

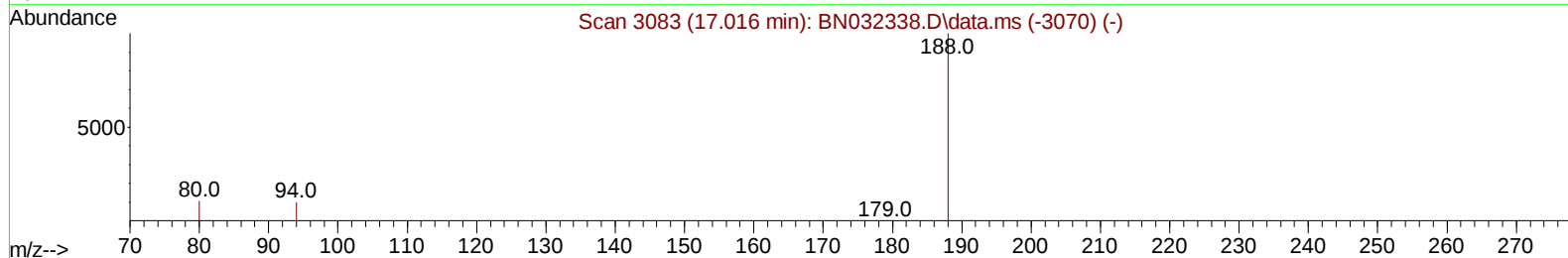
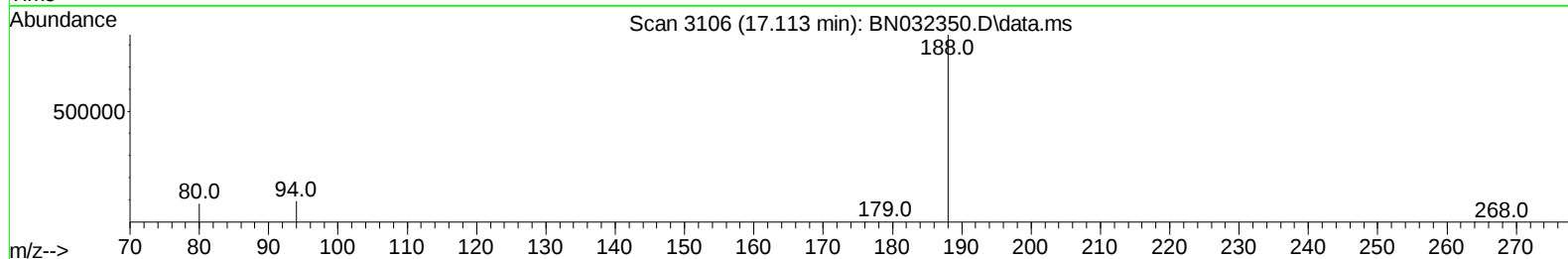
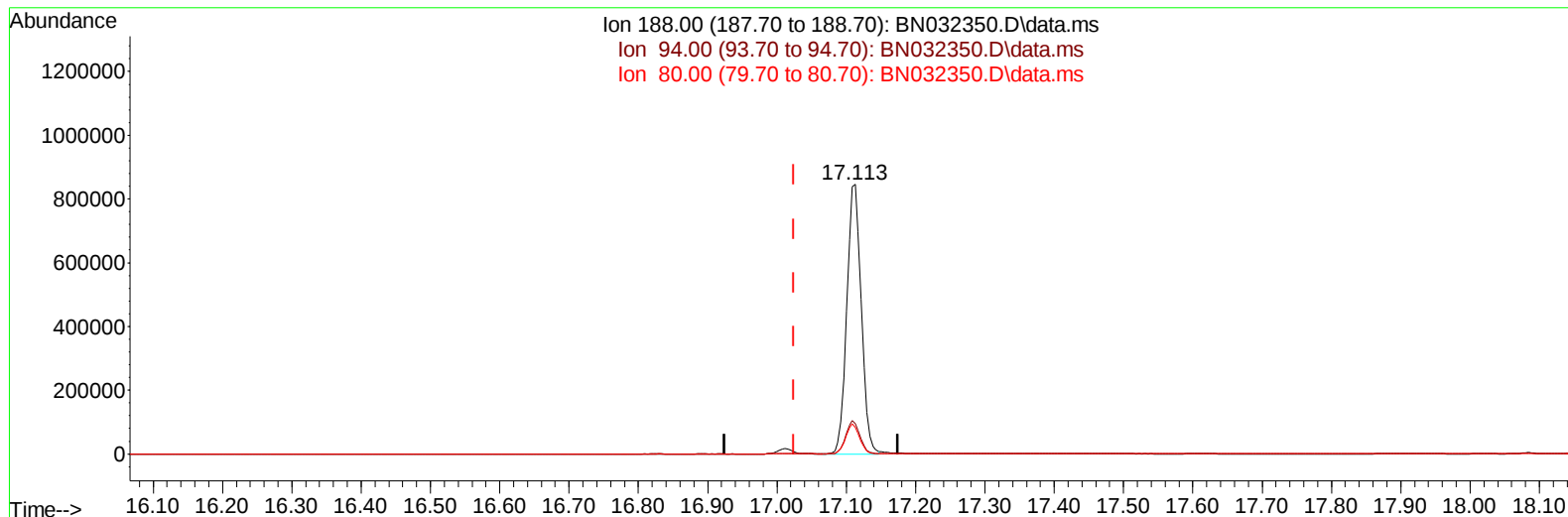
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(13) Phenanthrene-d10 (I)

17.113min (+ 0.088) 0.40 ng/u1

response 1233091

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.28
80.00	10.50	9.92
0.00	0.00	0.00

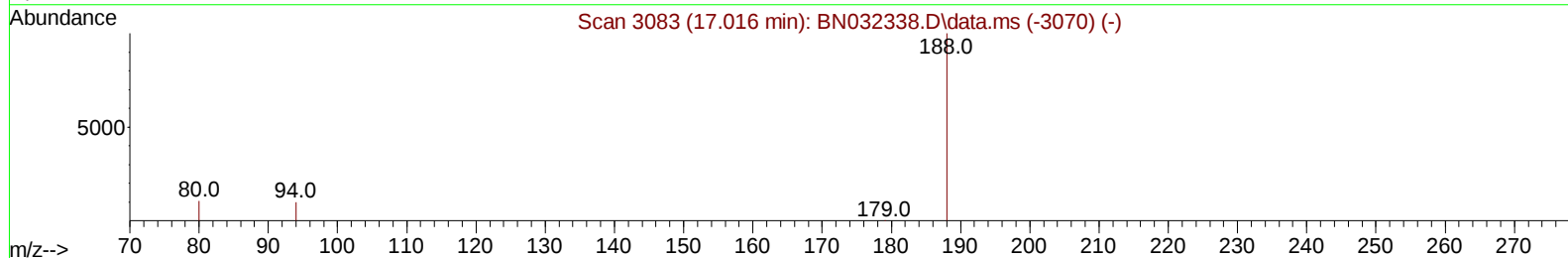
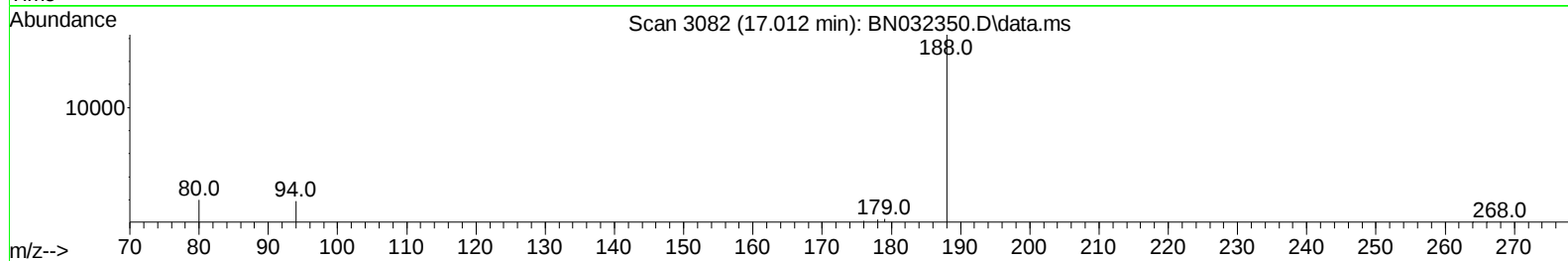
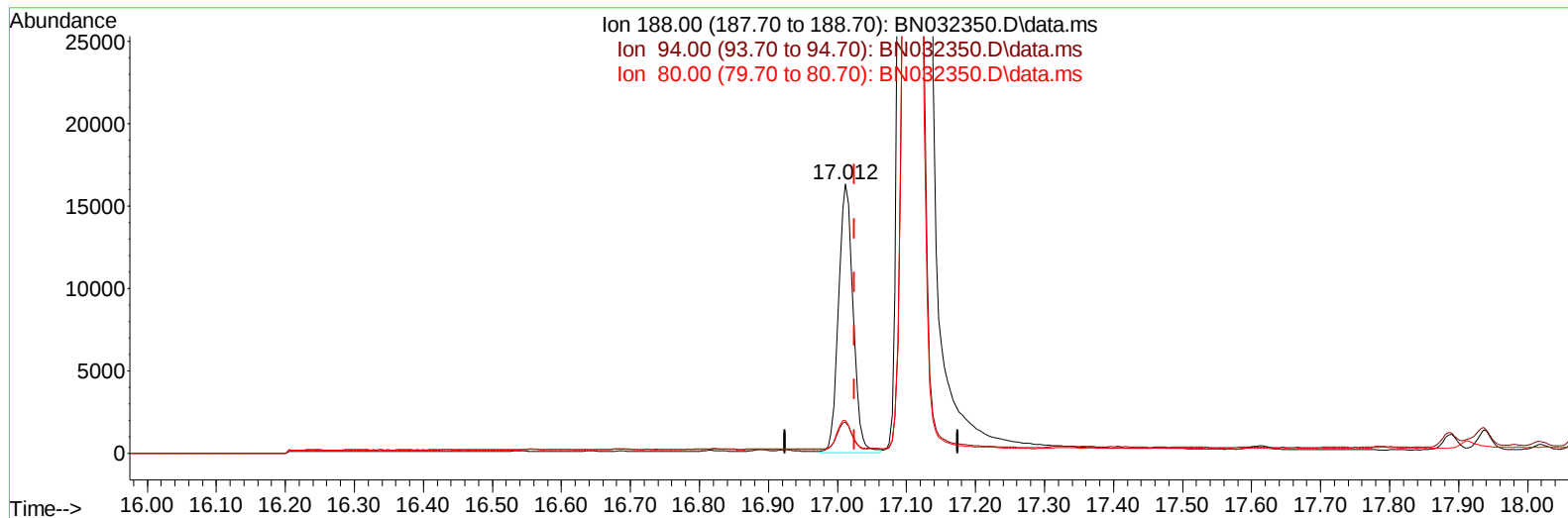
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032350.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 24027

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.53
80.00	10.50	12.08
0.00	0.00	0.00

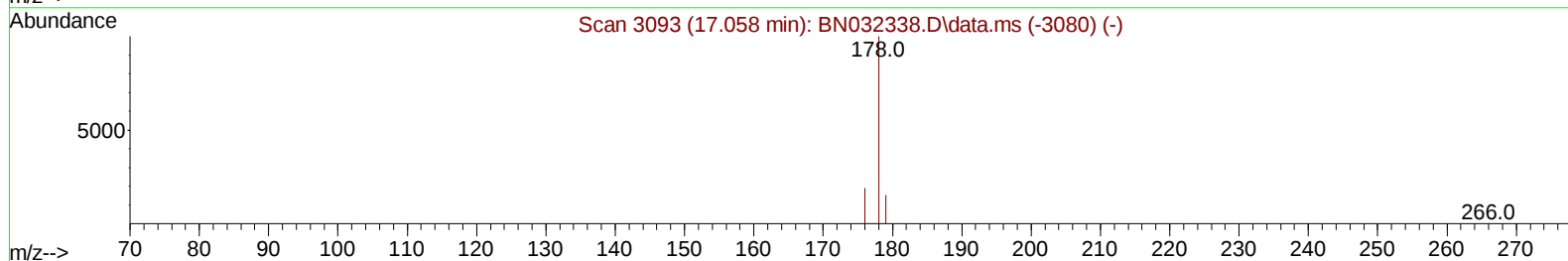
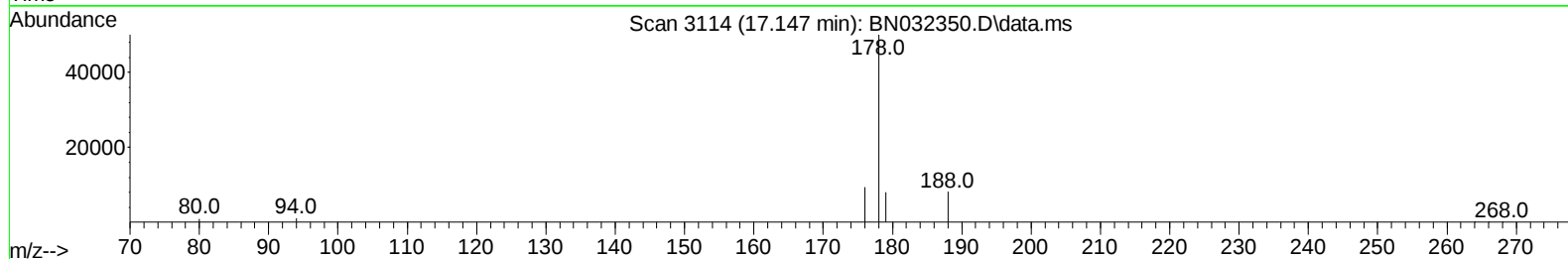
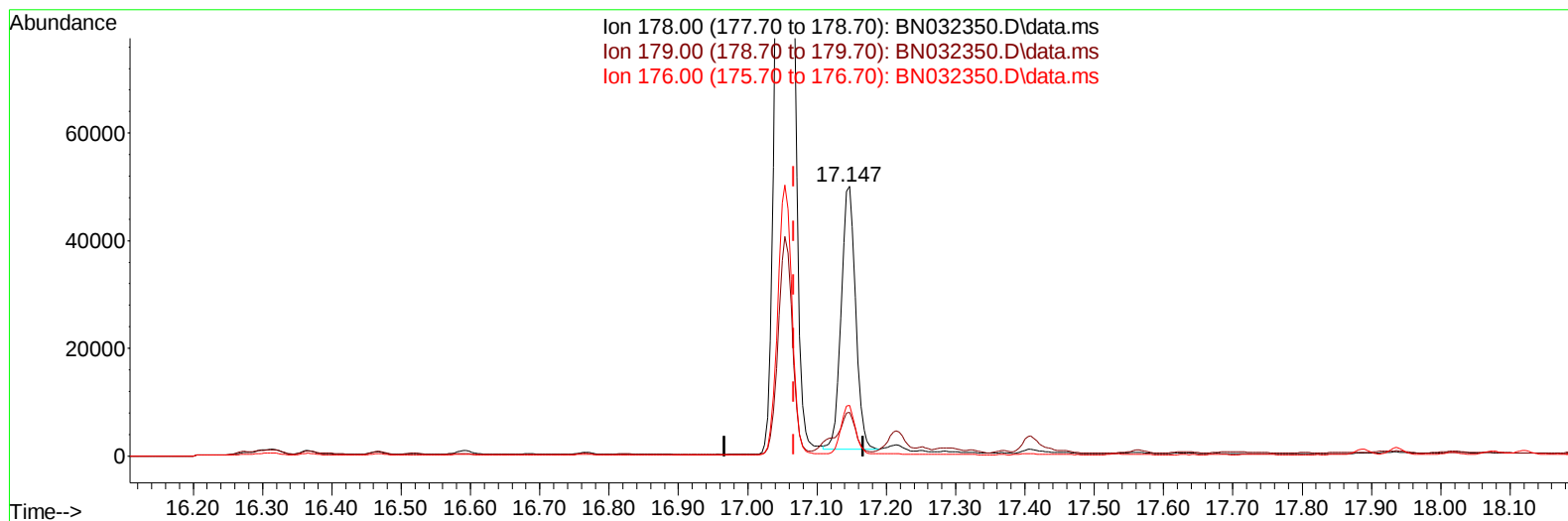
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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TIC: BN032350.D\data.ms

(15) Phenanthrene

17.147min (+ 0.080) 1.07 ng/u1

response 70720

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.19
176.00	19.50	18.86
0.00	0.00	0.00

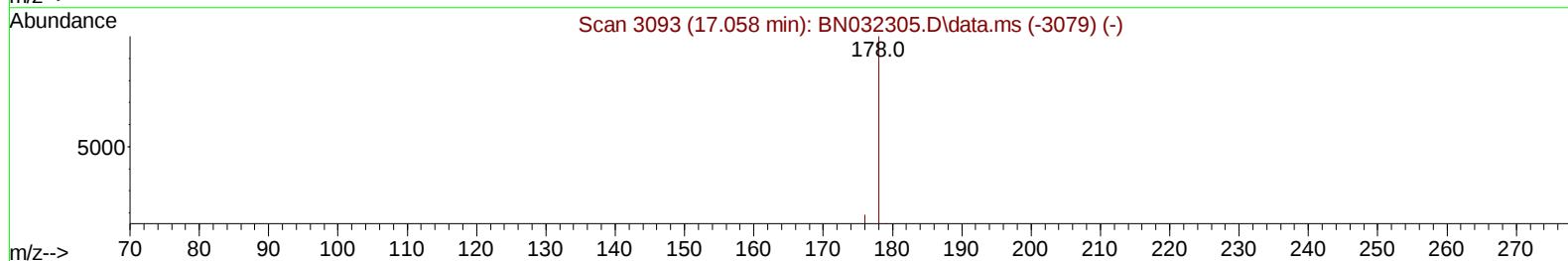
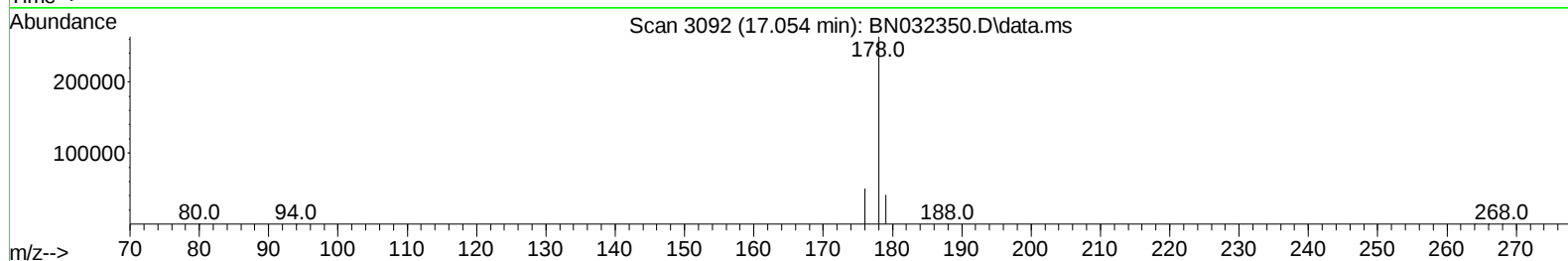
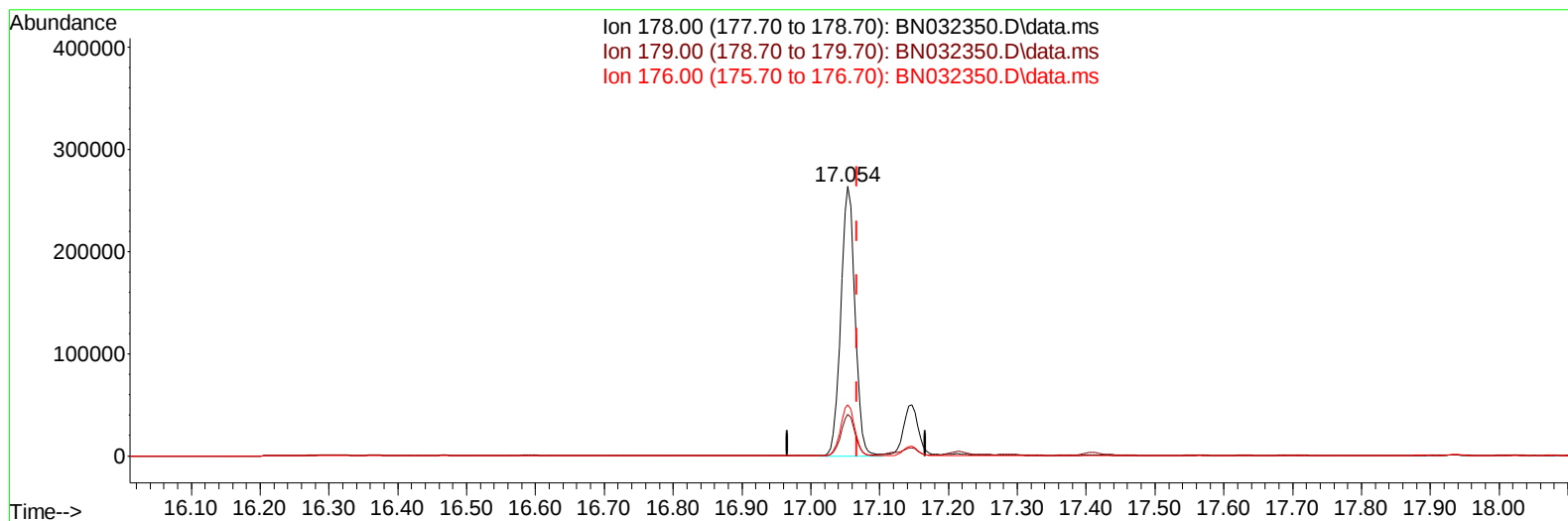
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 5.74 ng/u1 m

response 378421

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.47
176.00	19.50	19.12
0.00	0.00	0.00

