

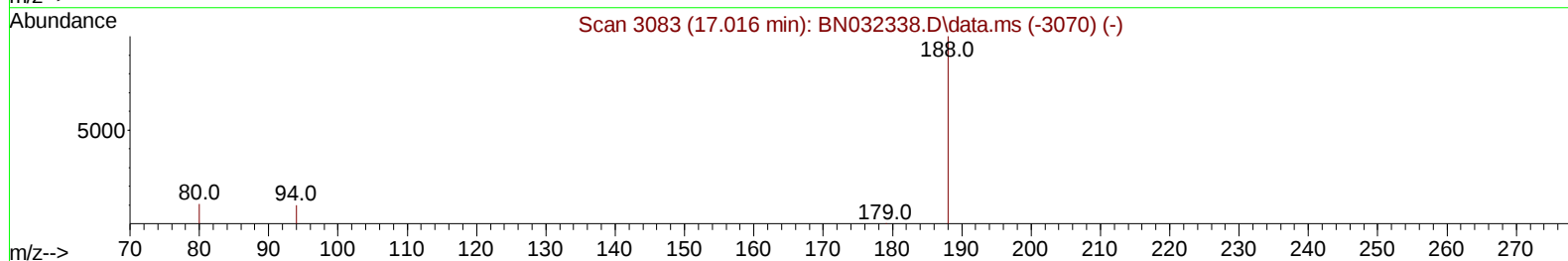
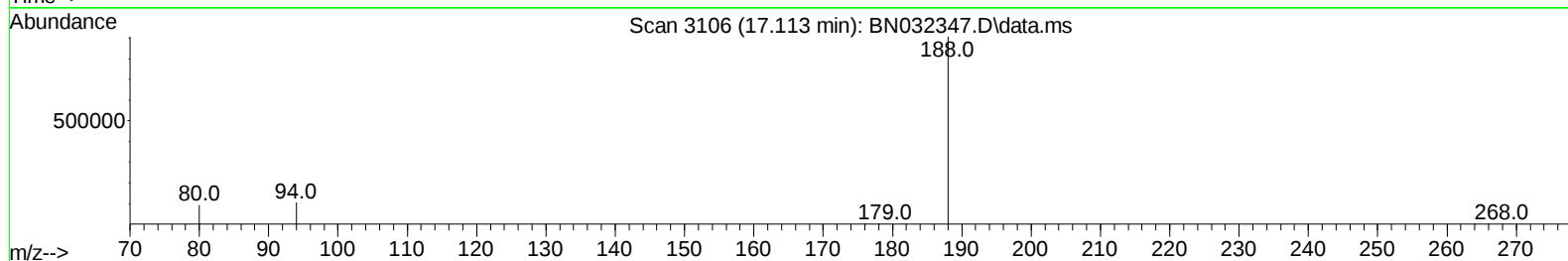
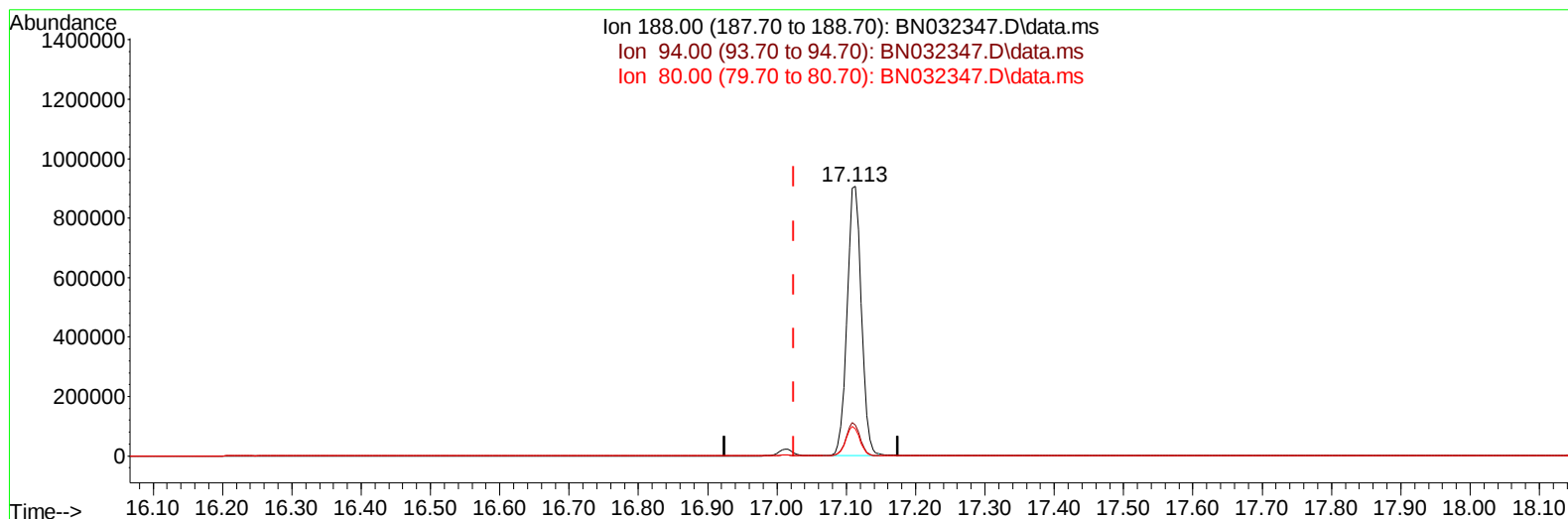
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(13) Phenanthrene-d10 (I)

17.113min (+ 0.088) 0.40 ng/u1

response 1294754

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.43
80.00	10.50	10.06
0.00	0.00	0.00

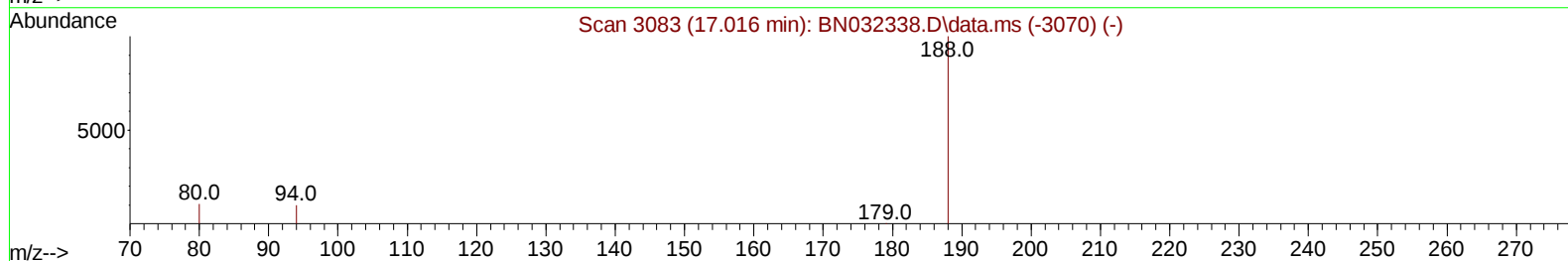
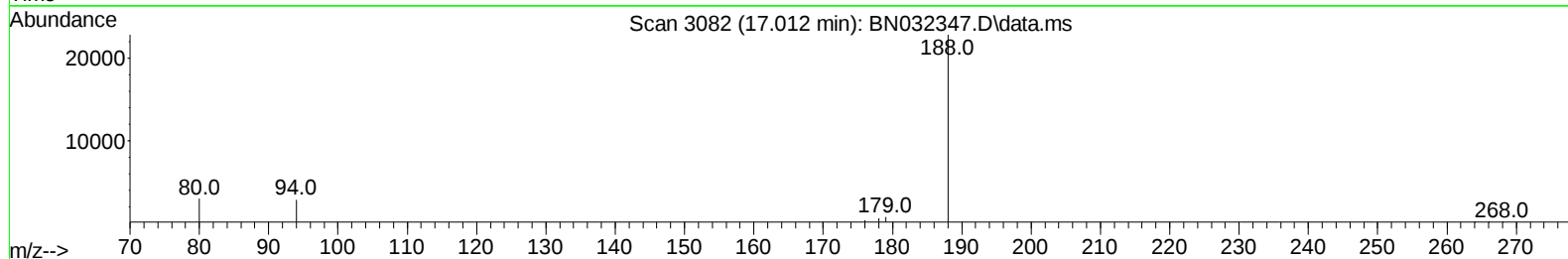
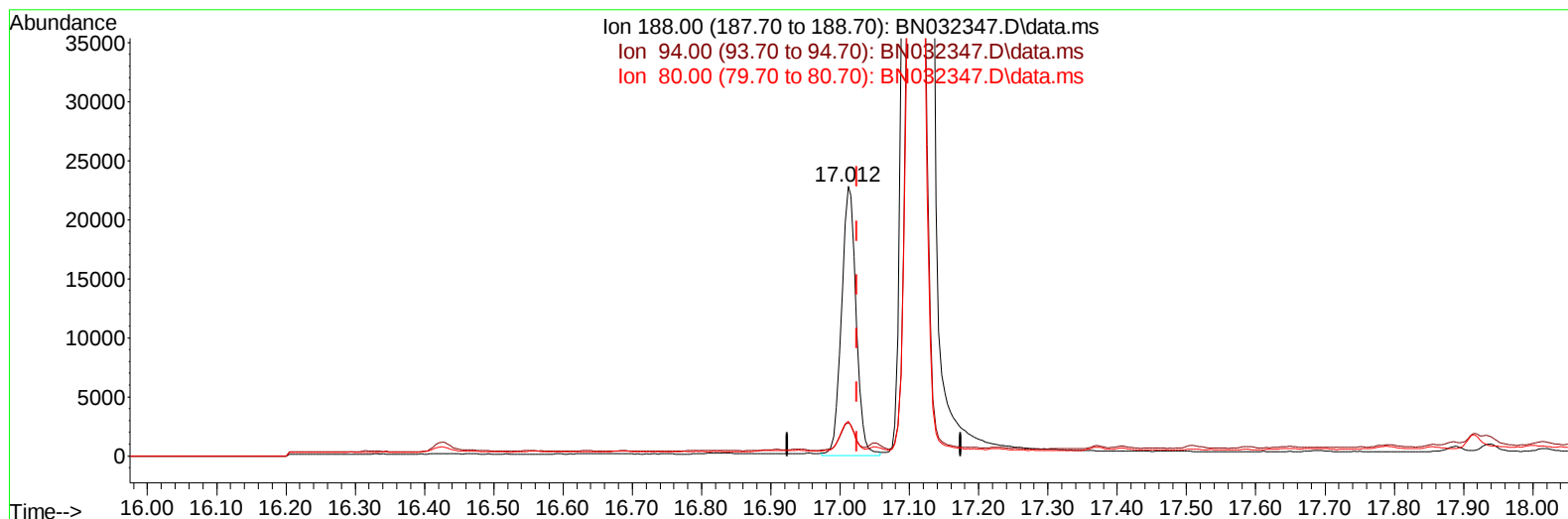
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/ul m

response 33633

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.36#
80.00	10.50	12.91#
0.00	0.00	0.00

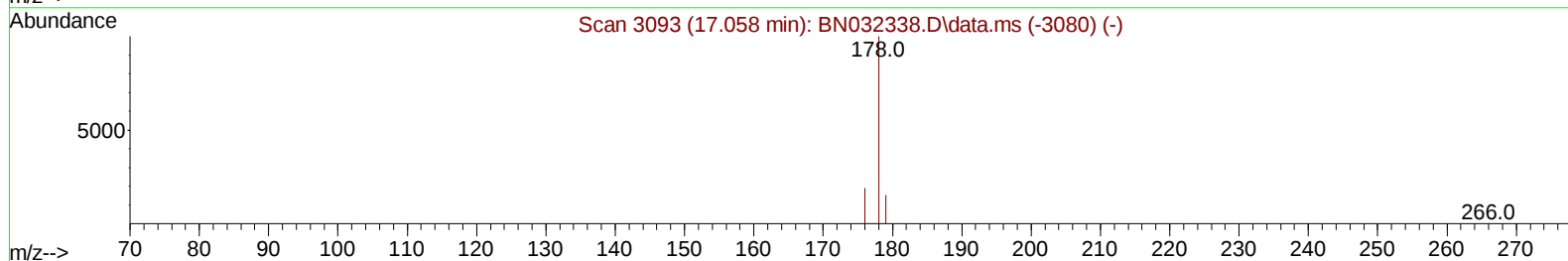
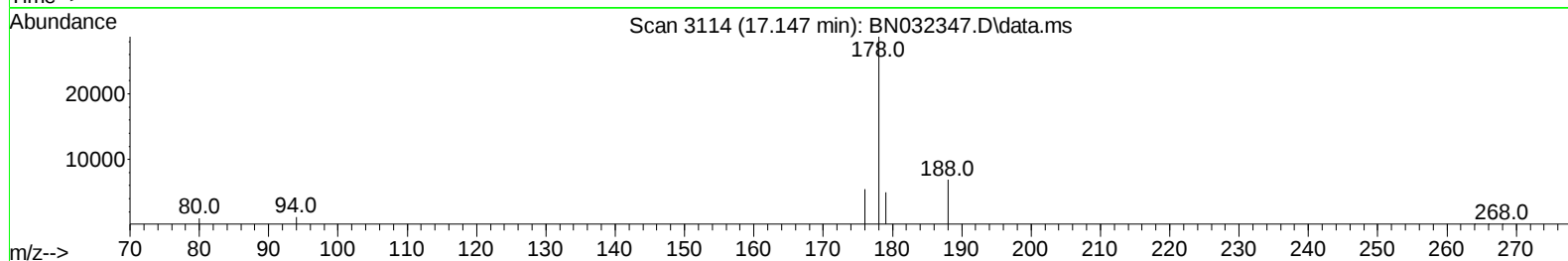
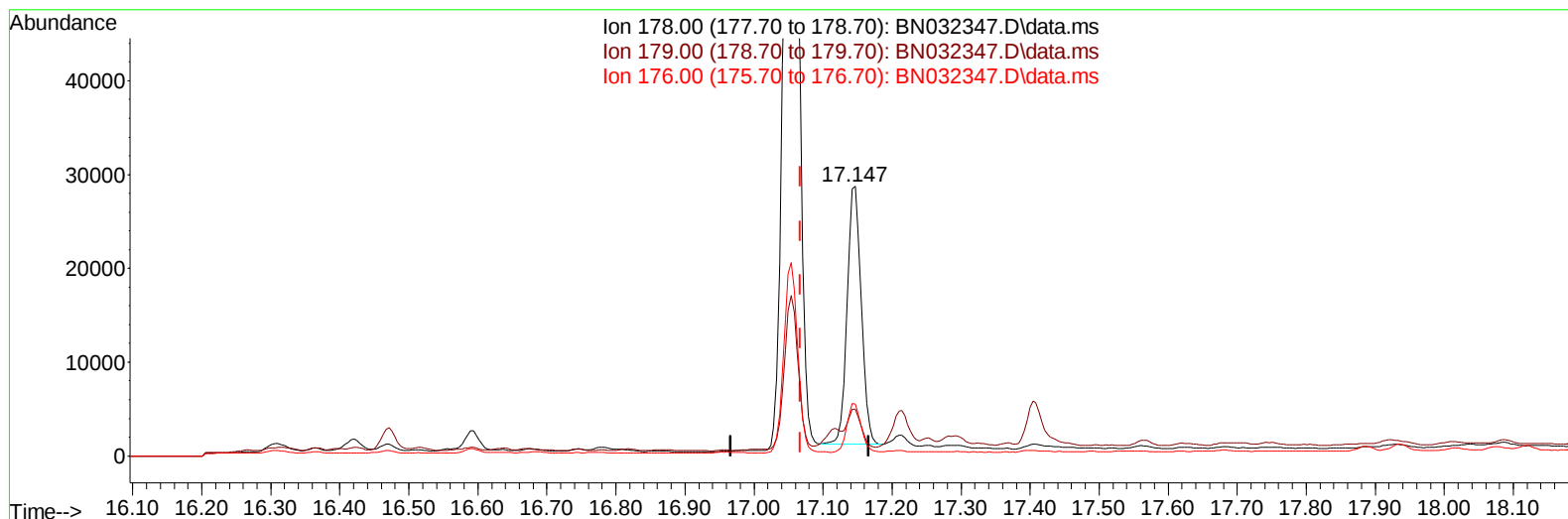
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(15) Phenanthrene

17.147min (+ 0.080) 0.43 ng/u1

response 39362

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.37
176.00	19.50	19.17
0.00	0.00	0.00

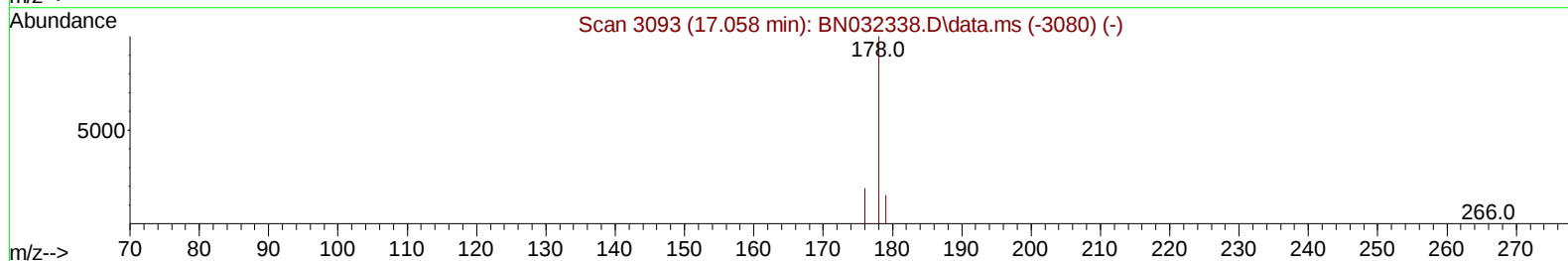
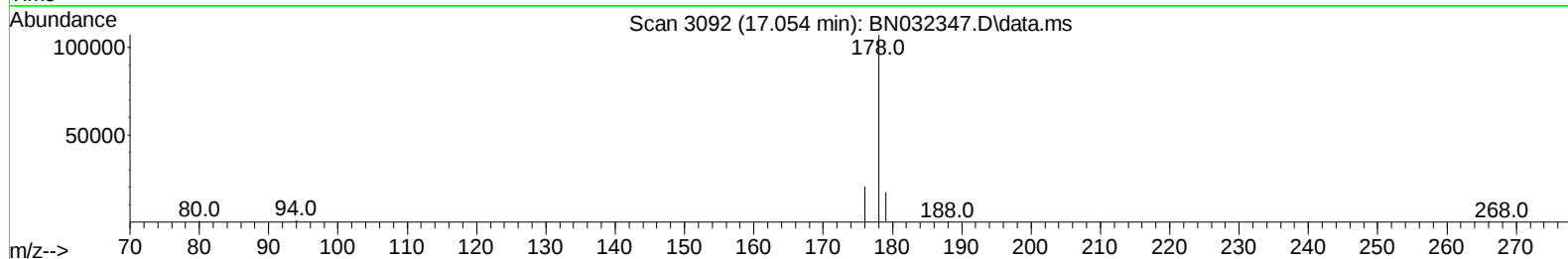
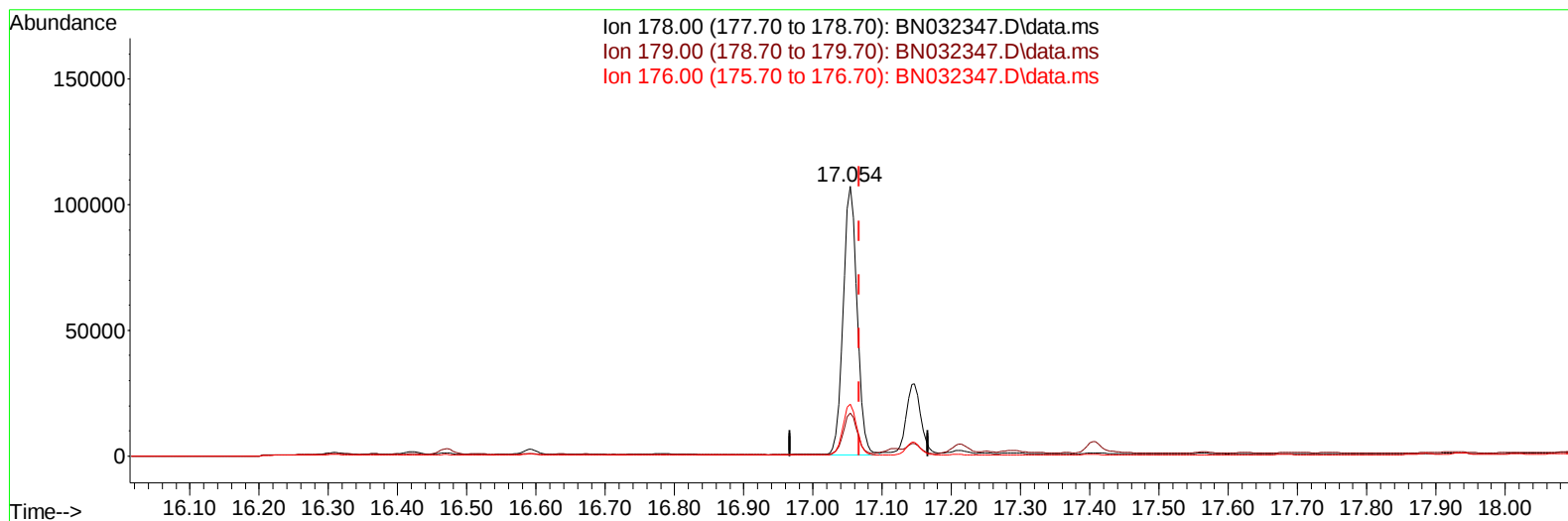
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 1.62 ng/ul m

response 149494

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.94
176.00	19.50	19.22
0.00	0.00	0.00

