

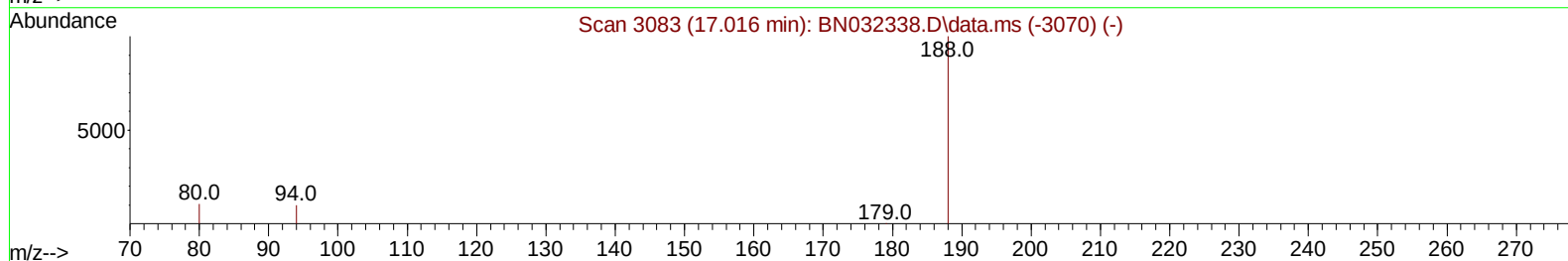
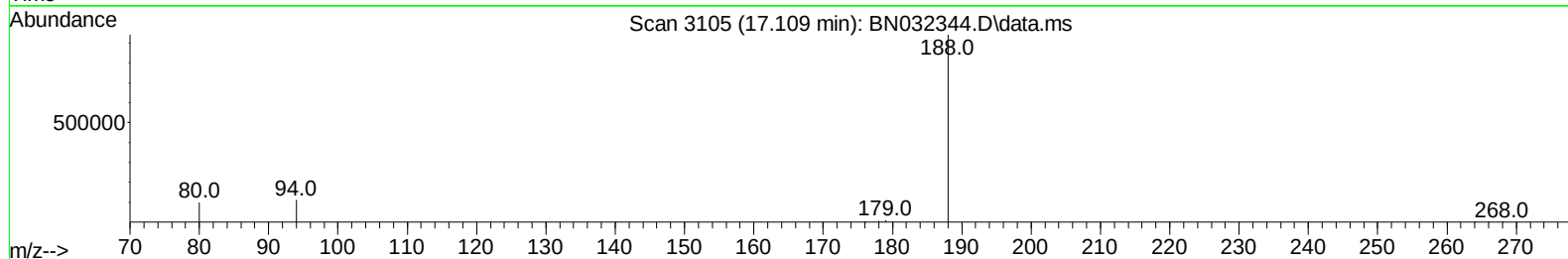
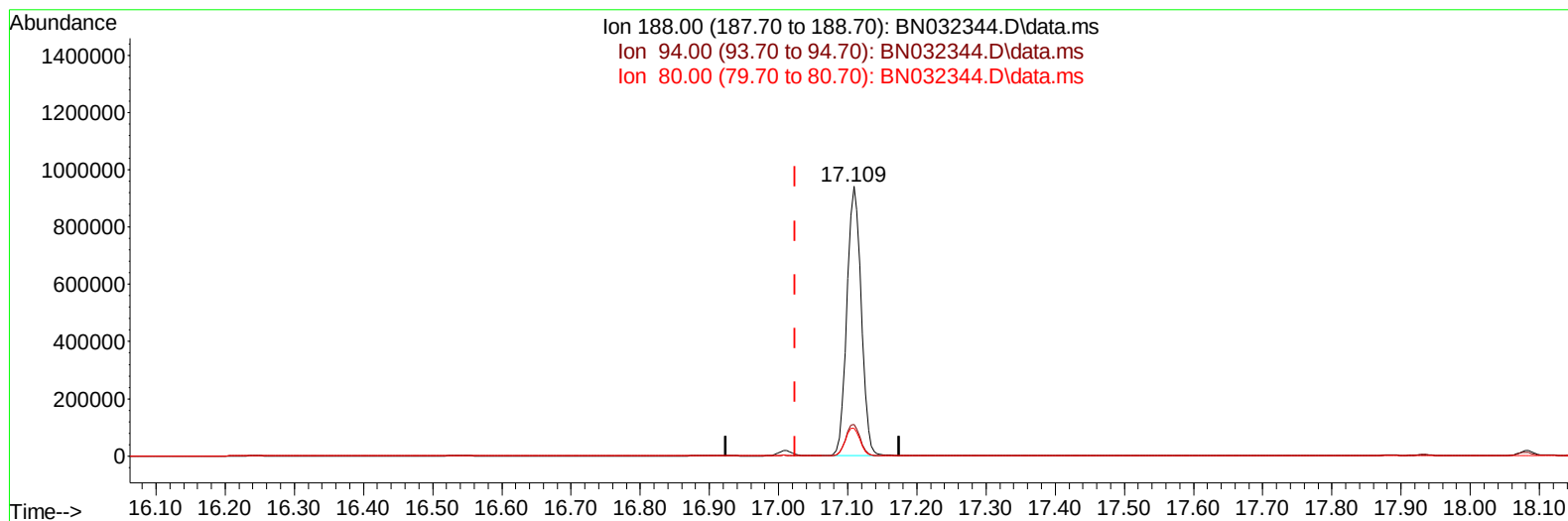
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1354969

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.81
80.00	10.50	10.38
0.00	0.00	0.00

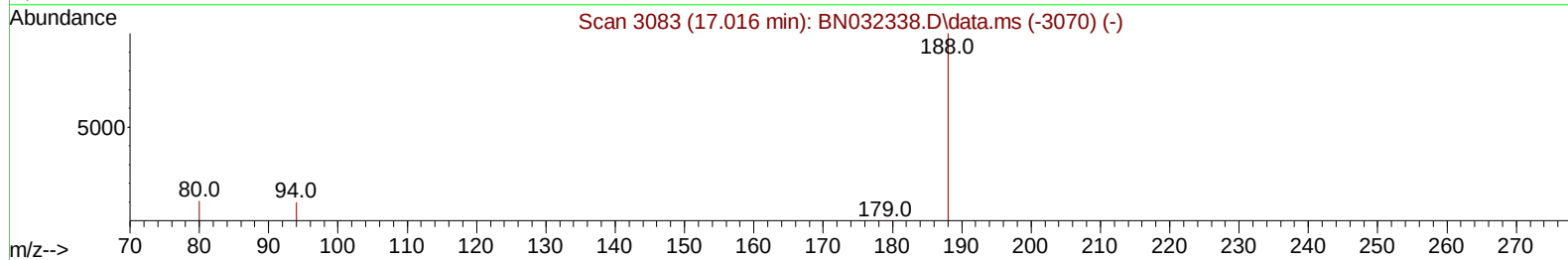
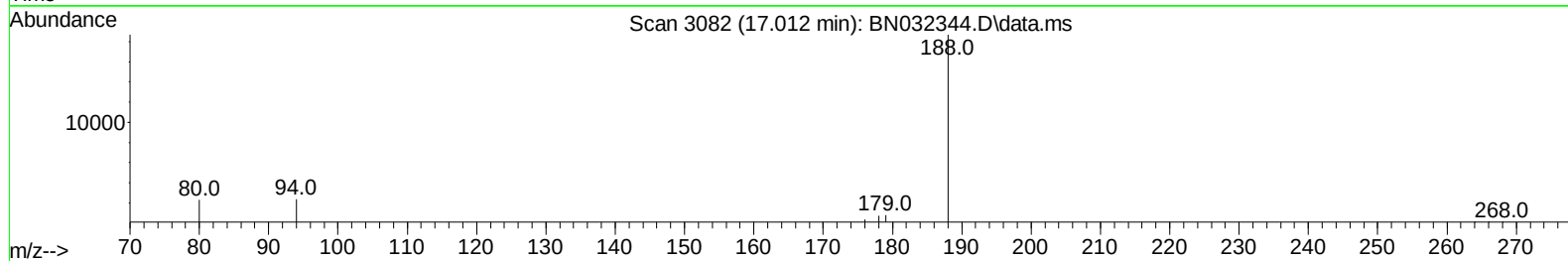
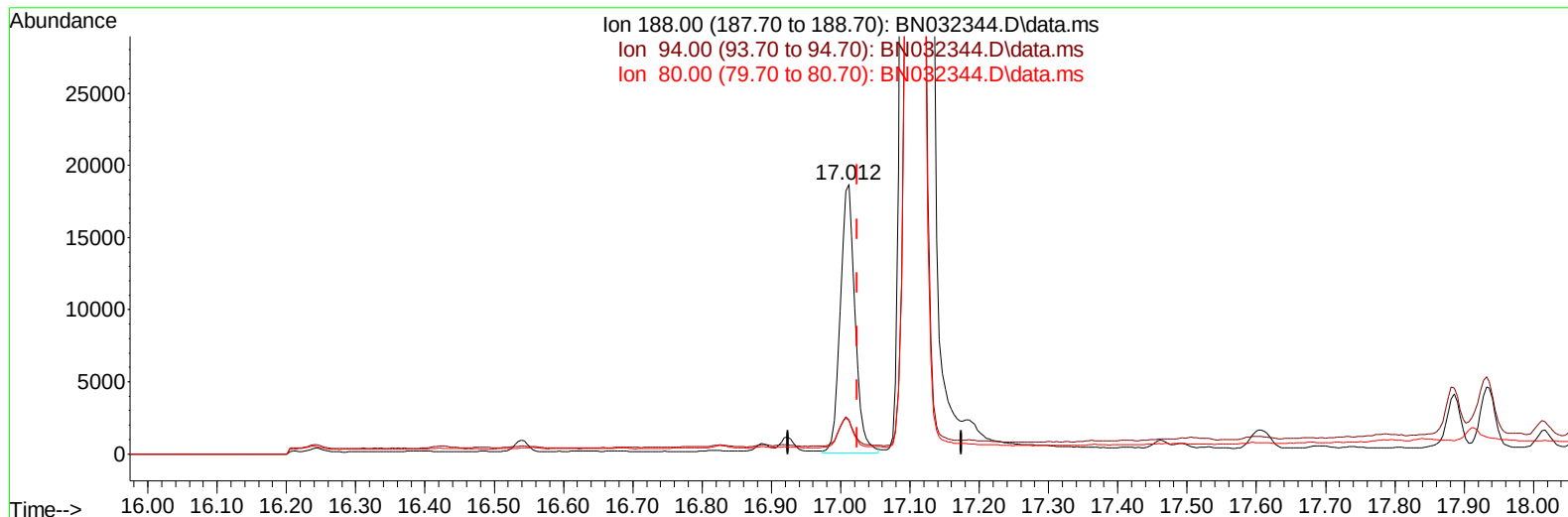
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/ul m

response 27488

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.65#
80.00	10.50	12.29
0.00	0.00	0.00

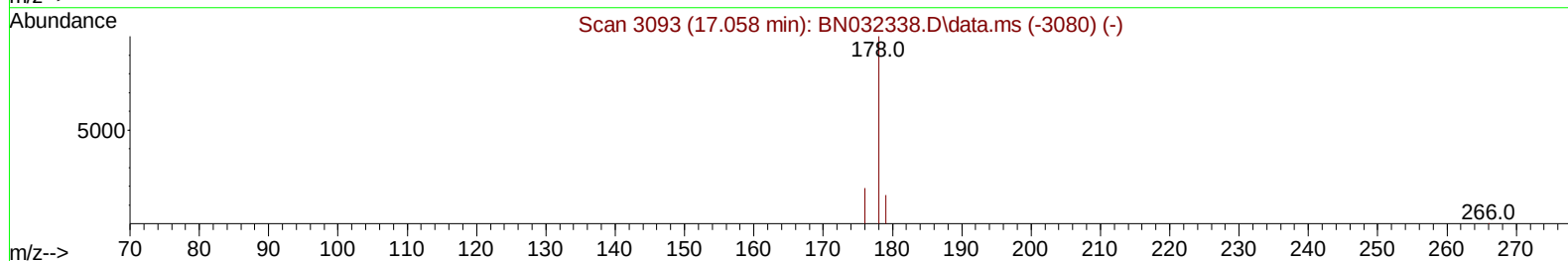
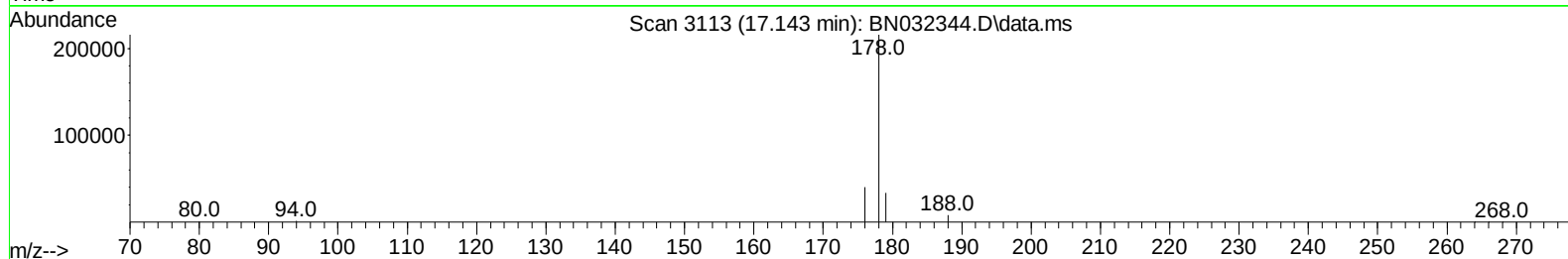
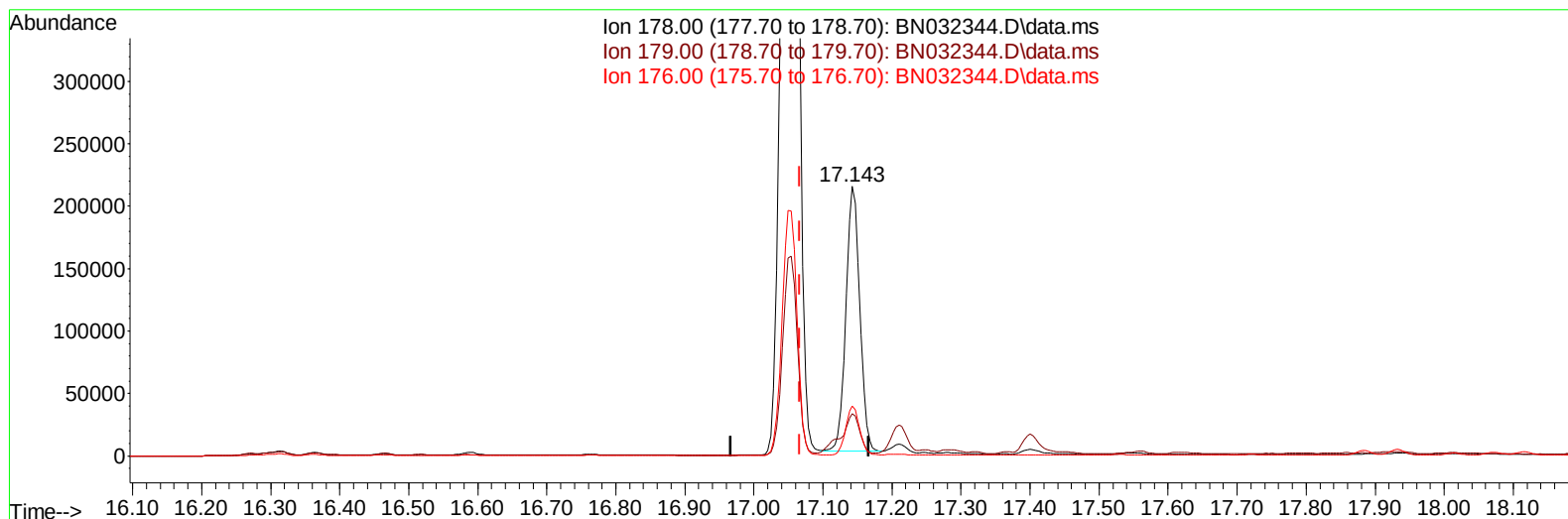
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 3.95 ng/u1

response 297659

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.77
176.00	19.50	18.61
0.00	0.00	0.00

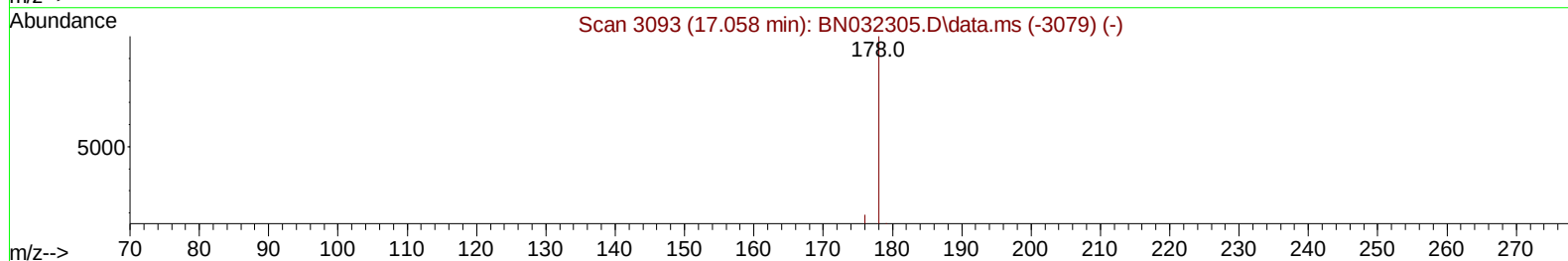
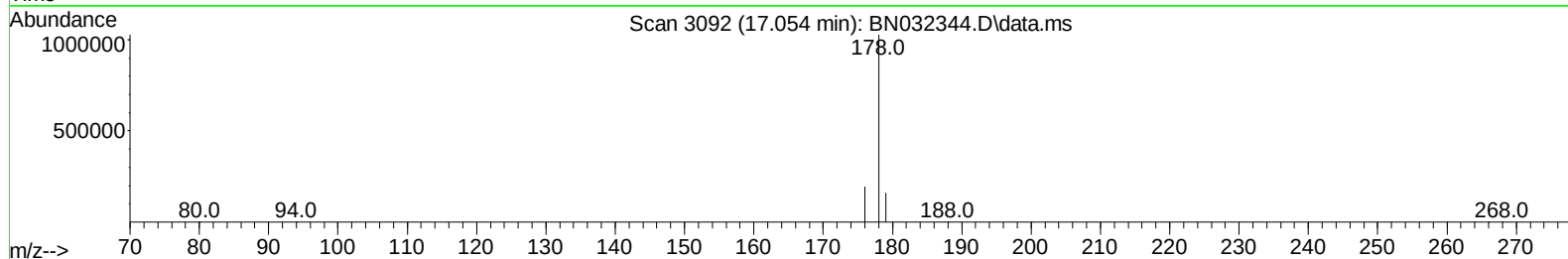
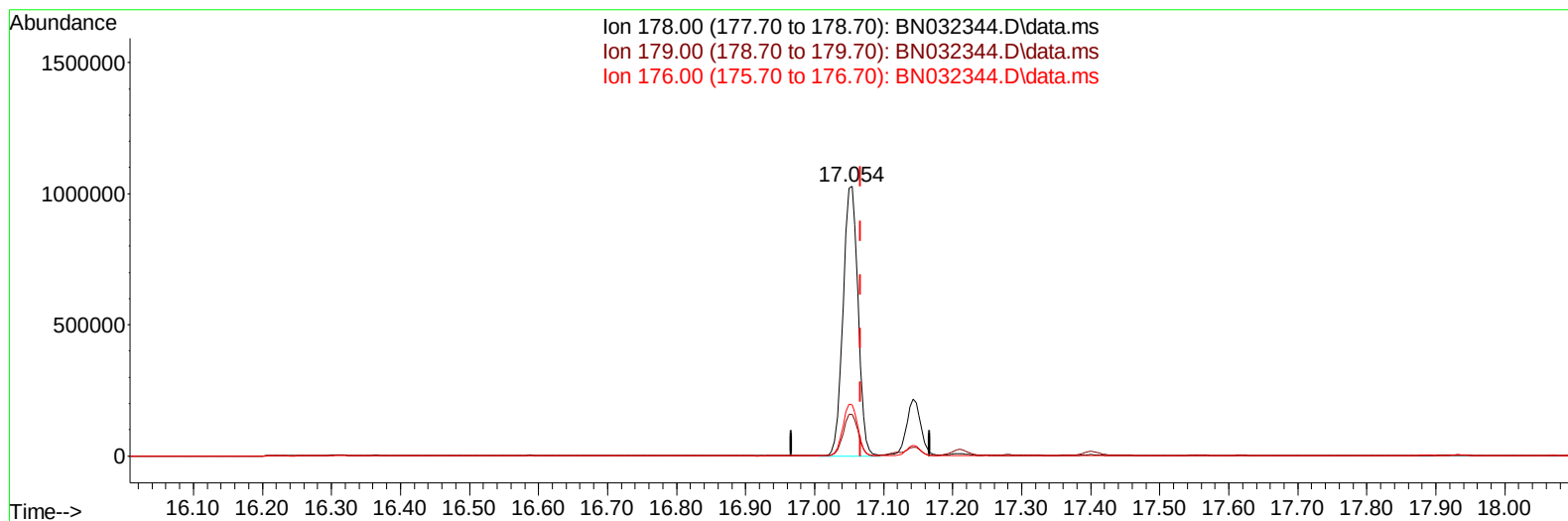
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 20.58 ng/ul m

response 1551020

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.57
176.00	19.50	19.11
0.00	0.00	0.00

