

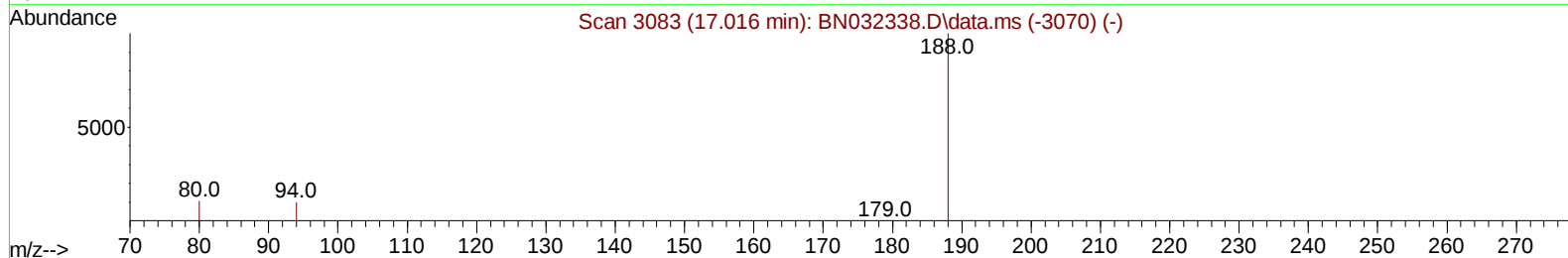
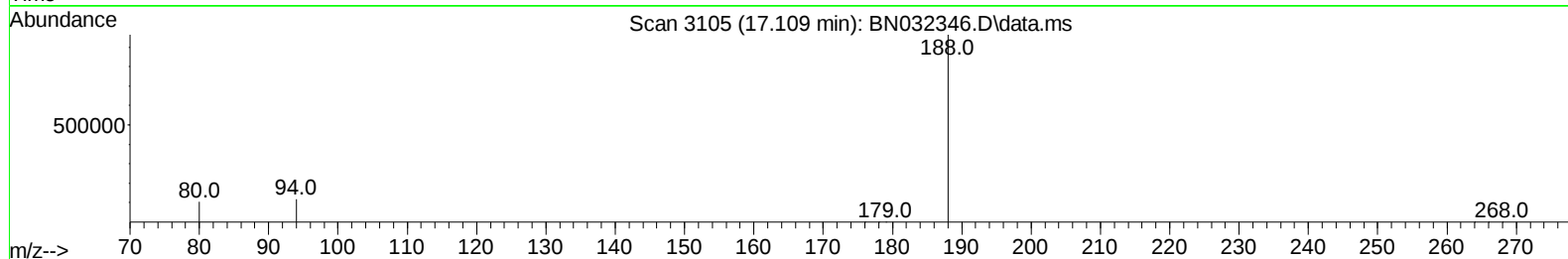
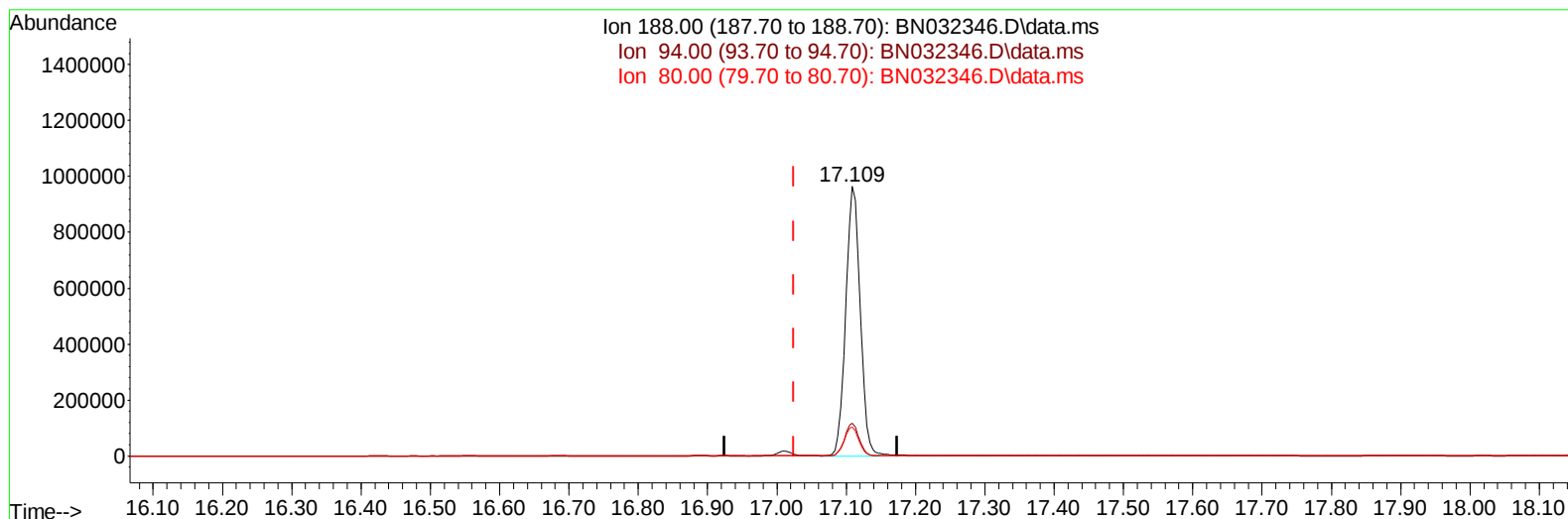
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032346.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1406838

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.12
80.00	10.50	10.75
0.00	0.00	0.00

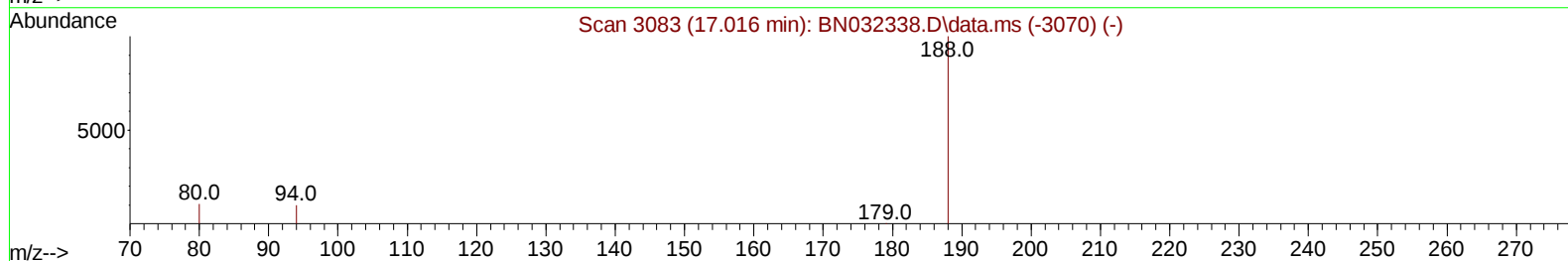
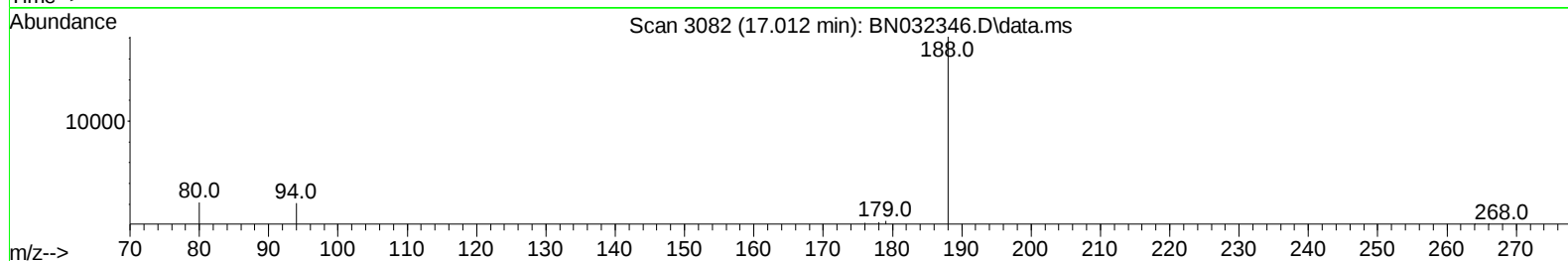
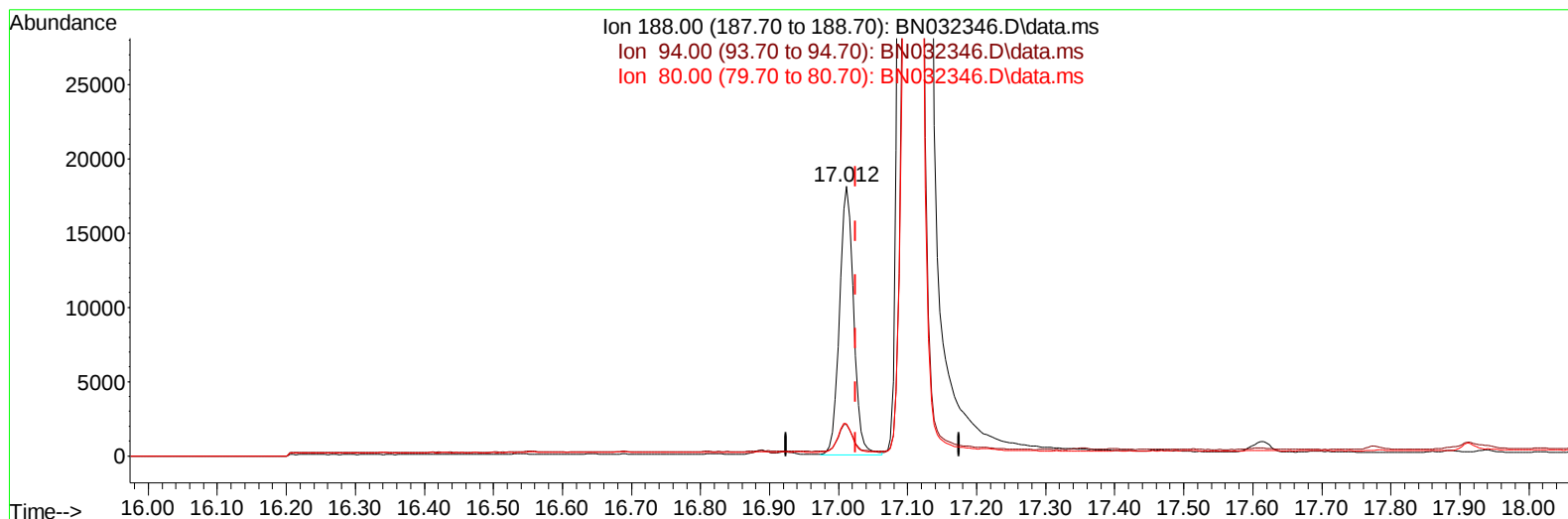
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/ul m

response 25555

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.72
80.00	10.50	11.99
0.00	0.00	0.00

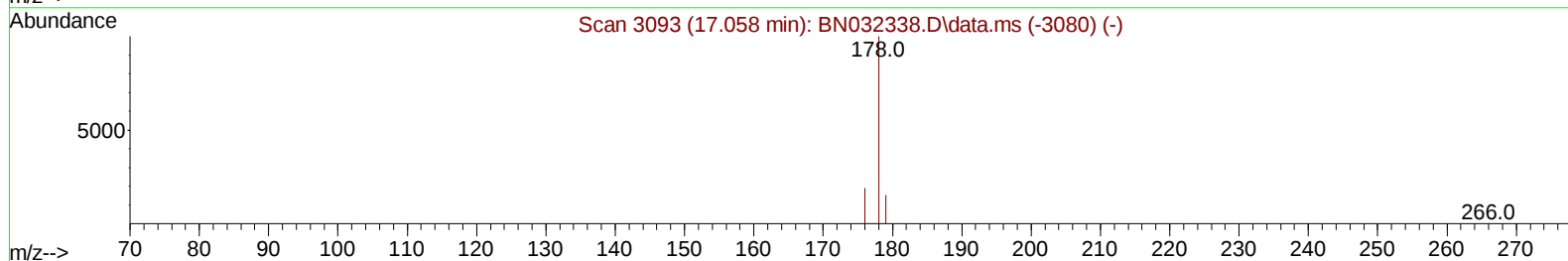
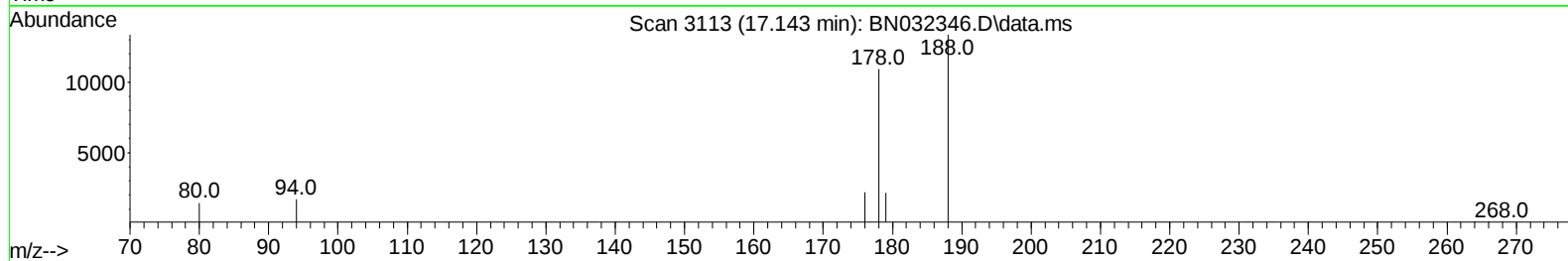
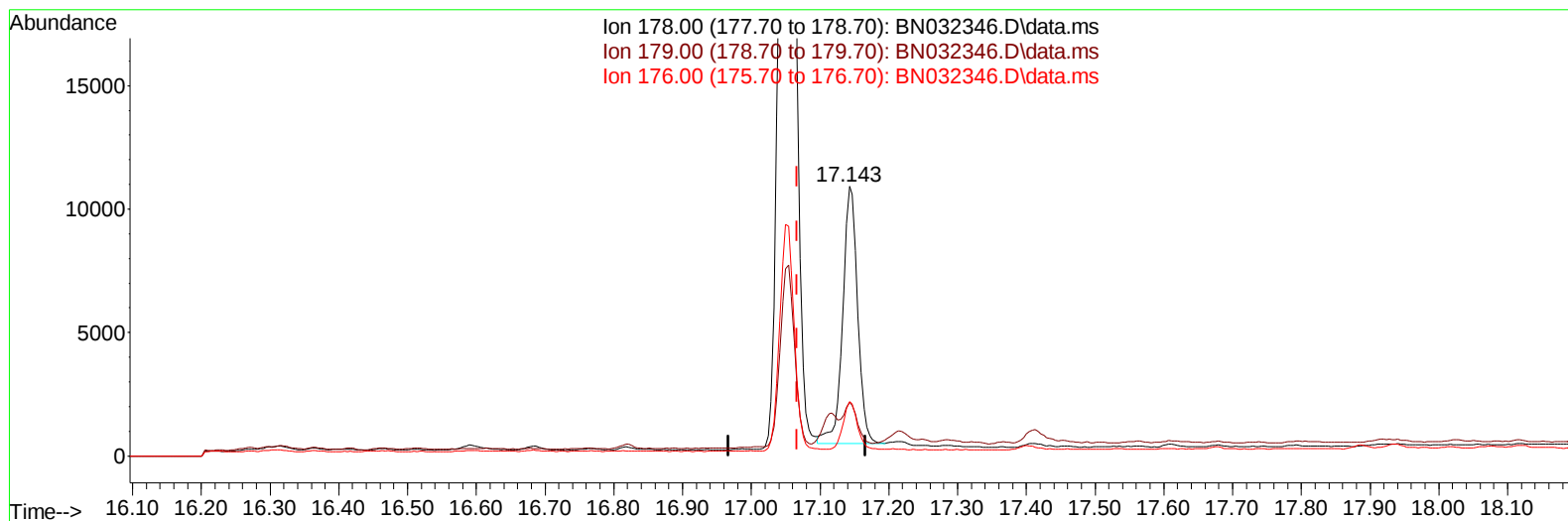
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 0.22 ng/u1

response 15730

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	19.90#
176.00	19.50	20.19
0.00	0.00	0.00

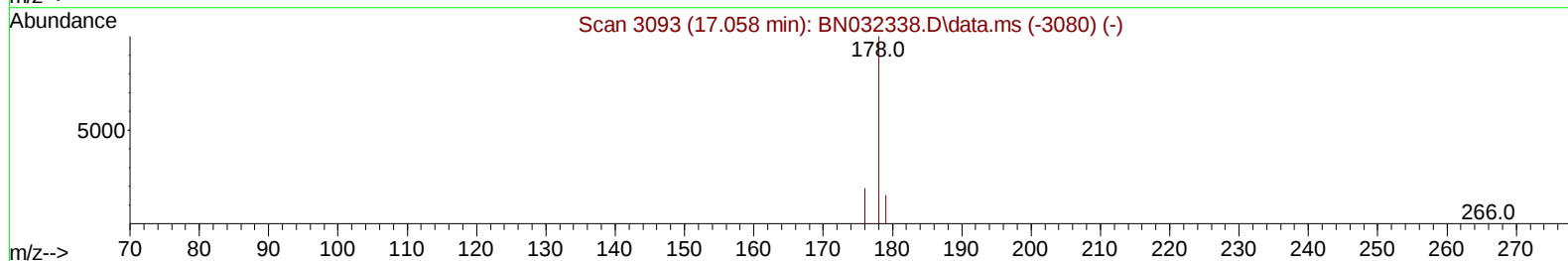
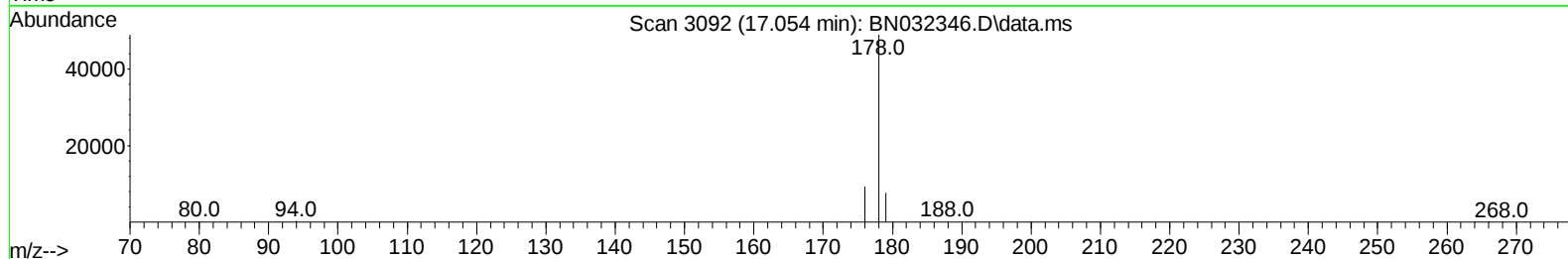
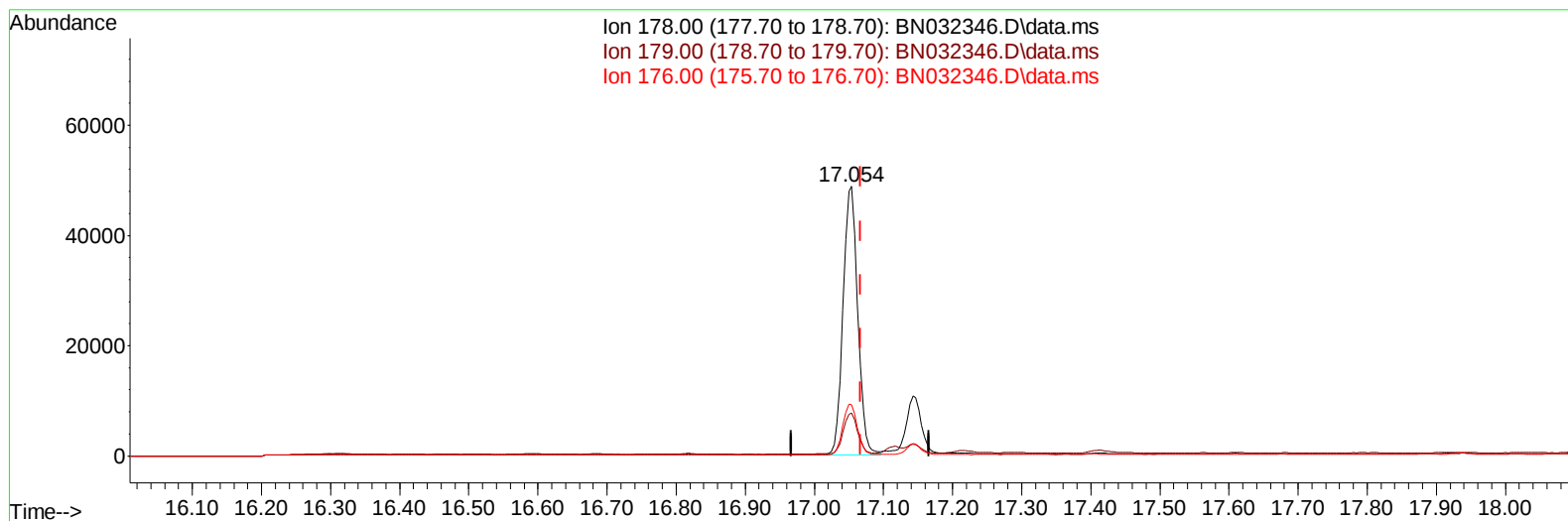
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 1.03 ng/u1 m

response 71913

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.84
176.00	19.50	19.01
0.00	0.00	0.00