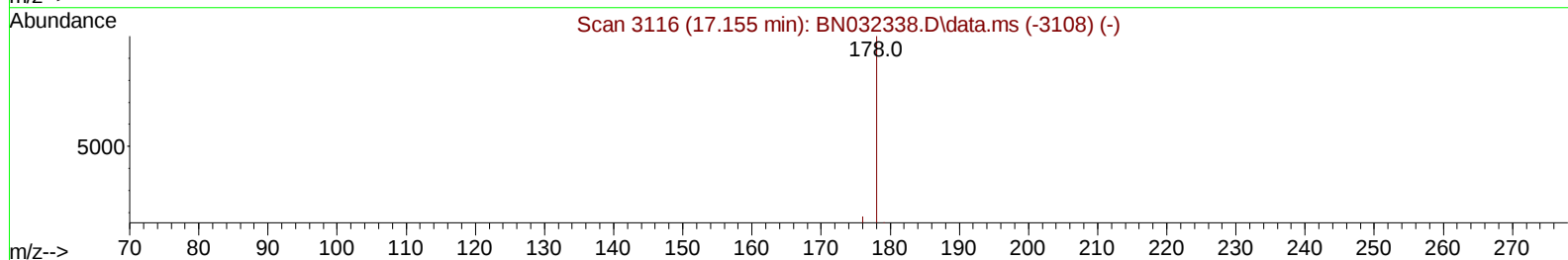
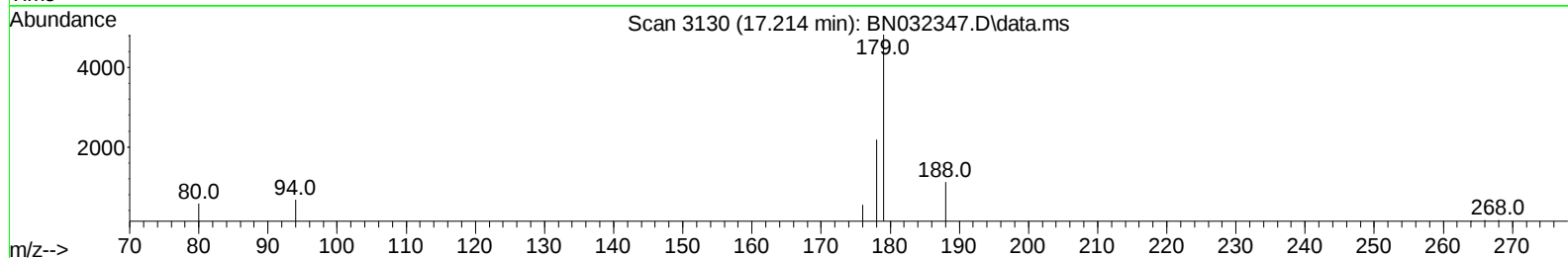
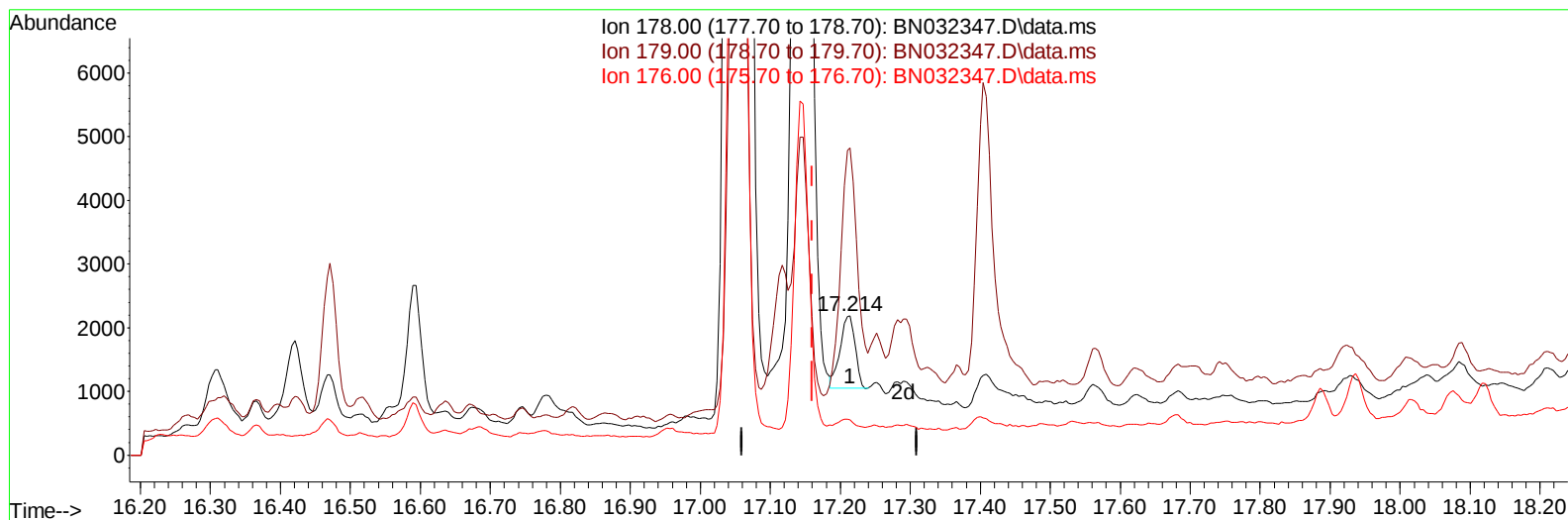
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(16) Anthracene

17.214min (+ 0.055) 0.02 ng/u1

response 1701

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	220.68#
176.00	18.80	25.30#
0.00	0.00	0.00

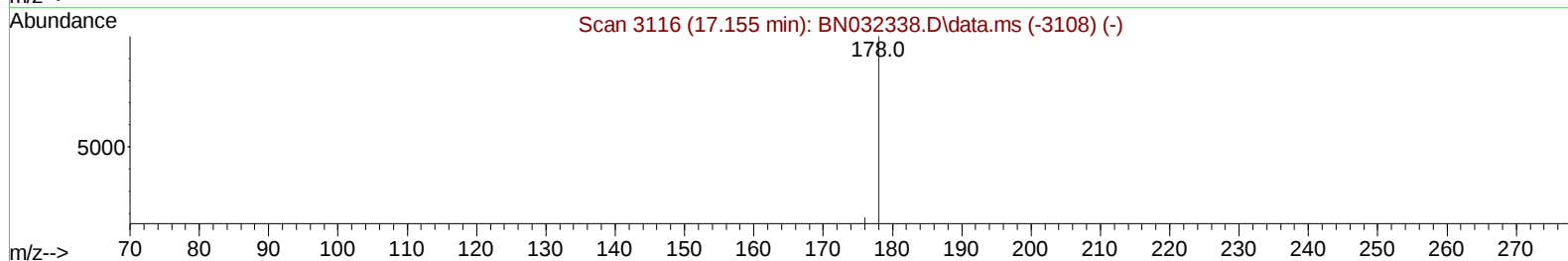
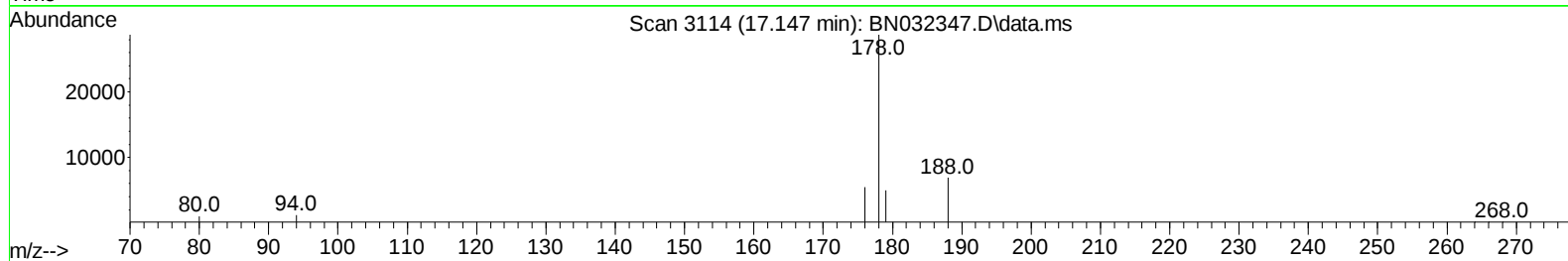
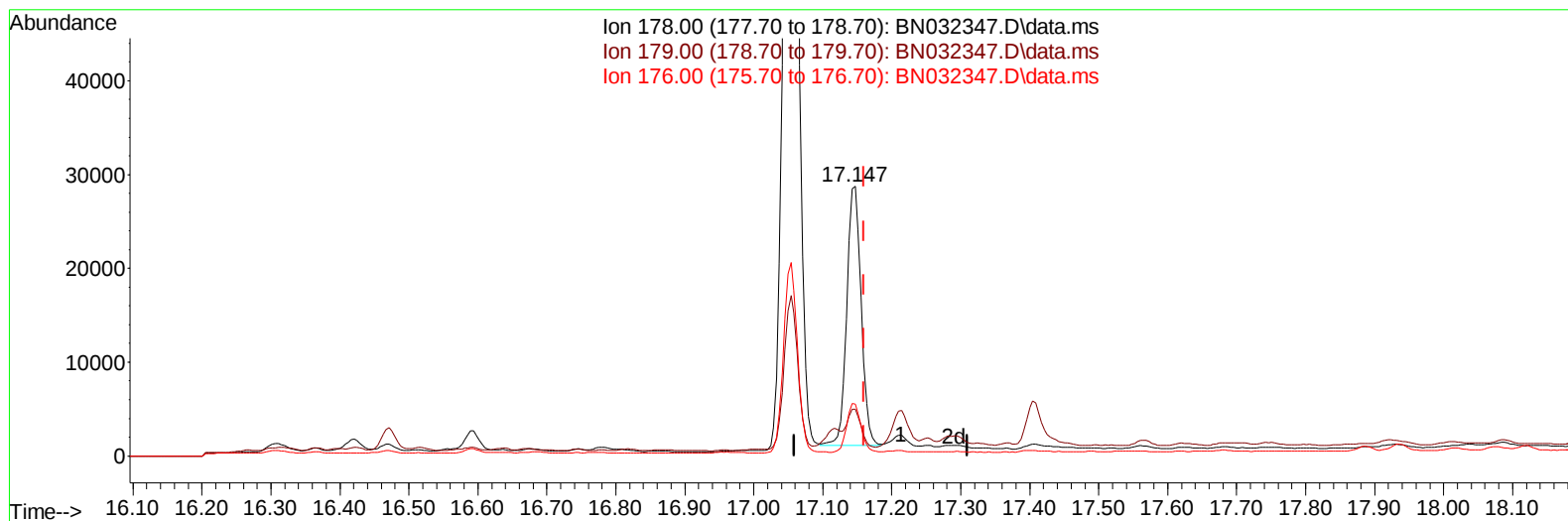
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(16) Anthracene

17.147min (-0.013) 0.49 ng/u1 m

response 39973

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.37
176.00	18.80	19.17
0.00	0.00	0.00

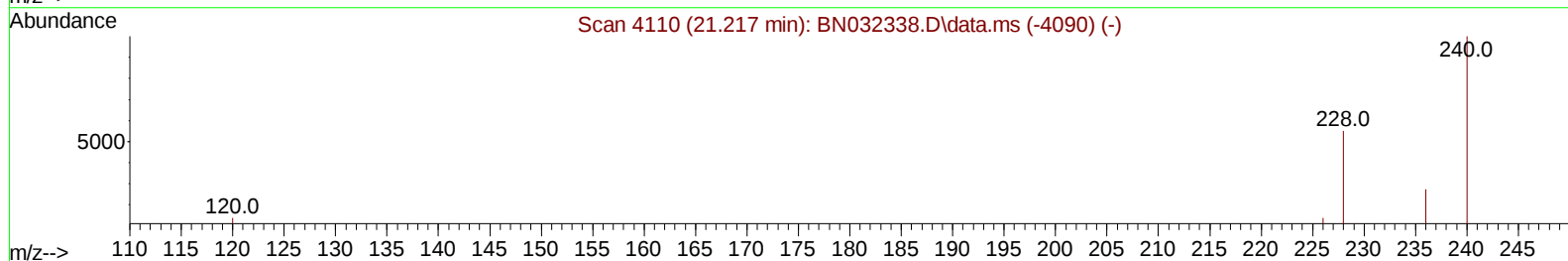
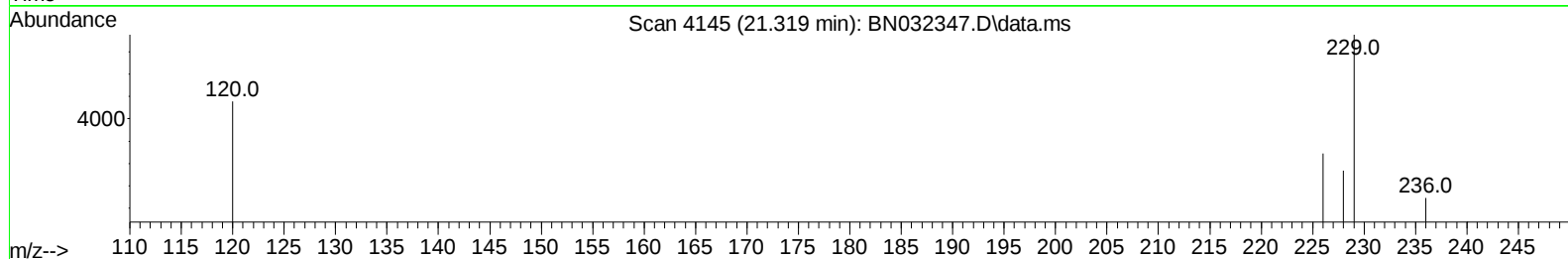
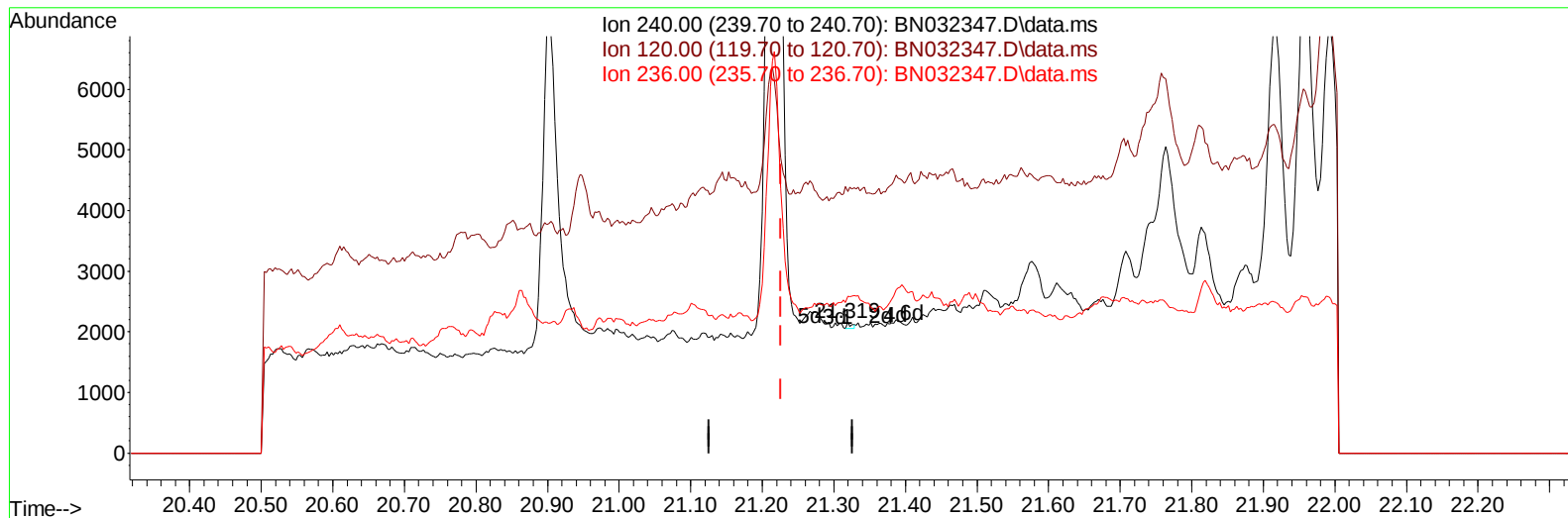
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(17) Chrysene-d12

21.319min (+ 0.093) 0.40 ng/u1

response 44

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	200.14#
236.00	28.40	120.19#
0.00	0.00	0.00

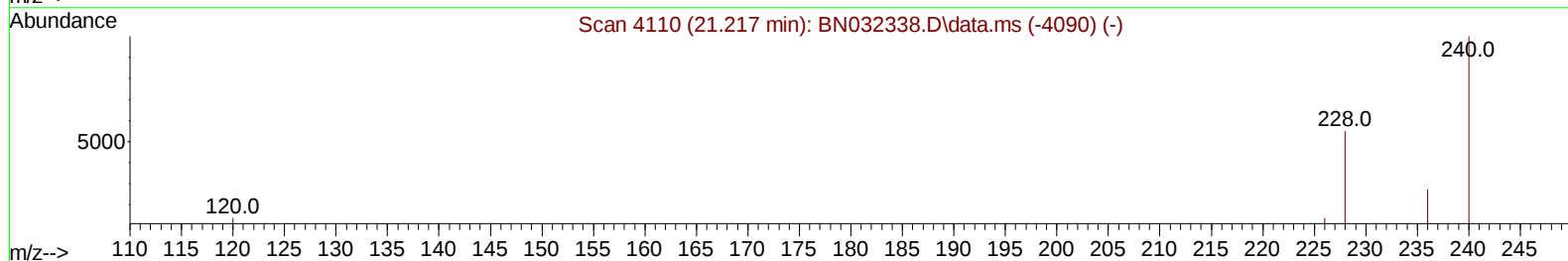
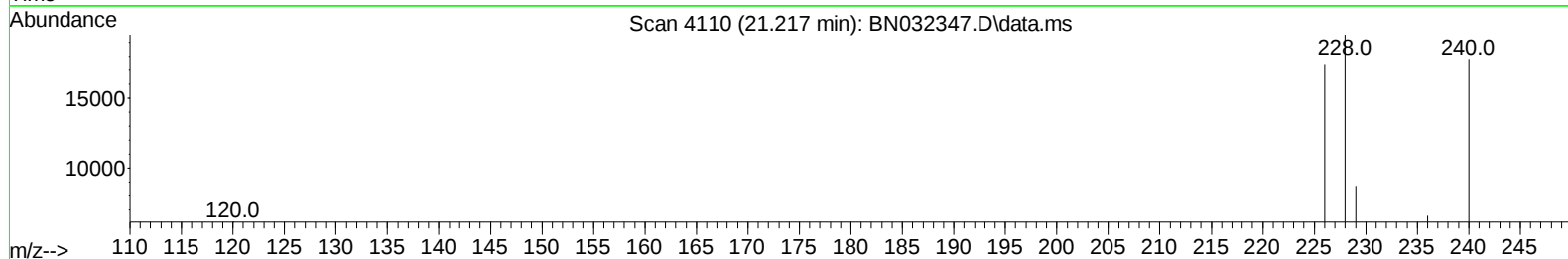
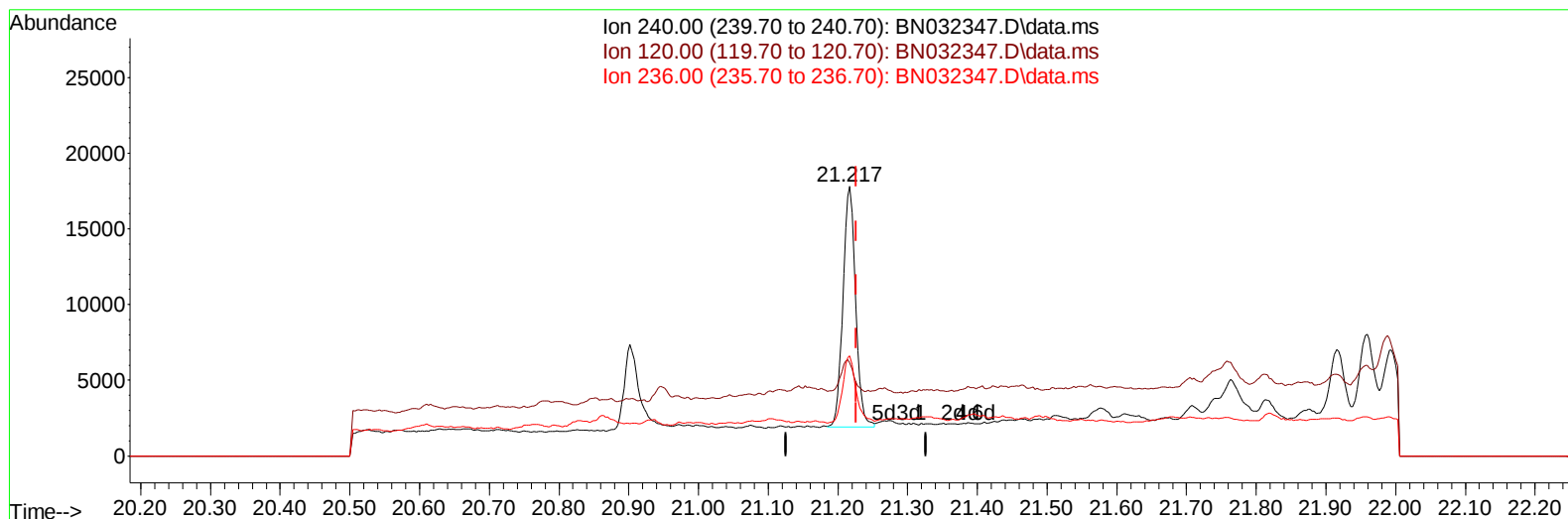
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 20064

