

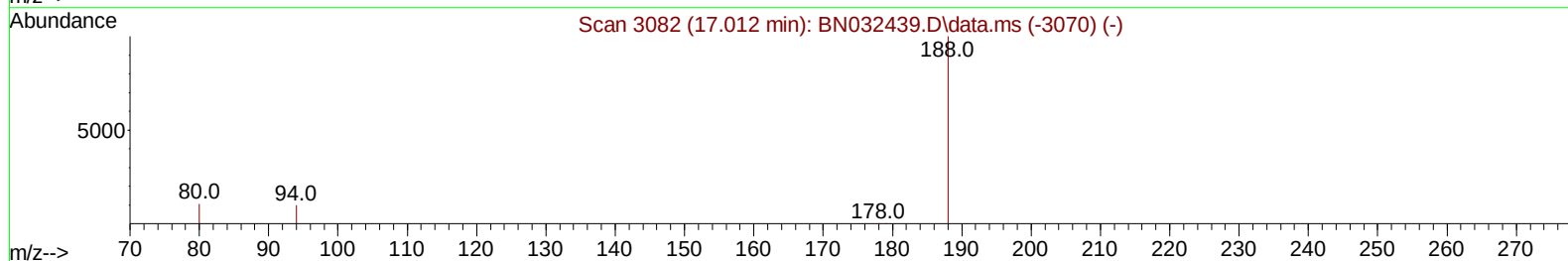
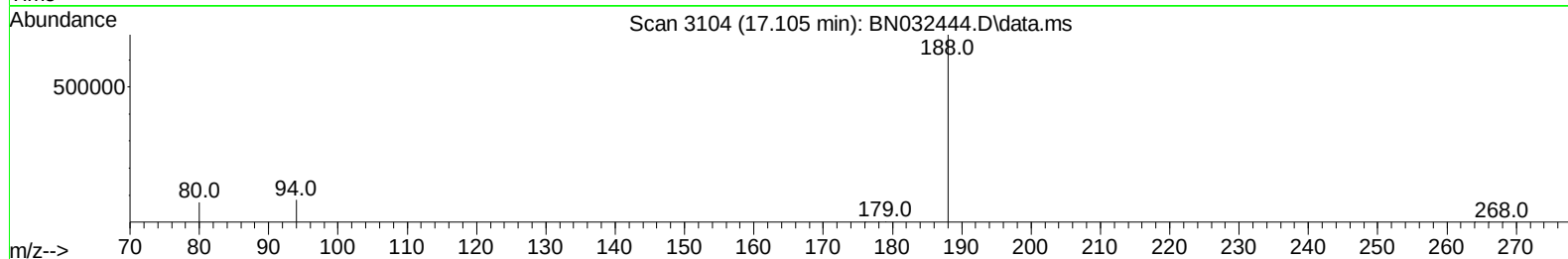
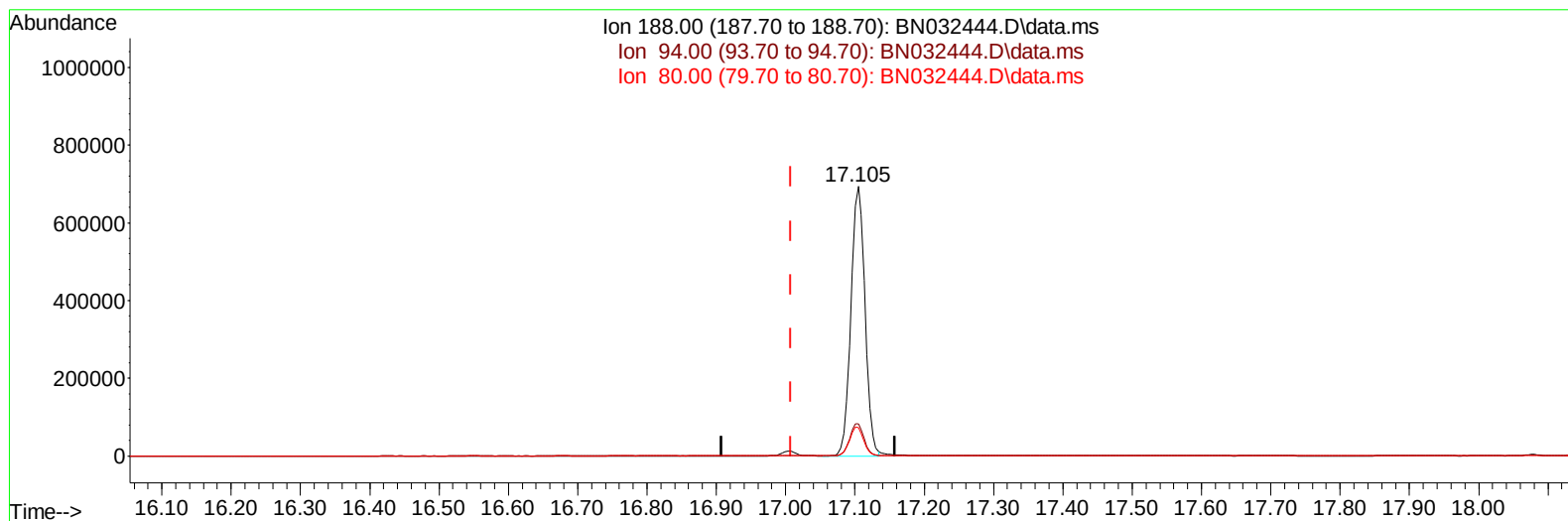
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.097) 0.40 ng/u1

response 976514

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.85
80.00	10.50	10.43
0.00	0.00	0.00

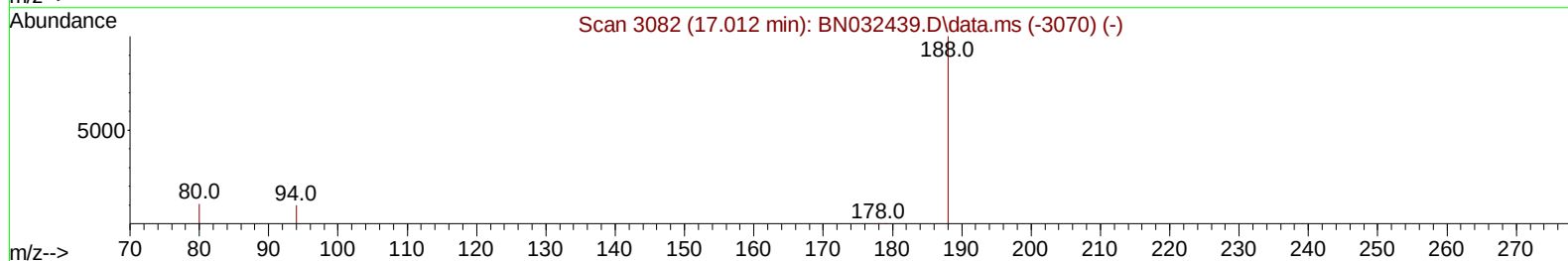
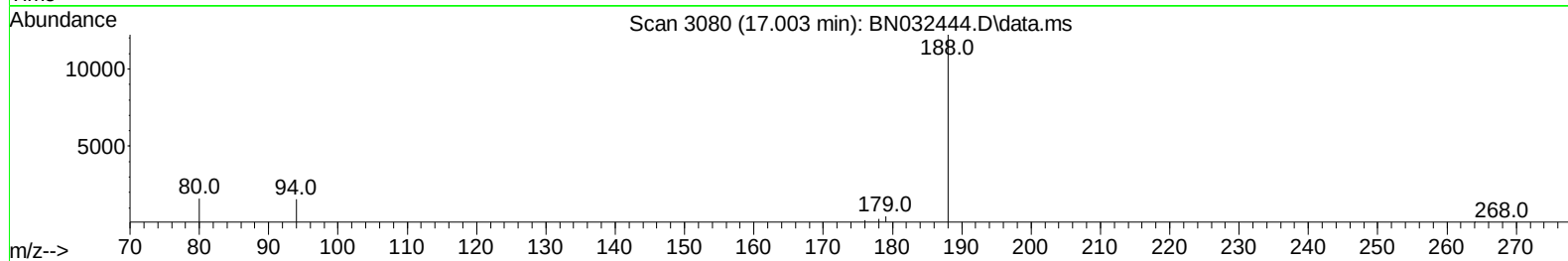
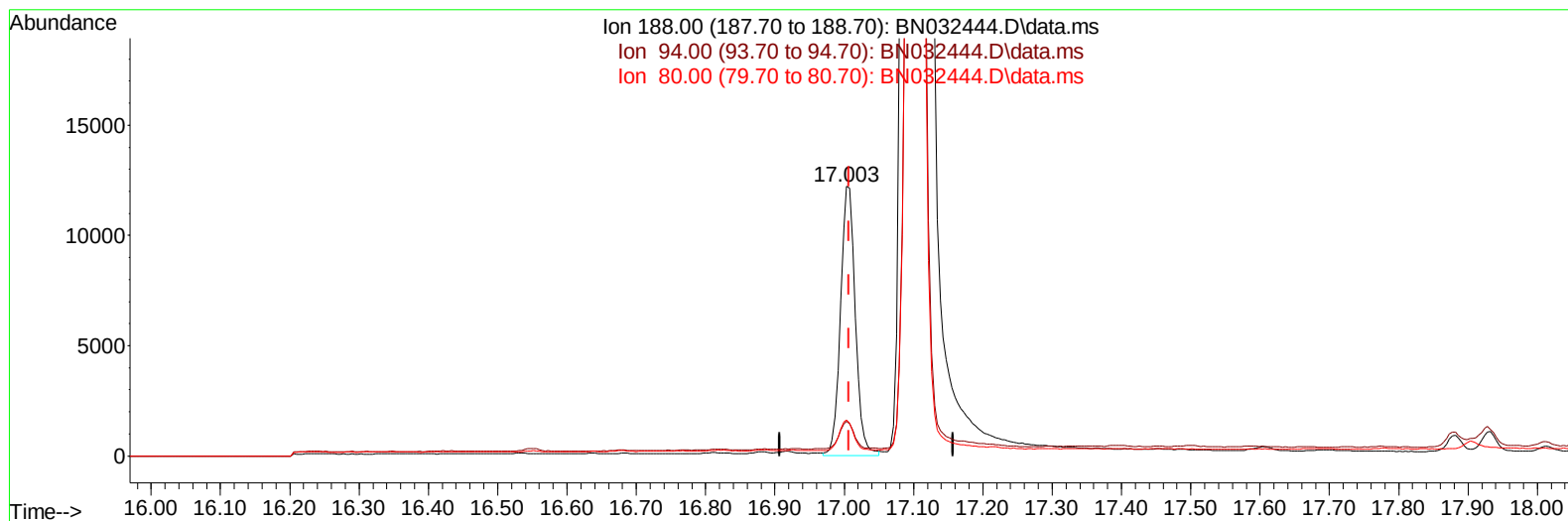
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 18135

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.91#
80.00	10.50	13.25#
0.00	0.00	0.00

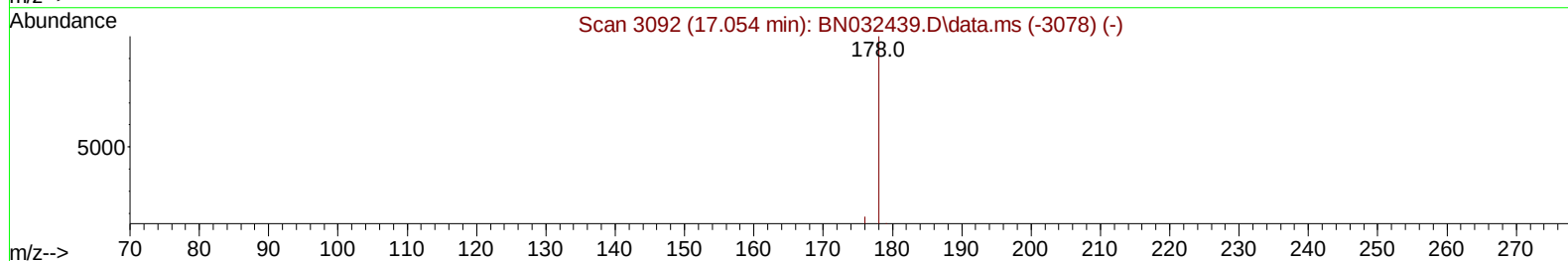
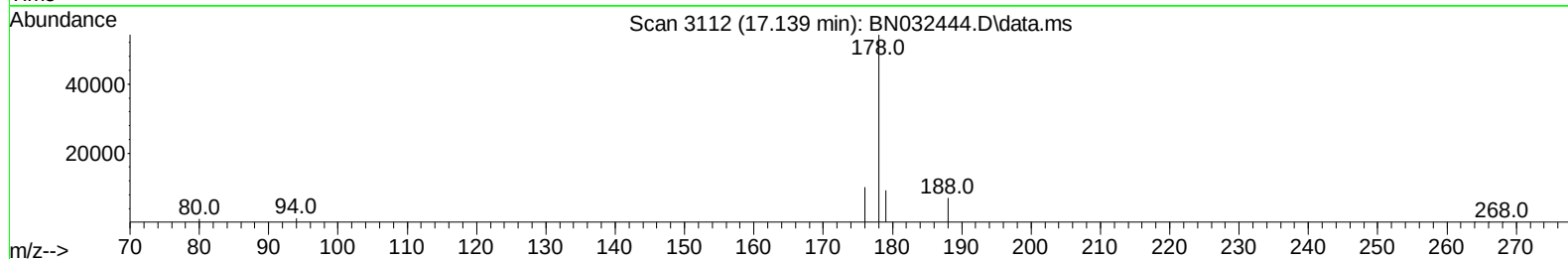
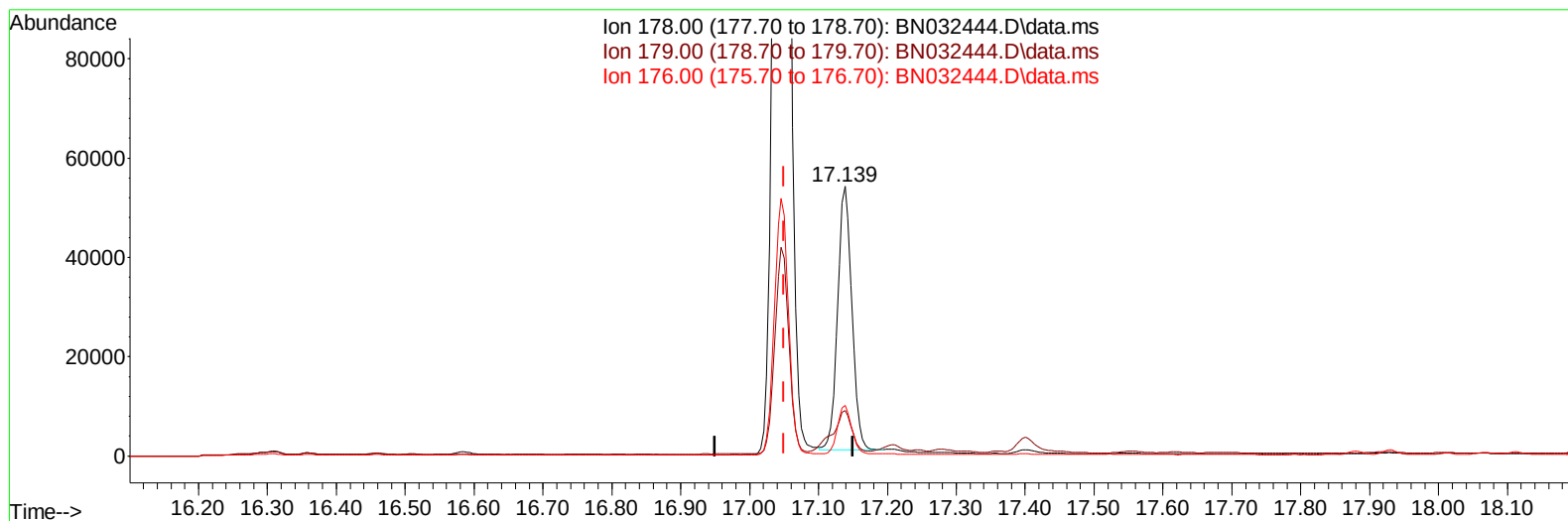
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(15) Phenanthrene

17.139min (+ 0.089) 1.53 ng/ul

response 76113

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.93
176.00	19.50	18.71
0.00	0.00	0.00

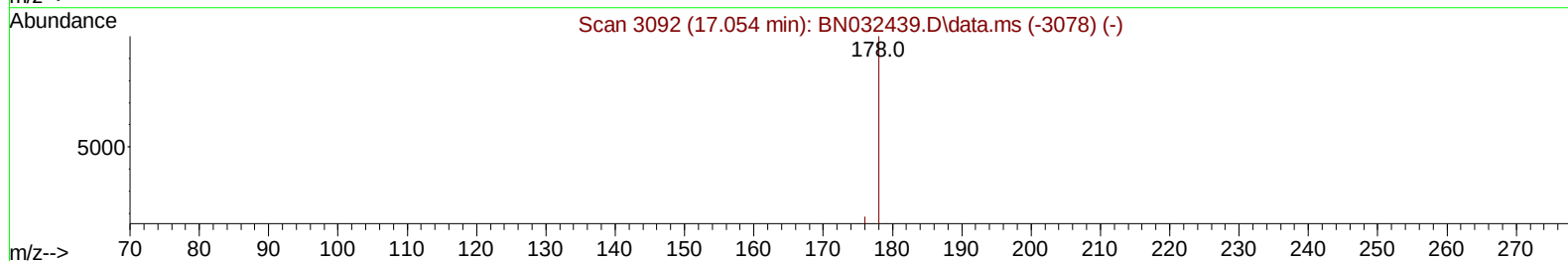
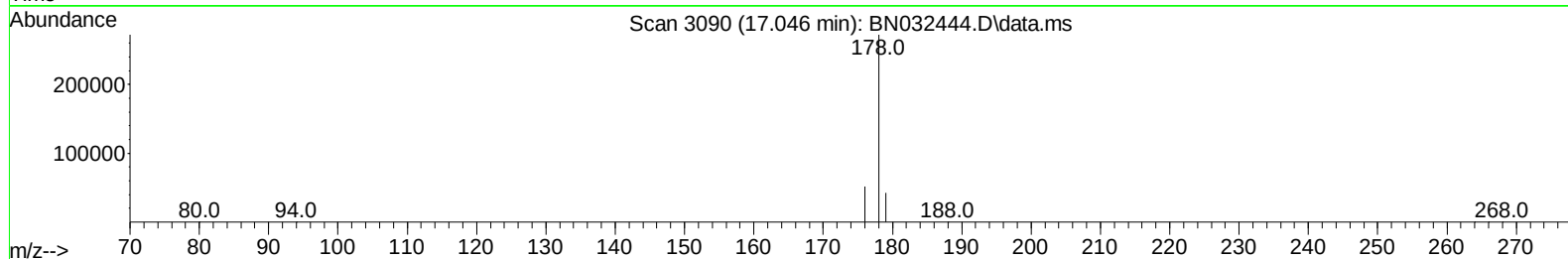
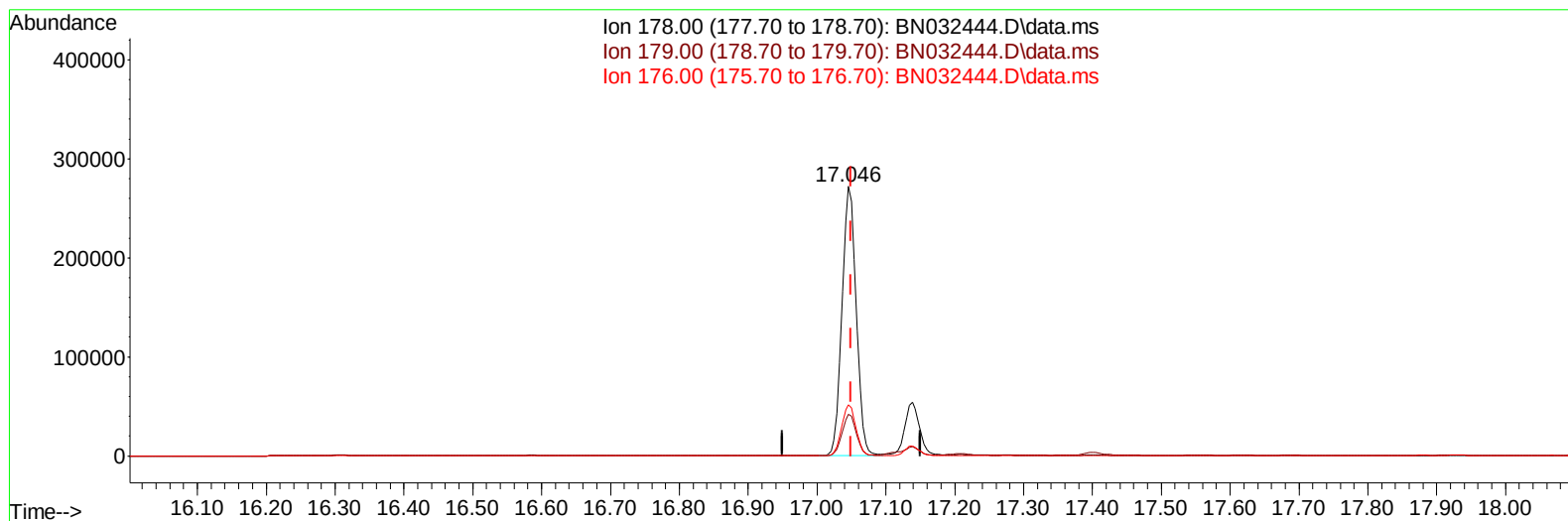
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(15) Phenanthrene

17.046min (-0.004) 7.83 ng/ul m

response 389179

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.46
176.00	19.50	19.07
0.00	0.00	0.00