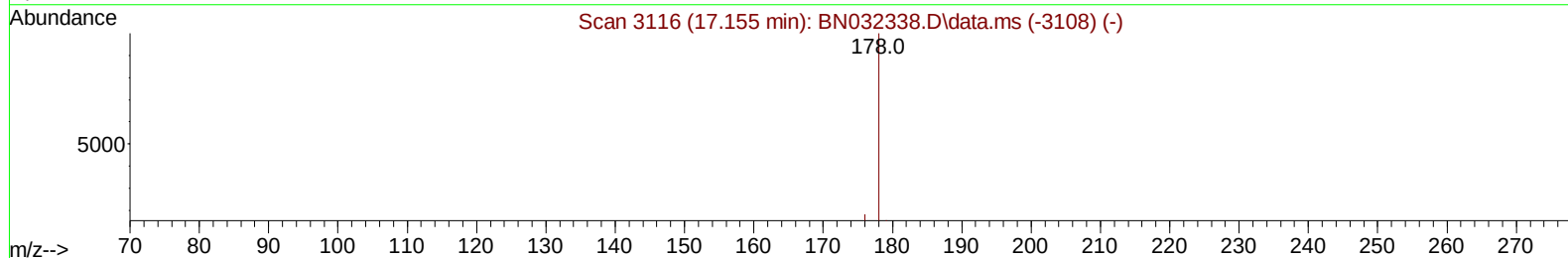
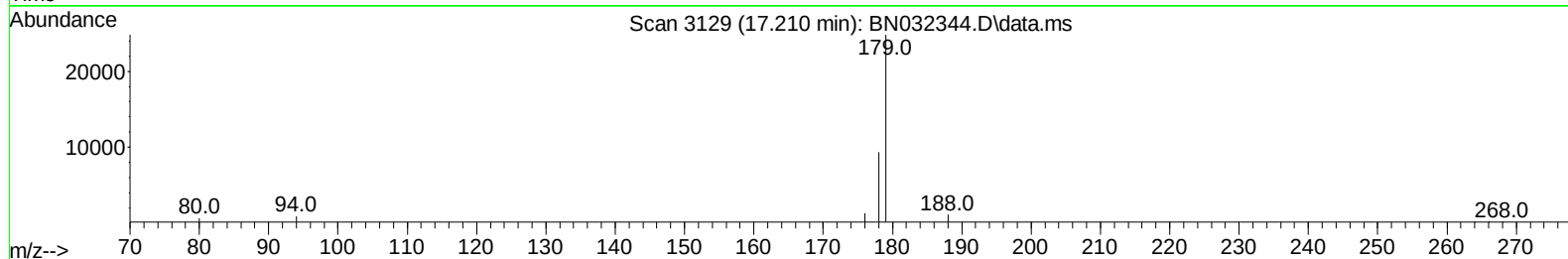
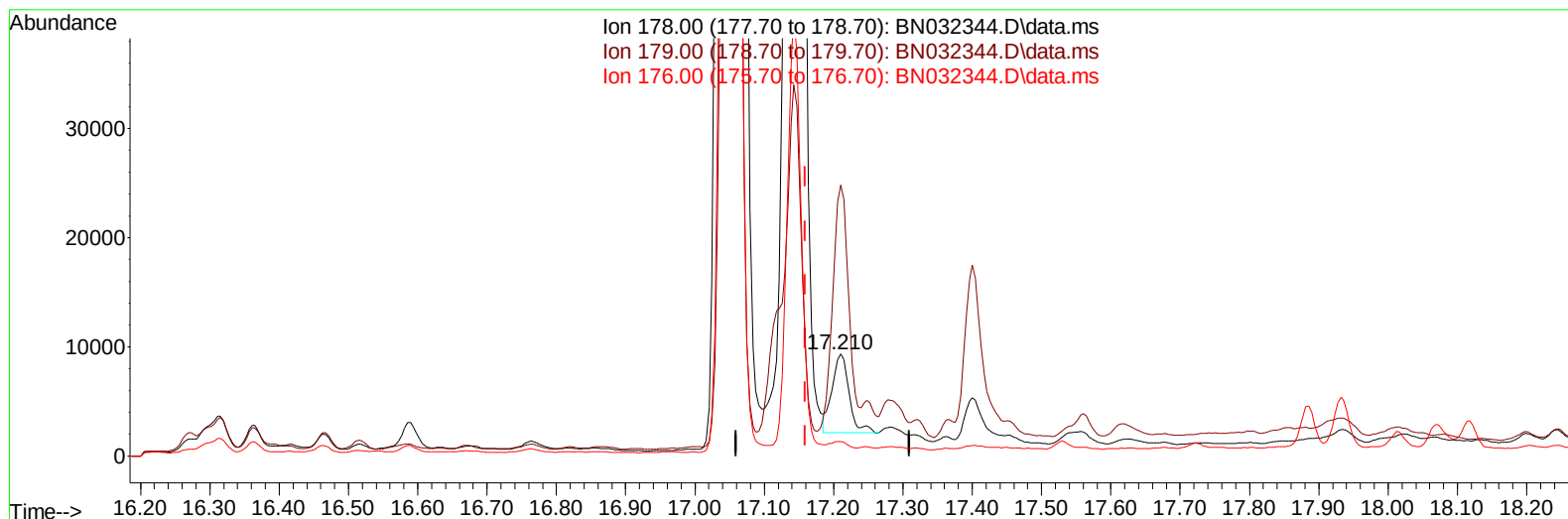
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(16) Anthracene

17.210min (+ 0.051) 0.18 ng/u1

response 12381

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	264.85#
176.00	18.80	14.16#
0.00	0.00	0.00

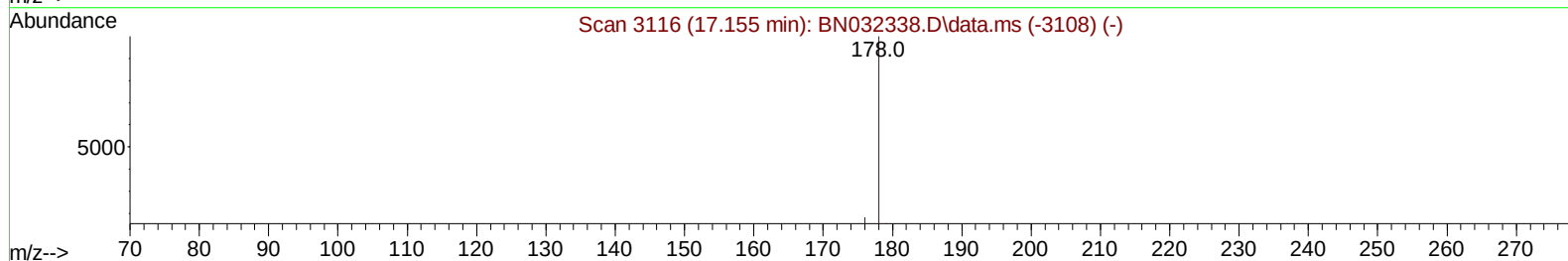
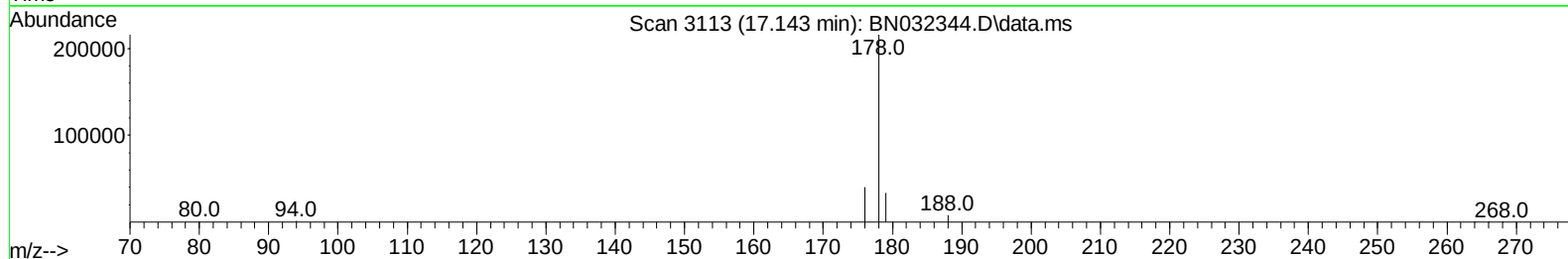
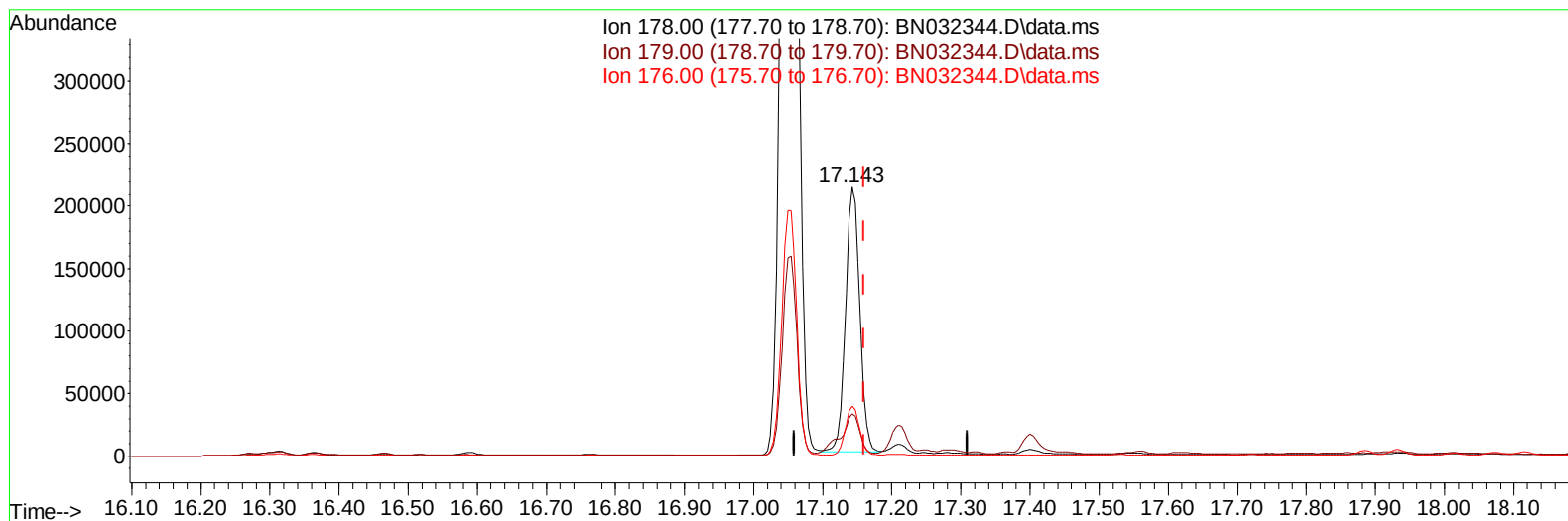
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(16) Anthracene

17.143min (-0.017) 4.46 ng/ul m

response 299958

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.77
176.00	18.80	18.61
0.00	0.00	0.00

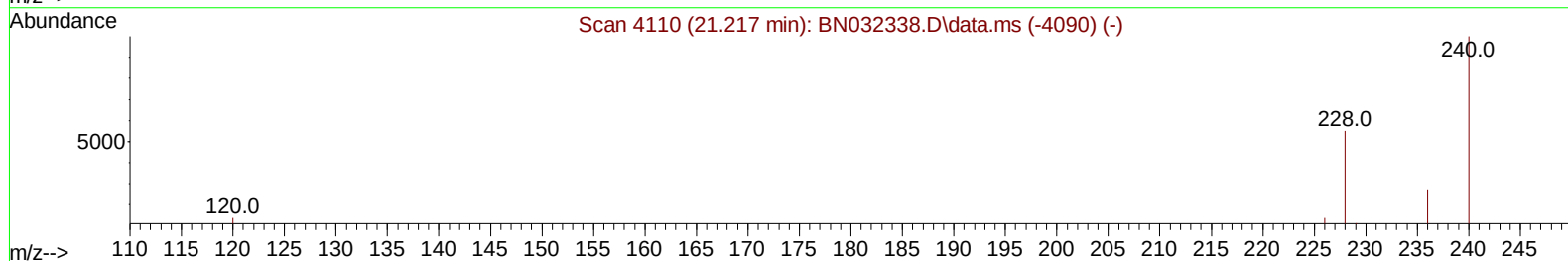
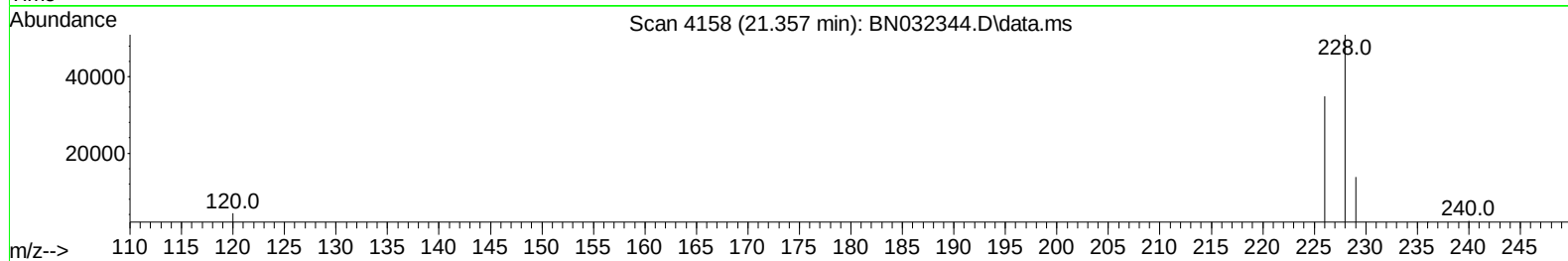
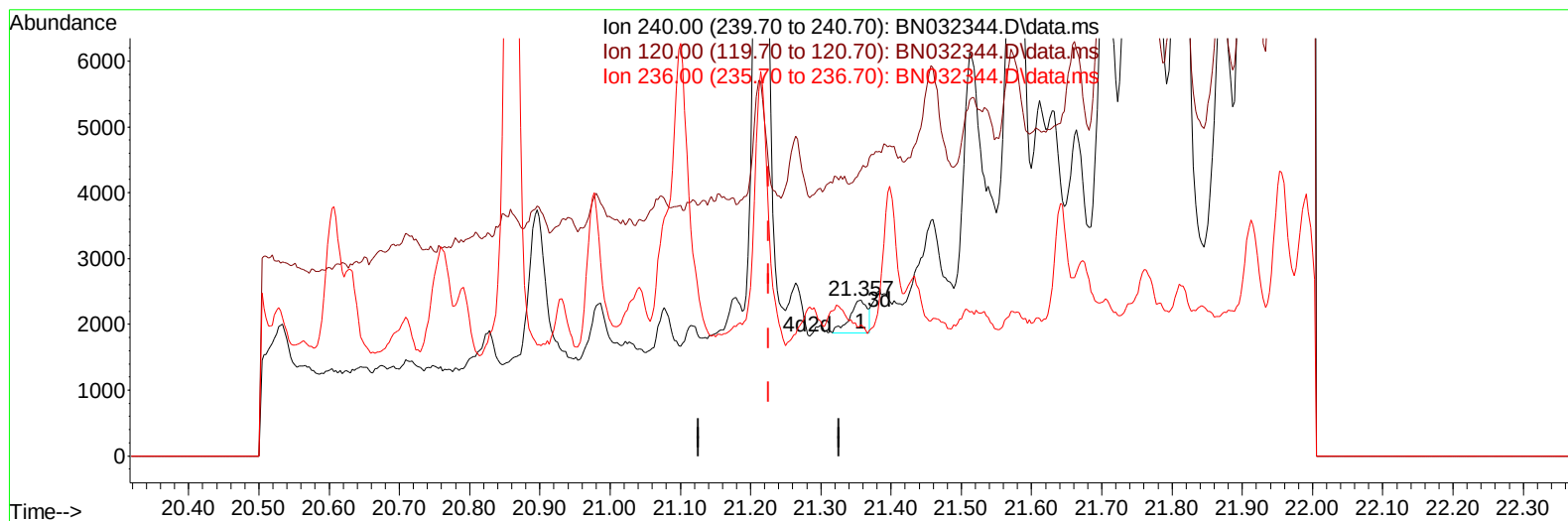
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(17) Chrysene-d12

21.357min (+ 0.131) 0.40 ng/u1

response 888

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	183.71#
236.00	28.40	84.00#
0.00	0.00	0.00

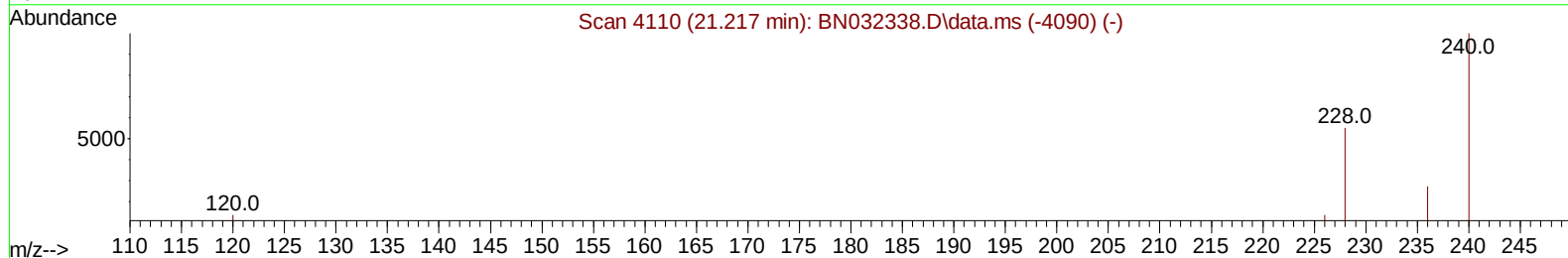
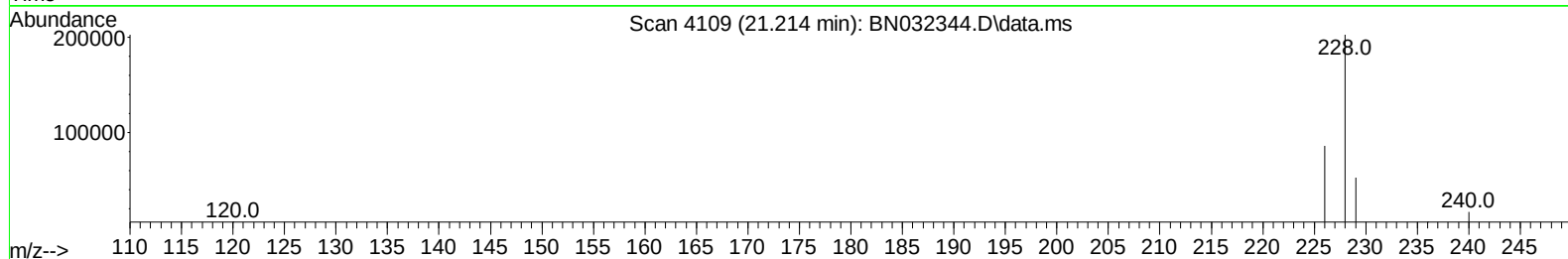
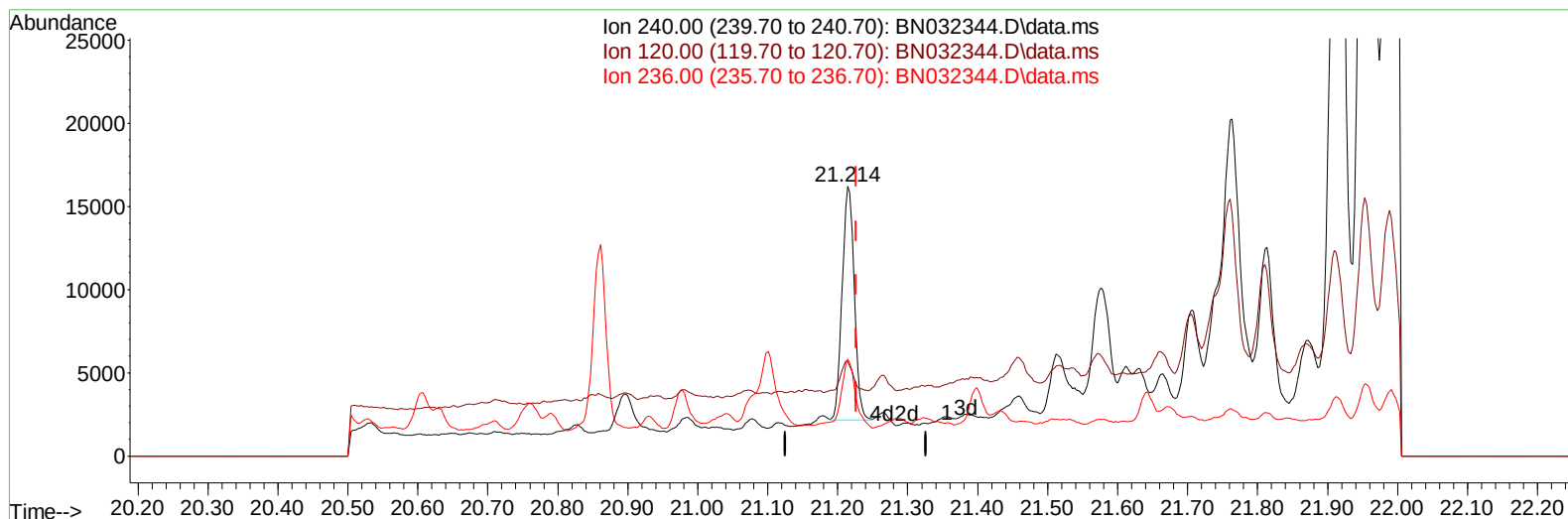
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/ul m

response 16825

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	35.14#
236.00	28.40	36.08#
0.00	0.00	0.00