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	34.58#
236.00	28.40	37.22#
0.00	0.00	0.00

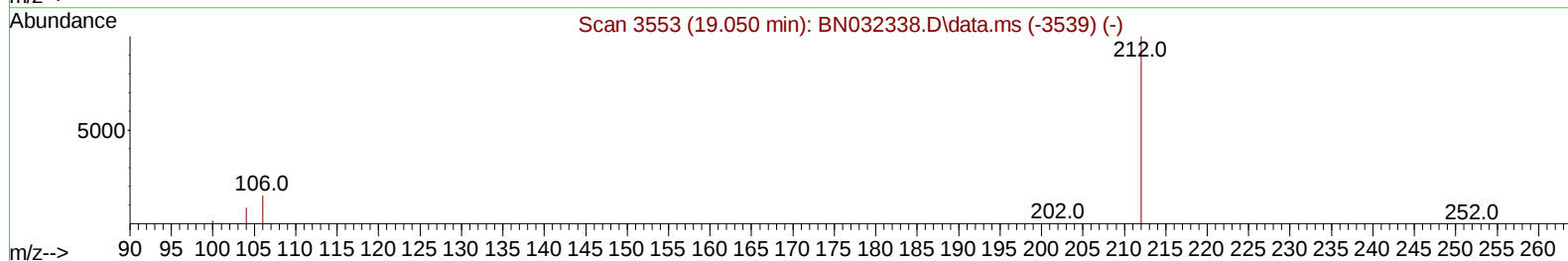
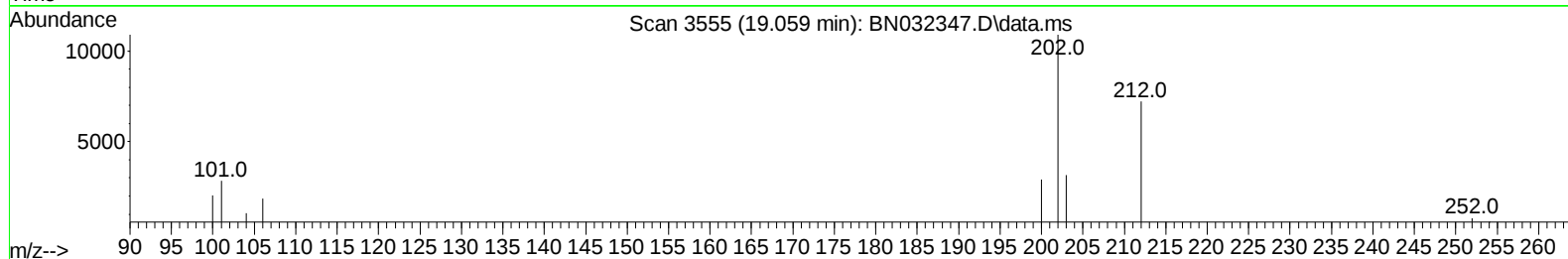
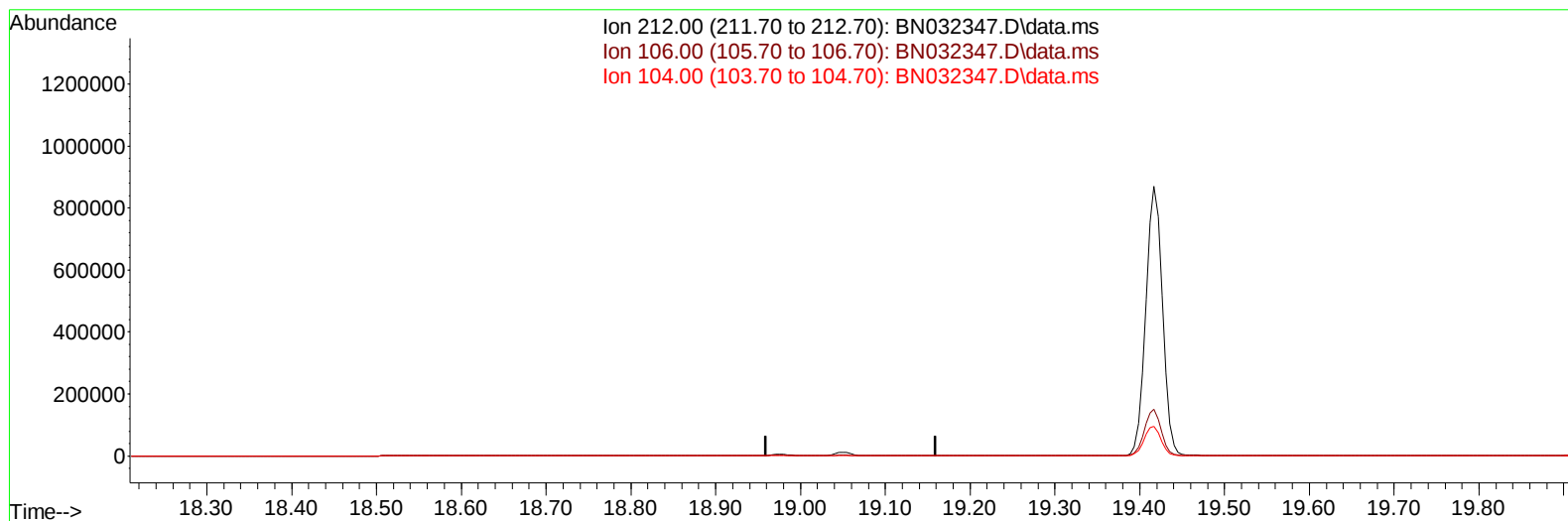
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032347.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

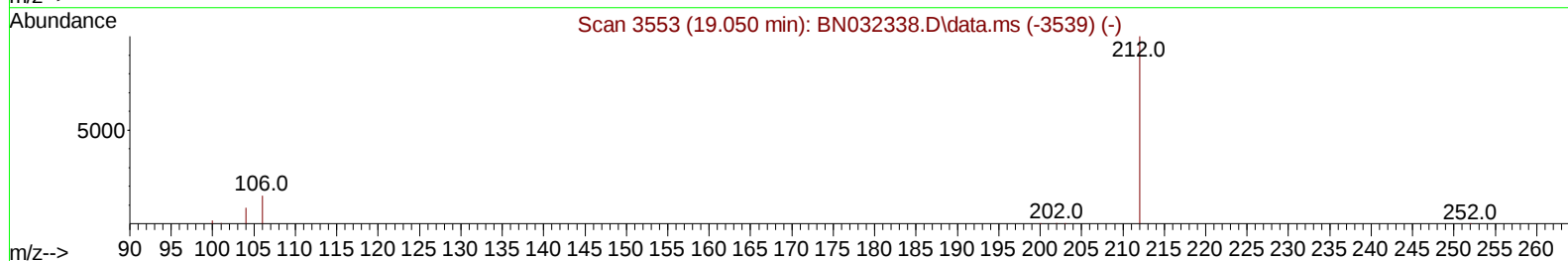
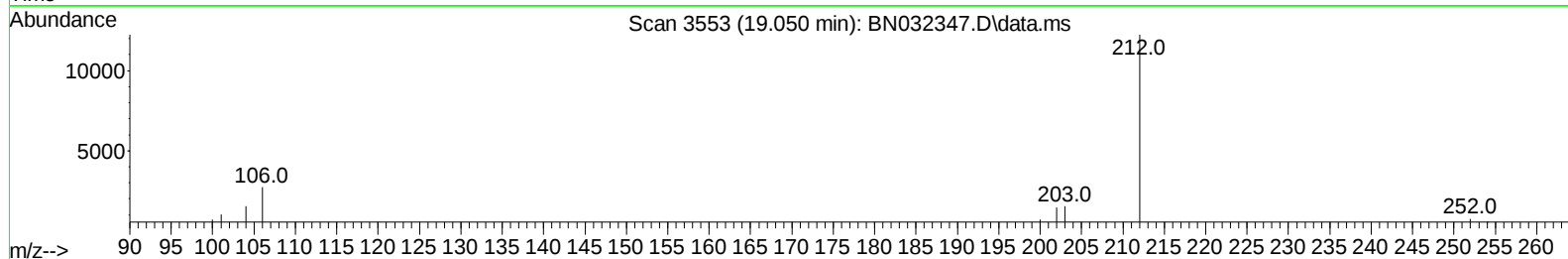
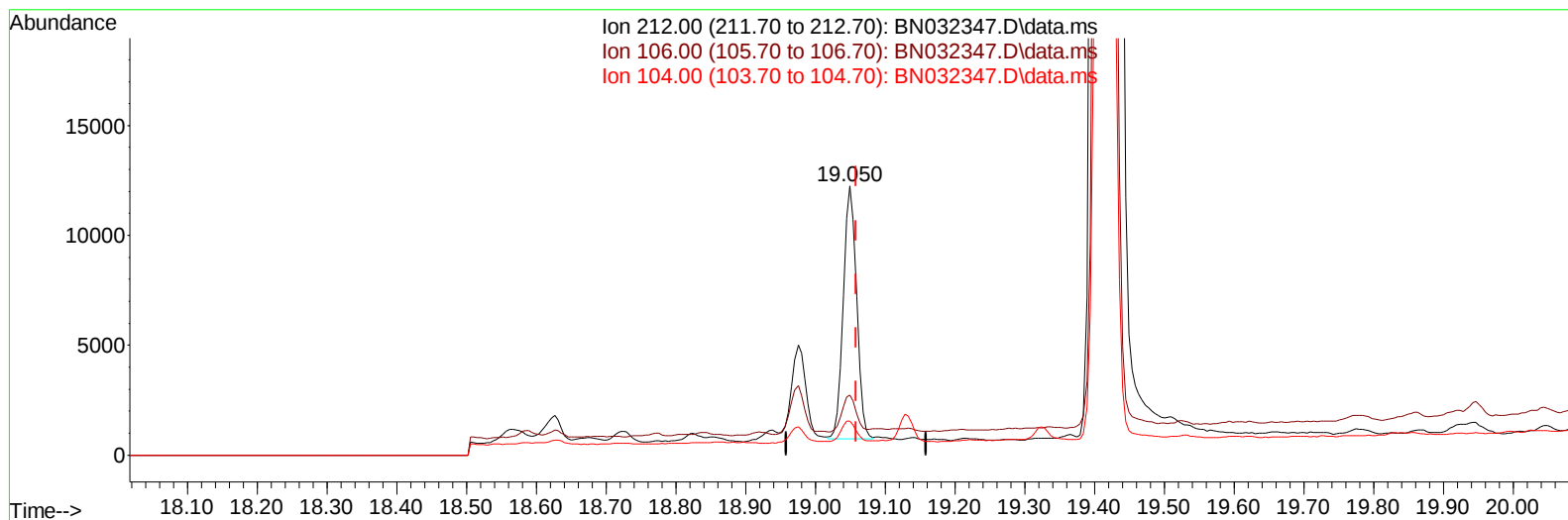
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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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TIC: BN032347.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.010) 0.25 ng/ul m

response 15186

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

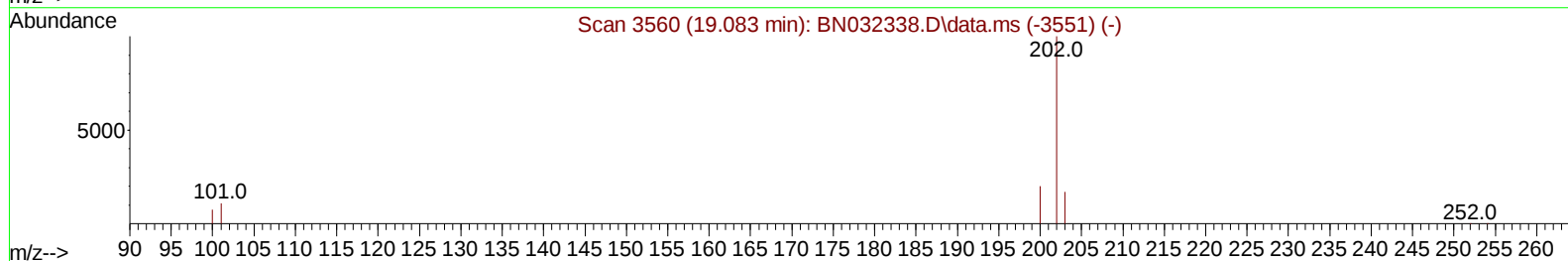
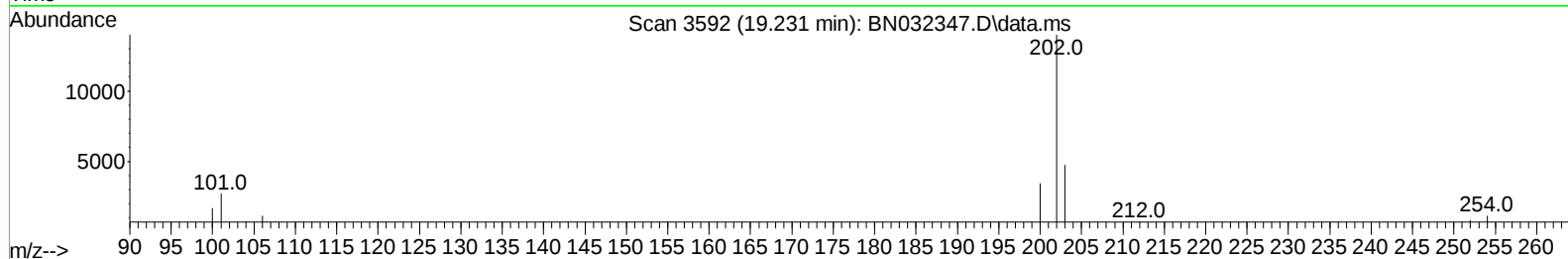
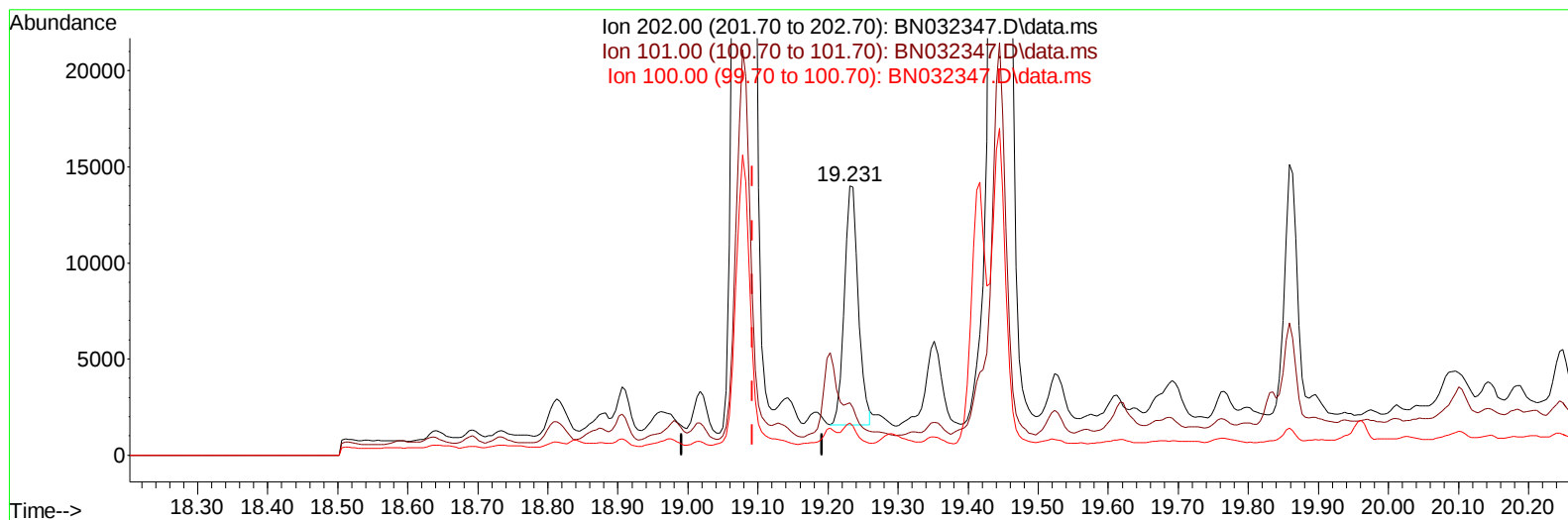
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032347.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.23 ng/u1

response 17274

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	19.40#
100.00	8.00	11.97#
0.00	0.00	0.00

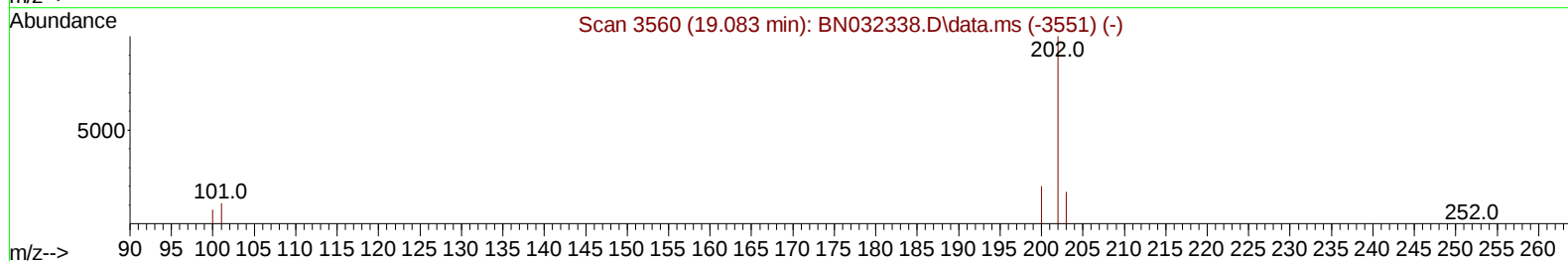
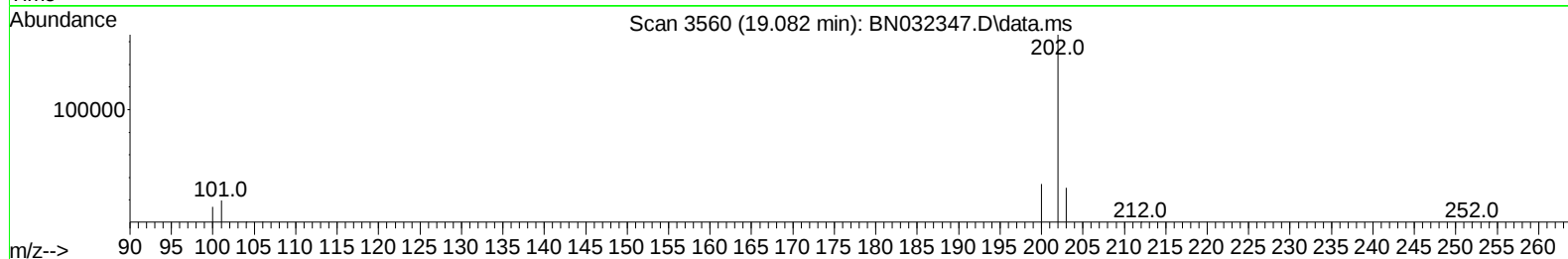
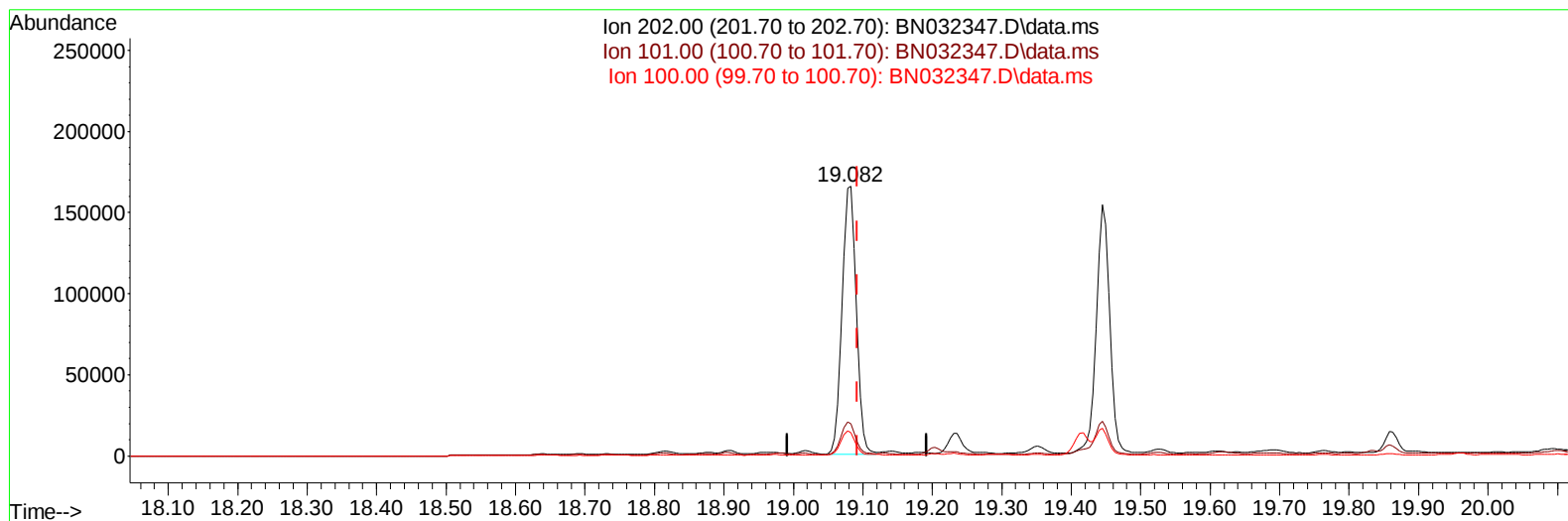
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(19) Fluoranthene (C)

