

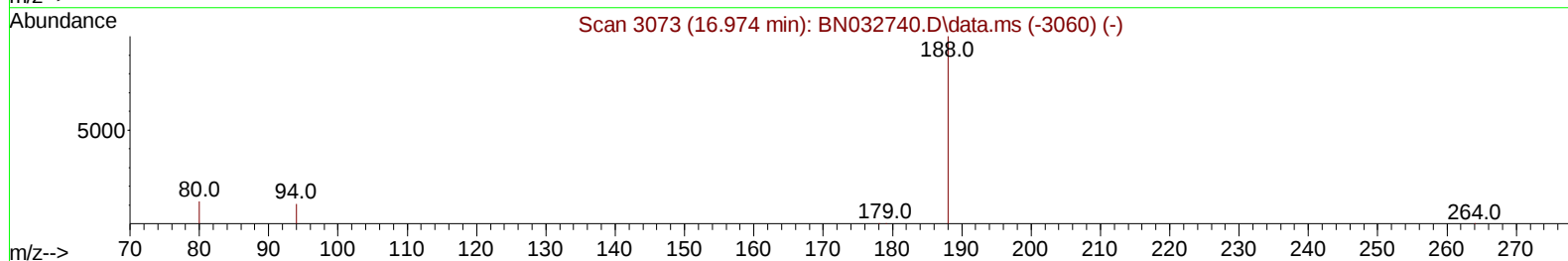
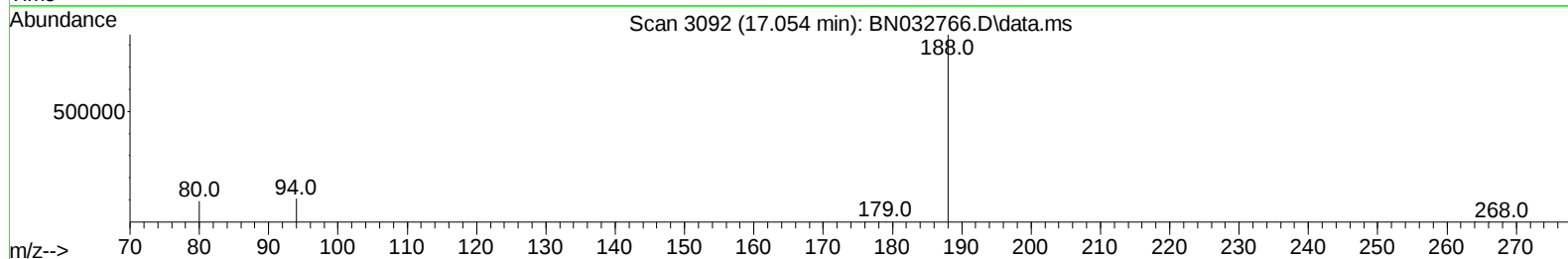
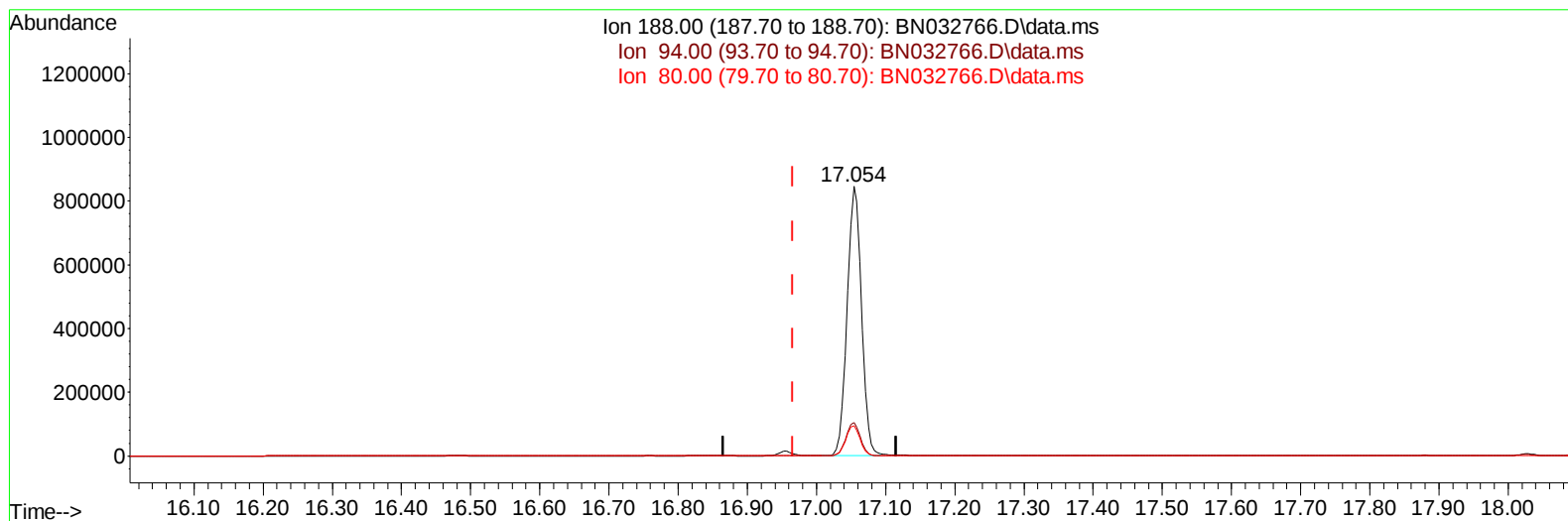
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032766.D\data.ms

(13) Phenanthrene-d10 (I)

17.054min (+ 0.089) 0.40 ng/u1

response 1219641

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.51
80.00	12.00	11.27
0.00	0.00	0.00