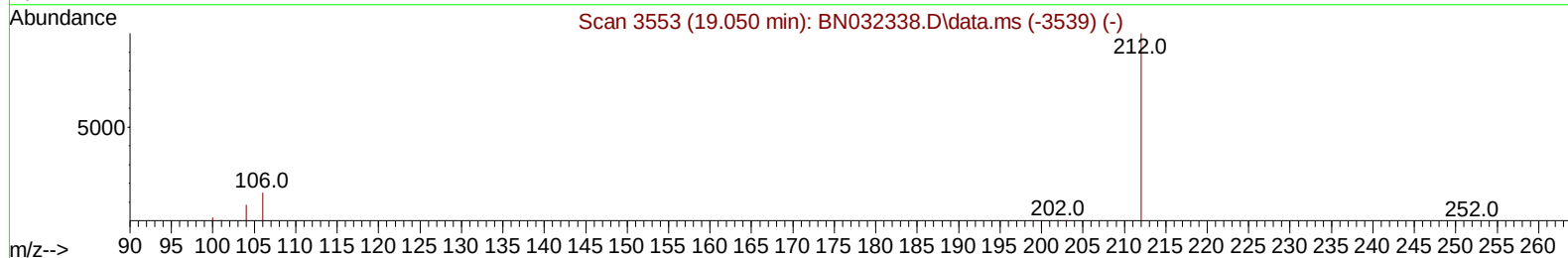
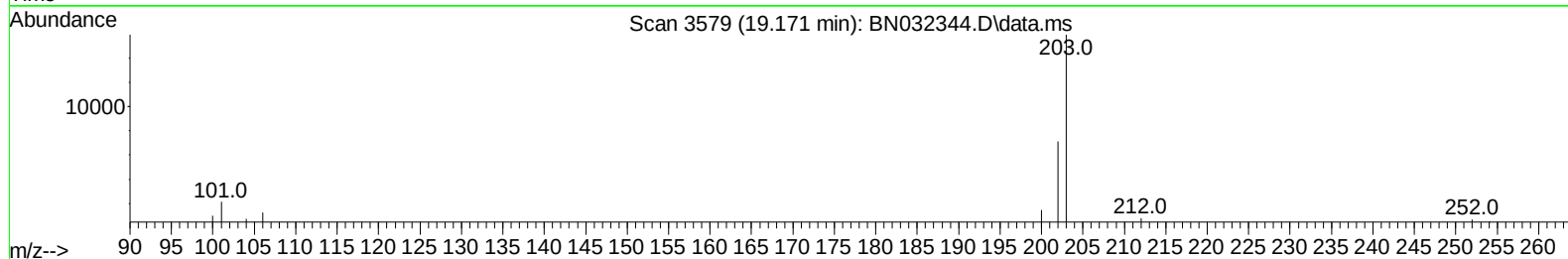
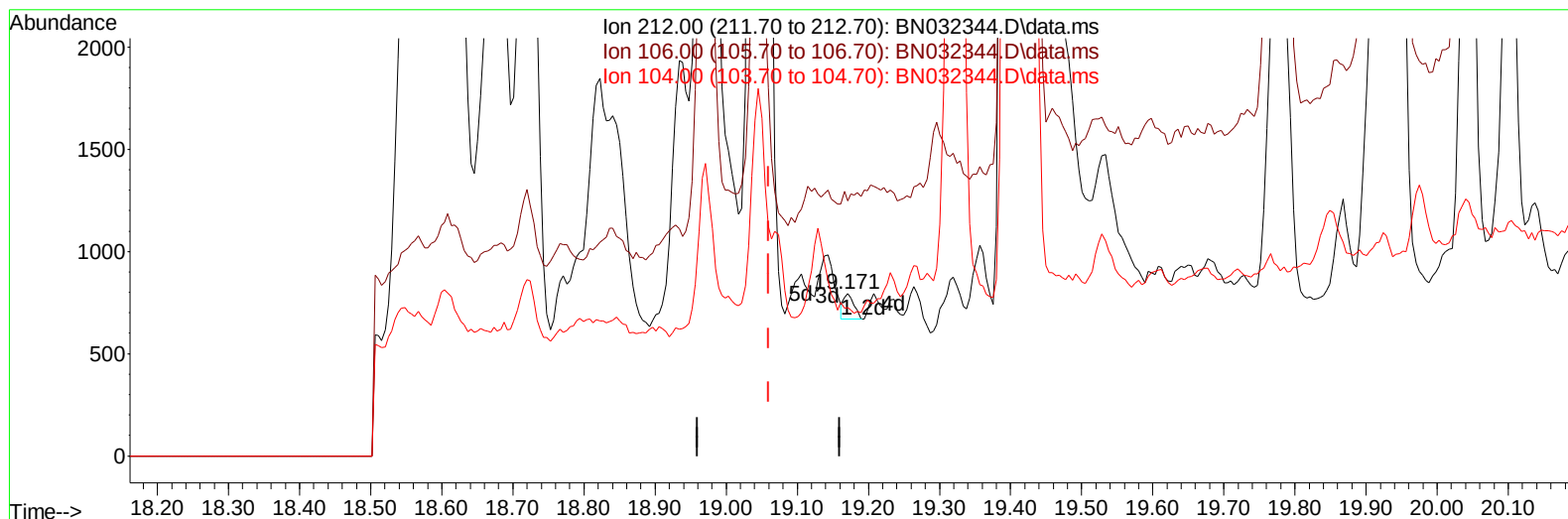
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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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TIC: BN032344.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.171min (+ 0.111) 0.00 ng/u1

response 124

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

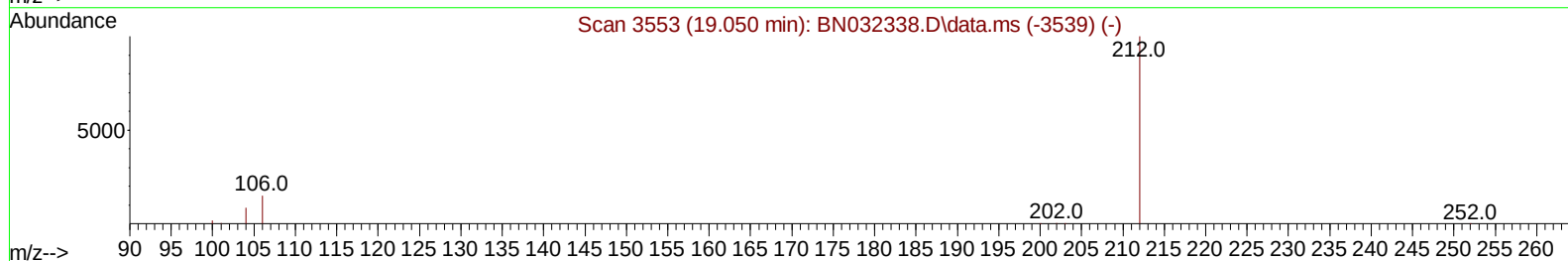
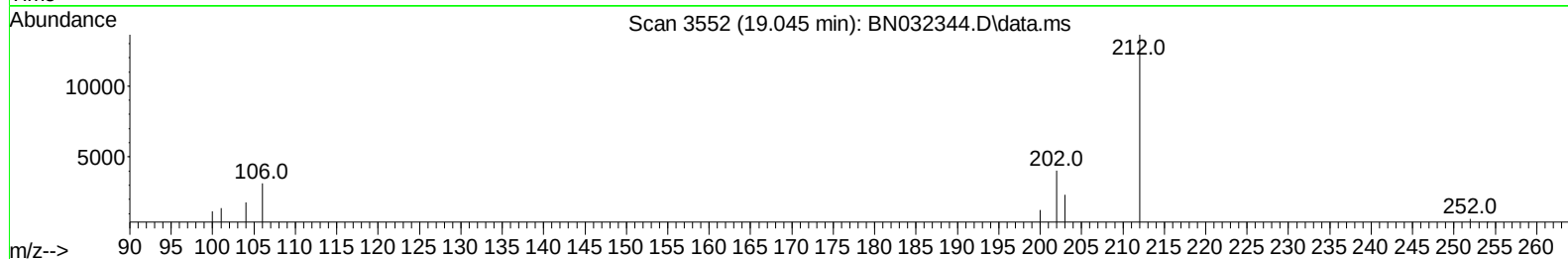
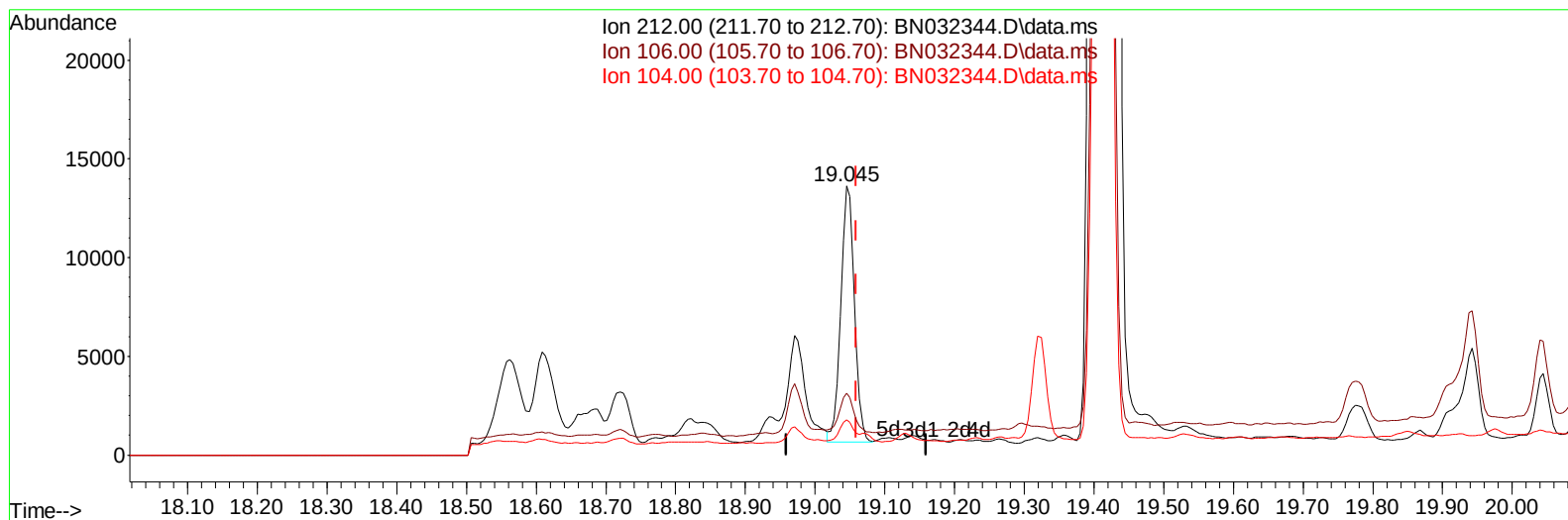
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.35 ng/ul m

response 17796

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

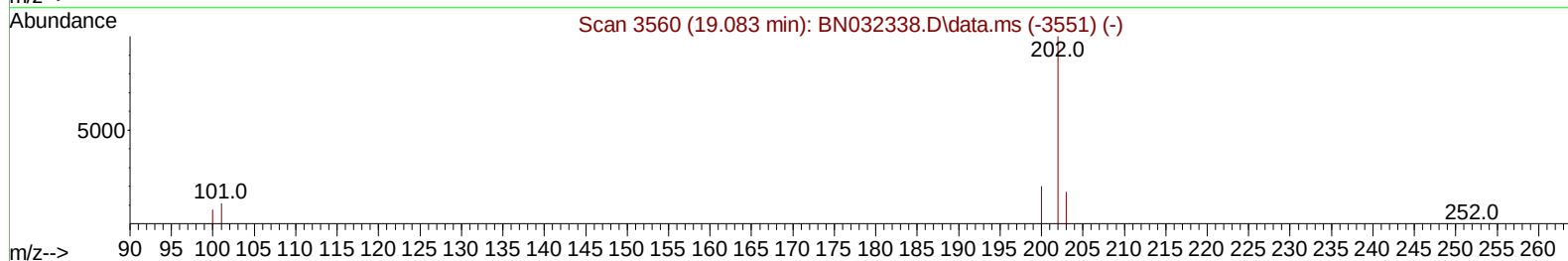
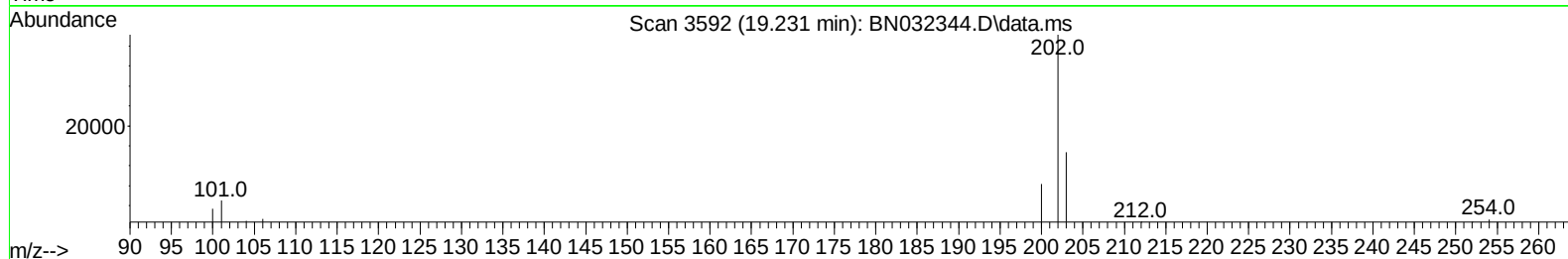
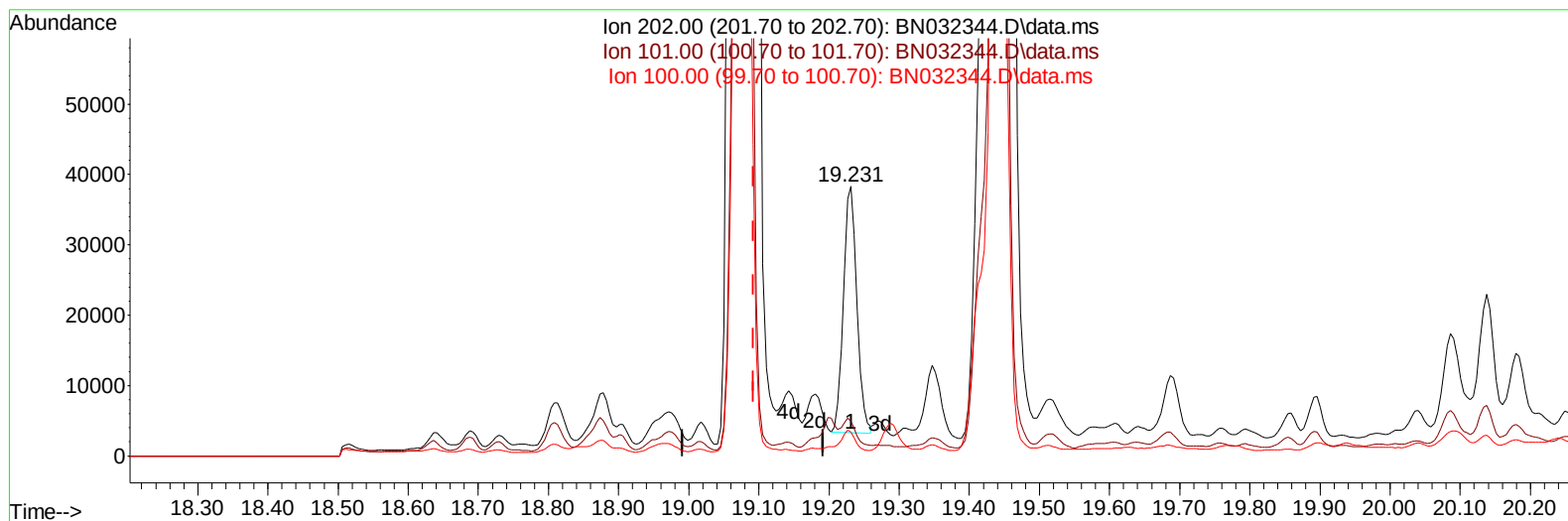
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 2024
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TIC: BN032344.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.73 ng/u1

response 46817

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.99
100.00	8.00	8.77
0.00	0.00	0.00

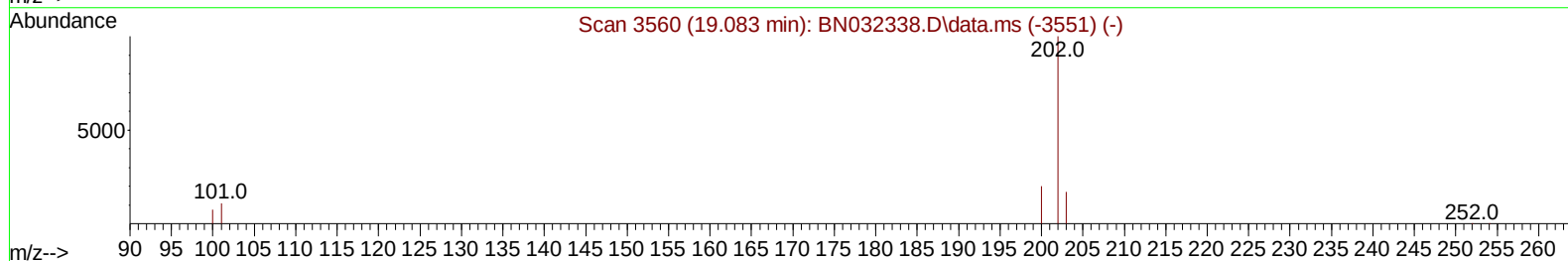
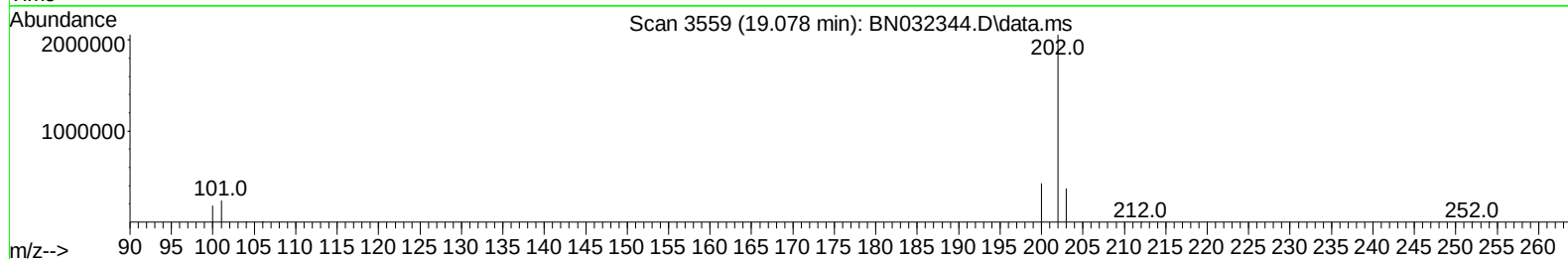
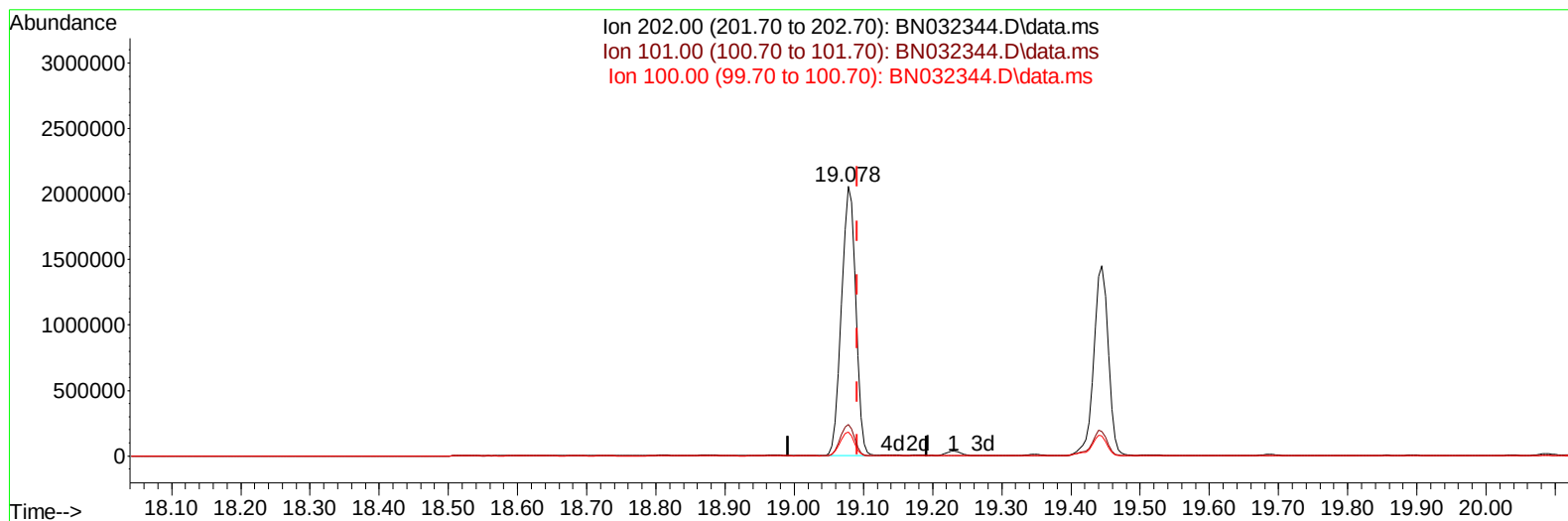
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 45.55 ng/ul m

response 2918119

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.66
100.00	8.00	8.77
0.00	0.00	0.00