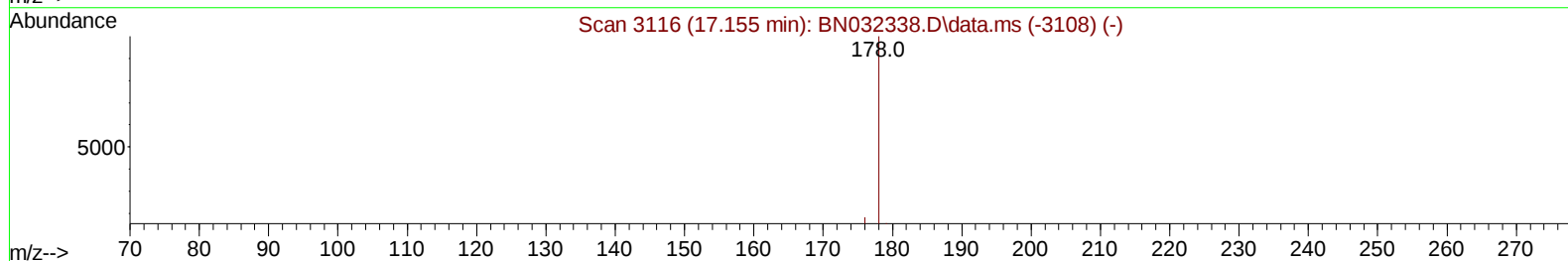
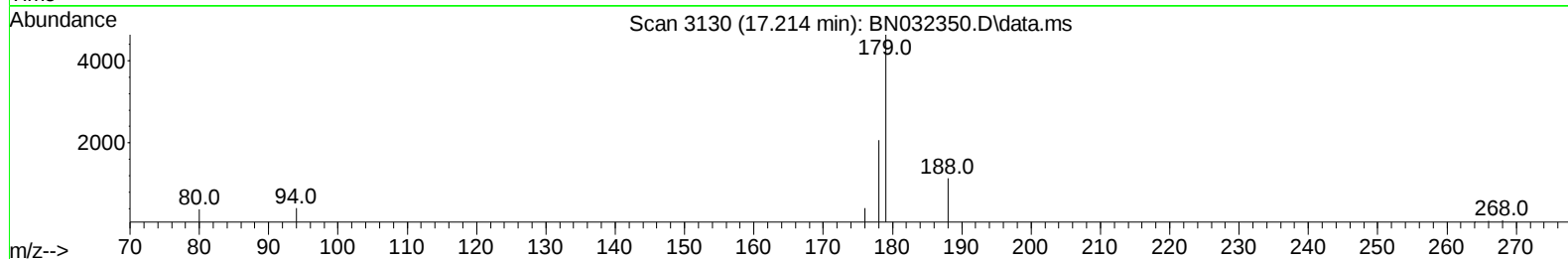
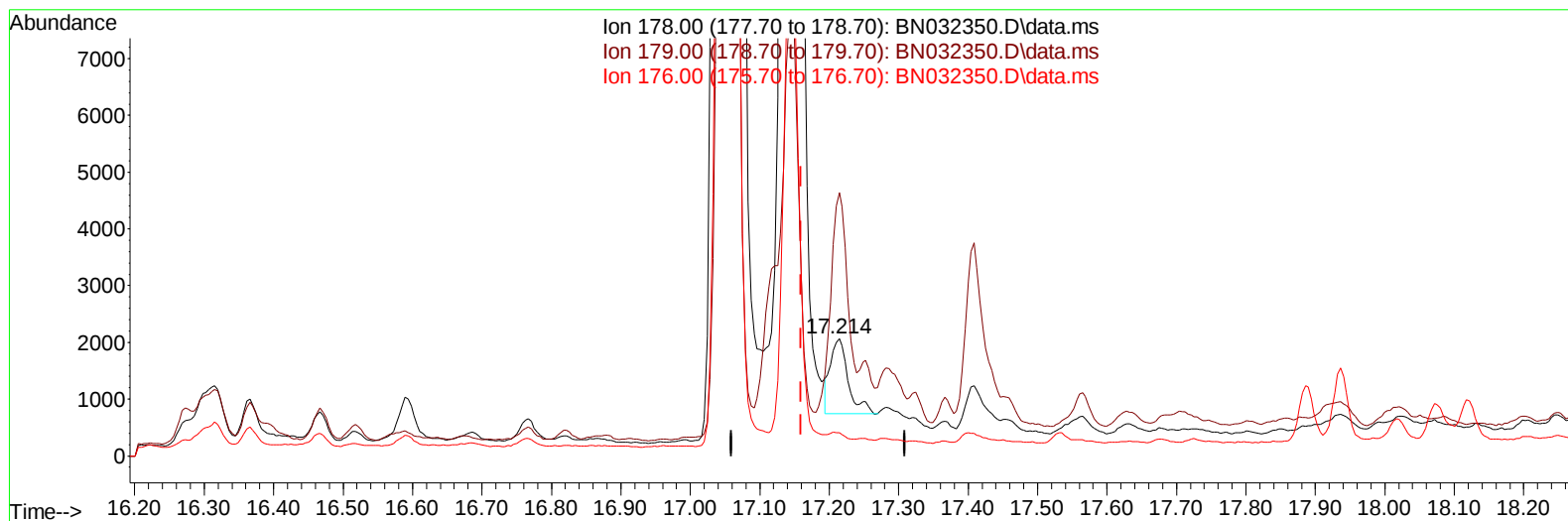
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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Reviewed By :Yogesh Patel 07/01/2024
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TIC: BN032350.D\data.ms

(16) Anthracene

17.214min (+ 0.055) 0.04 ng/u1

response 2380

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	223.85#
176.00	18.80	19.70
0.00	0.00	0.00

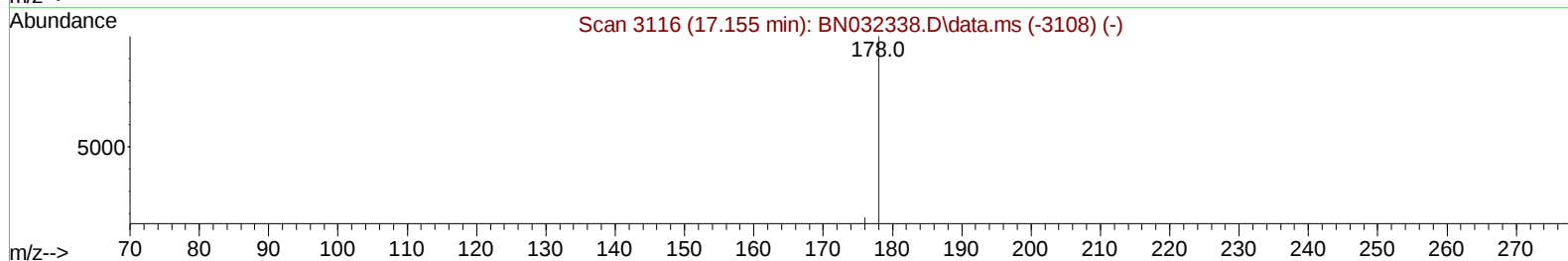
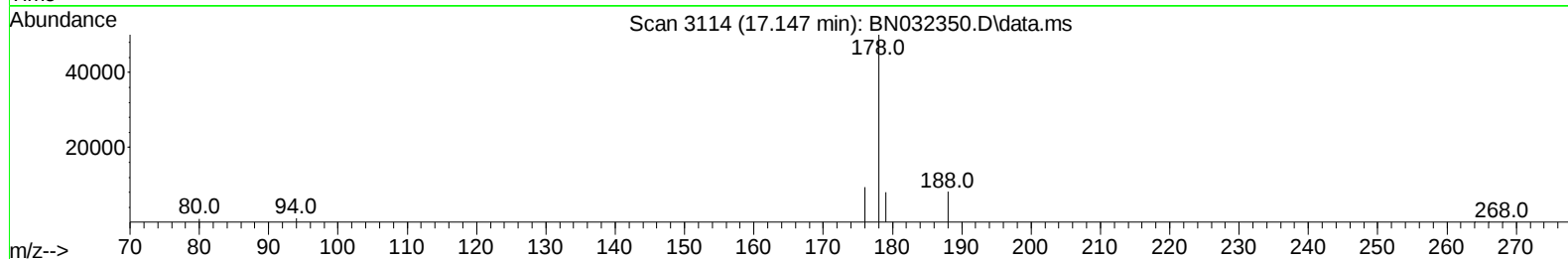
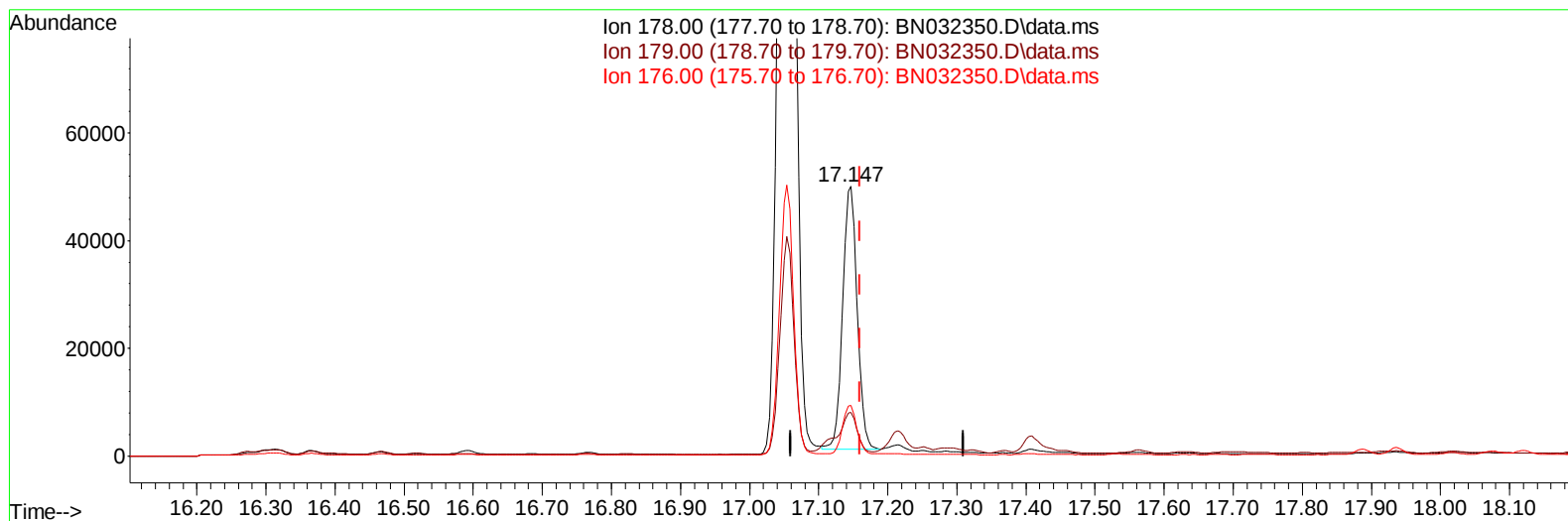
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2024
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TIC: BN032350.D\data.ms

(16) Anthracene

17.147min (-0.013) 1.21 ng/ul m

response 71344

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.19
176.00	18.80	18.86
0.00	0.00	0.00

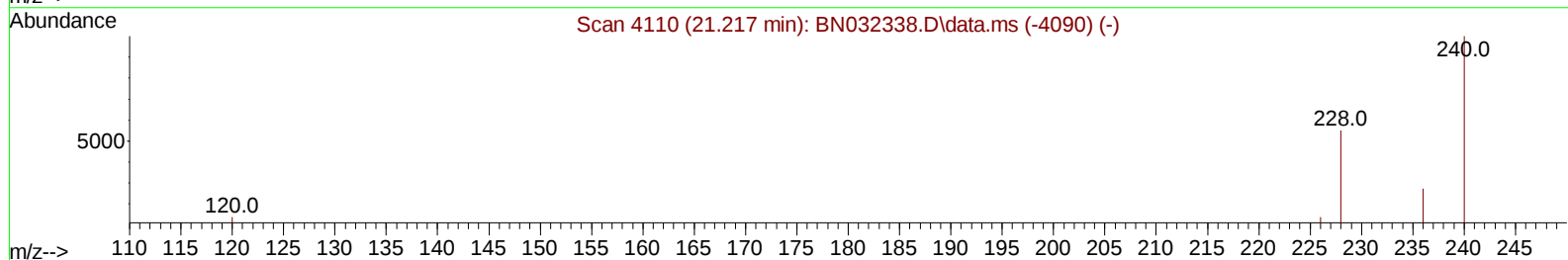
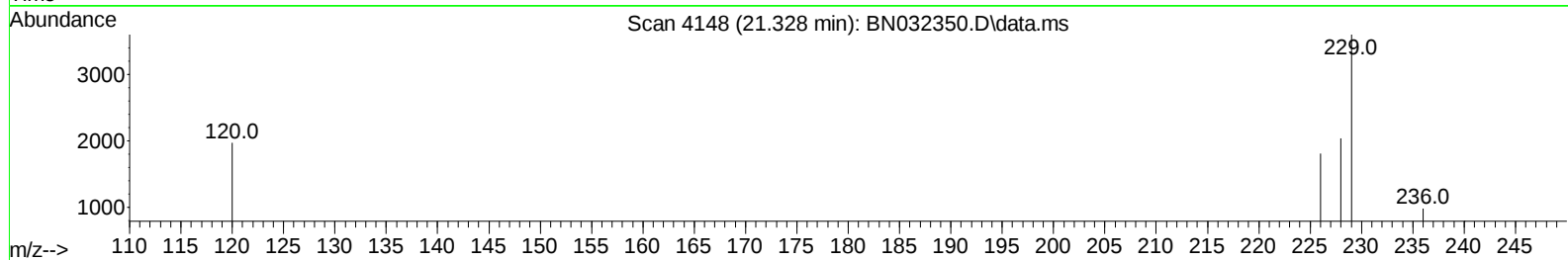
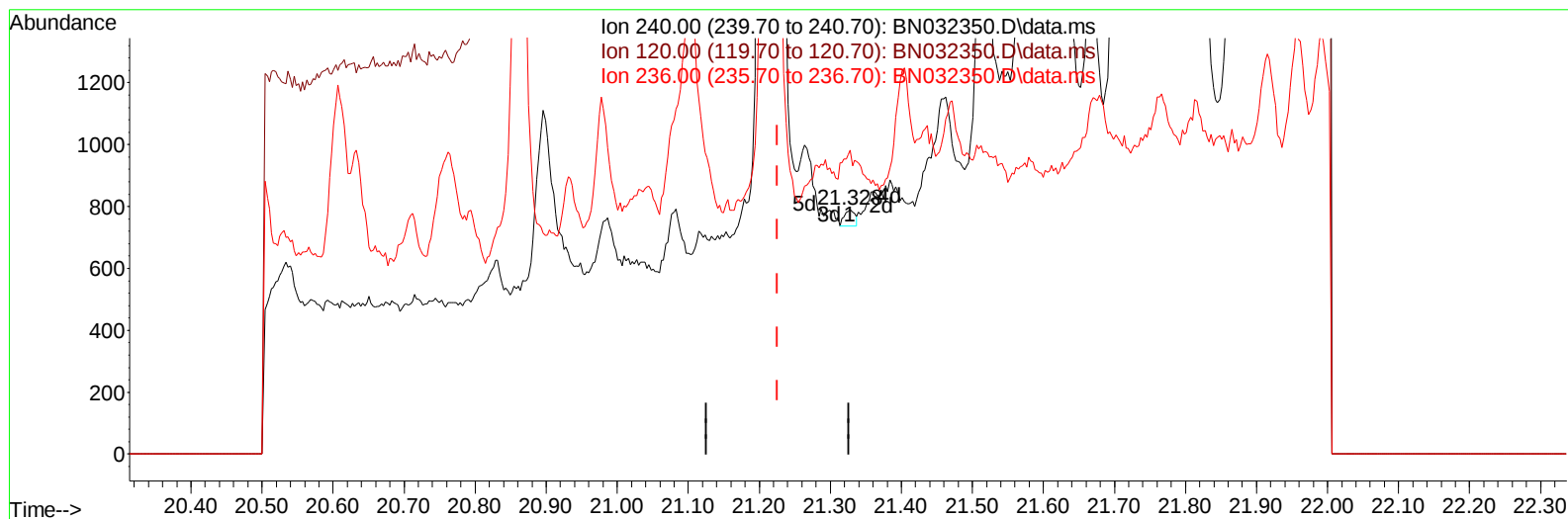
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032350.D\data.ms

(17) Chrysene-d12

21.328min (+ 0.102) 0.40 ng/u1

response 55

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	248.80#
236.00	28.40	124.15#
0.00	0.00	0.00

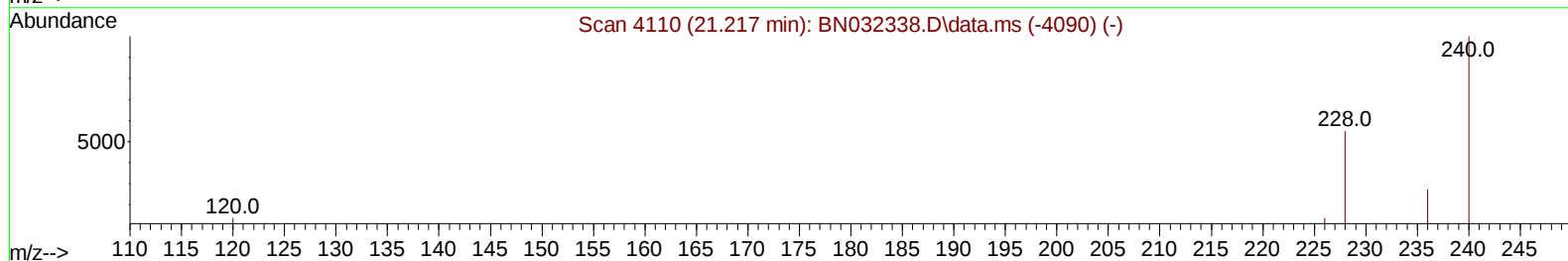
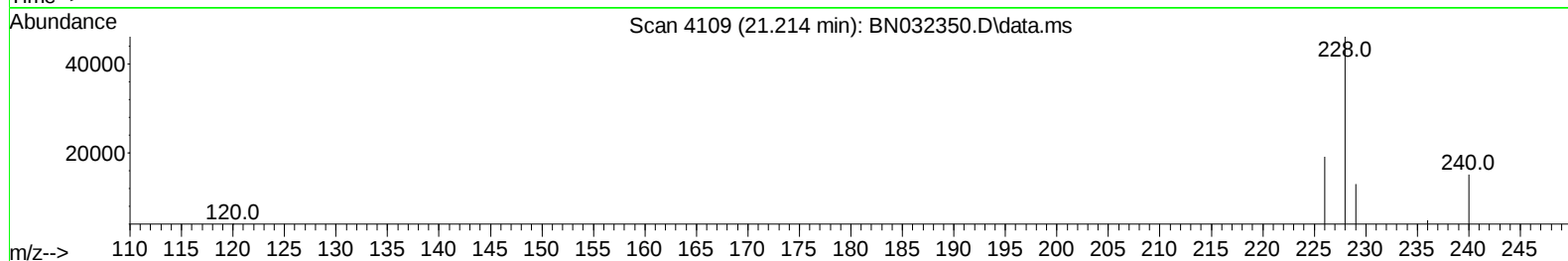
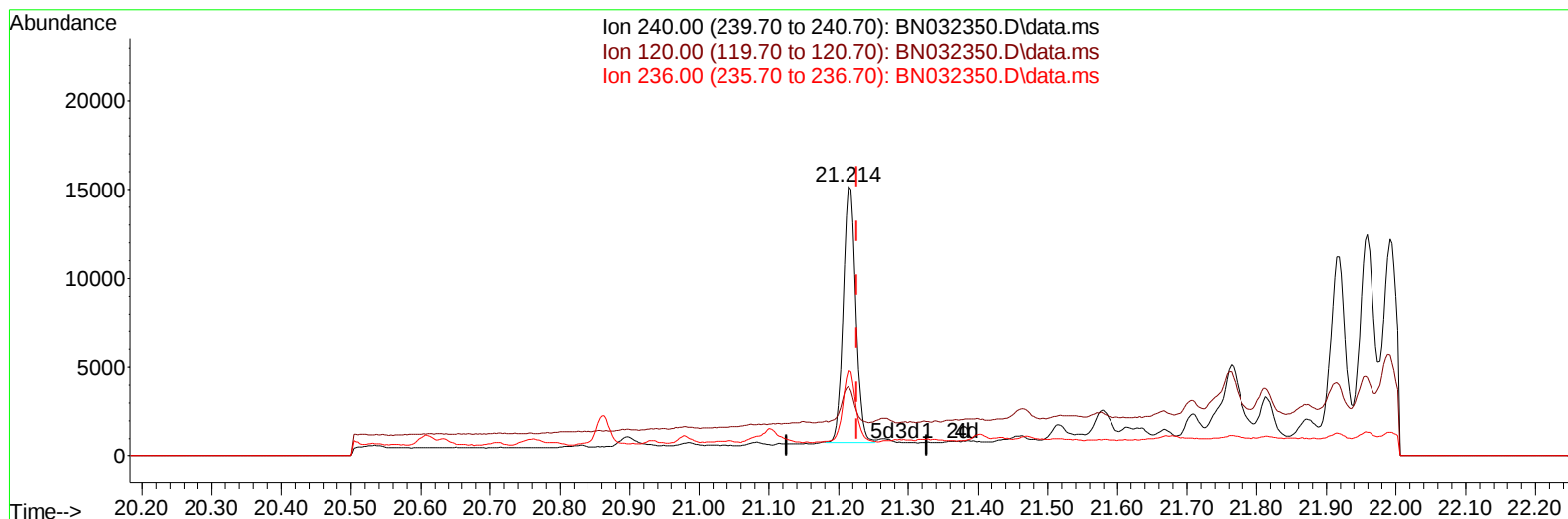
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/ul m

response 18081

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	25.91#
236.00	28.40	31.64
0.00	0.00	0.00