19.082min (-0.010) 3.03 ng/u1 m

response 231454

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.85
100.00	8.00	8.55
0.00	0.00	0.00

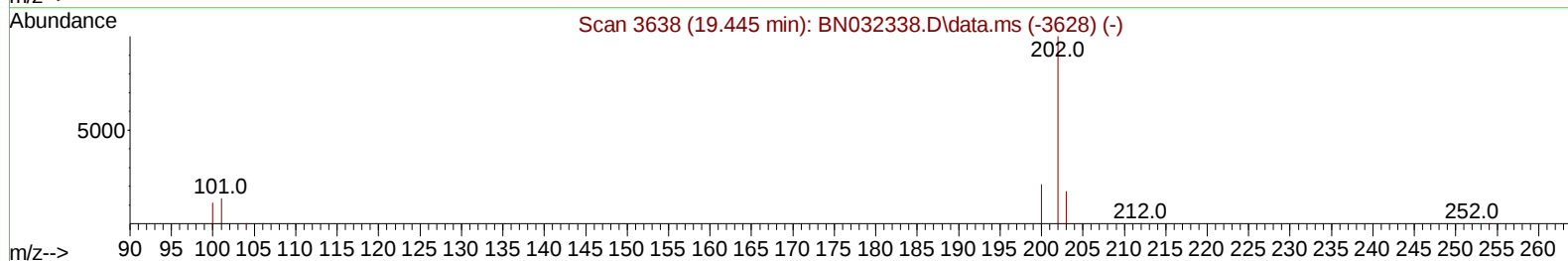
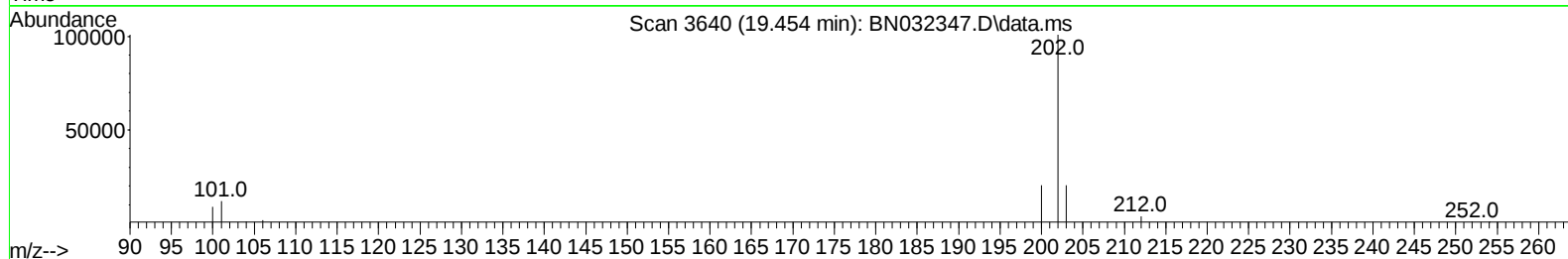
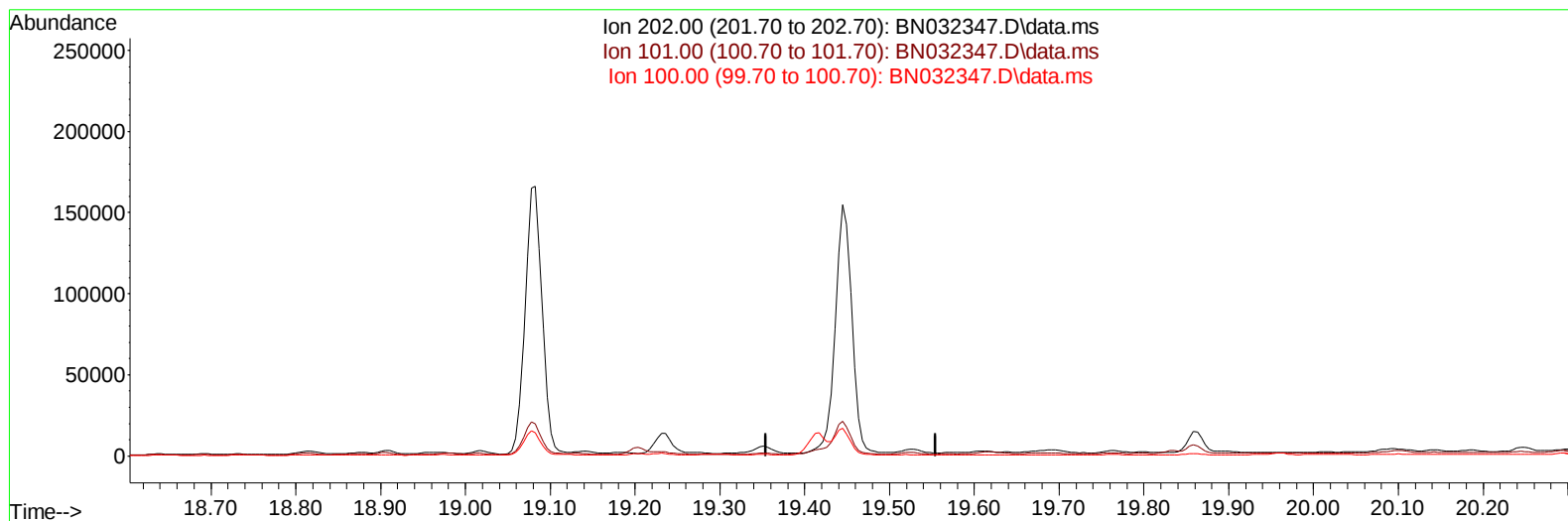
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032347.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

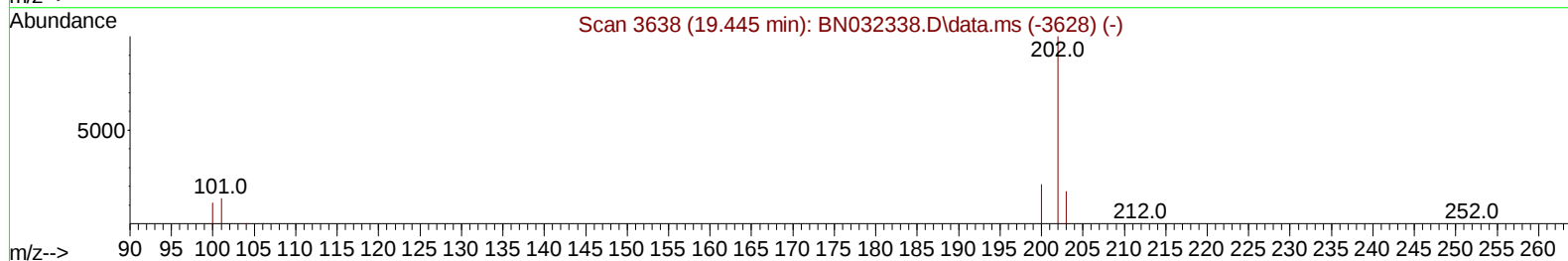
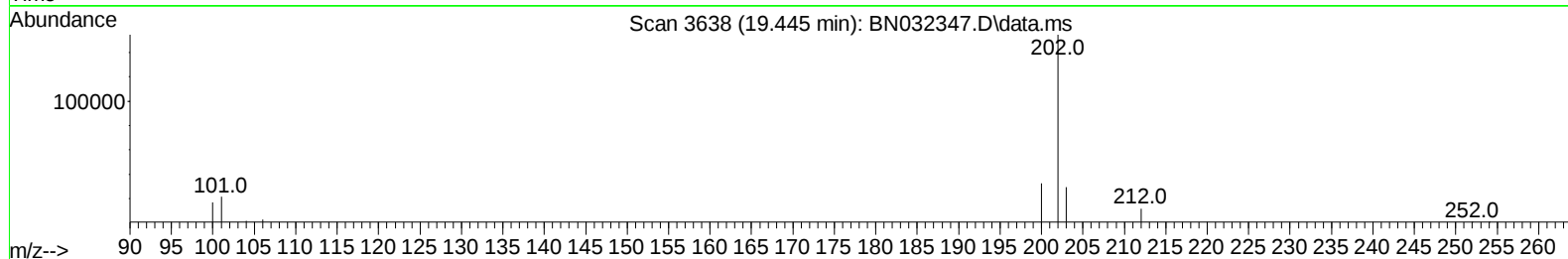
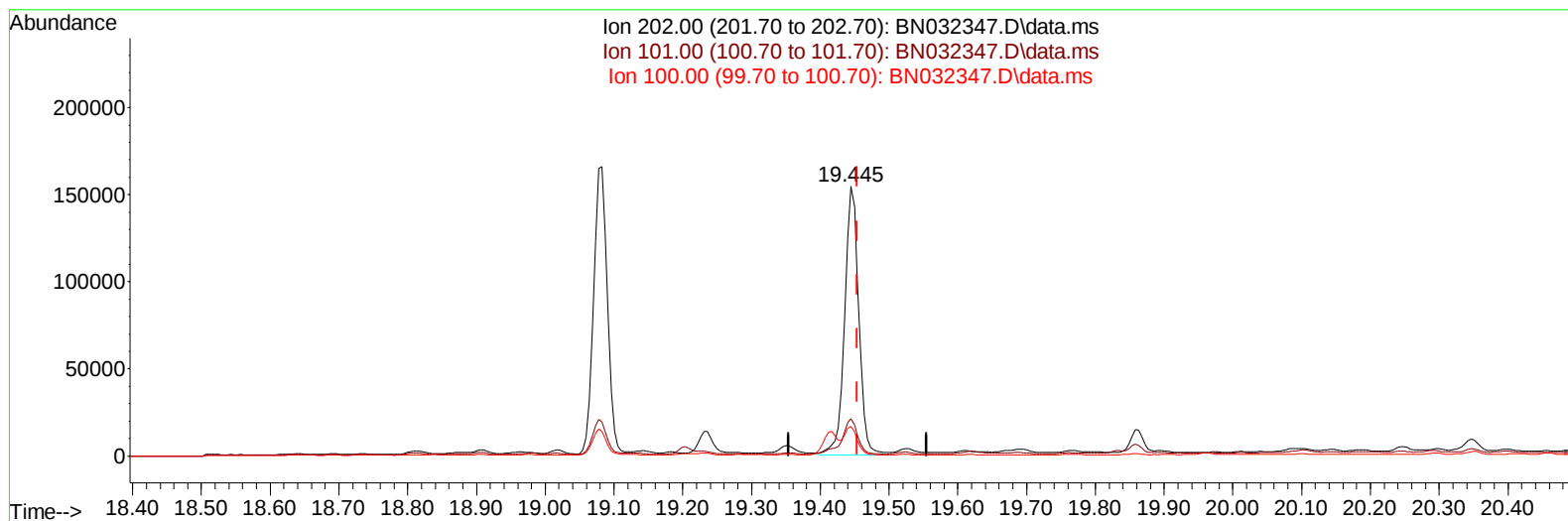
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(20) Pyrene

19.445min (-0.010) 2.69 ng/u1 m

response 214924

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.88
100.00	10.90	11.00
0.00	0.00	0.00

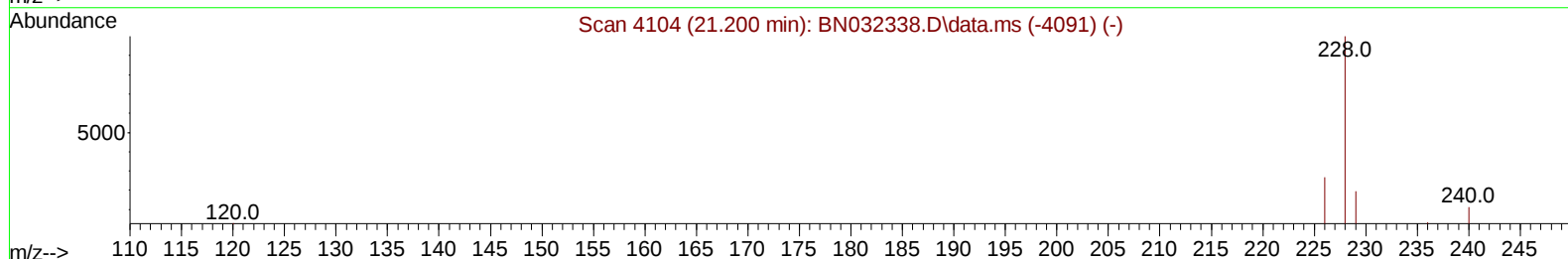
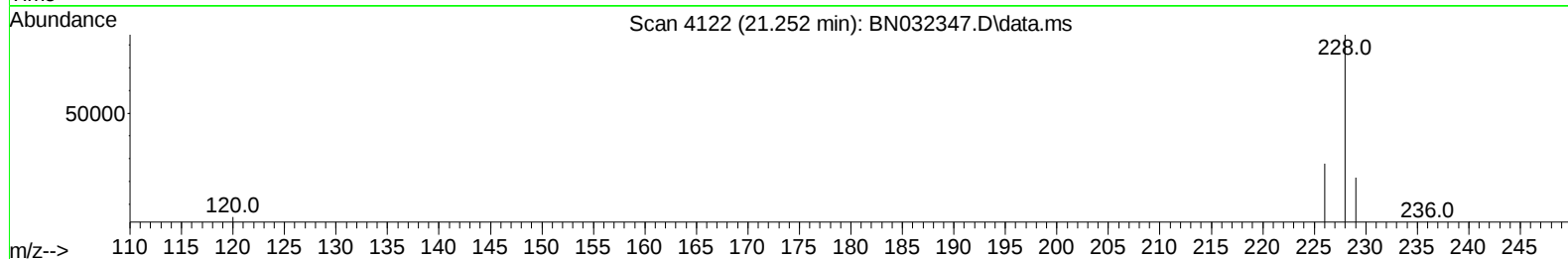
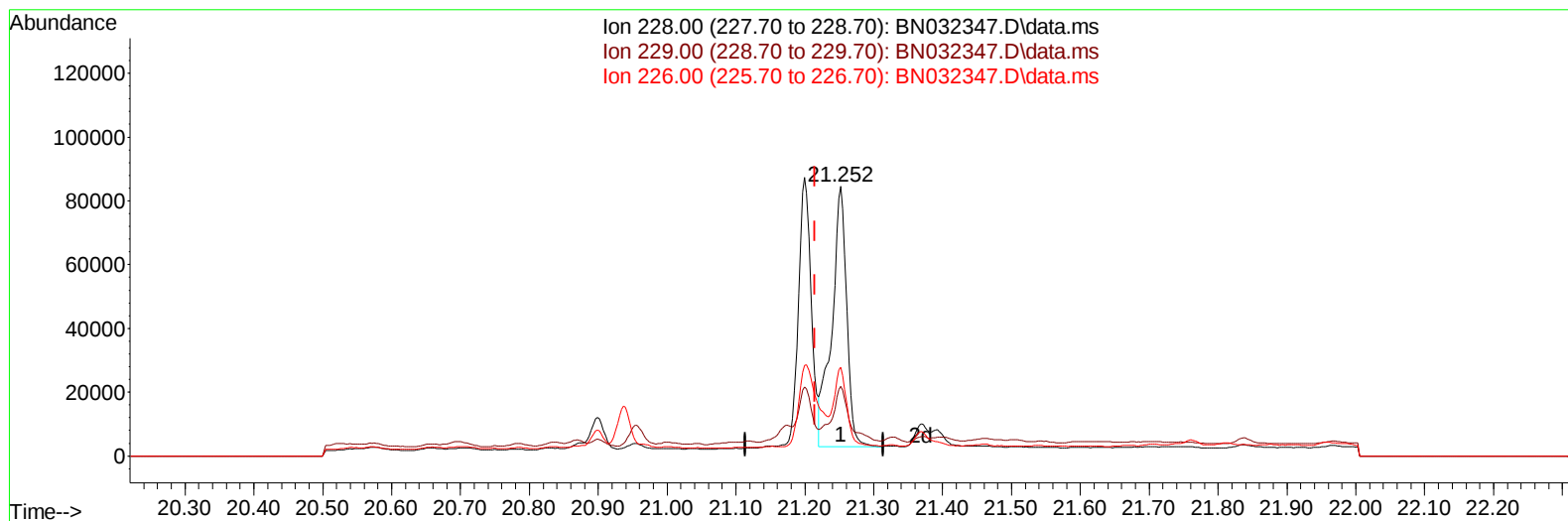
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(21) Benzo(a)anthracene

21.252min (+ 0.038) 1.70 ng/u1

response 123360

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.81#
226.00	27.30	32.91#
0.00	0.00	0.00

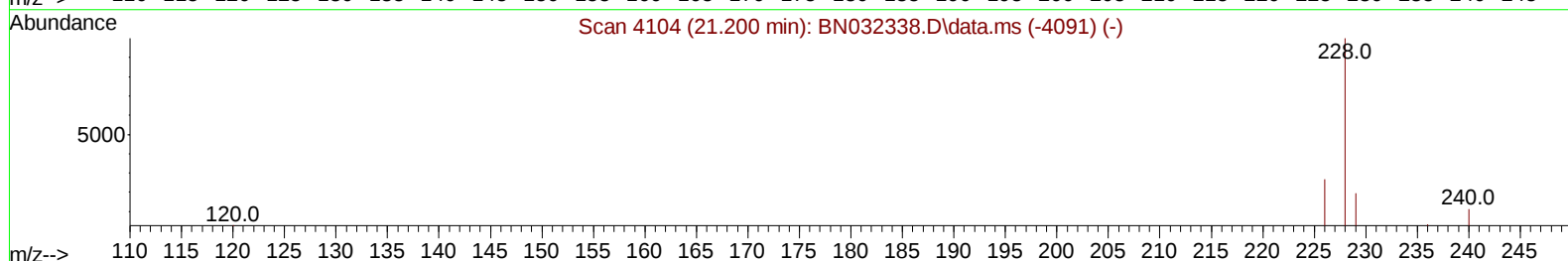
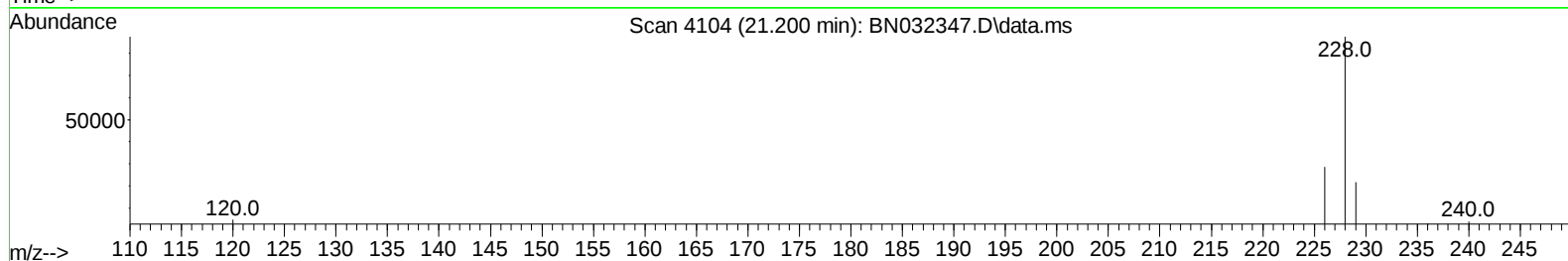
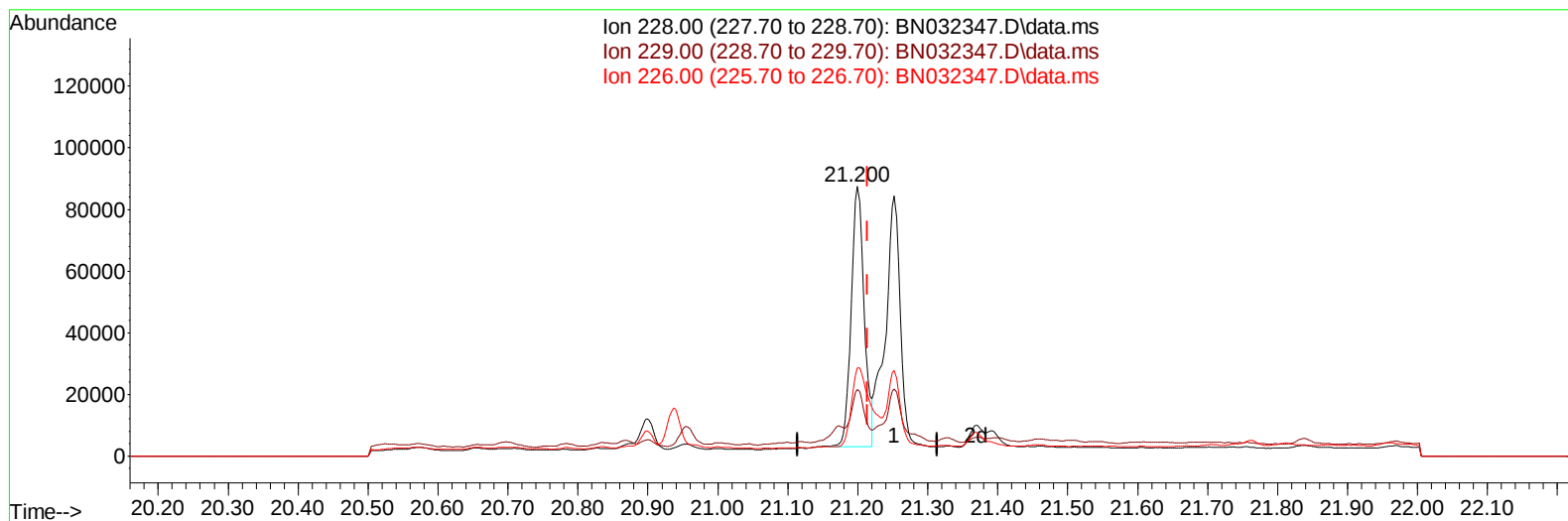
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 1.51 ng/u1 m

response 109253

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.70#
226.00	27.30	32.58
0.00	0.00	0.00