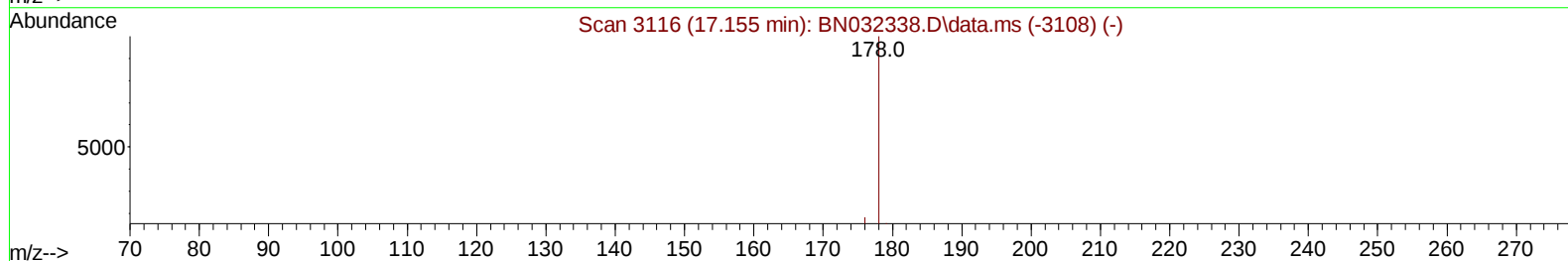
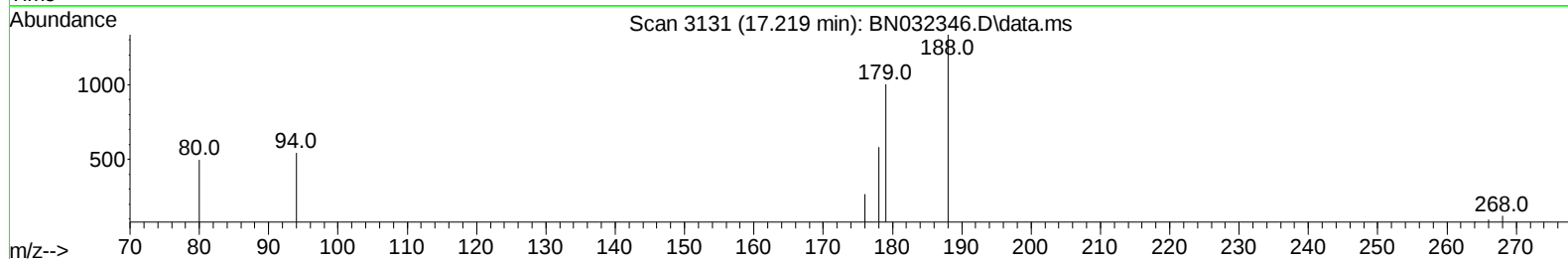
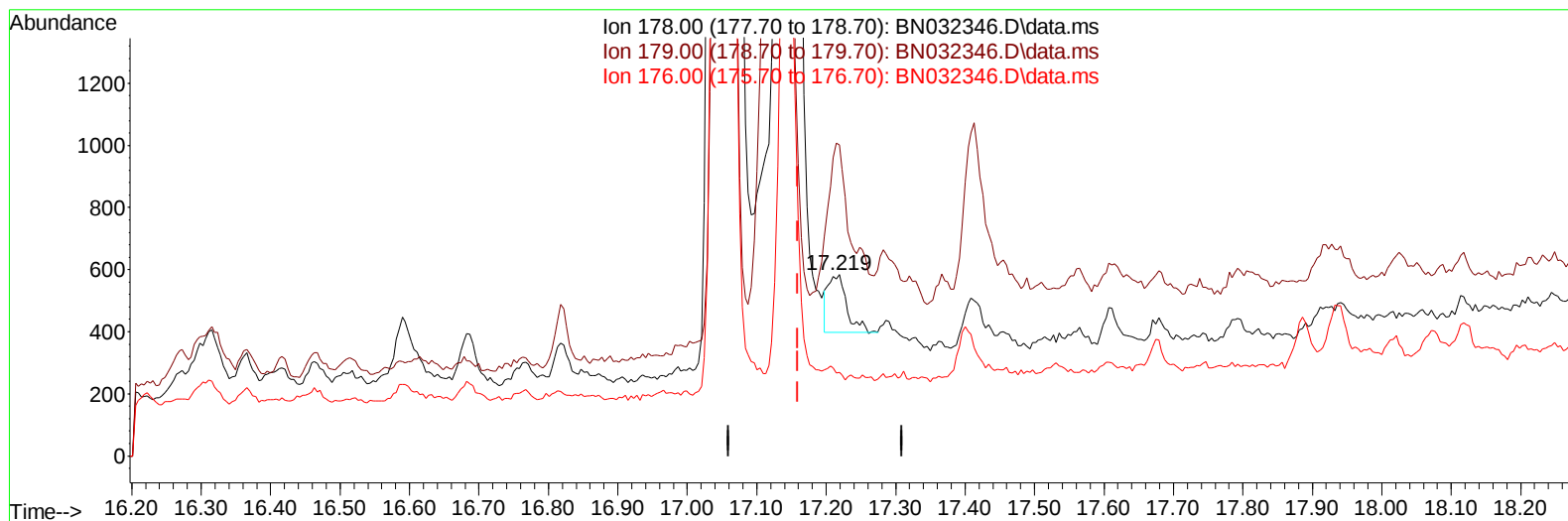
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(16) Anthracene

17.219min (+ 0.059) 0.01 ng/u1

response 341

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	171.58#
176.00	18.80	45.89#
0.00	0.00	0.00

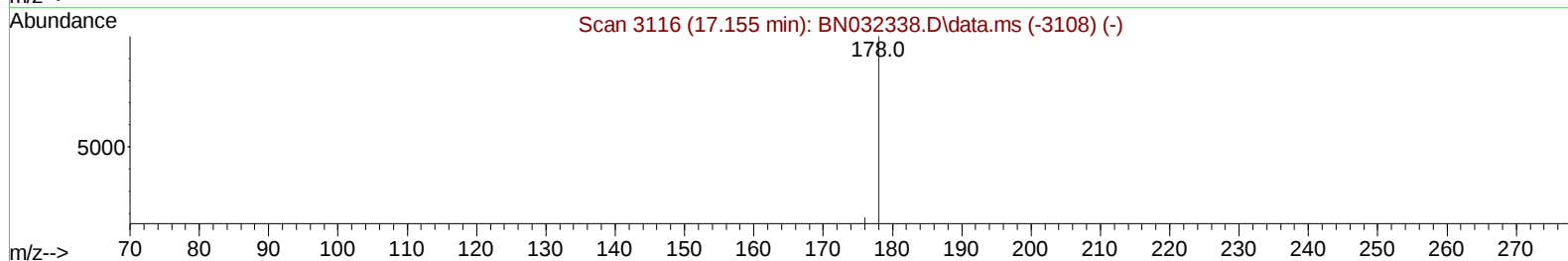
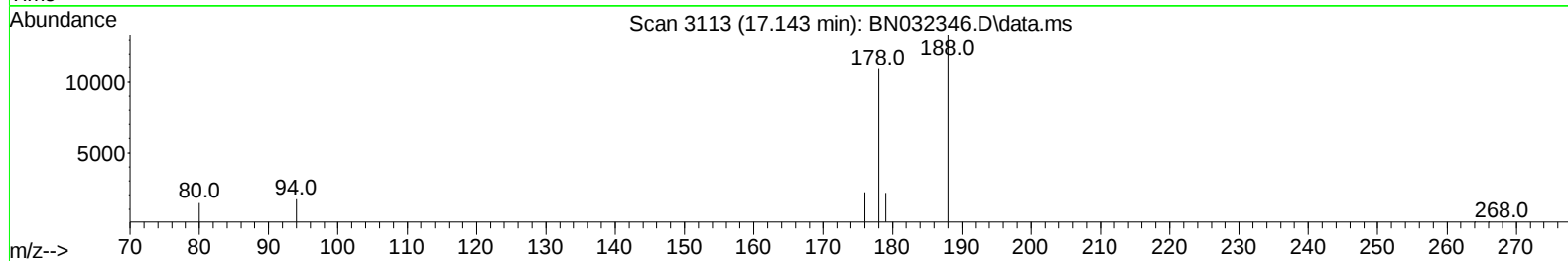
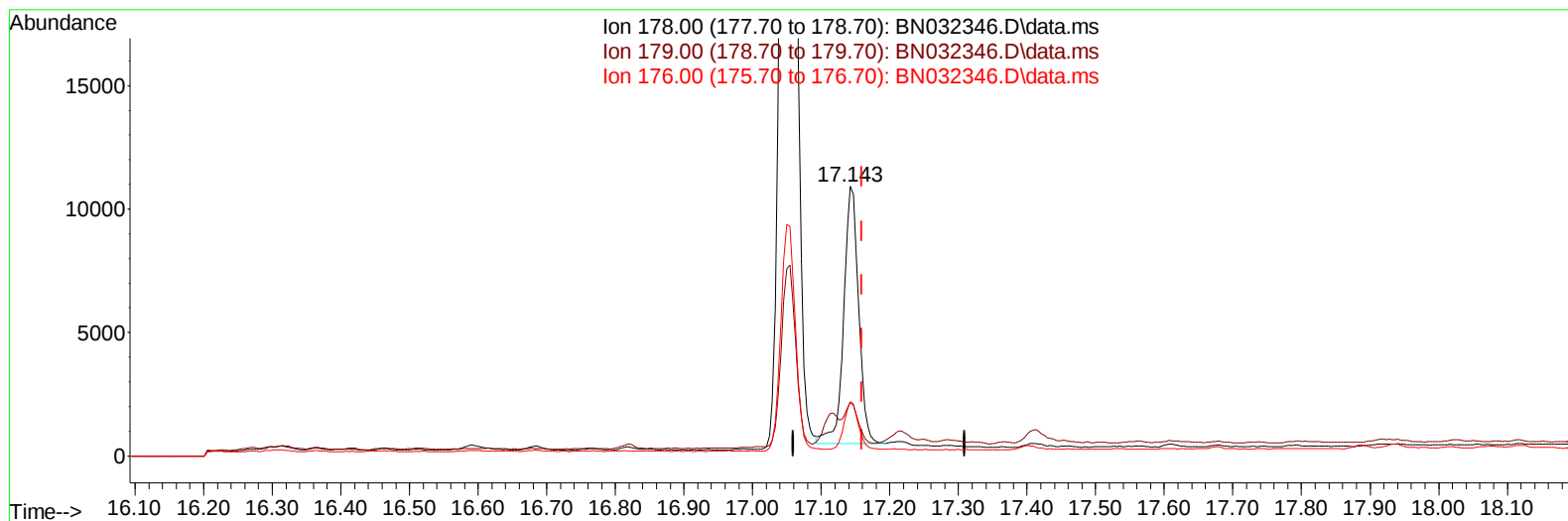
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(16) Anthracene

17.143min (-0.017) 0.25 ng/u1 m

response 15872

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	19.90#
176.00	18.80	20.19
0.00	0.00	0.00

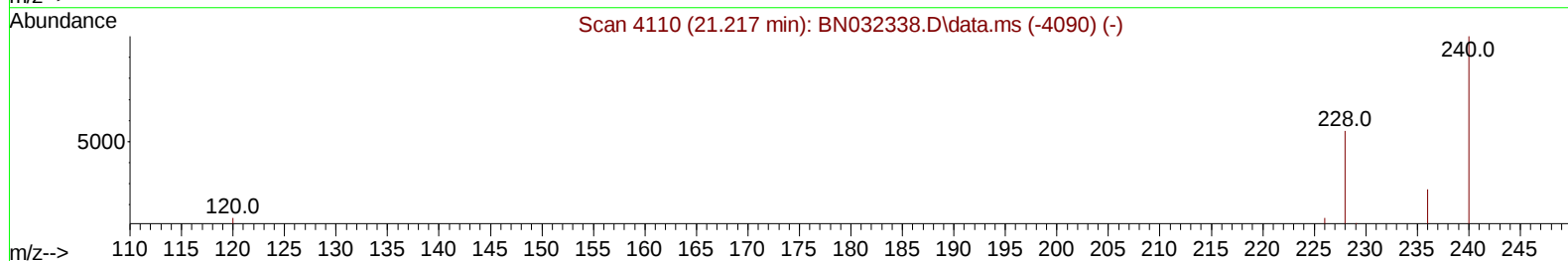
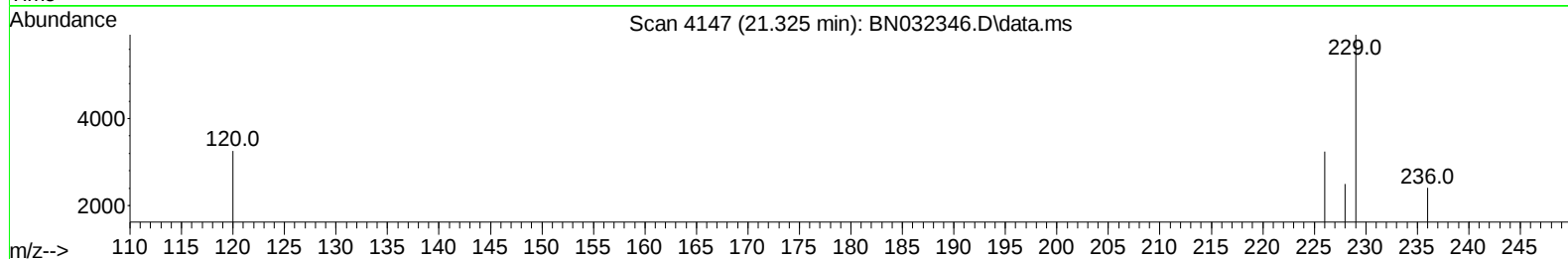
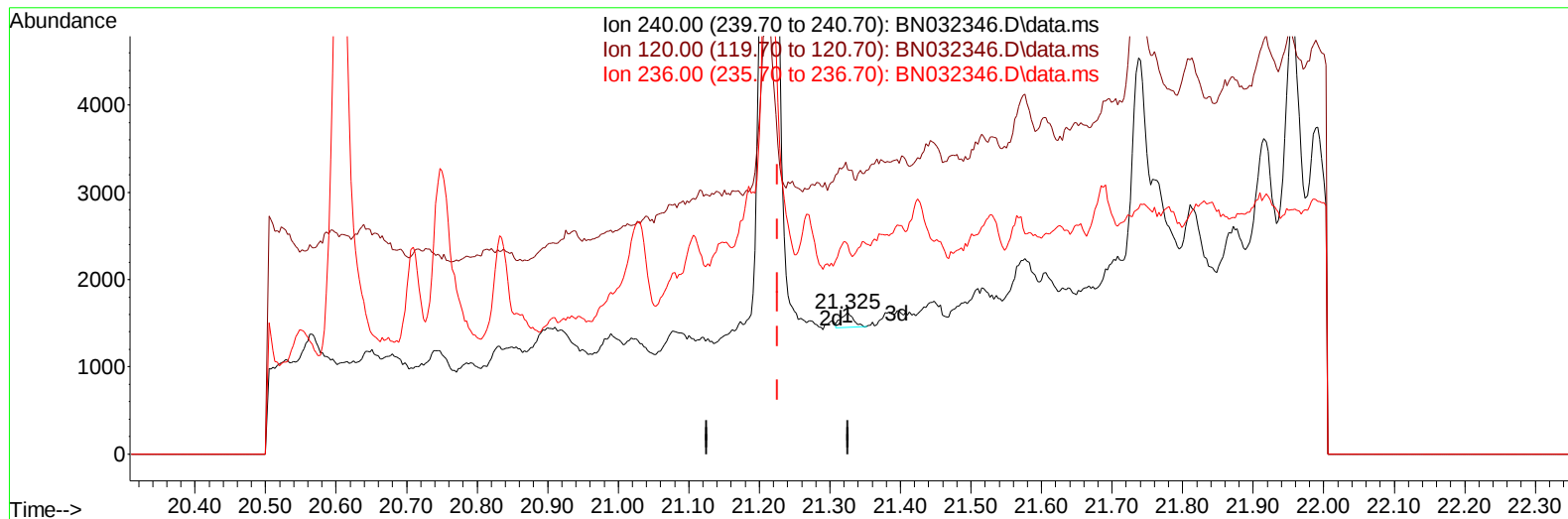
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(17) Chrysene-d12

21.325min (+ 0.099) 0.40 ng/u1

response 206

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	201.54#
236.00	28.40	148.36#
0.00	0.00	0.00

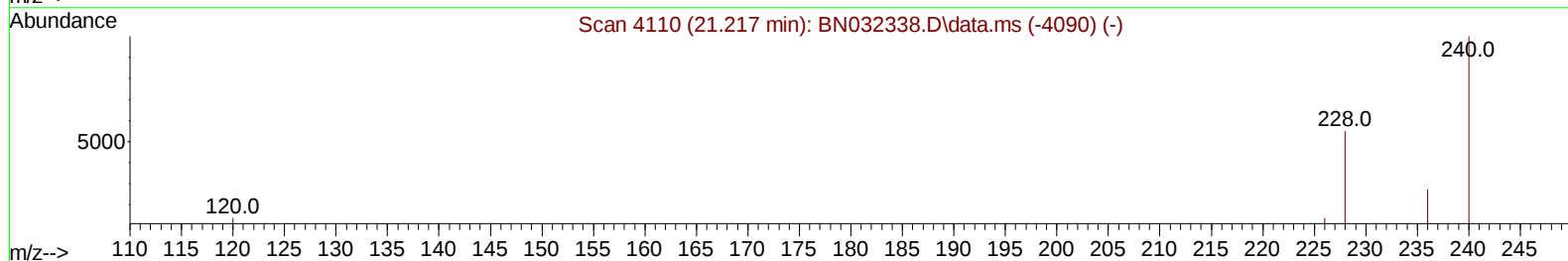
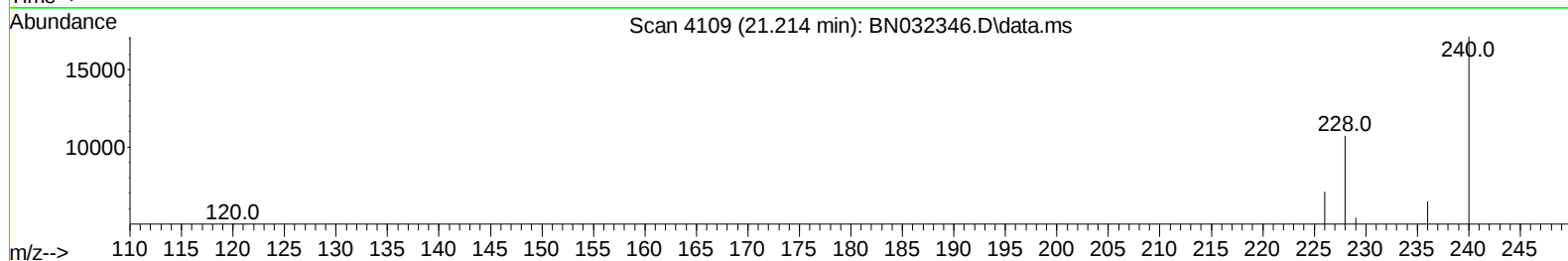
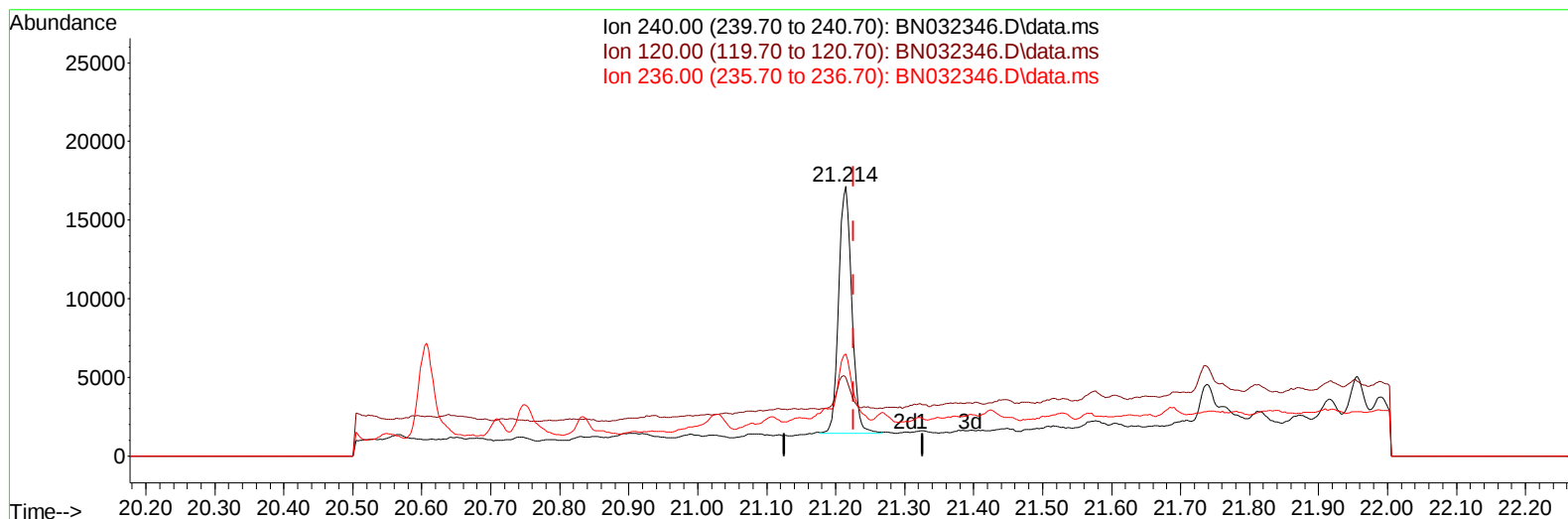
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/ul m

response 20698

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	29.20#
236.00	28.40	37.89#
0.00	0.00	0.00