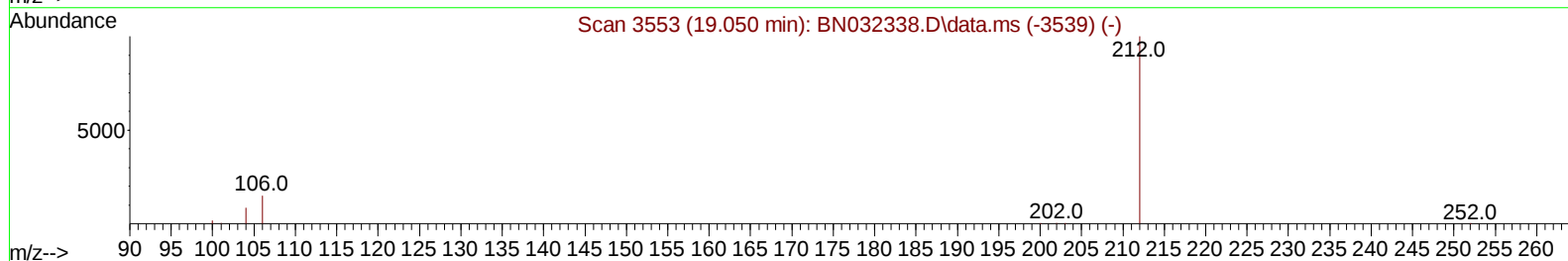
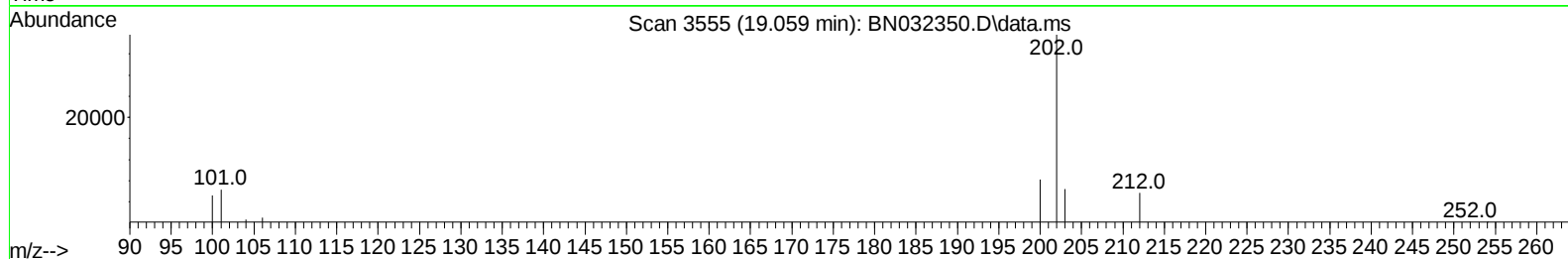
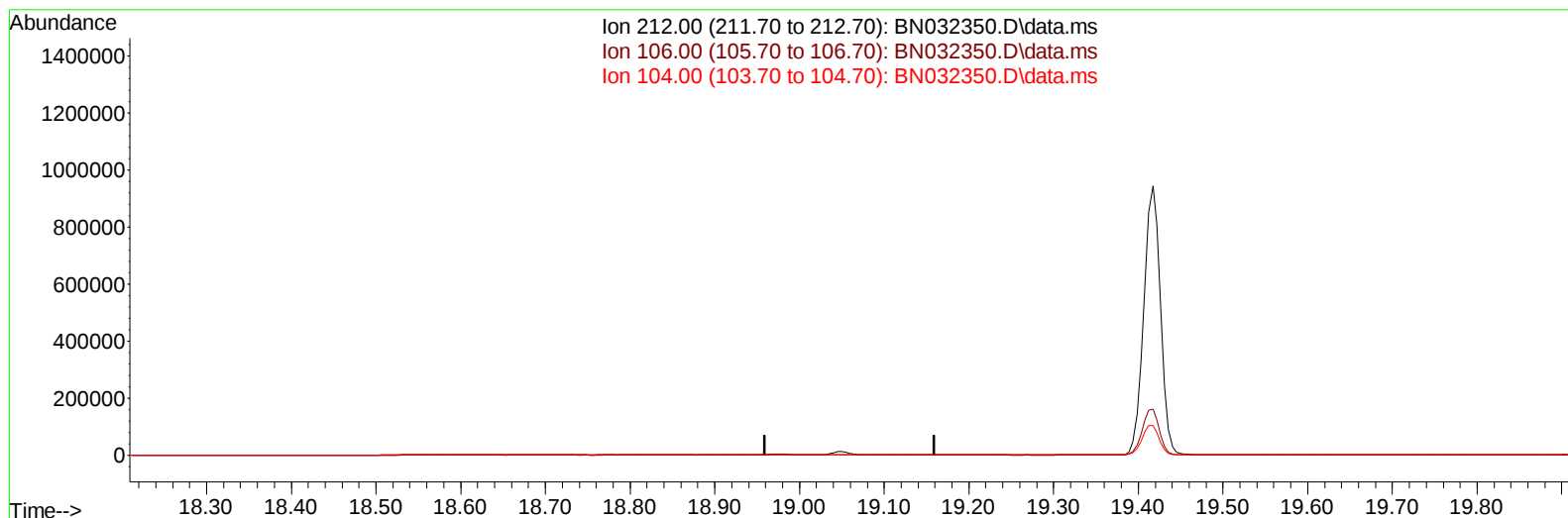
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

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TIC: BN032350.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

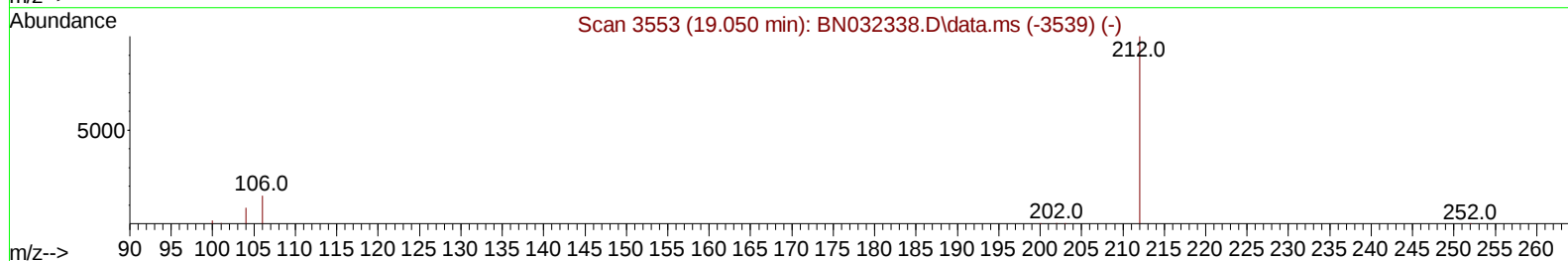
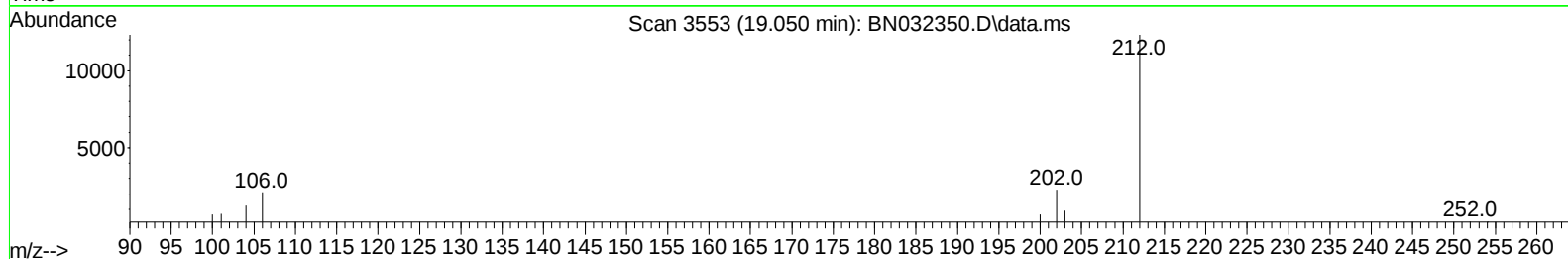
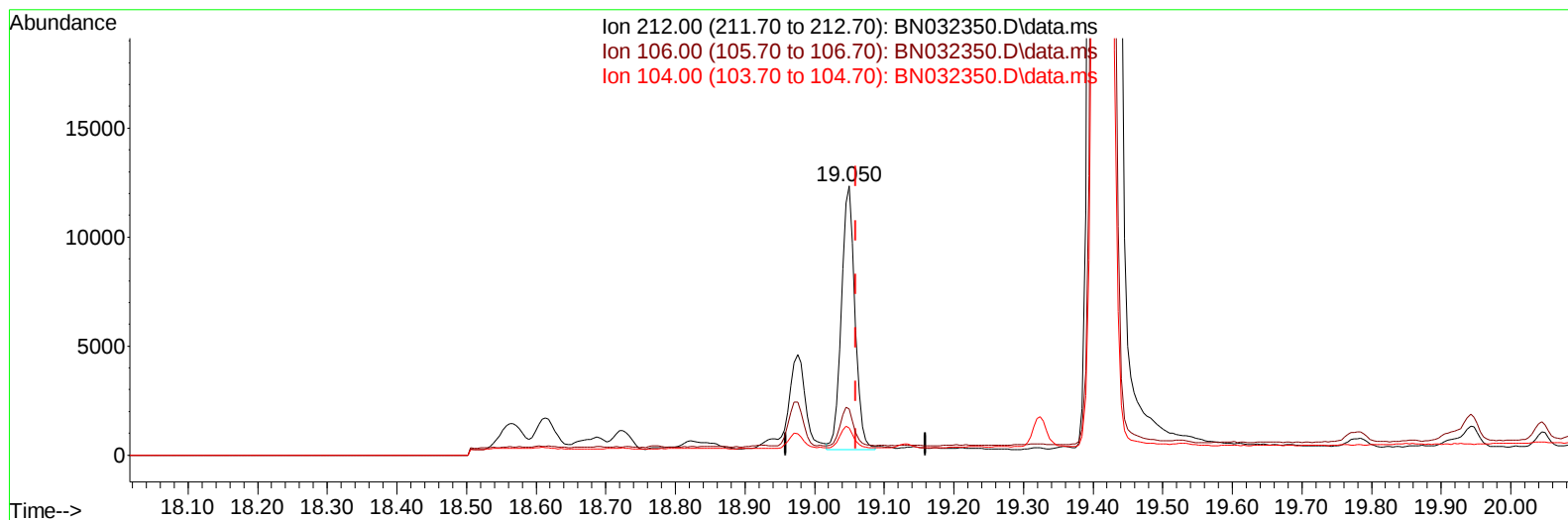
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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TIC: BN032350.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.010) 0.30 ng/u1 m

response 16379

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

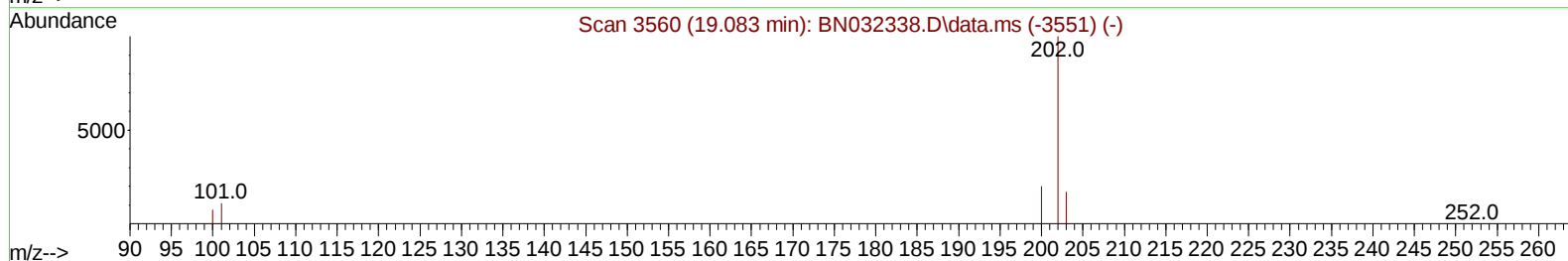
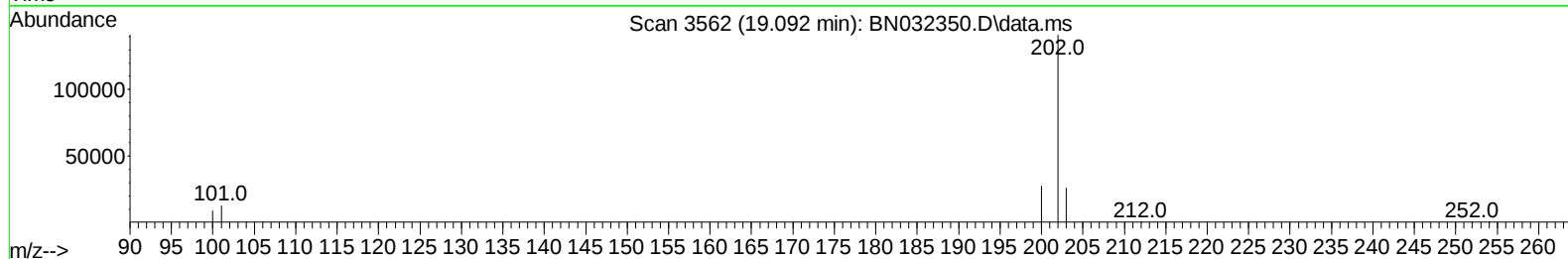
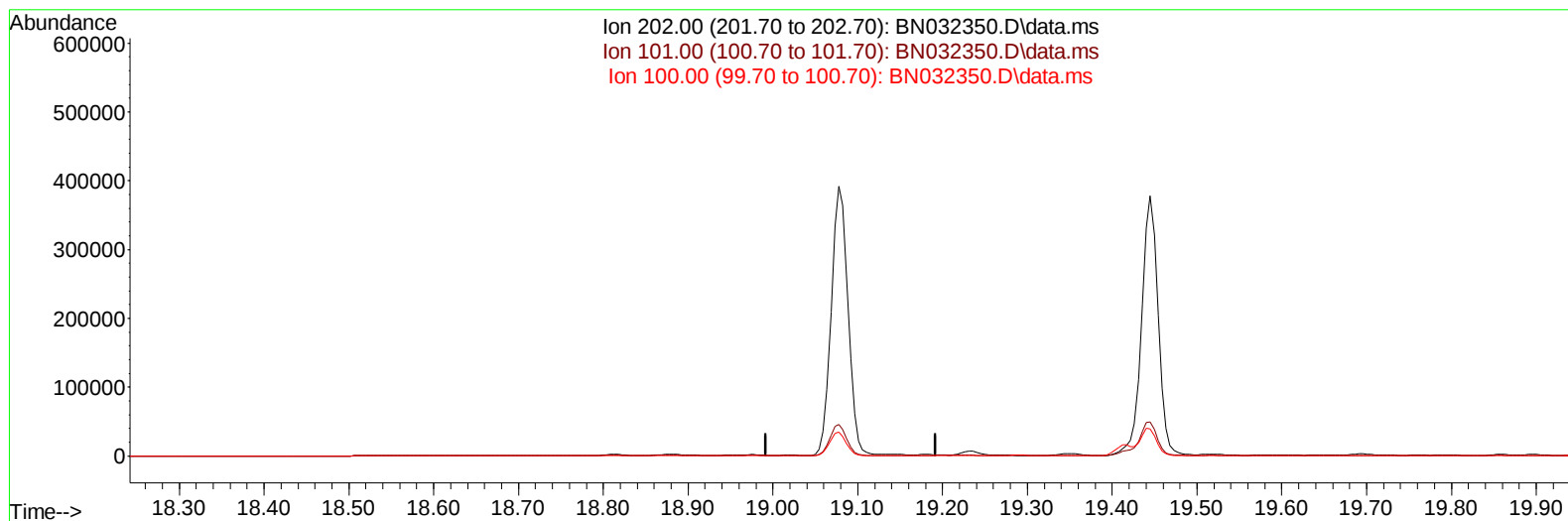
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032350.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

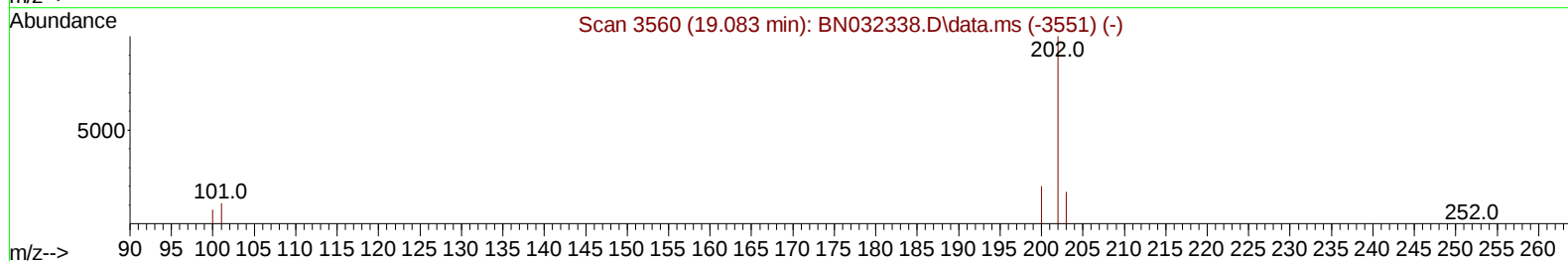
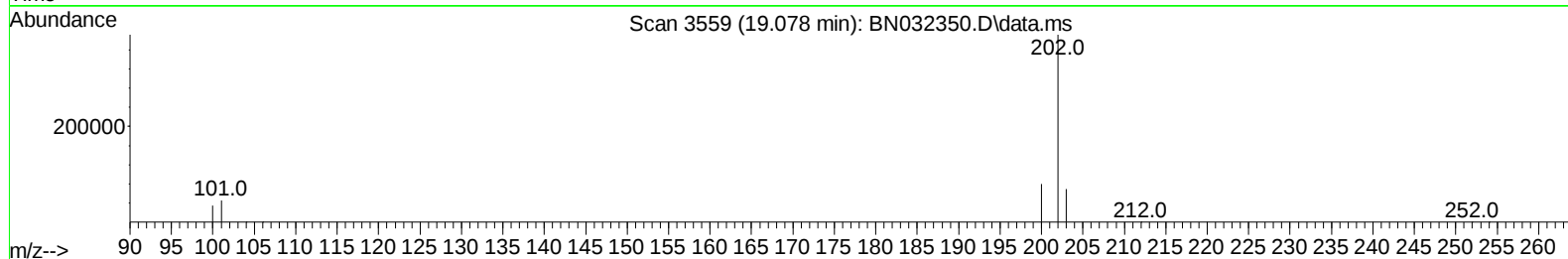
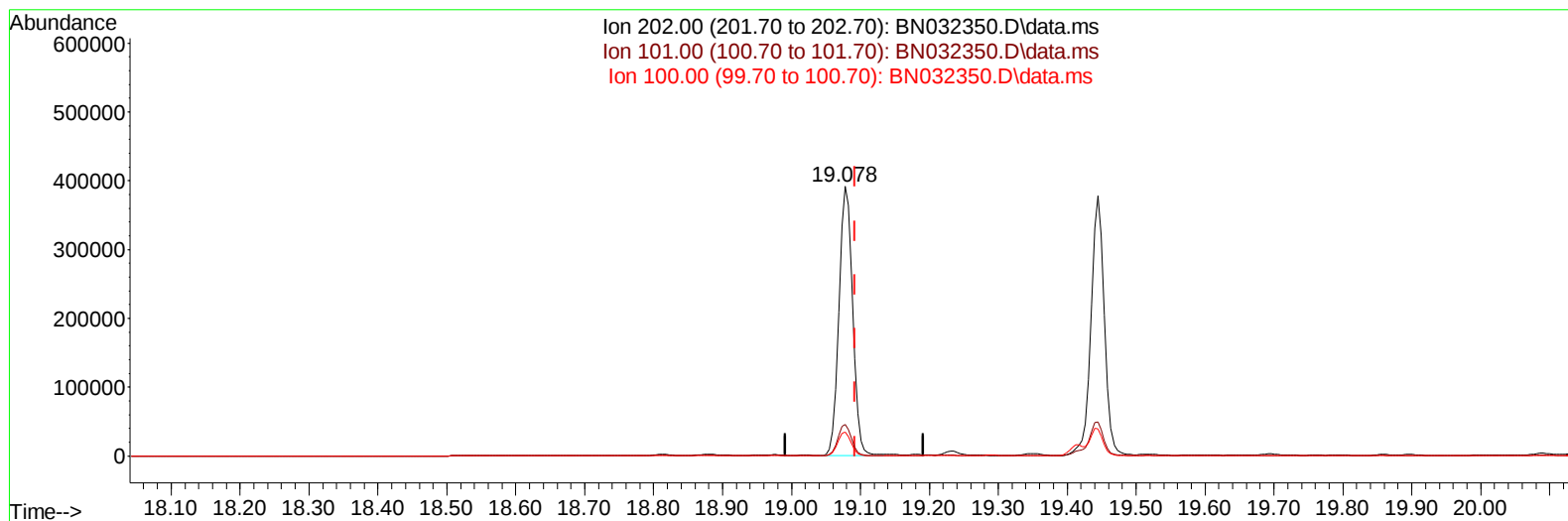
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

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



TIC: BN032350.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 7.90 ng/ul m

response 543768

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.64
100.00	8.00	8.75
0.00	0.00	0.00