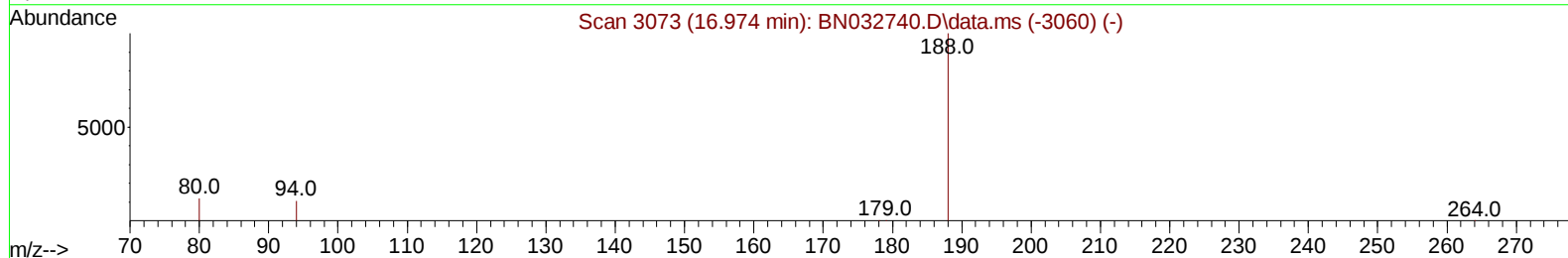
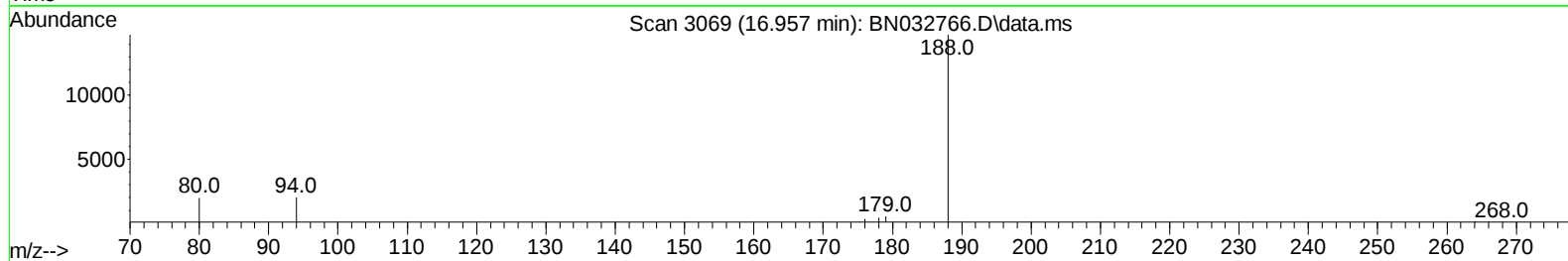
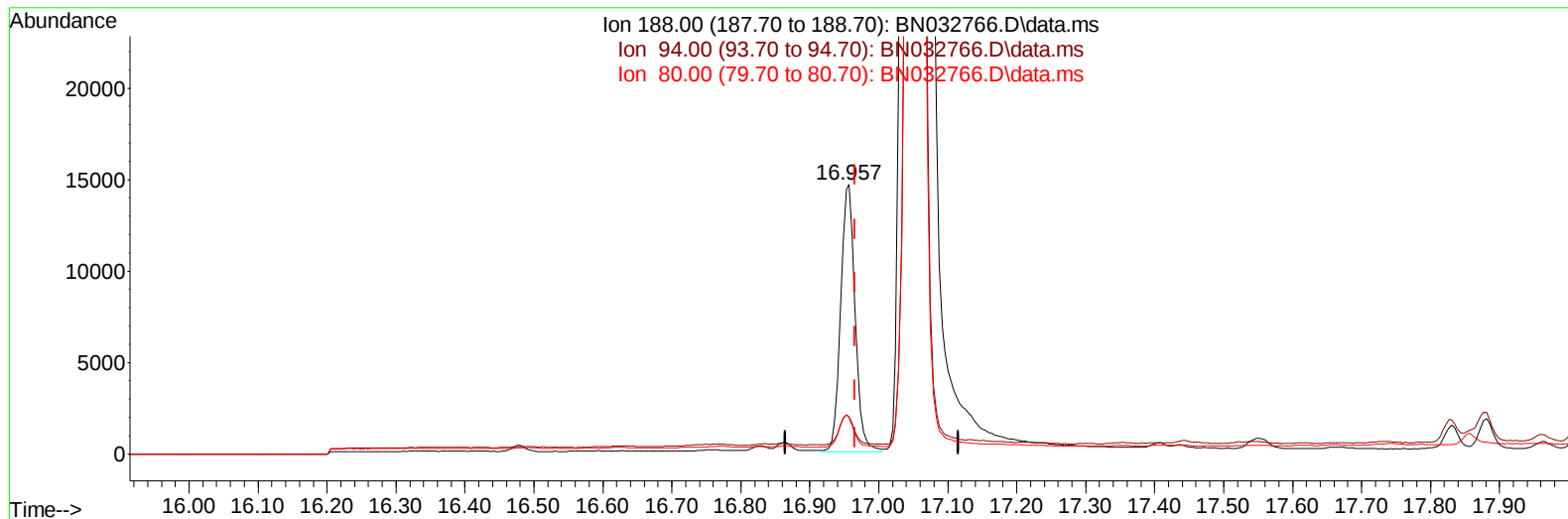
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.009) 0.40 ng/u1 m

response 21191

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.75#
80.00	12.00	13.54
0.00	0.00	0.00

