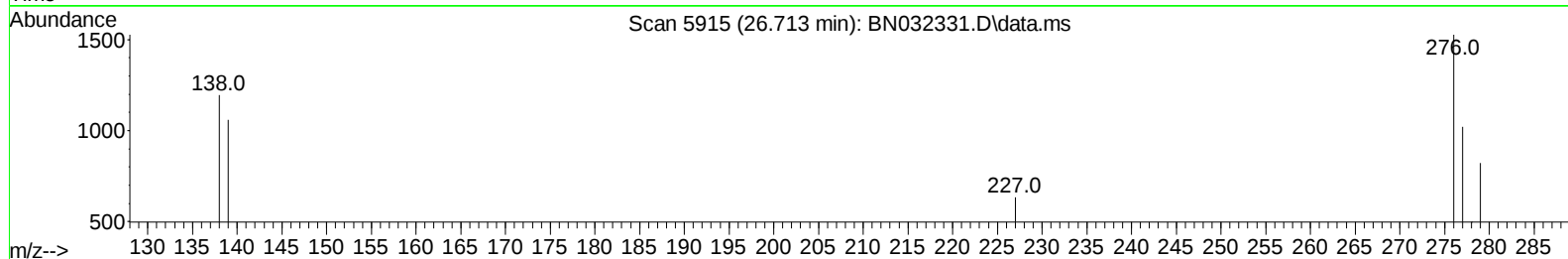
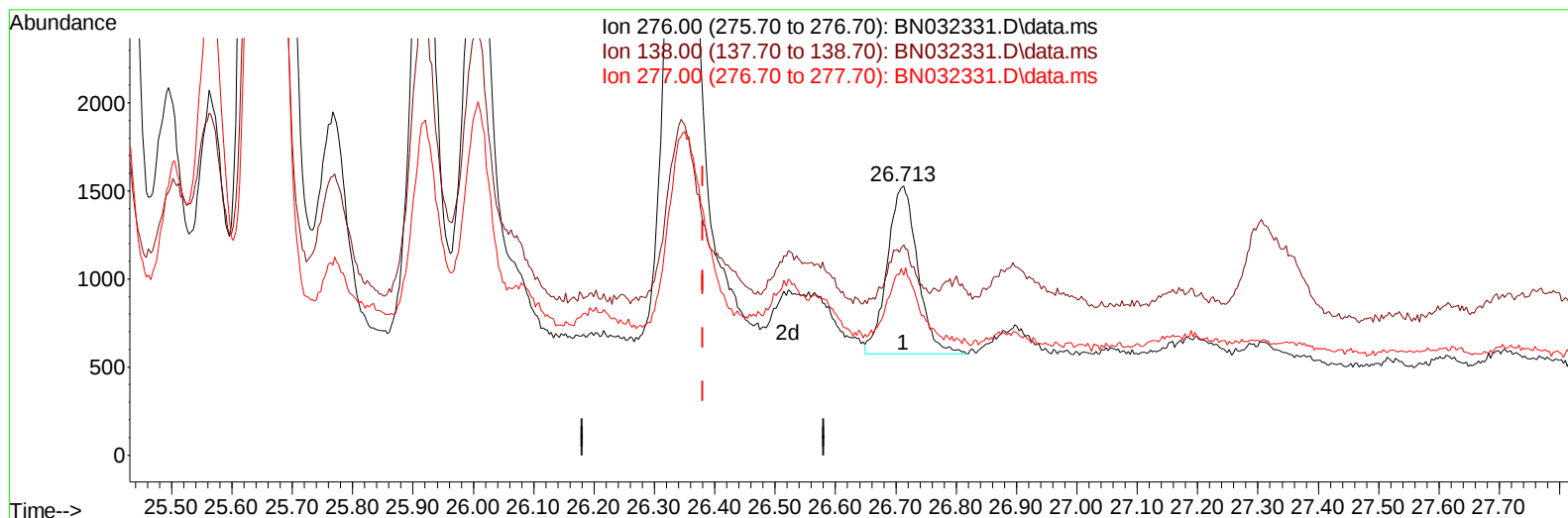
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032331.D
 Acq On : 29 Jun 2024 02:04
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8