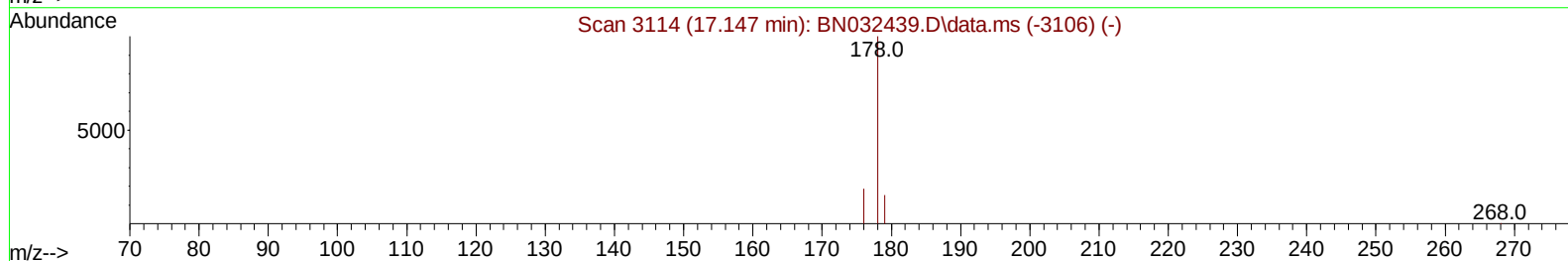
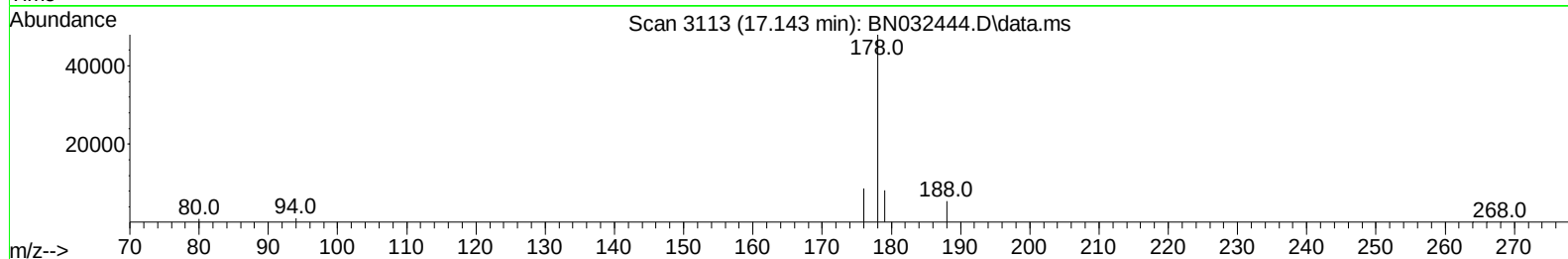
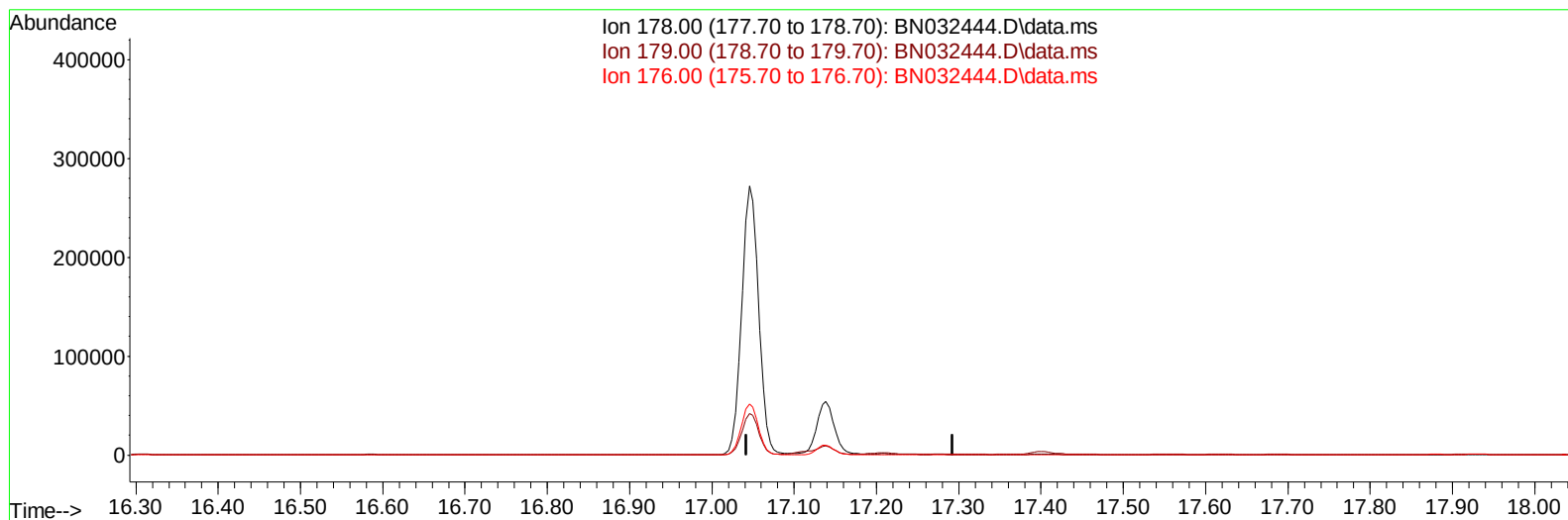
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032444.D\data.ms

(16) Anthracene

17.143min (-17.143) 0.00 ng/ul

response 0

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

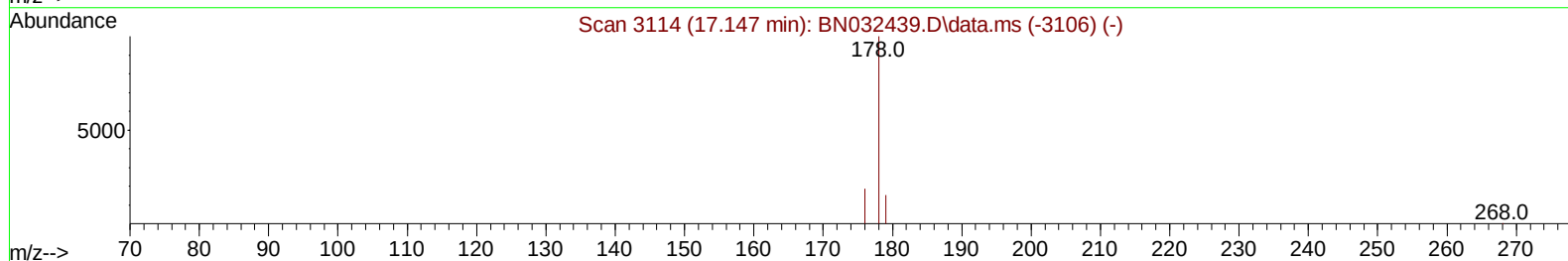
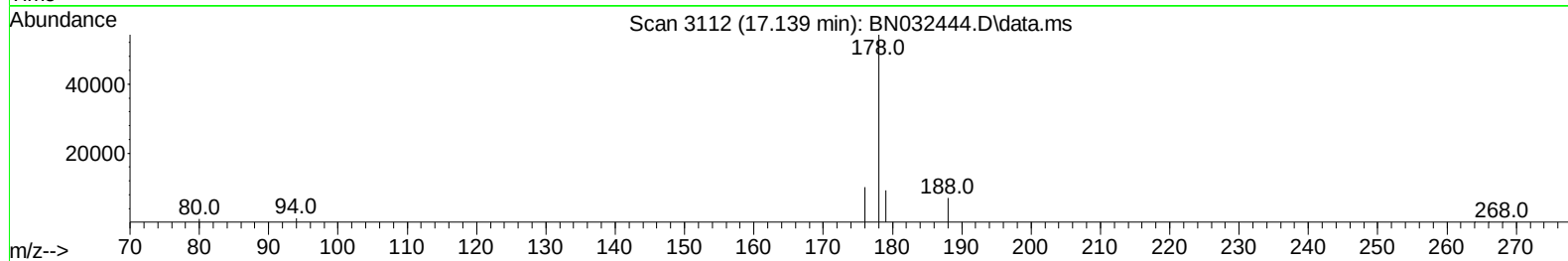
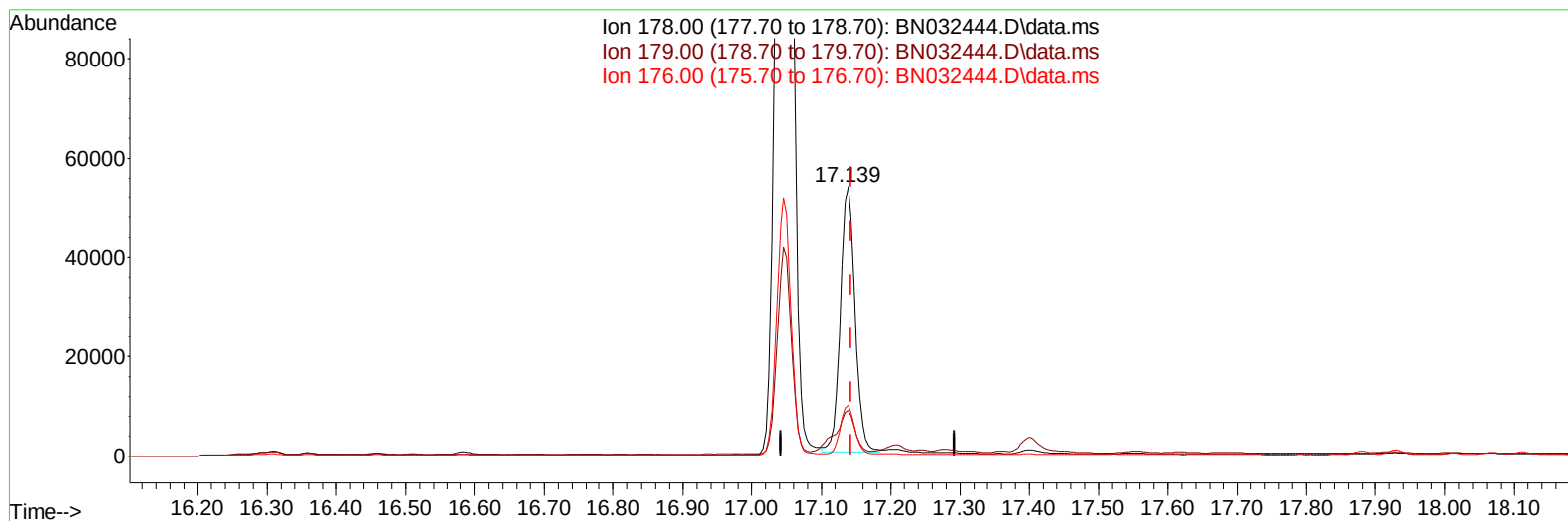
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(16) Anthracene

17.139min (-0.004) 1.76 ng/ul m

response 78110

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.93
176.00	18.80	18.71
0.00	0.00	0.00

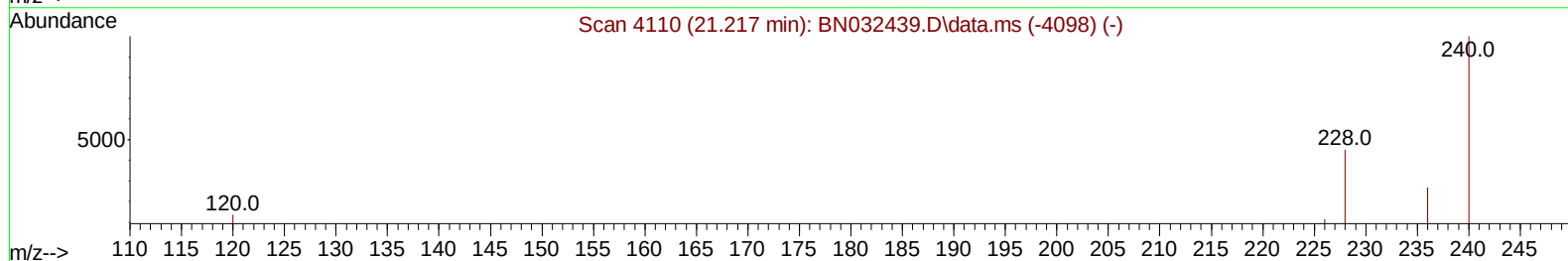
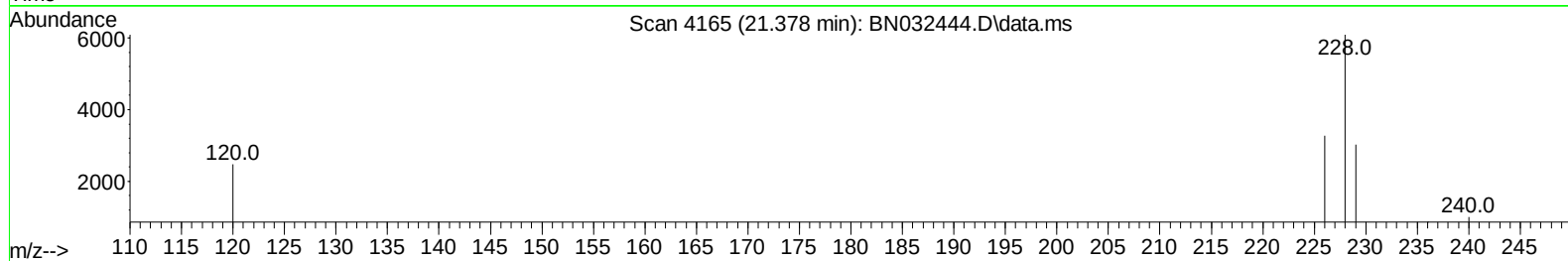
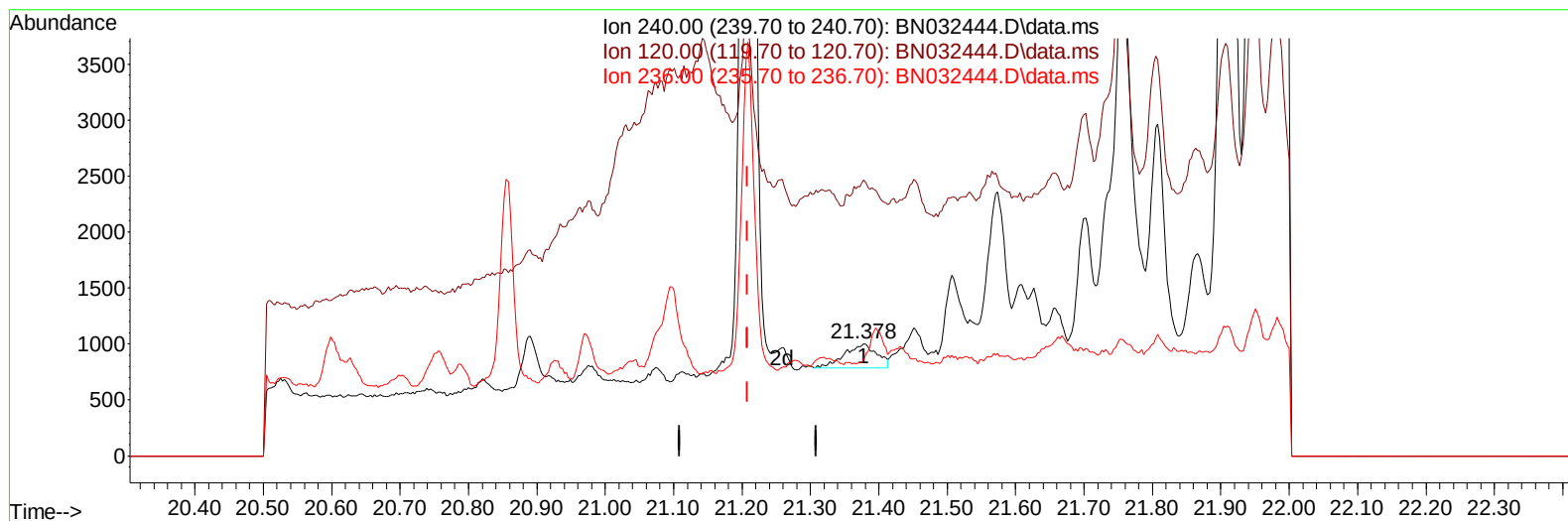
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032444.D\data.ms

(17) Chrysene-d12

21.378min (+ 0.170) 0.40 ng/u1

response 685

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	245.72#
236.00	28.40	85.36#
0.00	0.00	0.00

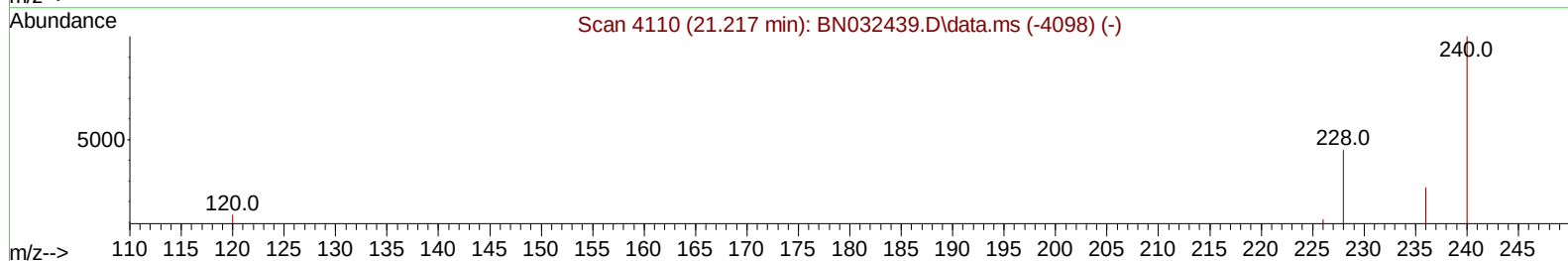
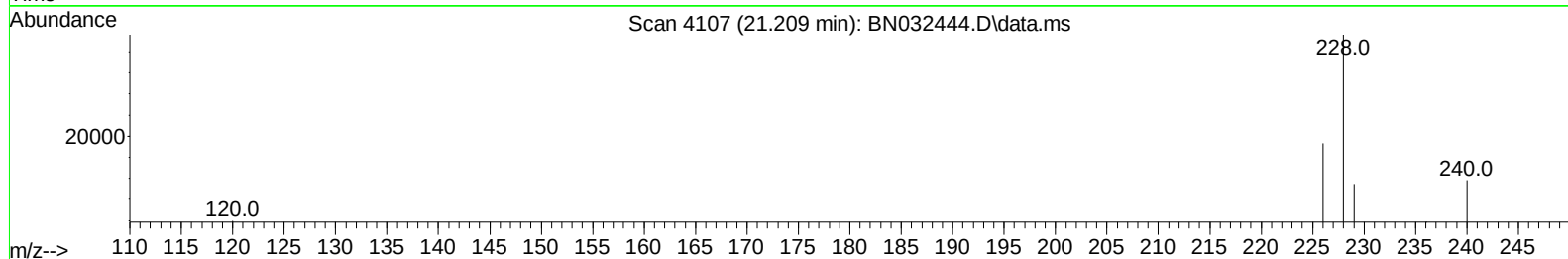
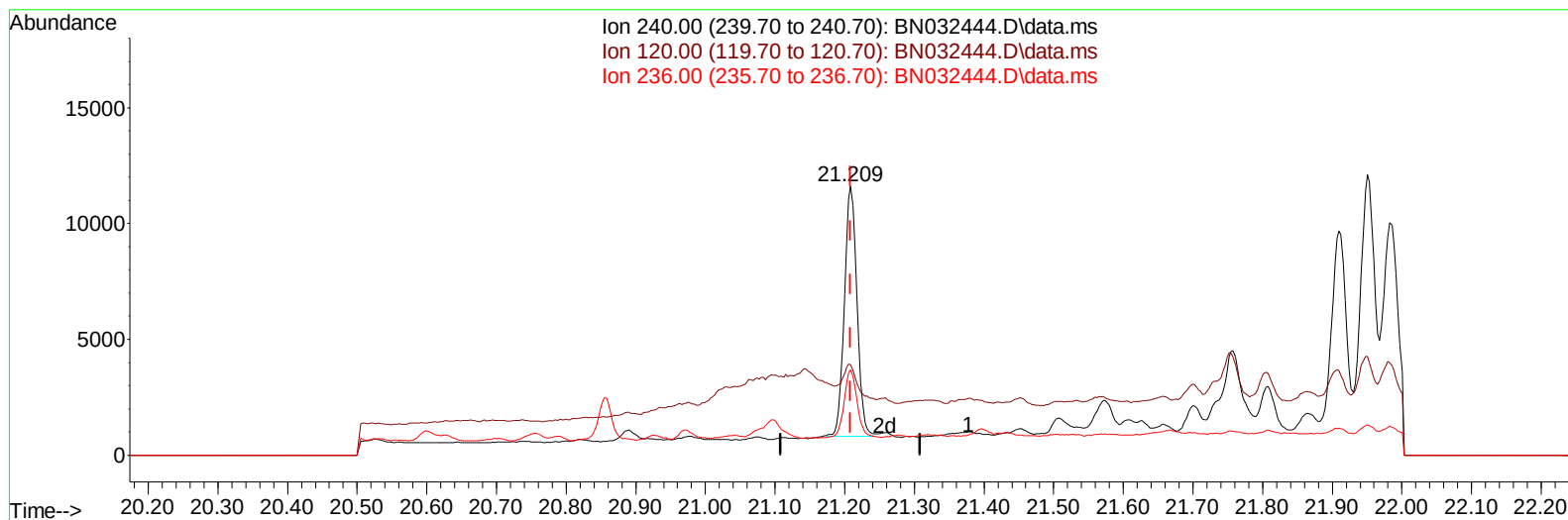
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(17) Chrysene-d12

21.209min (+ 0.000) 0.40 ng/ul m

response 13507

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	33.54#
236.00	28.40	31.81
0.00	0.00	0.00