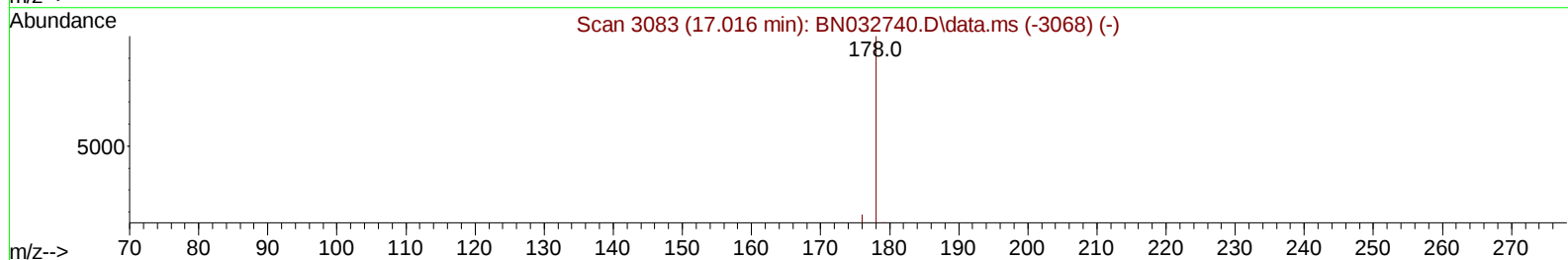
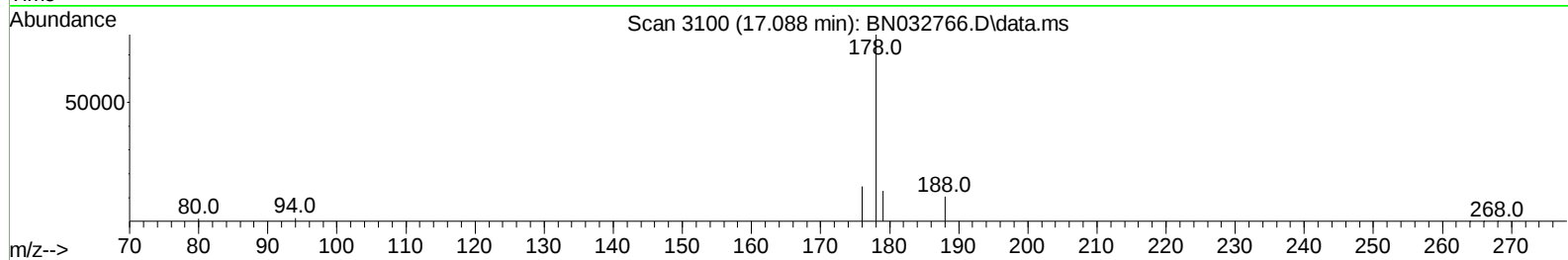
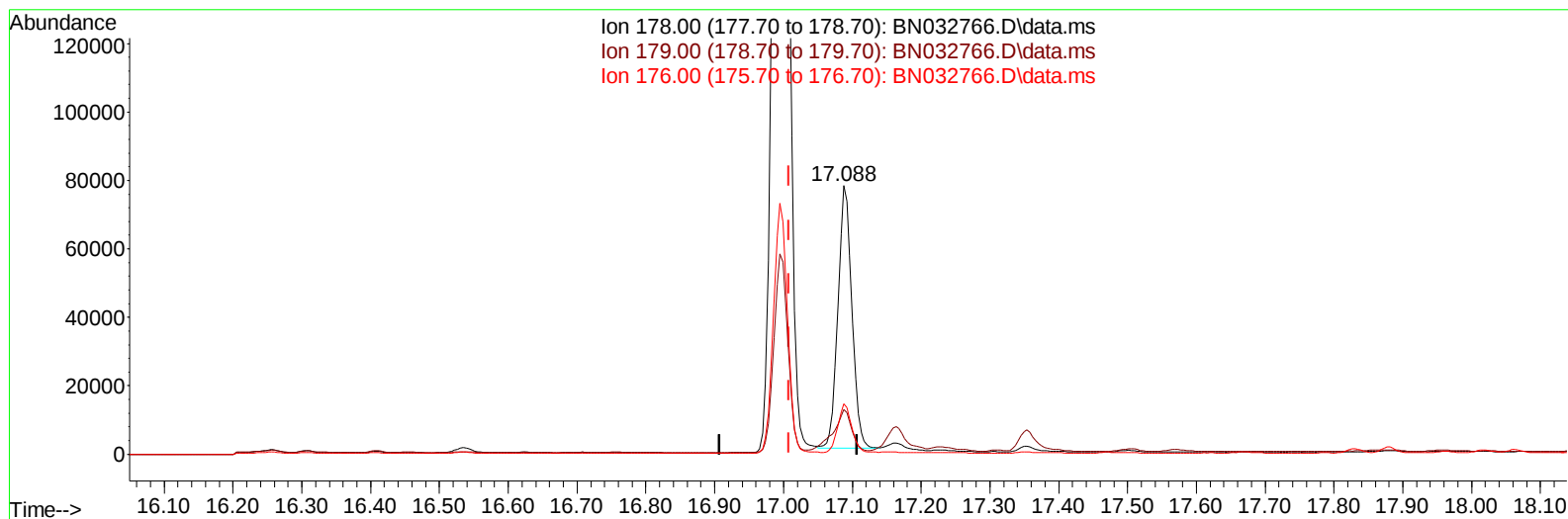
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(15) Phenanthrene

17.088min (+ 0.080) 1.86 ng/u1

response 107298

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.55
176.00	19.50	18.76
0.00	0.00	0.00