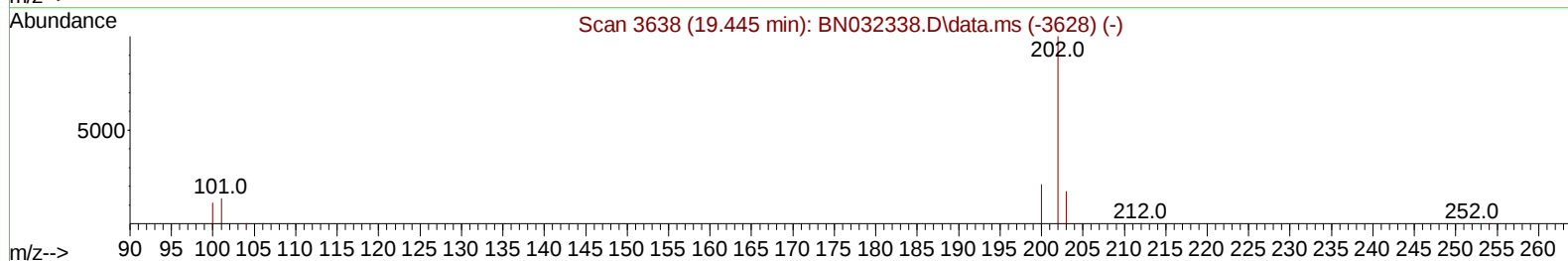
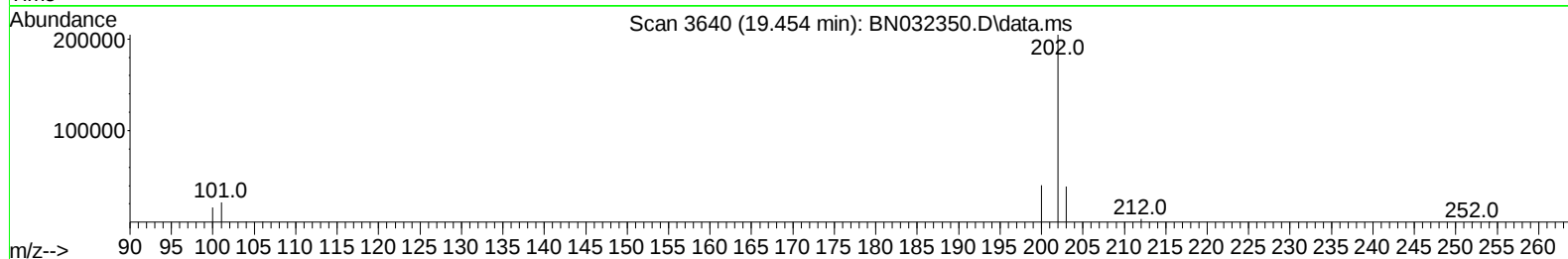
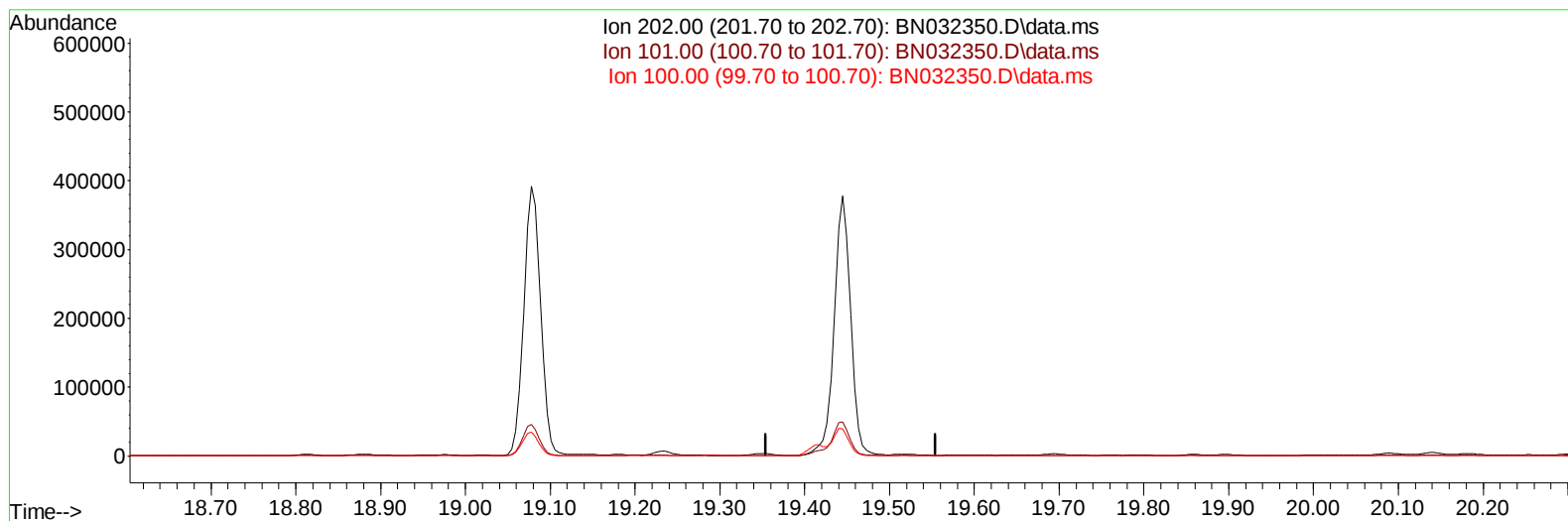
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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TIC: BN032350.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

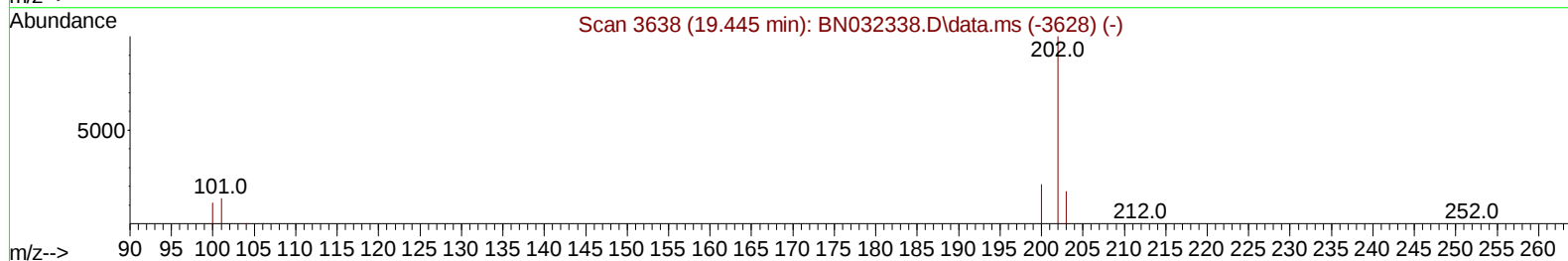
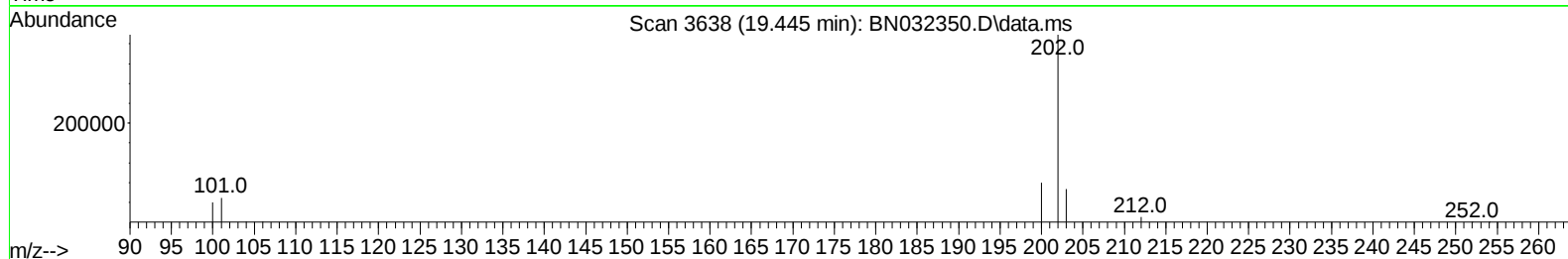
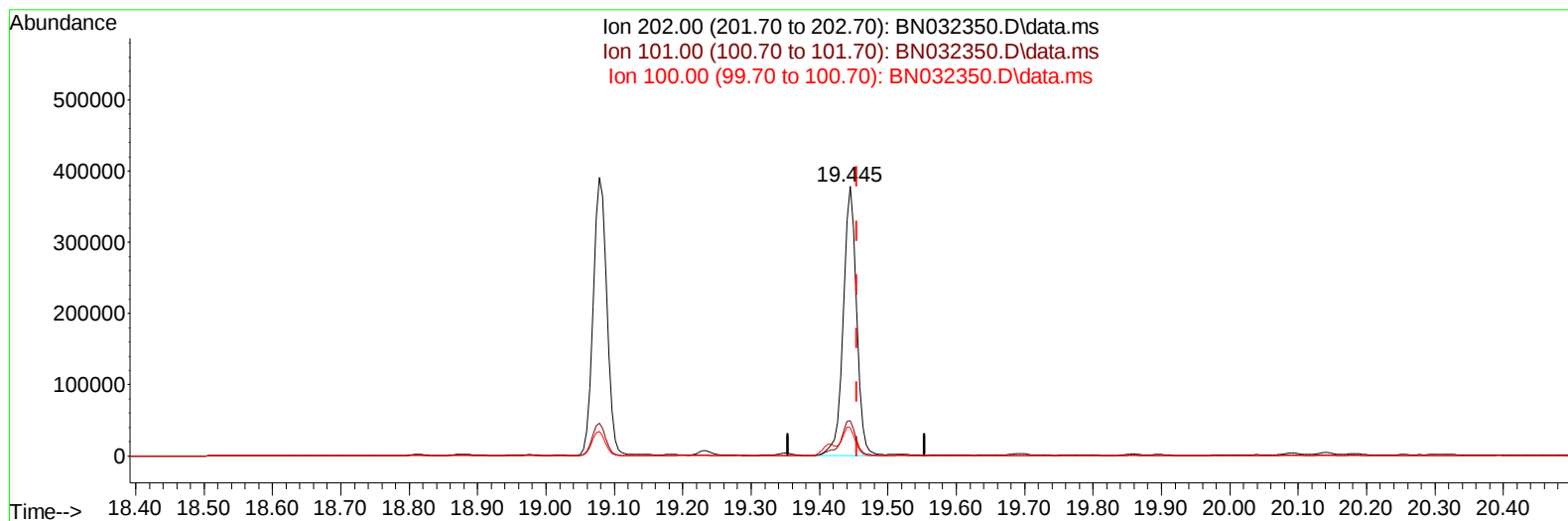
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(20) Pyrene

19.445min (-0.010) 7.15 ng/u1 m

response 514398

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.06
100.00	10.90	10.46
0.00	0.00	0.00

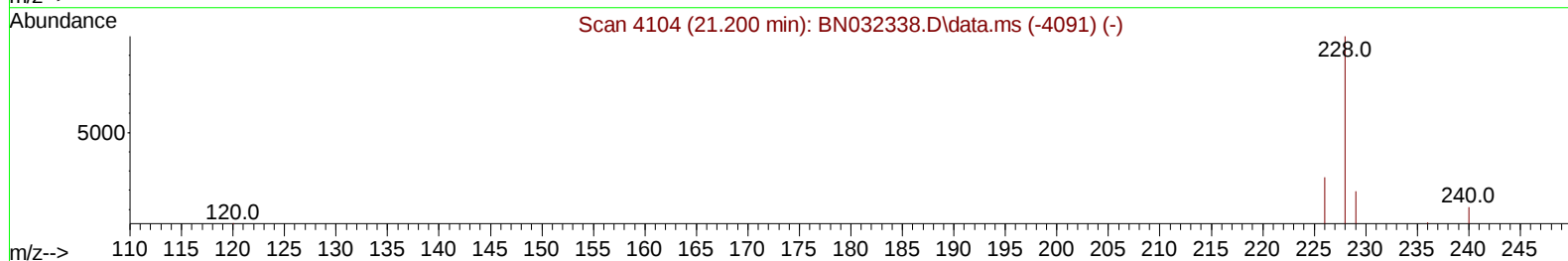
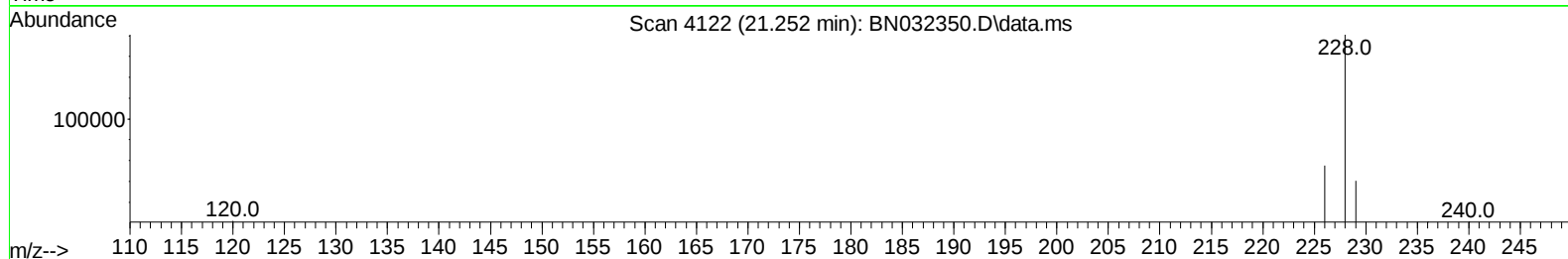
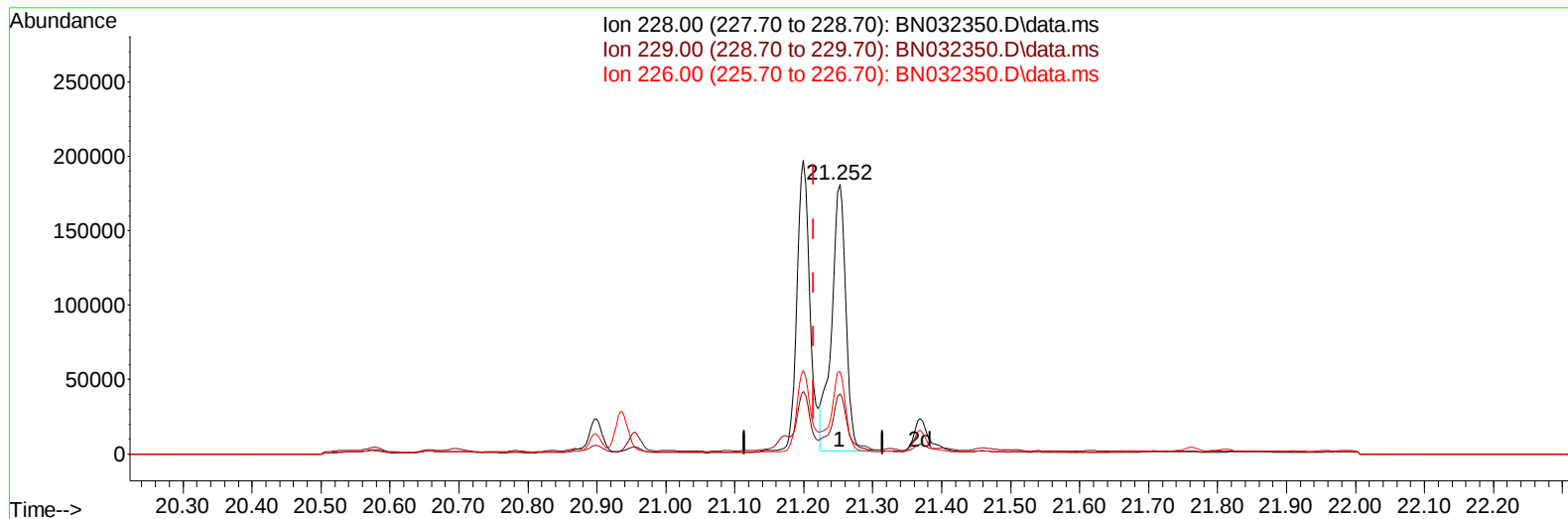
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(21) Benzo(a)anthracene

21.252min (+ 0.038) 3.99 ng/u1

response 260126

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.33
226.00	27.30	30.53
0.00	0.00	0.00

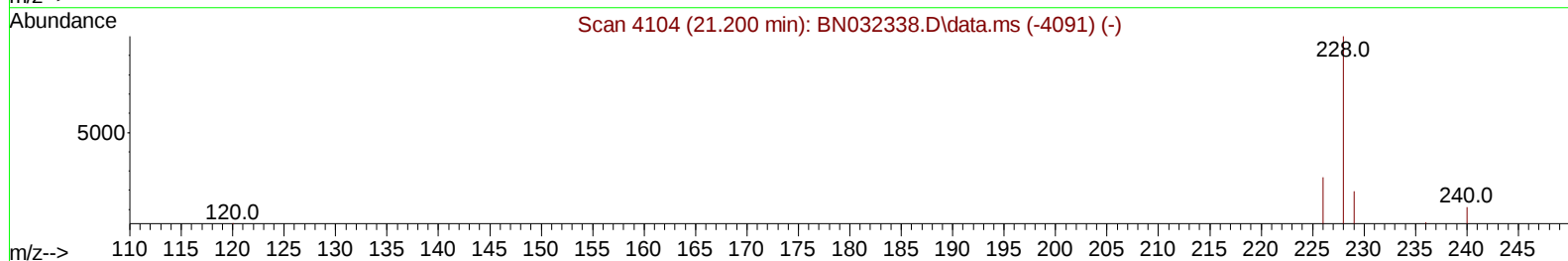
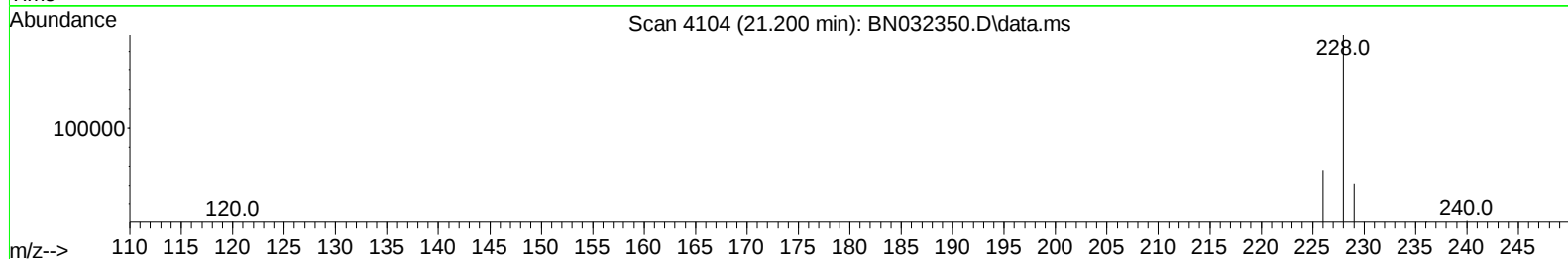
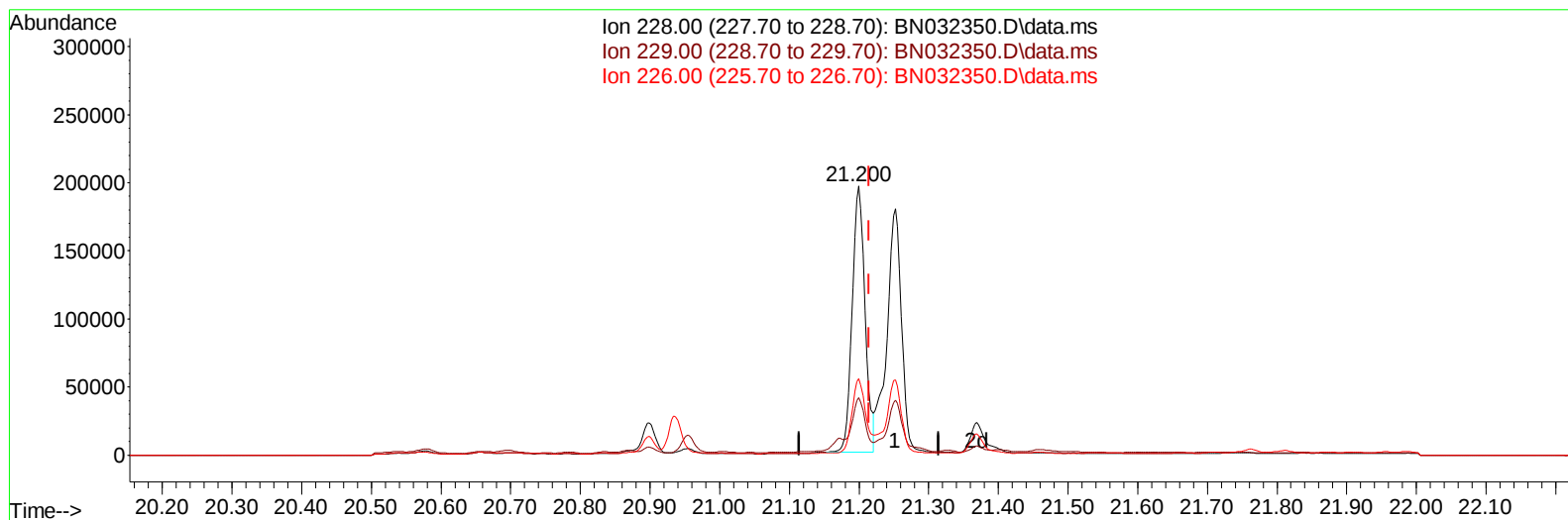
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 3.82 ng/u1 m

response 249516

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.38
226.00	27.30	28.39
0.00	0.00	0.00