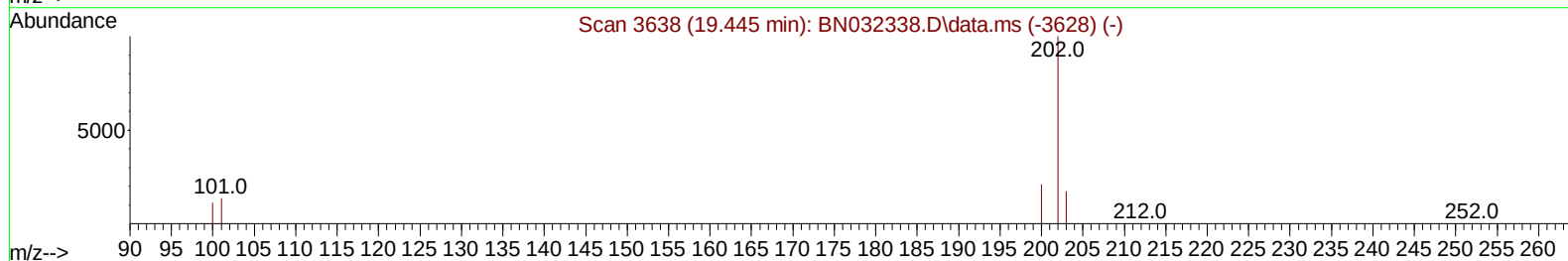
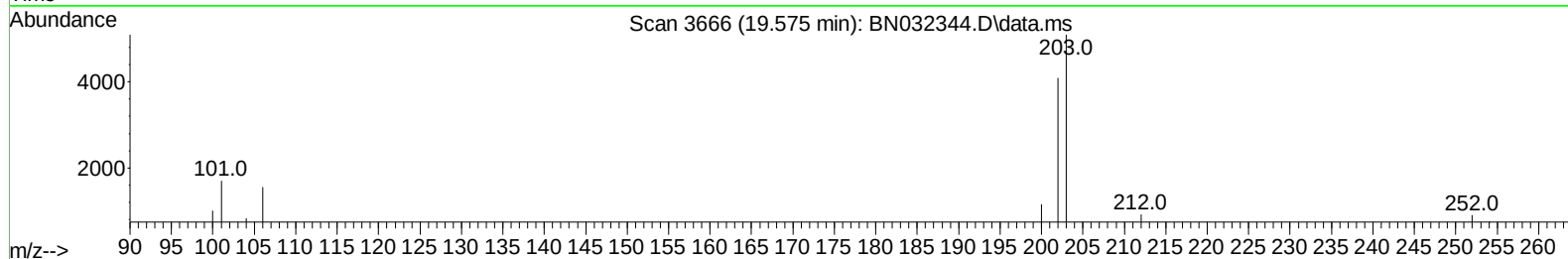
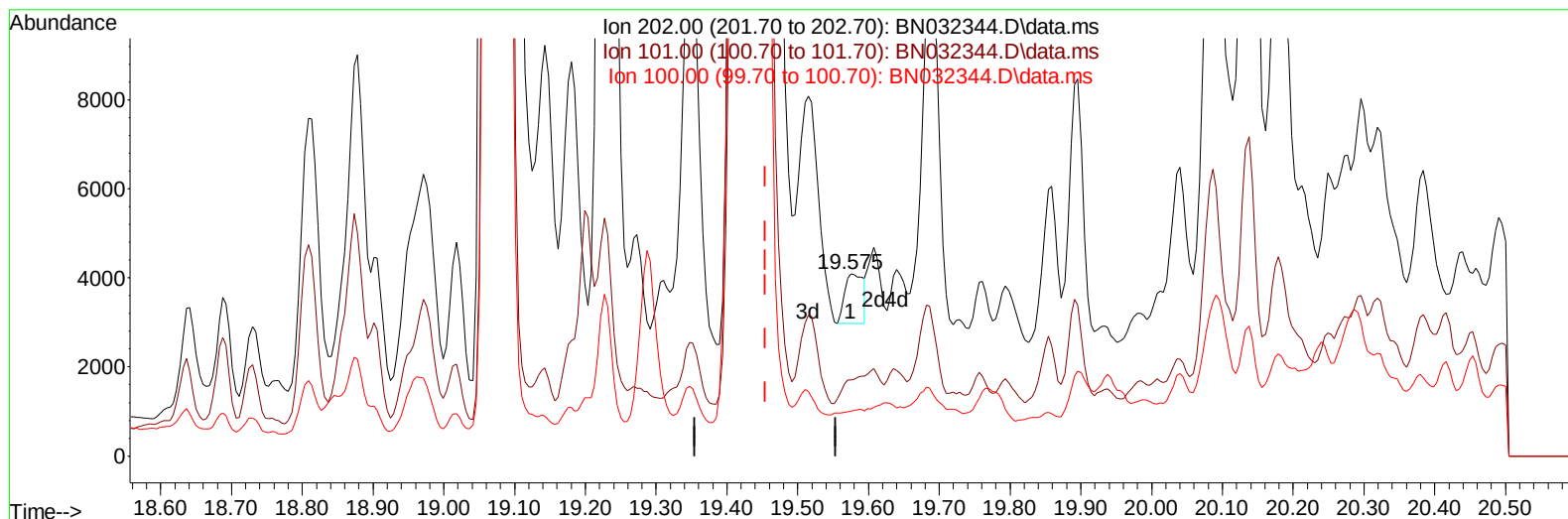
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032344.D\data.ms

(20) Pyrene

19.575min (+ 0.121) 0.03 ng/u1

response 2022

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	41.82#
100.00	10.90	24.64#
0.00	0.00	0.00

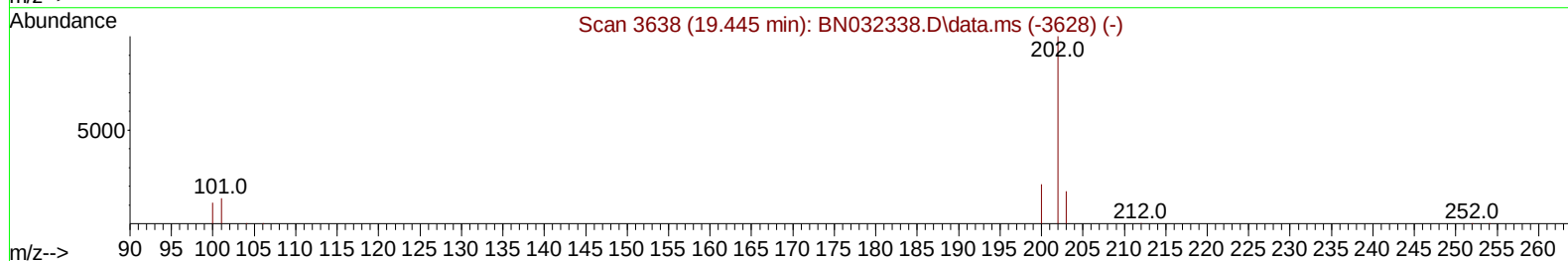
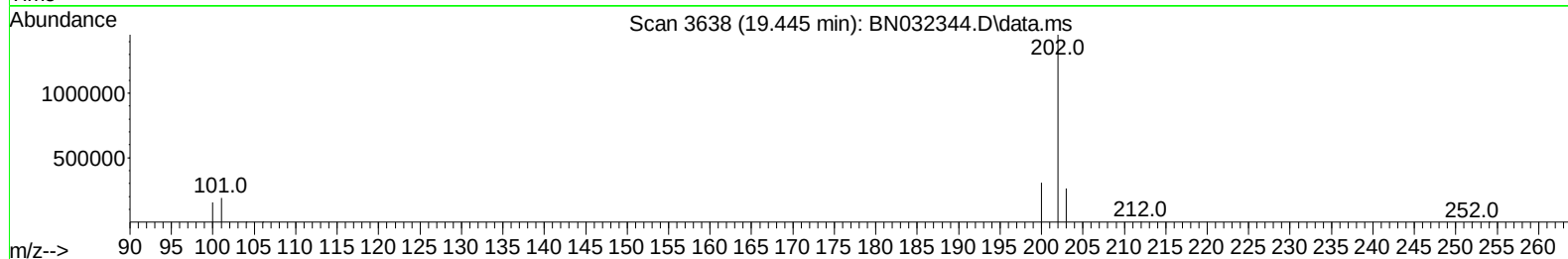
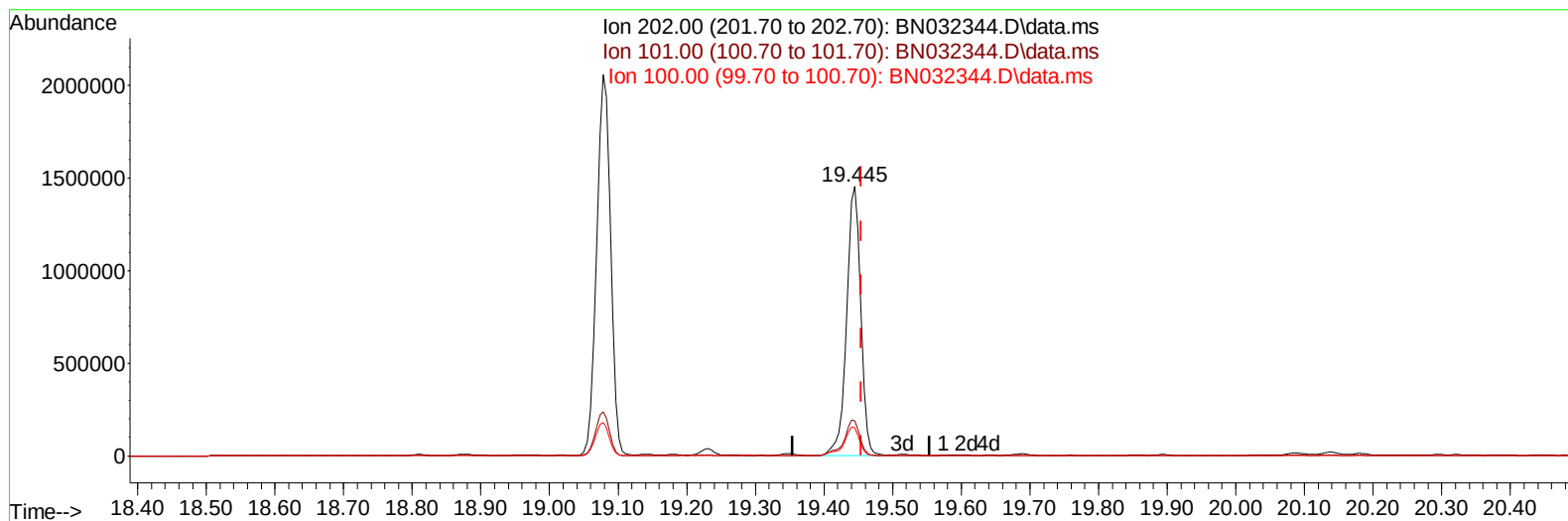
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(20) Pyrene

19.445min (-0.009) 31.10 ng/ul m

response 2082116

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.05
100.00	10.90	10.46
0.00	0.00	0.00

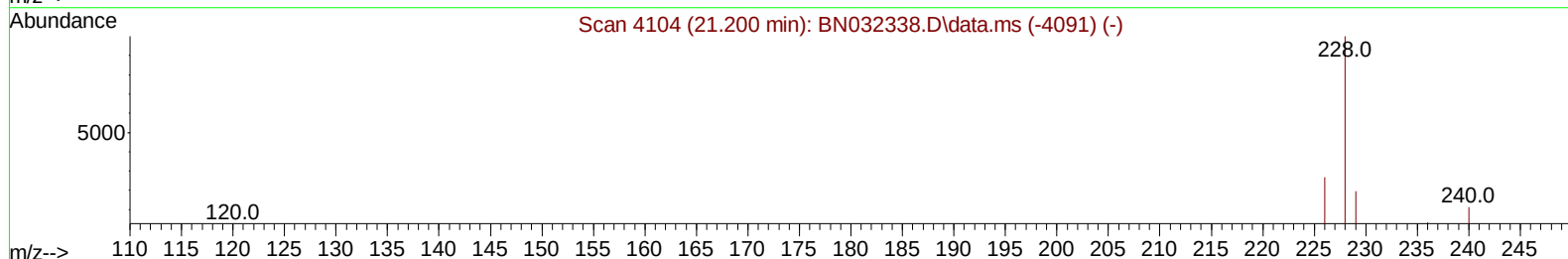
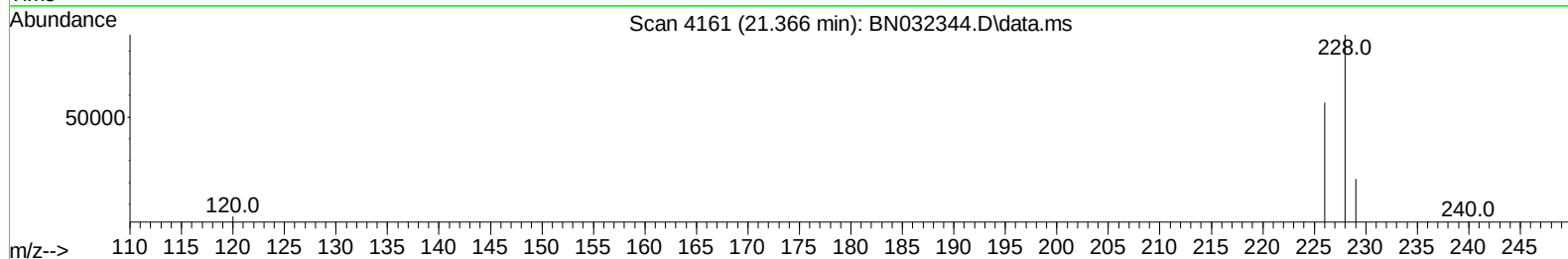
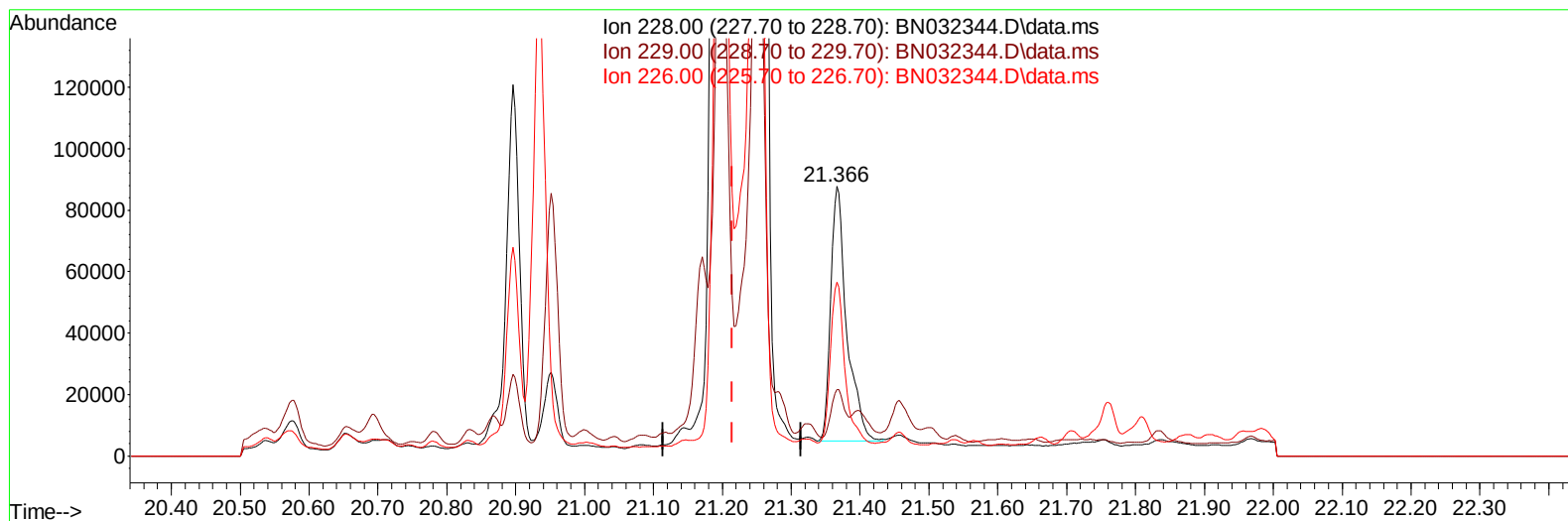
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(21) Benzo(a)anthracene

21.366min (+ 0.152) 2.21 ng/u1

response 134037

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.62#
226.00	27.30	64.57#
0.00	0.00	0.00

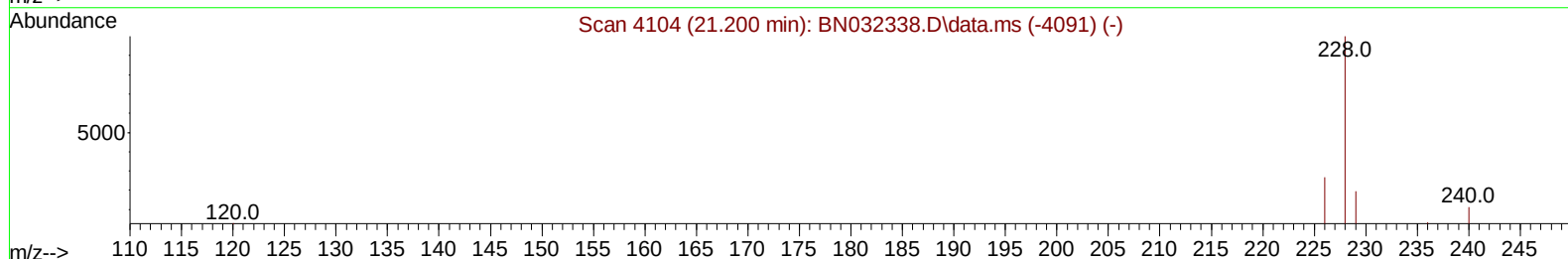
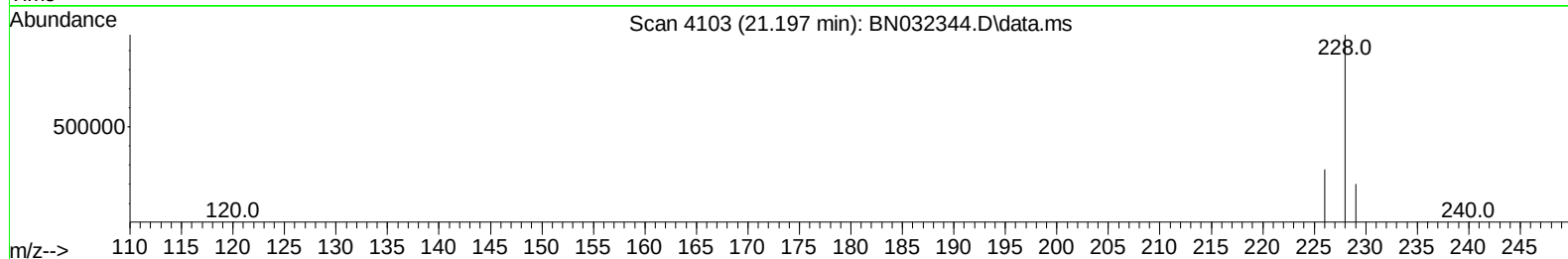
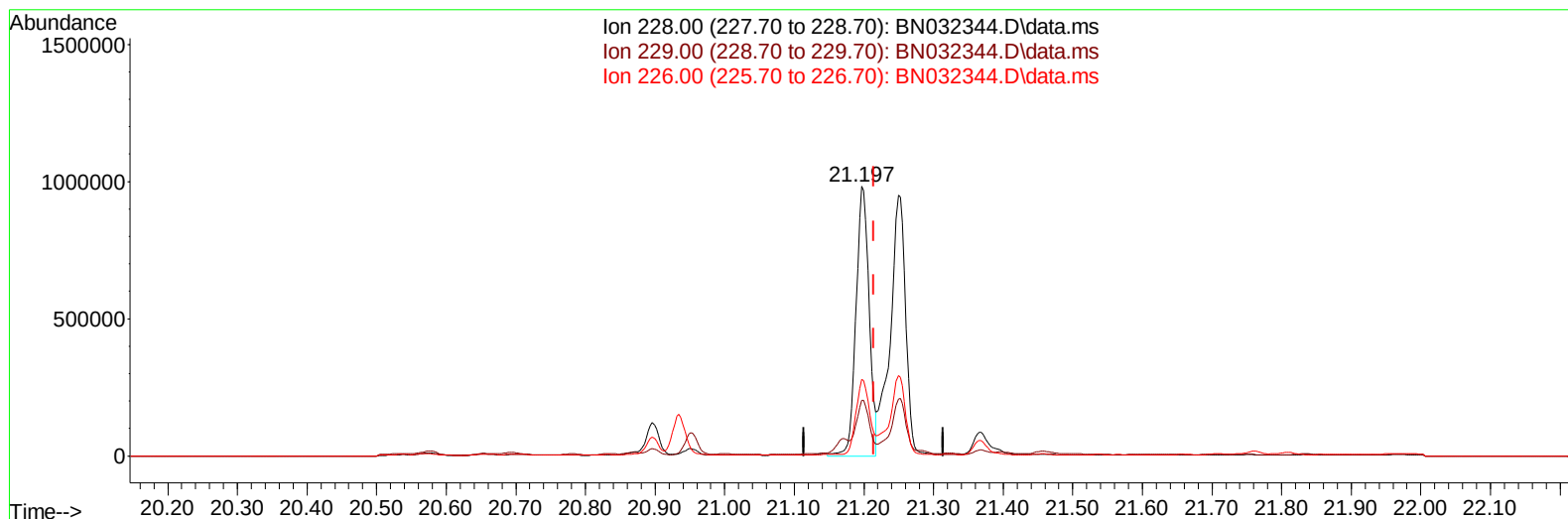
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 21.33 ng/ul m

response 1295236

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.62
226.00	27.30	28.41
0.00	0.00	0.00