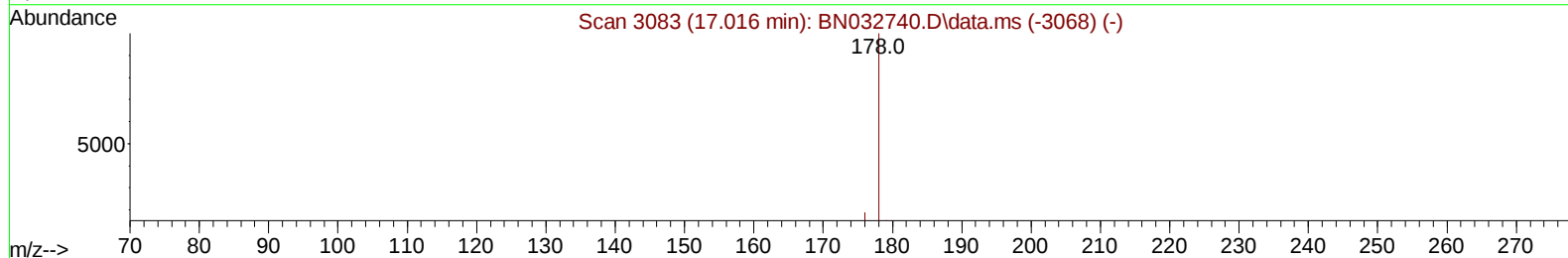
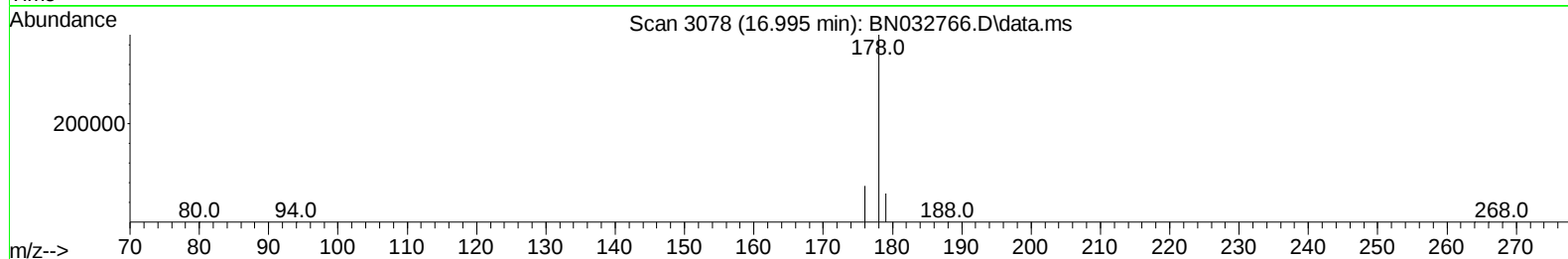
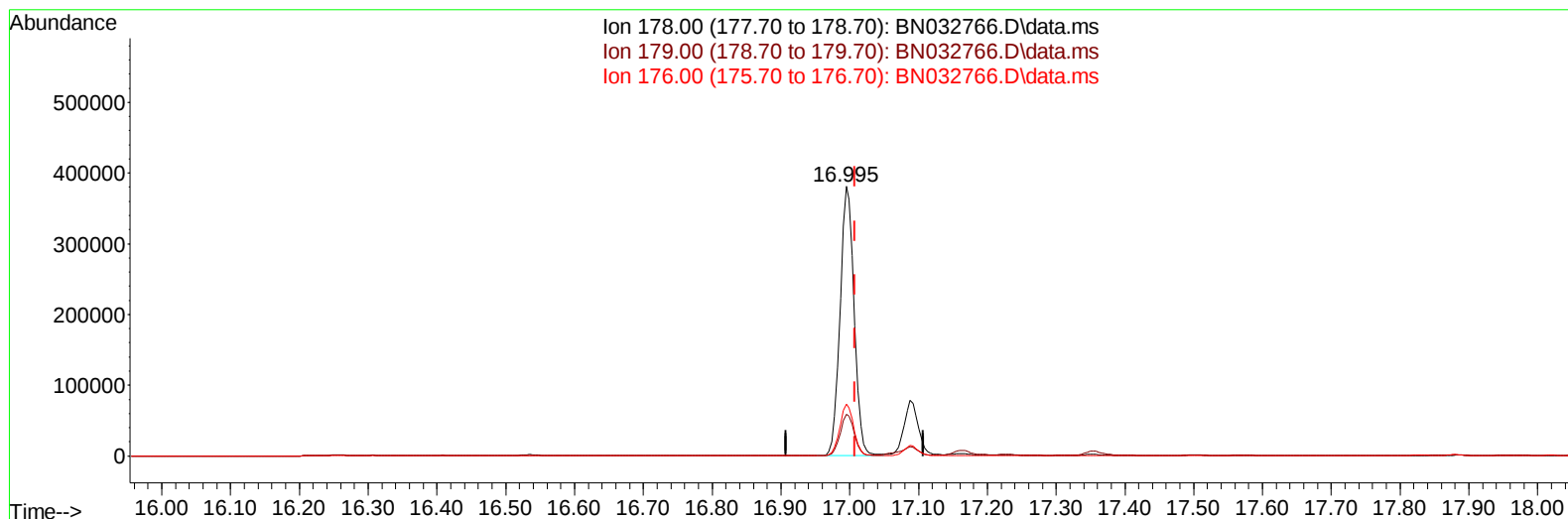
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(15) Phenanthrene

16.995min (-0.013) 9.42 ng/ul m

response 543379

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.38
176.00	19.50	19.23
0.00	0.00	0.00