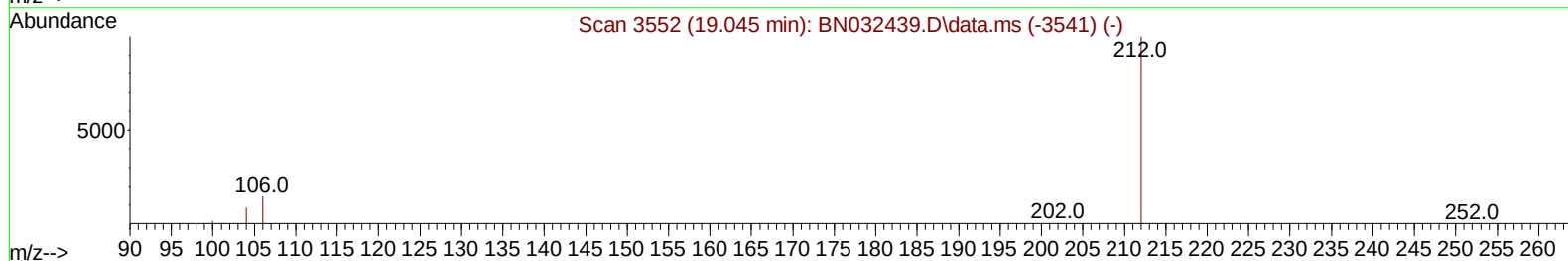
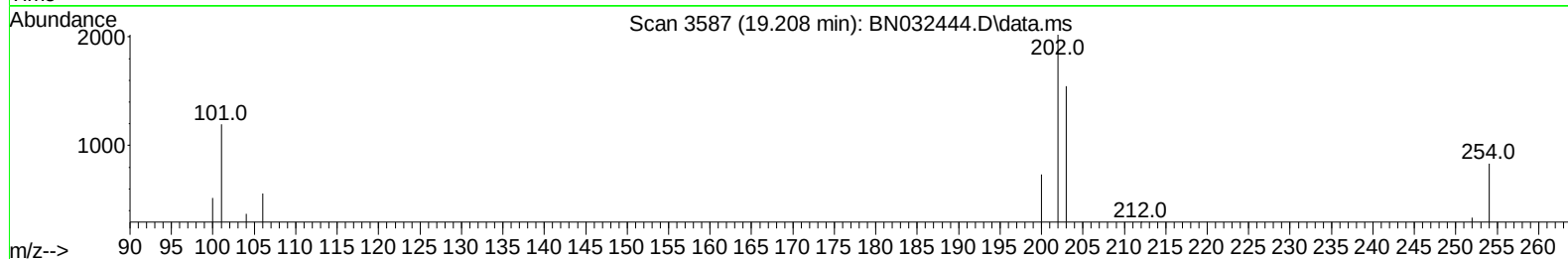
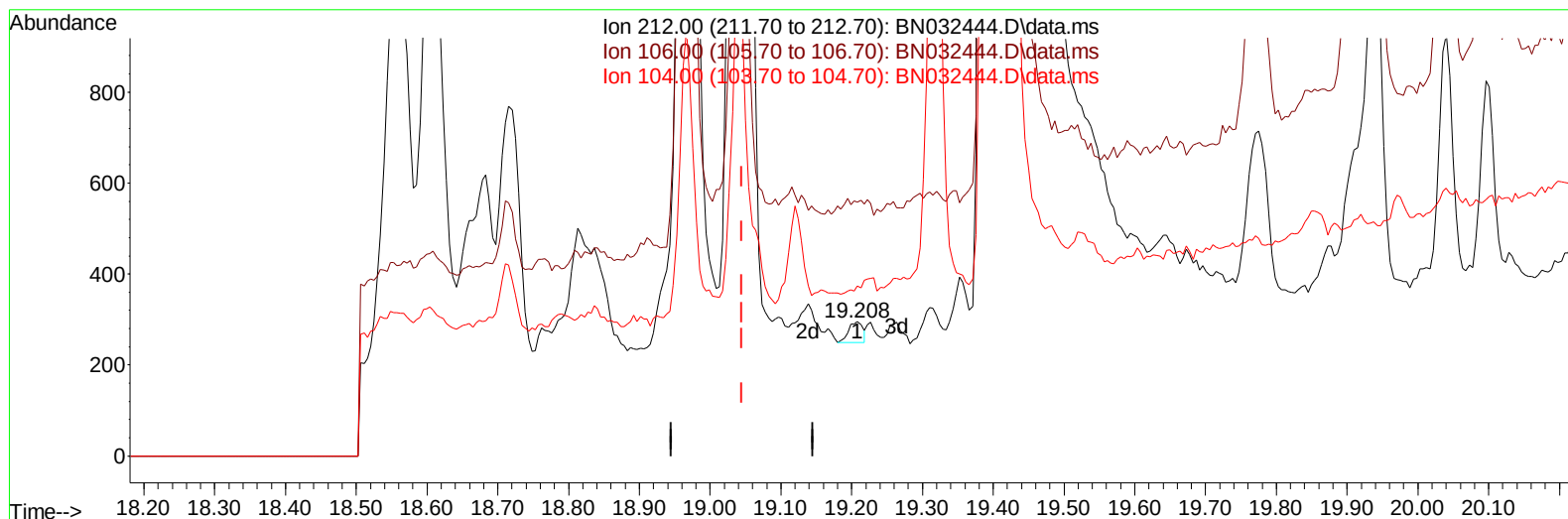
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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TIC: BN032444.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.208min (+ 0.163) 0.00 ng/u1

response 64

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	142.19#
104.00	8.40	0.00#
0.00	0.00	0.00

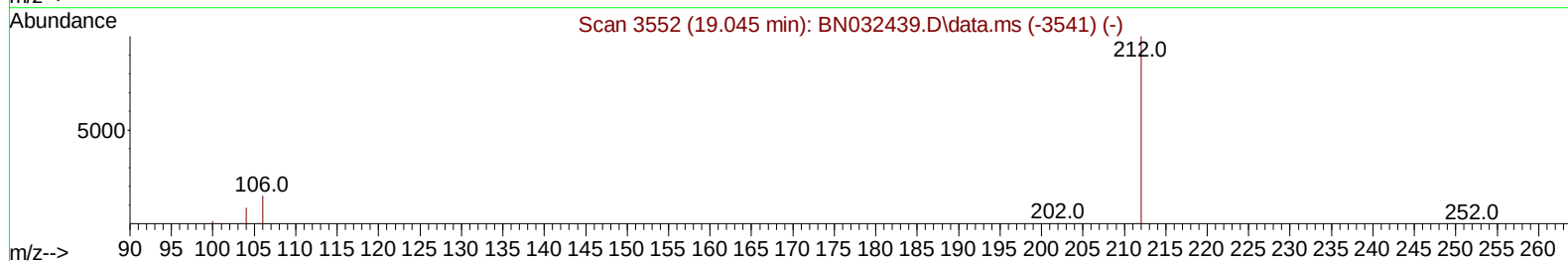
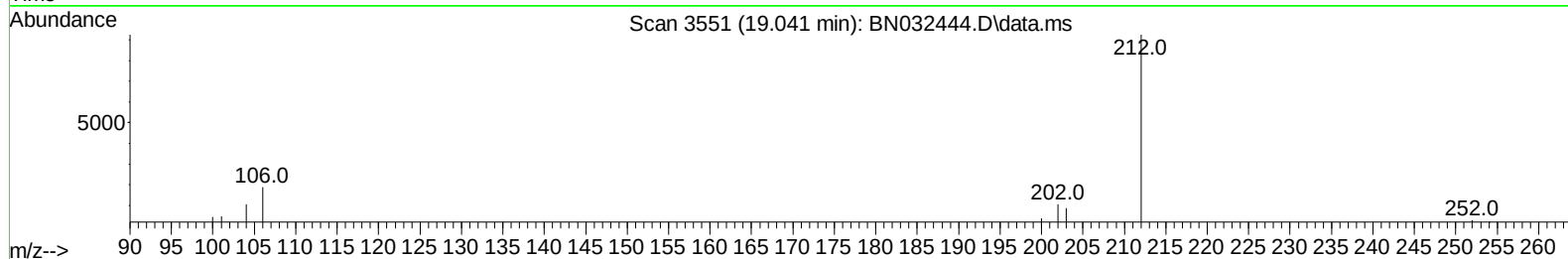
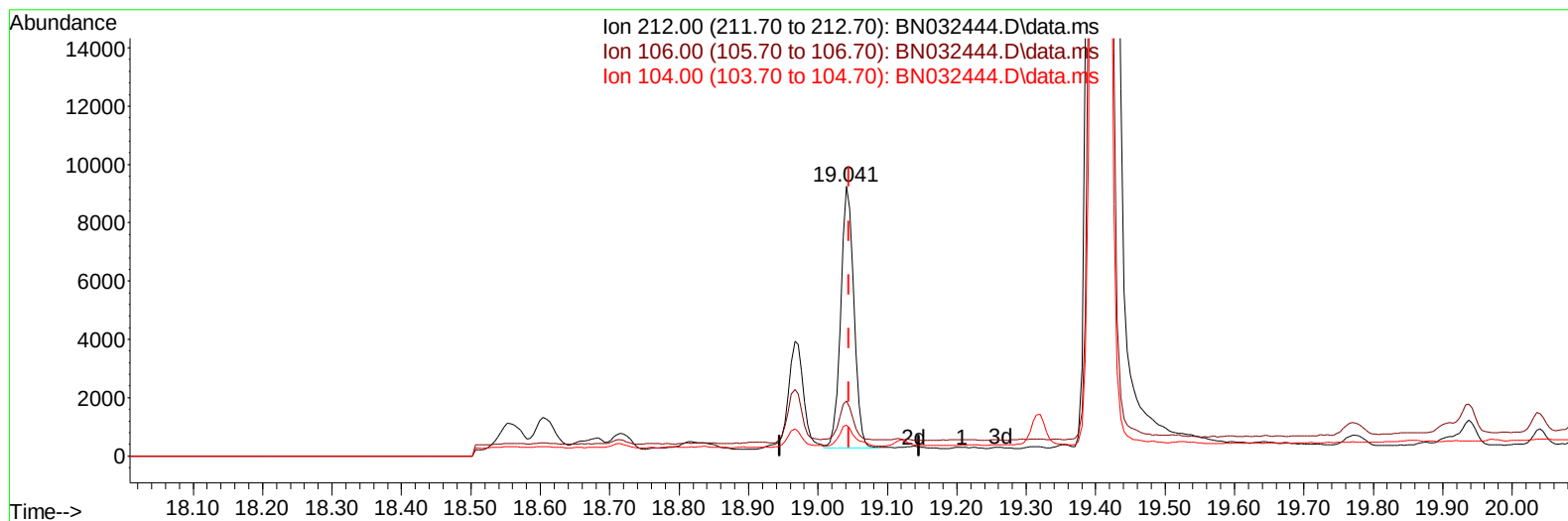
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.29 ng/ul m

response 11913

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.76#
104.00	8.40	0.00#
0.00	0.00	0.00

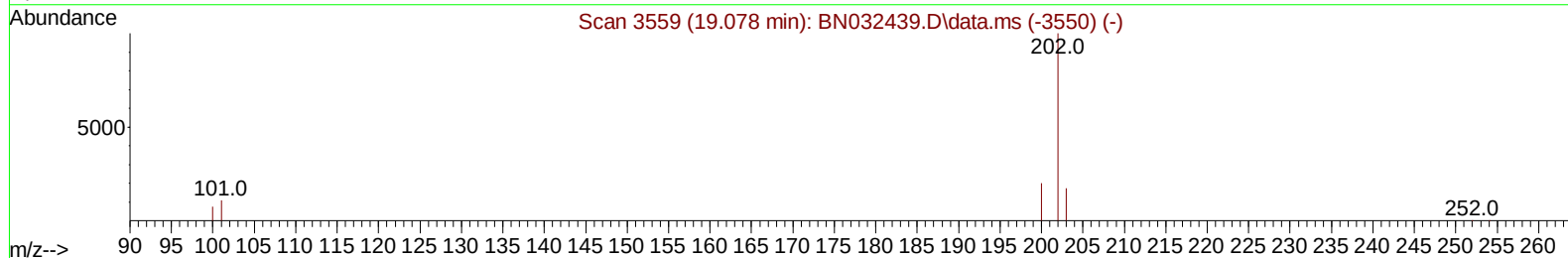
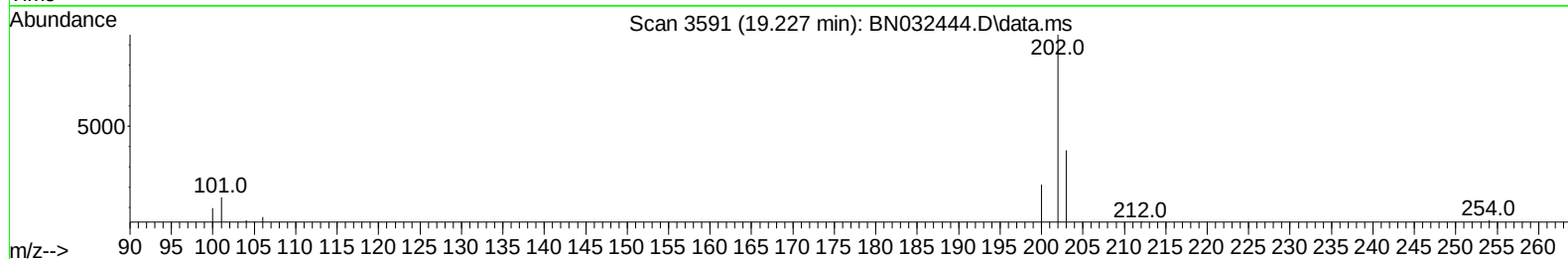
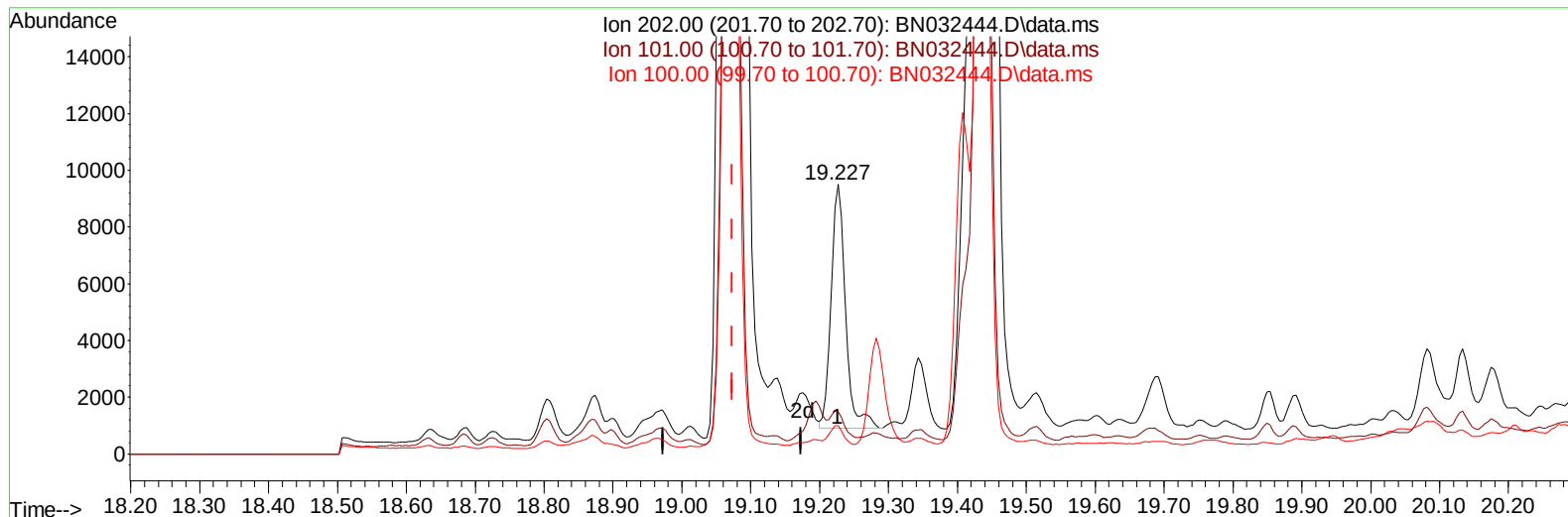
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.153) 0.25 ng/u1

response 12634

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	15.79#
100.00	8.00	10.48#
0.00	0.00	0.00

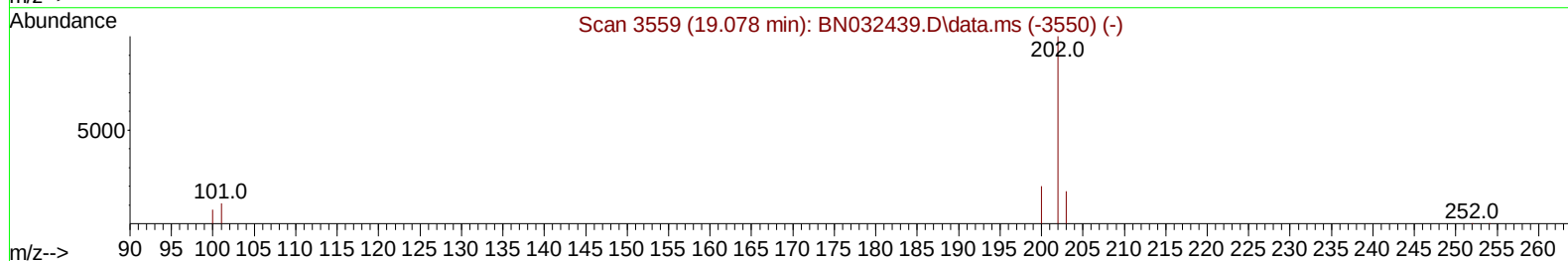
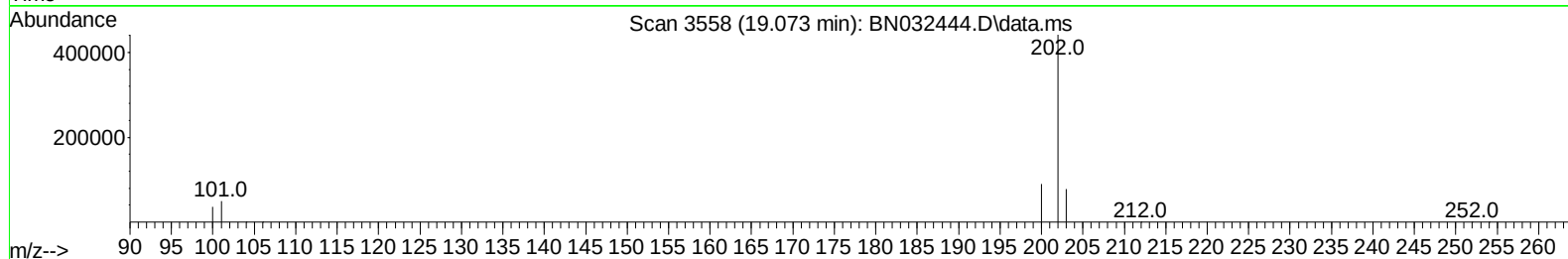
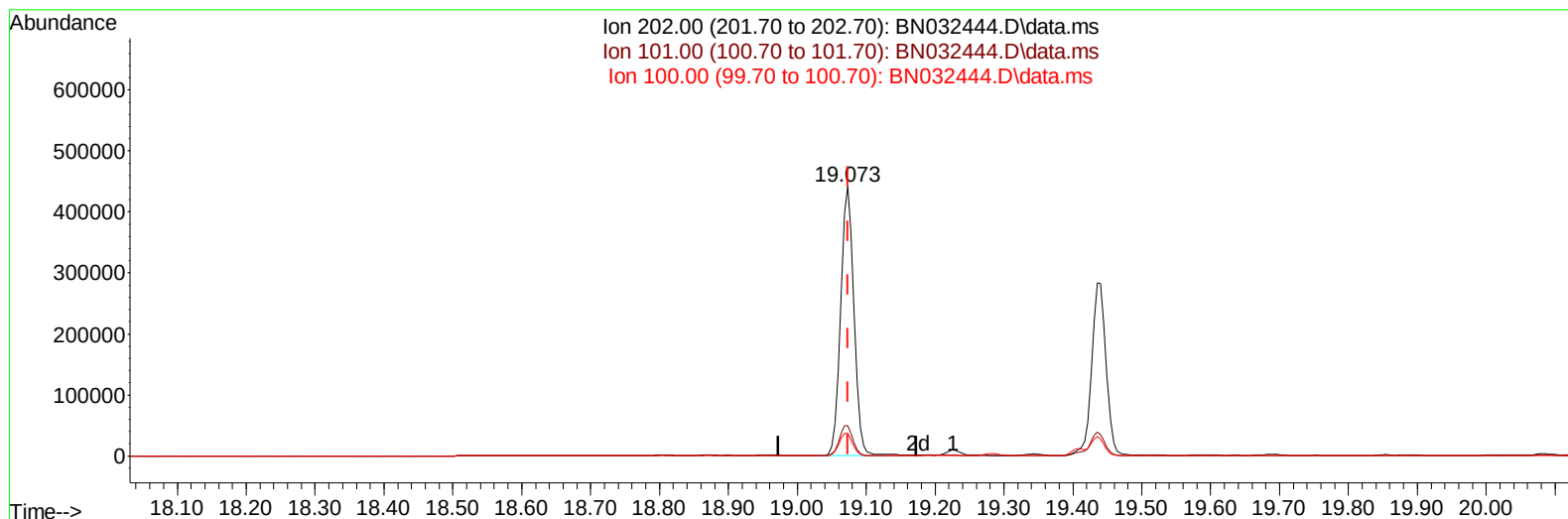
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(19) Fluoranthene (C)

19.073min (+ 0.000) 11.54 ng/ul m

response 593288

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.18
100.00	8.00	8.31
0.00	0.00	0.00