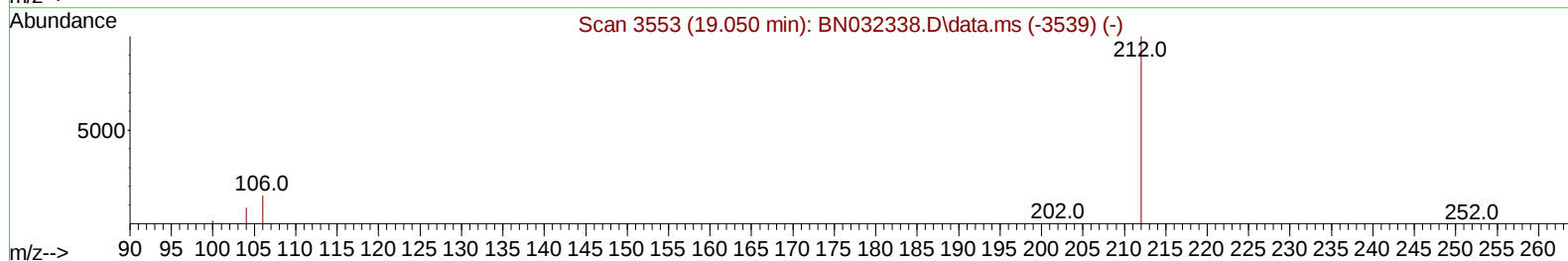
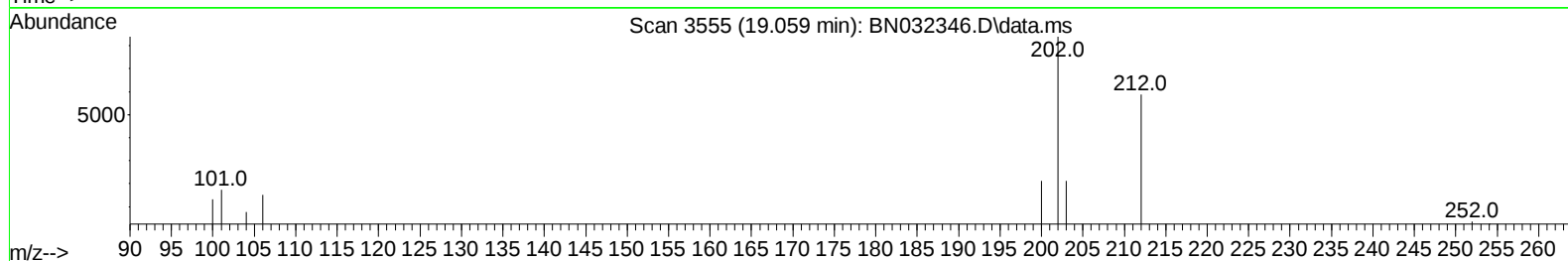
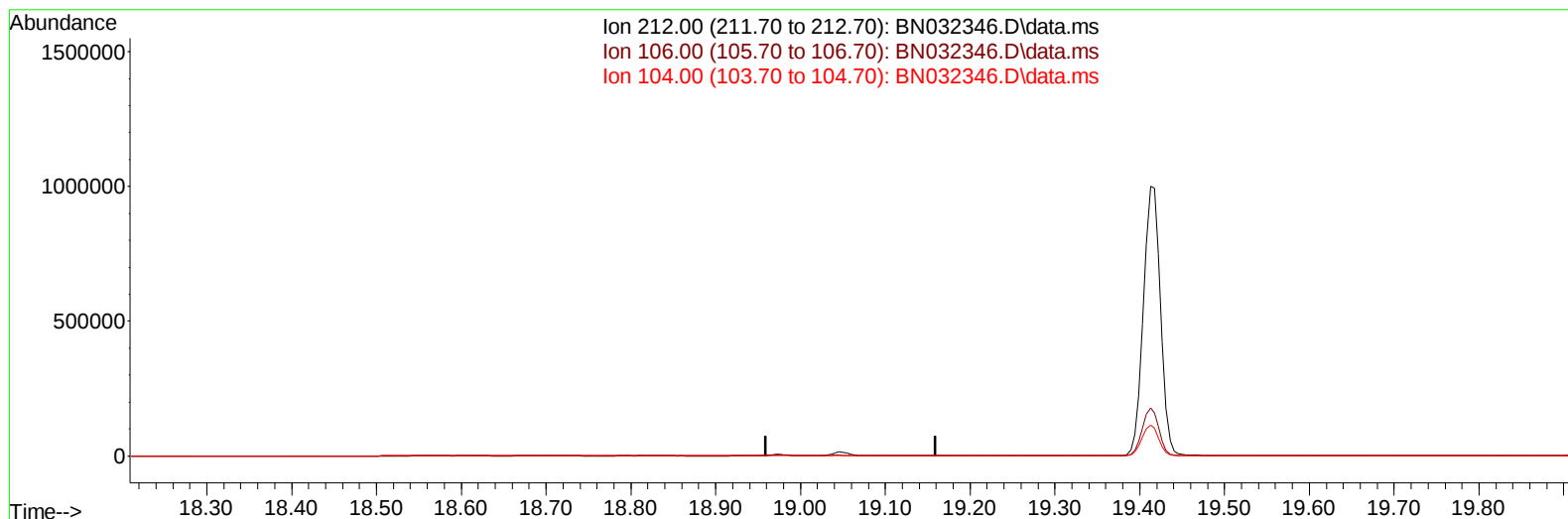
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.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

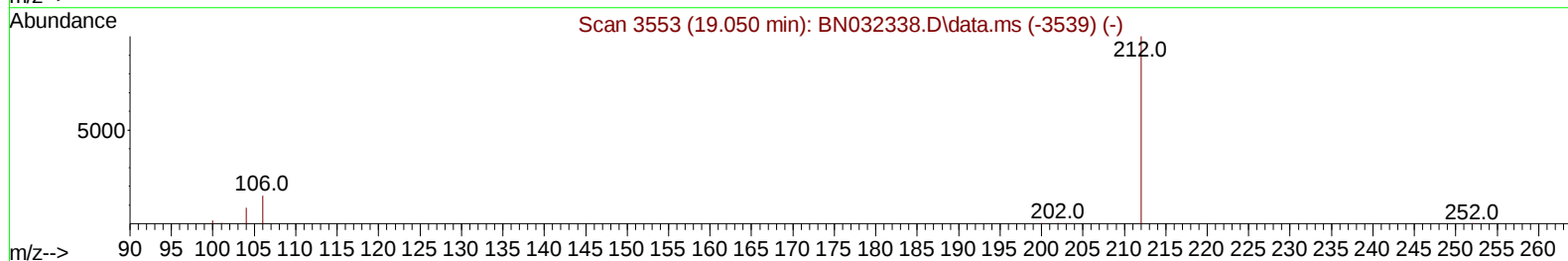
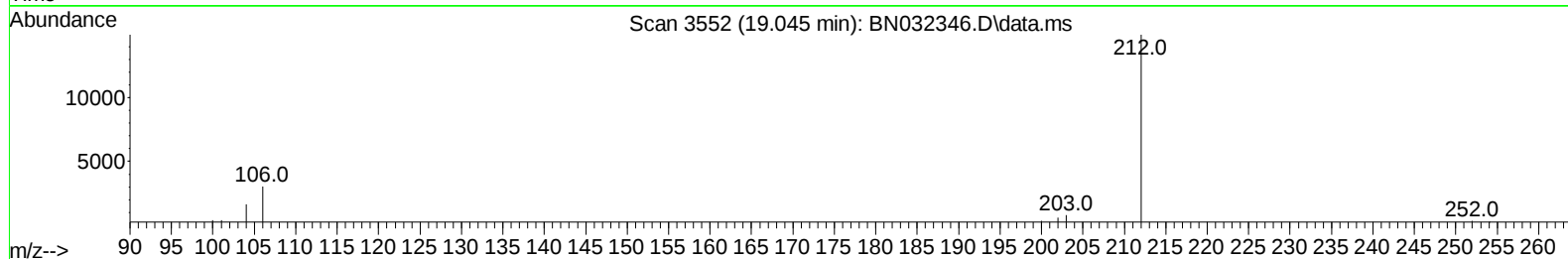
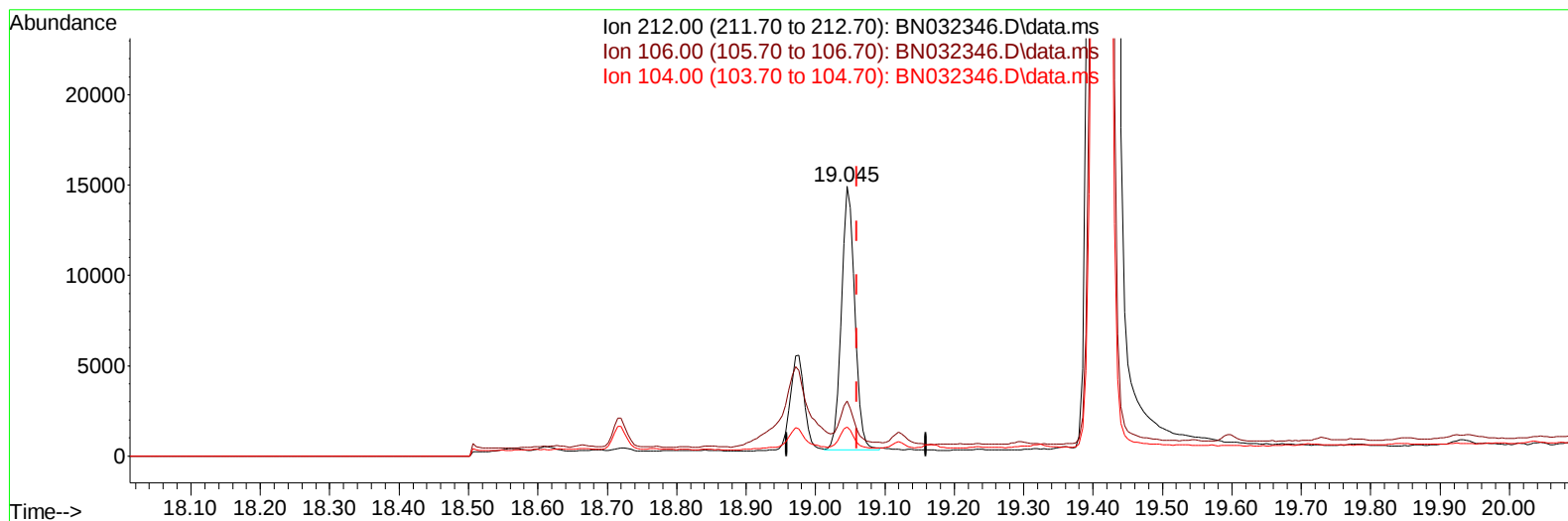
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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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: BN032346.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.32 ng/u1 m

response 19762

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

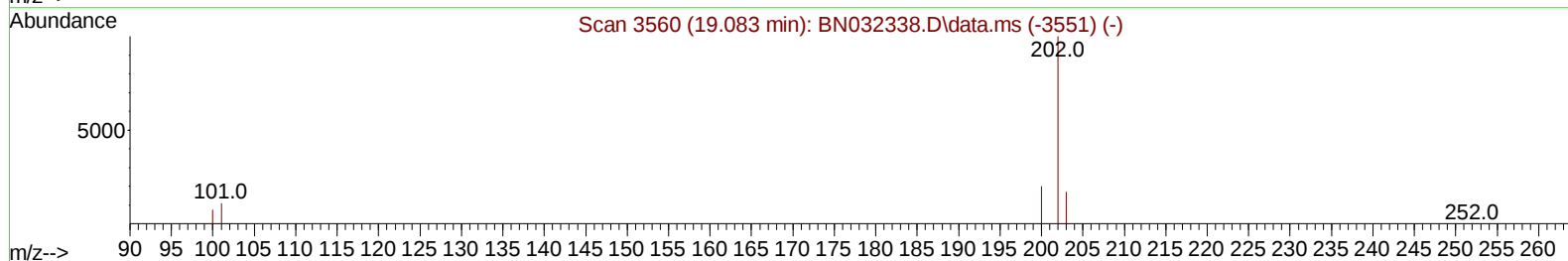
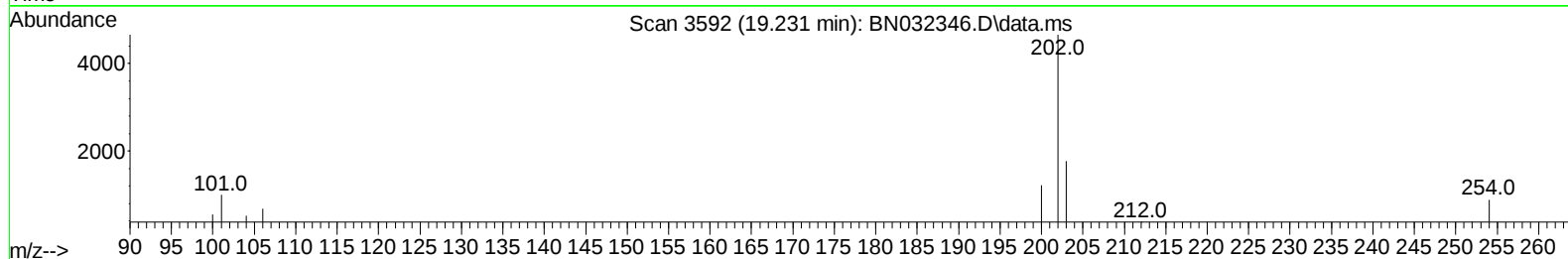
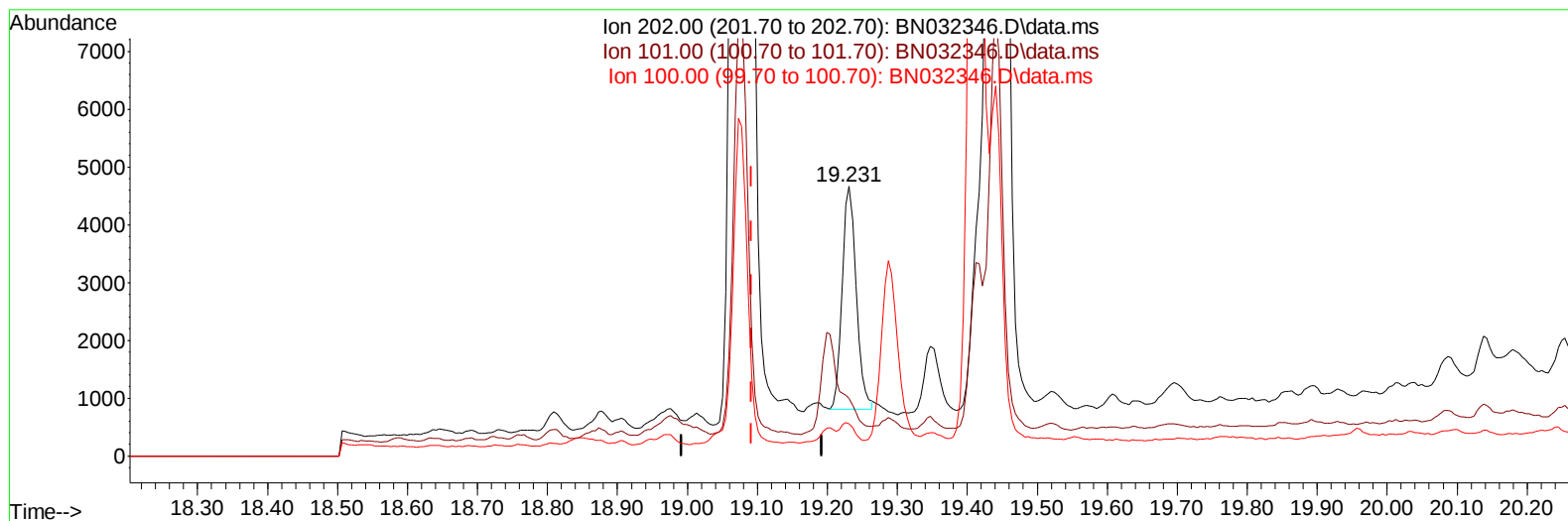
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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TIC: BN032346.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.07 ng/u1

response 5317

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	21.26#
100.00	8.00	11.82#
0.00	0.00	0.00

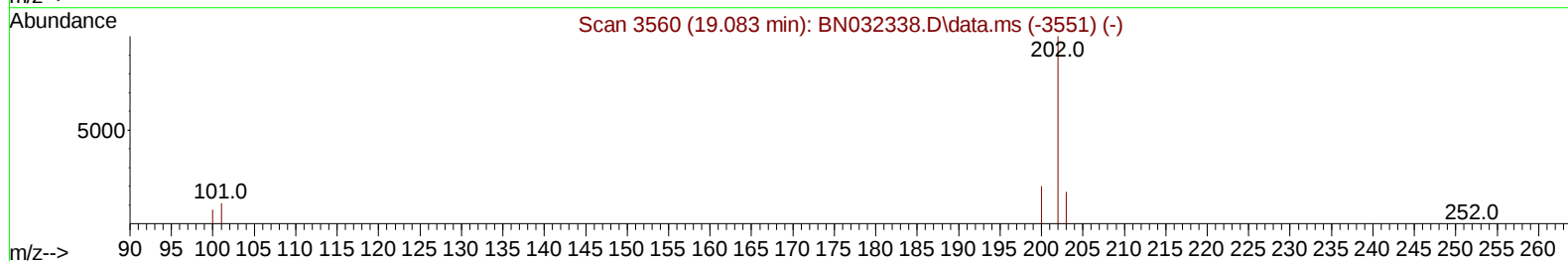
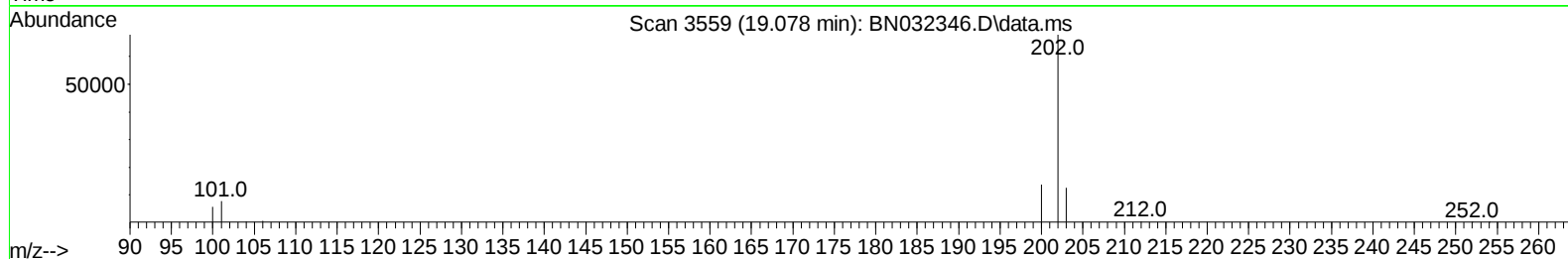
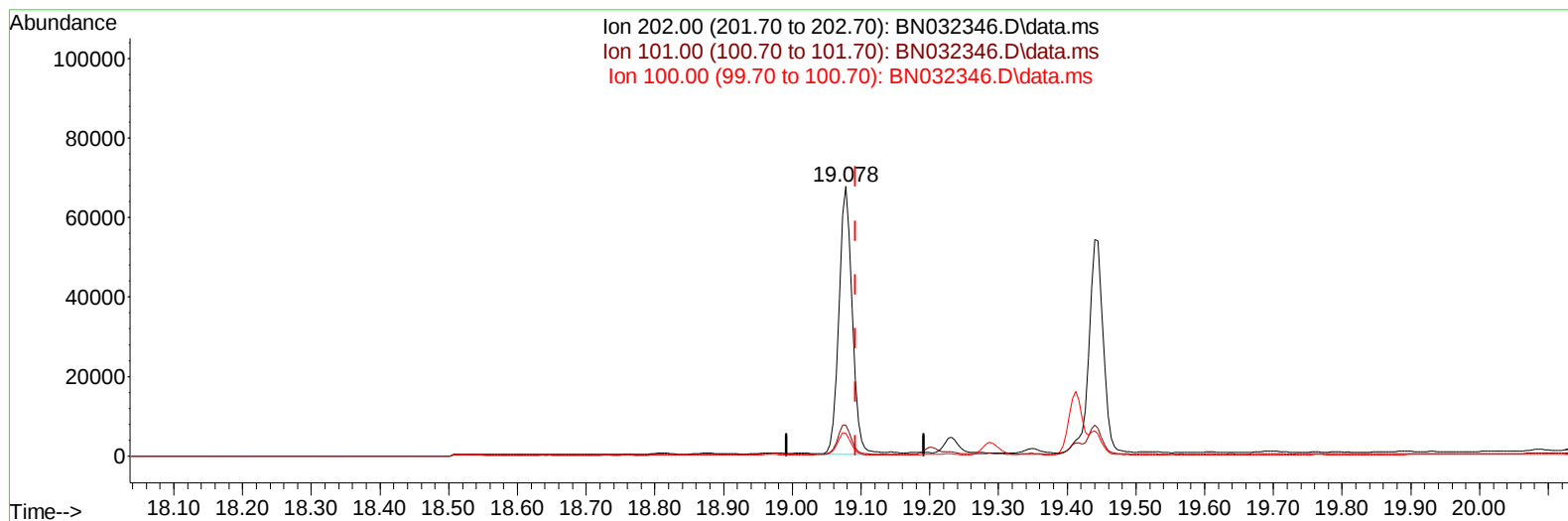
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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TIC: BN032346.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 1.15 ng/u1 m

response 90744

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.41
100.00	8.00	8.40
0.00	0.00	0.00