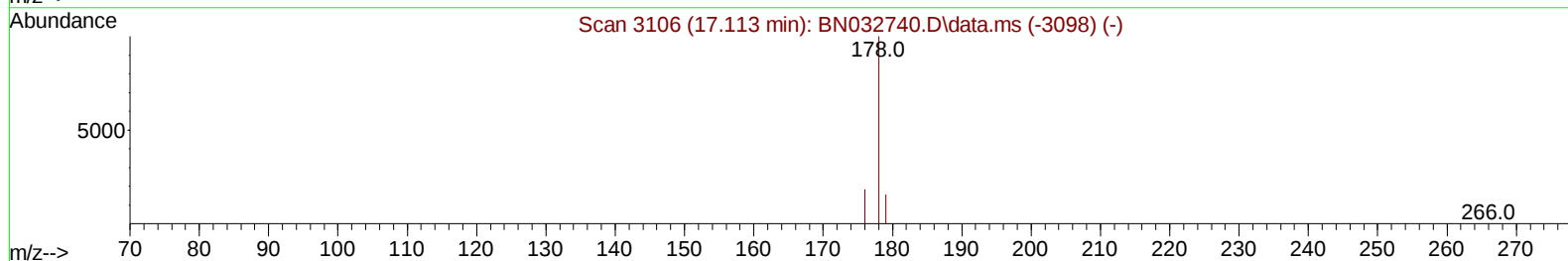
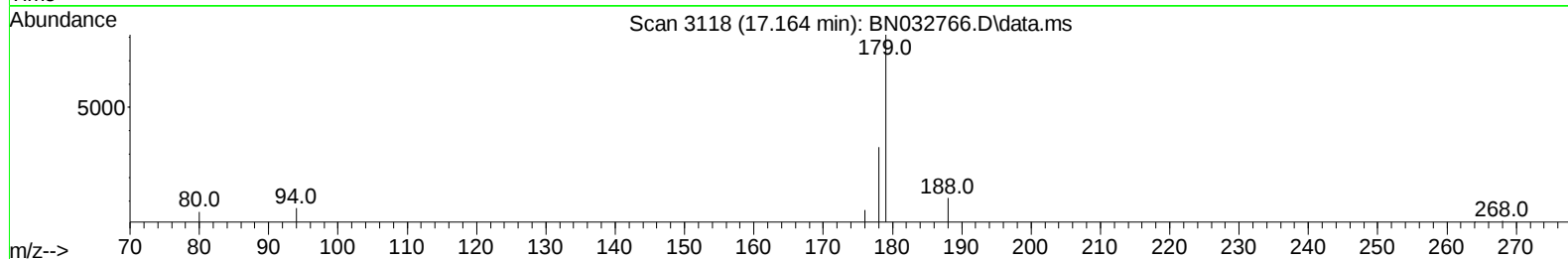
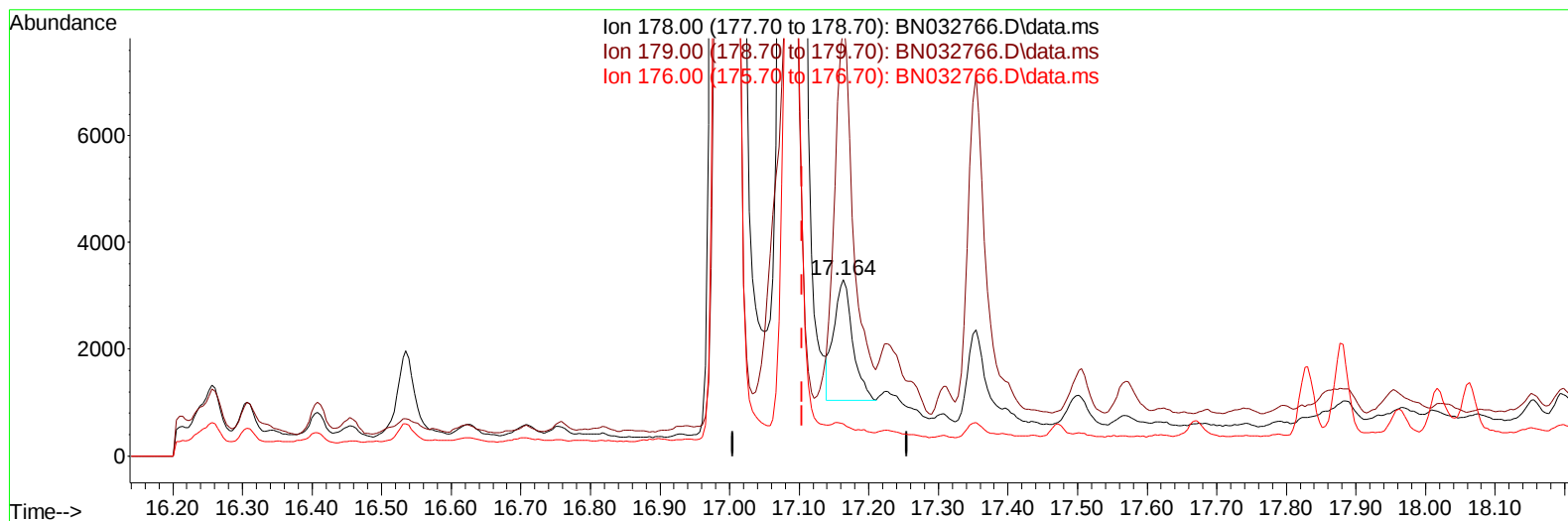
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(16) Anthracene

17.164min (+ 0.059) 0.09 ng/u1

response 4279

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	245.76#
176.00	19.20	18.25
0.00	0.00	0.00