Manual IntegrationsAPPROVED

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TIC: BN032331.D\data.ms

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

26.713min (+ 0.332) 0.04 ng/u1

response 3342

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	78.26#
277.00	24.70	66.86#
0.00	0.00	0.00

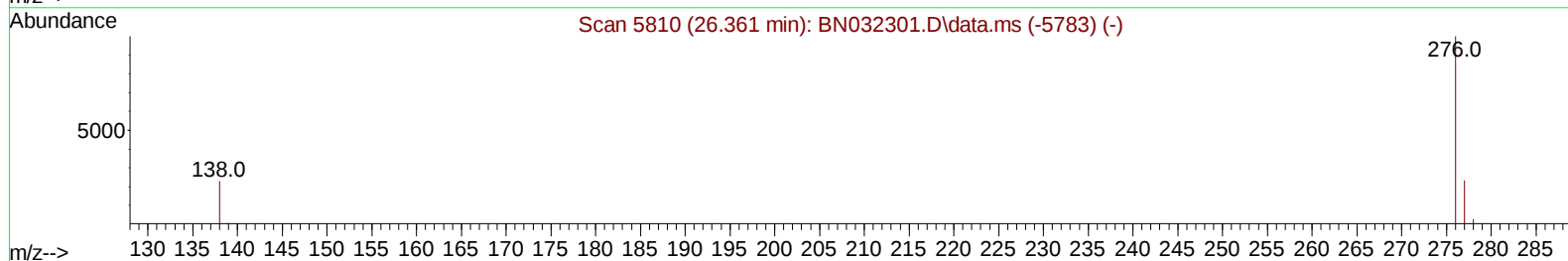
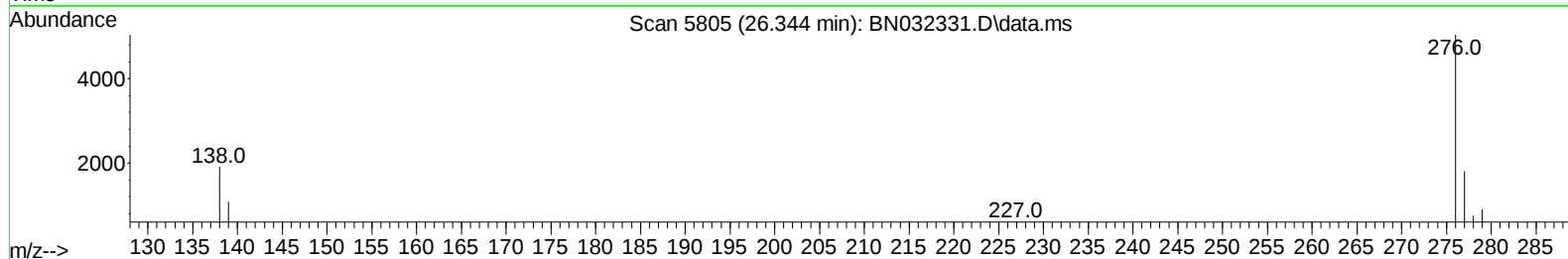
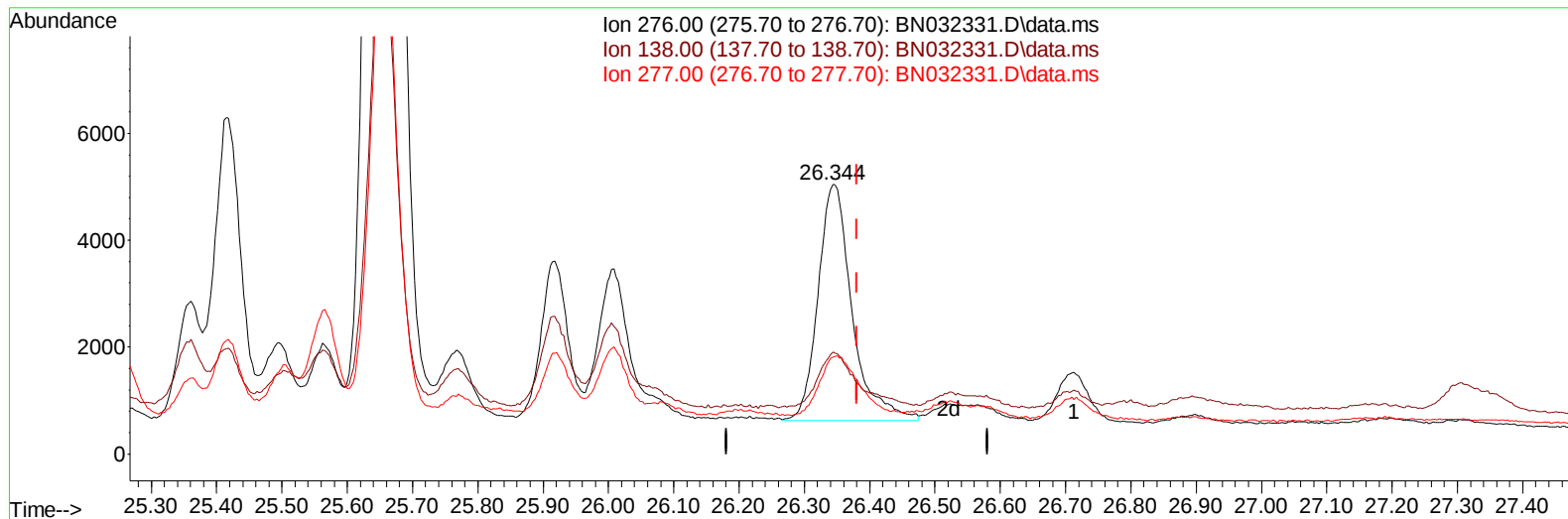
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032331.D
Acq On : 29 Jun 2024 02:04
Operator : MA/JU
Sample : P2934-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP8