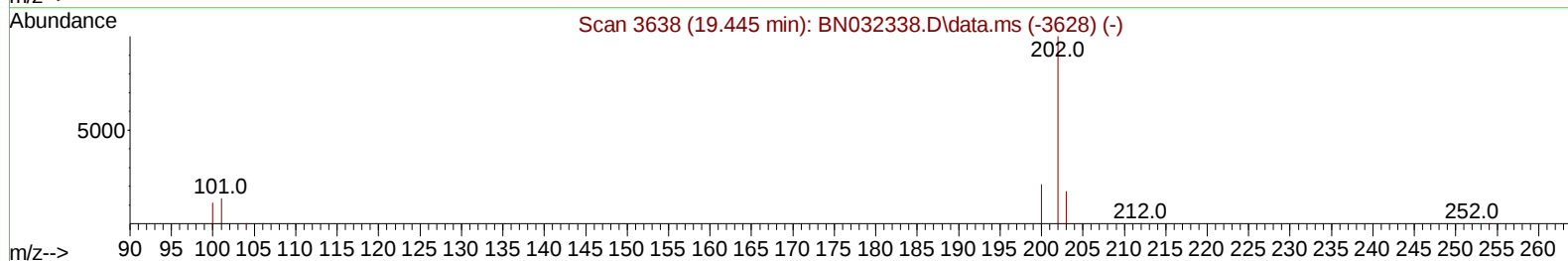
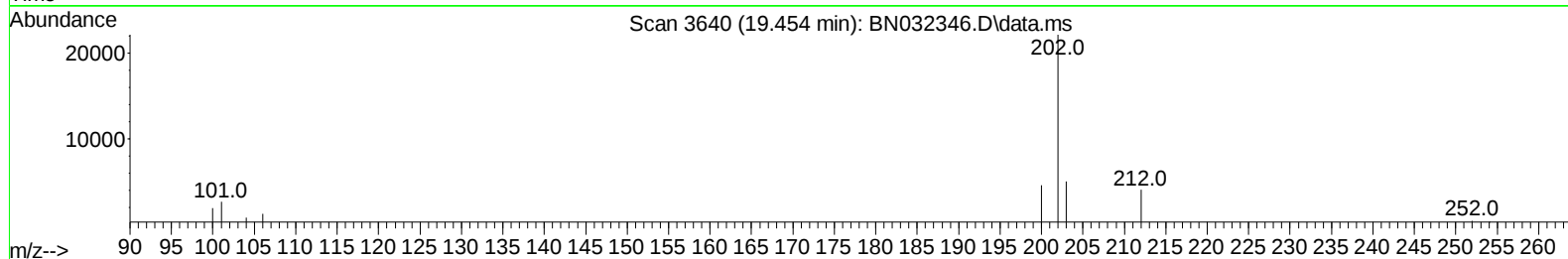
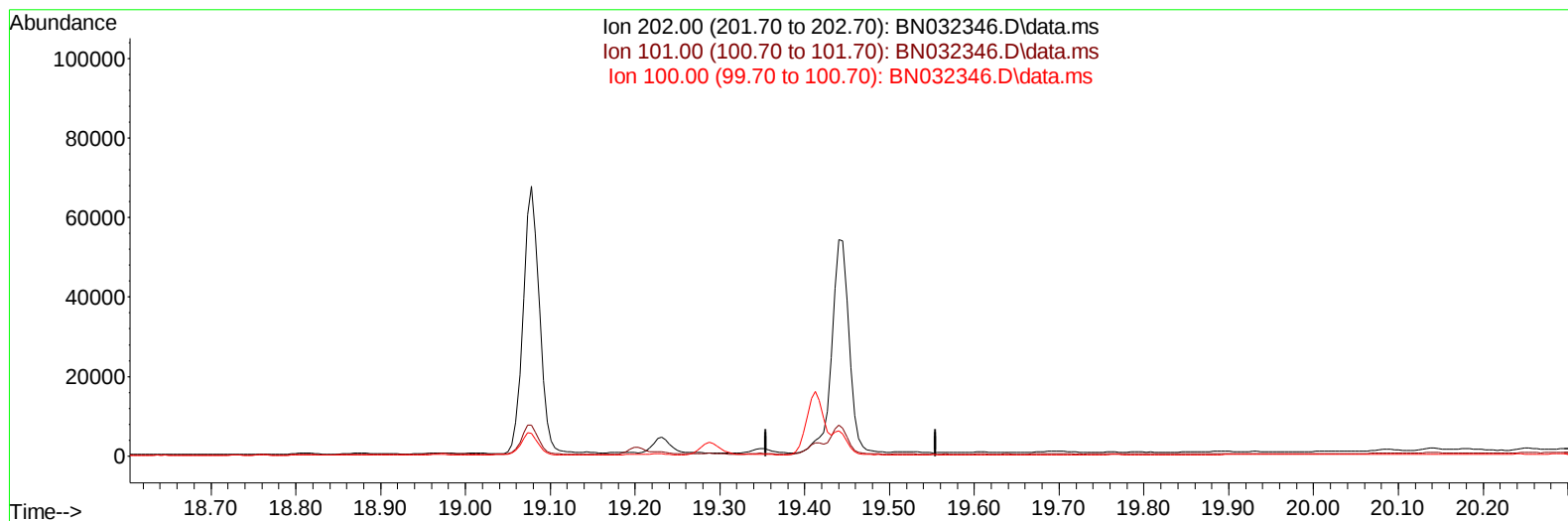
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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TIC: BN032346.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

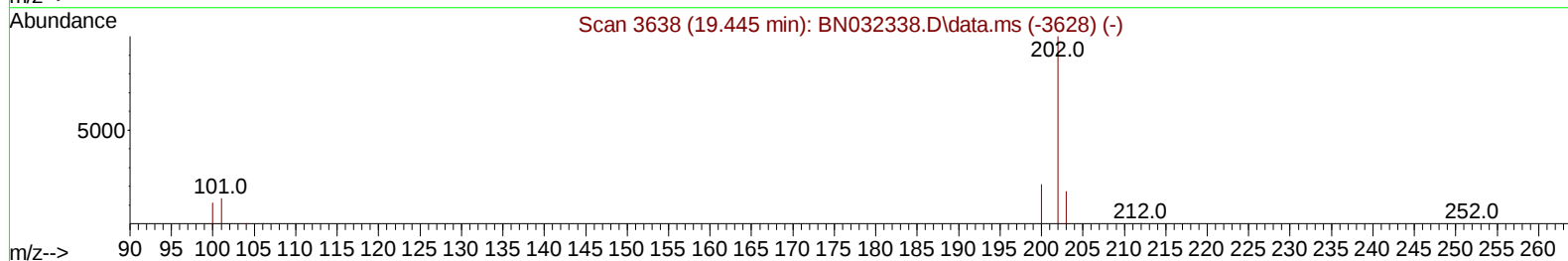
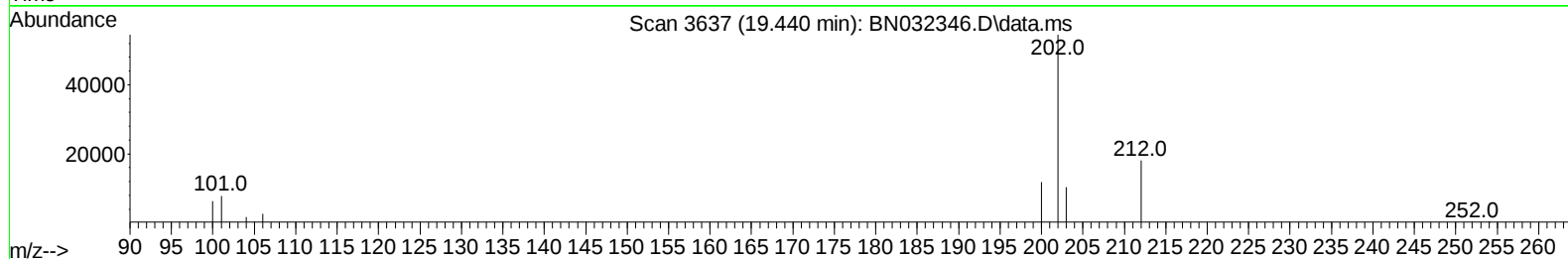
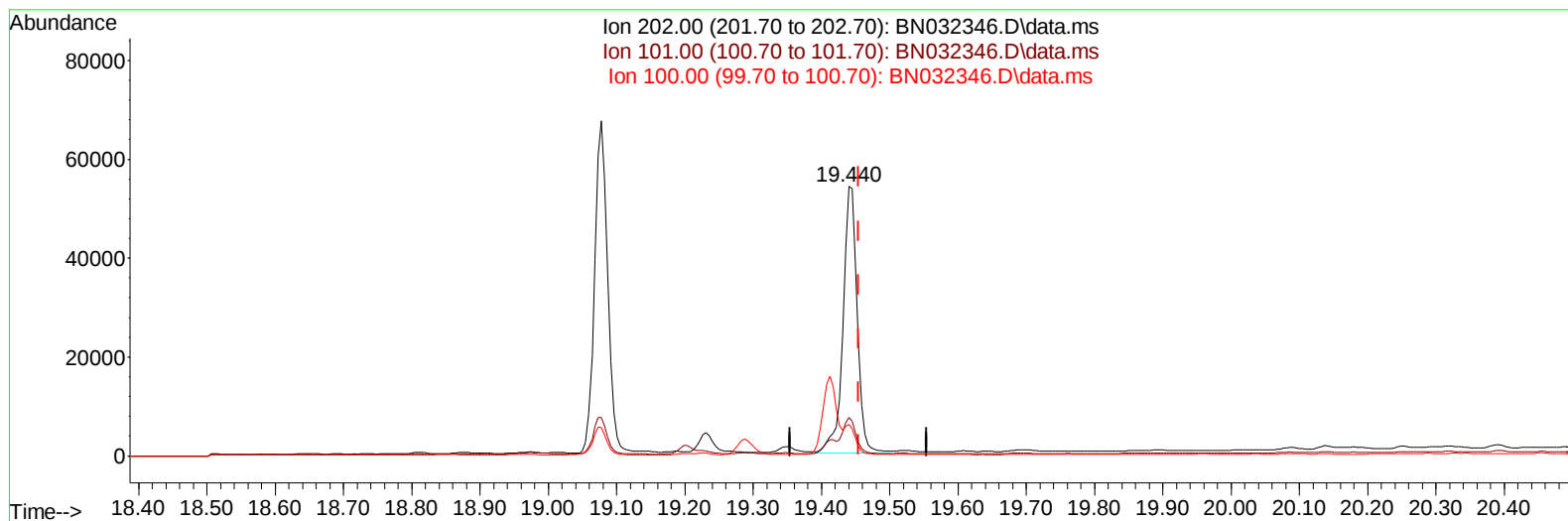
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(20) Pyrene

19.440min (-0.014) 0.95 ng/u1 m

response 77928

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	14.40
100.00	10.90	11.74
0.00	0.00	0.00

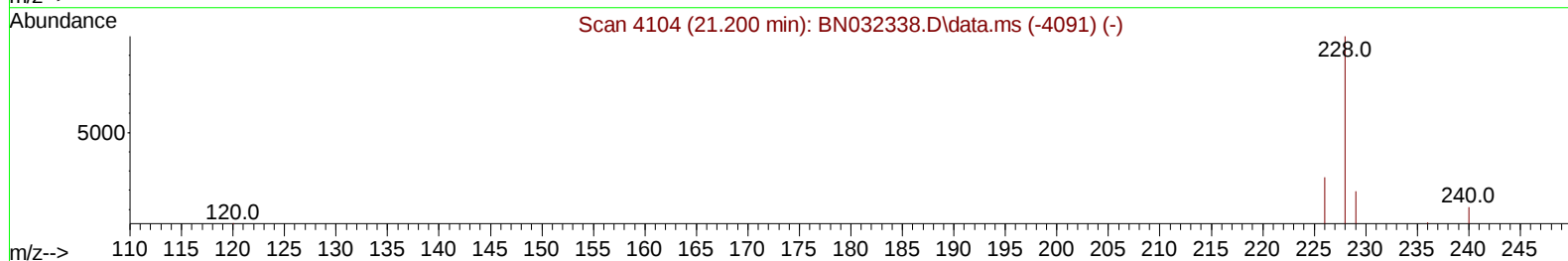
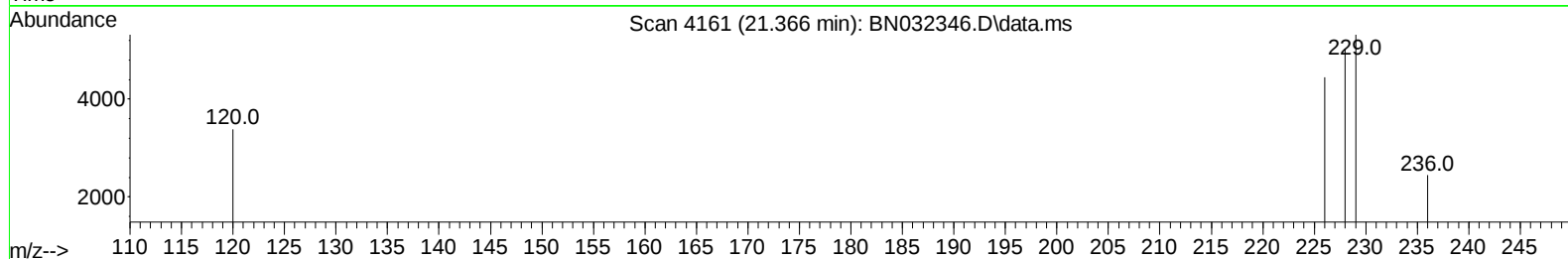
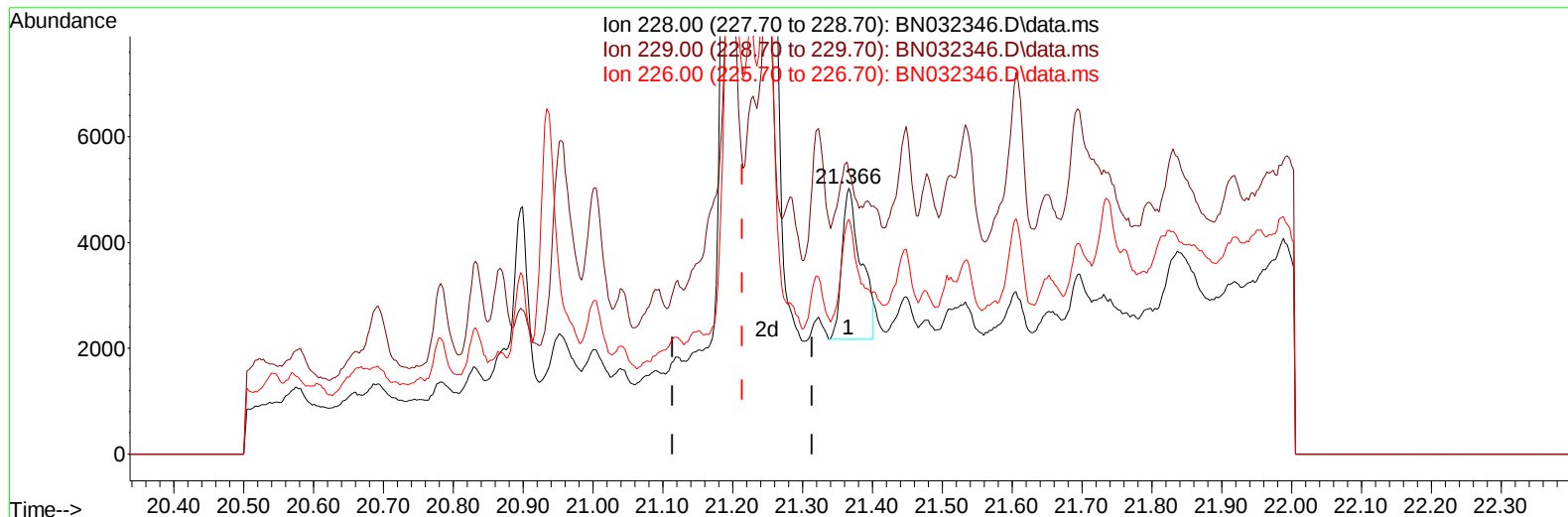
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2024
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TIC: BN032346.D\data.ms

(21) Benzo(a)anthracene

21.366min (+ 0.152) 0.07 ng/u1

response 5458

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	105.79#
226.00	27.30	88.40#
0.00	0.00	0.00

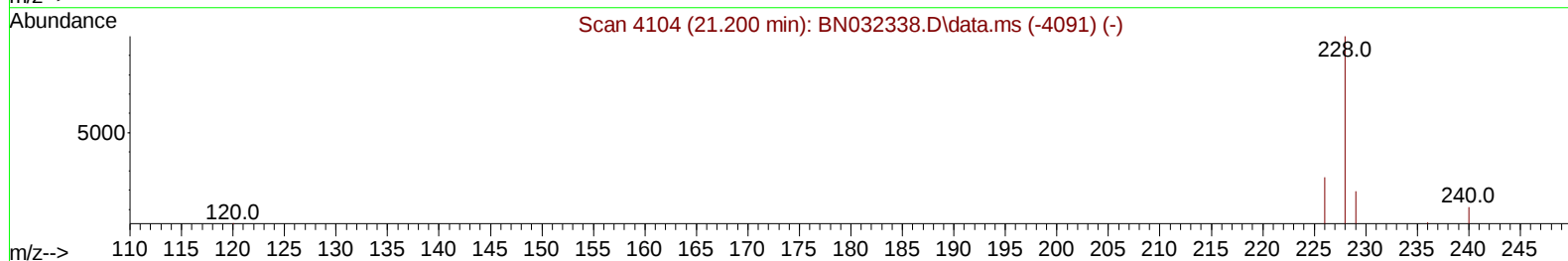
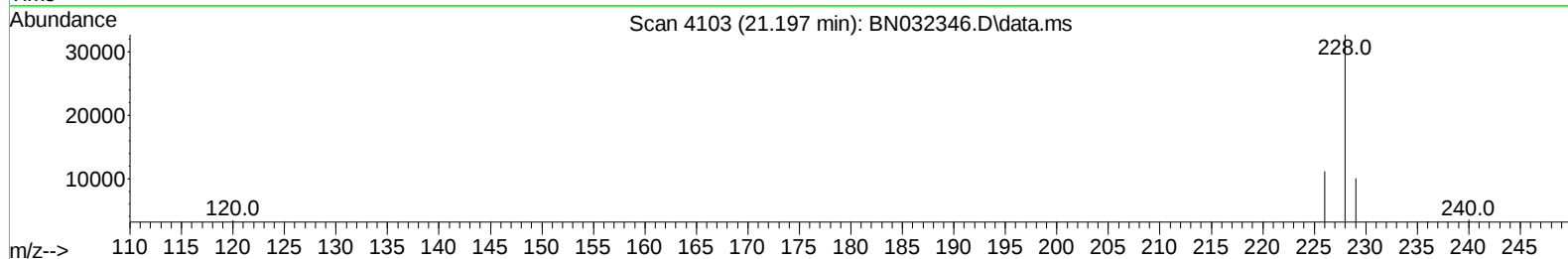
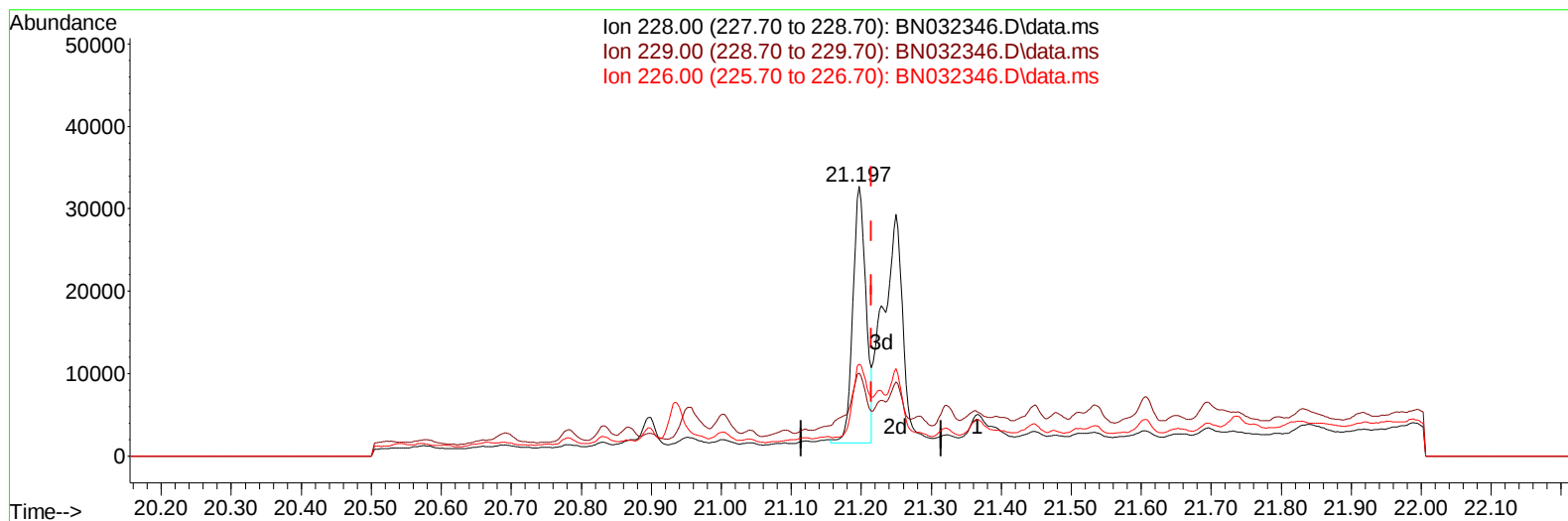
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032346.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 0.55 ng/u1 m

response 40795

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	30.80#
226.00	27.30	34.10#
0.00	0.00	0.00