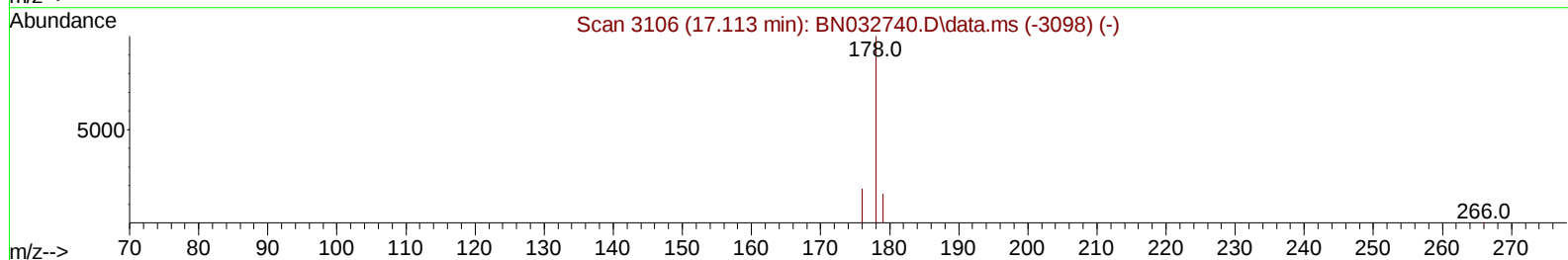
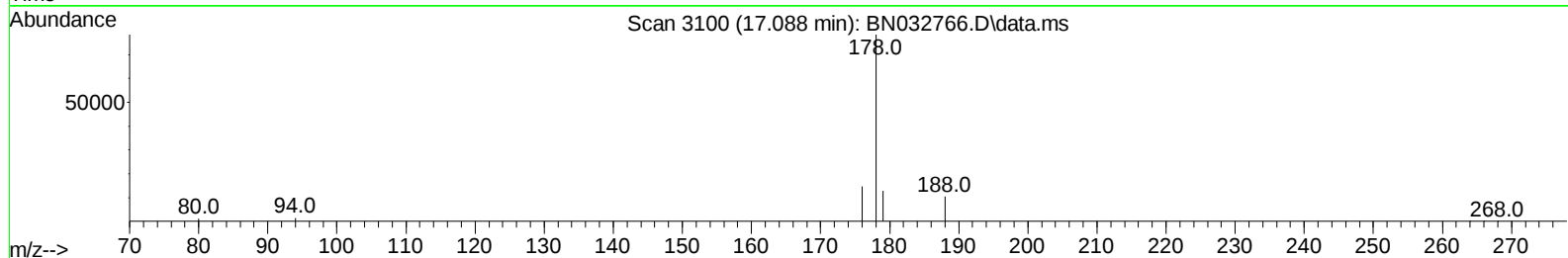
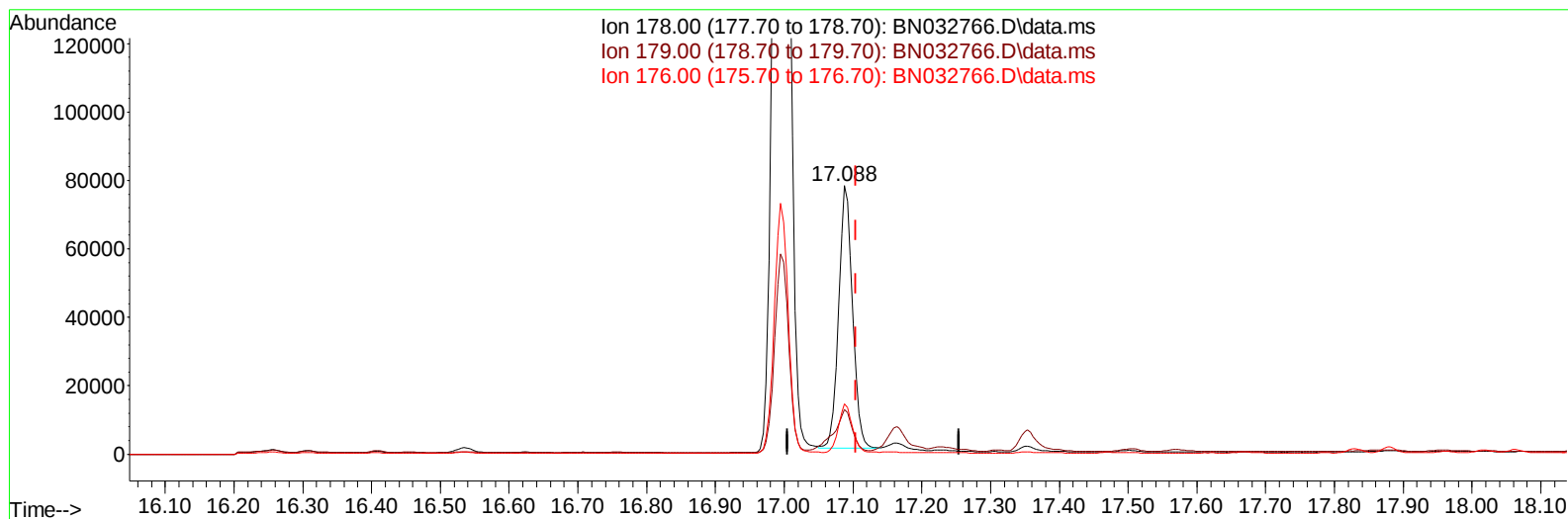
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(16) Anthracene

17.088min (-0.017) 2.29 ng/ul m

response 107798

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.55
176.00	19.20	18.76
0.00	0.00	0.00