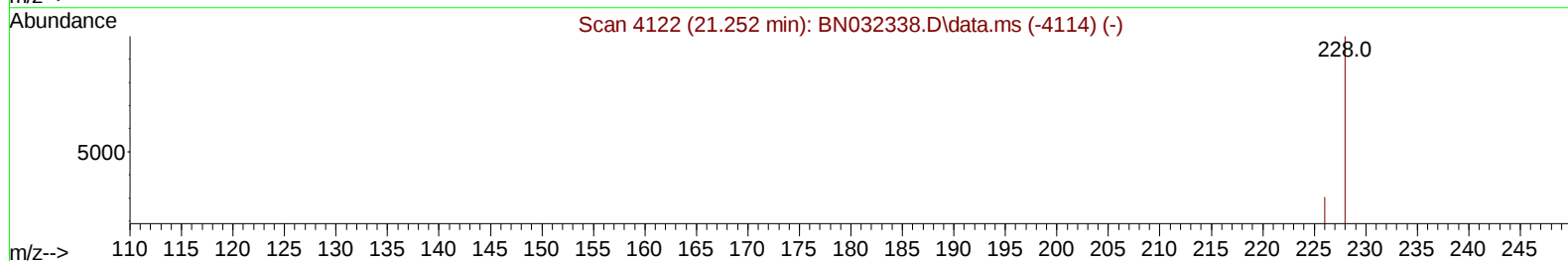
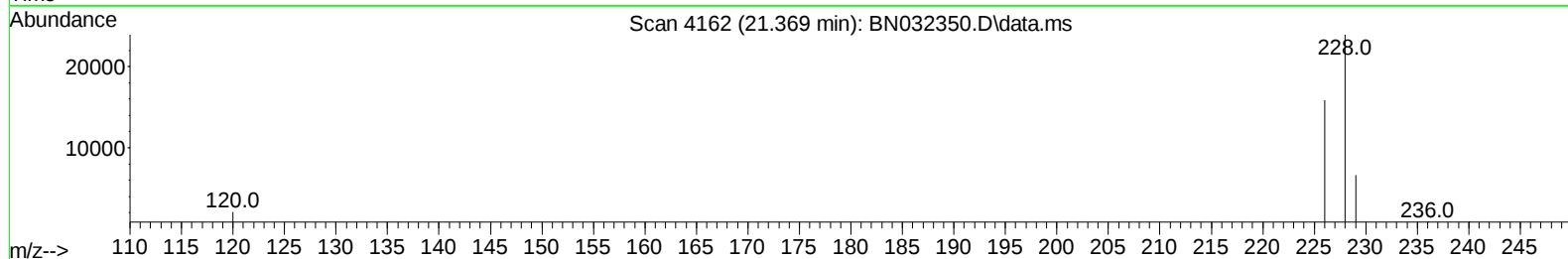
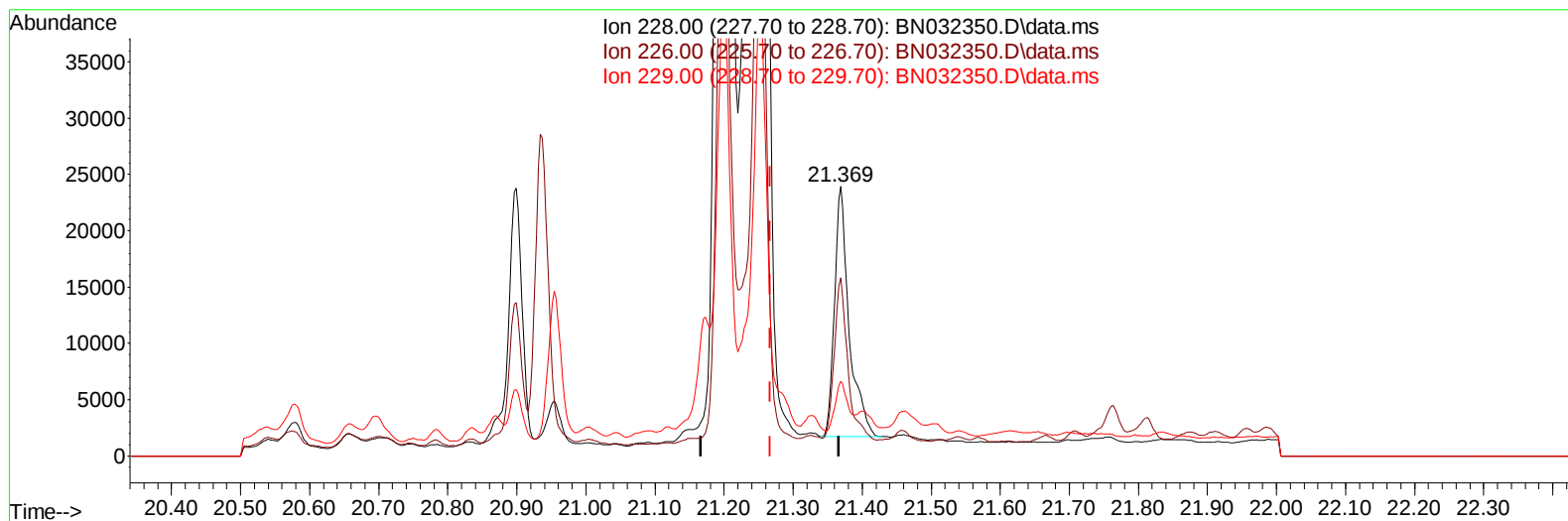
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.46 ng/u1

response 32704

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.25#
229.00	19.60	27.79#
0.00	0.00	0.00

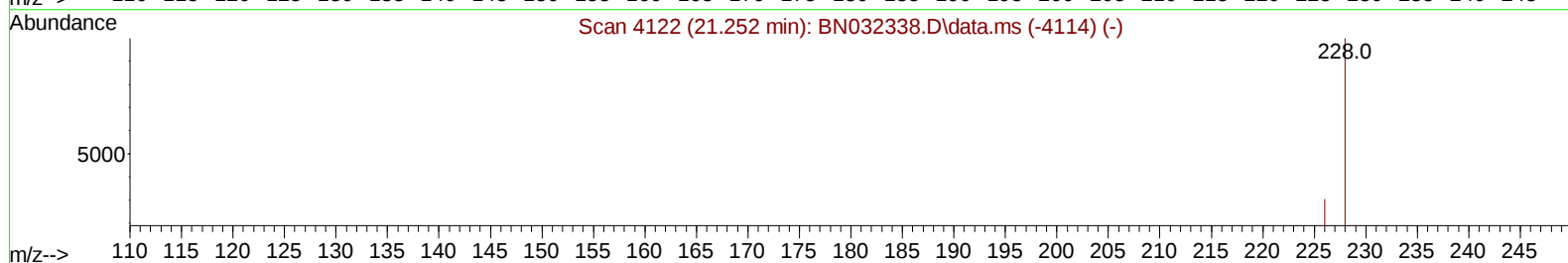
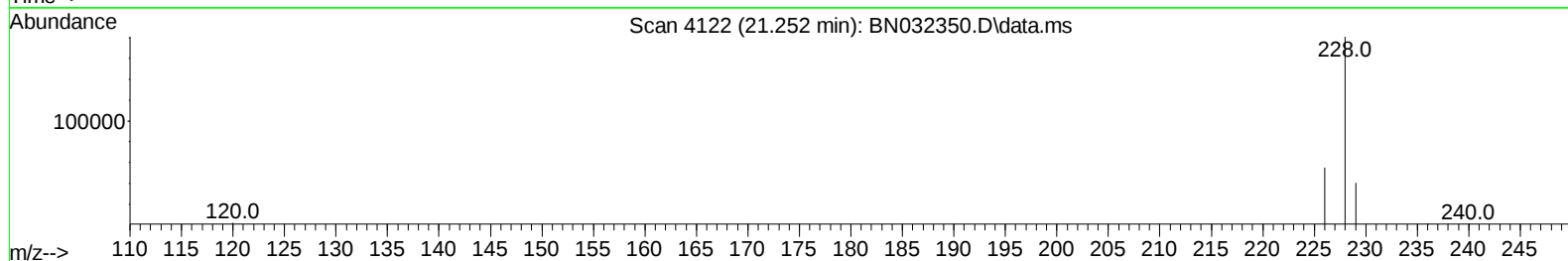
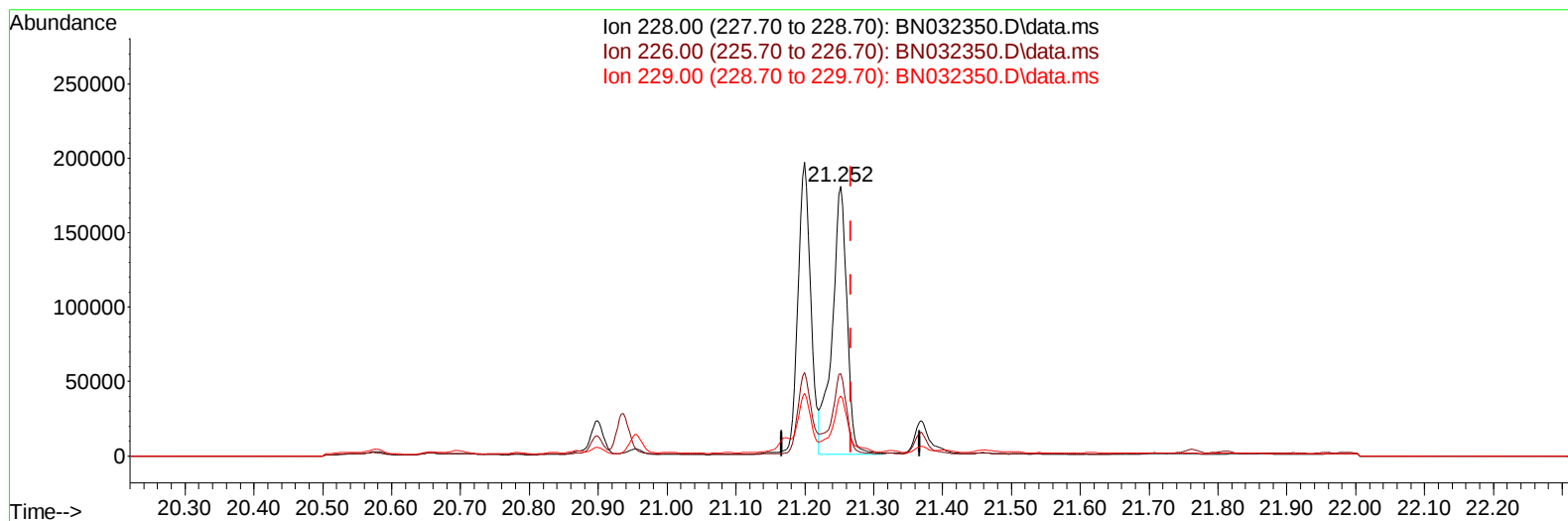
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(22) Chrysene

21.252min (-0.015) 3.79 ng/u1 m

response 271152

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.53
229.00	19.60	22.33
0.00	0.00	0.00

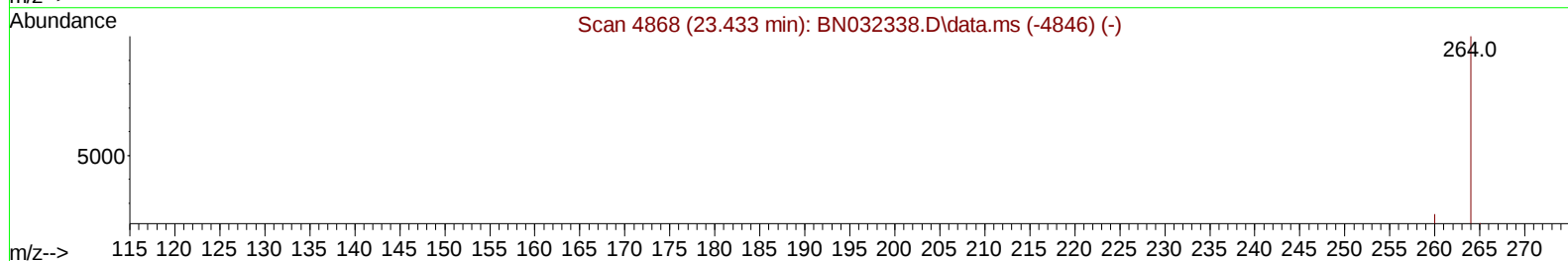
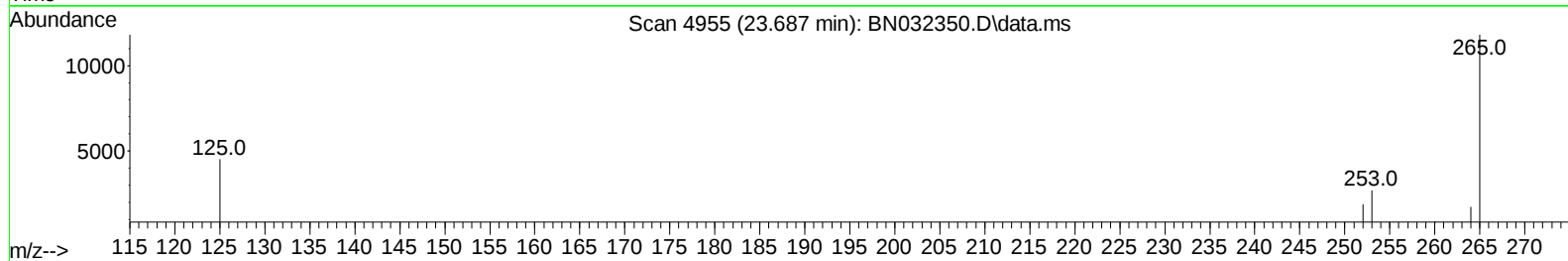
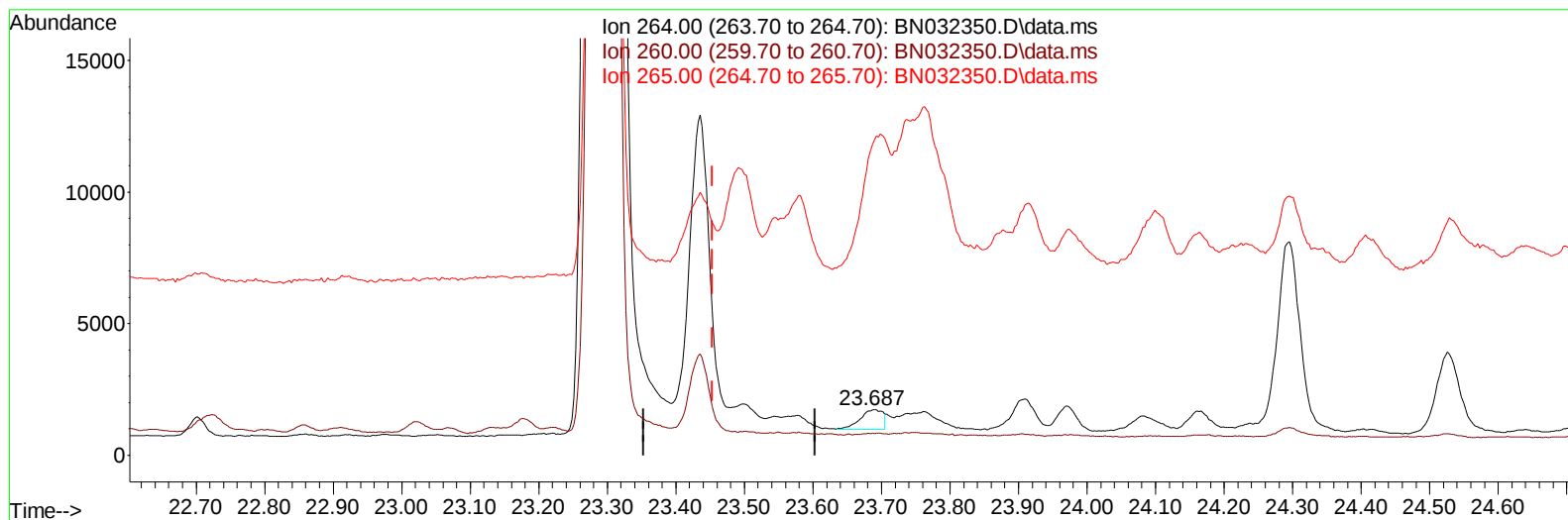
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(23) Perylene-d12 (I)

23.687min (+ 0.234) 0.40 ng/u1

response 1710

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	48.41#
265.00	67.20	683.17#
0.00	0.00	0.00

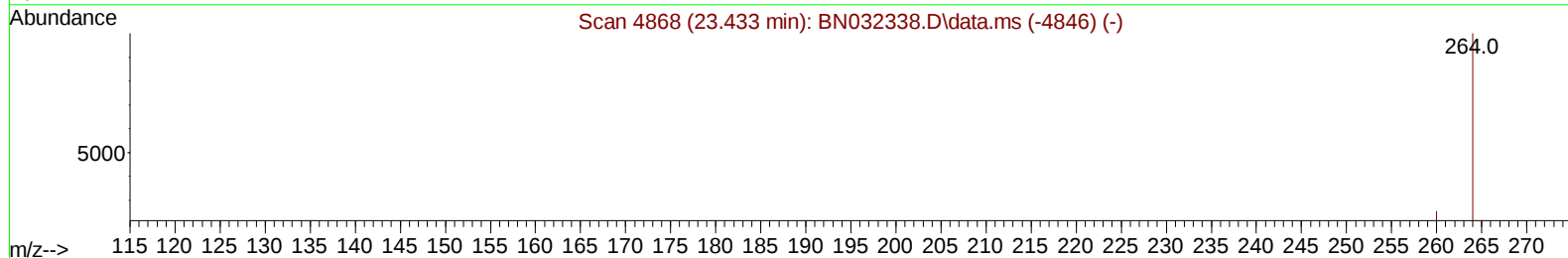
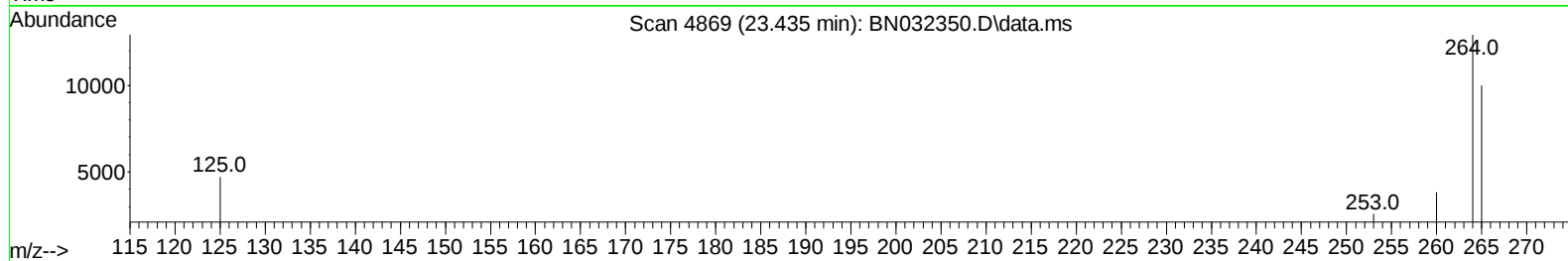
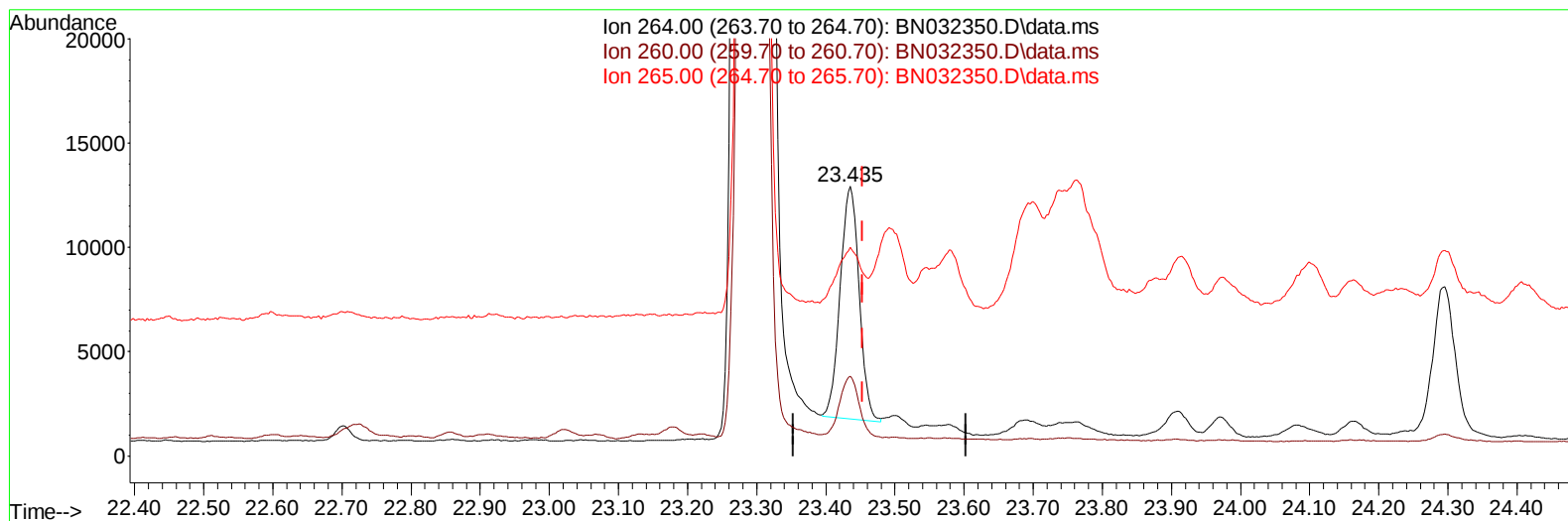
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(23) Perylene-d12 (I)

23.435min (-0.018) 0.40 ng/ul m

response 21179

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.67
265.00	67.20	77.38
0.00	0.00	0.00