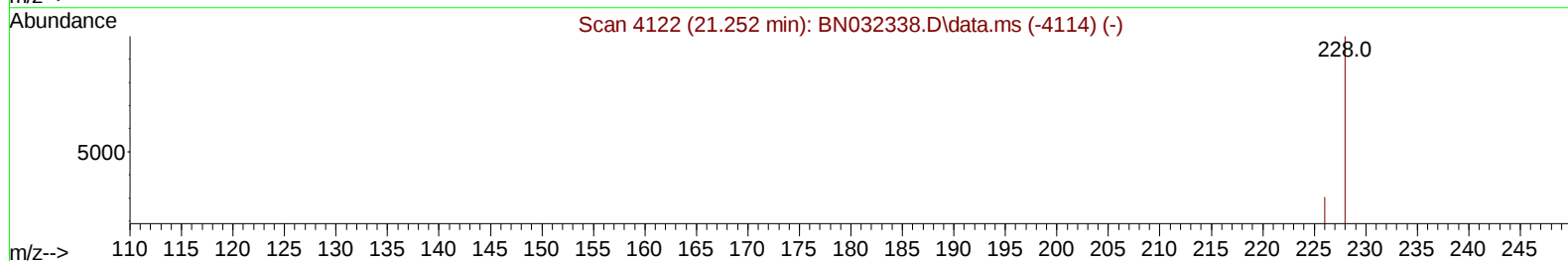
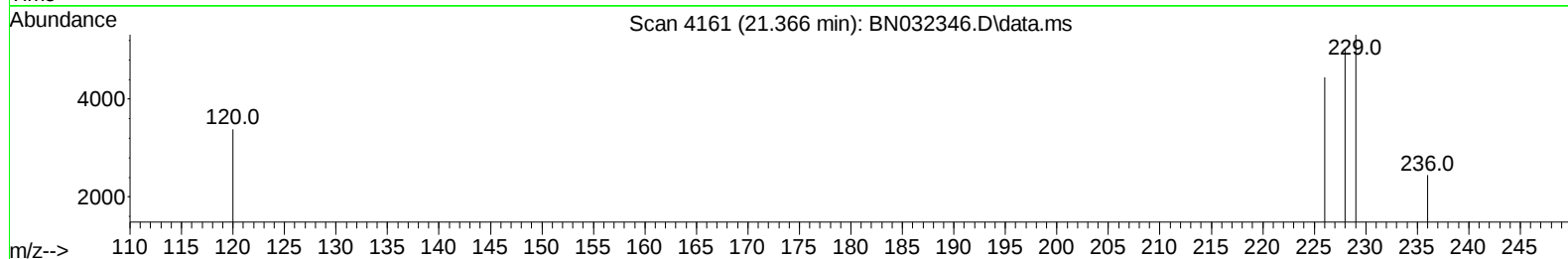
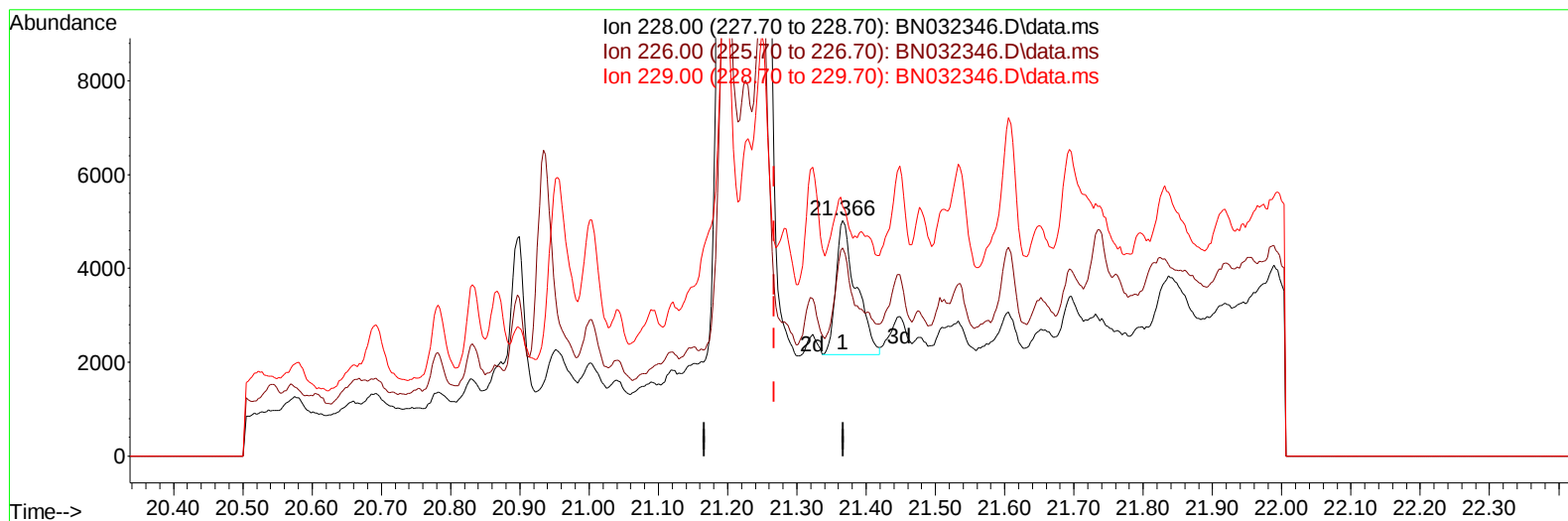
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(22) Chrysene

21.366min (+ 0.099) 0.07 ng/u1

response 5763

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	88.40#
229.00	19.60	105.79#
0.00	0.00	0.00

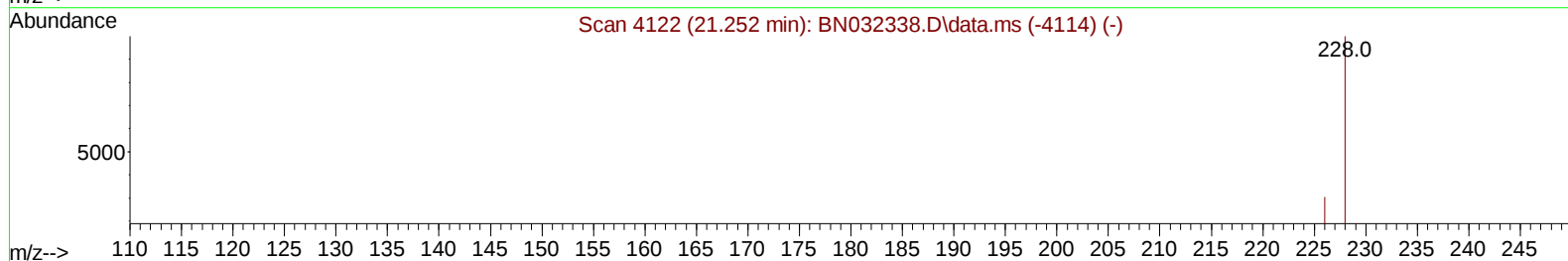
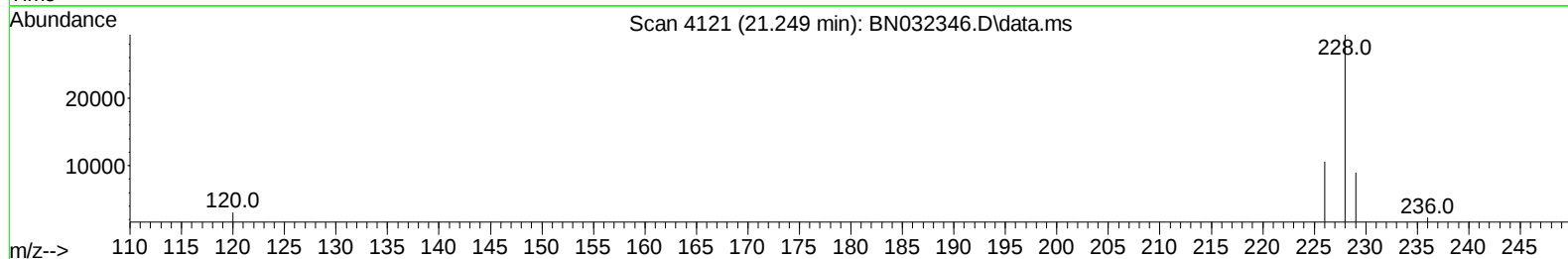
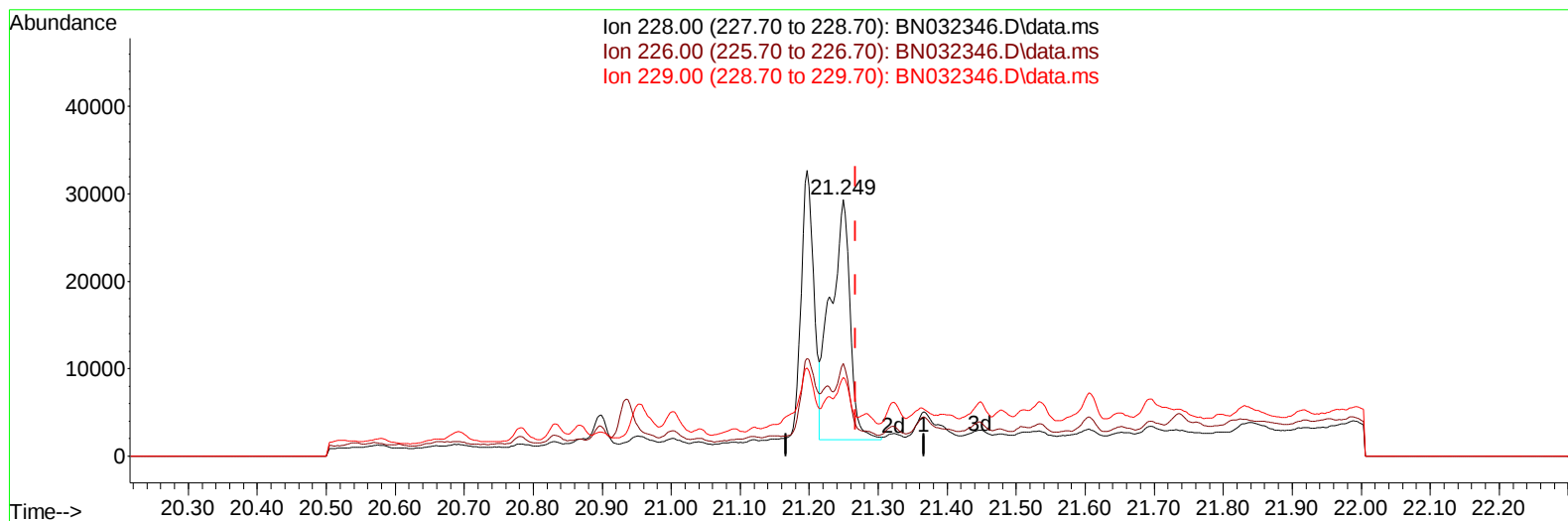
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032346.D\data.ms

(22) Chrysene

21.249min (-0.018) 0.66 ng/u1 m

response 53953

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	36.12#
229.00	19.60	30.69#
0.00	0.00	0.00

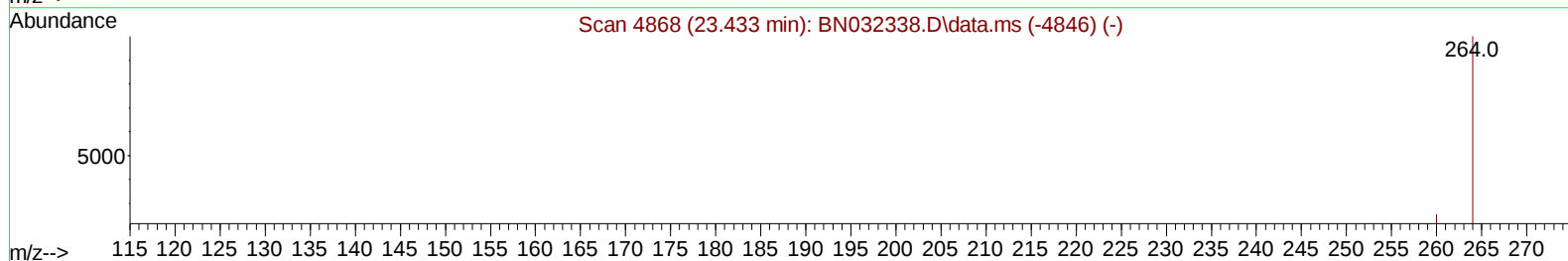
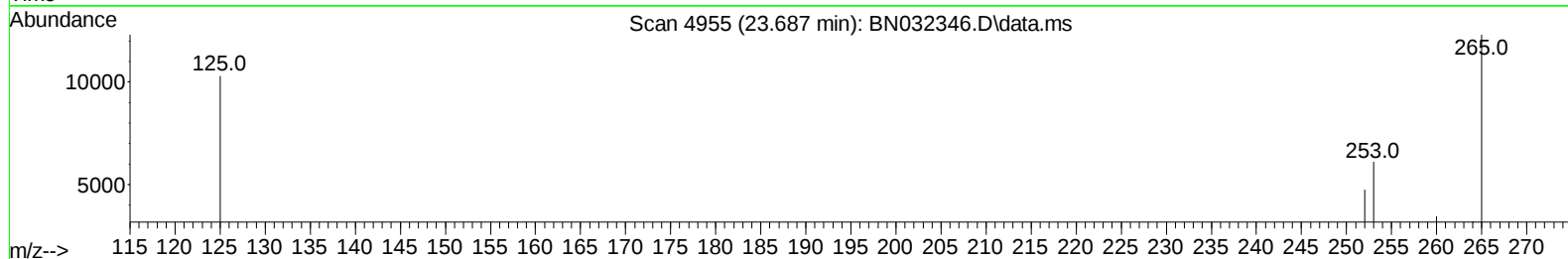
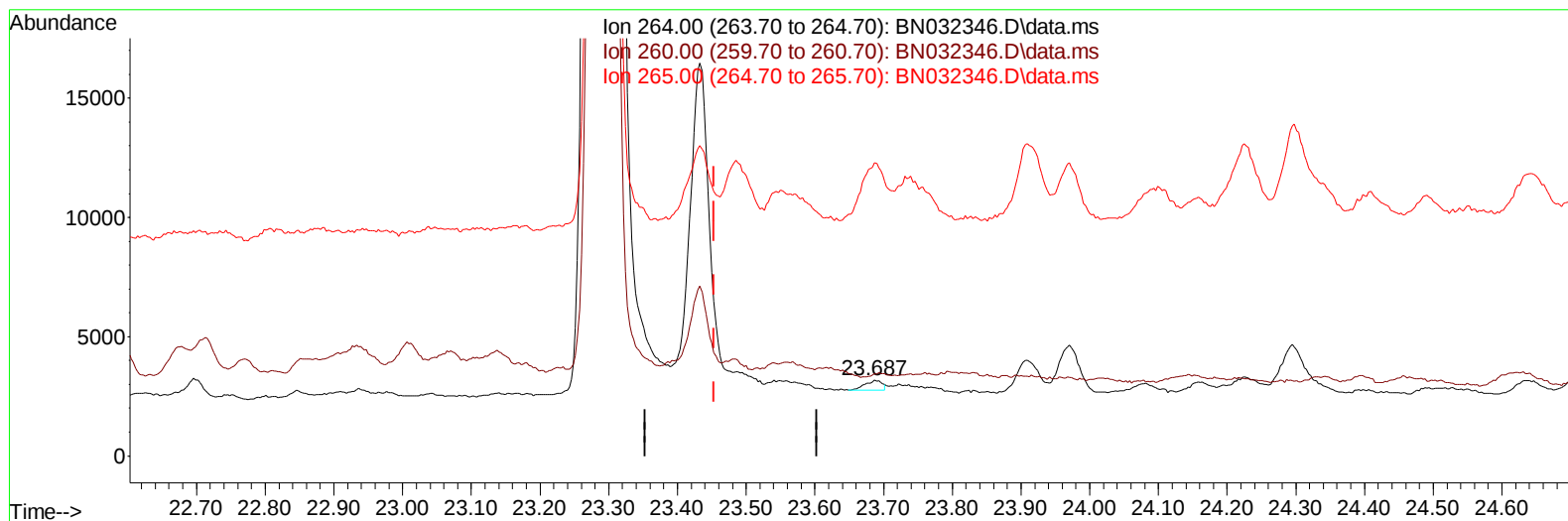
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(23) Perylene-d12 (I)

23.687min (+ 0.234) 0.40 ng/u1

response 737

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	108.41#
265.00	67.20	387.37#
0.00	0.00	0.00

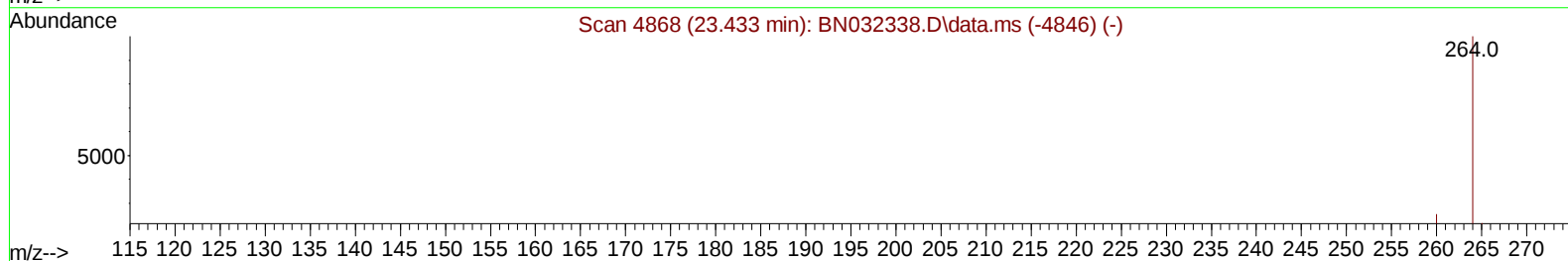
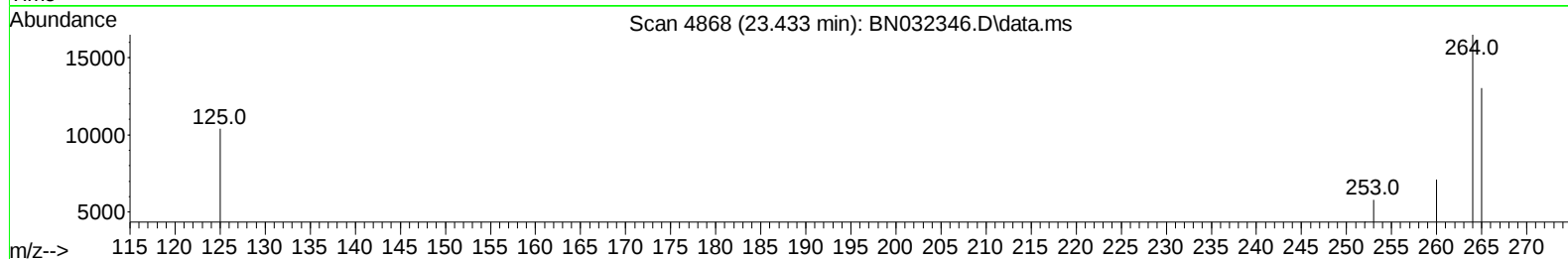
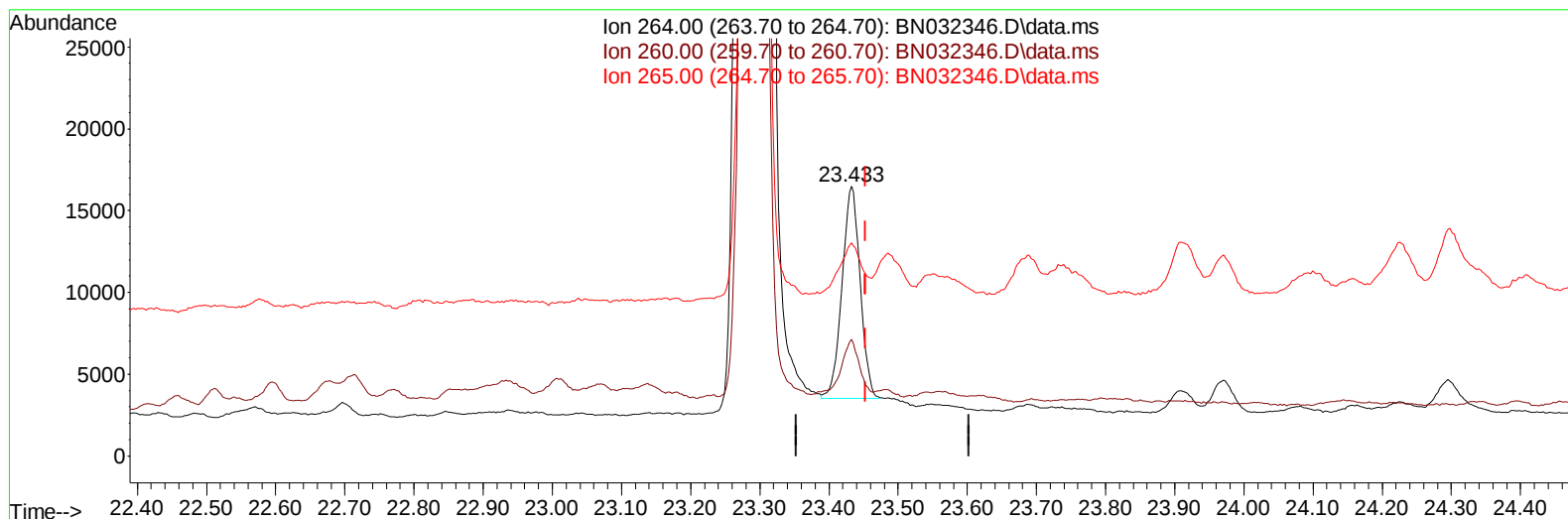
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.021) 0.40 ng/ul m

response 23650

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	43.18#
265.00	67.20	79.04
0.00	0.00	0.00