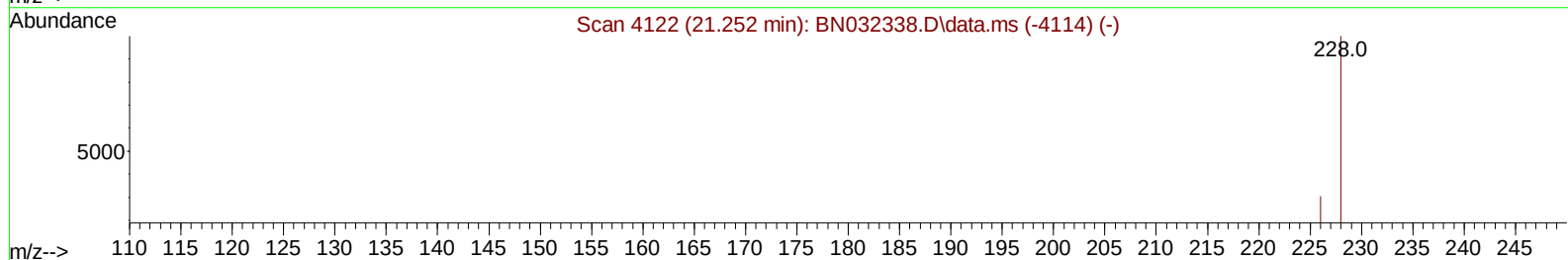
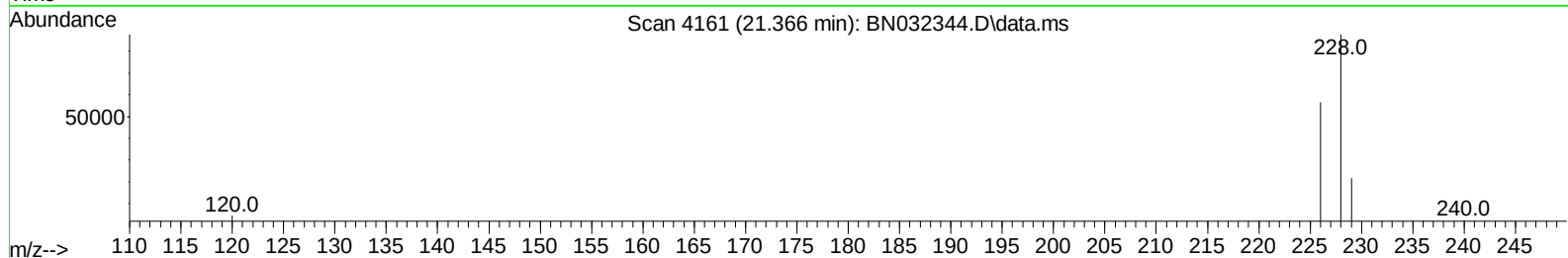
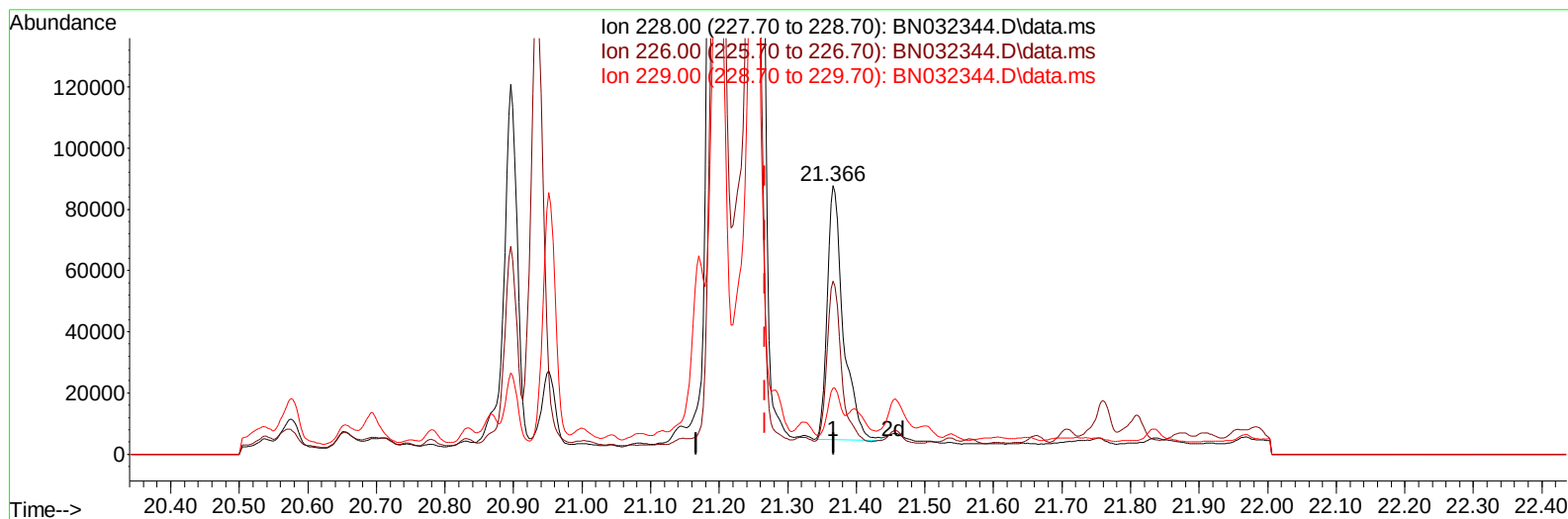
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(22) Chrysene

21.366min (+ 0.099) 2.03 ng/u1

response 135171

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	64.57#
229.00	19.60	24.62#
0.00	0.00	0.00

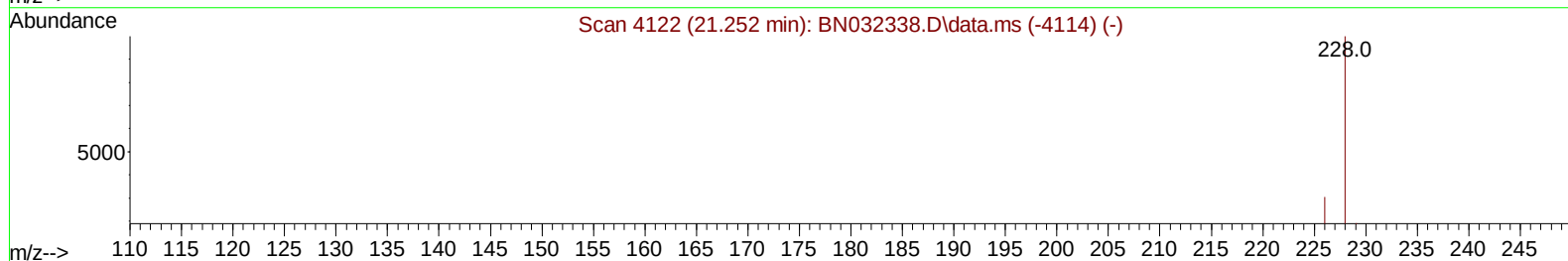
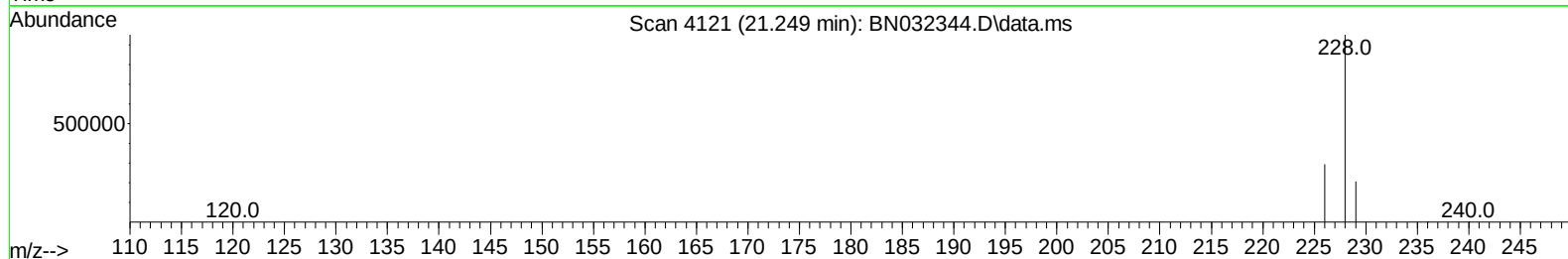
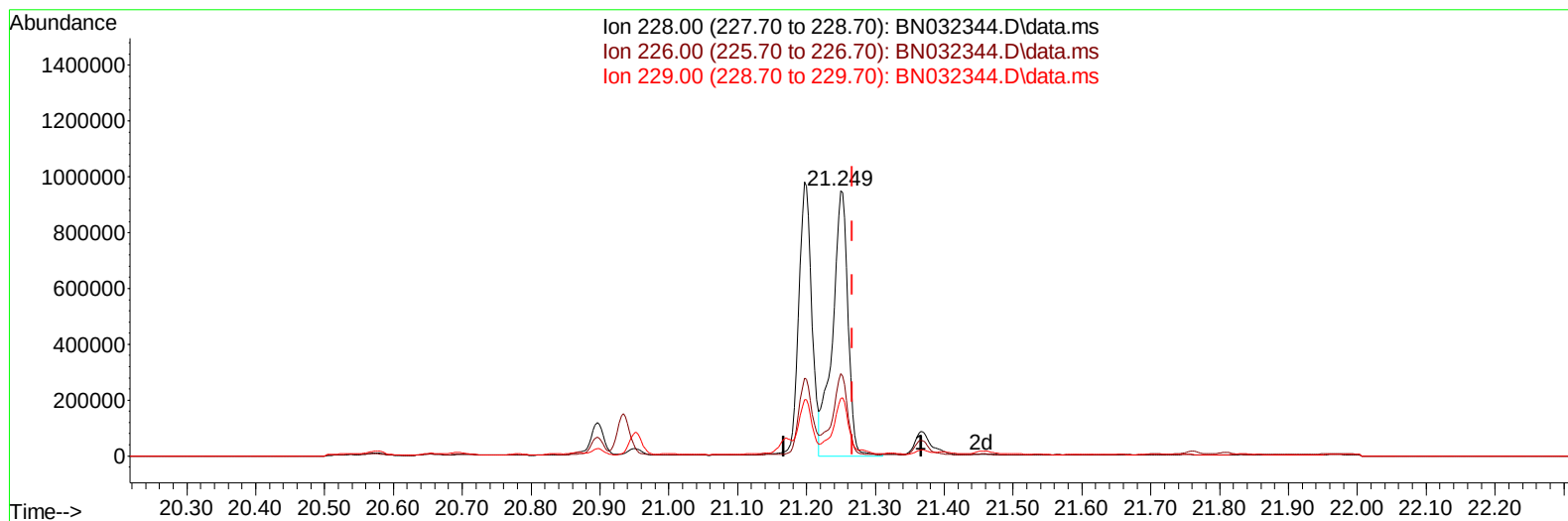
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(22) Chrysene

21.249min (-0.018) 22.35 ng/ul m

response 1489823

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.93
229.00	19.60	21.70
0.00	0.00	0.00

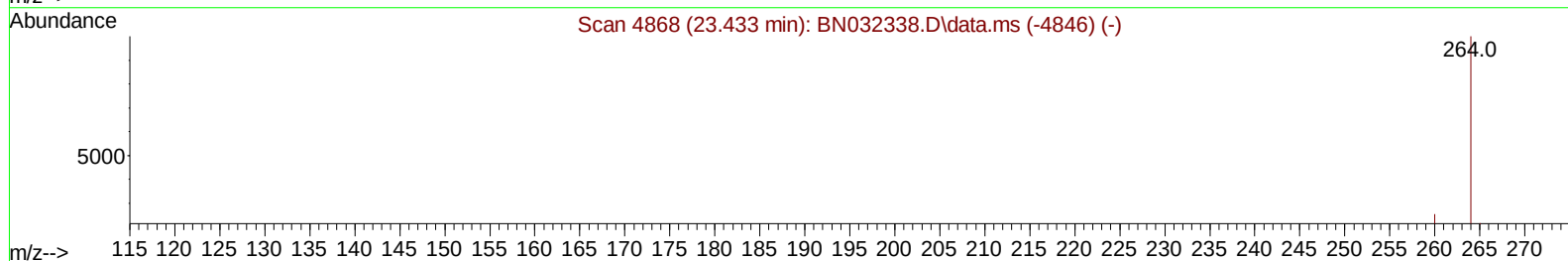
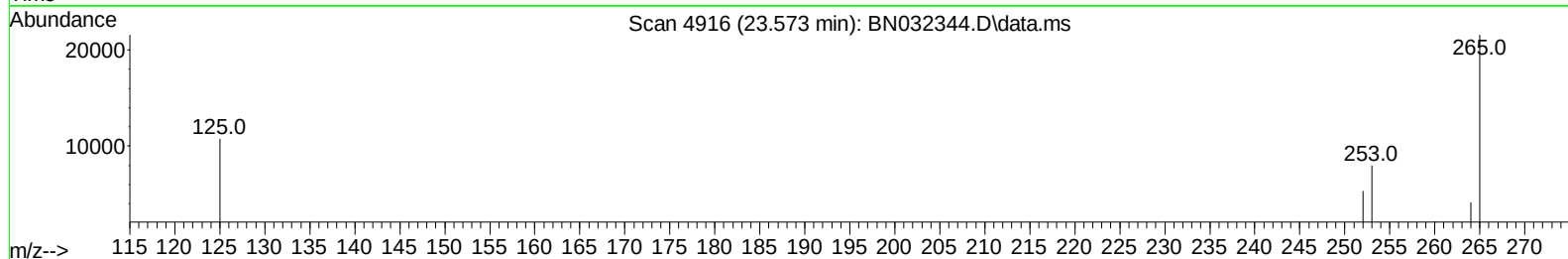
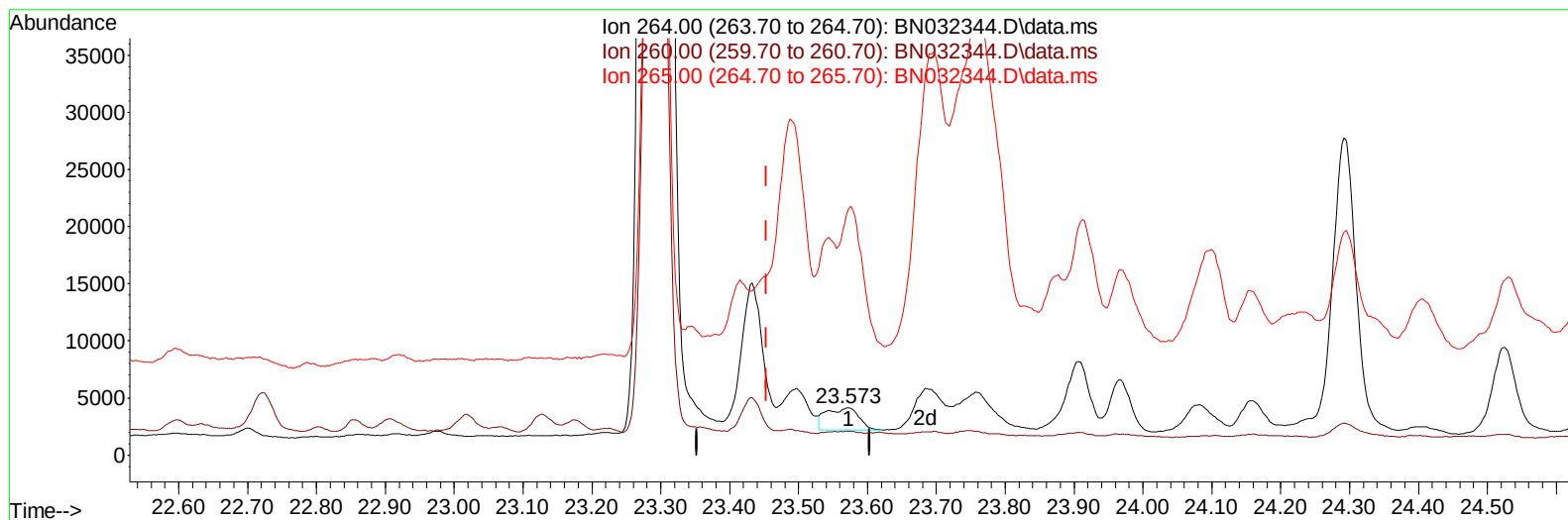
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(23) Perylene-d12 (I)

23.573min (+ 0.120) 0.40 ng/ul

response 6350

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	50.47#
265.00	67.20	517.53#
0.00	0.00	0.00

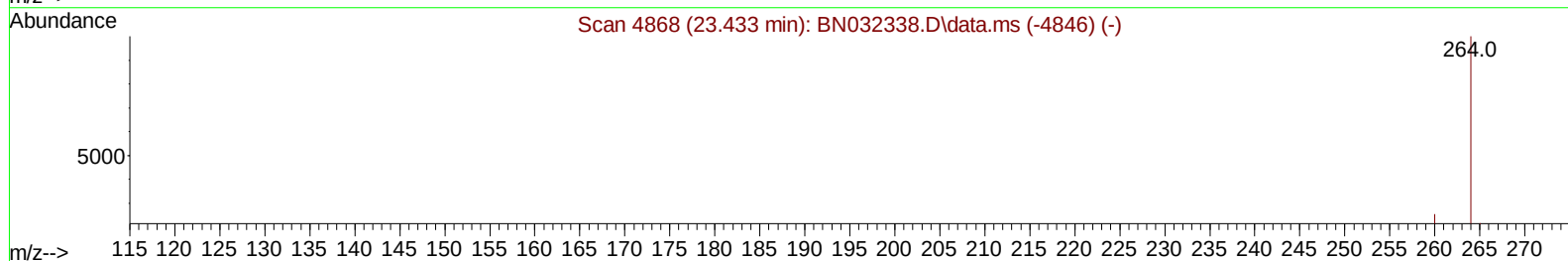
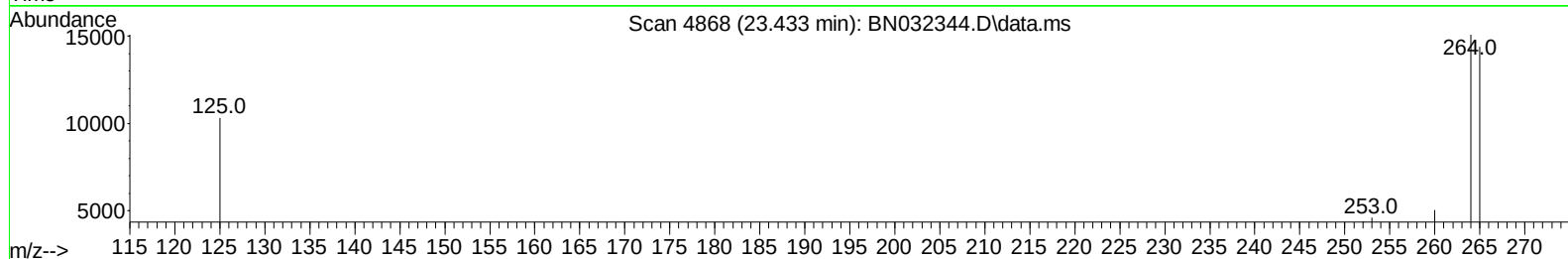
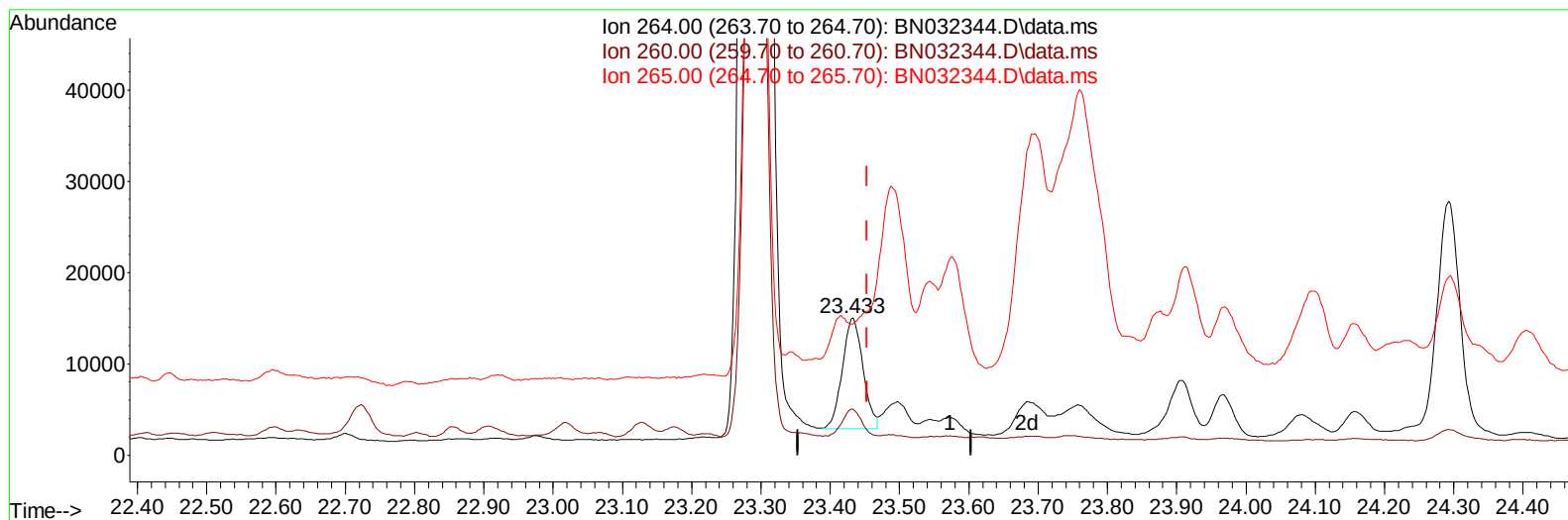
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.021) 0.40 ng/ul m

response 24999

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.45#
265.00	67.20	95.32#
0.00	0.00	0.00