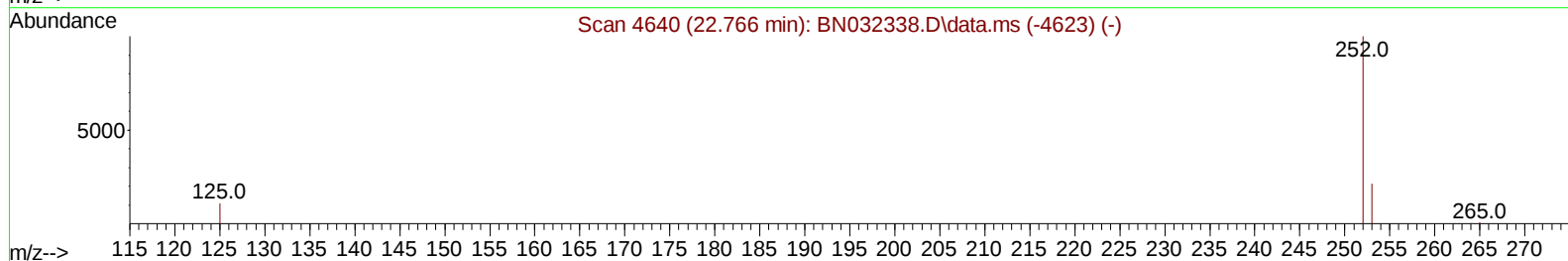
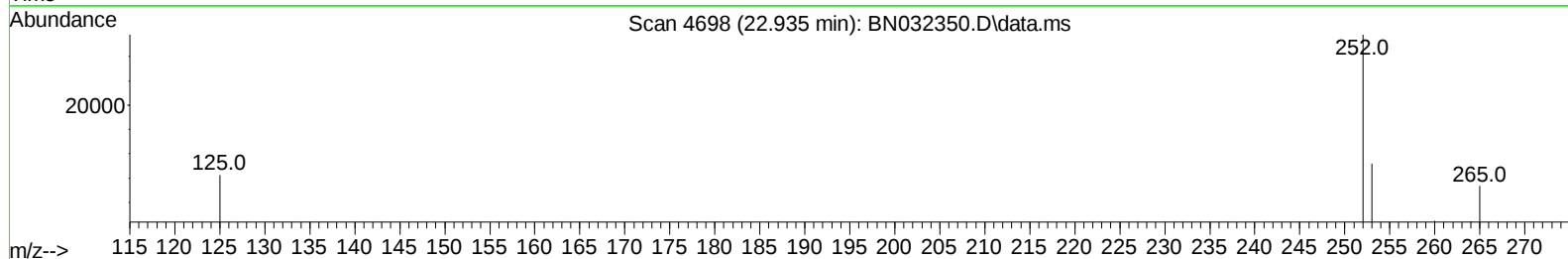
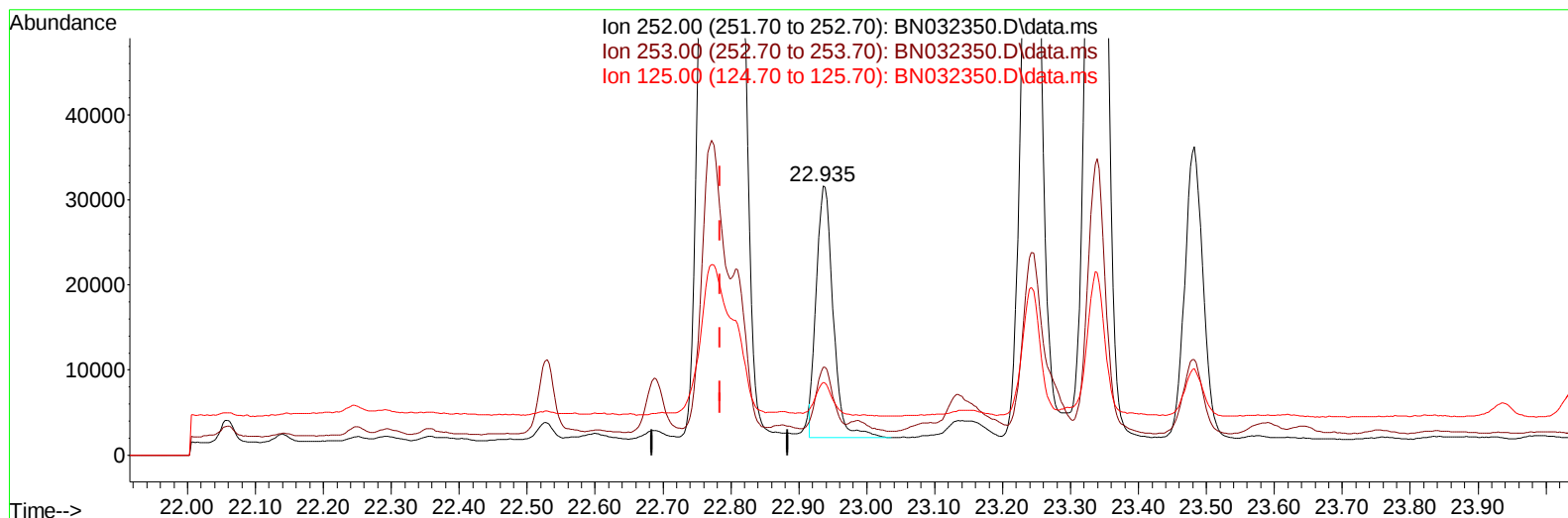
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(24) Benzo(b)fluoranthene

22.935min (+ 0.152) 0.55 ng/u1

response 50976

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.67
125.00	16.00	26.99
0.00	0.00	0.00

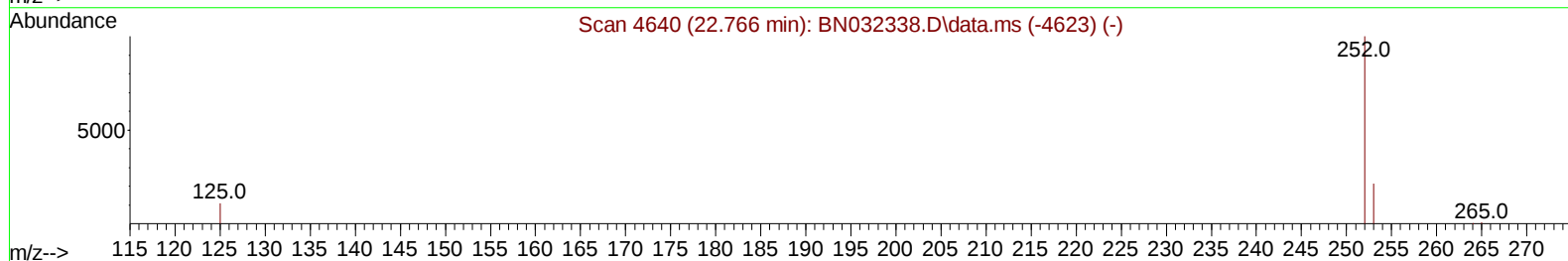
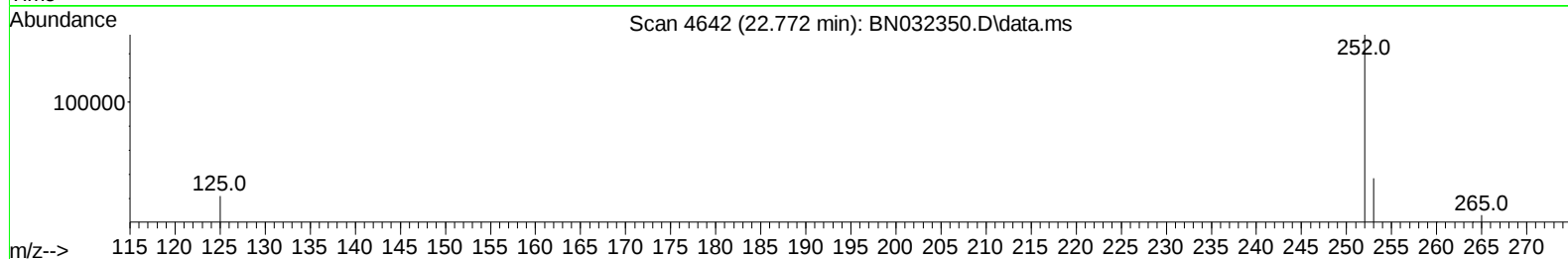
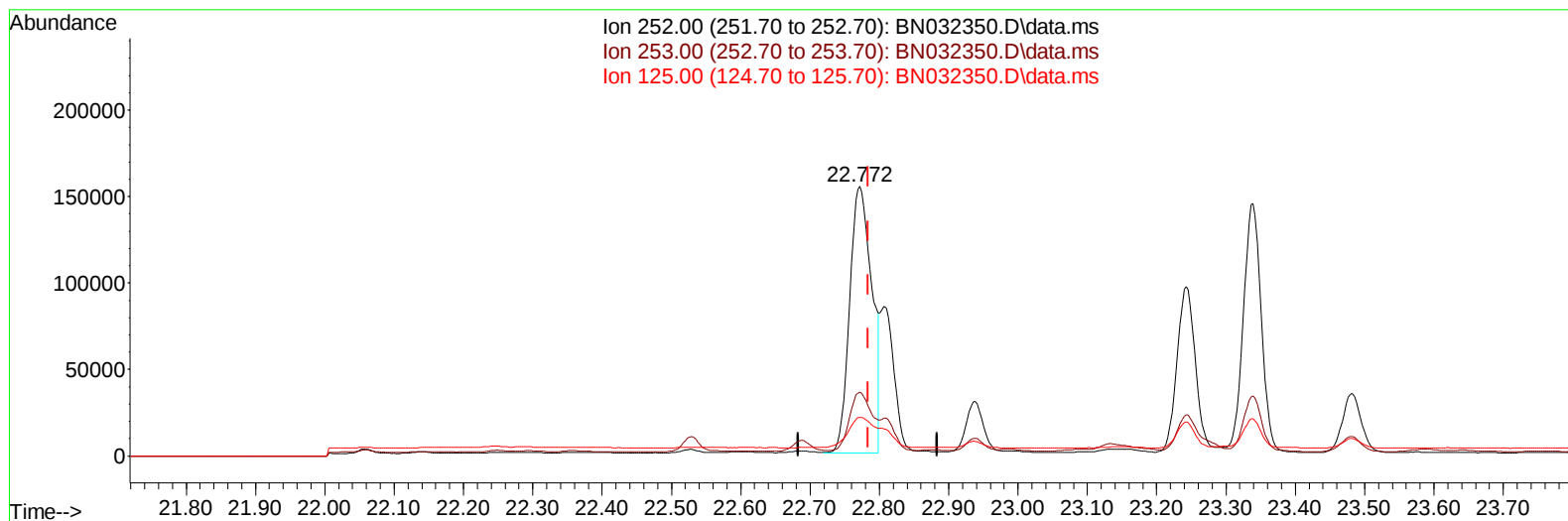
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(24) Benzo(b)fluoranthene

22.772min (-0.012) 3.74 ng/u1 m

response 343780

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.75
125.00	16.00	14.36
0.00	0.00	0.00

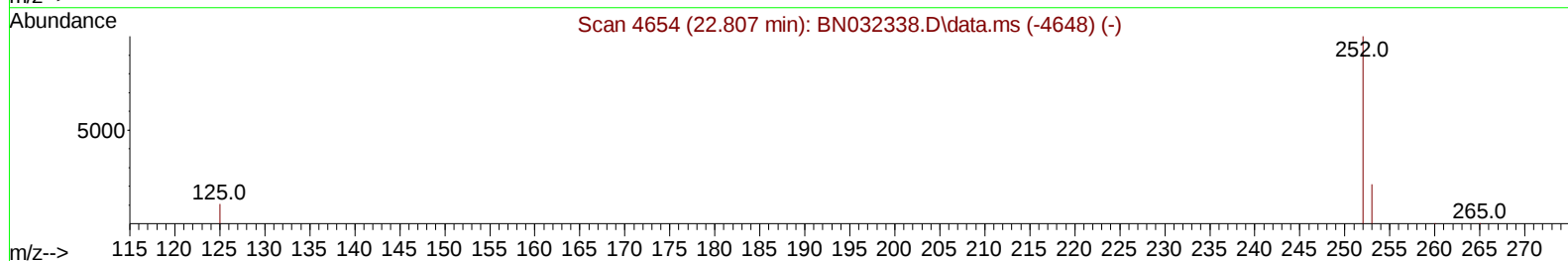
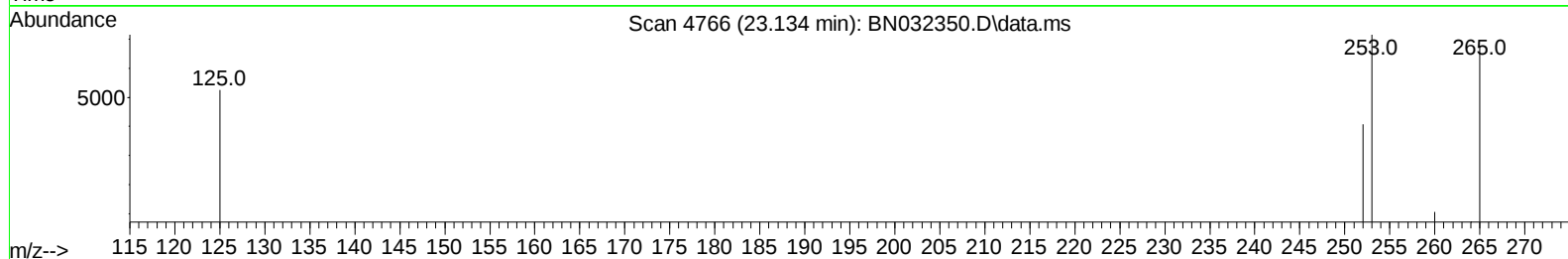
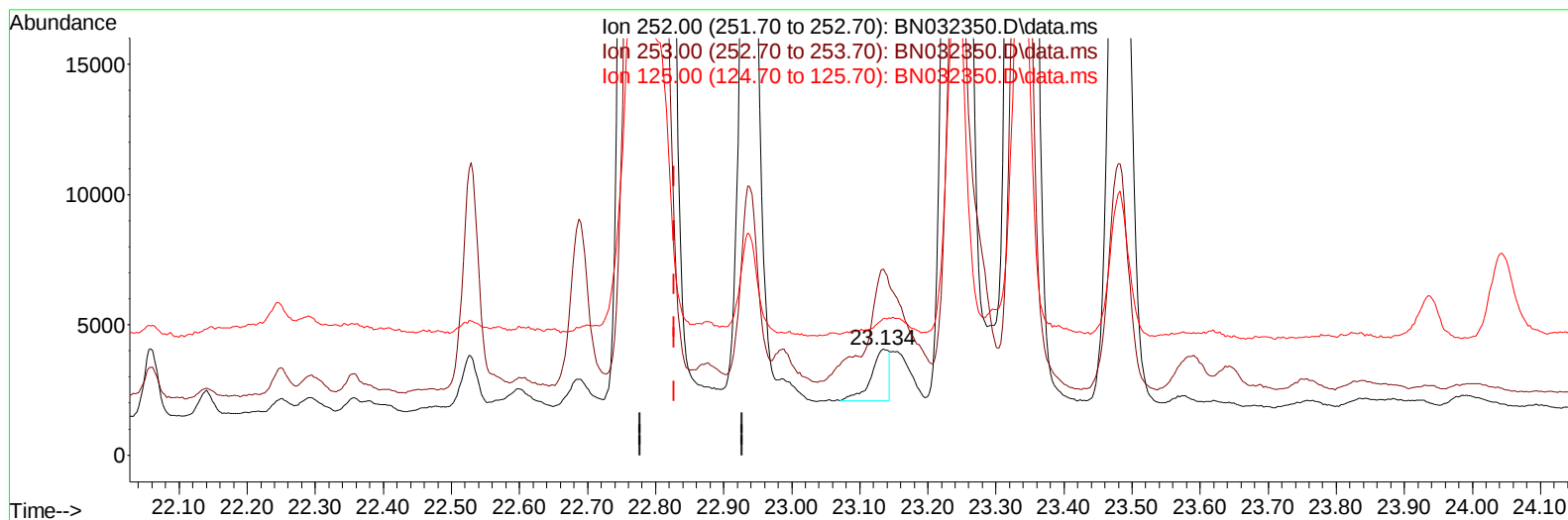
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(25) Benzo(k)fluoranthene

23.134min (+ 0.307) 0.04 ng/u1

response 3684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	175.89#
125.00	16.00	128.95#
0.00	0.00	0.00

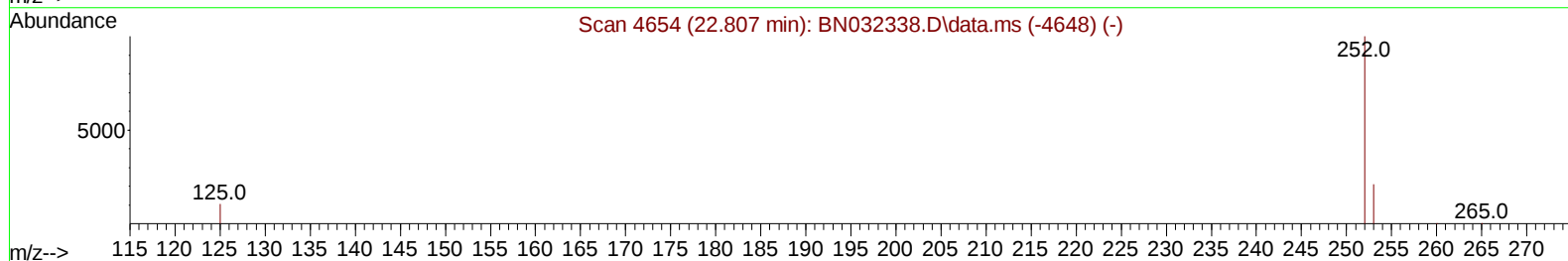
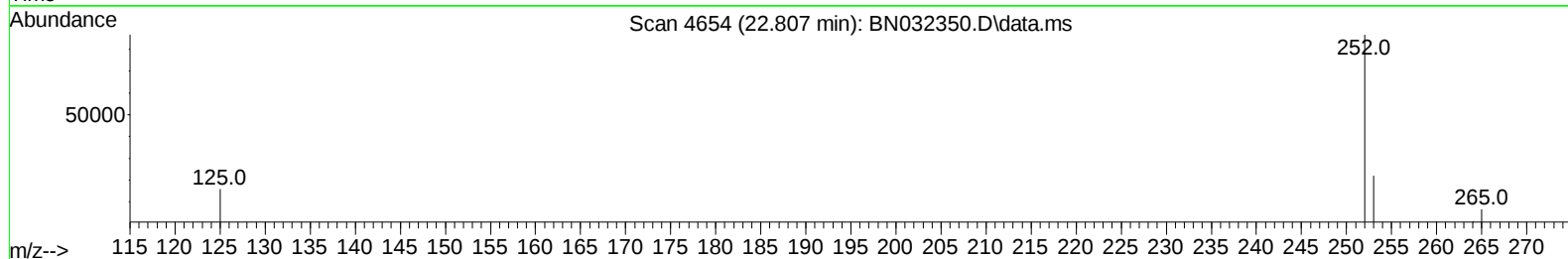
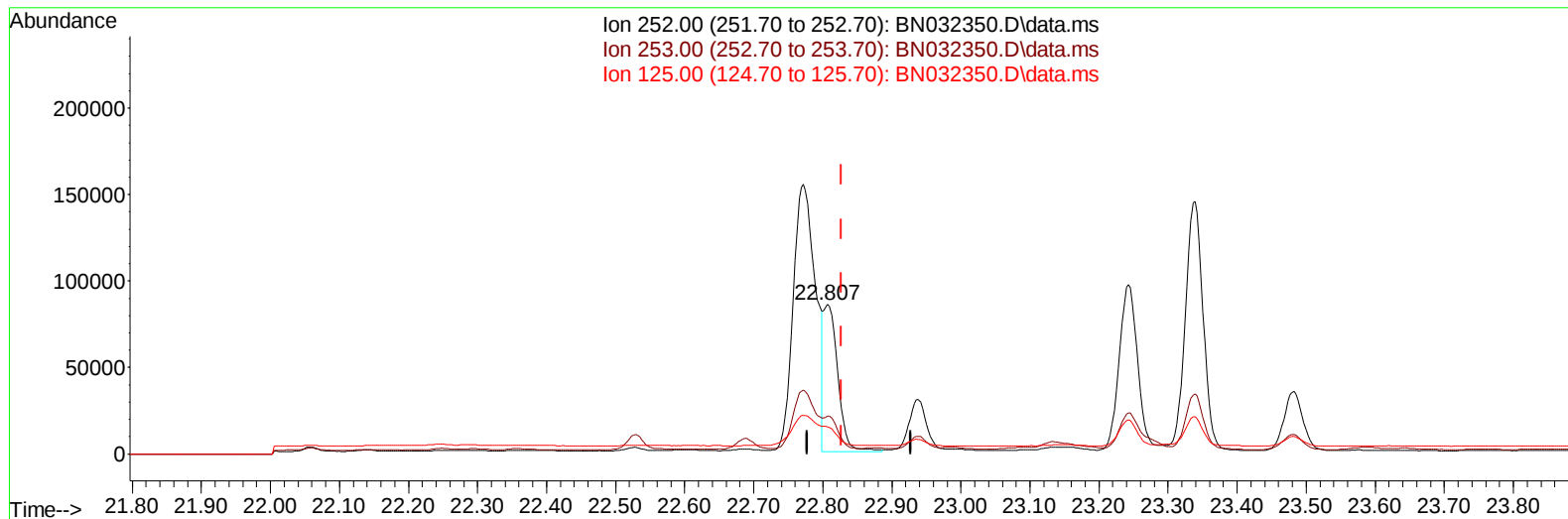
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 1.39 ng/u1 m

response 124501

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.25
125.00	16.00	18.27
0.00	0.00	0.00