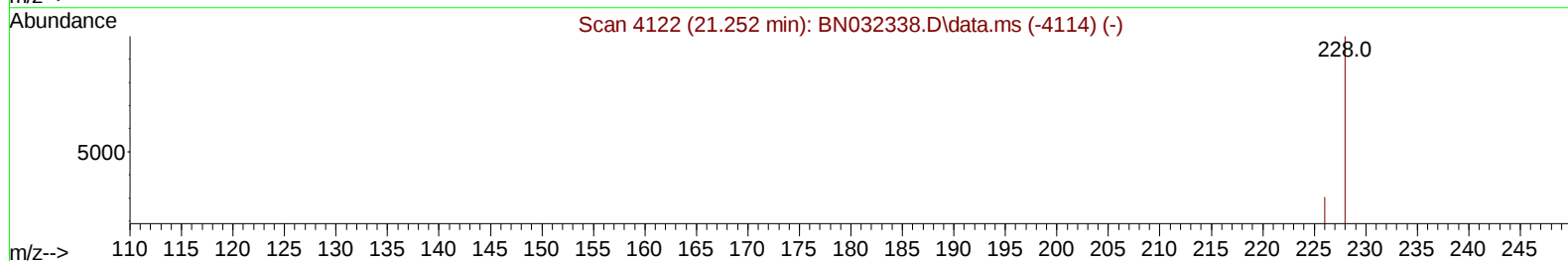
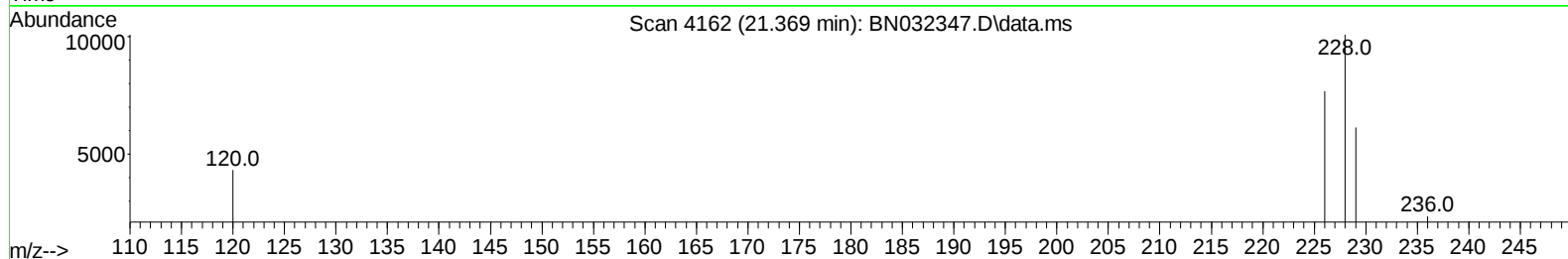
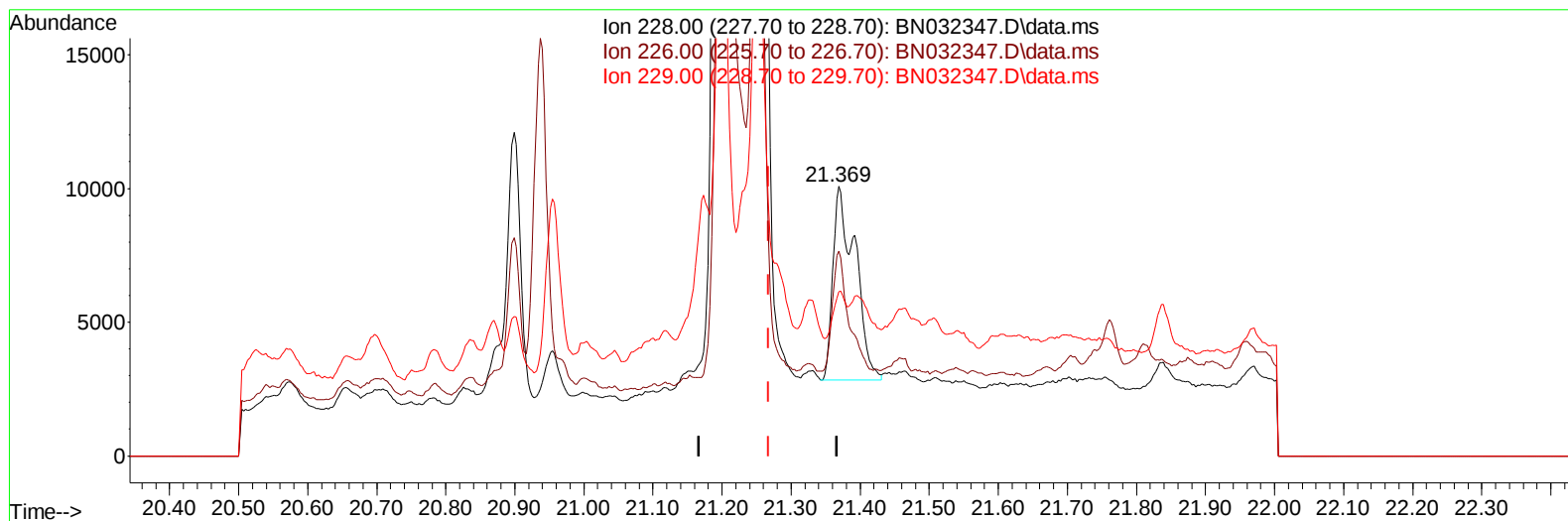
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.20 ng/u1

response 16177

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	76.13#
229.00	19.60	60.98#
0.00	0.00	0.00

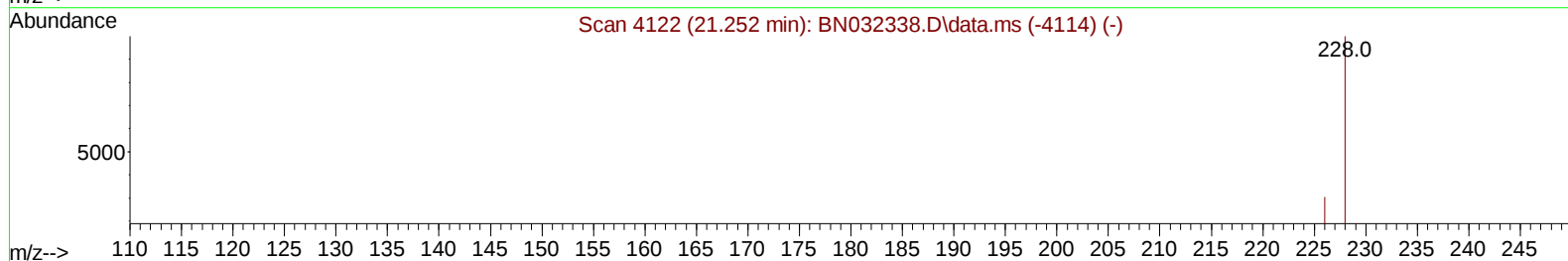
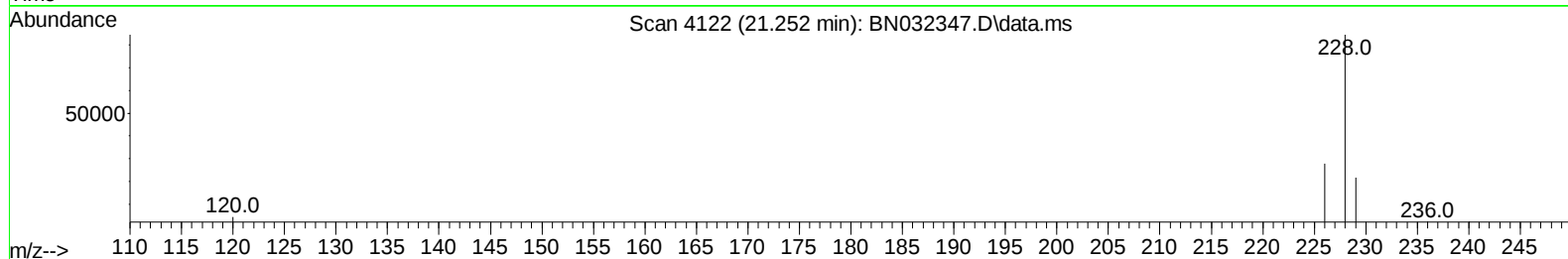
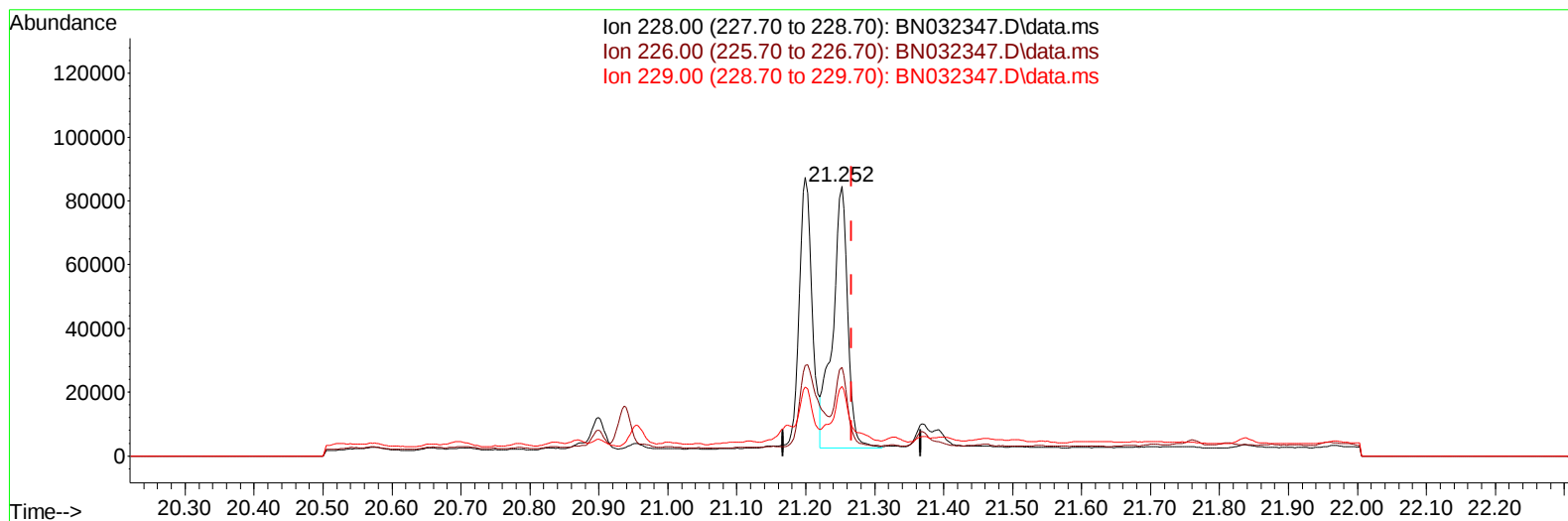
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032347.D\data.ms

(22) Chrysene

21.252min (-0.015) 1.59 ng/u1 m

response 126072

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	32.91
229.00	19.60	25.81#
0.00	0.00	0.00

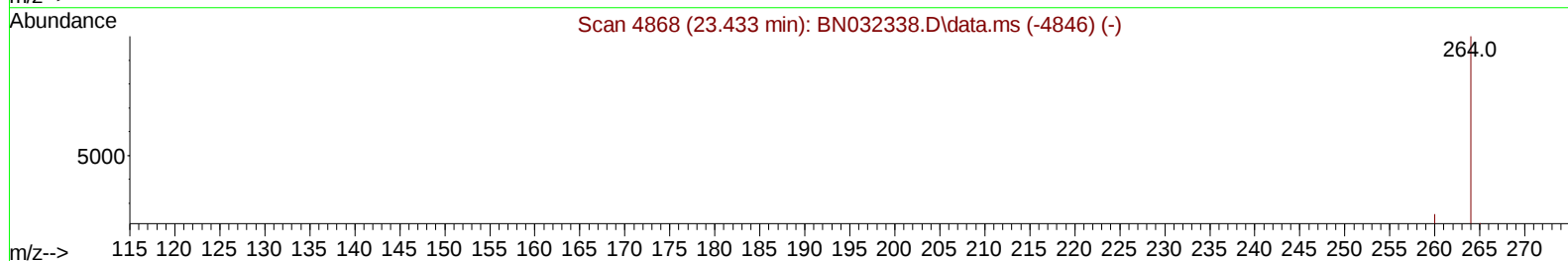
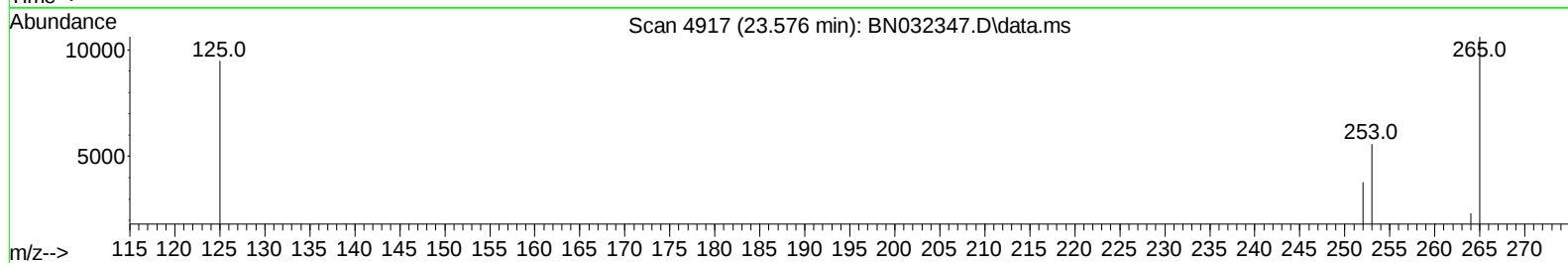
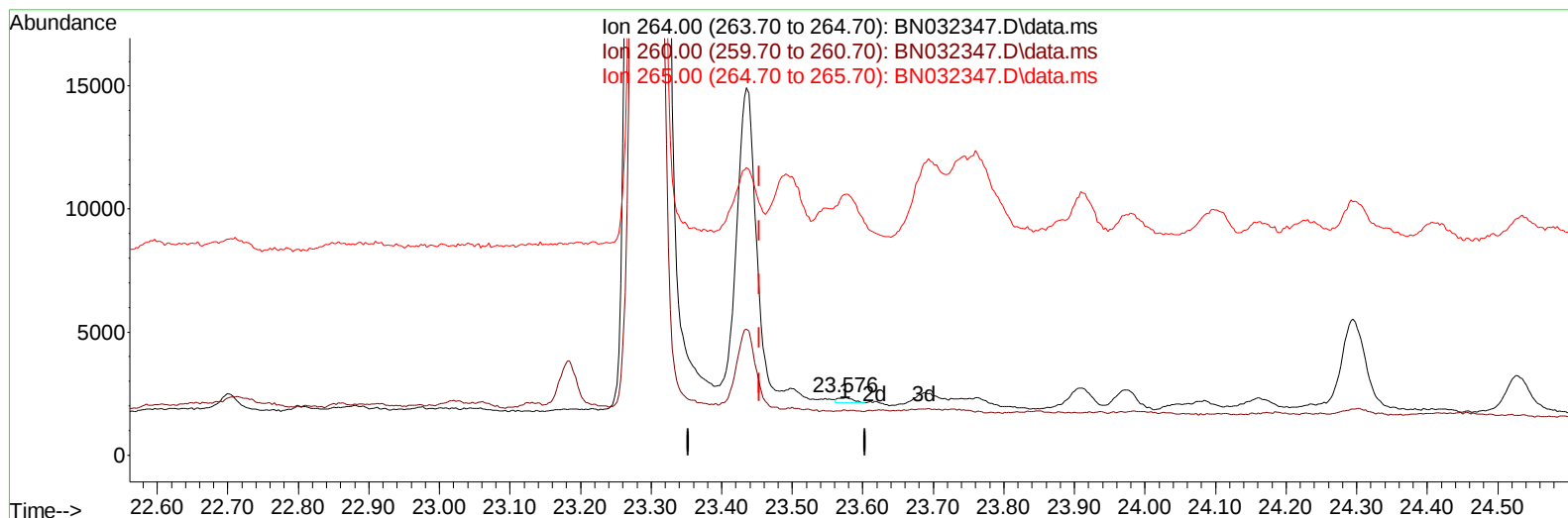
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(23) Perylene-d12 (I)

23.576min (+ 0.123) 0.40 ng/u1

response 320

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	77.83#
265.00	67.20	452.71#
0.00	0.00	0.00

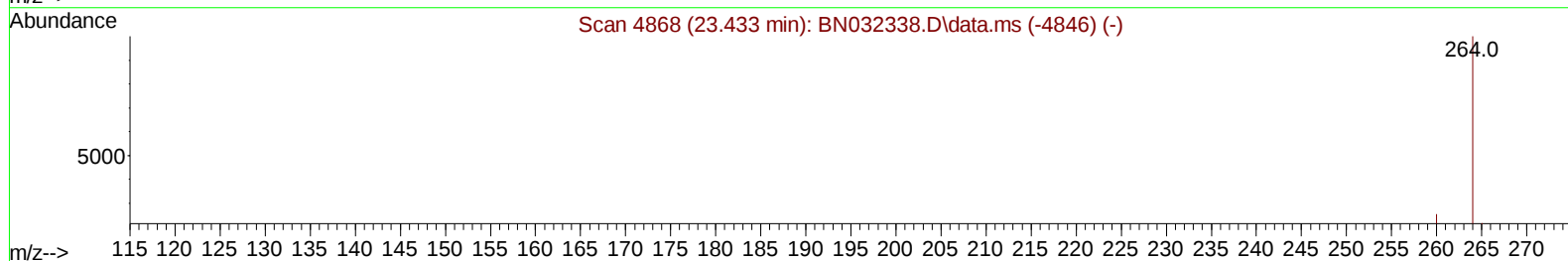
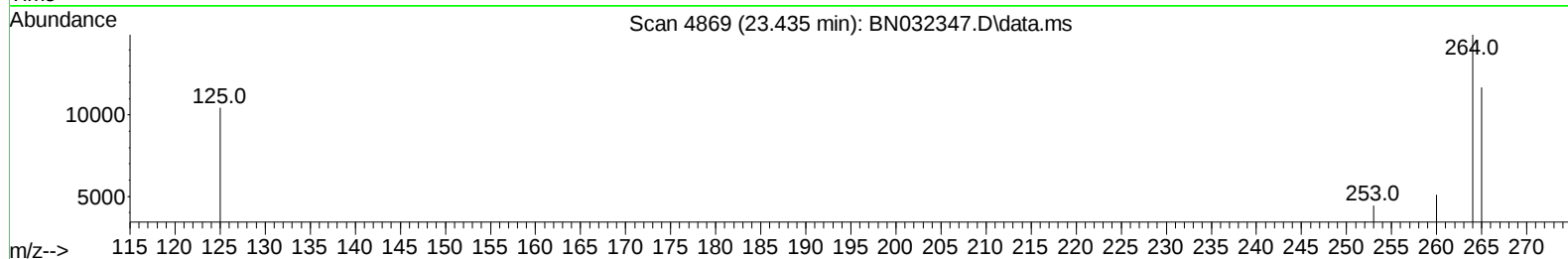
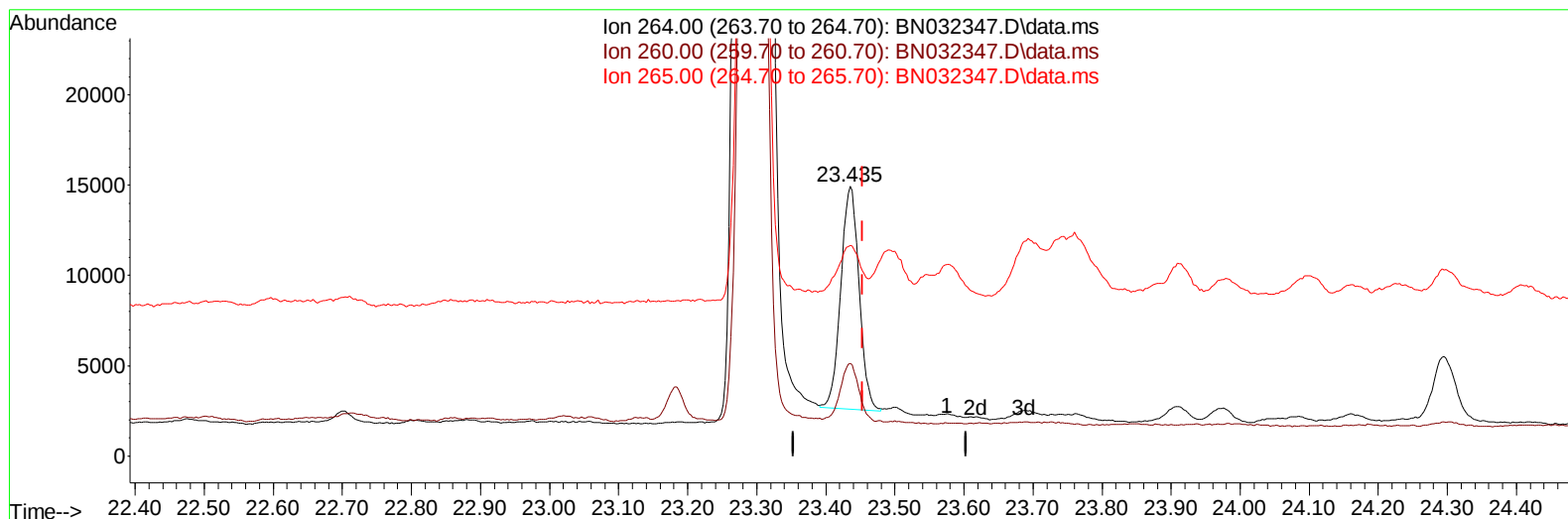
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(23) Perylene-d12 (I)