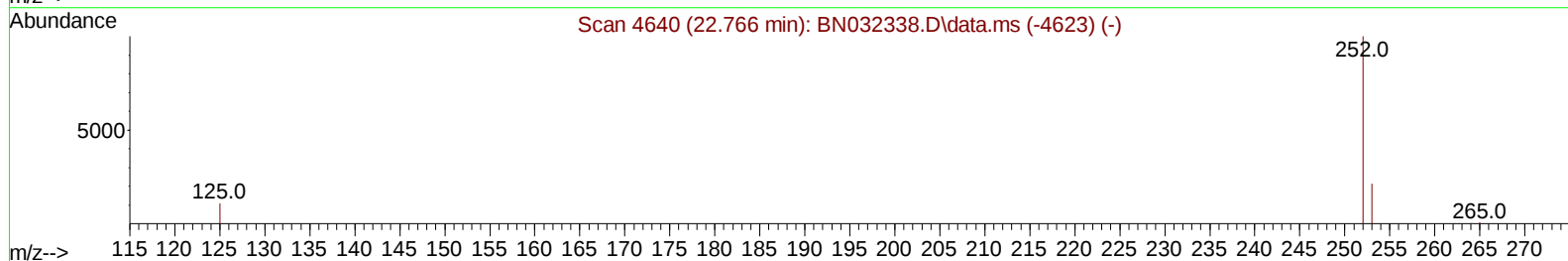
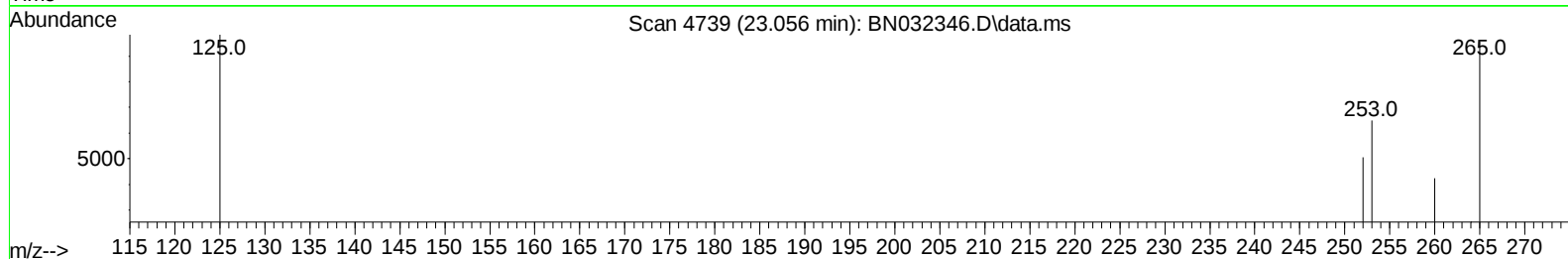
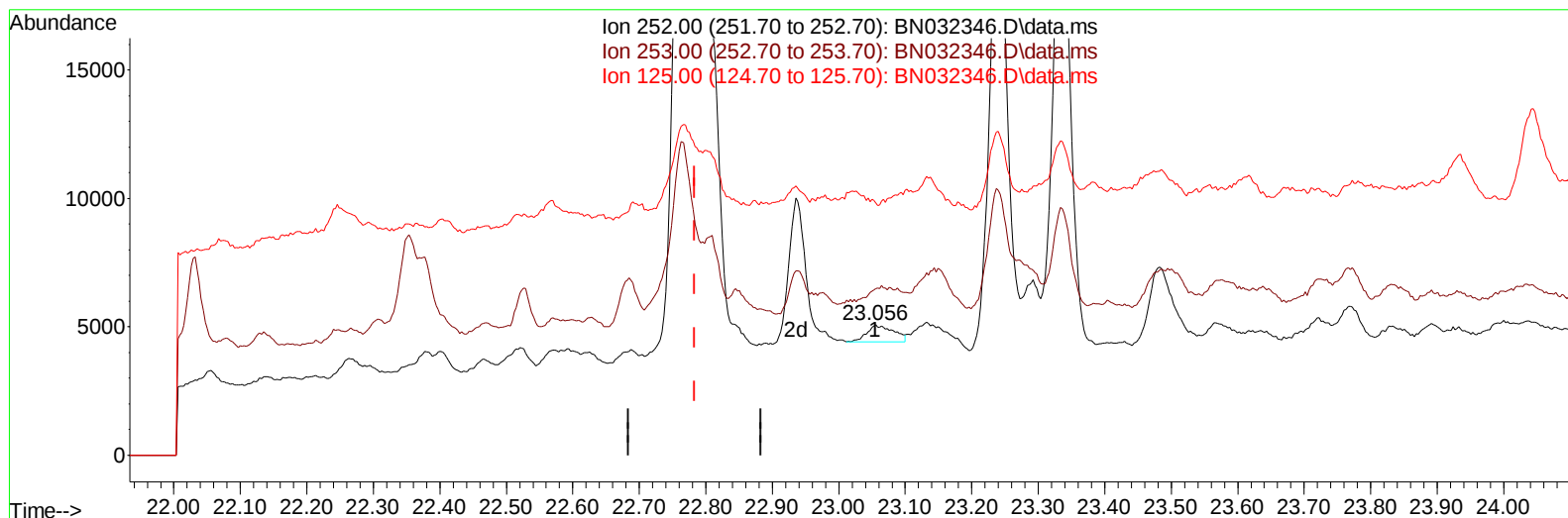
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032346.D\data.ms

(24) Benzo(b)fluoranthene

23.056min (+ 0.272) 0.02 ng/u1

response 1821

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	127.96#
125.00	16.00	193.92#
0.00	0.00	0.00

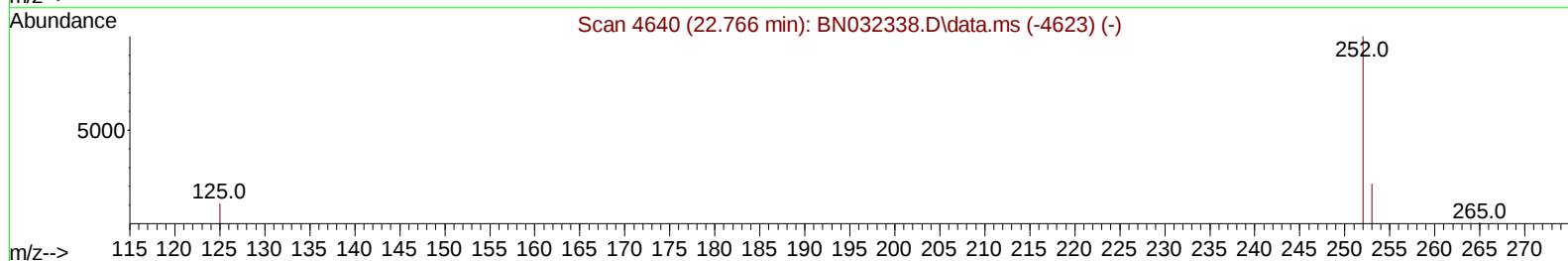
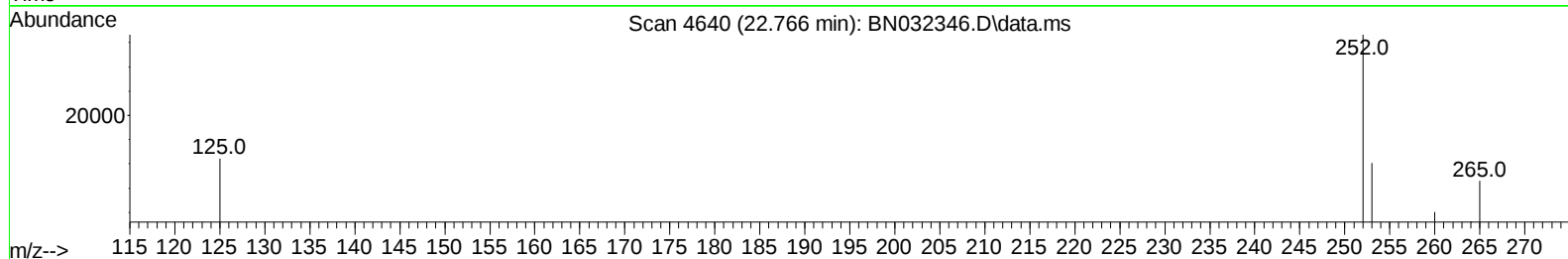
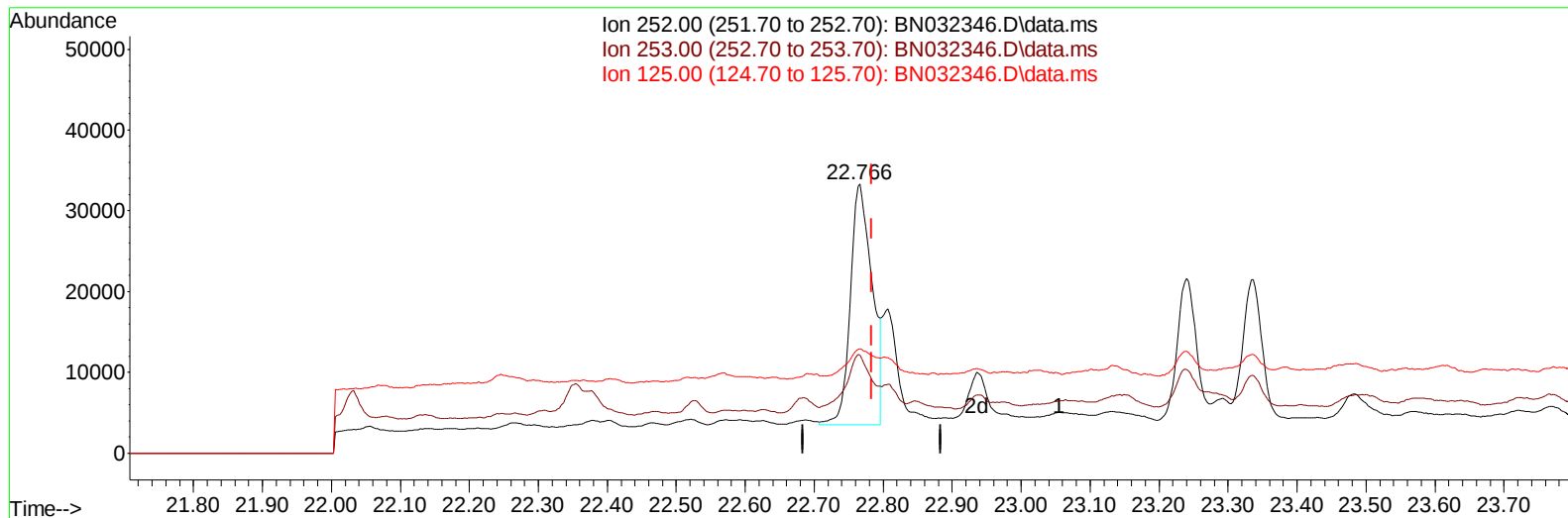
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 0.63 ng/u1 m

response 64989

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	36.51
125.00	16.00	38.71#
0.00	0.00	0.00

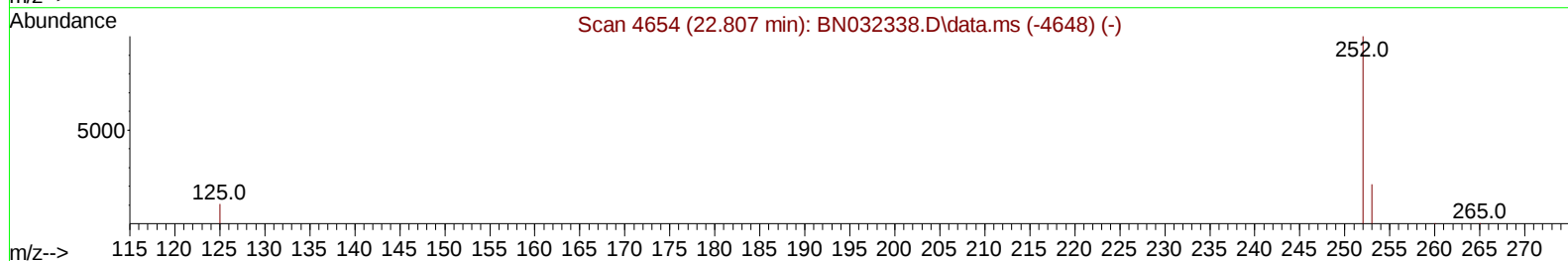
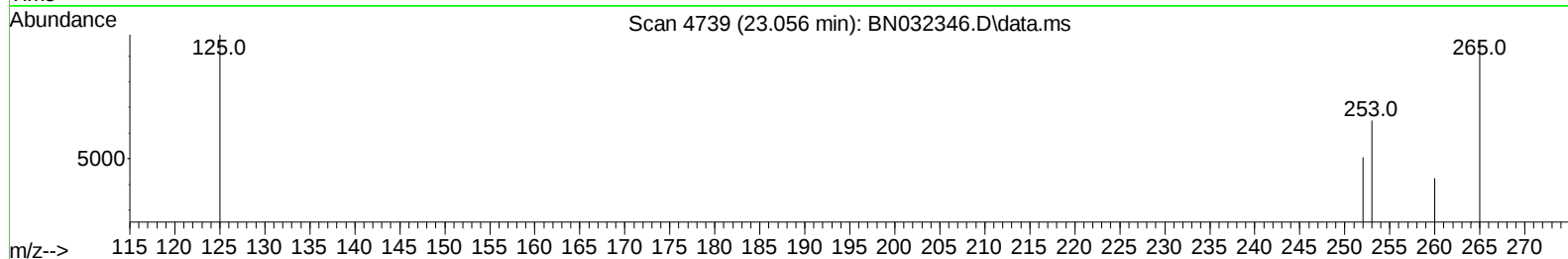
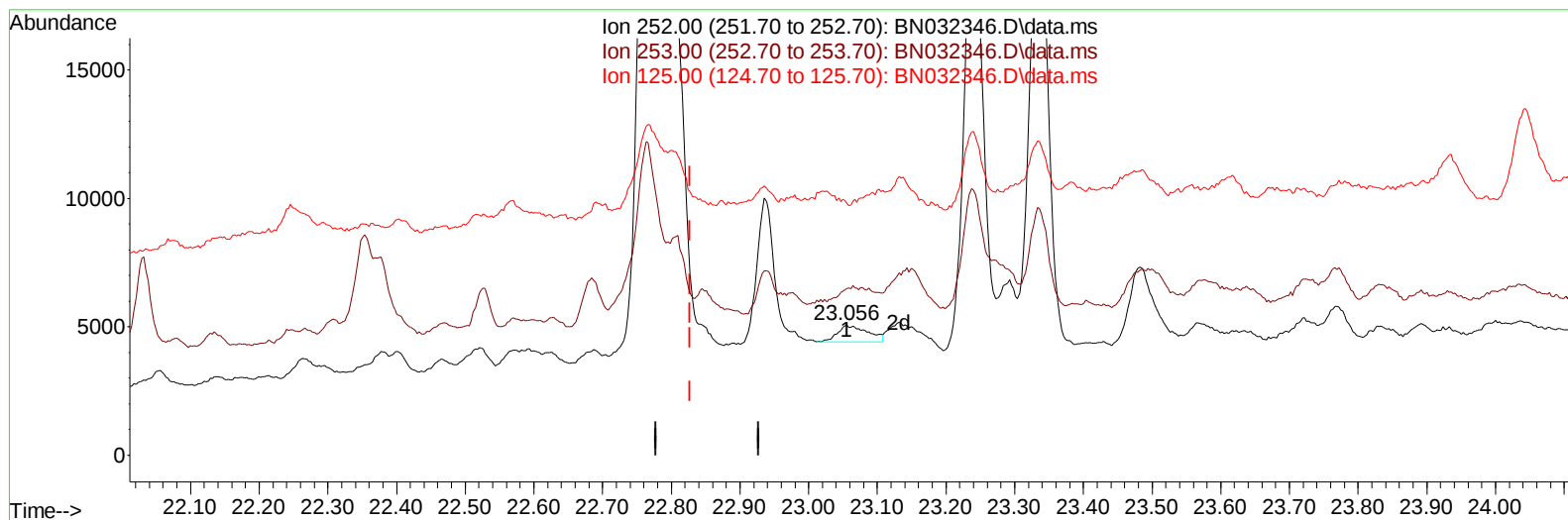
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(25) Benzo(k)fluoranthene

23.056min (+ 0.228) 0.02 ng/u1

response 1967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	127.96#
125.00	16.00	193.92#
0.00	0.00	0.00

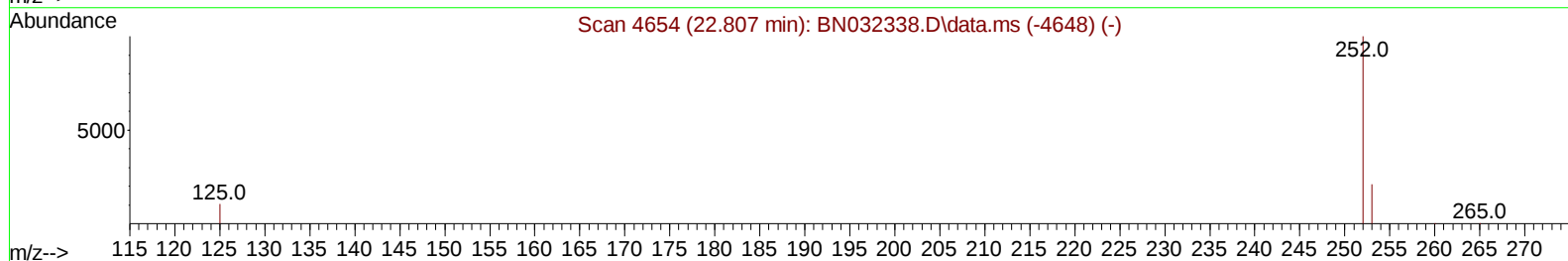
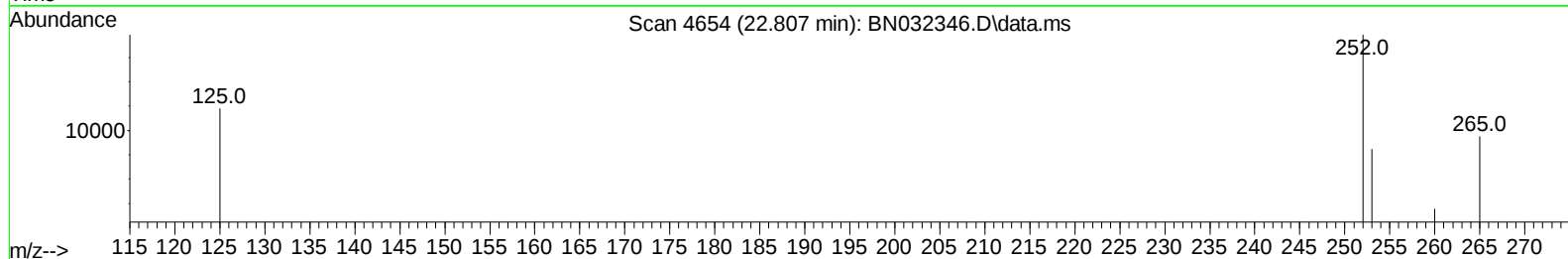
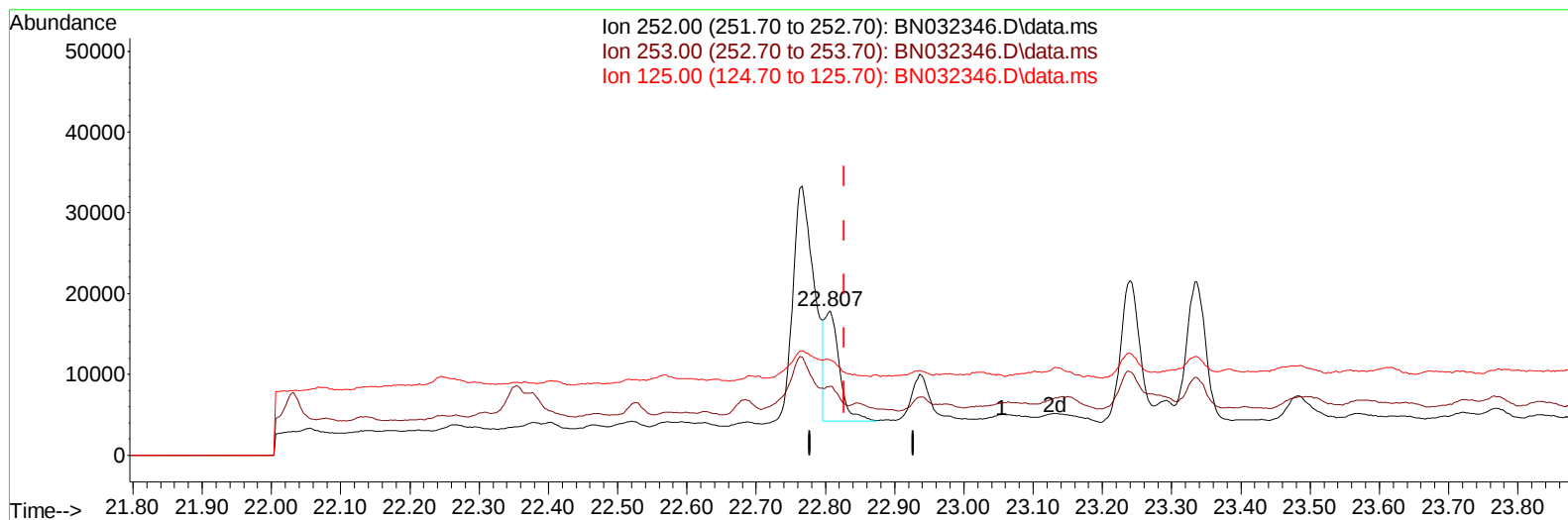
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
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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



TIC: BN032346.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 0.21 ng/u1 m

response 20846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	47.58#
125.00	16.00	66.21#
0.00	0.00	0.00