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:59:04 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032331.D\data.ms

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

26.344min (-0.037) 0.20 ng/u1 m

response 16054

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	37.83#
277.00	24.70	35.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032331.D
 Acq On : 29 Jun 2024 02:04
 Operator : MA/JU
 Sample : P2934-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:59:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	25819	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25340m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	19456m	0.400	ng/ul	-0.01
23) Perylene-d12	23.424	264	20891m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34223	3.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	9045	0.234	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	15789m	0.270	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	6735	0.099	ng/ul#	95
7) 2-Methylnaphthalene	12.065	142	2866	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	3148	0.067	ng/ul	100
10) Acenaphthylene	13.980	152	9904	0.171	ng/ul	96
11) Acenaphthene	14.322	153	15545	0.346	ng/ul	99
12) Fluorene	15.312	166	20097	0.375	ng/ul	99
15) Phenanthrene	17.050	178	377063m	5.428	ng/ul	
16) Anthracene	17.143	178	90451m	1.460	ng/ul	
19) Fluoranthene	19.078	202	633918m	8.556	ng/ul	
20) Pyrene	19.440	202	418020m	5.399	ng/ul	
21) Benzo(a)anthracene	21.194	228	278300m	3.963	ng/ul	
22) Chrysene	21.246	228	277748m	3.604	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	337595m	3.720	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	122602m	1.390	ng/ul	
26) Benzo(a)pyrene	23.327	252	124978m	1.979	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.656	276	103327m	1.045	ng/ul	
28) Dibenzo(a,h)anthracene	25.656	278	38676m	0.526	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	16054m	0.204	ng/ul	

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

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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