23.435min (-0.018) 0.40 ng/ul m

response 22601

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	34.32#
265.00	67.20	78.22
0.00	0.00	0.00

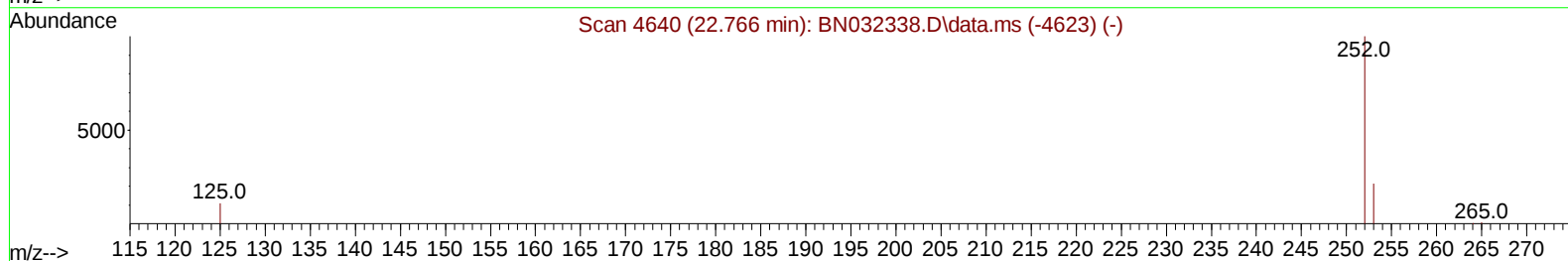
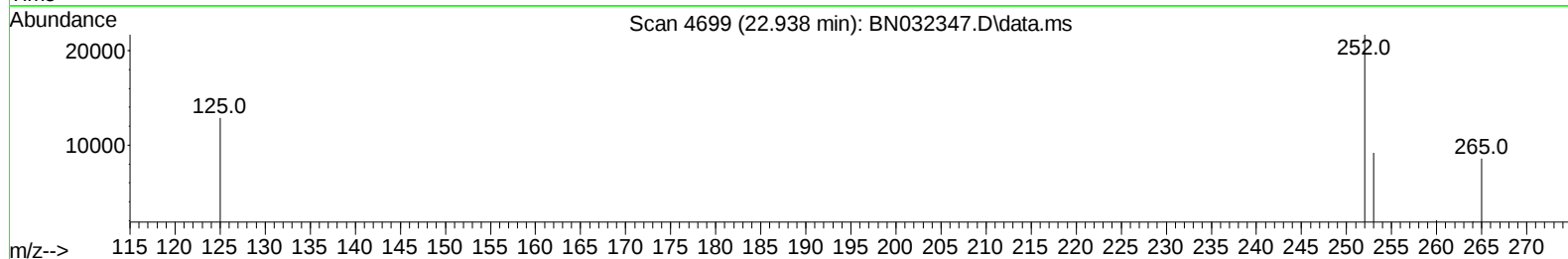
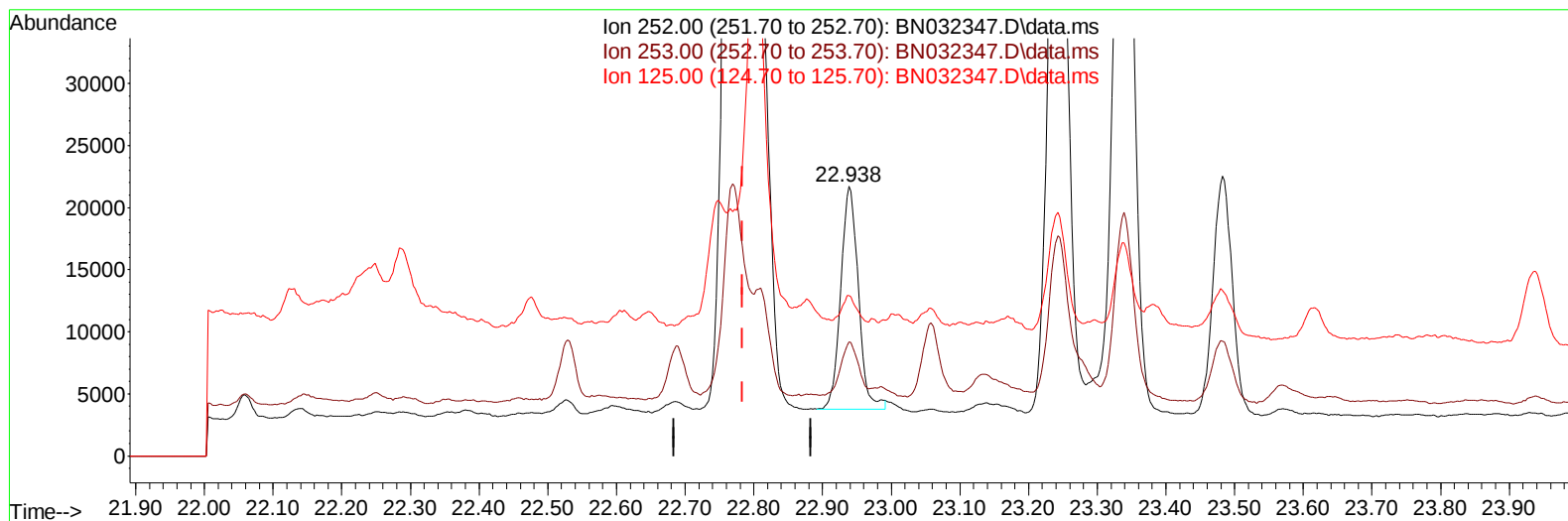
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(24) Benzo(b)fluoranthene

22.938min (+ 0.155) 0.33 ng/u1

response 31977

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	42.33
125.00	16.00	59.43#
0.00	0.00	0.00

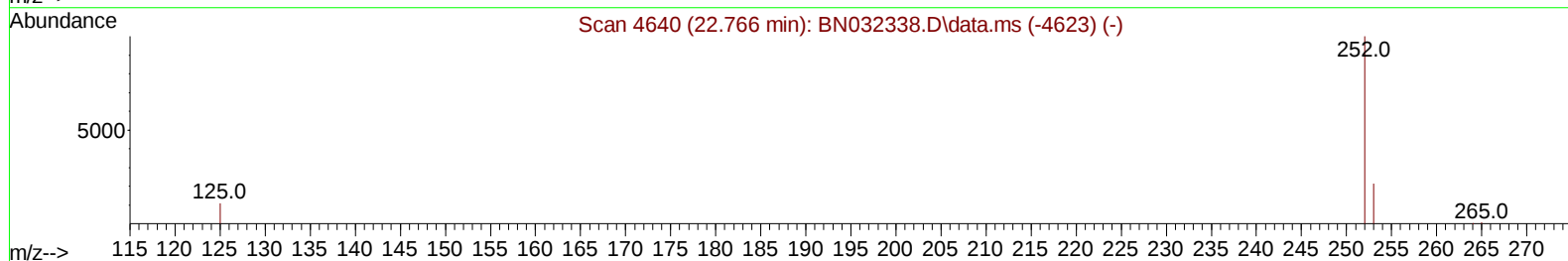
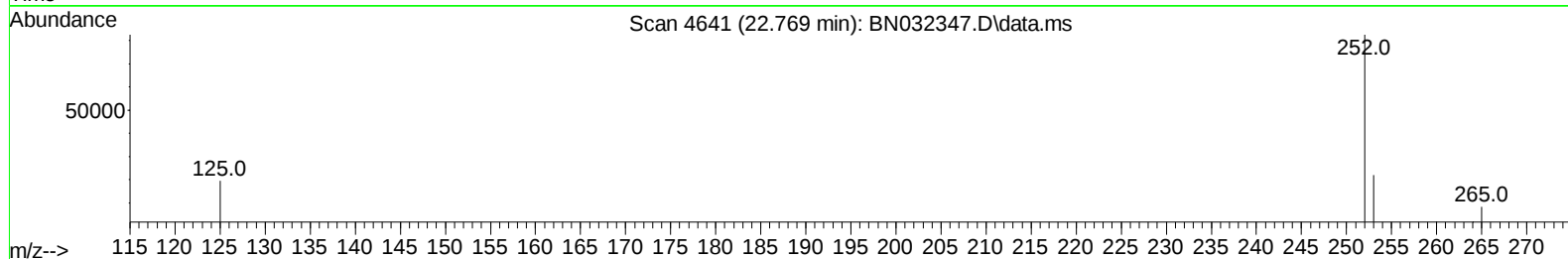
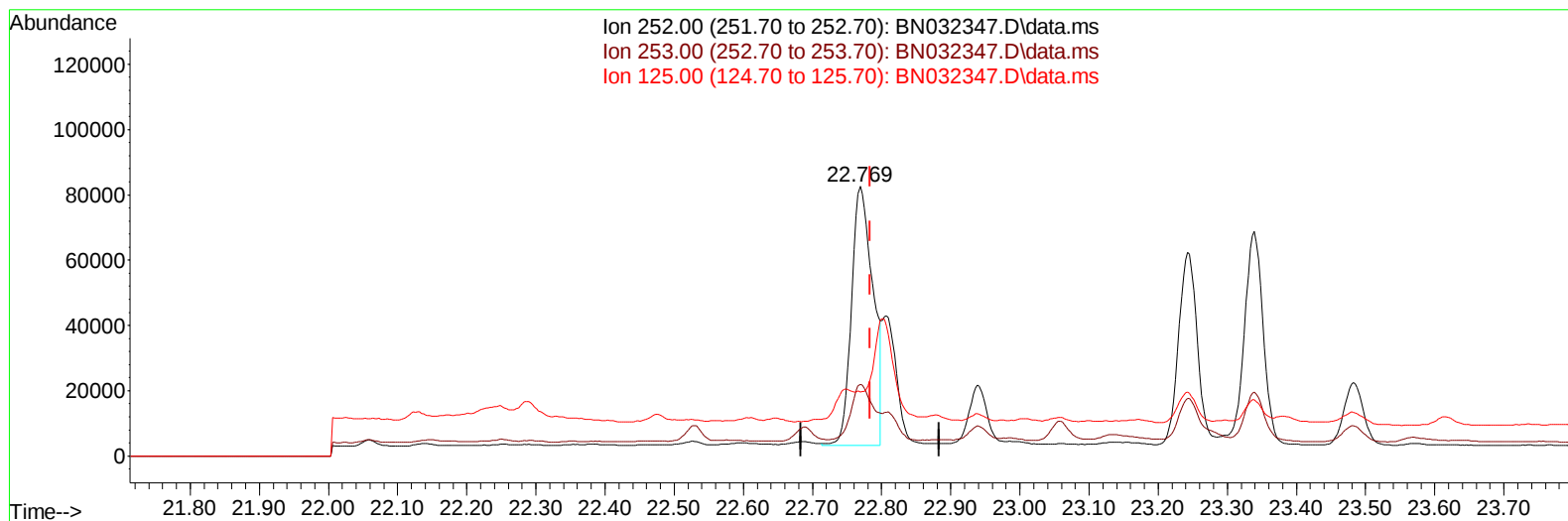
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 1.76 ng/u1 m

response 172515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	26.56
125.00	16.00	23.84
0.00	0.00	0.00

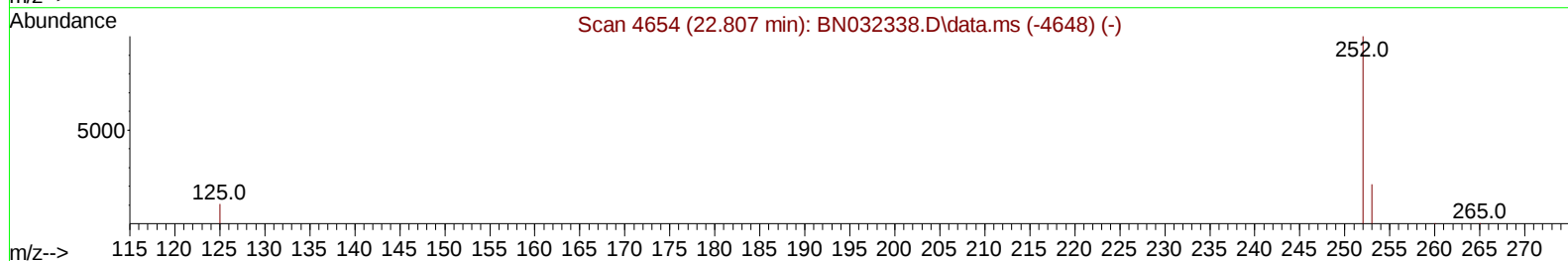
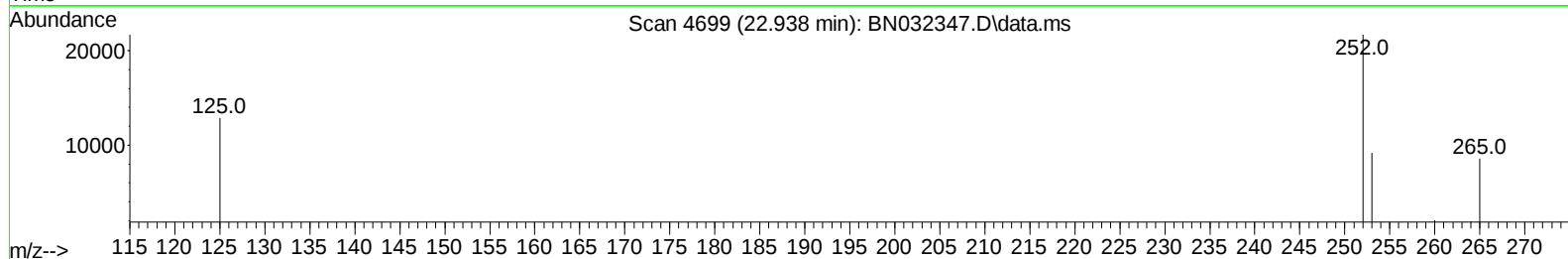
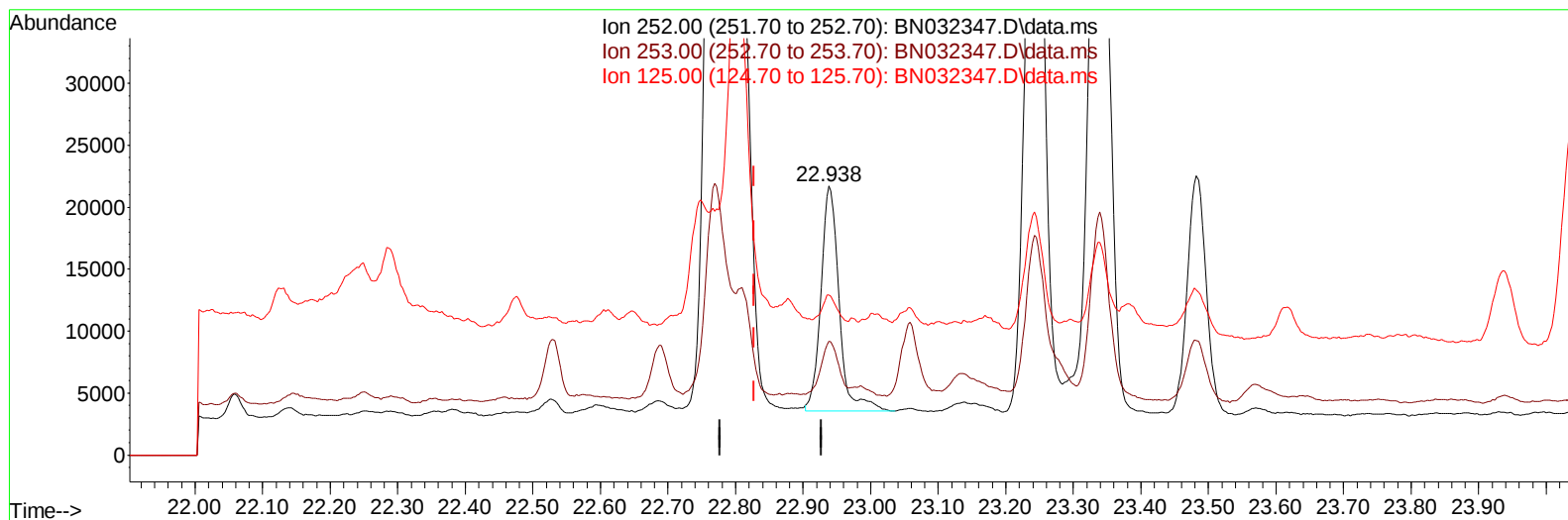
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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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TIC: BN032347.D\data.ms

(25) Benzo(k)fluoranthene

22.938min (+ 0.111) 0.36 ng/u1

response 33925

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	42.33#
125.00	16.00	59.43#
0.00	0.00	0.00