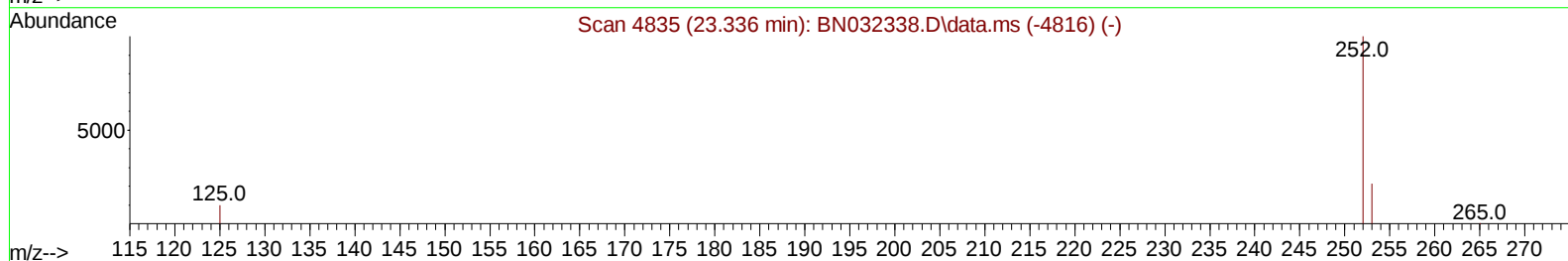
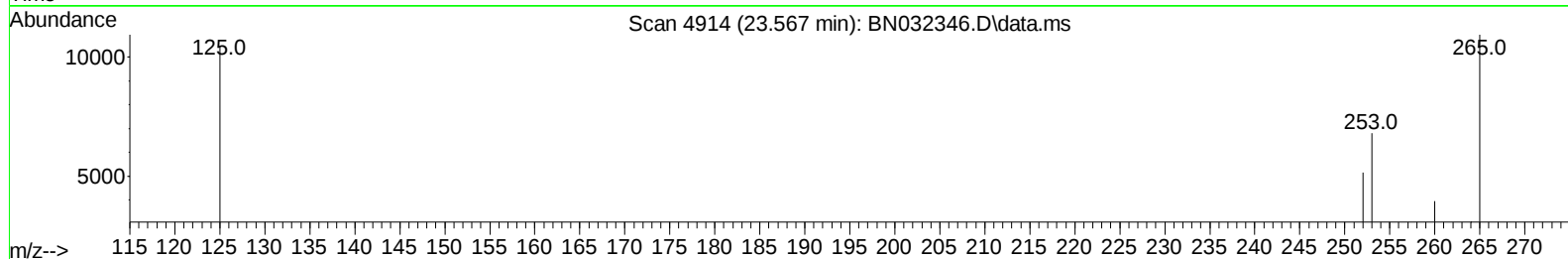
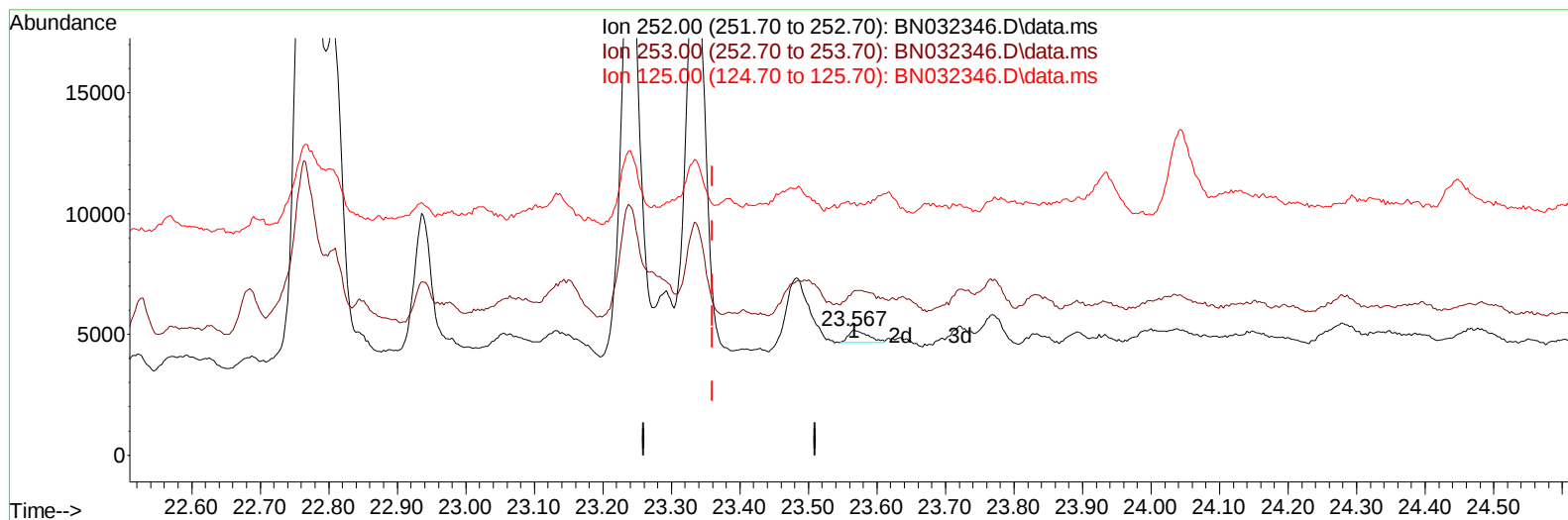
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(26) Benzo(a)pyrene (C)

23.567min (+ 0.208) 0.01 ng/u1

response 1007

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	131.77#
125.00	20.50	202.79#
0.00	0.00	0.00

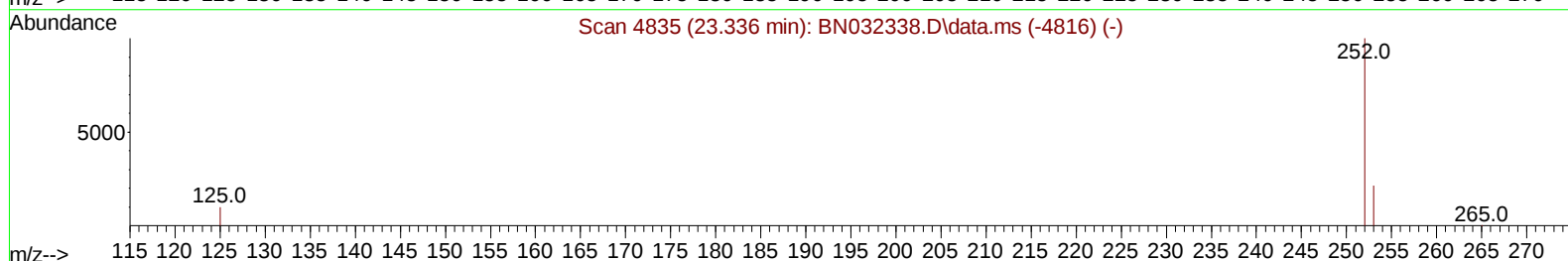
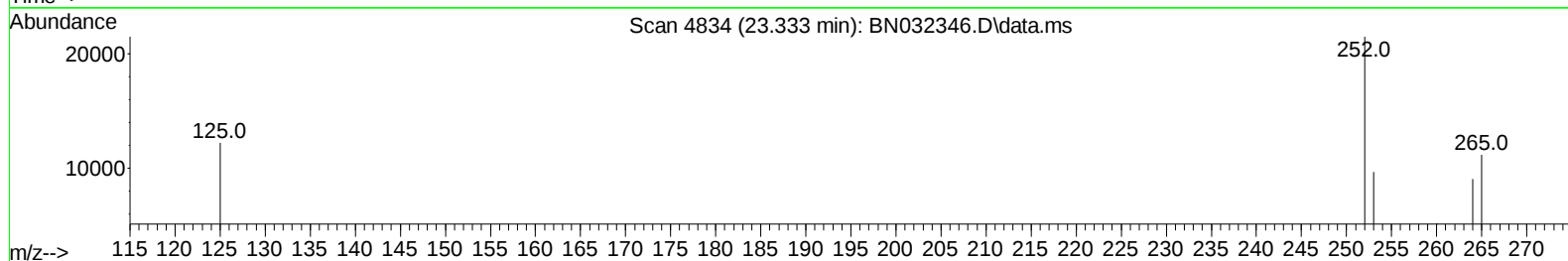
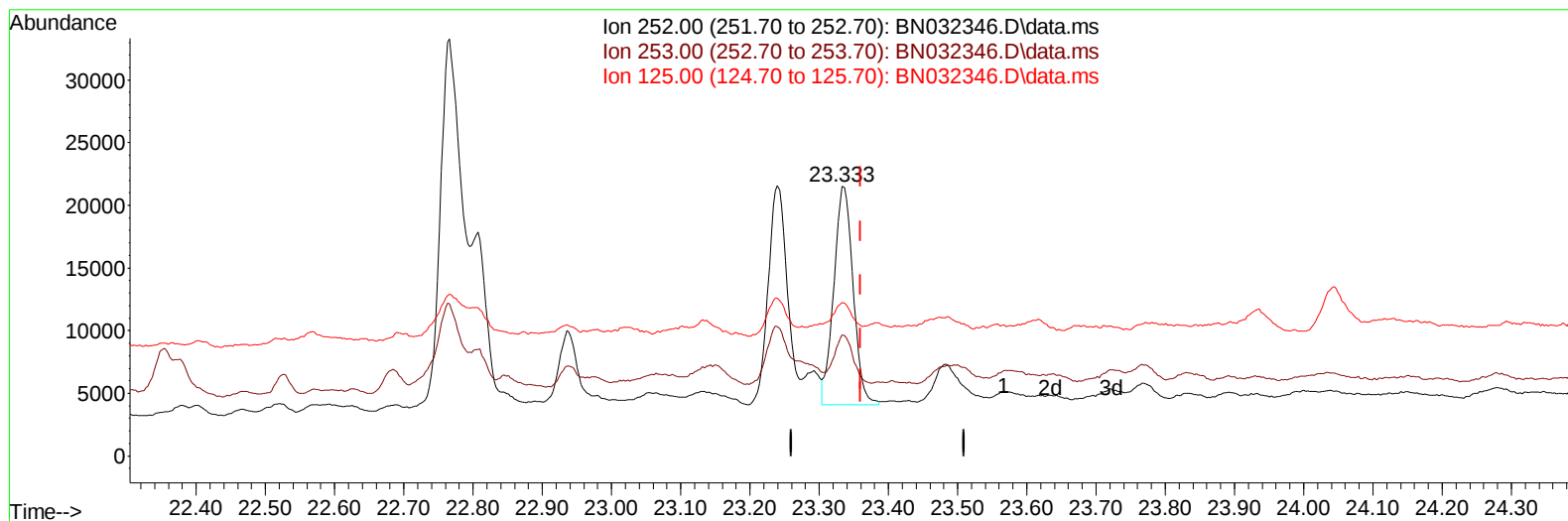
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (-0.026) 0.47 ng/u1 m

response 33779

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	44.87#
125.00	20.50	56.93#
0.00	0.00	0.00

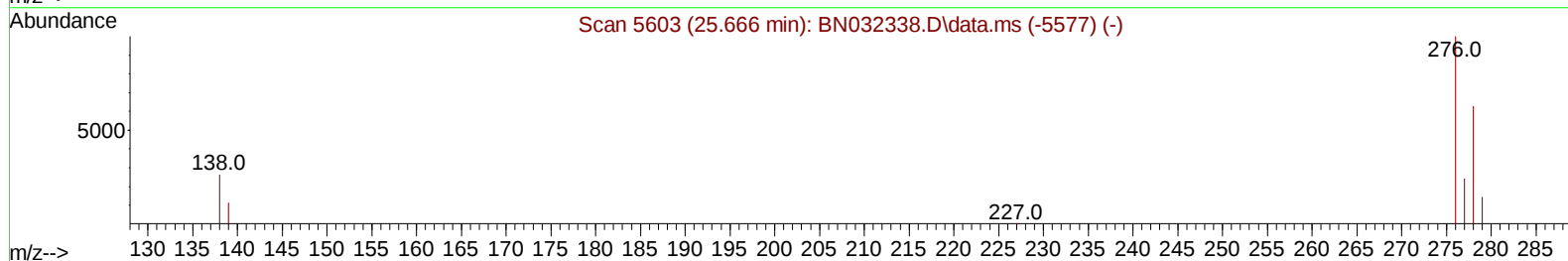
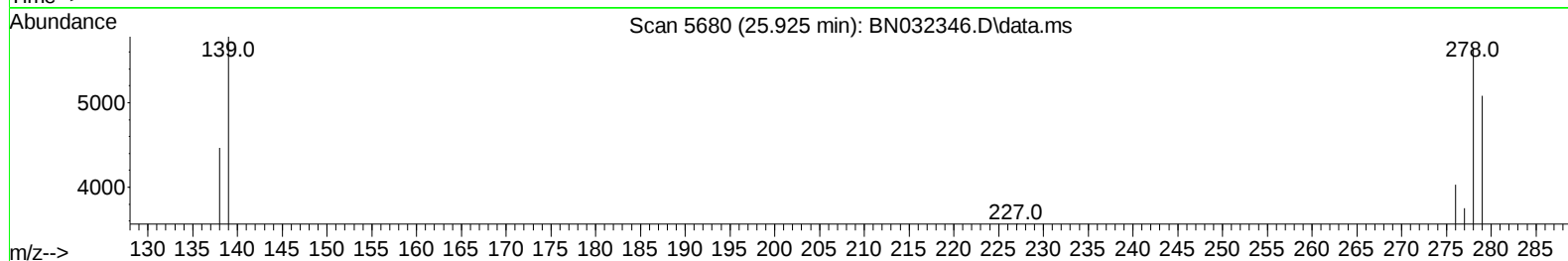
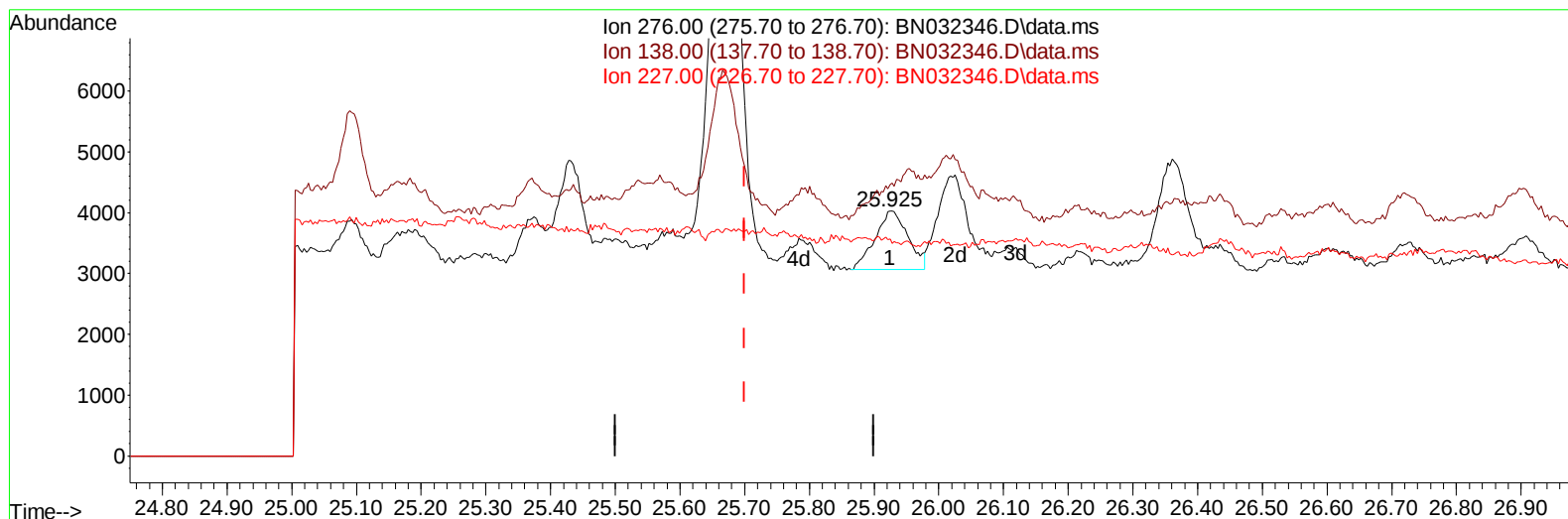
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

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

25.925min (+ 0.225) 0.03 ng/u1

response 3442

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

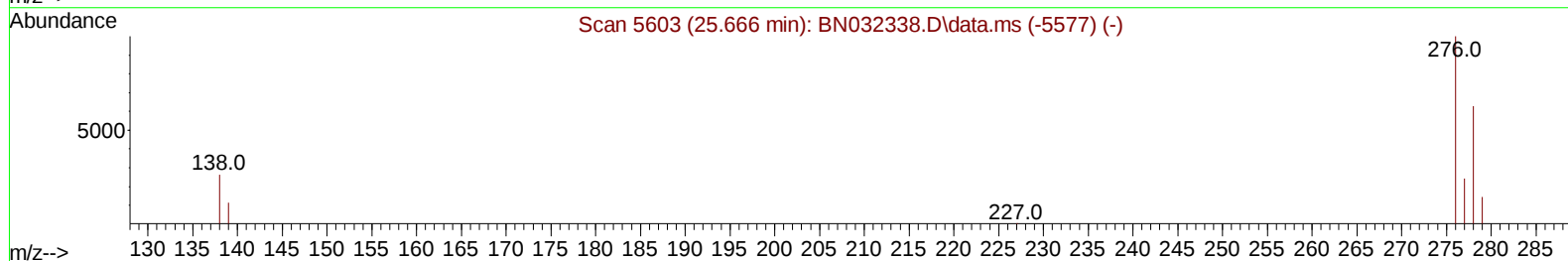
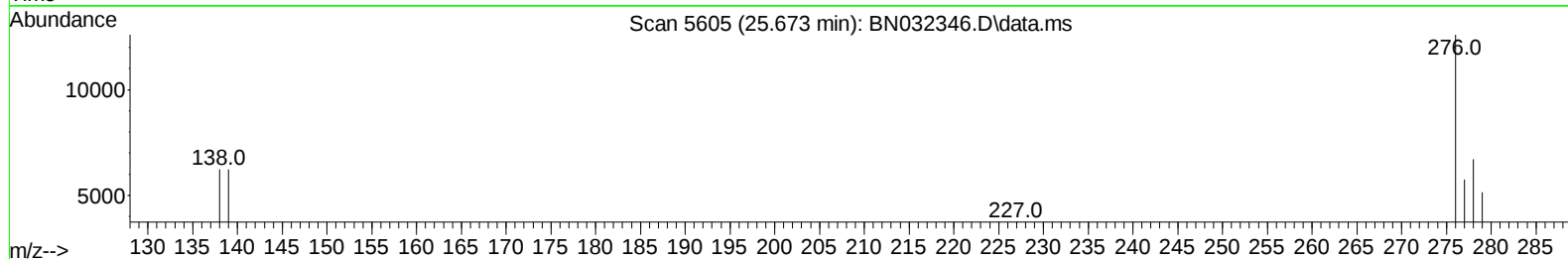
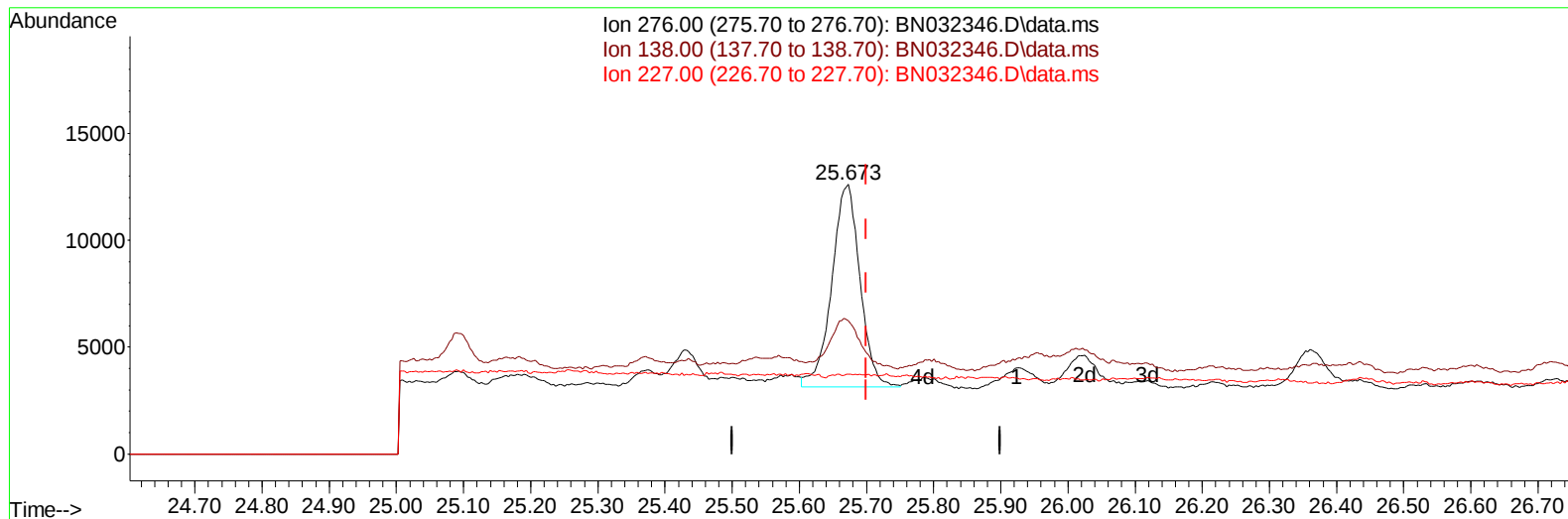
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