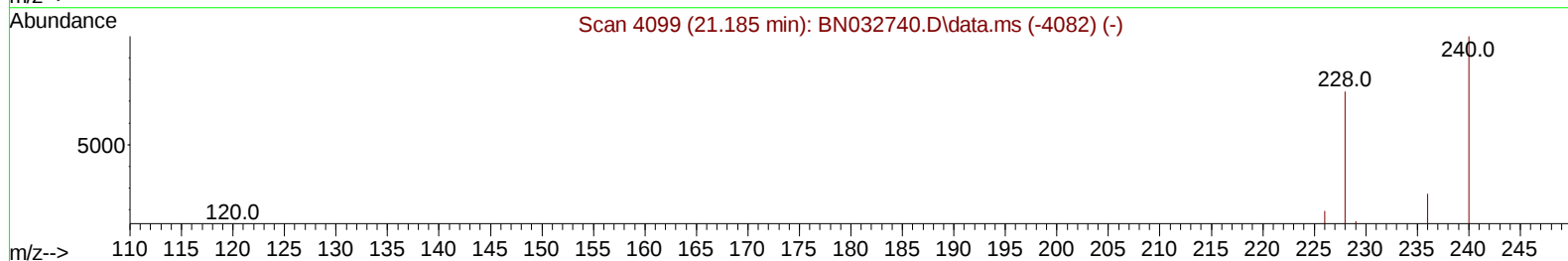
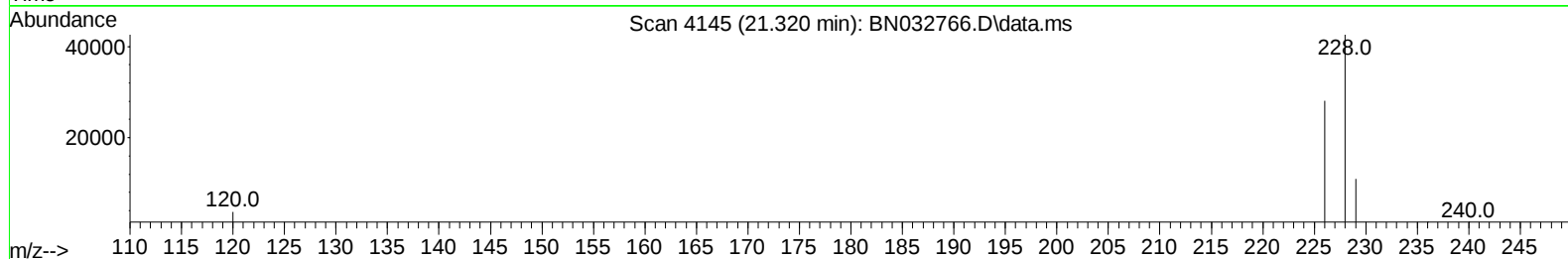
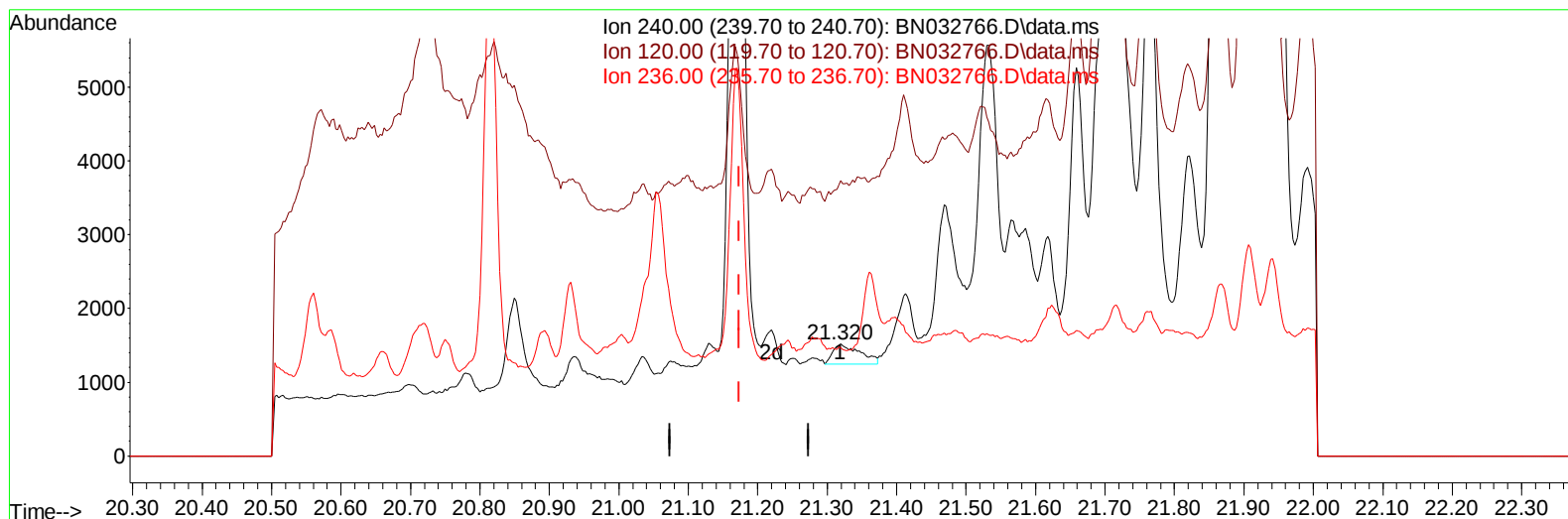
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.146) 0.40 ng/u1

response 740

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	245.69#
236.00	28.40	96.91#
0.00	0.00	0.00