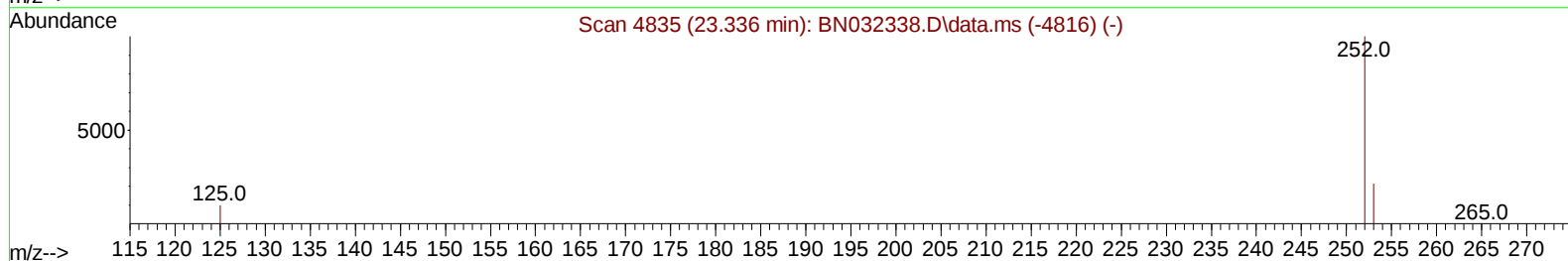
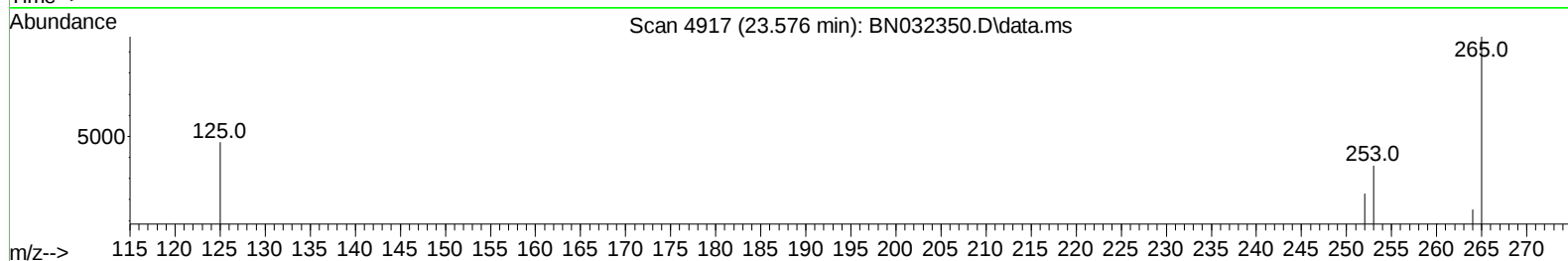
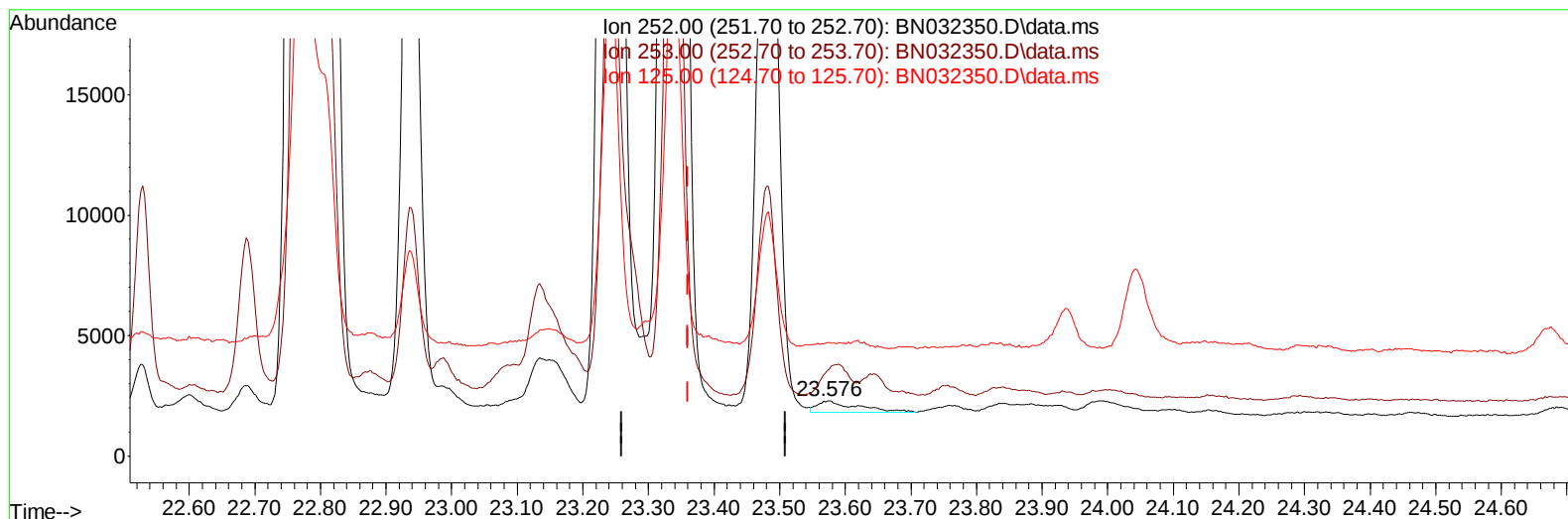
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(26) Benzo(a)pyrene (C)

23.576min (+ 0.216) 0.03 ng/u1

response 1996

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	157.82#
125.00	20.50	206.29#
0.00	0.00	0.00

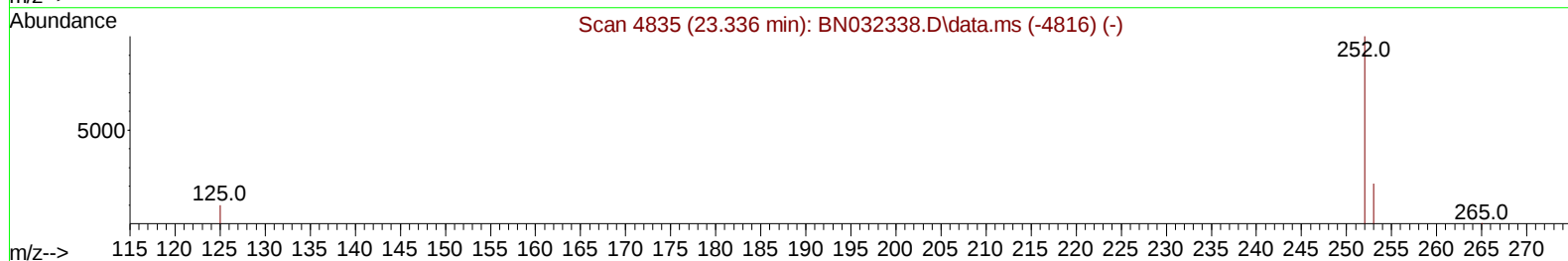
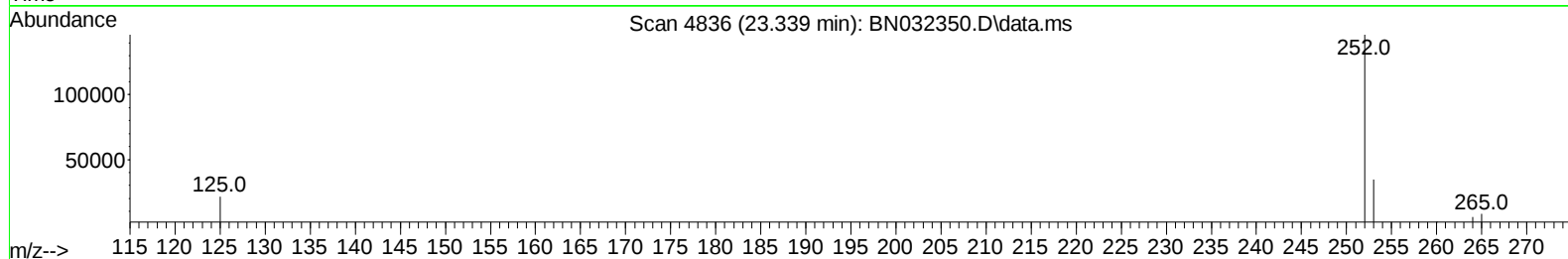
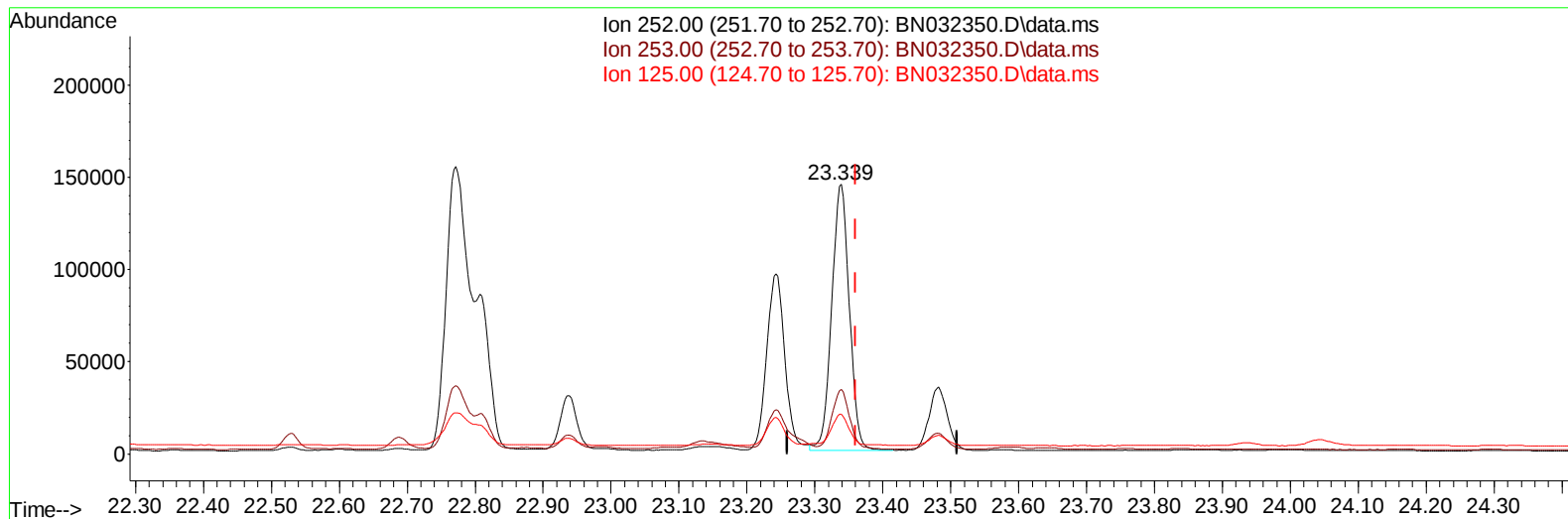
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(26) Benzo(a)pyrene (C)

23.339min (-0.021) 4.08 ng/u1 m

response 260918

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.85
125.00	20.50	14.67#
0.00	0.00	0.00

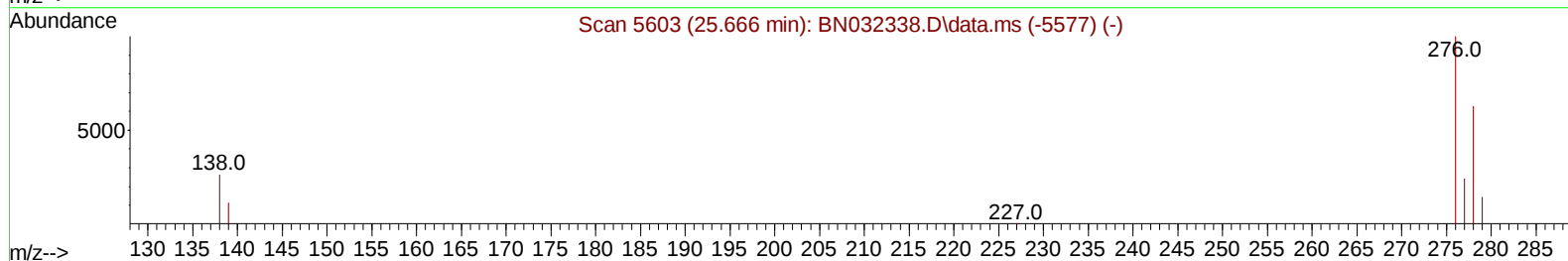
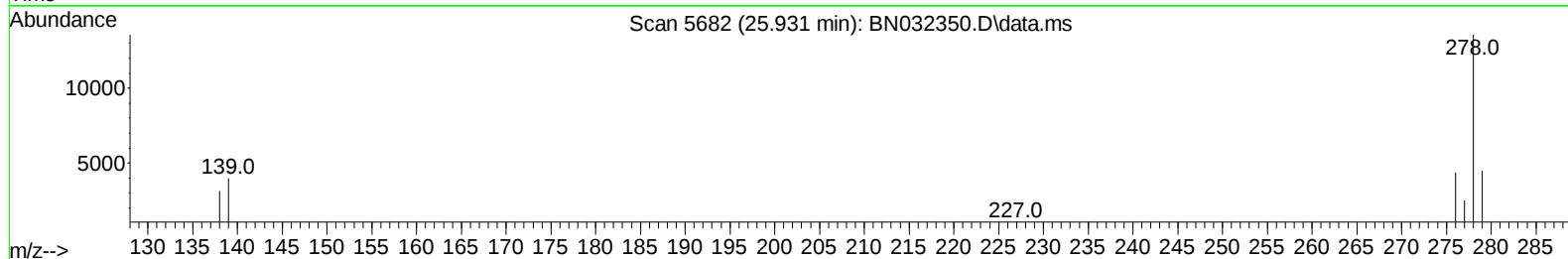
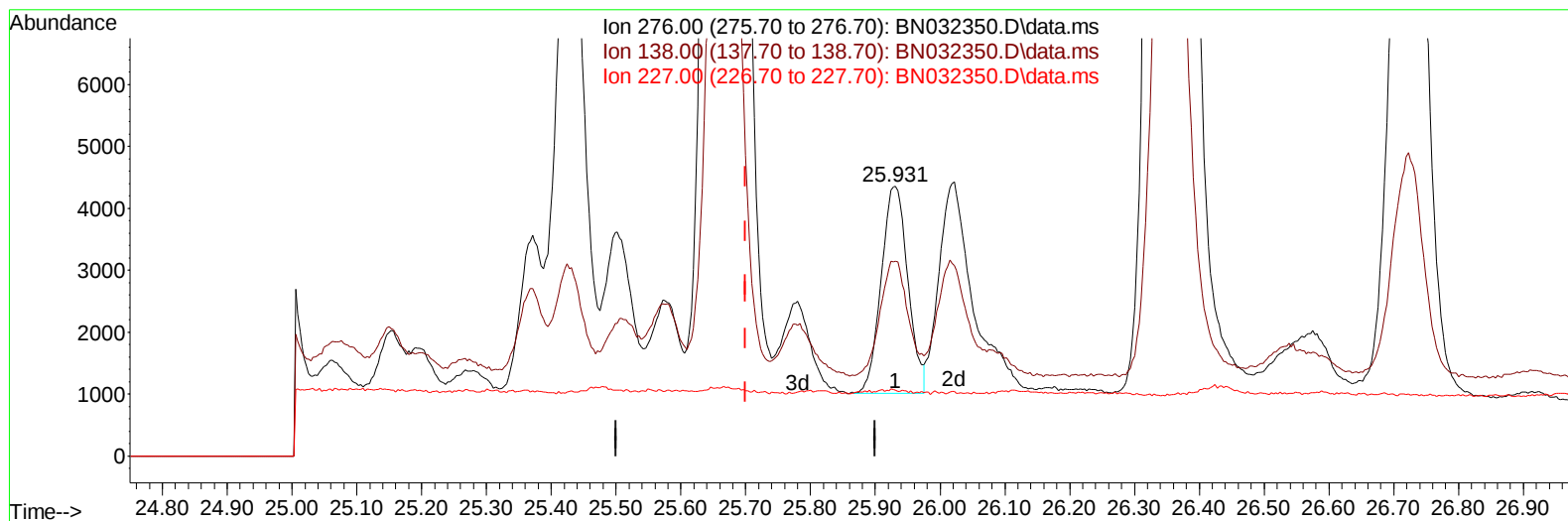
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032350.D
 Acq On : 29 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-17
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

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

25.931min (+ 0.231) 0.10 ng/u1

response 9541

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.14#
227.00	0.10	0.57#
0.00	0.00	0.00

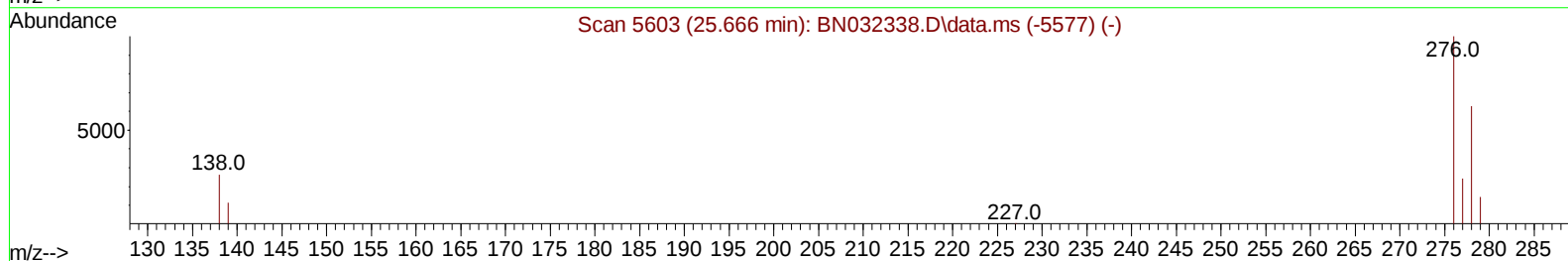
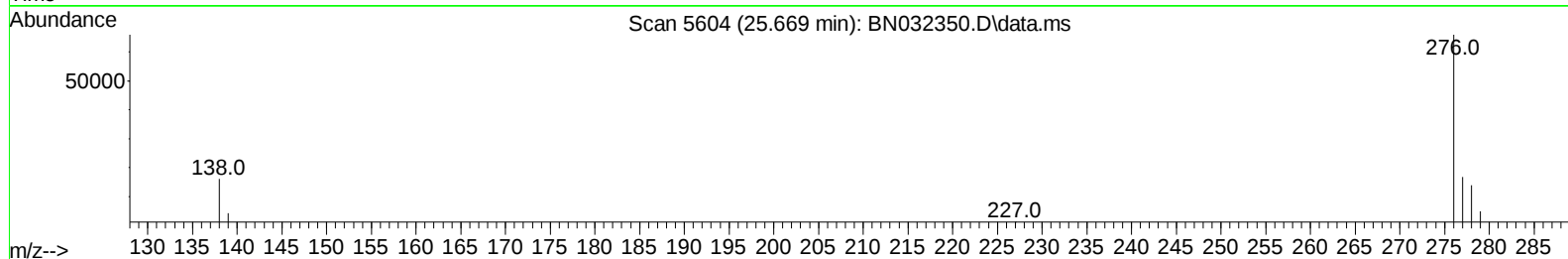
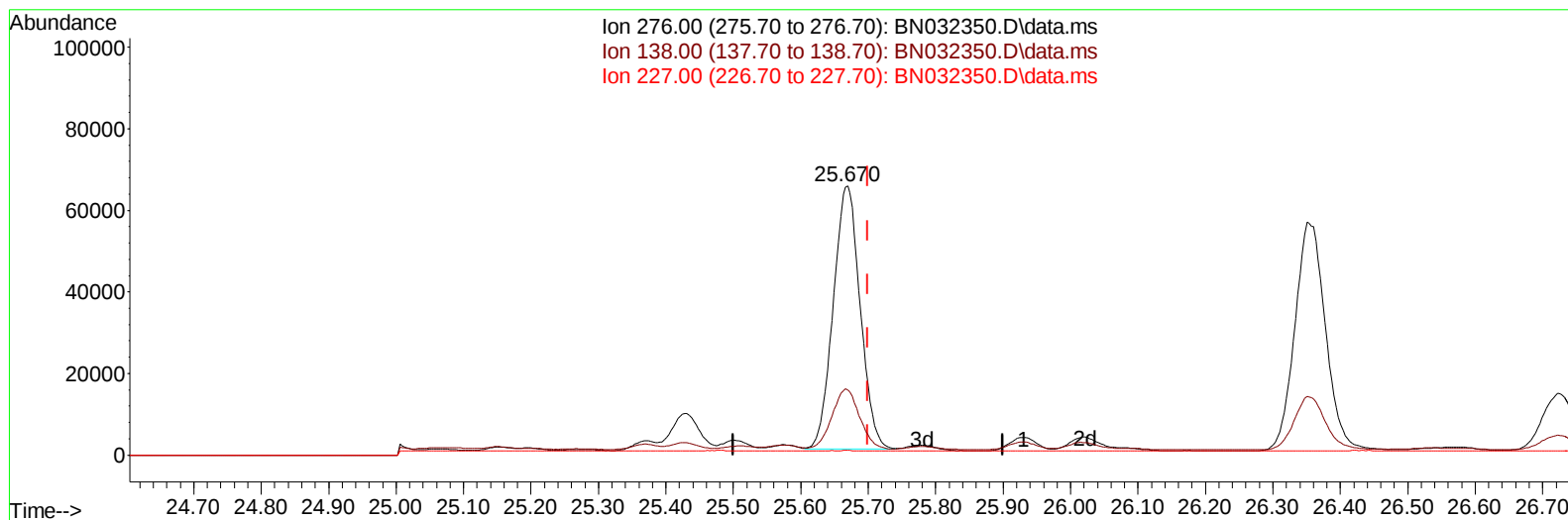
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

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

25.669min (-0.030) 1.78 ng/u1 m

response 178877

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.10#
227.00	0.10	0.03#
0.00	0.00	0.00