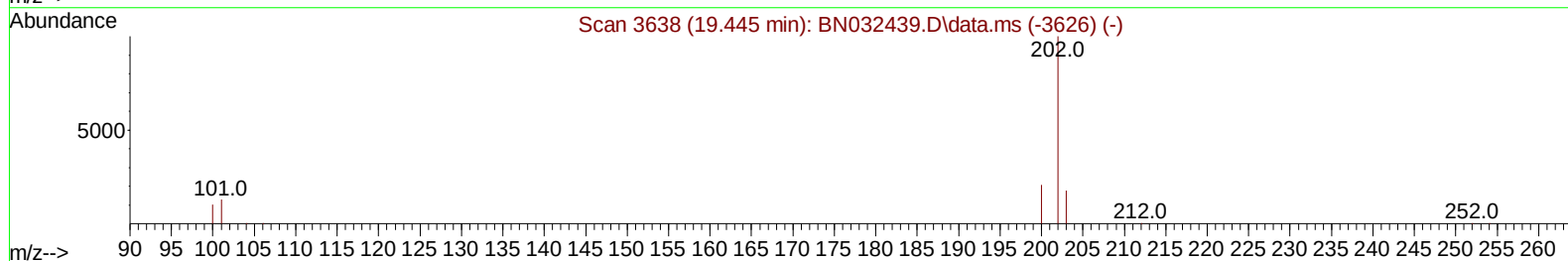
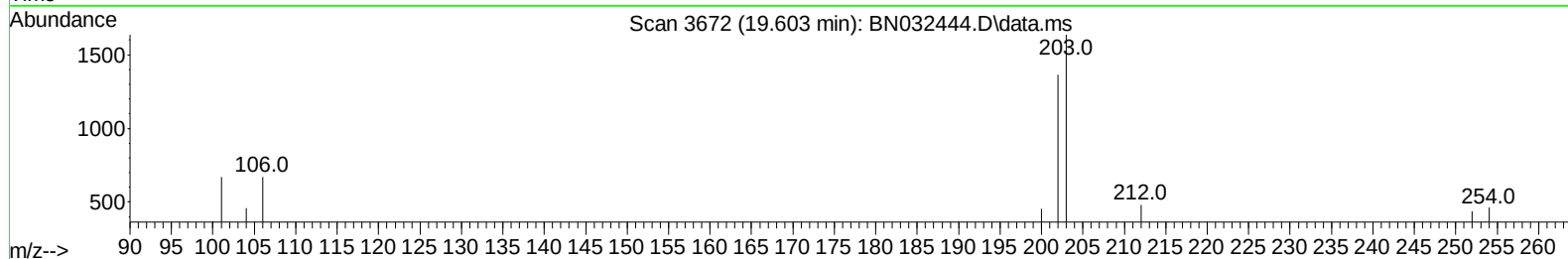
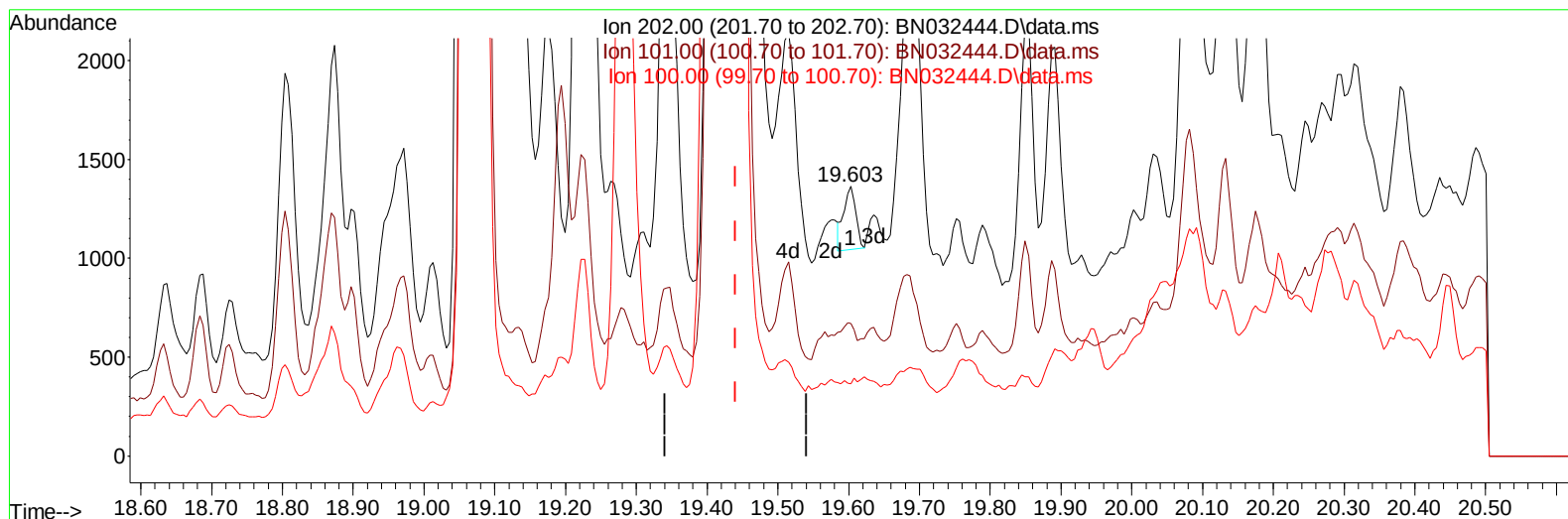
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
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Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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TIC: BN032444.D\data.ms

(20) Pyrene

19.603min (+ 0.163) 0.01 ng/u1

response 378

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	49.23#
100.00	10.90	26.71#
0.00	0.00	0.00

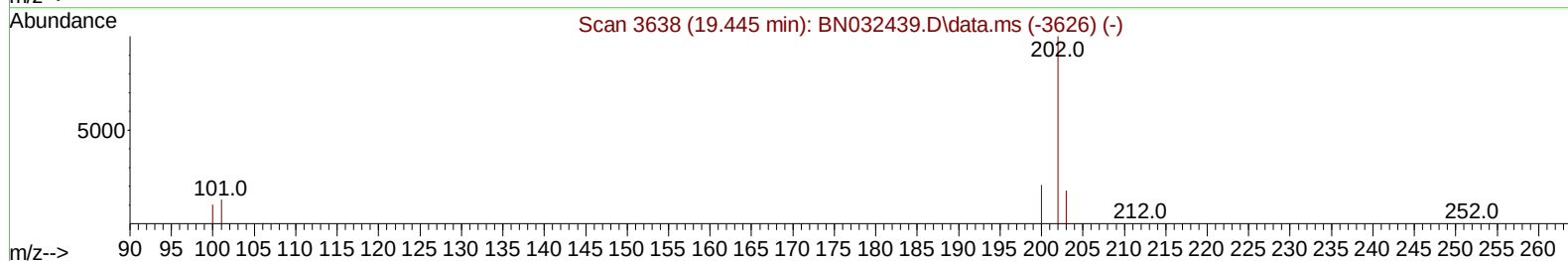
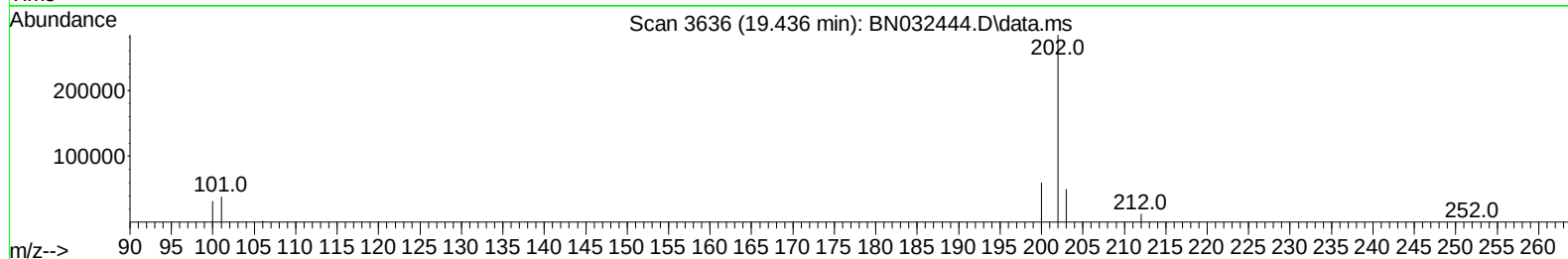
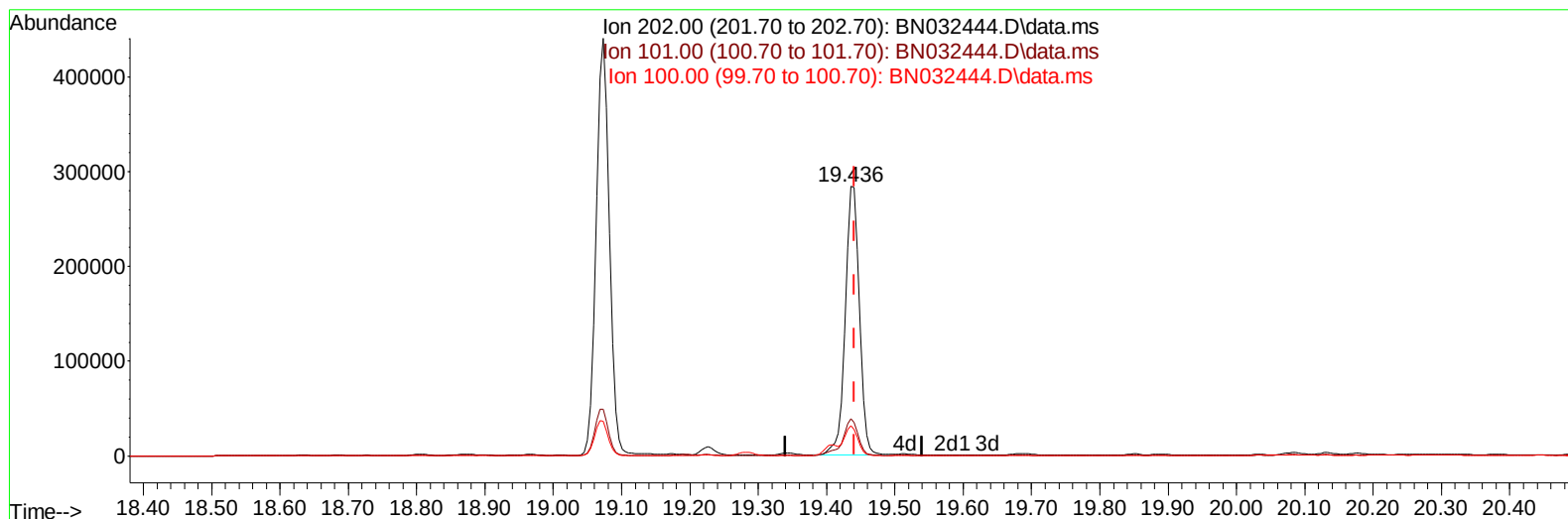
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(20) Pyrene

19.436min (-0.005) 7.61 ng/ul m

response 408831

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.77
100.00	10.90	11.29
0.00	0.00	0.00

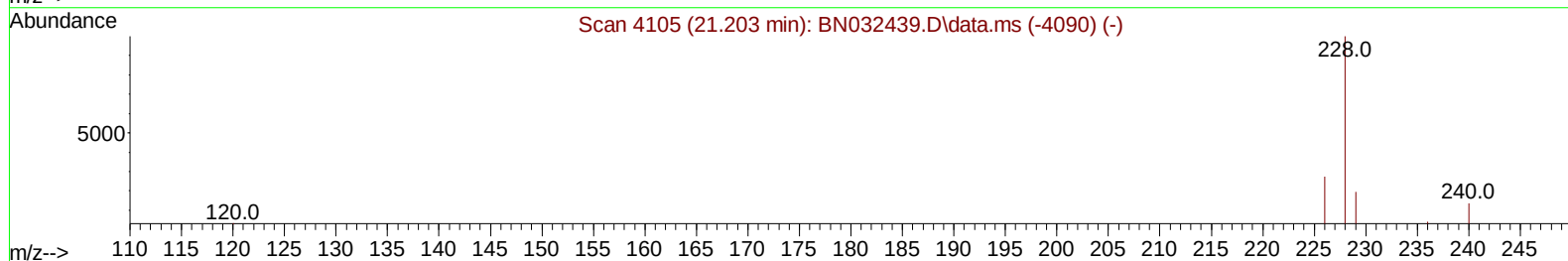
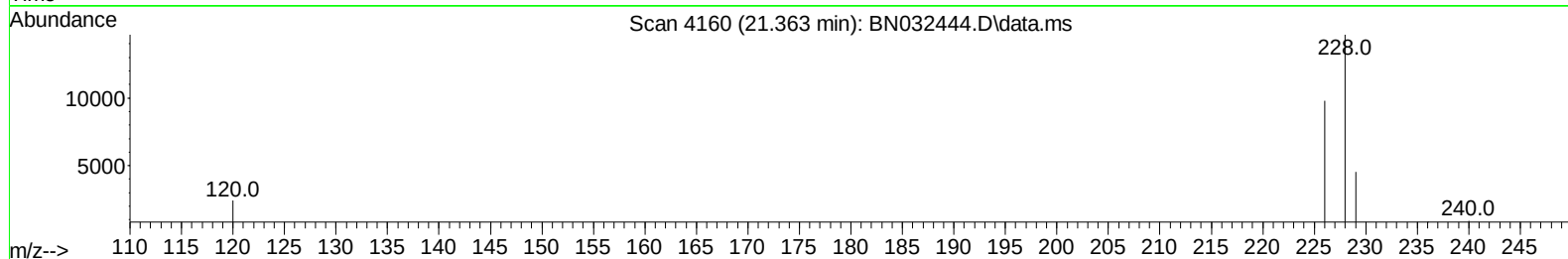
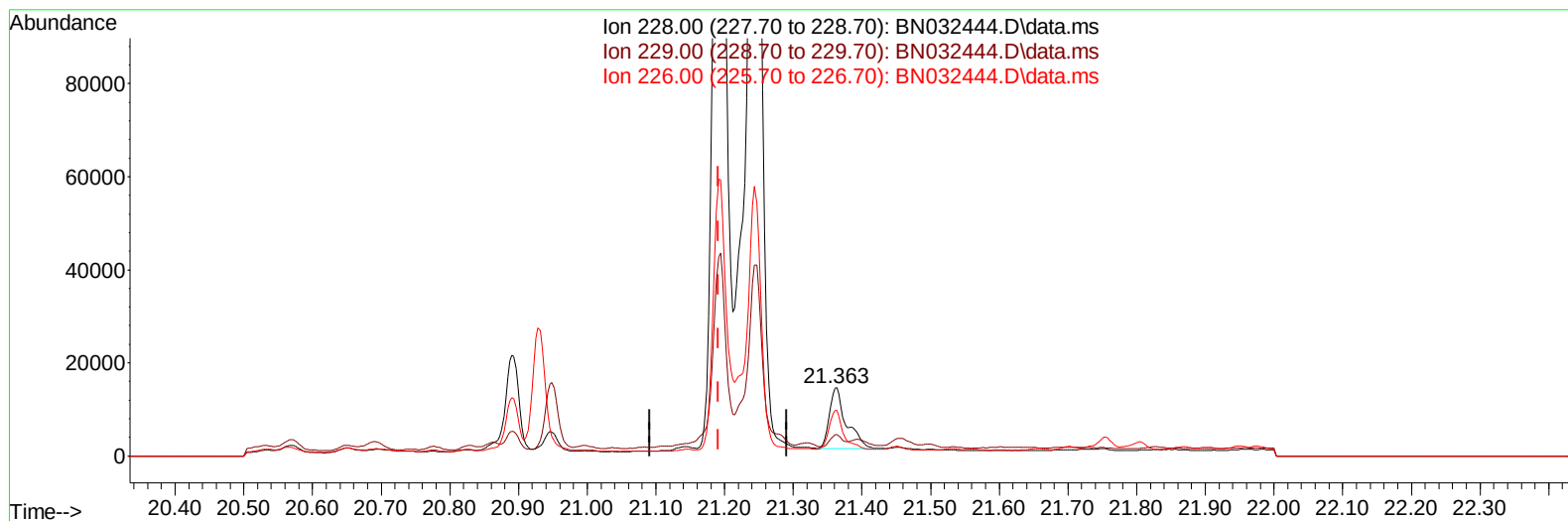
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.172) 0.45 ng/u1

response 22178

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	30.96#
226.00	27.30	66.84#
0.00	0.00	0.00

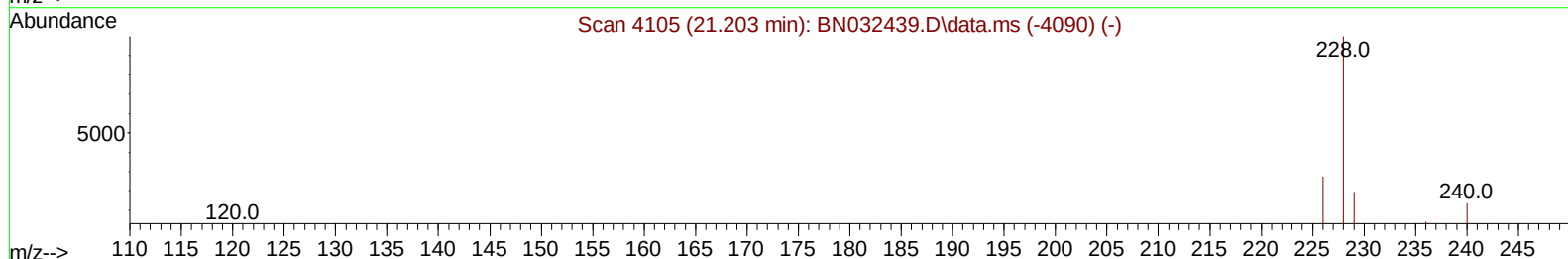
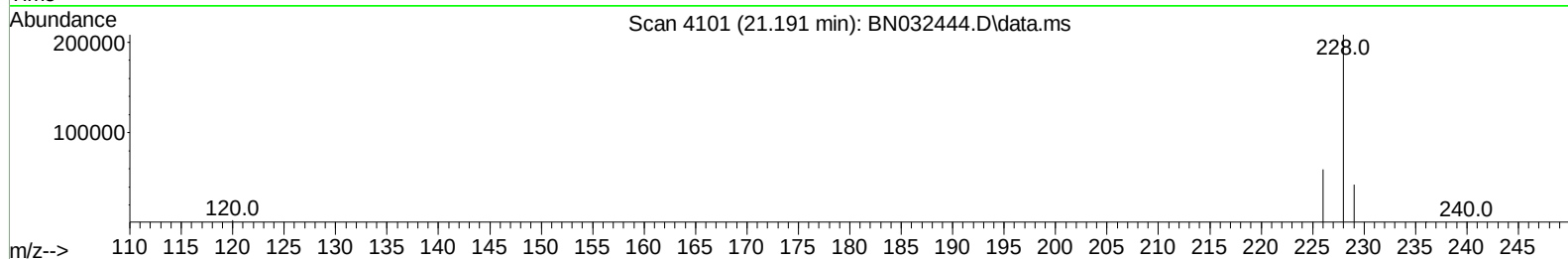
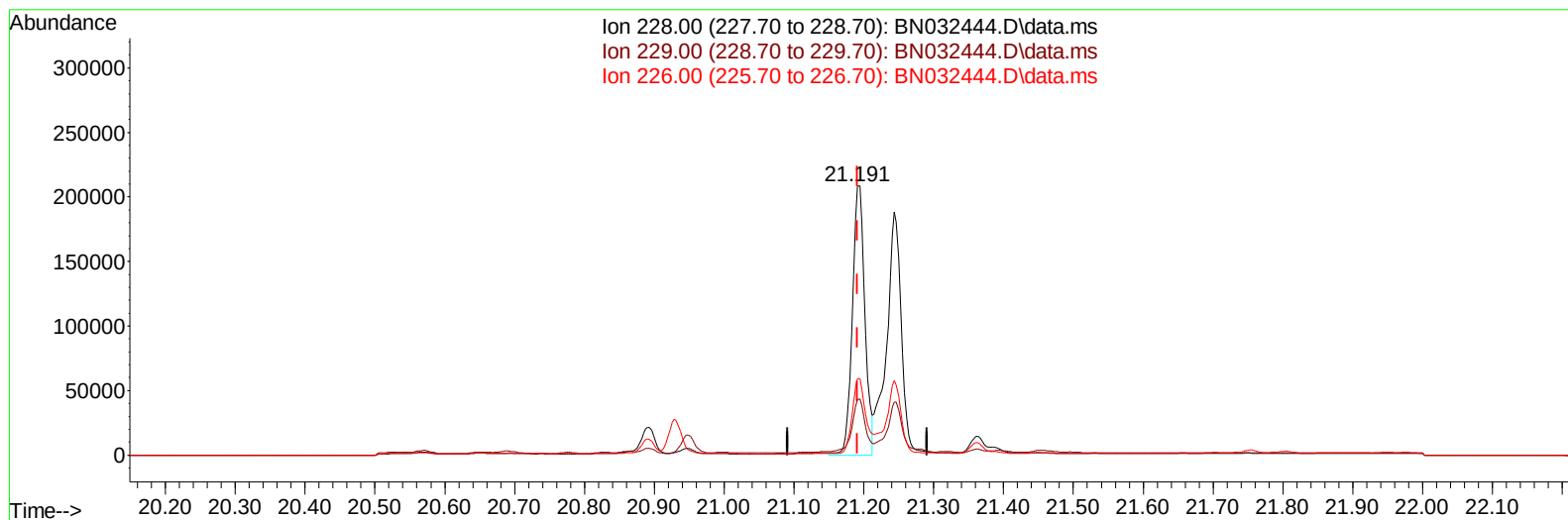
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(21) Benzo(a)anthracene

21.191min (+ 0.000) 5.35 ng/ul m

response 260890

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.54
226.00	27.30	28.52
0.00	0.00	0.00