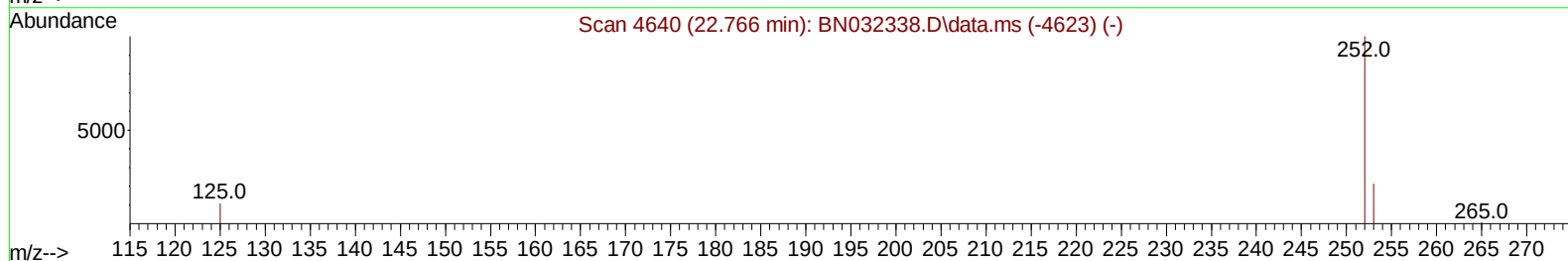
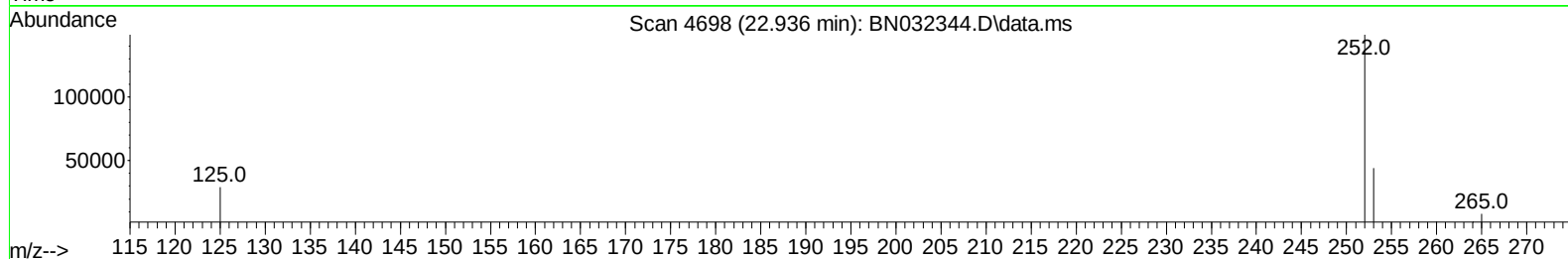
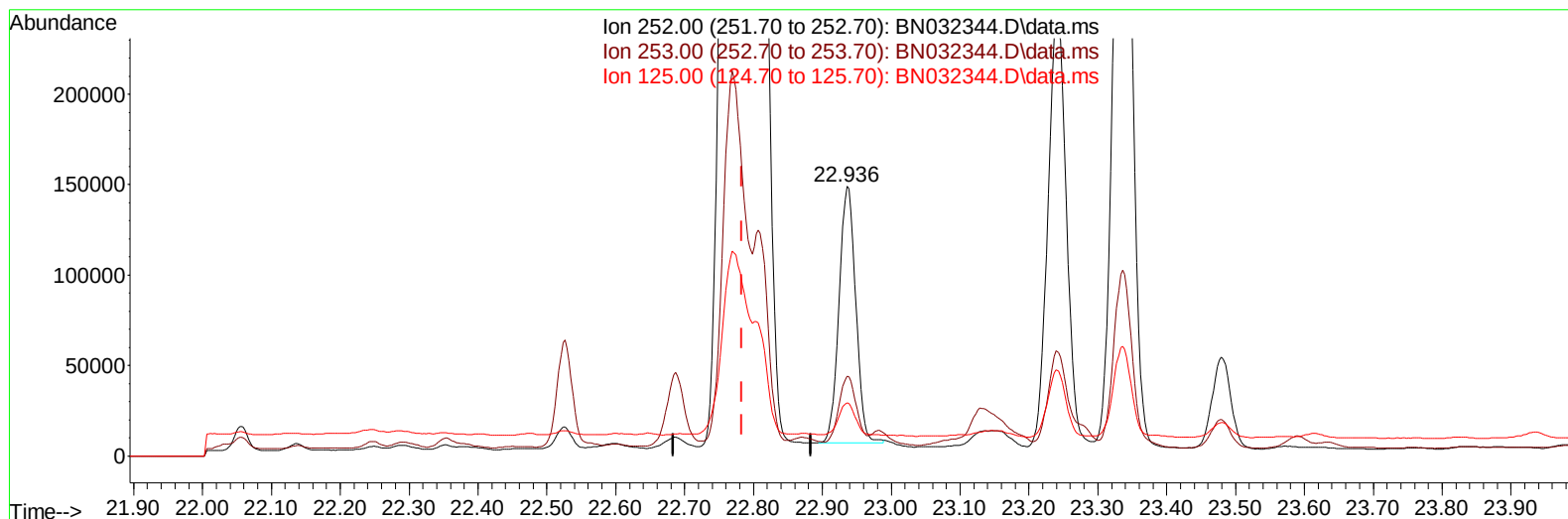
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 2.21 ng/u1

response 240458

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.70
125.00	16.00	19.79
0.00	0.00	0.00

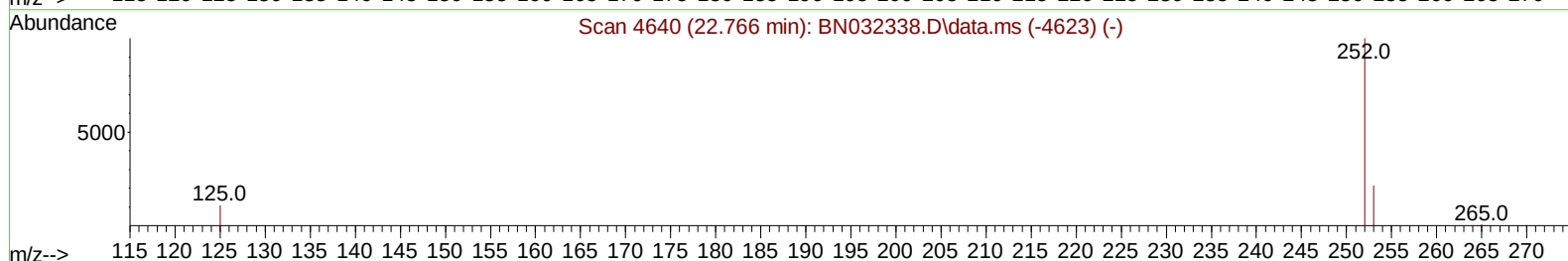
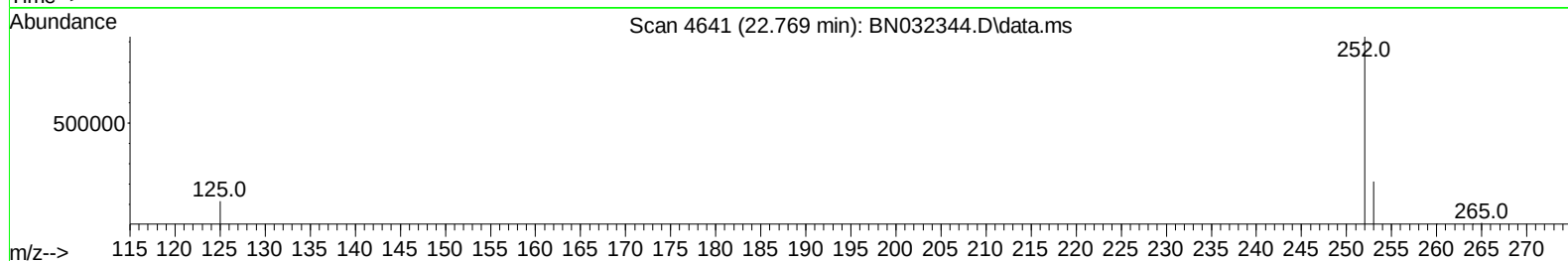
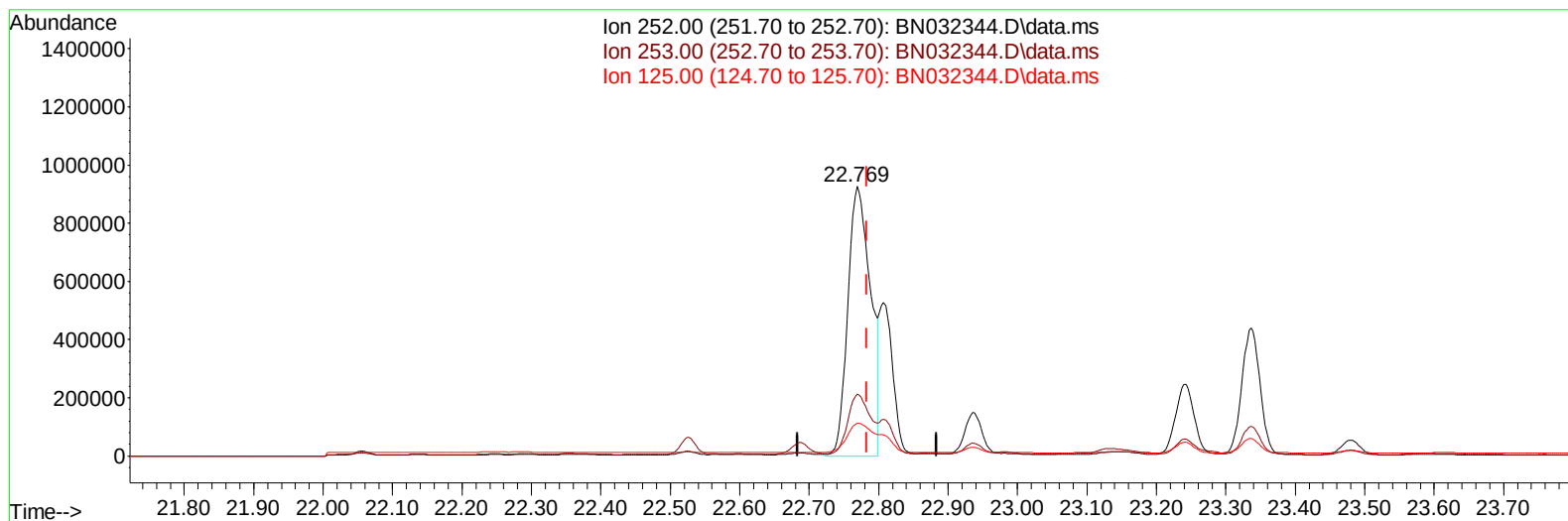
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 19.35 ng/ul m

response 2101314

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.02
125.00	16.00	12.23
0.00	0.00	0.00

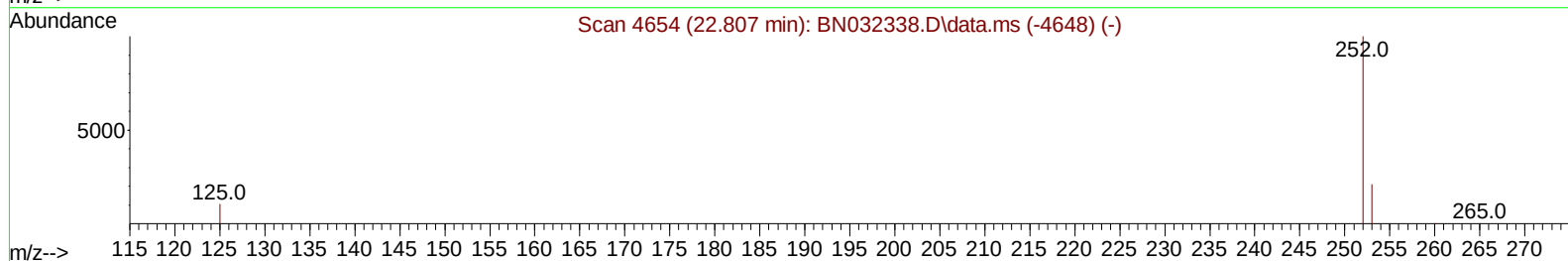
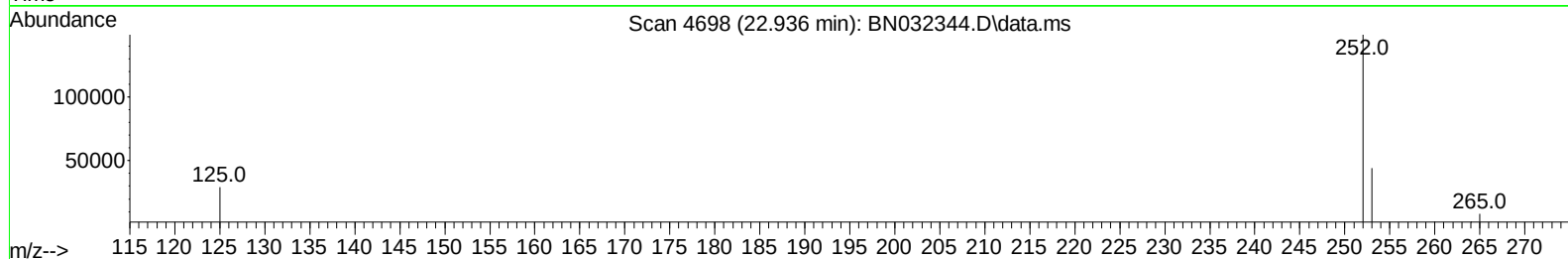
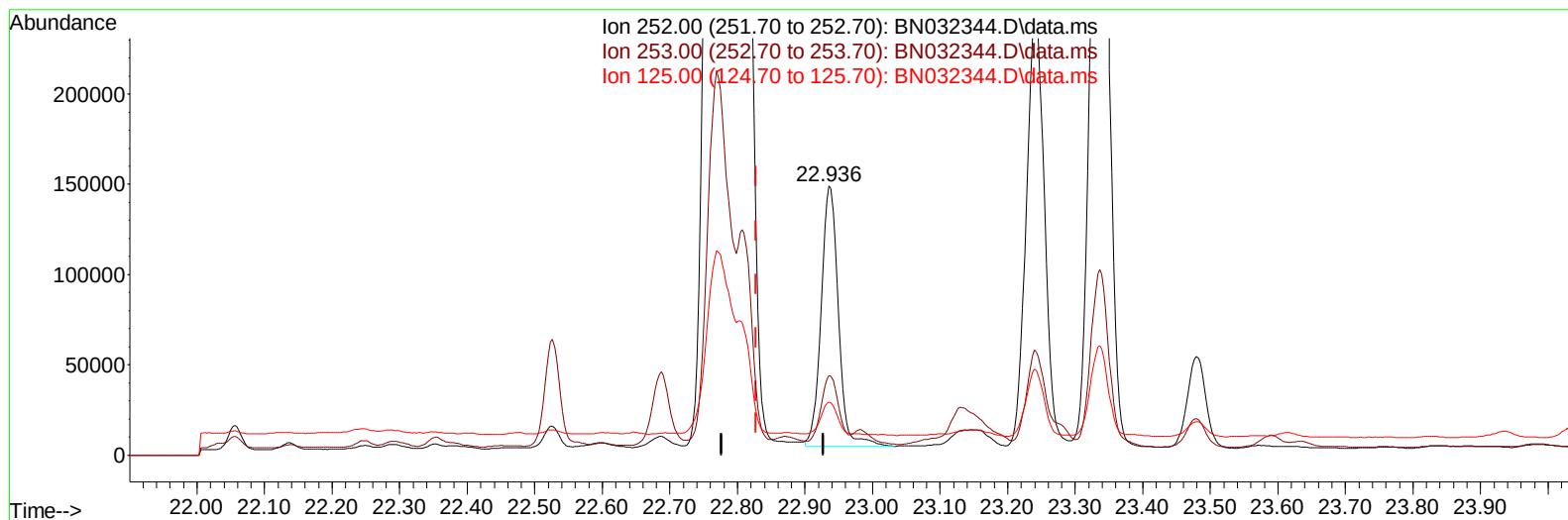
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(25) Benzo(k)fluoranthene

22.936min (+ 0.108) 2.42 ng/u1

response 255434

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.70
125.00	16.00	19.79#
0.00	0.00	0.00

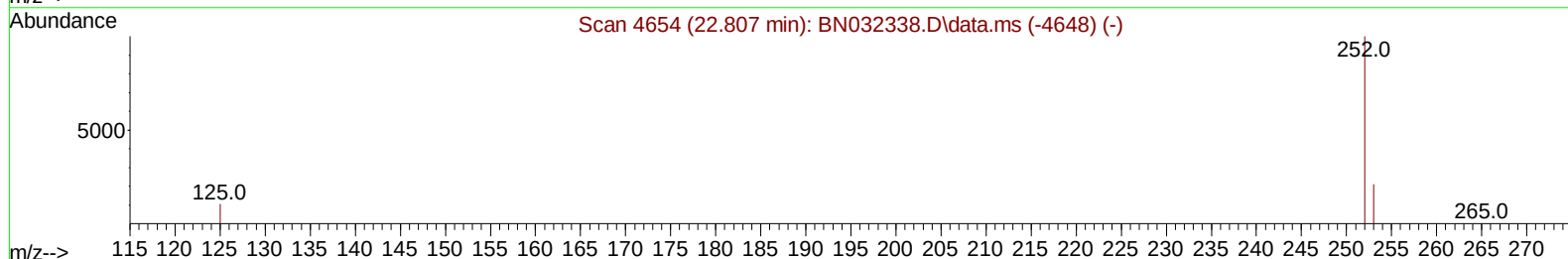
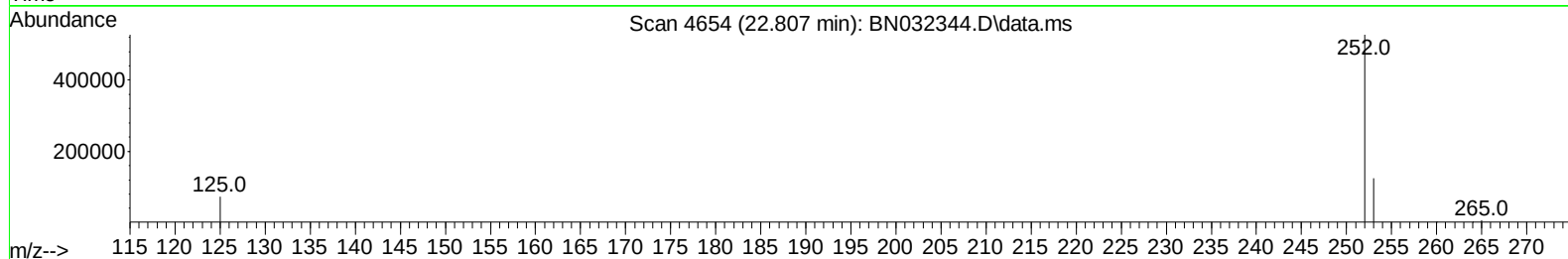
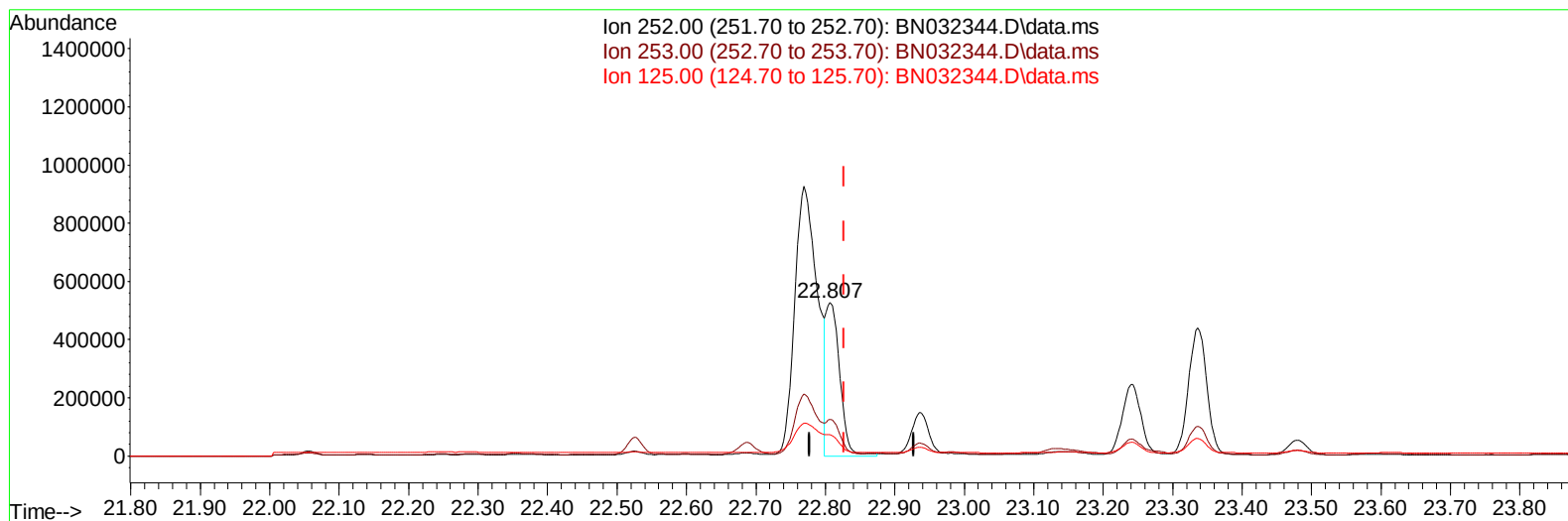
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 6.94 ng/ul m

response 732653

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.67
125.00	16.00	13.94
0.00	0.00	0.00