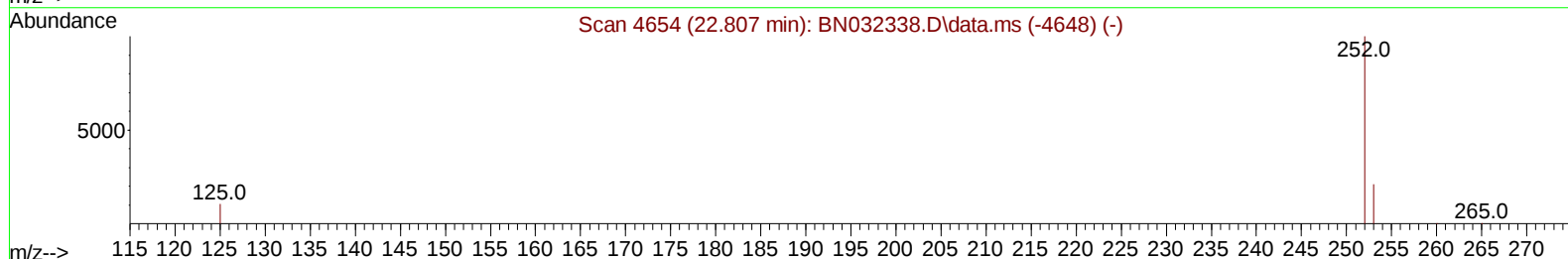
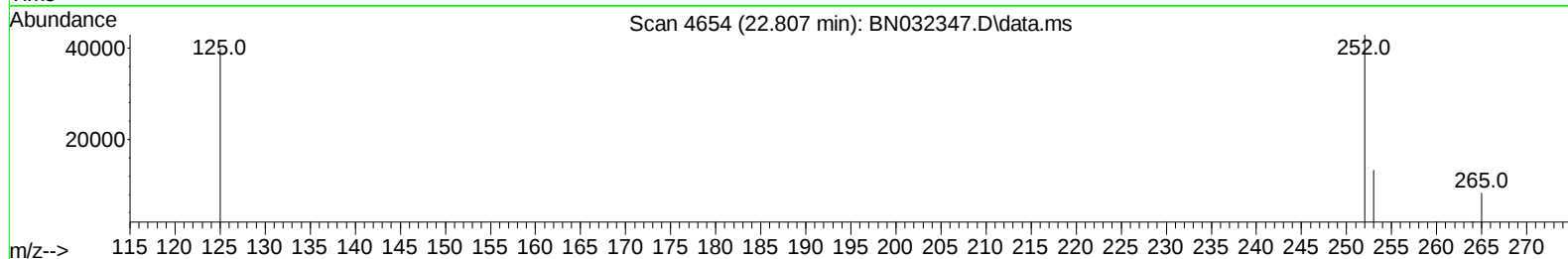
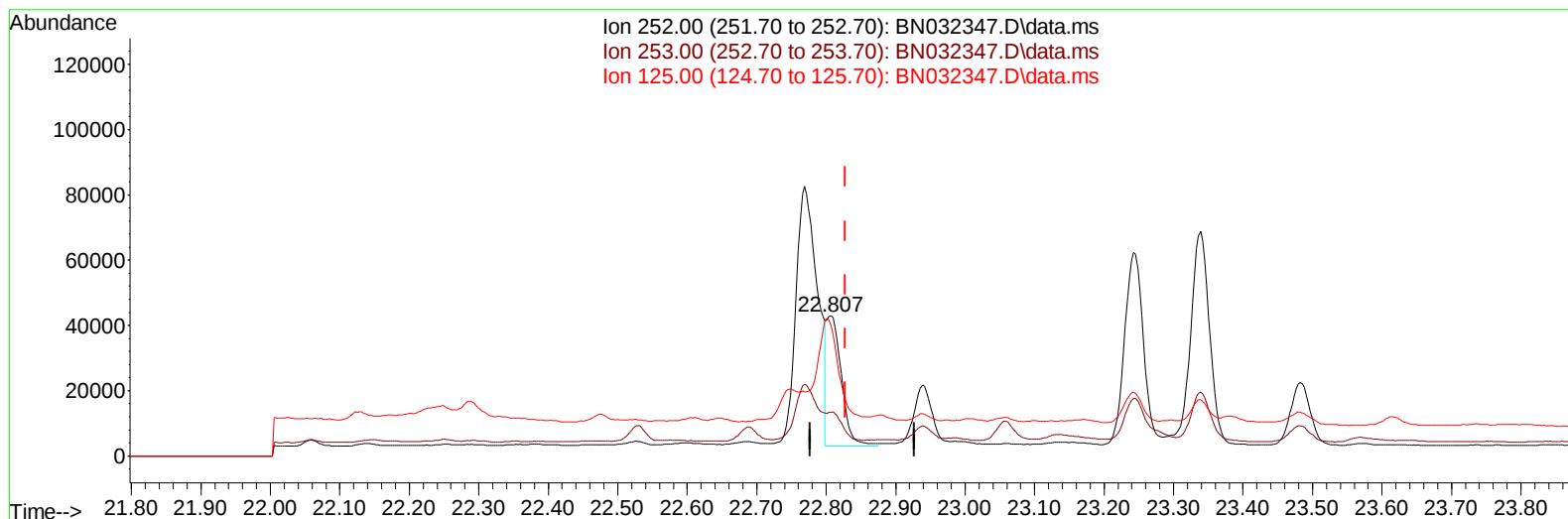
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 0.63 ng/u1 m

response 59777

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	31.29#
125.00	16.00	92.80#
0.00	0.00	0.00

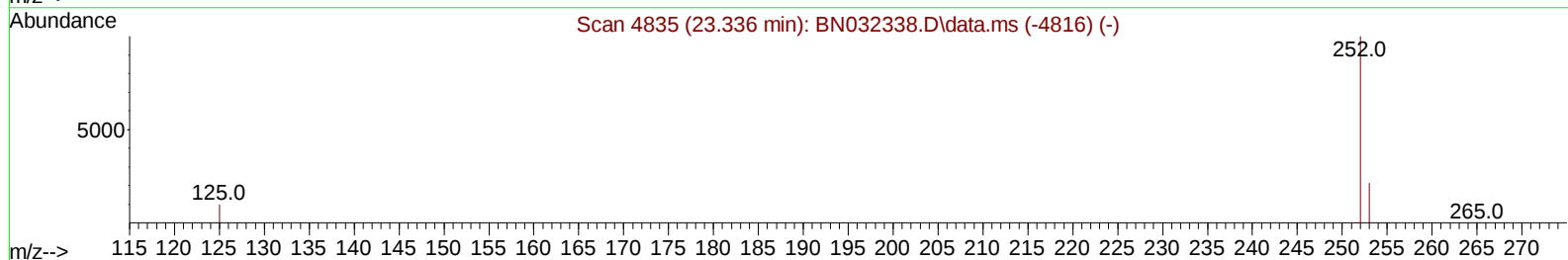
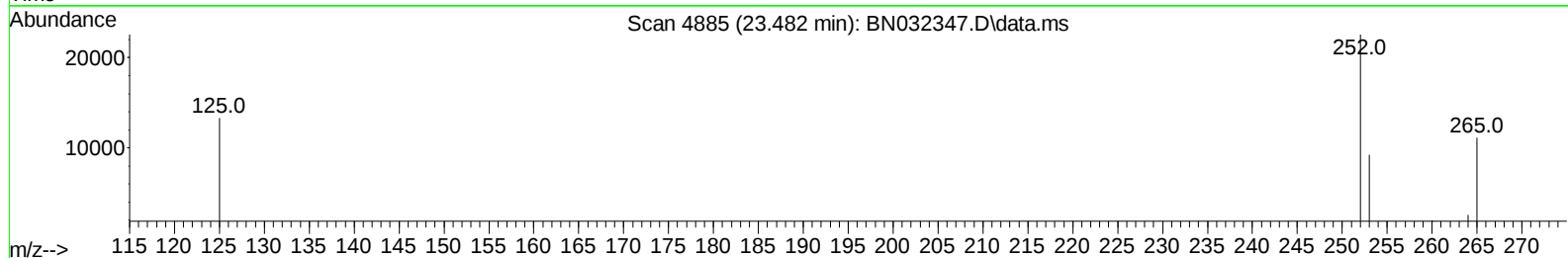
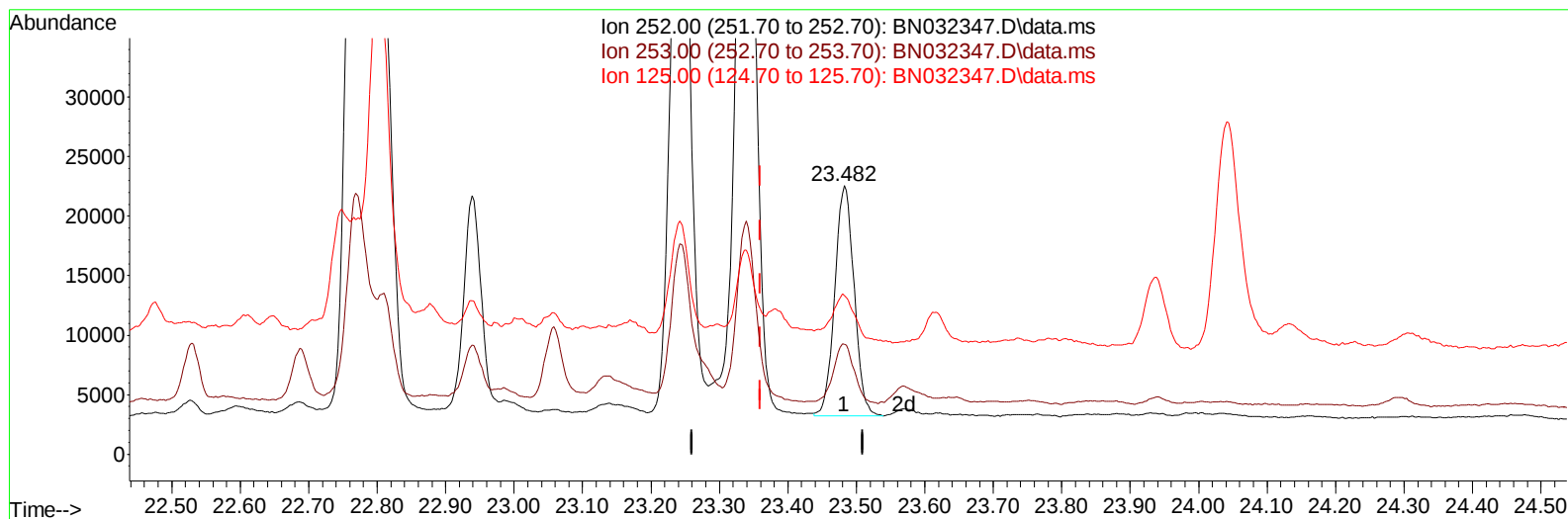
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032347.D\data.ms

(26) Benzo(a)pyrene (C)

23.482min (+ 0.123) 0.55 ng/u1

response 37873

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	40.91#
125.00	20.50	59.02#
0.00	0.00	0.00

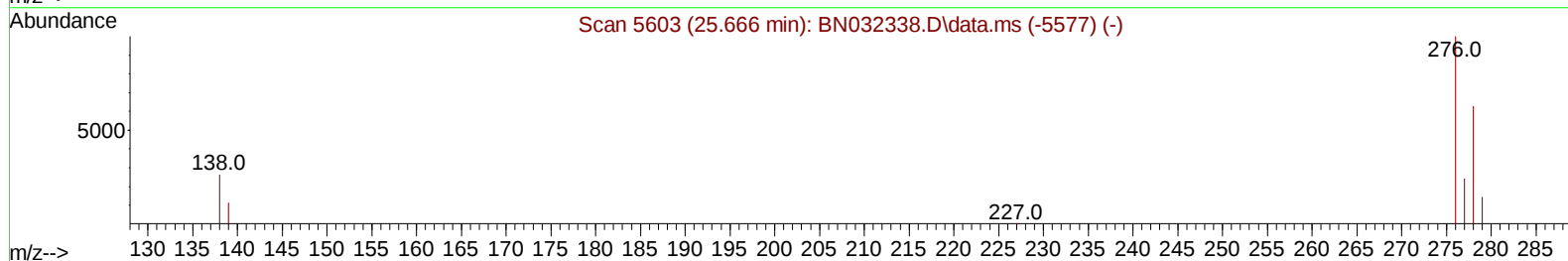
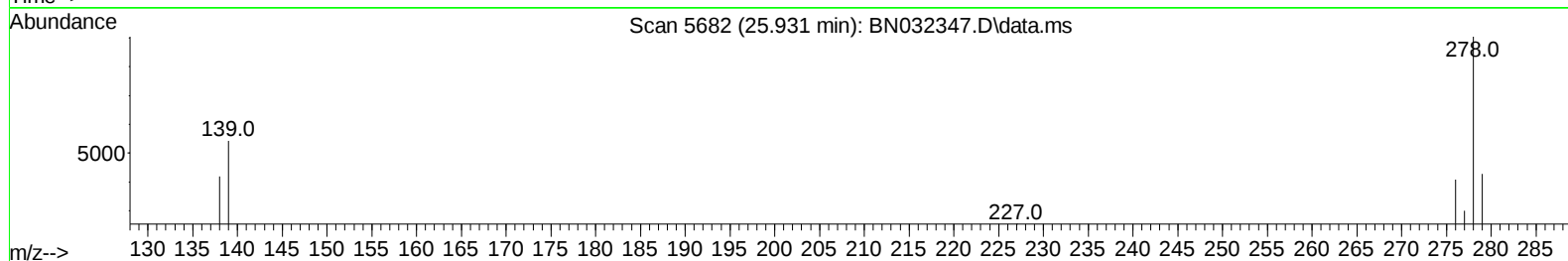
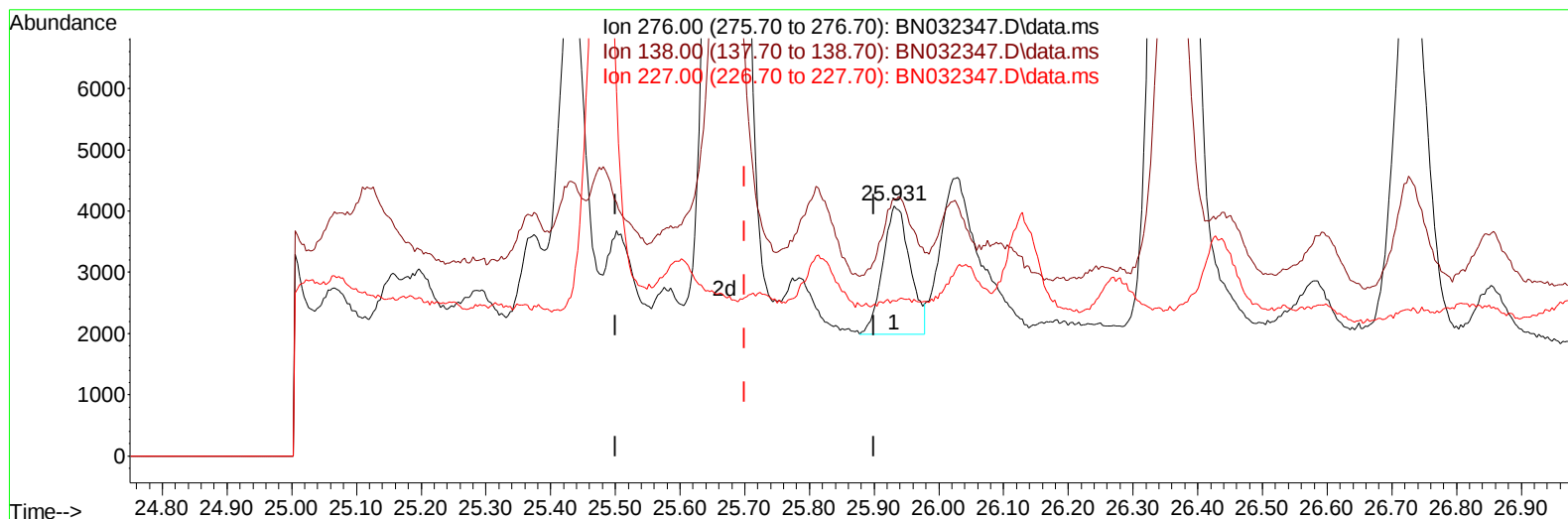
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

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

25.931min (+ 0.231) 0.06 ng/u1

response 6156

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	70.71#
227.00	0.10	1.56#
0.00	0.00	0.00

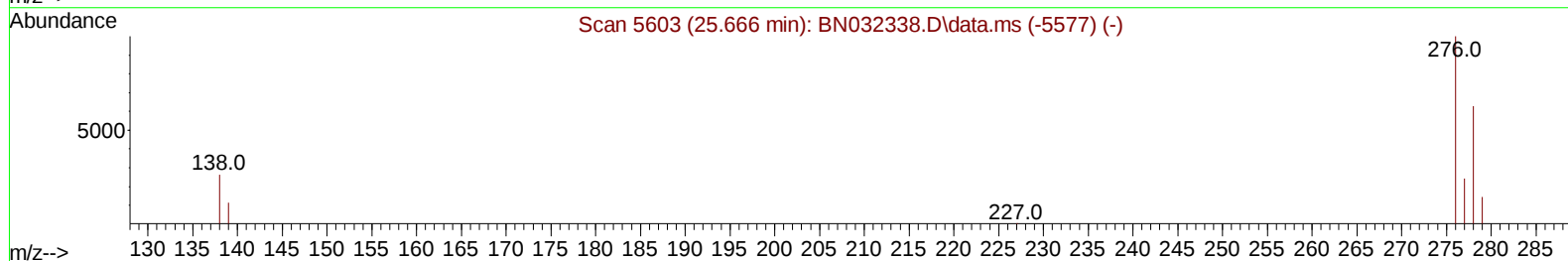
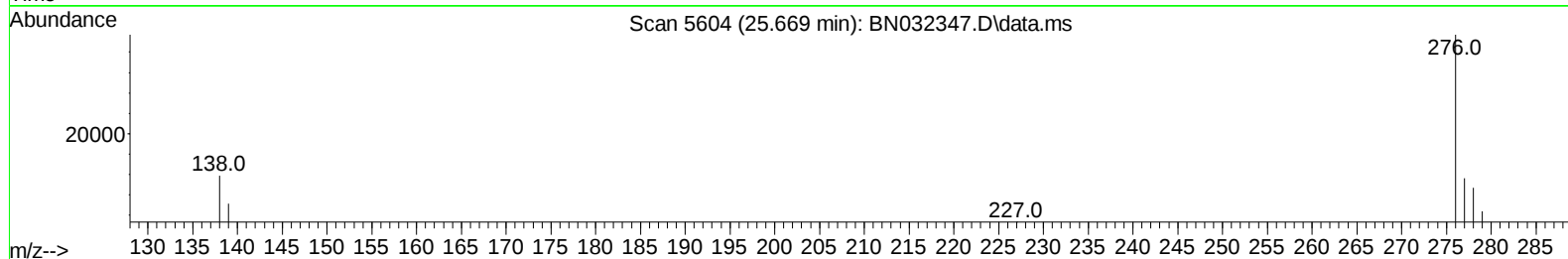
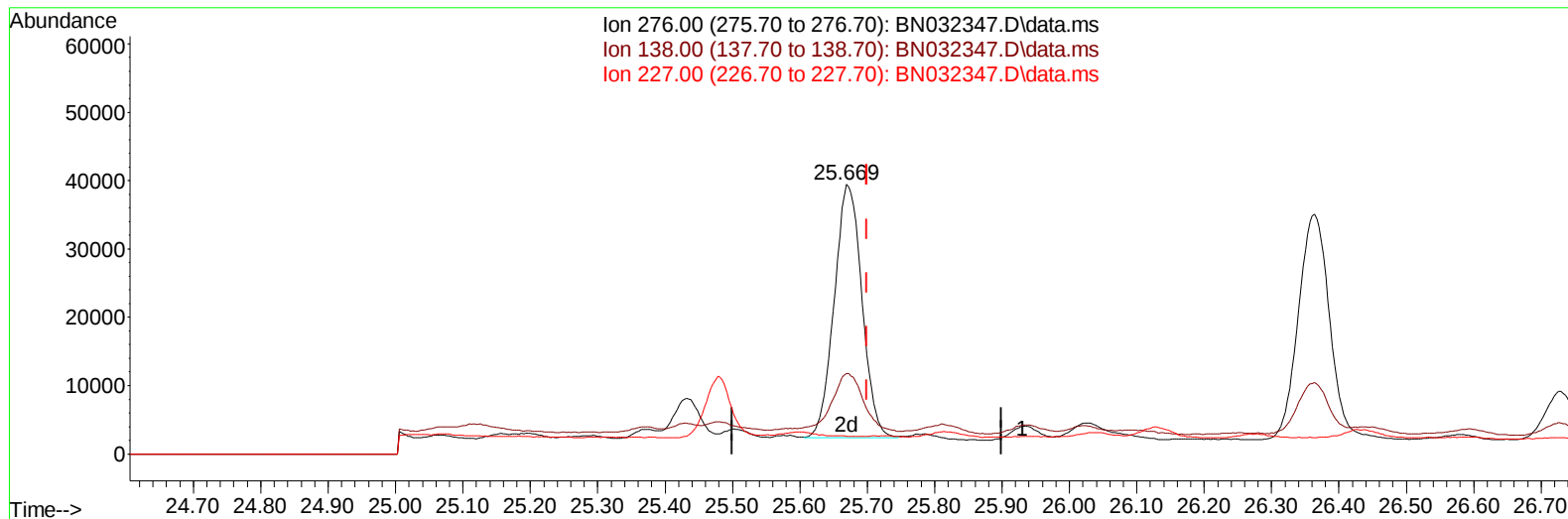
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

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

25.669min (-0.030) 0.99 ng/u1 m

response 105511

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.13#
227.00	0.10	0.09
0.00	0.00	0.00