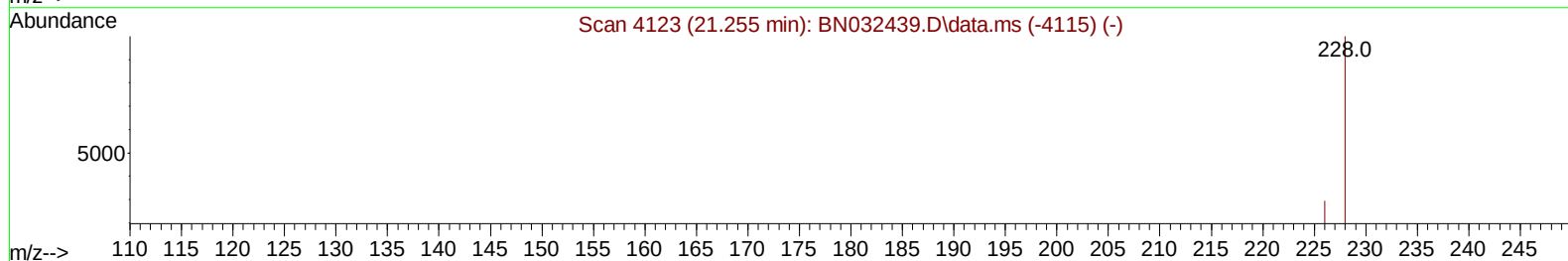
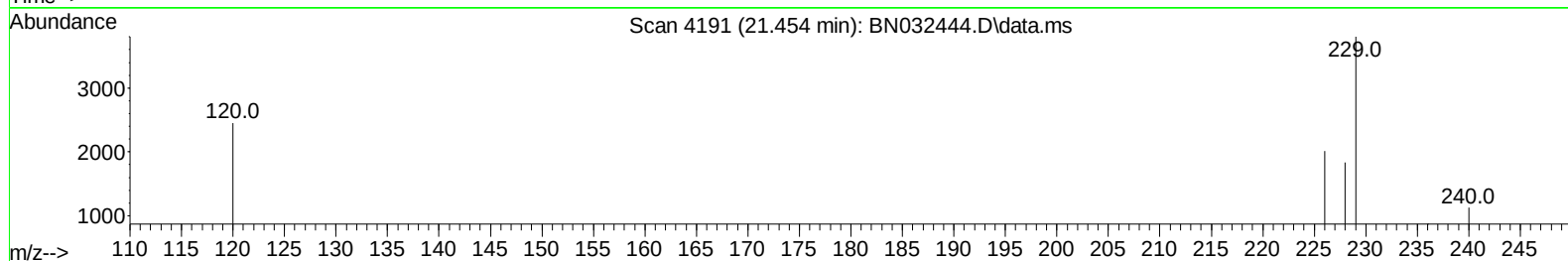
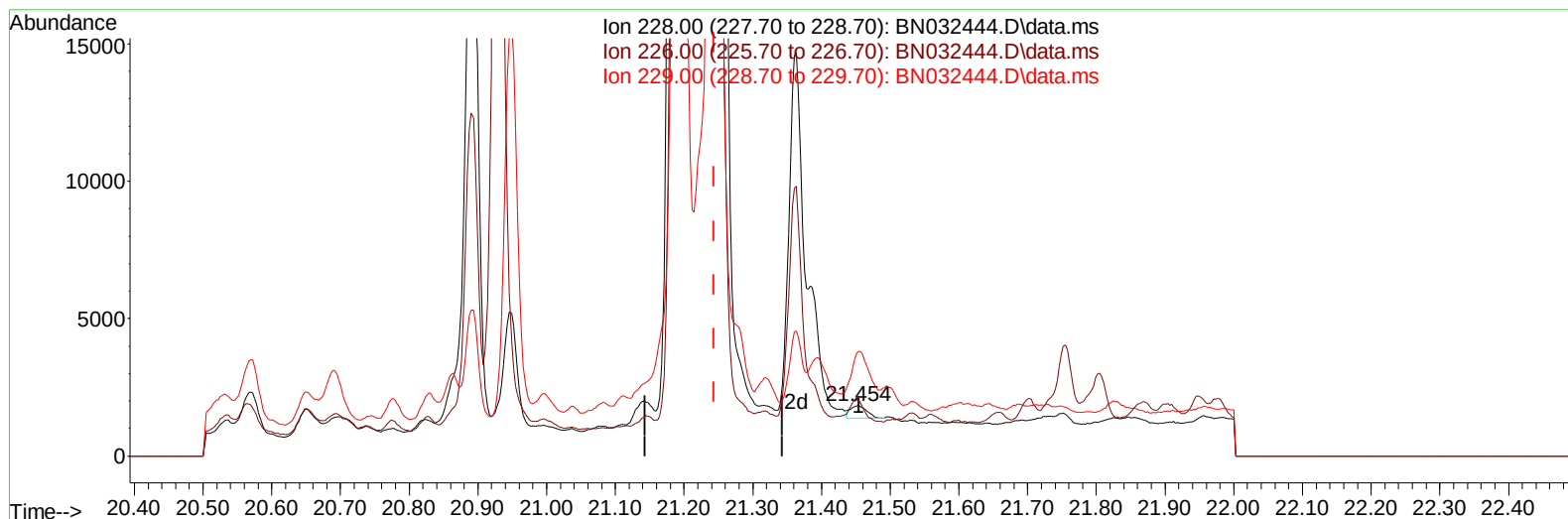
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(22) Chrysene

21.454min (+ 0.210) 0.01 ng/u1

response 747

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	110.22#
229.00	19.60	207.81#
0.00	0.00	0.00

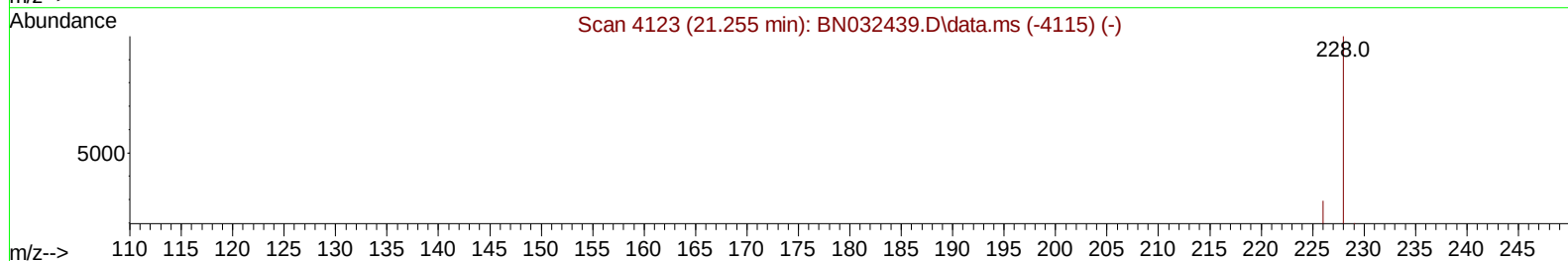
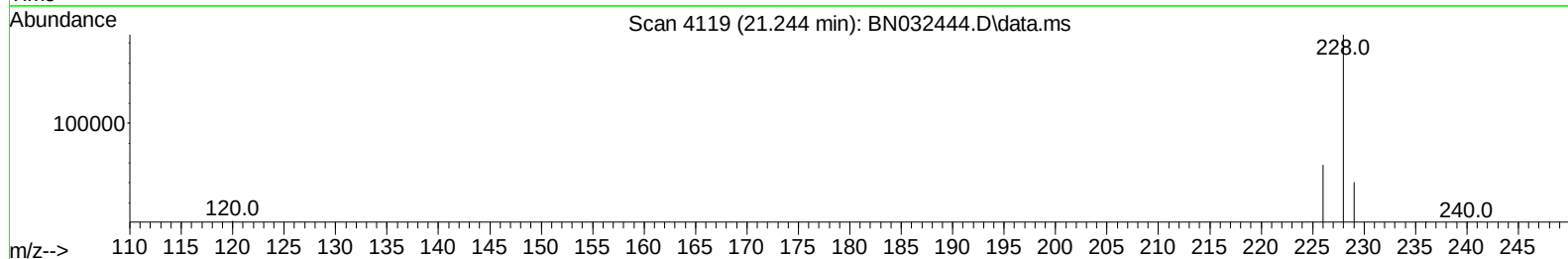
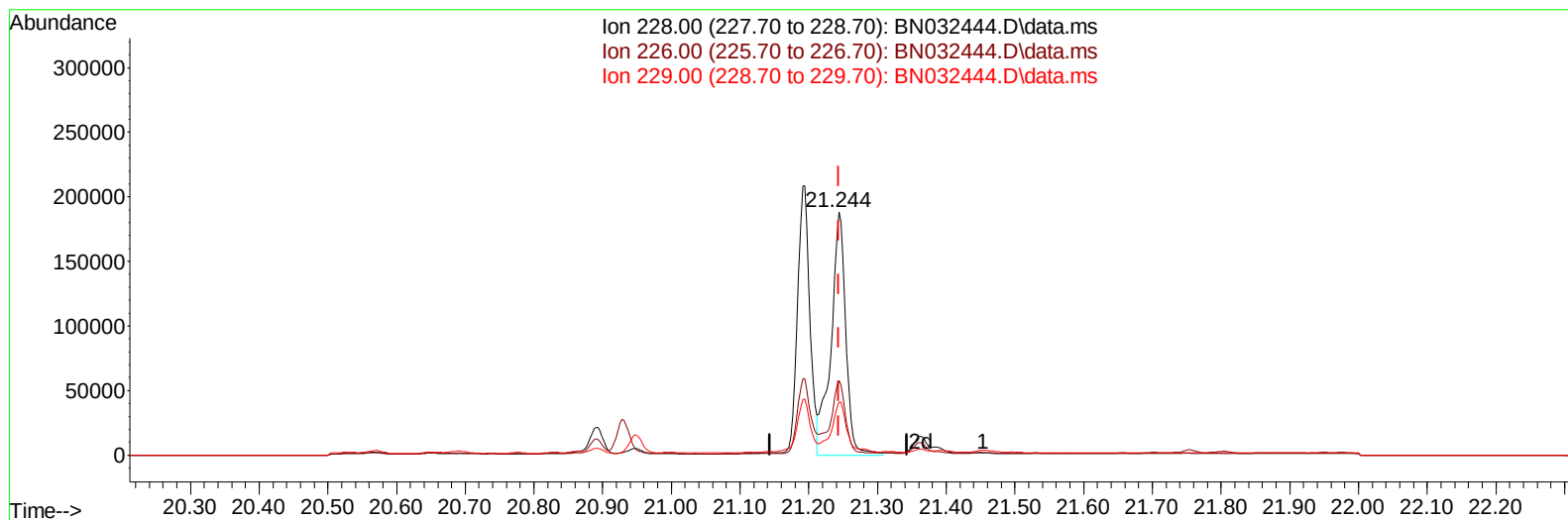
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(22) Chrysene

21.244min (+ 0.000) 5.29 ng/ul m

response 282987

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.72
229.00	19.60	21.78
0.00	0.00	0.00

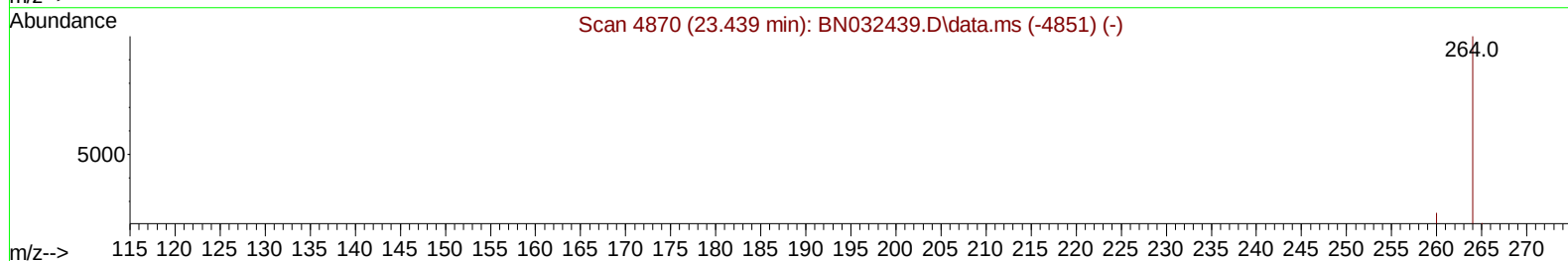
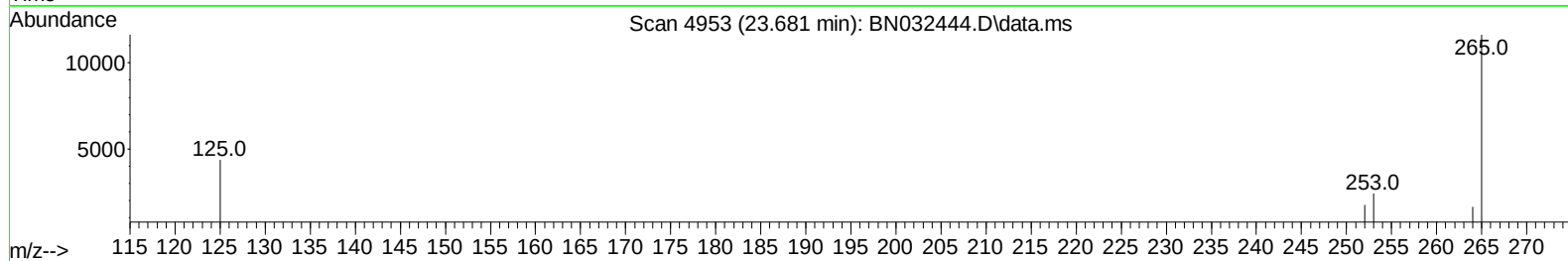
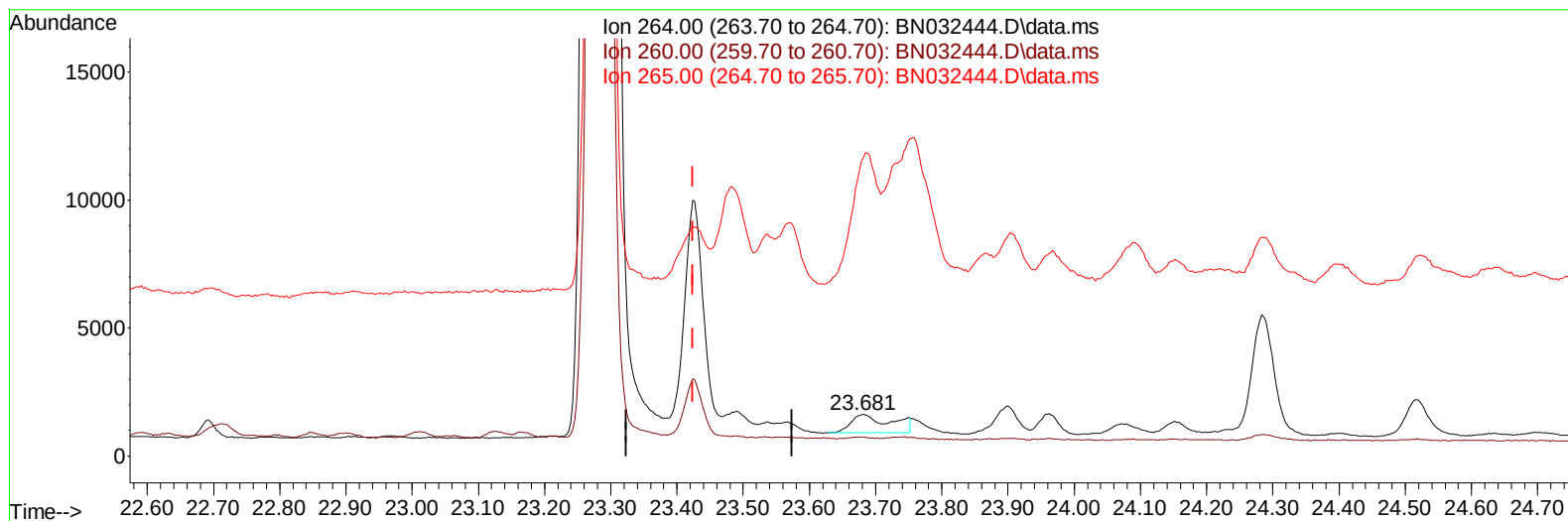
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(23) Perylene-d12 (I)

23.681min (+ 0.257) 0.40 ng/u1

response 3016

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	44.77#
265.00	67.20	720.22#
0.00	0.00	0.00

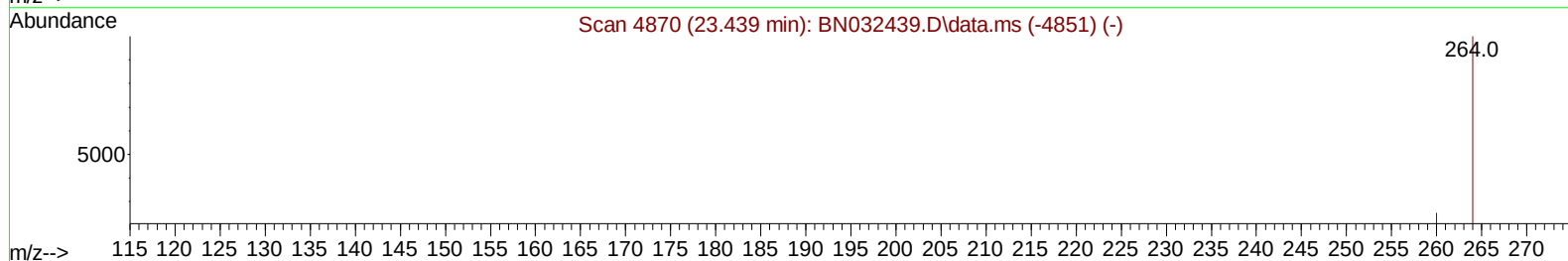
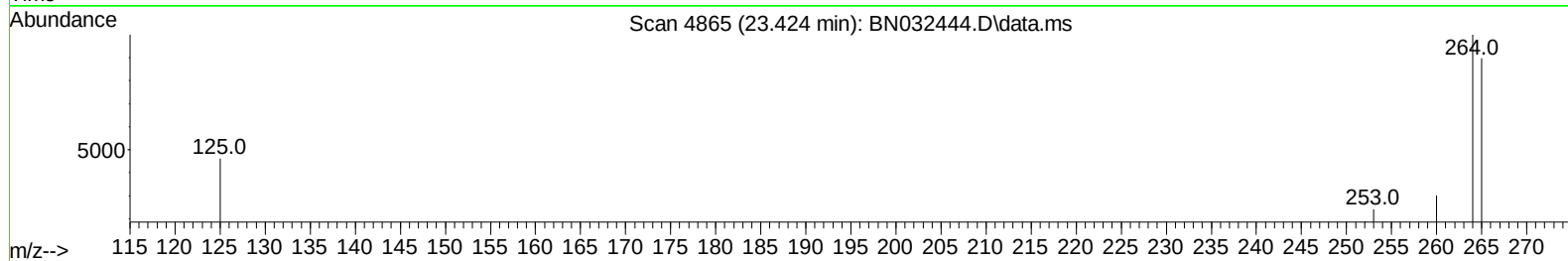
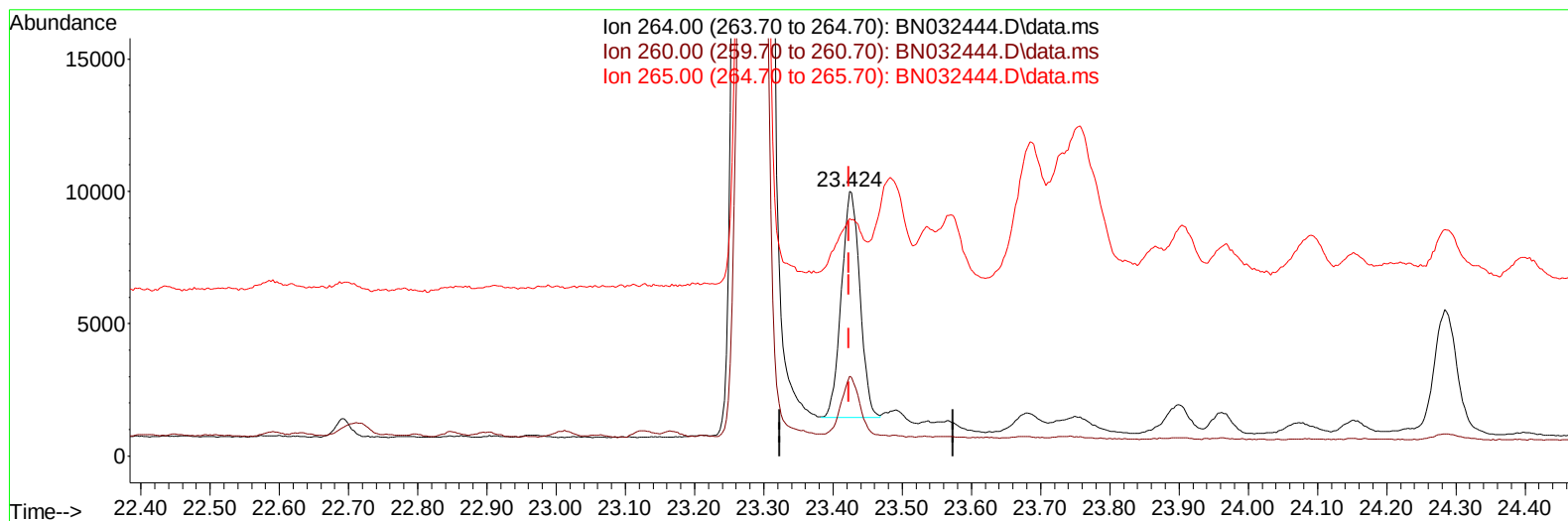
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(23) Perylene-d12 (I)

23.424min (+ 0.000) 0.40 ng/ul m

response 15911

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	30.14
265.00	67.20	89.78#
0.00	0.00	0.00