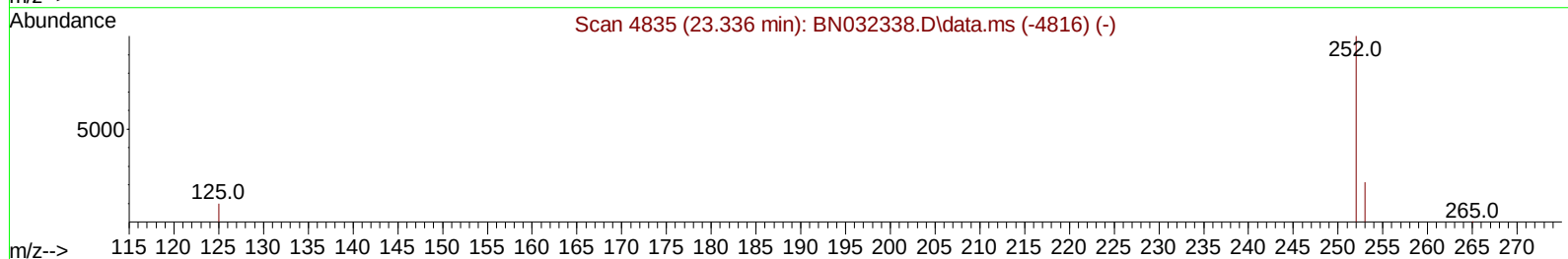
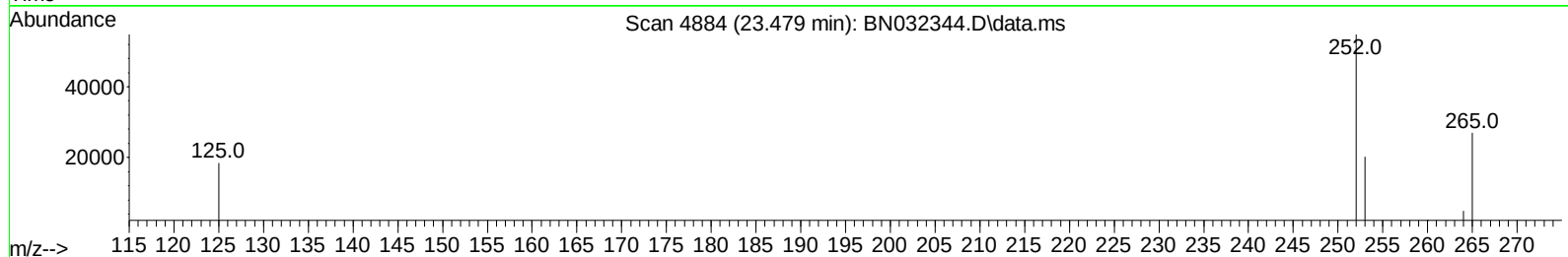
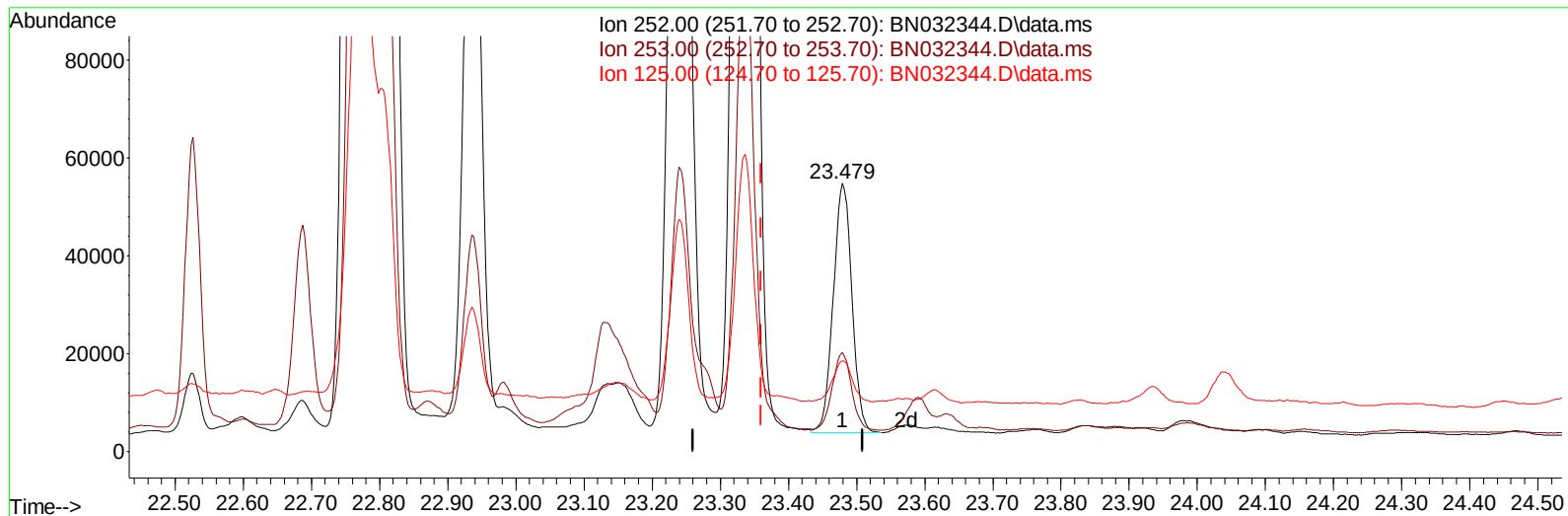
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(26) Benzo(a)pyrene (C)

23.479min (+ 0.120) 1.28 ng/u1

response 96874

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	36.91#
125.00	20.50	33.79#
0.00	0.00	0.00

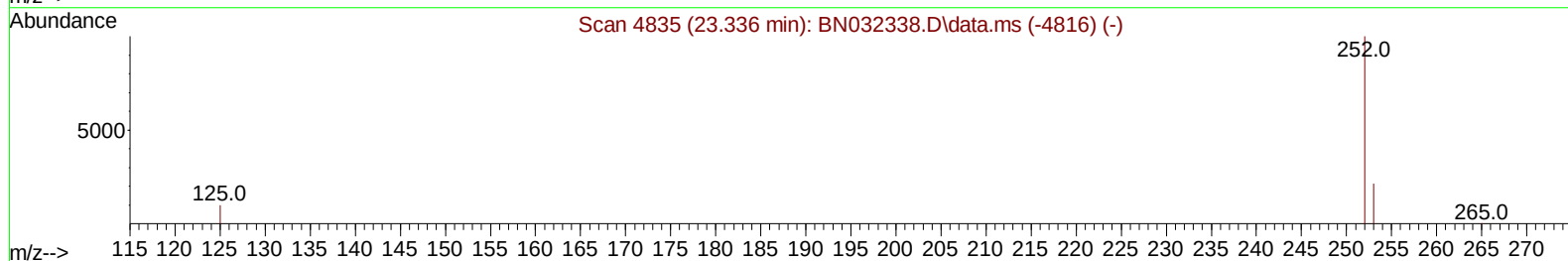
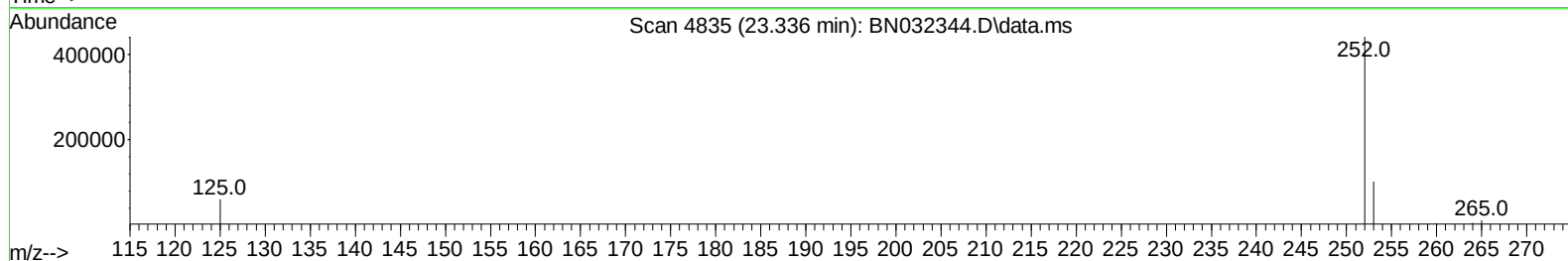
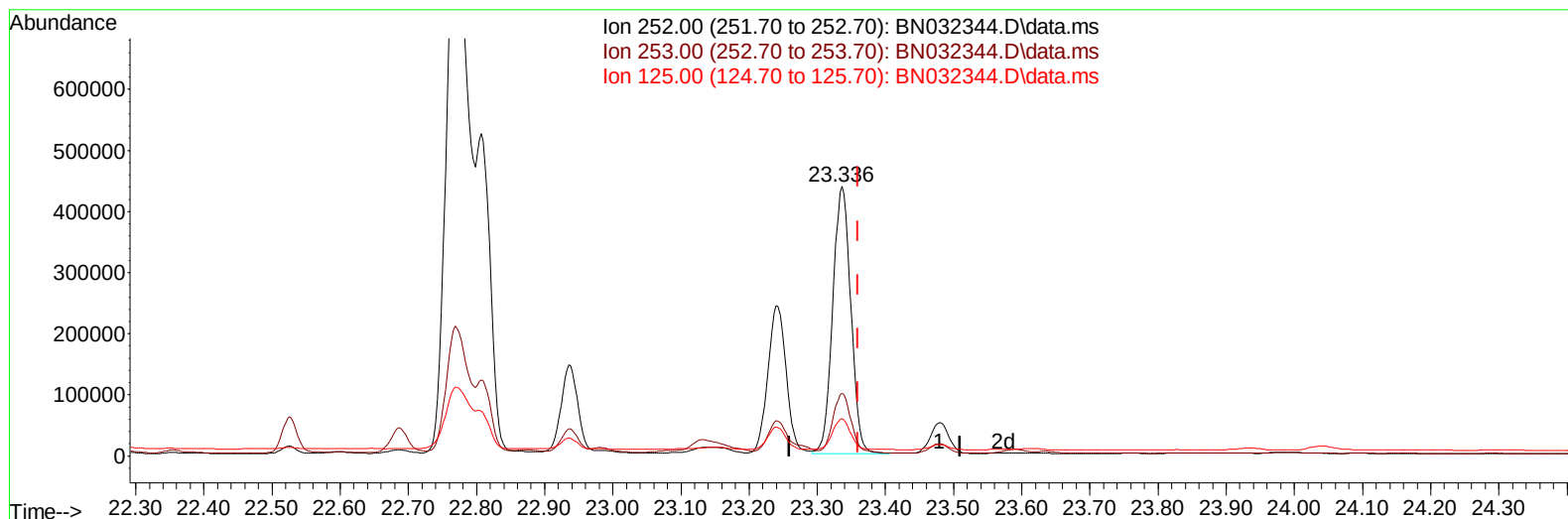
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

(26) Benzo(a)pyrene (C)

23.336min (-0.024) 10.62 ng/ul m

response 802509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.31
125.00	20.50	13.78#
0.00	0.00	0.00

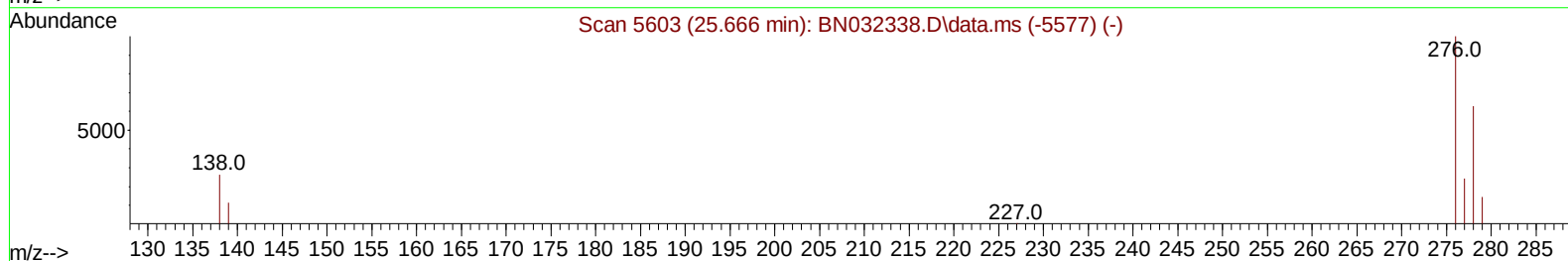
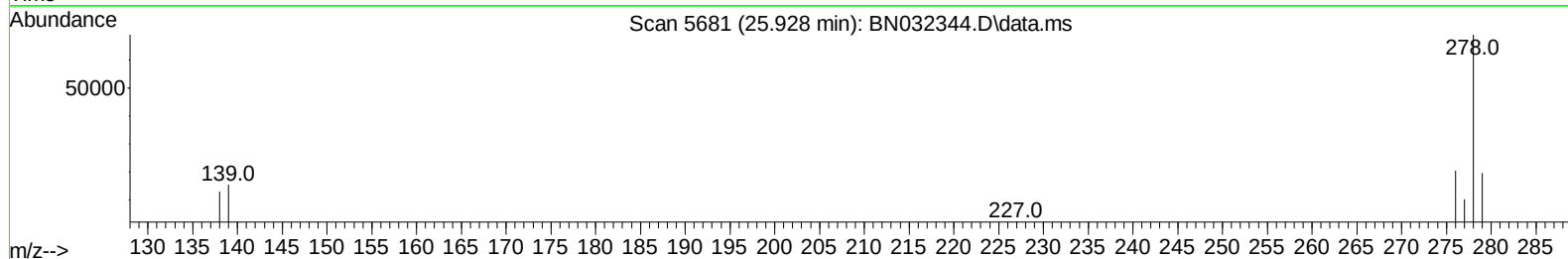
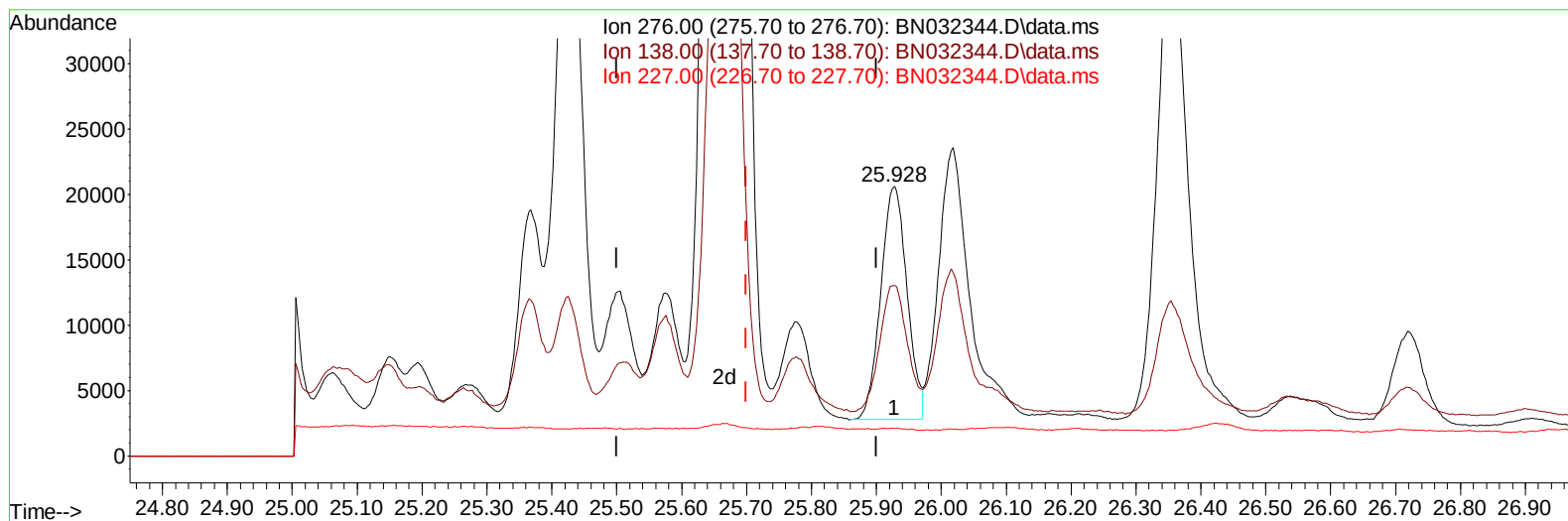
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

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

25.928min (+ 0.228) 0.43 ng/ul

response 50424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.57#
227.00	0.10	0.39#
0.00	0.00	0.00

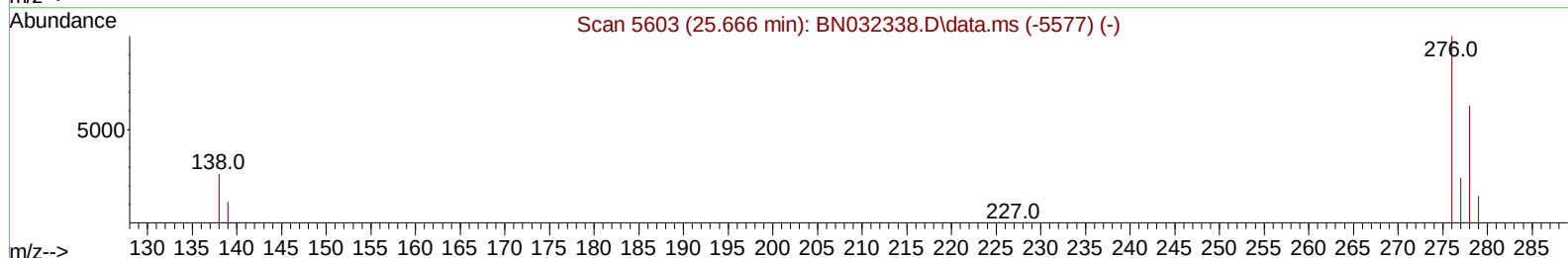
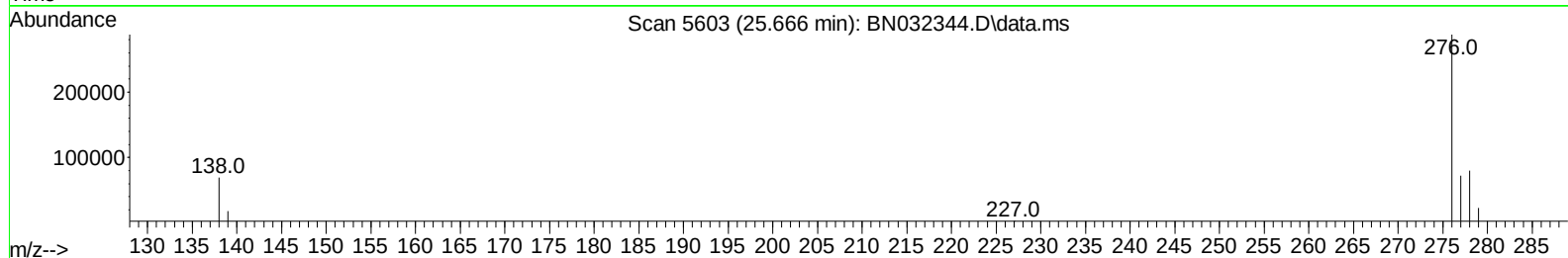
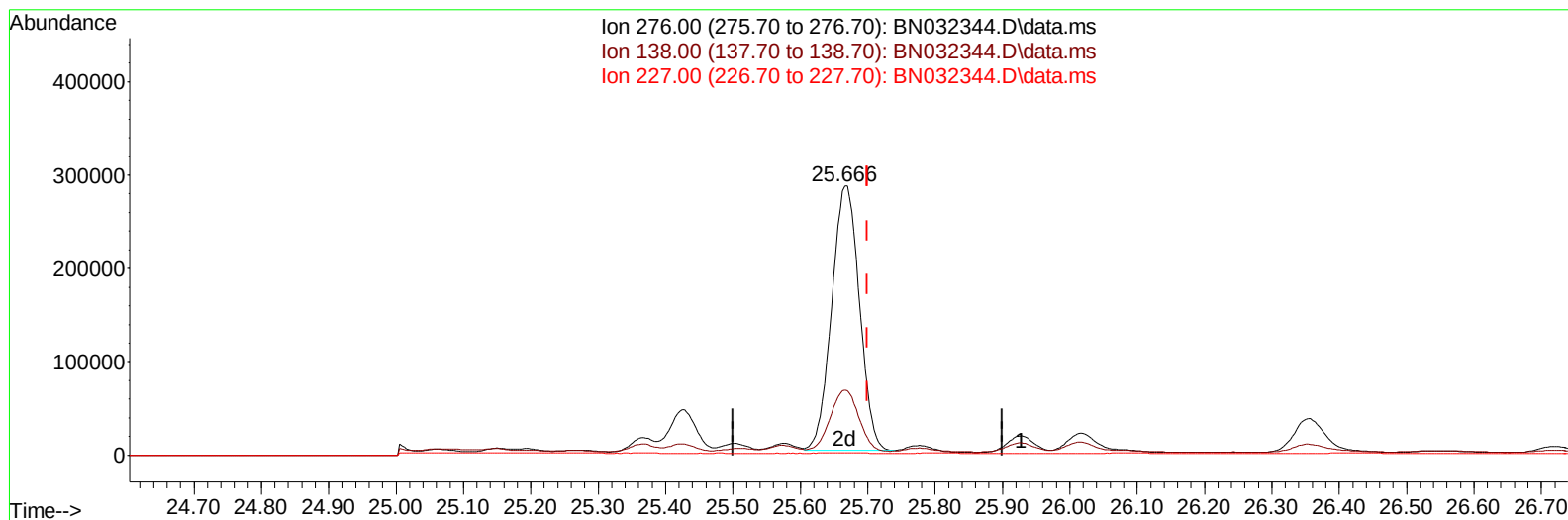
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 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: BN032344.D\data.ms

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

25.666min (-0.034) 6.85 ng/ul m

response 810972

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.52#
227.00	0.10	0.02#
0.00	0.00	0.00