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

25.673min (-0.027) 0.25 ng/ul m

response 27530

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

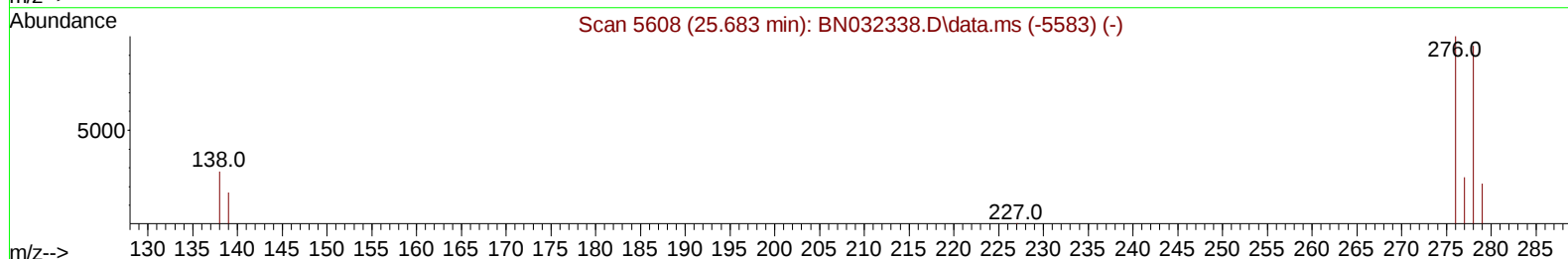
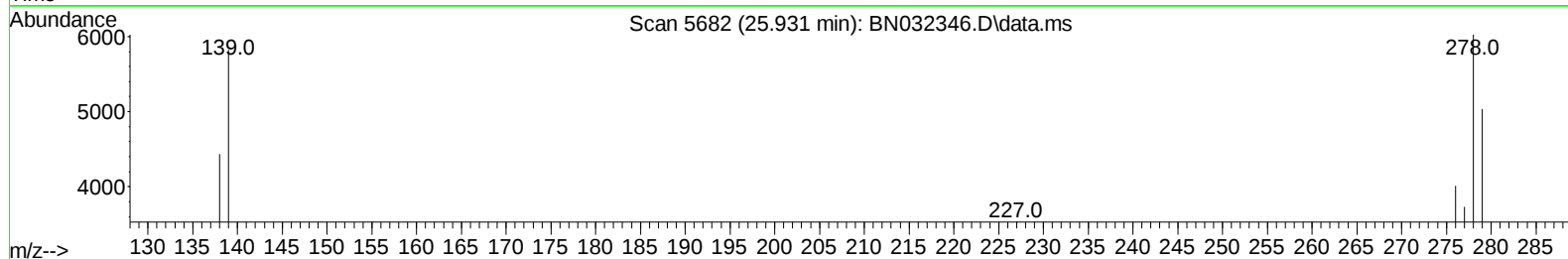
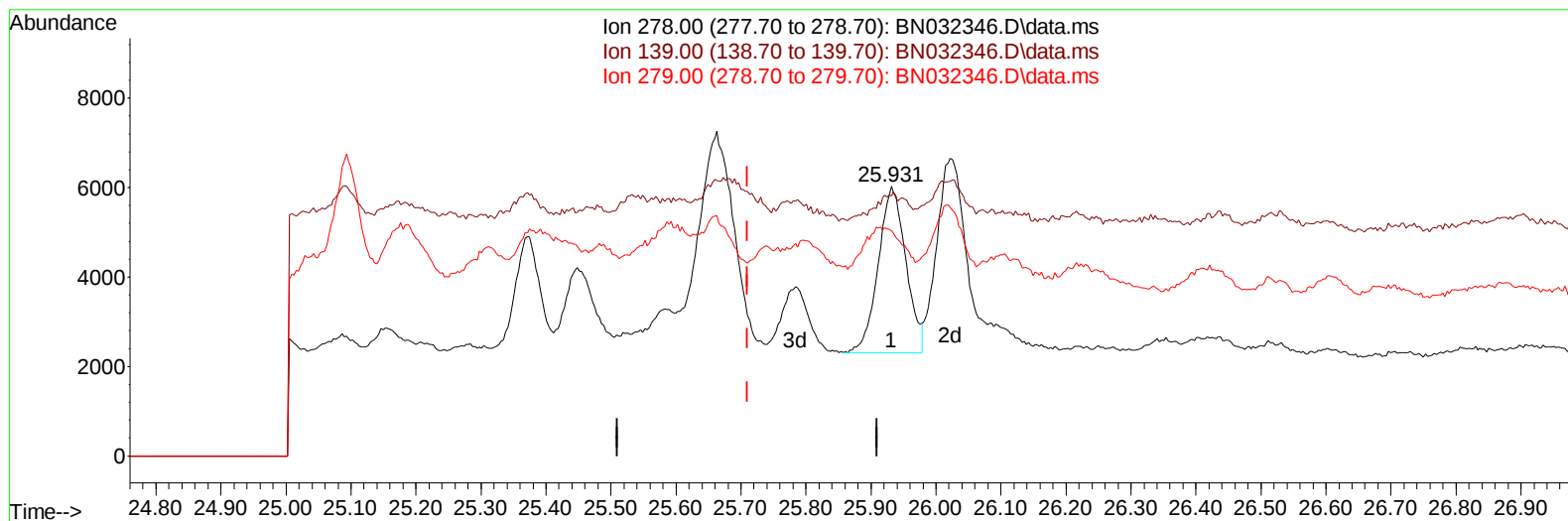
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

(28) Dibenzo(a,h)anthracene

25.931min (+ 0.221) 0.13 ng/u1

response 10934

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	96.60#
279.00	26.40	83.57#
0.00	0.00	0.00

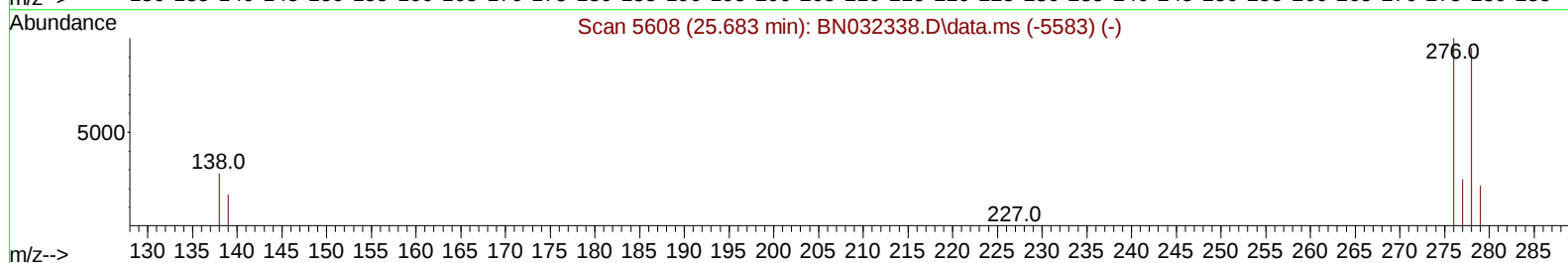
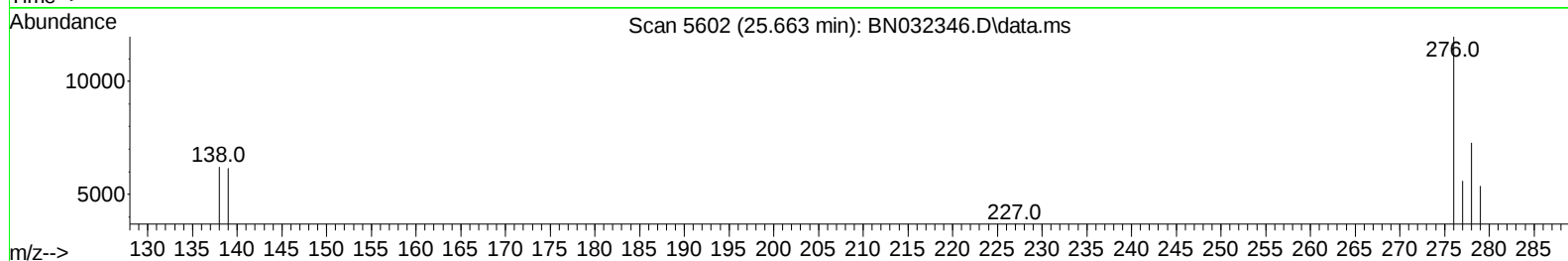
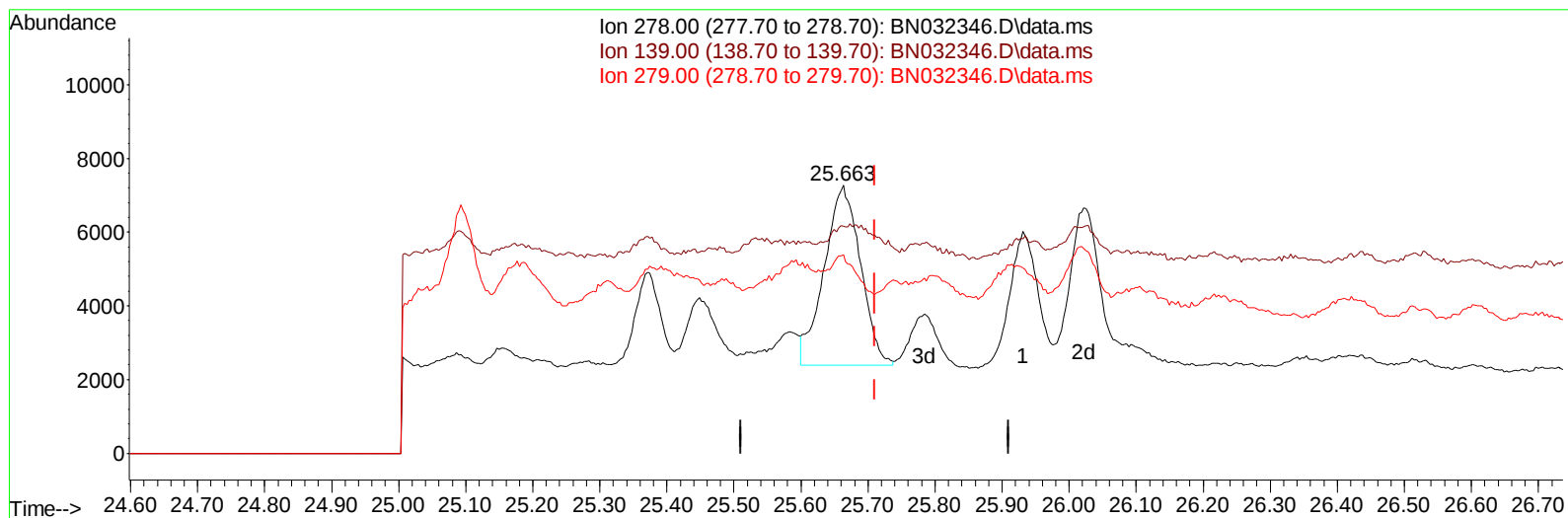
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:35 2024
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TIC: BN032346.D\data.ms

(28) Dibenzo(a,h)anthracene

25.663min (-0.047) 0.22 ng/u1 m

response 18313

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	84.82#
279.00	26.40	74.07#
0.00	0.00	0.00

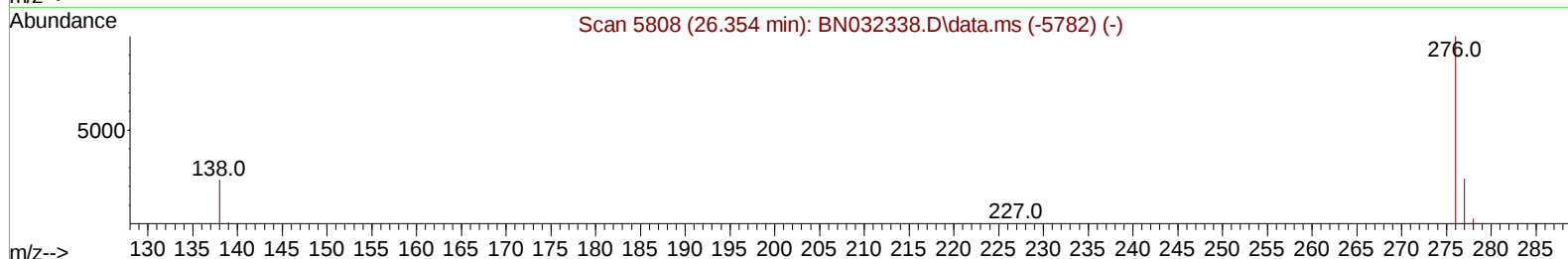
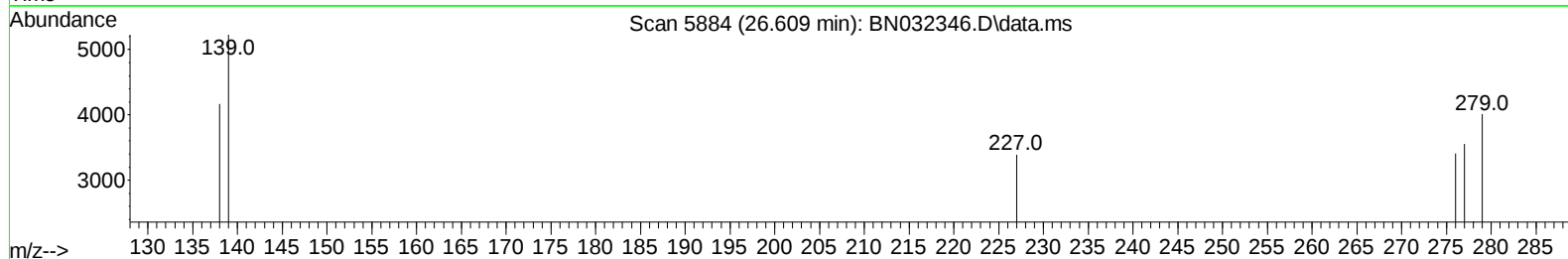
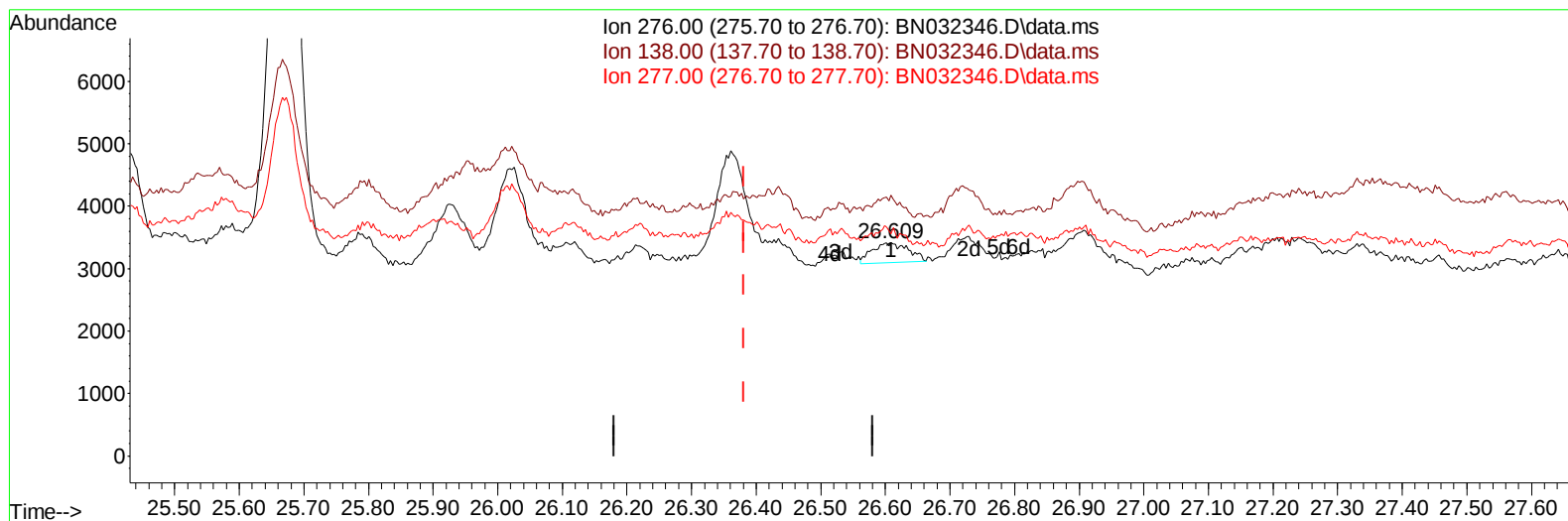
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
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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
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032346.D\data.ms

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

26.609min (+ 0.228) 0.01 ng/u1

response 1223

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	122.25#
277.00	24.70	104.25#
0.00	0.00	0.00

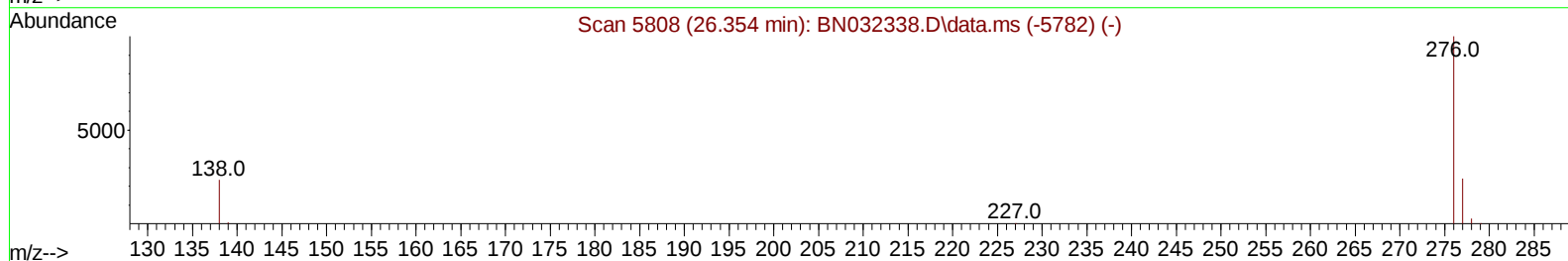
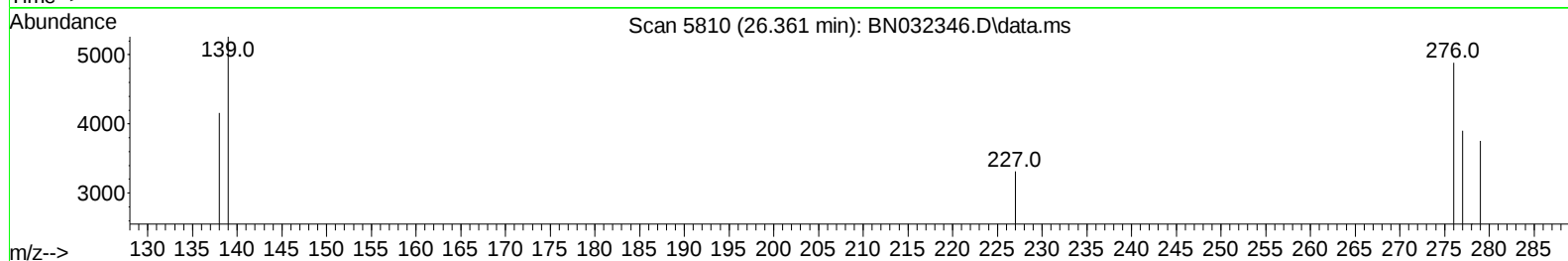
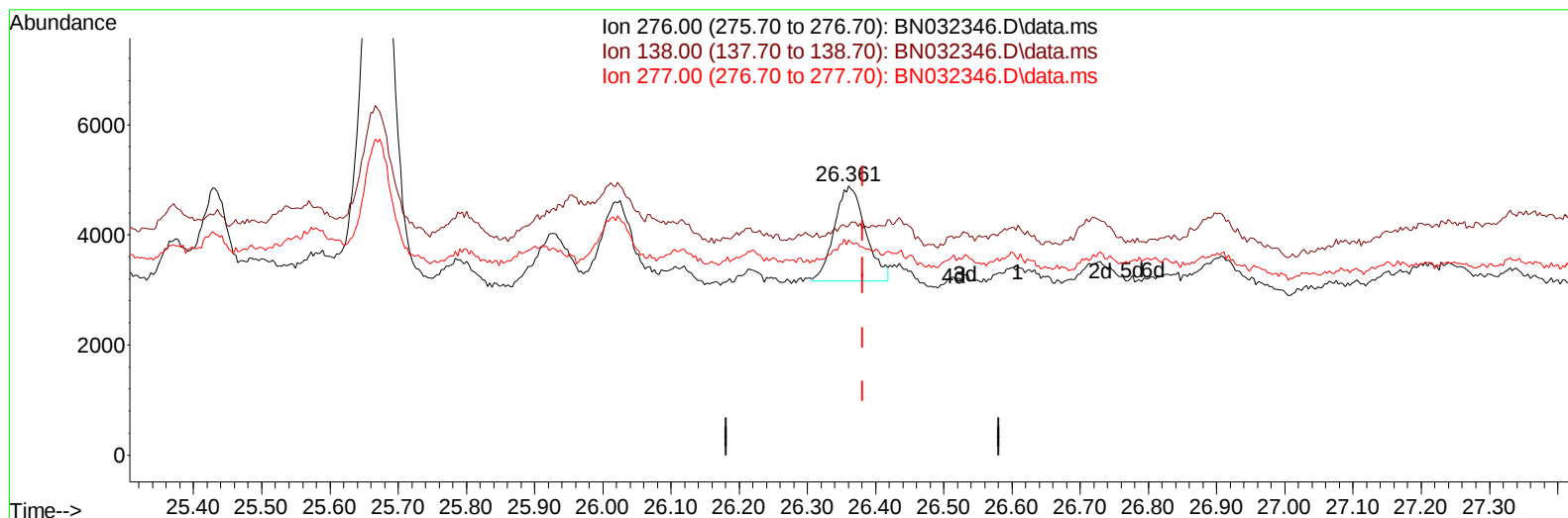
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
Acq On : 29 Jun 2024 11:41
Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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



TIC: BN032346.D\data.ms

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

26.361min (-0.020) 0.06 ng/ul m

response 5524

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	85.14#
277.00	24.70	79.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032346.D
 Acq On : 29 Jun 2024 11:41
 Operator : MA/JU
 Sample : P2934-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B59

Manual IntegrationsAPPROVED

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

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 QLast Update : Thu Jun 27 13:23:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	25595	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25555m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	20698m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	23650m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	39007	3.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	9959	0.259	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	19762m	0.317	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	3927	0.058	ng/ul#	90
7) 2-Methylnaphthalene	12.059	142	1514	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	1403	0.030	ng/ul	97
10) Acenaphthylene	13.980	152	17760	0.310	ng/ul	98
11) Acenaphthene	14.318	153	4771	0.107	ng/ul	97
12) Fluorene	15.313	166	5909	0.111	ng/ul#	96
15) Phenanthrene	17.054	178	71913m	1.026	ng/ul	
16) Anthracene	17.143	178	15872m	0.254	ng/ul	
19) Fluoranthene	19.078	202	90744m	1.151	ng/ul	
20) Pyrene	19.440	202	77928m	0.946	ng/ul	
21) Benzo(a)anthracene	21.197	228	40795m	0.546	ng/ul	
22) Chrysene	21.249	228	53953m	0.658	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	64989m	0.632	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	20846m	0.209	ng/ul	
26) Benzo(a)pyrene	23.333	252	33779m	0.473	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	27530m	0.246	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	18313m	0.220	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	5524m	0.062	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032346.D
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Operator : MA/JU
Sample : P2934-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B59

Manual IntegrationsAPPROVED

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