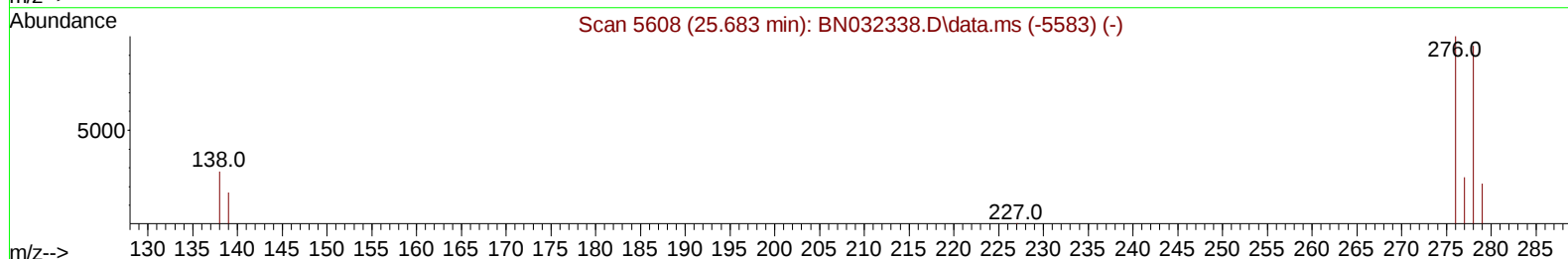
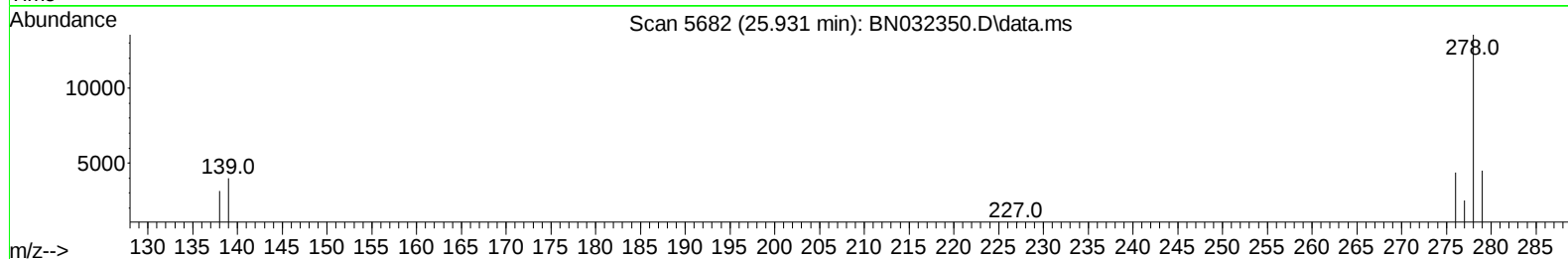
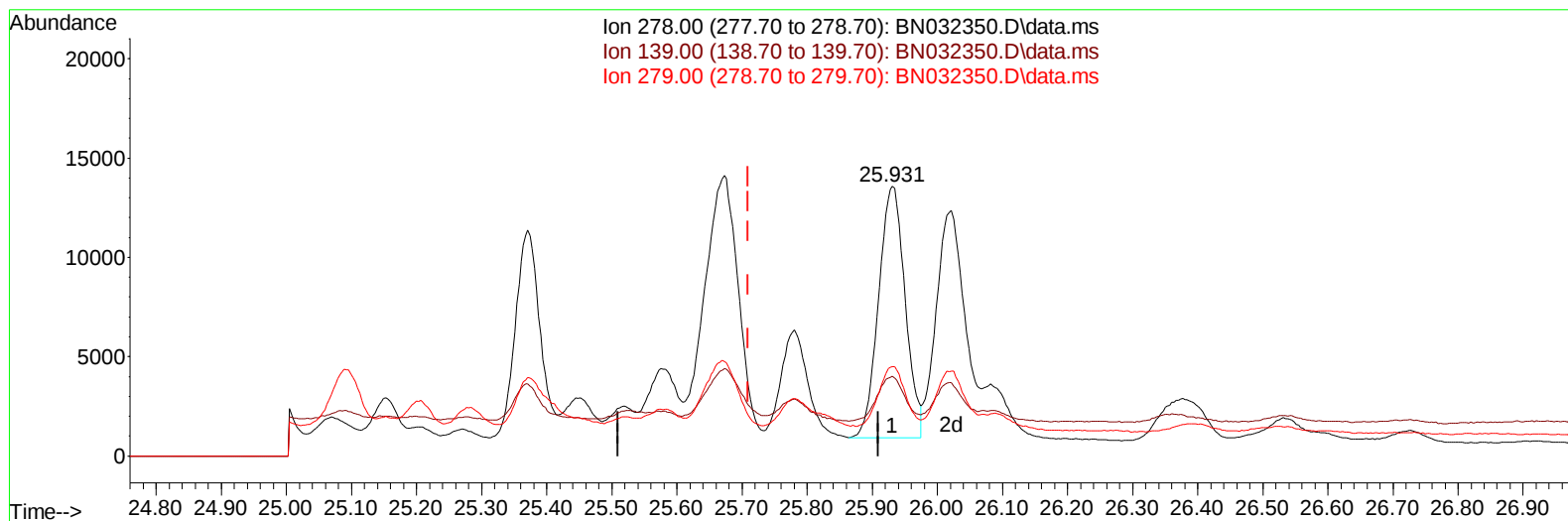
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(28) Dibenzo(a,h)anthracene

25.931min (+ 0.221) 0.48 ng/u1

response 35907

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.50#
279.00	26.40	33.14#
0.00	0.00	0.00

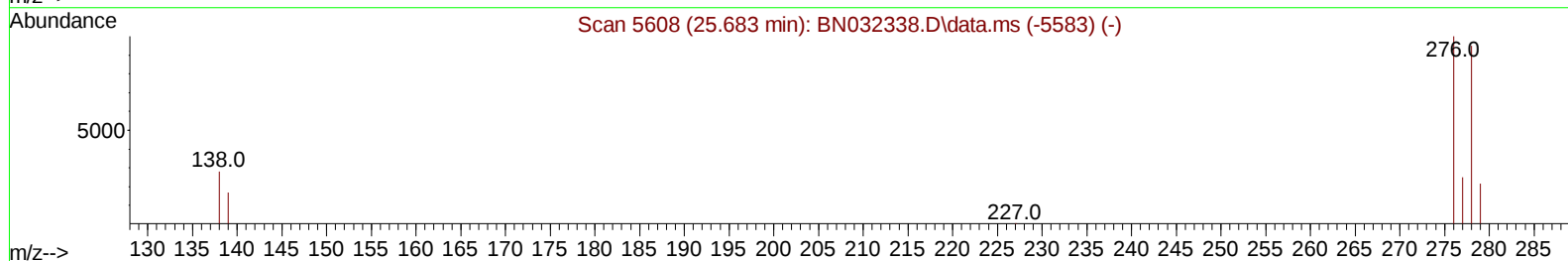
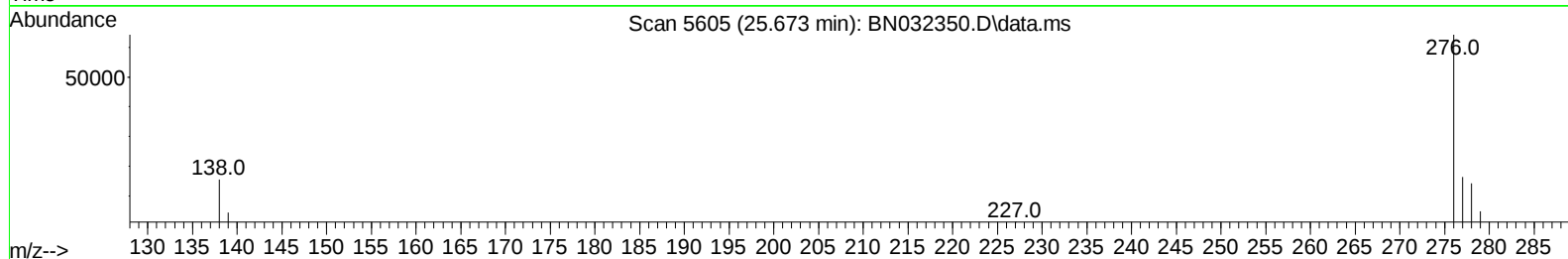
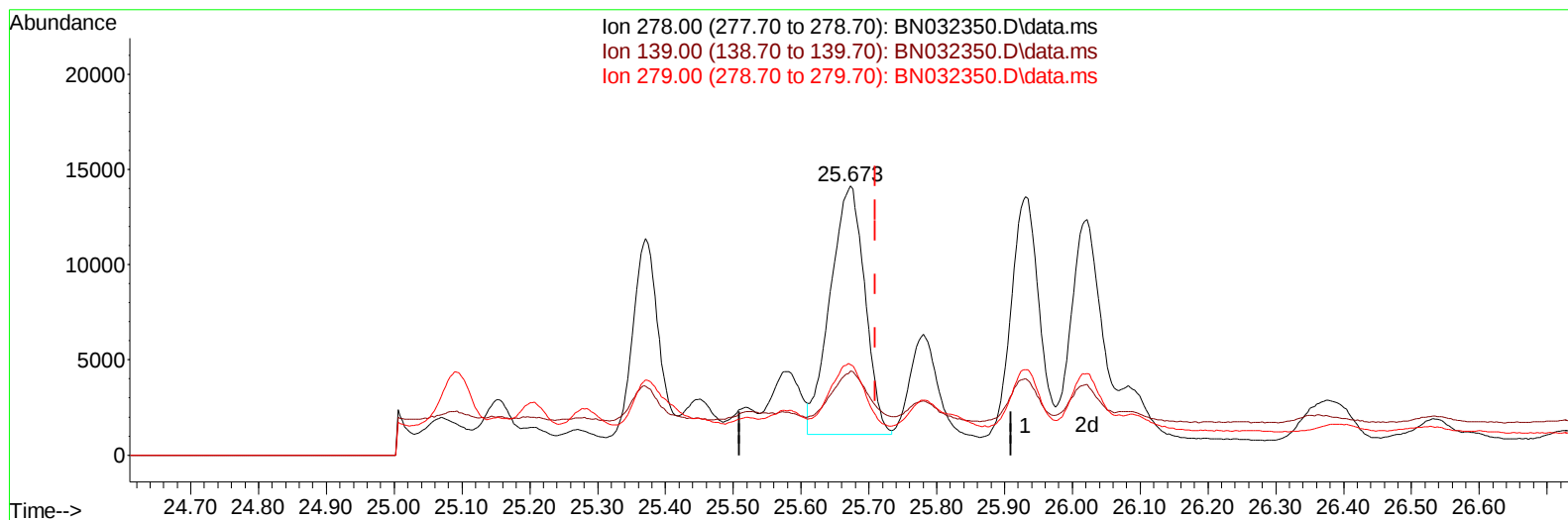
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

(28) Dibenzo(a,h)anthracene

25.673min (-0.037) 0.62 ng/ul m

response 46170

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	31.17#
279.00	26.40	33.73#
0.00	0.00	0.00

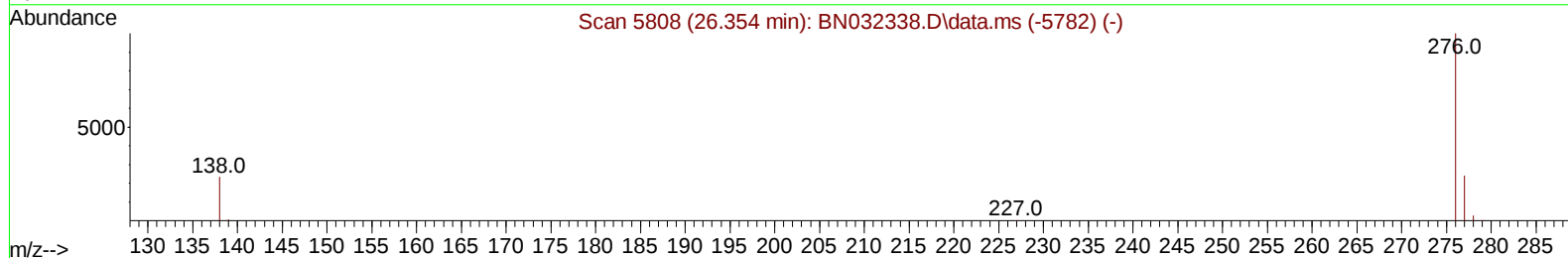
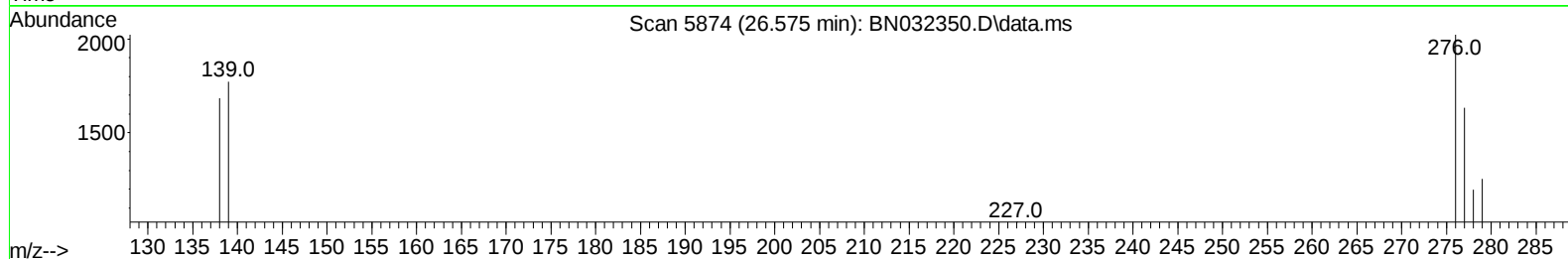
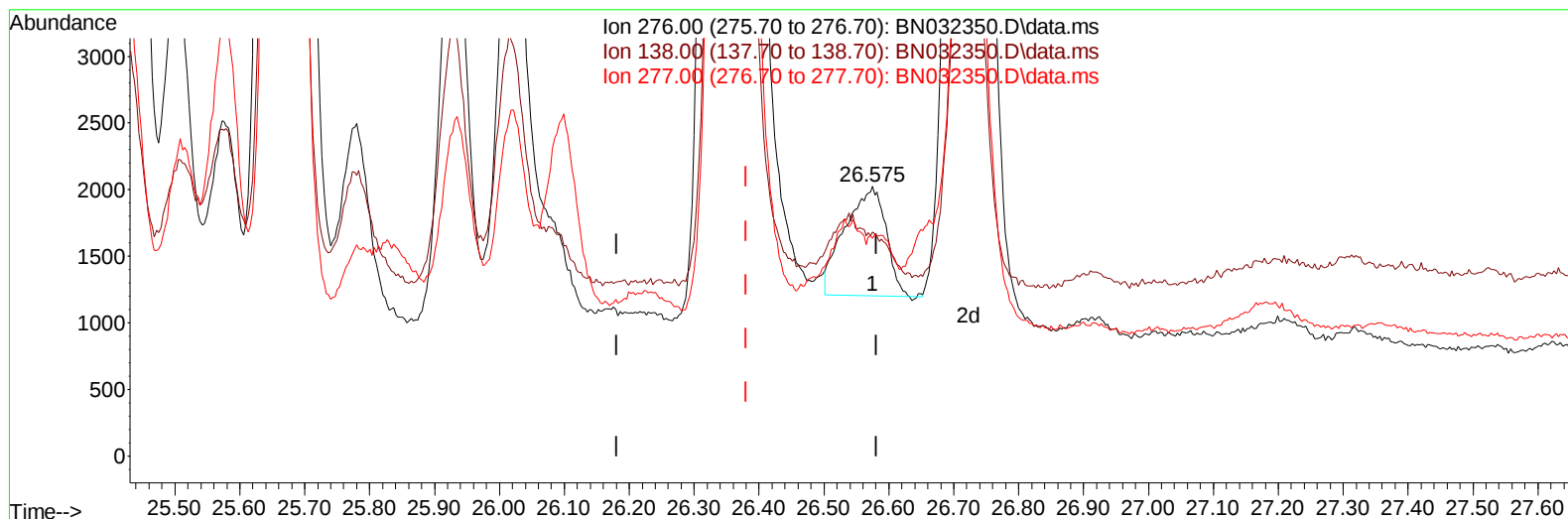
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032350.D\data.ms

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

26.575min (+ 0.194) 0.04 ng/u1

response 3578

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	83.24#
277.00	24.70	80.82#
0.00	0.00	0.00

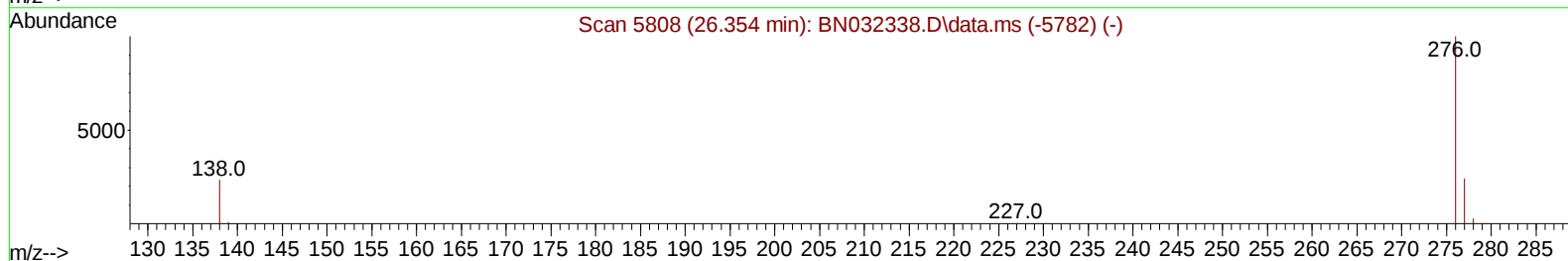
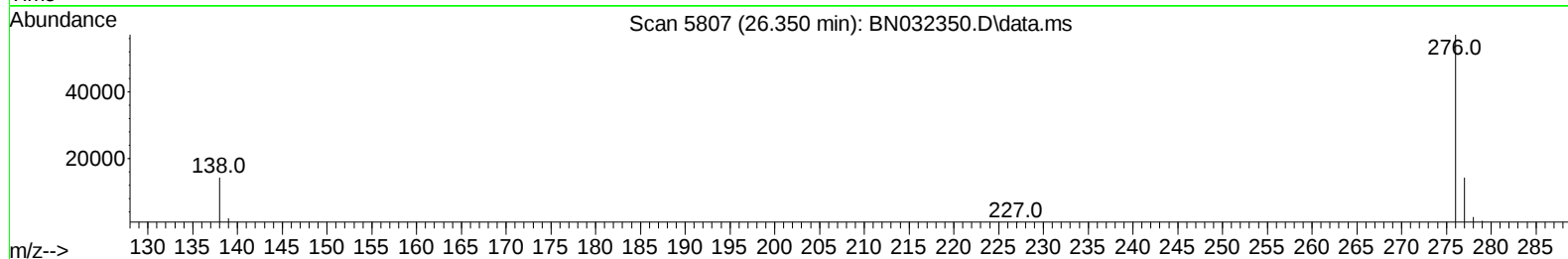
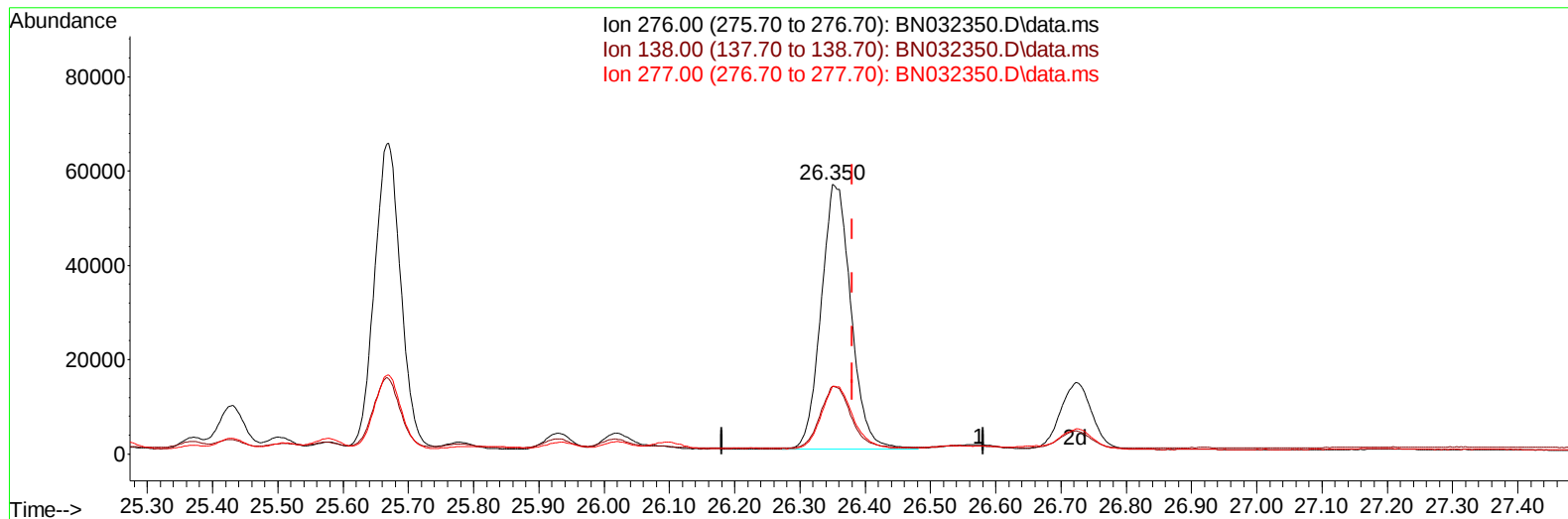
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 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: BN032350.D\data.ms

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

26.350min (-0.030) 2.24 ng/u1 m

response 178698

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	25.07
277.00	24.70	25.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032350.D
 Acq On : 29 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-17
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:05:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27198	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	14251	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	24027m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	18081m	0.400	ng/ul	-0.01
23) Perylene-d12	23.435	264	21179m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37691	3.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	10554	0.259	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	16379m	0.301	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	13515	0.188	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	6203	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.284	142	5642	0.114	ng/ul	99
10) Acenaphthylene	13.980	152	17437	0.294	ng/ul	97
11) Acenaphthene	14.322	153	22868	0.497	ng/ul	98
12) Fluorene	15.312	166	22746	0.415	ng/ul	99
15) Phenanthrene	17.054	178	378421m	5.745	ng/ul	
16) Anthracene	17.147	178	71344m	1.214	ng/ul	
19) Fluoranthene	19.078	202	543768m	7.898	ng/ul	
20) Pyrene	19.445	202	514398m	7.149	ng/ul	
21) Benzo(a)anthracene	21.200	228	249516m	3.823	ng/ul	
22) Chrysene	21.252	228	271152m	3.786	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	343780m	3.736	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	124501m	1.393	ng/ul	
26) Benzo(a)pyrene	23.339	252	260918m	4.076	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.669	276	178877m	1.784	ng/ul	
28) Dibenzo(a,h)anthracene	25.673	278	46170m	0.620	ng/ul	
29) Benzo(g,h,i)perylene	26.350	276	178698m	2.238	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:05:15 2024
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