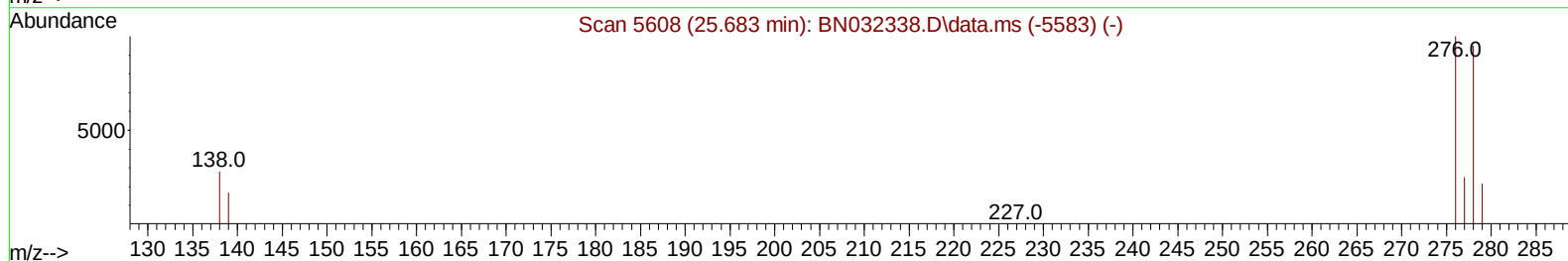
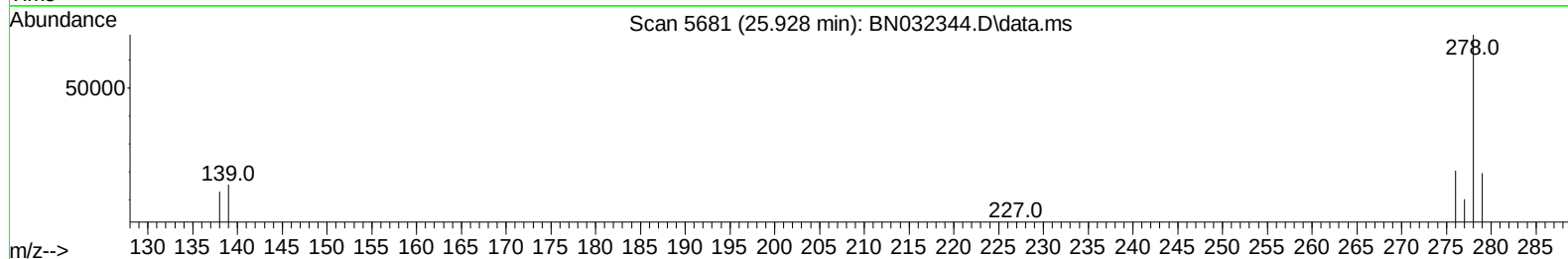
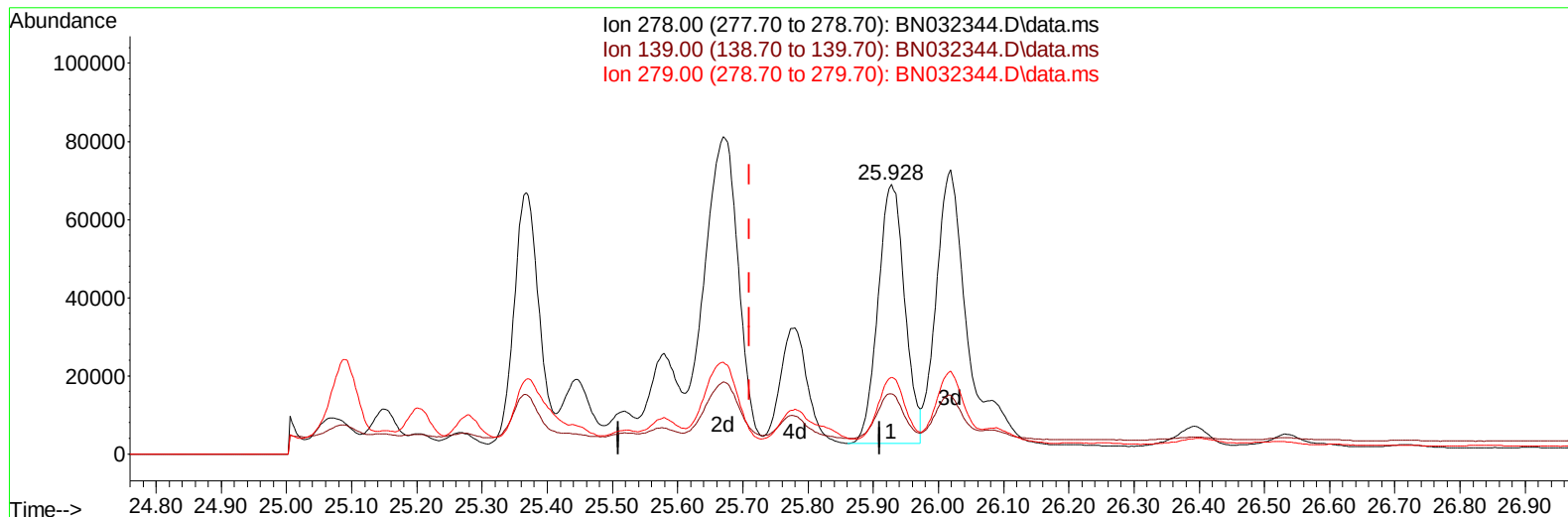
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

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TIC: BN032344.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.218) 2.15 ng/u1

response 189284

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.36
279.00	26.40	28.50
0.00	0.00	0.00

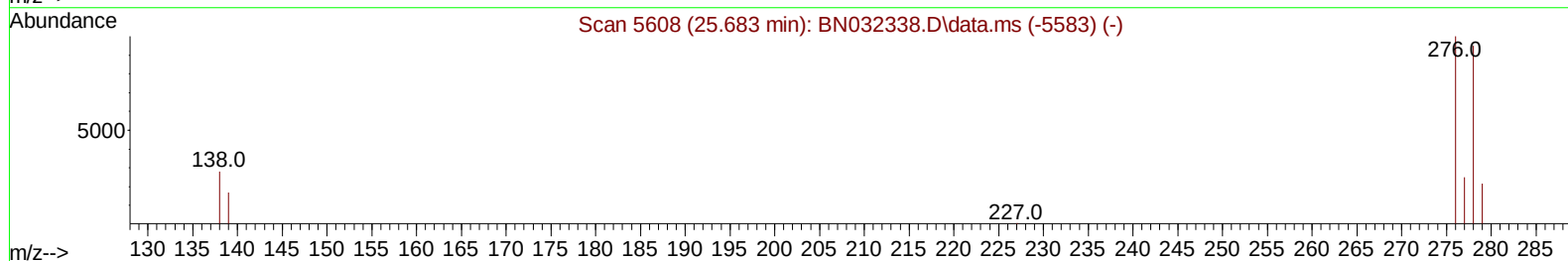
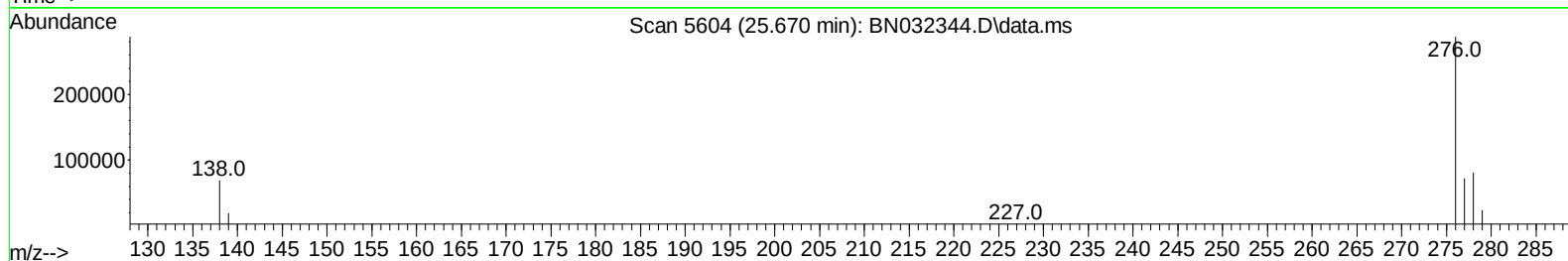
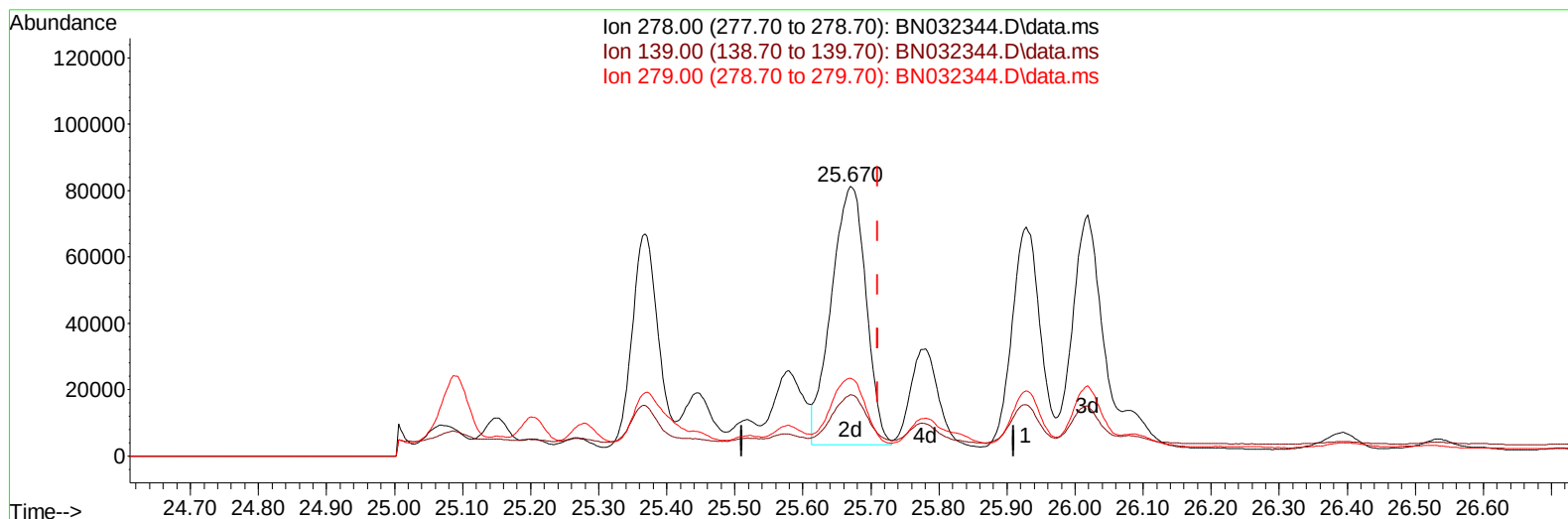
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032344.D\data.ms

(28) Dibenzo(a,h)anthracene

25.670min (-0.040) 3.13 ng/ul m

response 275058

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.83
279.00	26.40	28.93
0.00	0.00	0.00

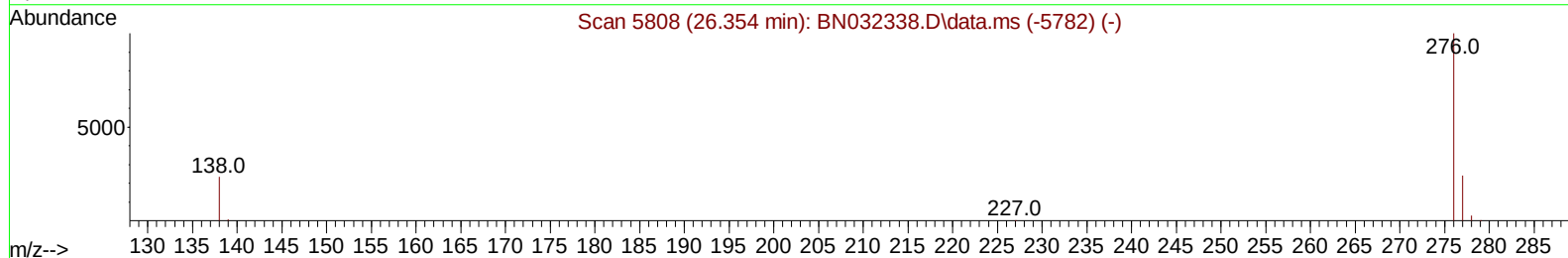
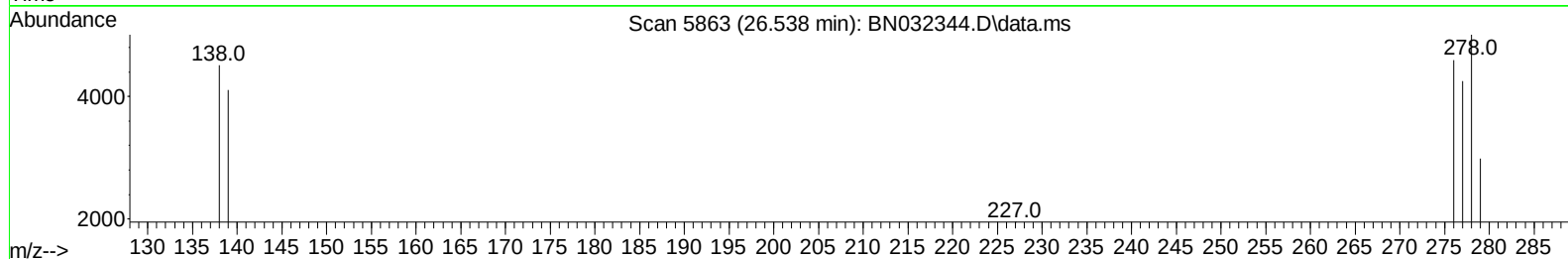
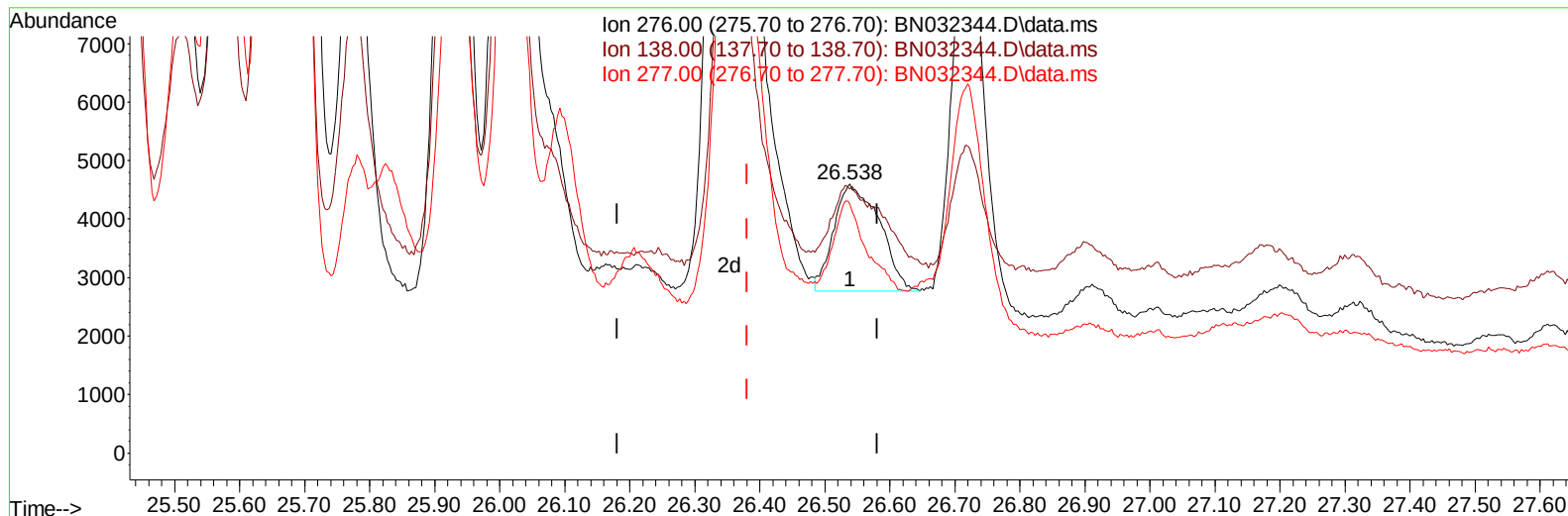
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/01/2024
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TIC: BN032344.D\data.ms

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

26.538min (+ 0.157) 0.09 ng/u1

response 8912

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	98.19#
277.00	24.70	92.58#
0.00	0.00	0.00

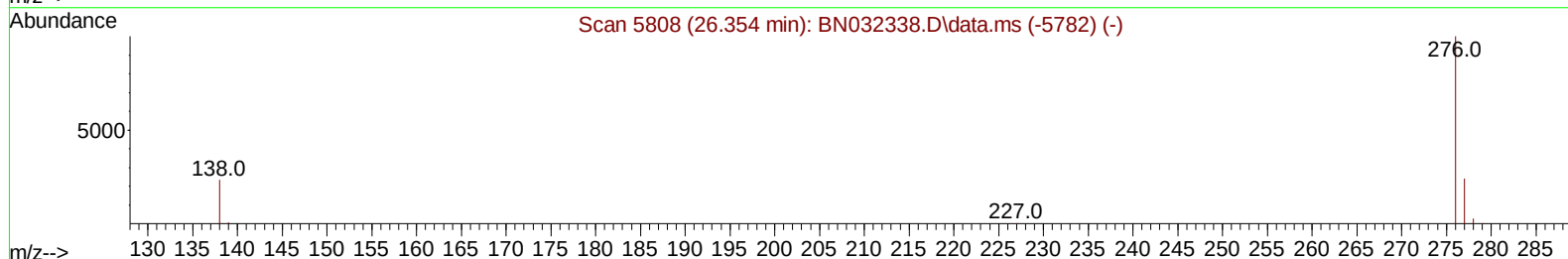
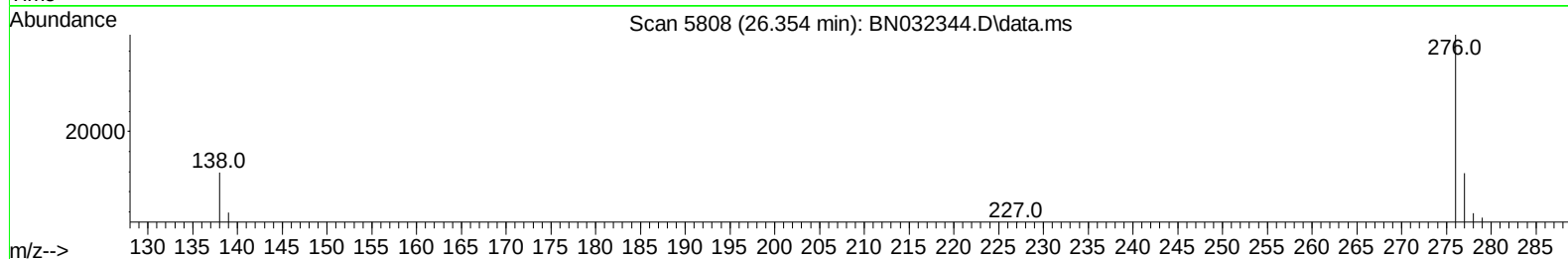
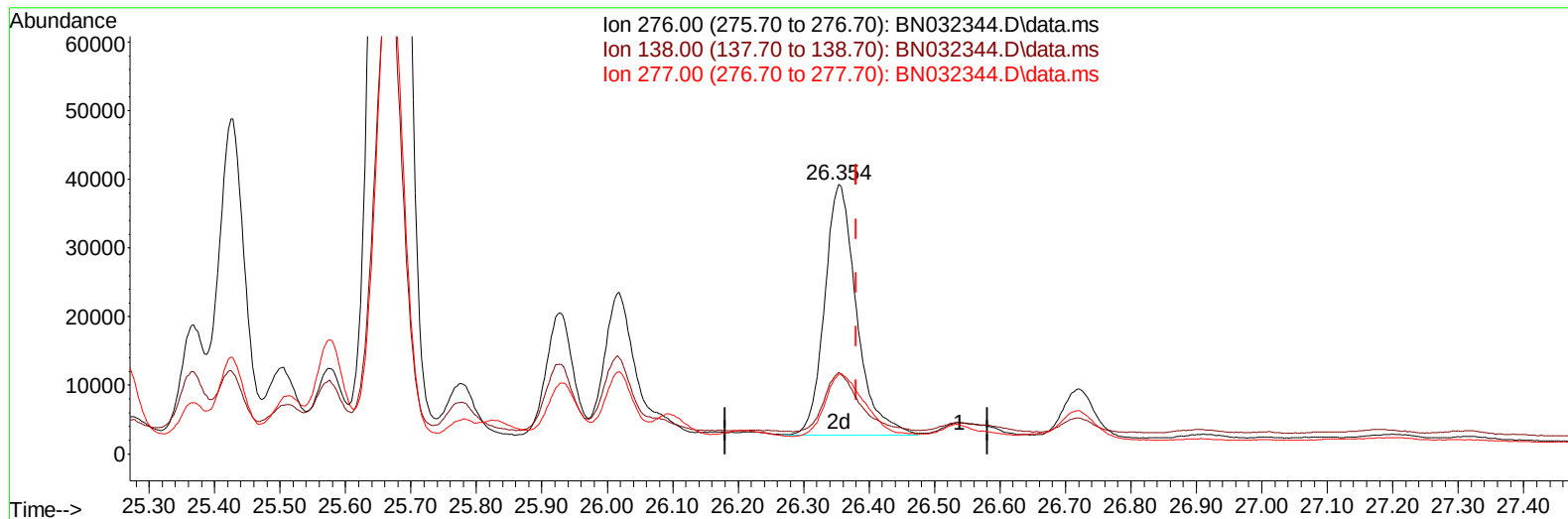
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032344.D
Acq On : 29 Jun 2024 10:29
Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:16 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032344.D\data.ms

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

26.354min (-0.027) 1.32 ng/ul m

response 124422

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.21#
277.00	24.70	29.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032344.D
 Acq On : 29 Jun 2024 10:29
 Operator : MA/JU
 Sample : P2934-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP4

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29475	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	27488m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	16825m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	24999m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	39555	3.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	11285	0.255	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	17796m	0.352	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	49059	0.629	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	16623	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	14409	0.269	ng/ul	99
10) Acenaphthylene	13.975	152	67284	0.999	ng/ul	99
11) Acenaphthene	14.318	153	74304	1.422	ng/ul	98
12) Fluorene	15.312	166	81925	1.315	ng/ul	98
15) Phenanthrene	17.054	178	1551020m	20.581	ng/ul	
16) Anthracene	17.143	178	299958m	4.462	ng/ul	
19) Fluoranthene	19.078	202	2918119m	45.547	ng/ul	
20) Pyrene	19.445	202	2082116m	31.098	ng/ul	
21) Benzo(a)anthracene	21.197	228	1295236m	21.329	ng/ul	
22) Chrysene	21.249	228	1489823m	22.352	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	2101314m	19.347	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	732653m	6.943	ng/ul	
26) Benzo(a)pyrene	23.336	252	802509m	10.620	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	810972m	6.854	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	275058m	3.129	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	124422m	1.320	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
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Operator : MA/JU
Sample : P2934-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP4

Manual IntegrationsAPPROVED

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