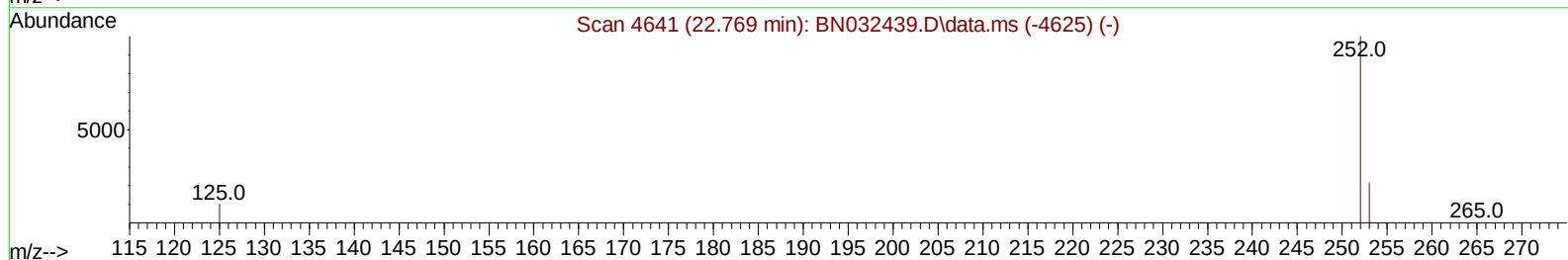
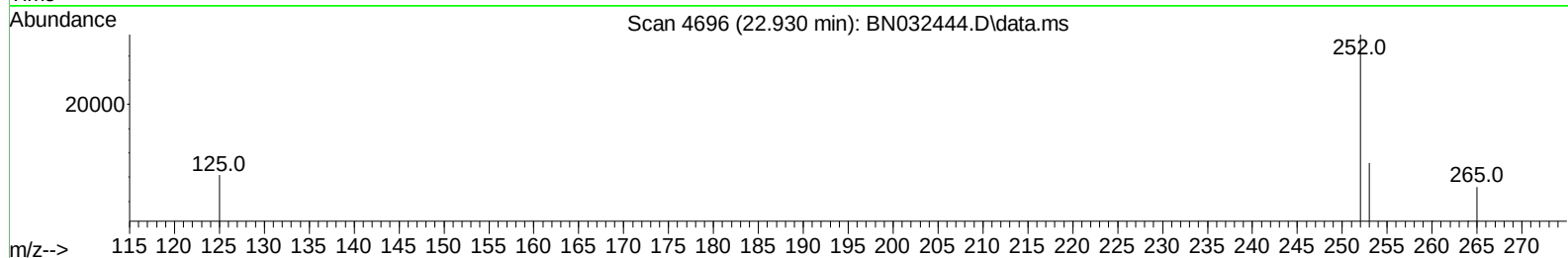
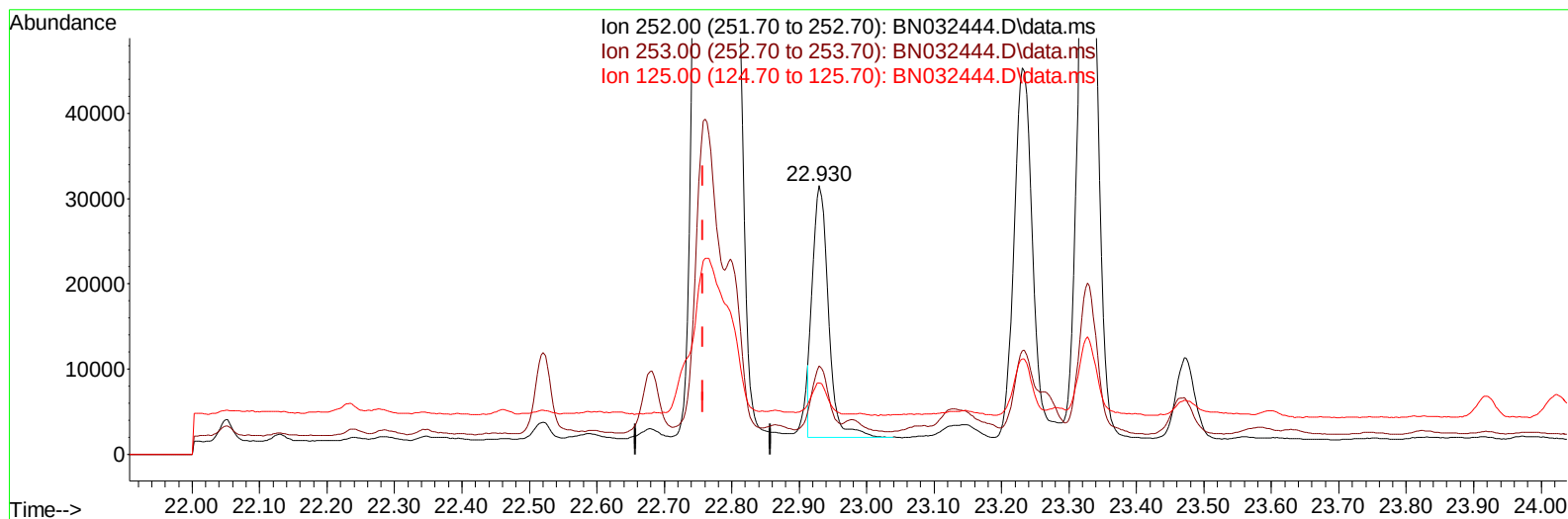
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.173) 0.70 ng/u1

response 48732

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.82
125.00	16.00	26.44
0.00	0.00	0.00

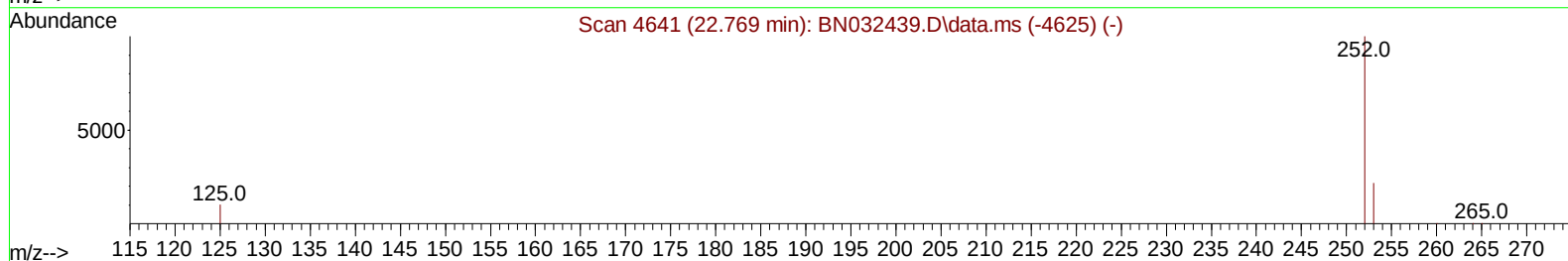
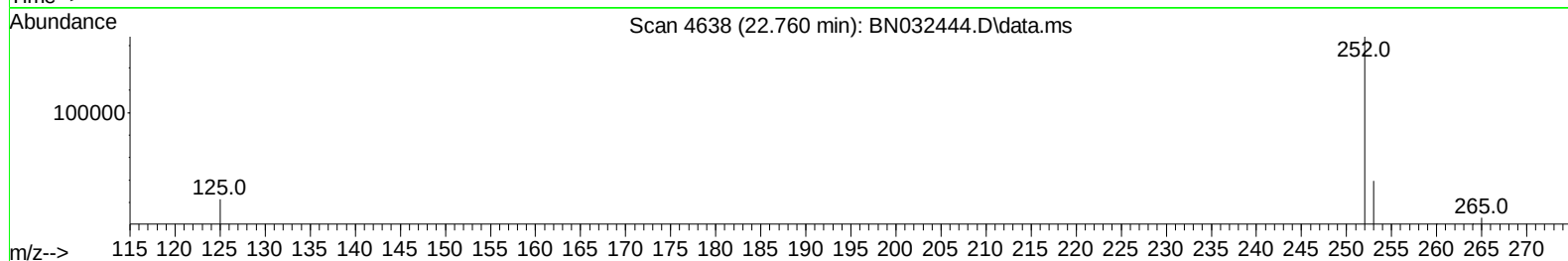
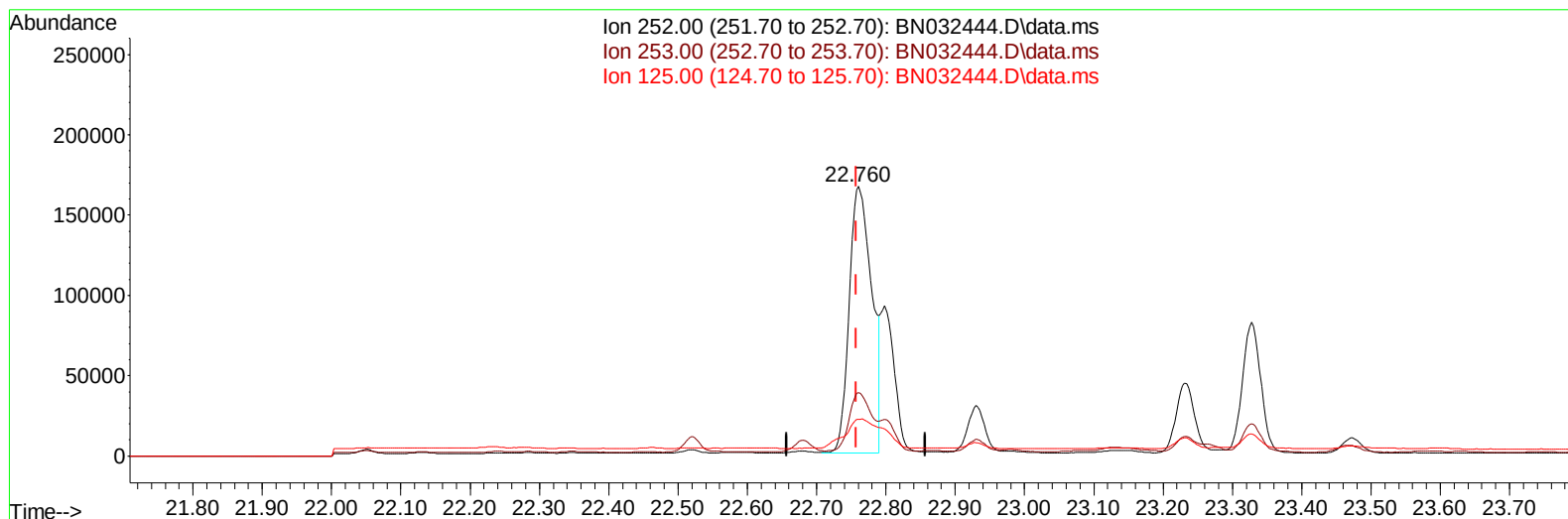
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (+ 0.003) 5.44 ng/u1 m

response 376214

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.44
125.00	16.00	13.70
0.00	0.00	0.00

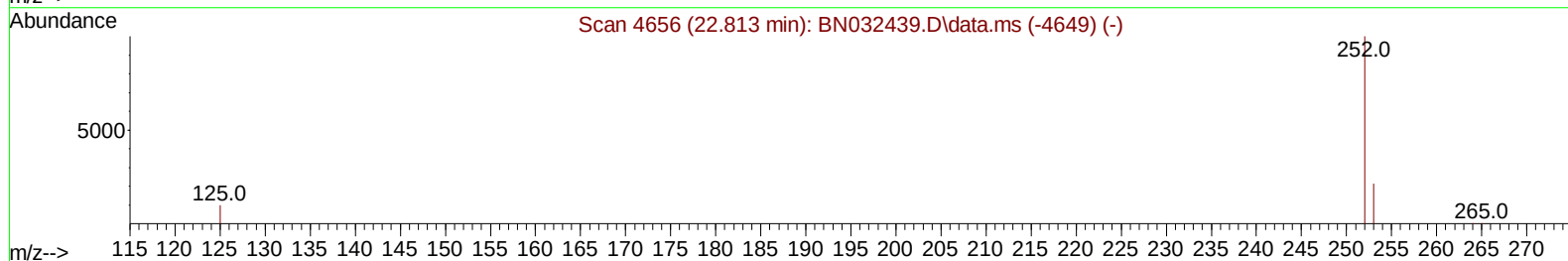
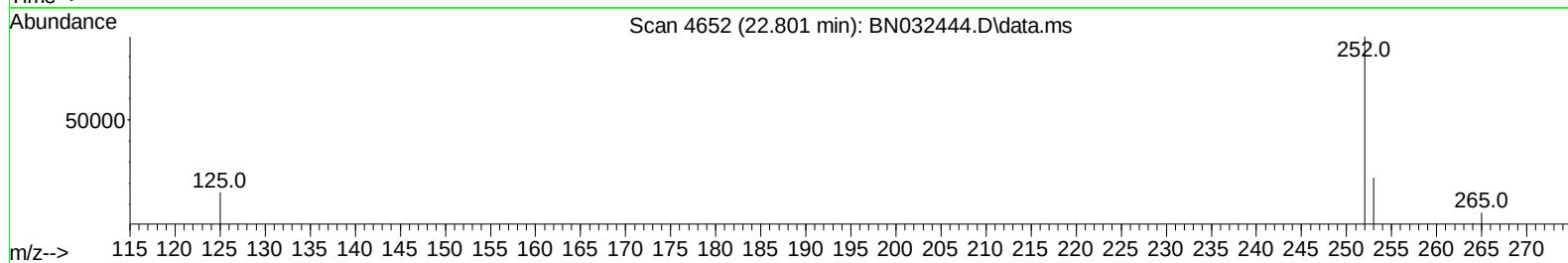
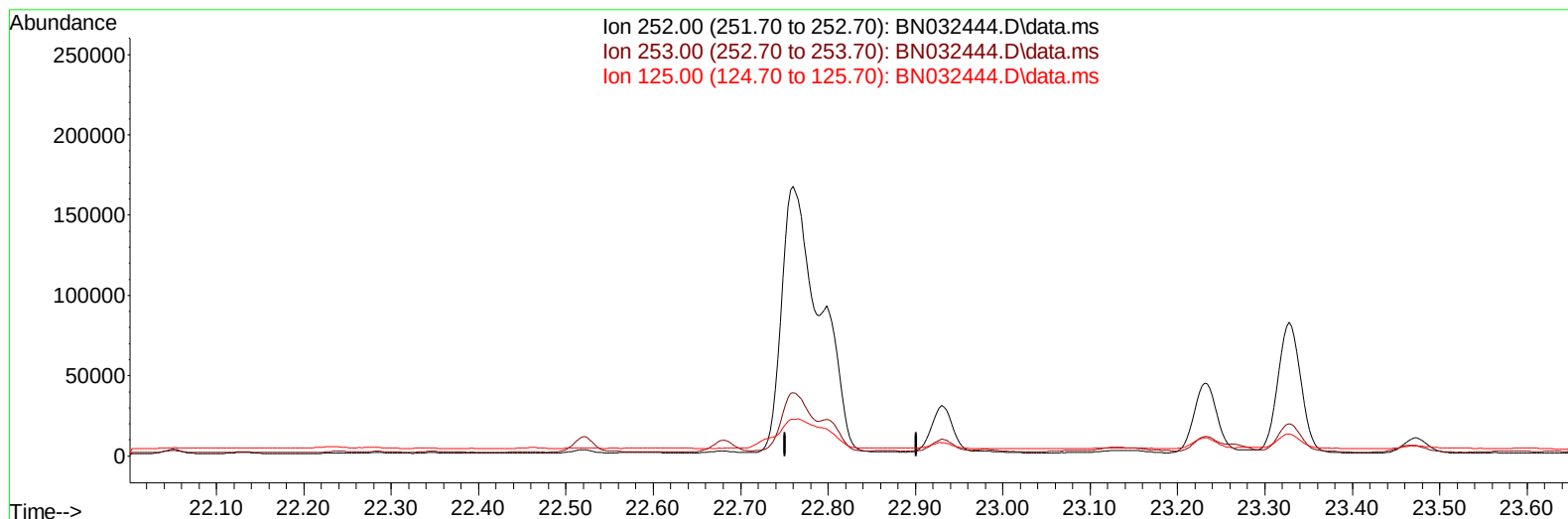
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-22.801) 0.00 ng/u1

response 0

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

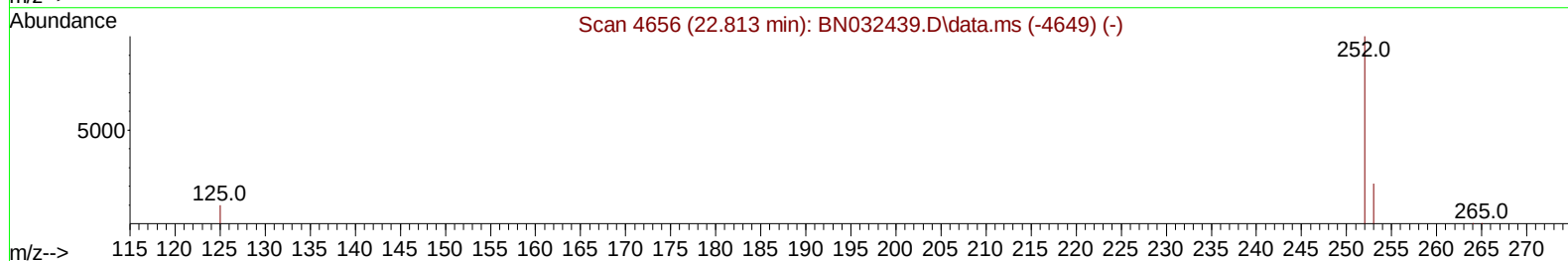
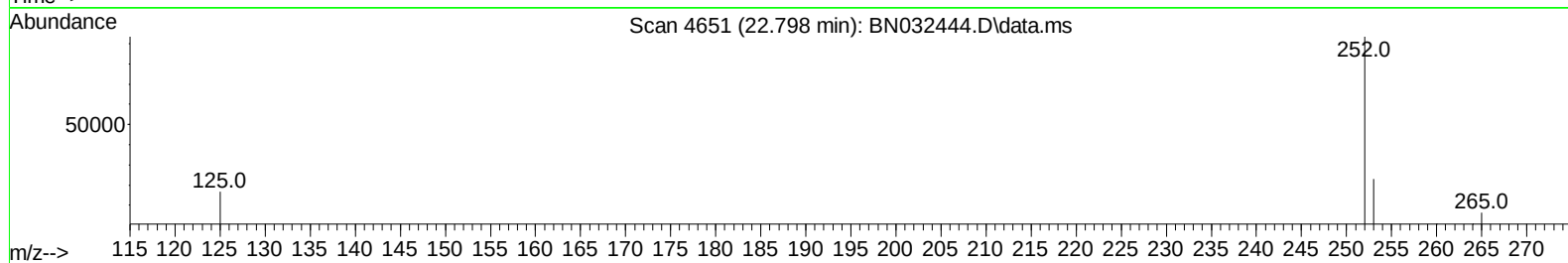
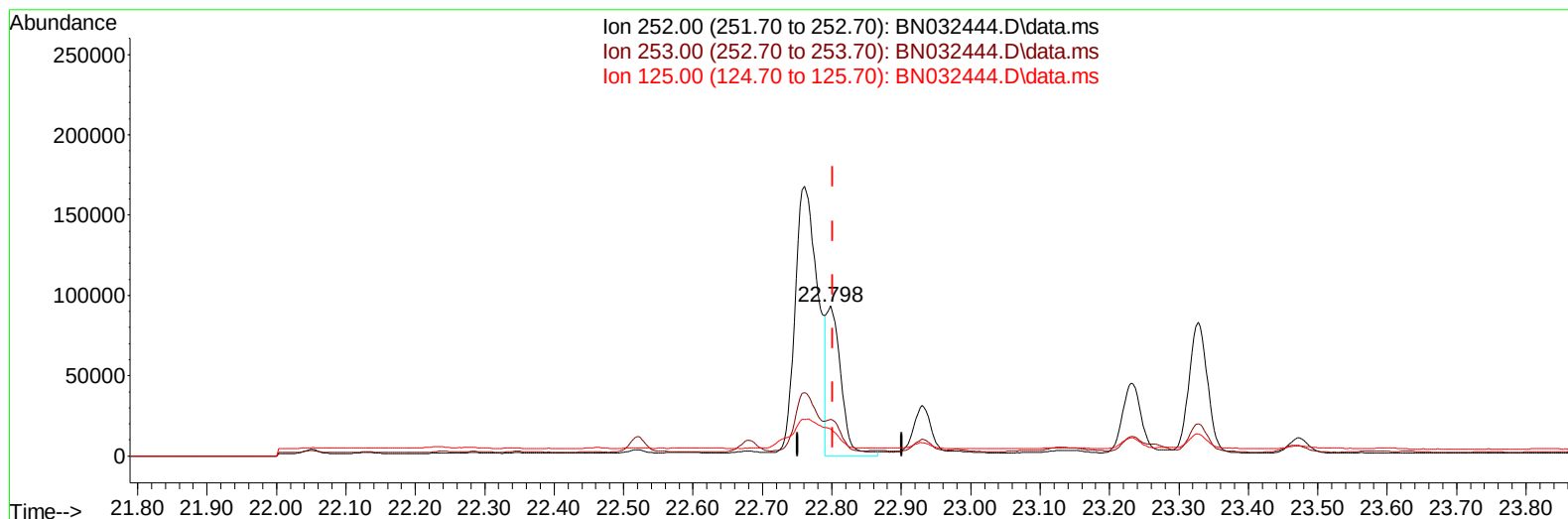
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(25) Benzo(k)fluoranthene

22.798min (-0.003) 2.04 ng/ul m

response 137049

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.53
125.00	16.00	17.86
0.00	0.00	0.00