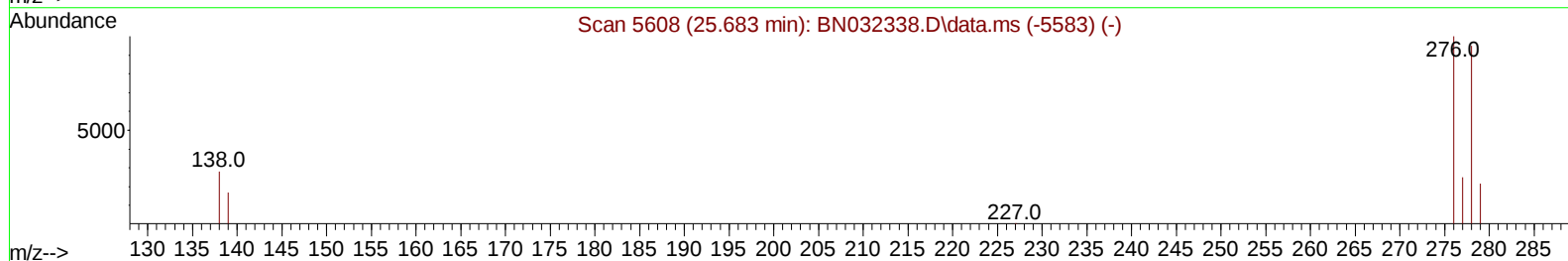
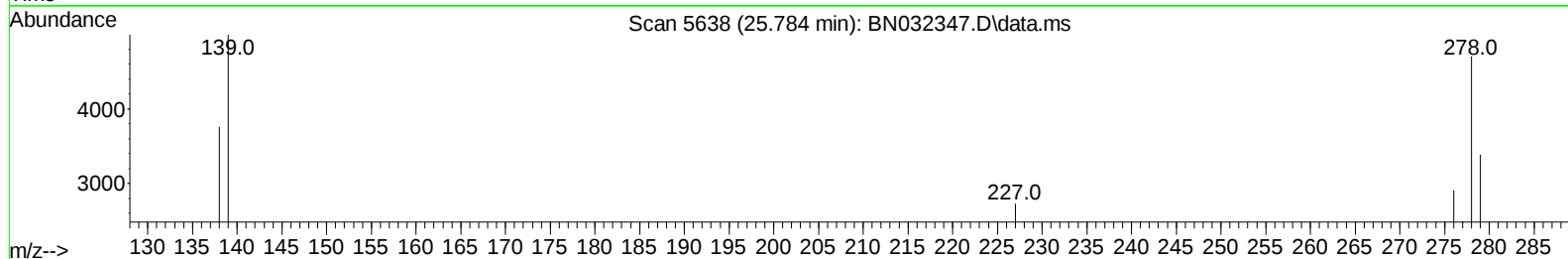
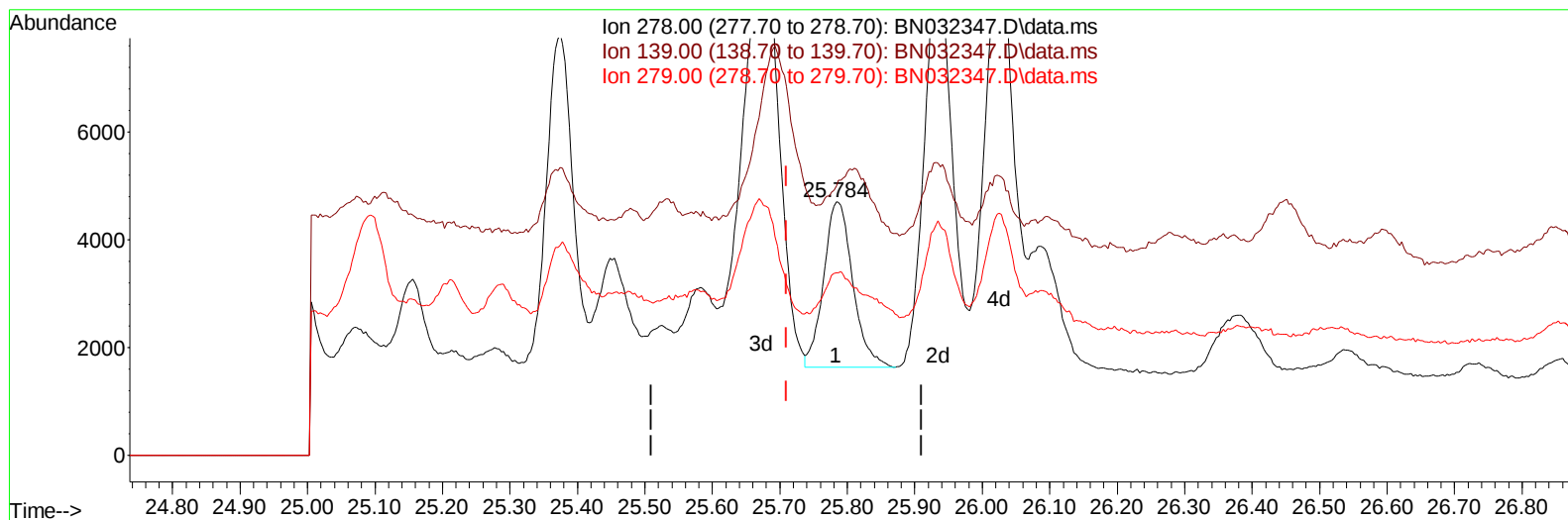
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

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TIC: BN032347.D\data.ms

(28) Dibenzo(a,h)anthracene

25.784min (+ 0.074) 0.12 ng/u1

response 9146

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	106.10#
279.00	26.40	71.89#
0.00	0.00	0.00

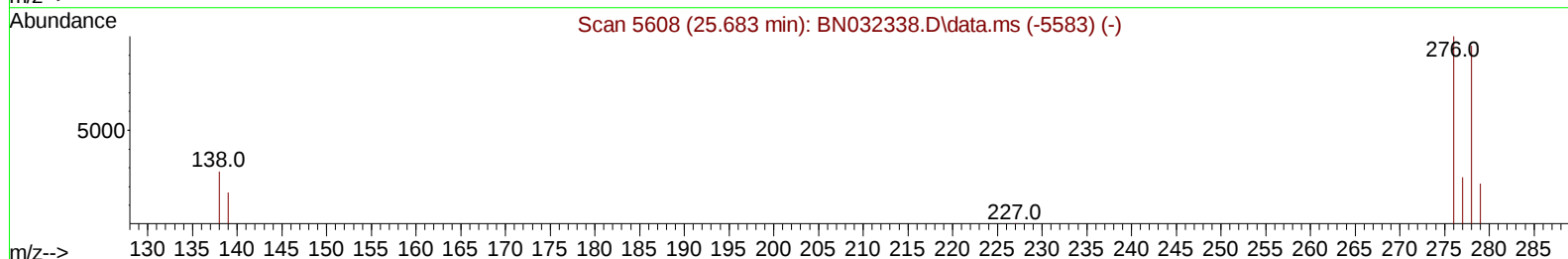
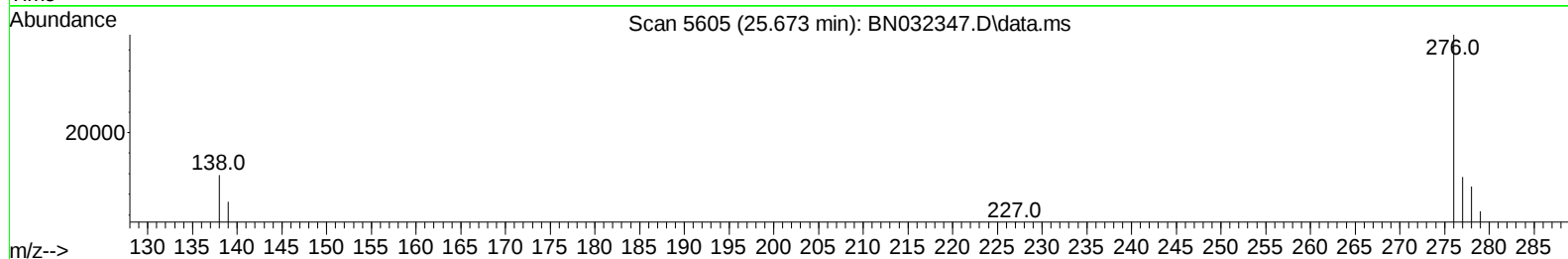
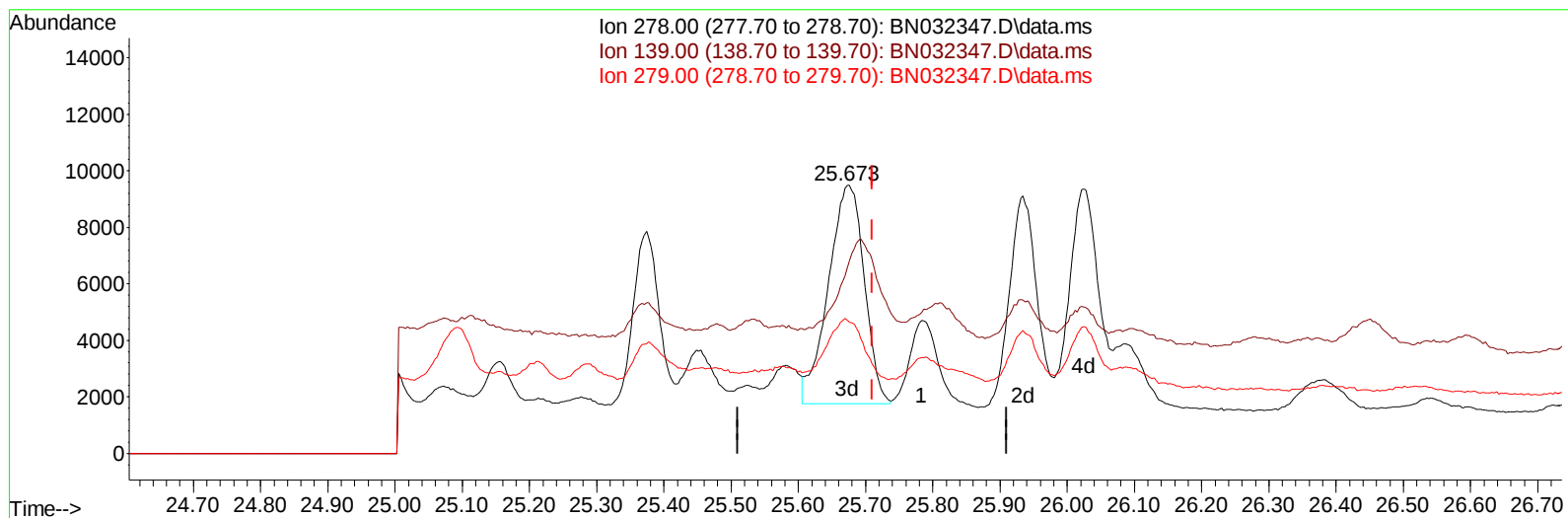
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 2024
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TIC: BN032347.D\data.ms

(28) Dibenzo(a,h)anthracene

25.673min (-0.037) 0.36 ng/ul m

response 28643

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	69.47#
279.00	26.40	49.59#
0.00	0.00	0.00

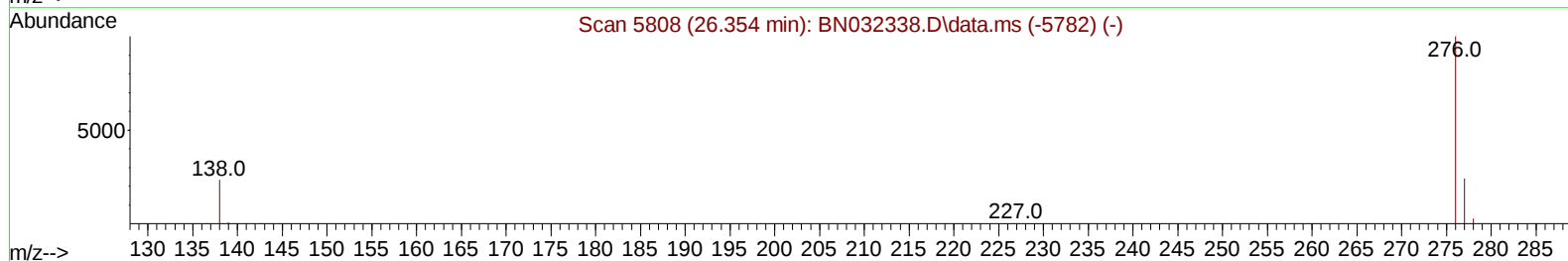
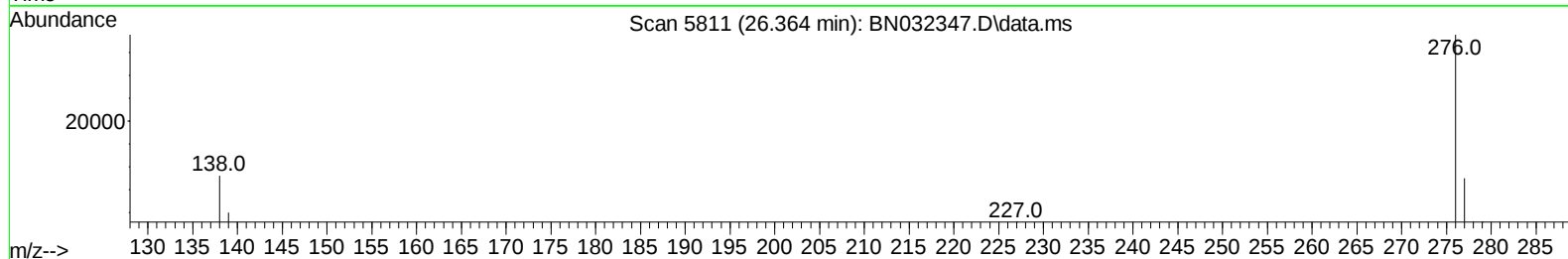
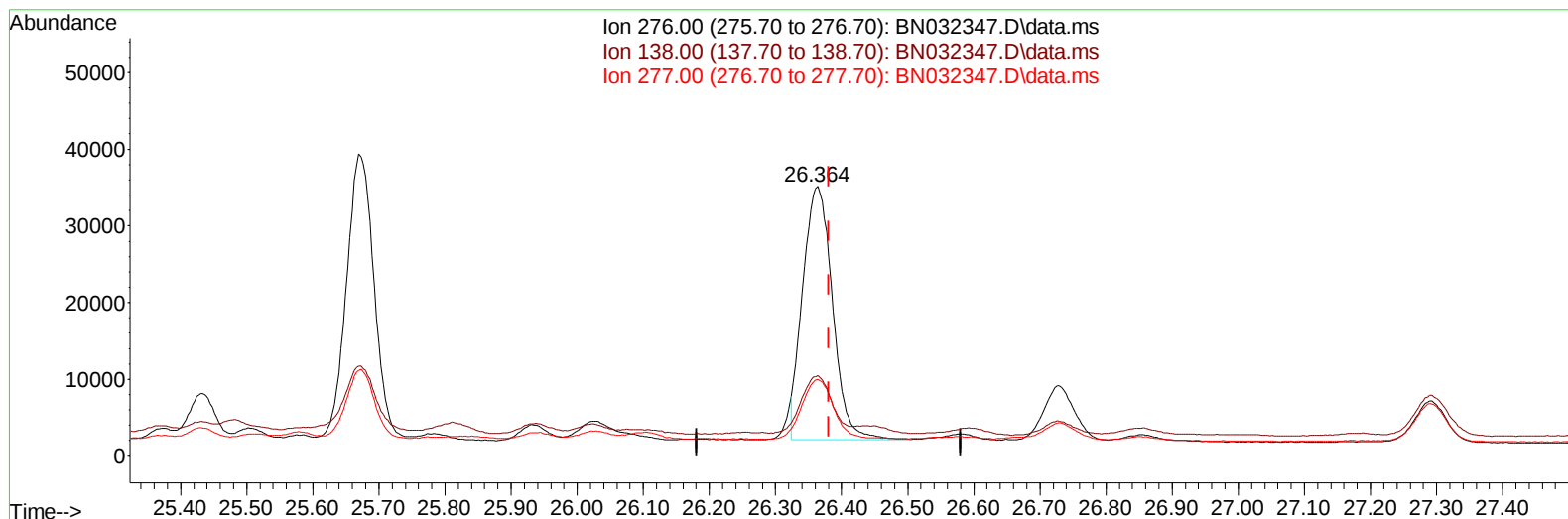
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

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TIC: BN032347.D\data.ms

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

26.364min (-0.017) 1.21 ng/u1

response 102957

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	29.78#
277.00	24.70	28.53
0.00	0.00	0.00

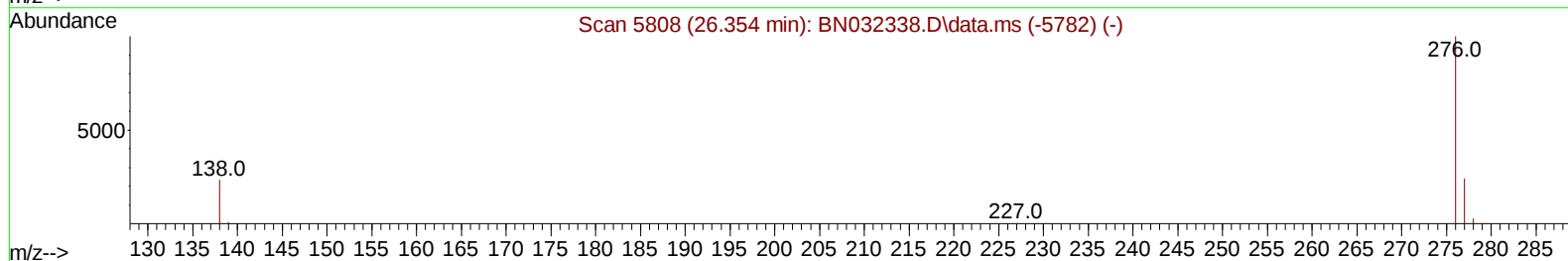
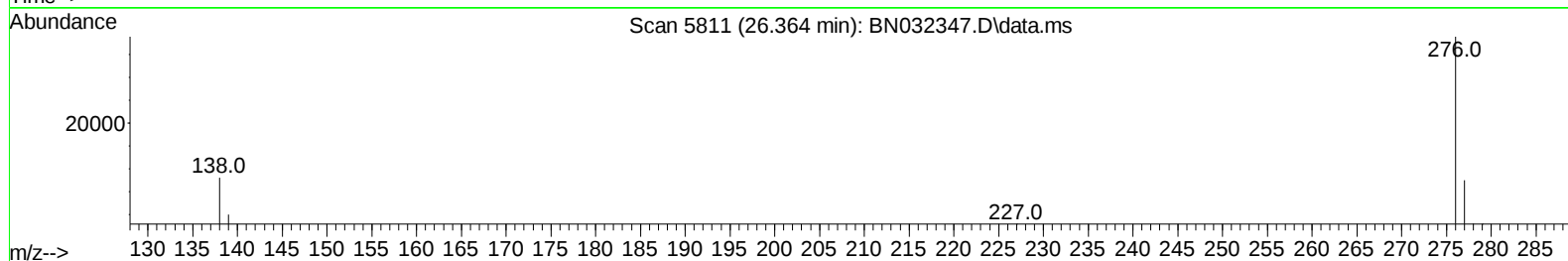
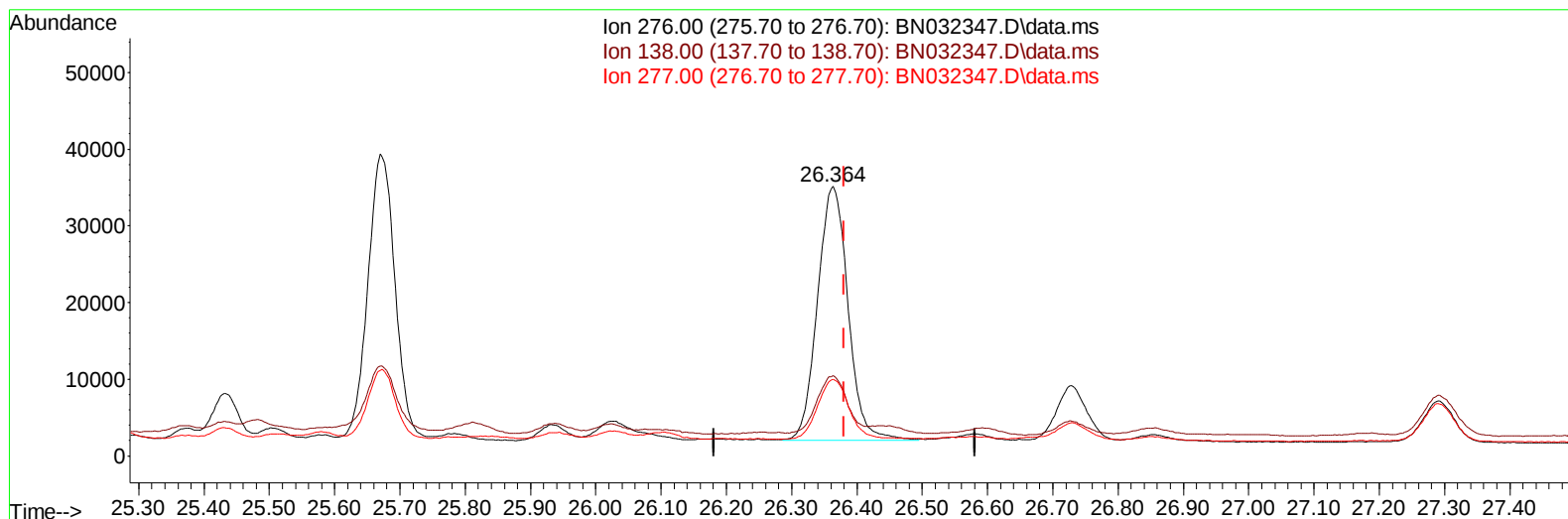
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:45 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: BN032347.D\data.ms

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

26.364min (-0.017) 1.27 ng/ul m

response 107867

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	29.78#
277.00	24.70	28.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Manual IntegrationsAPPROVED

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

Quant Time: Jun 30 23:04:45 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	7.611	152	9339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29885	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	18210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	33633m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	20064m	0.400	ng/ul	0.00
23) Perylene-d12	23.435	264	22601m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	31349	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9746	0.217	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	15186m	0.252	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	19017	0.240	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	6697	0.128	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	3924	0.072	ng/ul	98
10) Acenaphthylene	13.980	152	32182	0.425	ng/ul	99
11) Acenaphthene	14.318	153	5281	0.090	ng/ul	96
12) Fluorene	15.317	166	9149	0.131	ng/ul#	95
15) Phenanthrene	17.054	178	149494m	1.621	ng/ul	
16) Anthracene	17.147	178	39973m	0.486	ng/ul	
19) Fluoranthene	19.082	202	231454m	3.029	ng/ul	
20) Pyrene	19.445	202	214924m	2.692	ng/ul	
21) Benzo(a)anthracene	21.200	228	109253m	1.509	ng/ul	
22) Chrysene	21.252	228	126072m	1.586	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	172515m	1.757	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	59777m	0.627	ng/ul	
26) Benzo(a)pyrene	23.339	252	127500m	1.866	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.669	276	105511m	0.986	ng/ul	
28) Dibenzo(a,h)anthracene	25.673	278	28643m	0.360	ng/ul	
29) Benzo(g,h,i)perylene	26.364	276	107867m	1.266	ng/ul	

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

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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

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