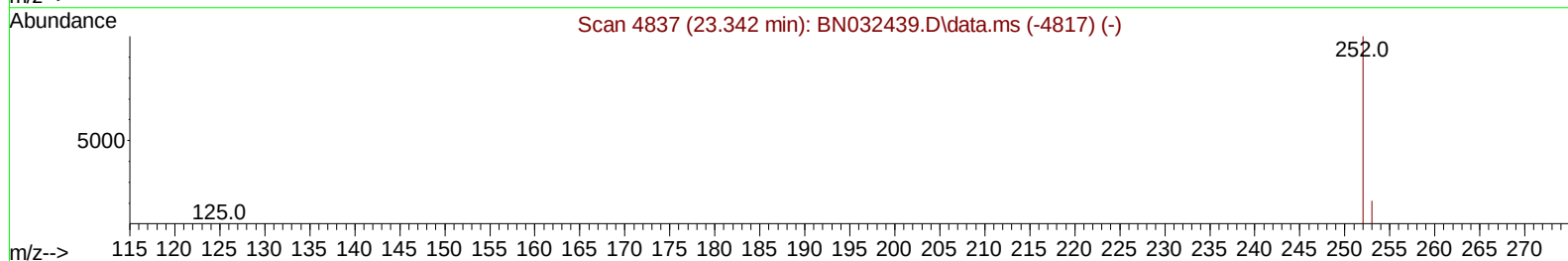
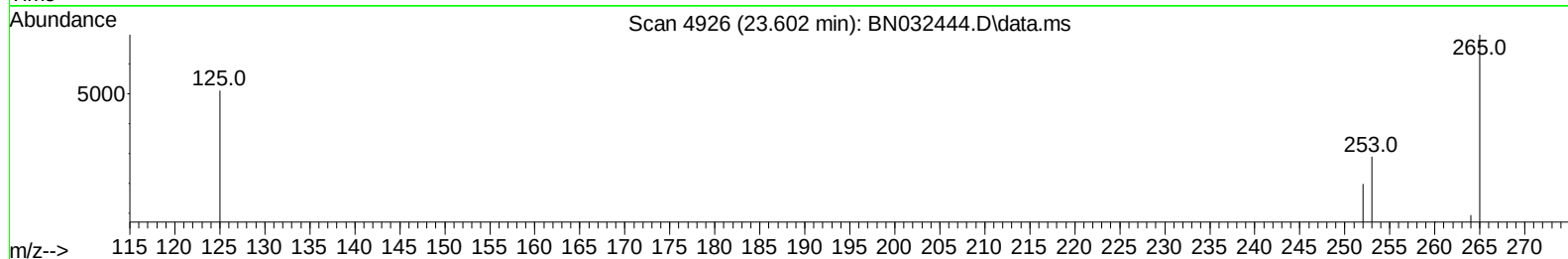
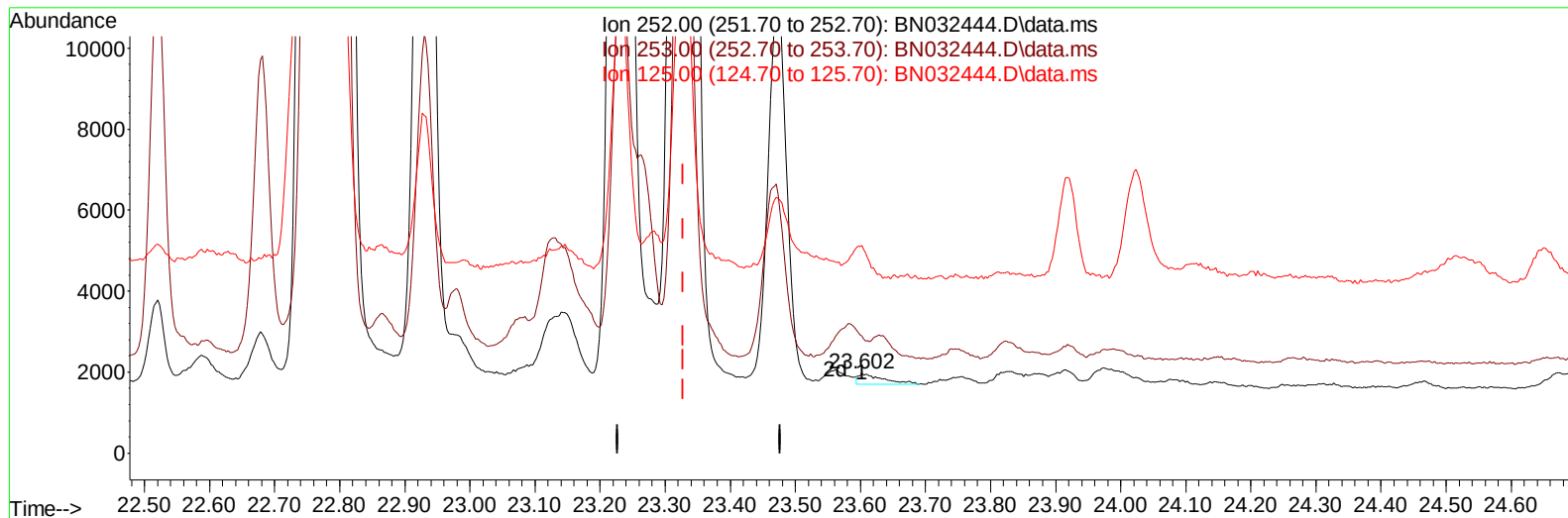
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(26) Benzo(a)pyrene (C)

23.602min (+ 0.275) 0.01 ng/u1

response 686

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	146.01#
125.00	20.50	258.90#
0.00	0.00	0.00

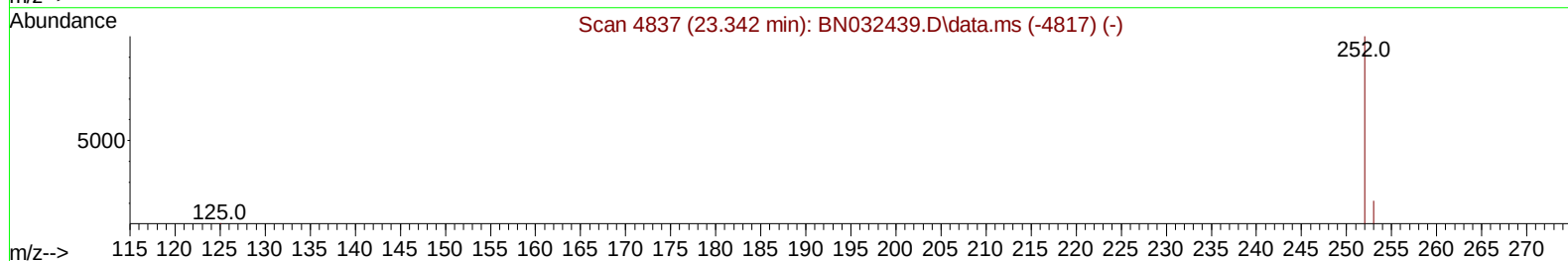
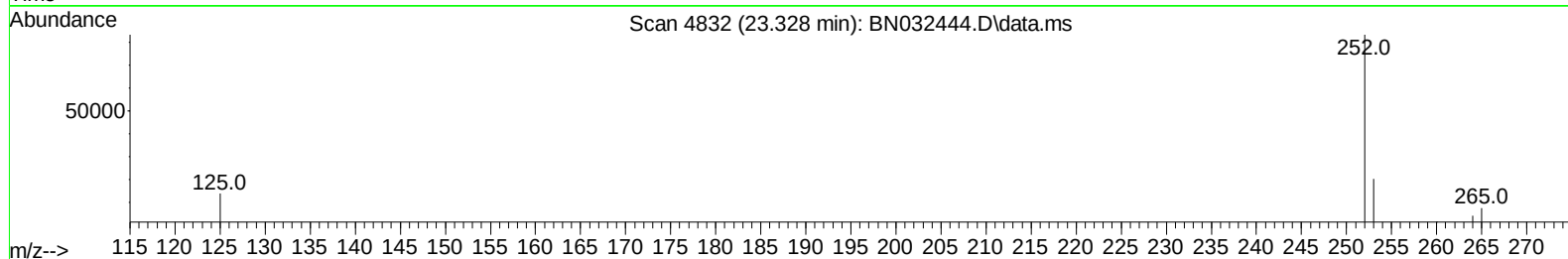
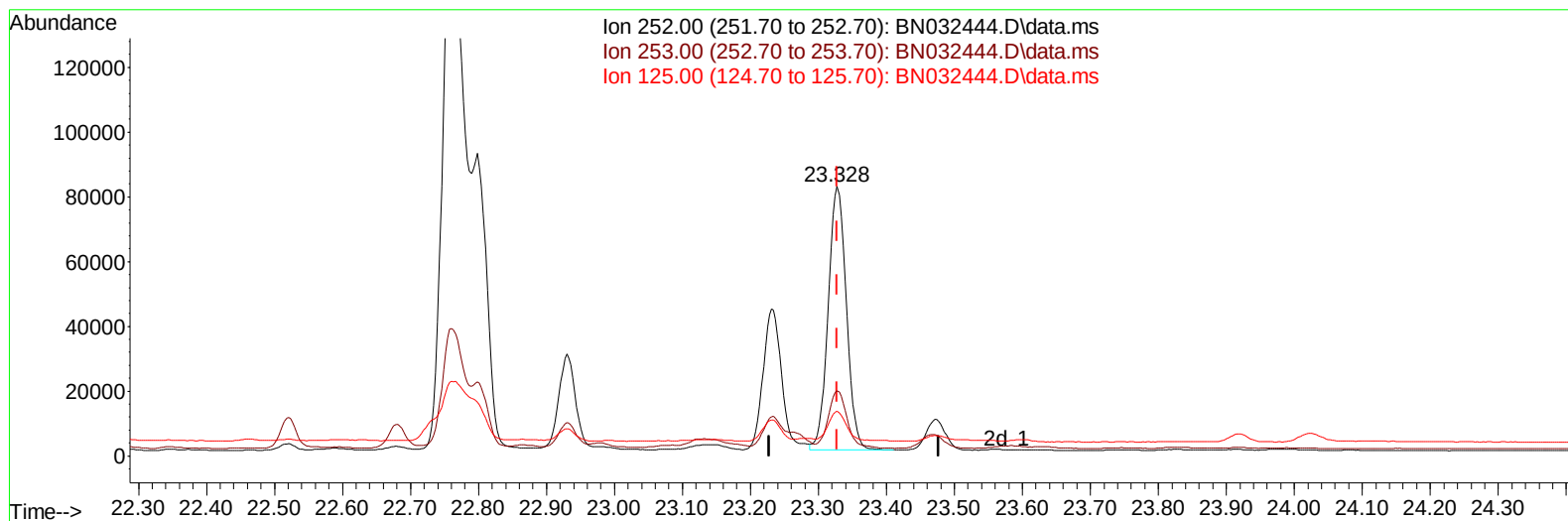
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

(26) Benzo(a)pyrene (C)

23.328min (+ 0.000) 3.16 ng/ul m

response 152019

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.19
125.00	20.50	16.57
0.00	0.00	0.00

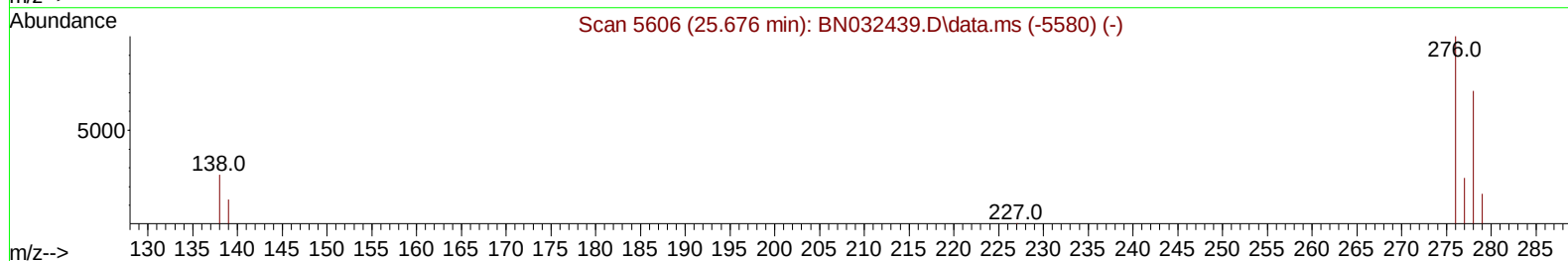
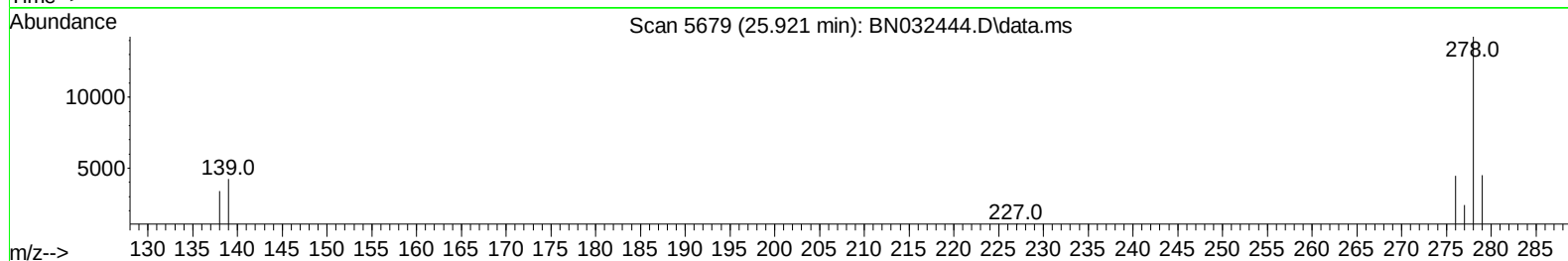
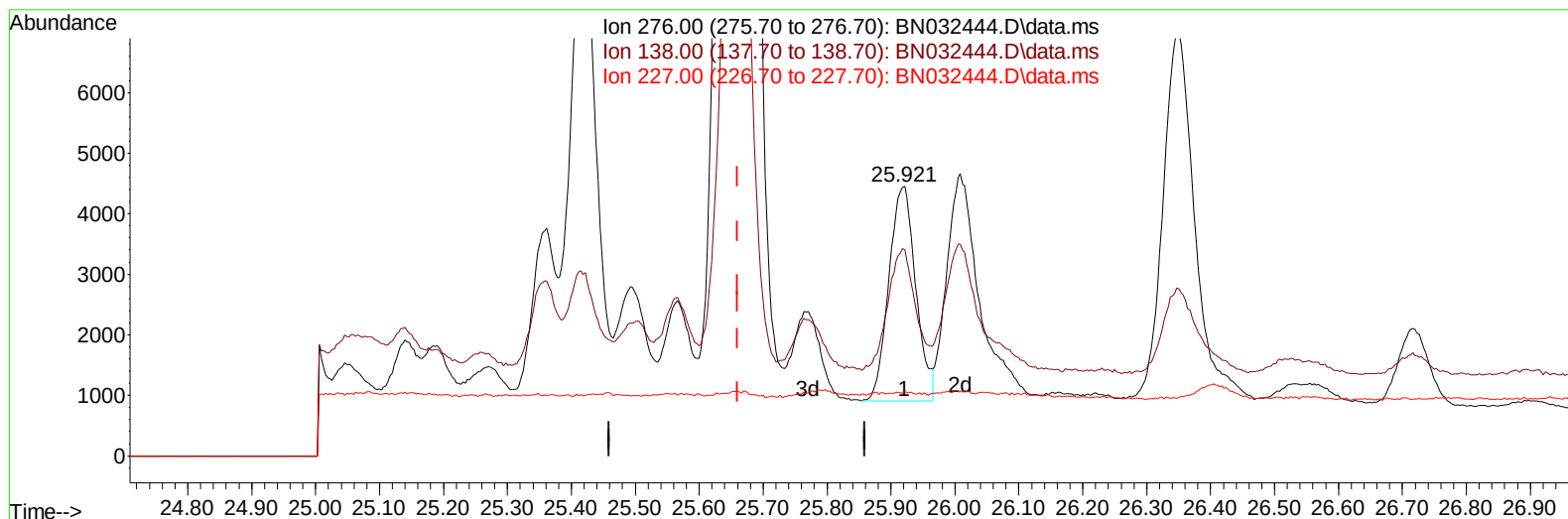
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 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 : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

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

25.921min (+ 0.262) 0.14 ng/u1

response 10321

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	57.95#
227.00	0.10	0.70#
0.00	0.00	0.00

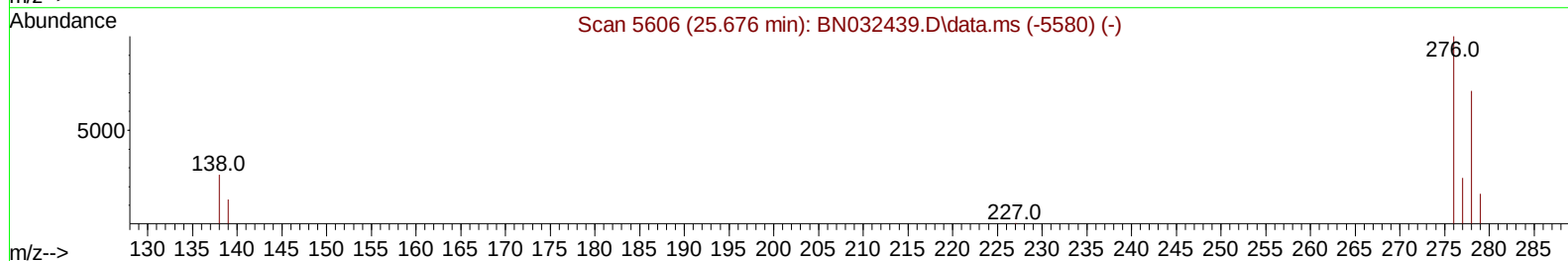
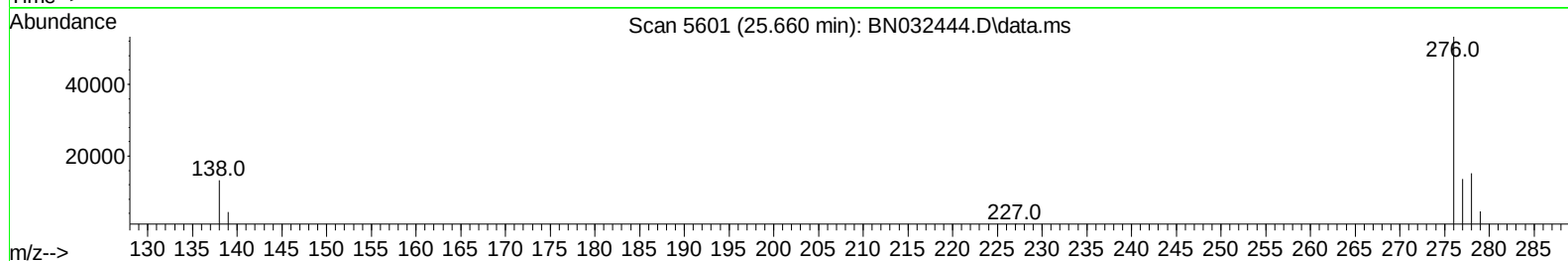
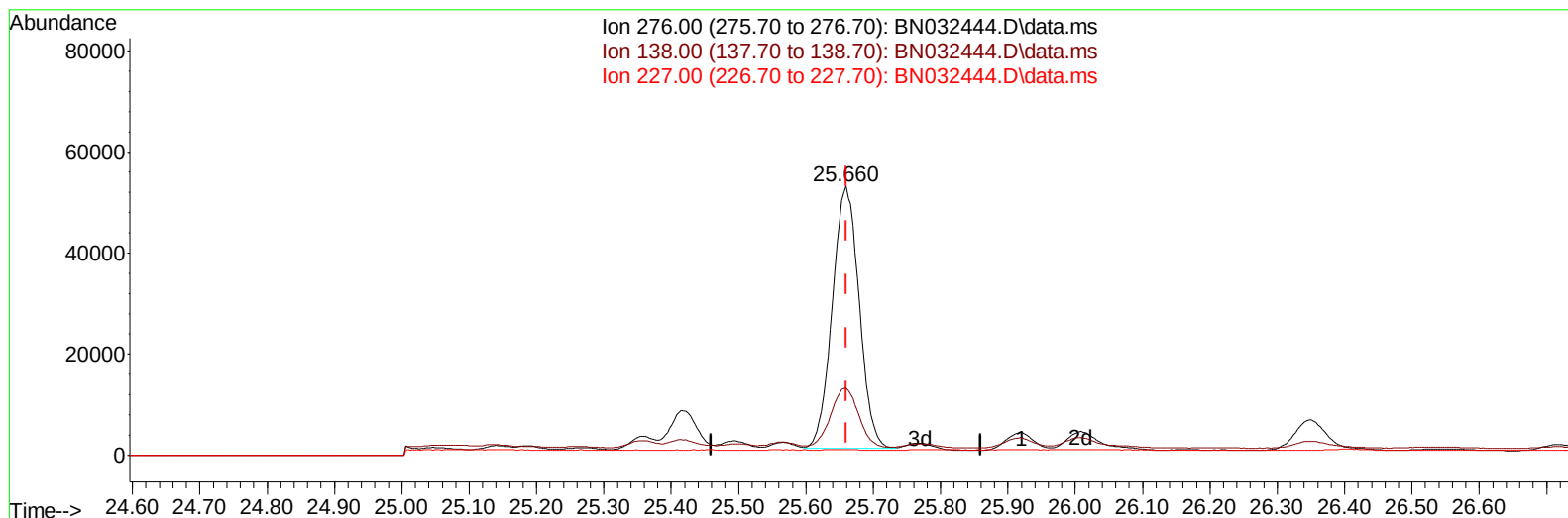
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032444.D
 Acq On : 03 Jul 2024 19:59
 Operator : MA/JU
 Sample : P2963-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032444.D\data.ms

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

25.660min (+ 0.000) 1.90 ng/ul m

response 143430

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.17#
227.00	0.10	0.05#
0.00	0.00	0.00

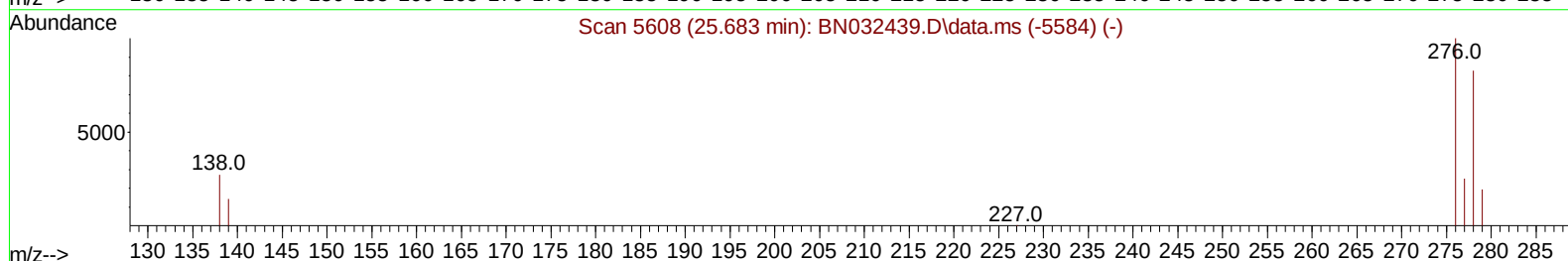
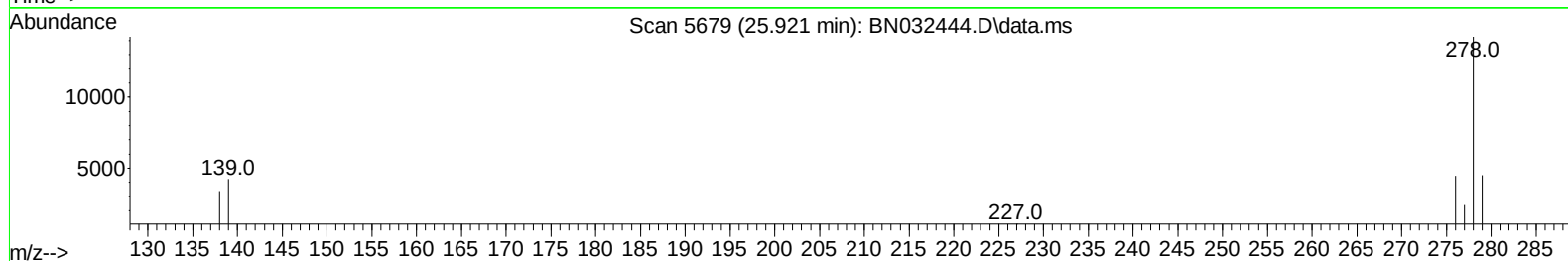
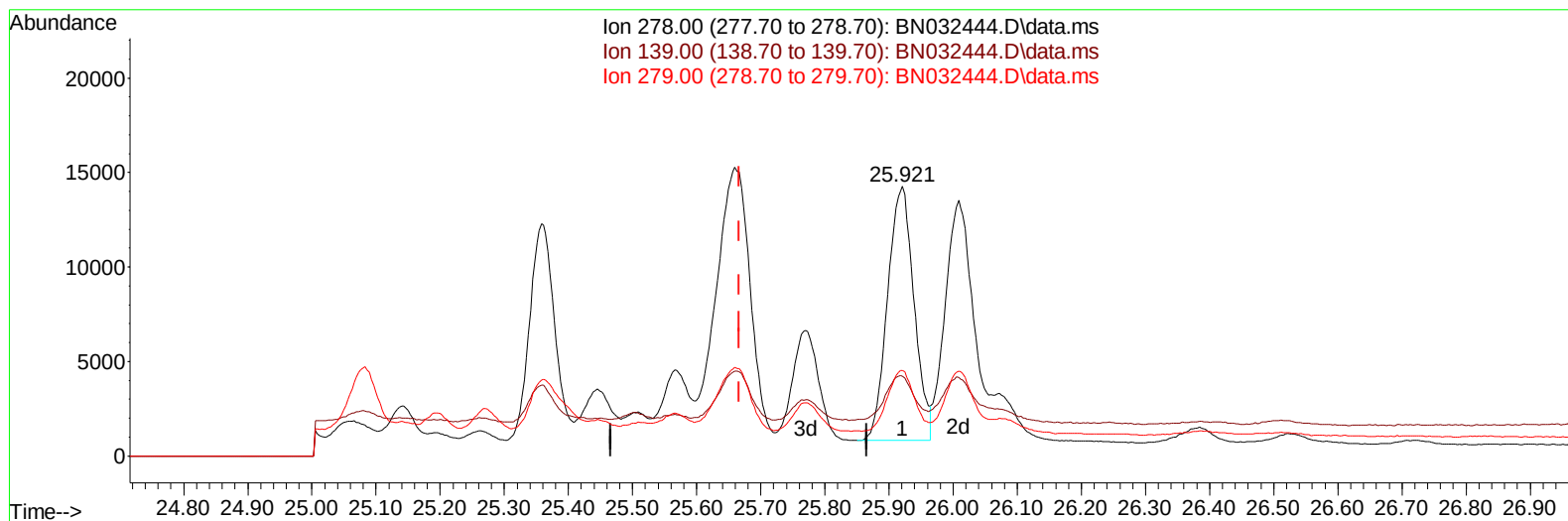
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

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TIC: BN032444.D\data.ms

(28) Dibenzo(a,h)anthracene

25.921min (+ 0.255) 0.69 ng/u1

response 38704

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.60#
279.00	26.40	31.70#
0.00	0.00	0.00

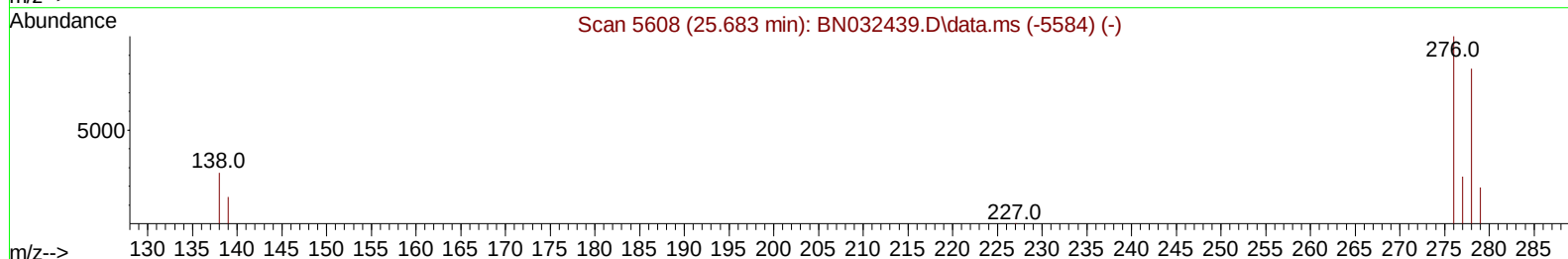
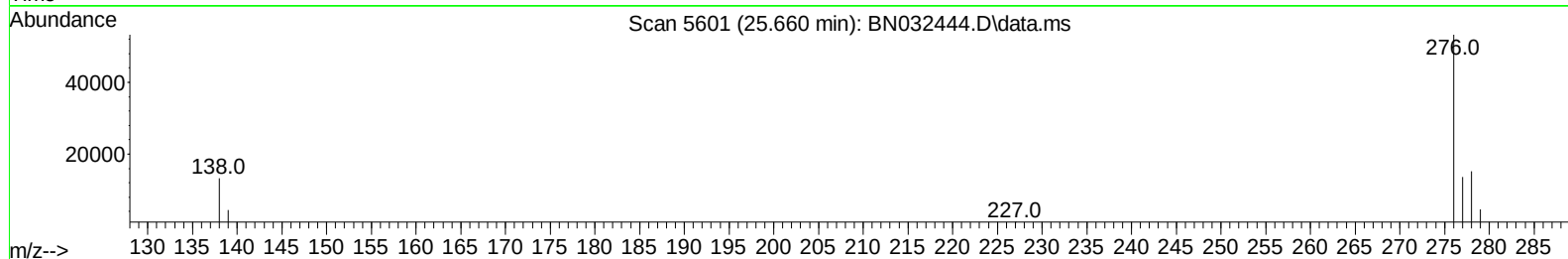
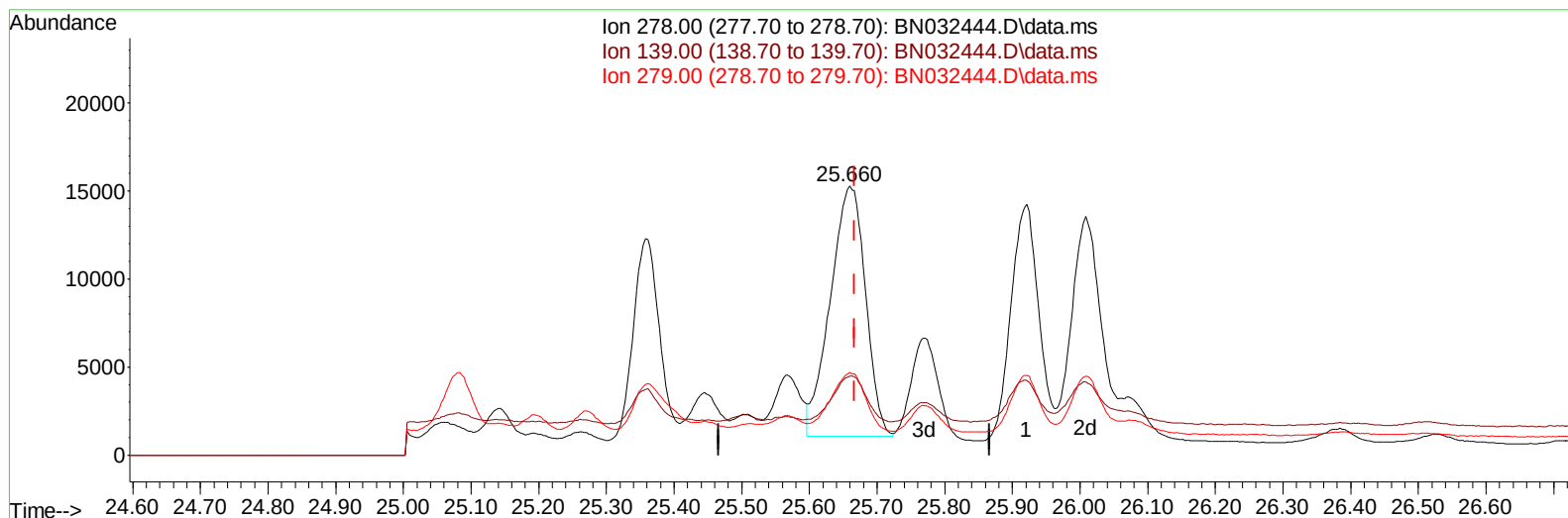
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:49:50 2024
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TIC: BN032444.D\data.ms

(28) Dibenzo(a,h)anthracene

25.660min (-0.007) 0.92 ng/ul m

response 51404

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	29.45#
279.00	26.40	30.67
0.00	0.00	0.00

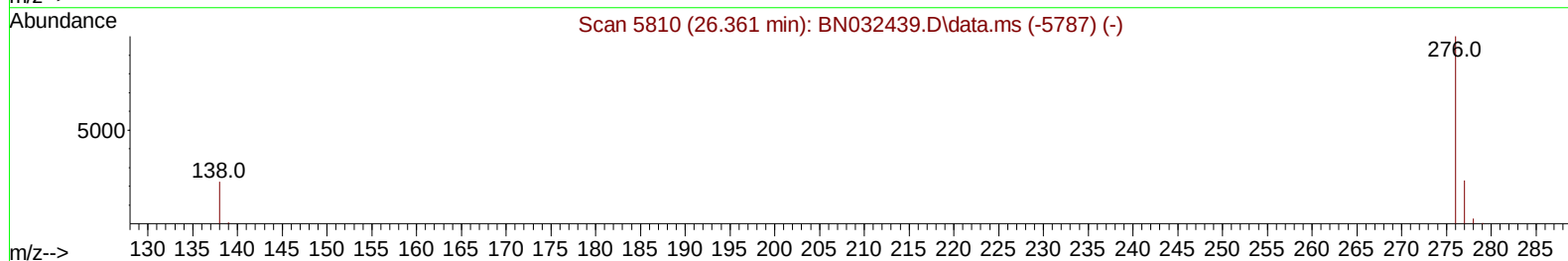
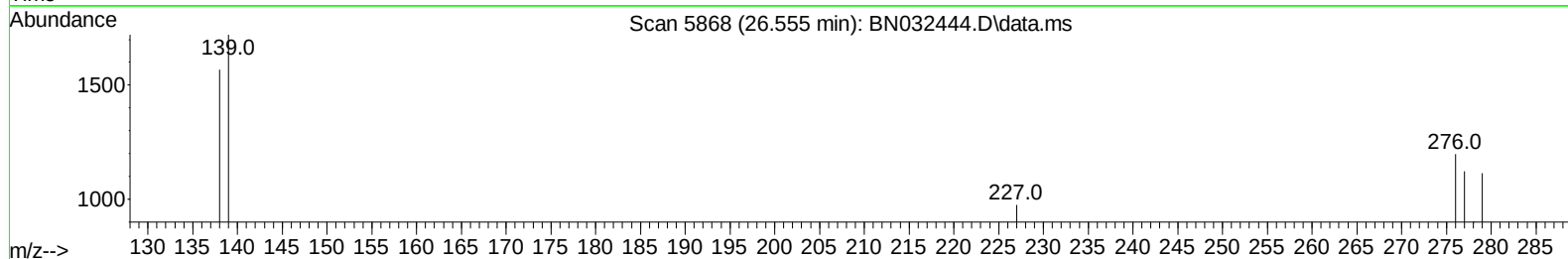
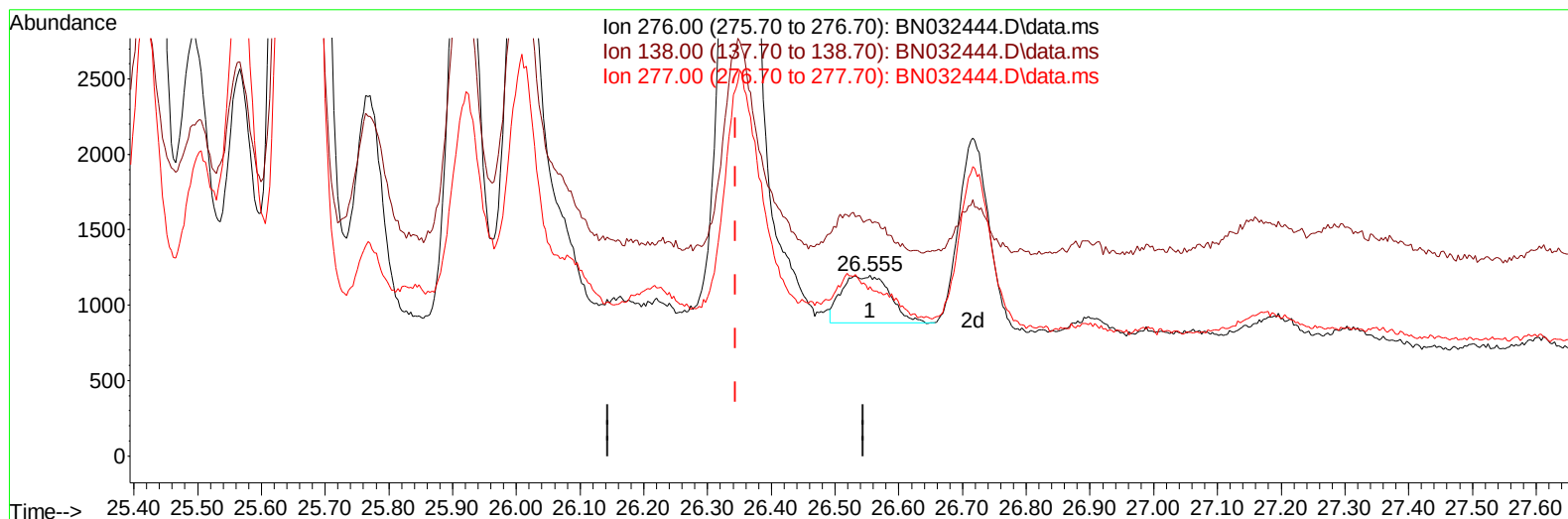
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

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TIC: BN032444.D\data.ms

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

26.555min (+ 0.211) 0.03 ng/u1

response 1633

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	130.88#
277.00	24.70	93.57#
0.00	0.00	0.00

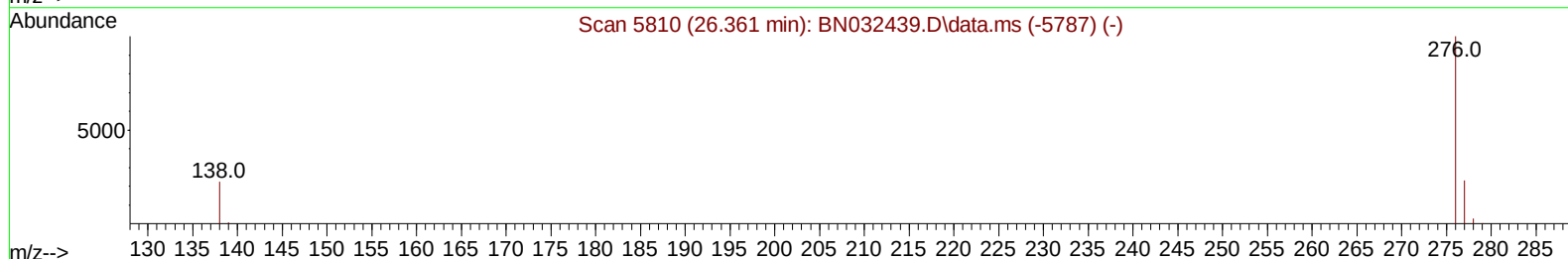
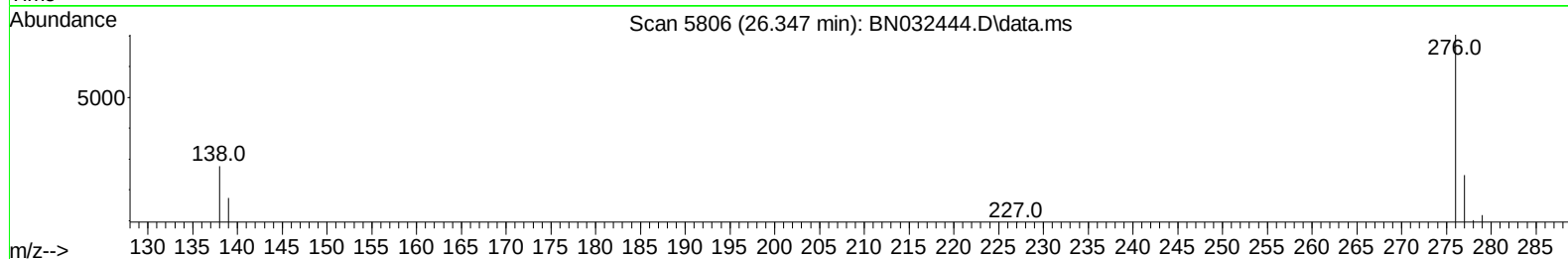
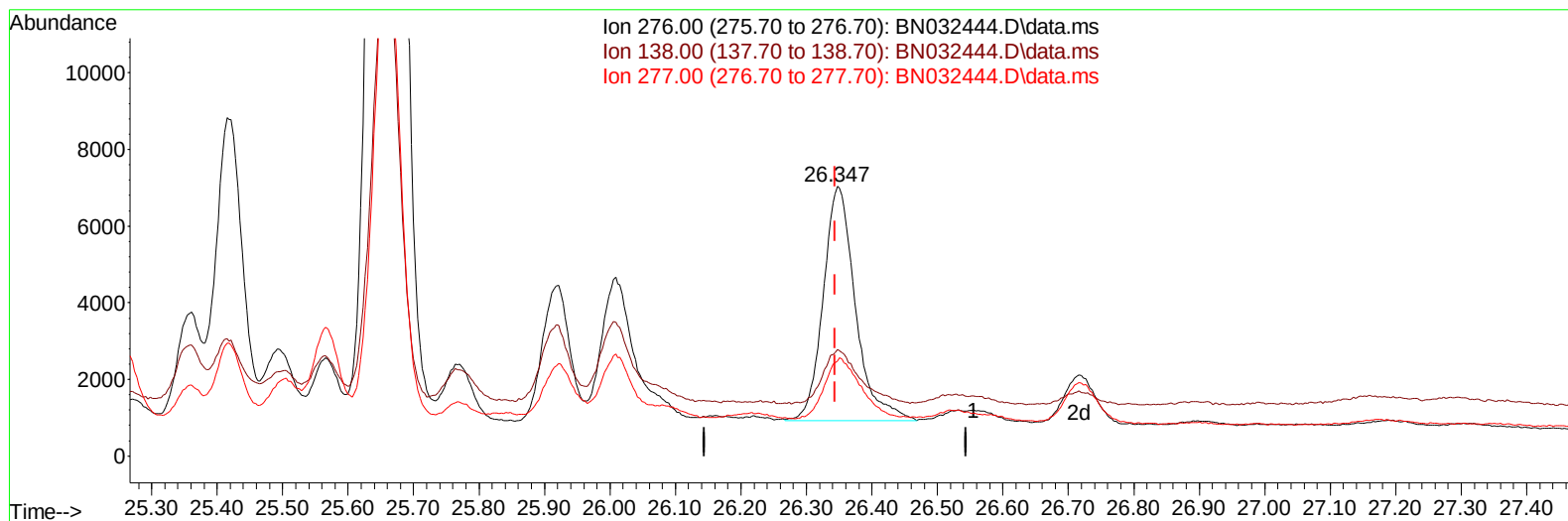
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032444.D
Acq On : 03 Jul 2024 19:59
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CR0

Manual IntegrationsAPPROVED

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TIC: BN032444.D\data.ms

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

26.347min (+ 0.003) 0.35 ng/ul m

response 20994

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	39.41#
277.00	24.70	35.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032444.D
 Acq On : 03 Jul 2024 19:59
 Operator : MA/JU
 Sample : P2963-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152		5612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136		16787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164		9646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188		18135m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240		13507m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264		15911m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.144	96		23190	3.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152		6288	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.041	212		11913m	0.293	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.426	128		12142	0.273	ng/ul	98
7) 2-Methylnaphthalene	12.048	142		4960	0.168	ng/ul	99
8) 1-Methylnaphthalene	12.274	142		4370	0.143	ng/ul	98
10) Acenaphthylene	13.971	152		19336	0.482	ng/ul	98
11) Acenaphthene	14.313	153		16555	0.532	ng/ul	99
12) Fluorene	15.308	166		23936	0.645	ng/ul	98
15) Phenanthrene	17.046	178		389179m	7.828	ng/ul	
16) Anthracene	17.139	178		78110m	1.761	ng/ul	
19) Fluoranthene	19.073	202		593288m	11.535	ng/ul	
20) Pyrene	19.436	202		408831m	7.606	ng/ul	
21) Benzo(a)anthracene	21.191	228		260890m	5.352	ng/ul	
22) Chrysene	21.244	228		282987m	5.289	ng/ul	
24) Benzo(b)fluoranthene	22.760	252		376214m	5.442	ng/ul	
25) Benzo(k)fluoranthene	22.798	252		137049m	2.041	ng/ul	
26) Benzo(a)pyrene	23.328	252		152019m	3.161	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276		143430m	1.905	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278		51404m	0.919	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276		20994m	0.350	ng/ul	

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

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