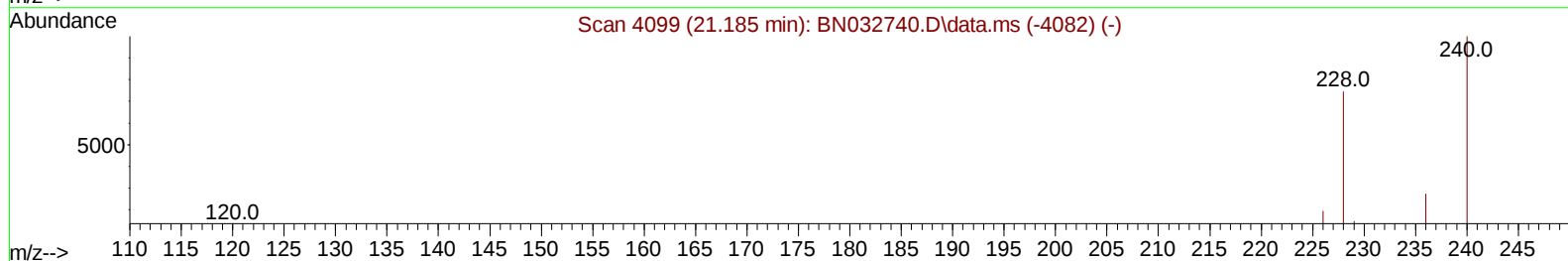
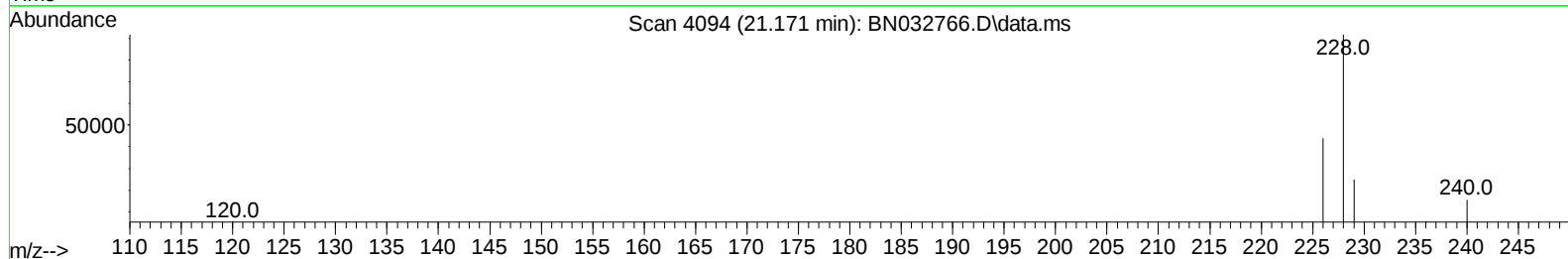
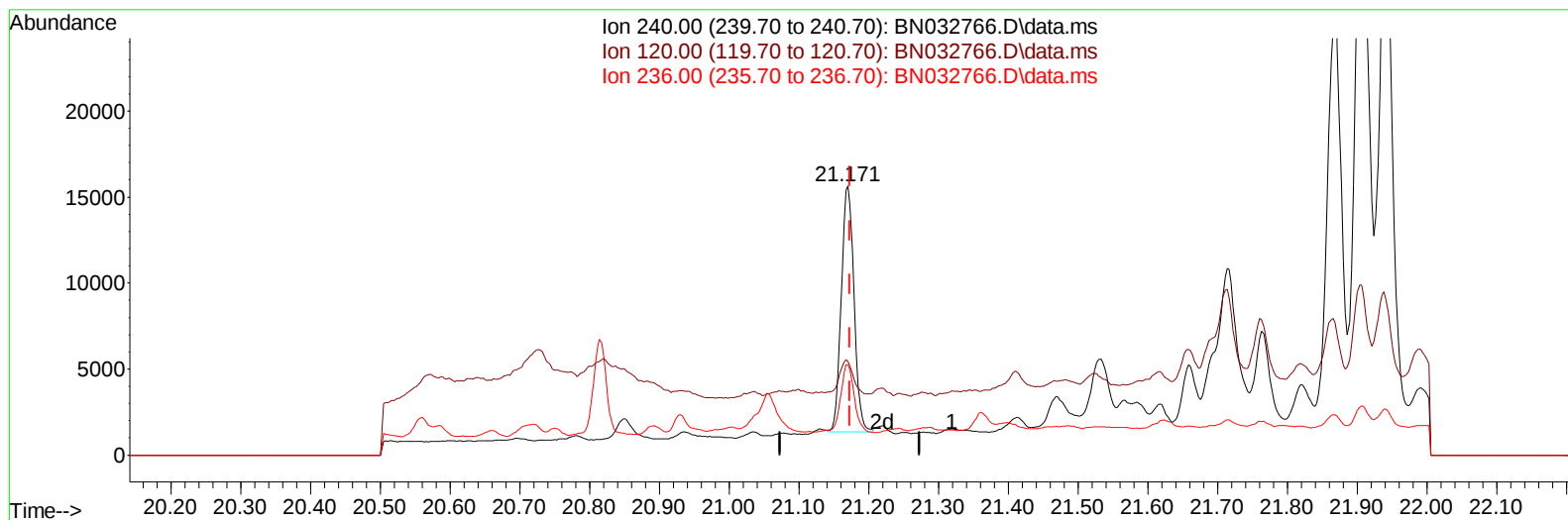
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(17) Chrysene-d12

21.171min (-0.003) 0.40 ng/u1 m

response 18066

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	34.84#
236.00	28.40	33.63
0.00	0.00	0.00

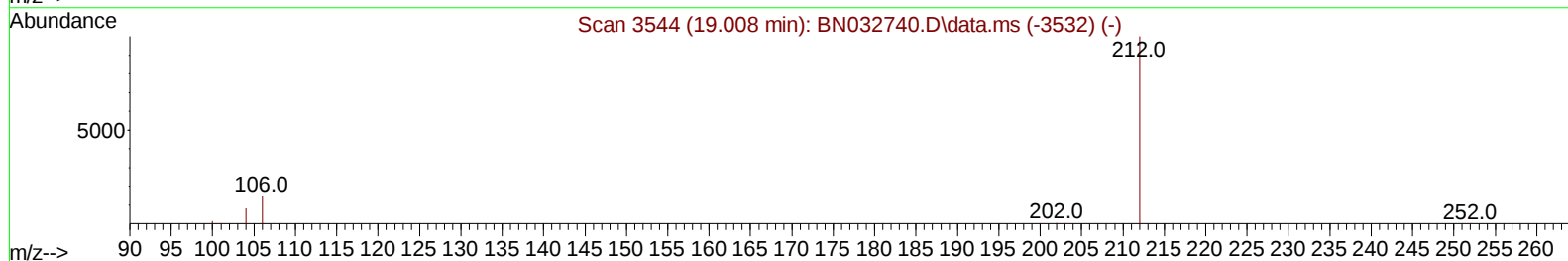
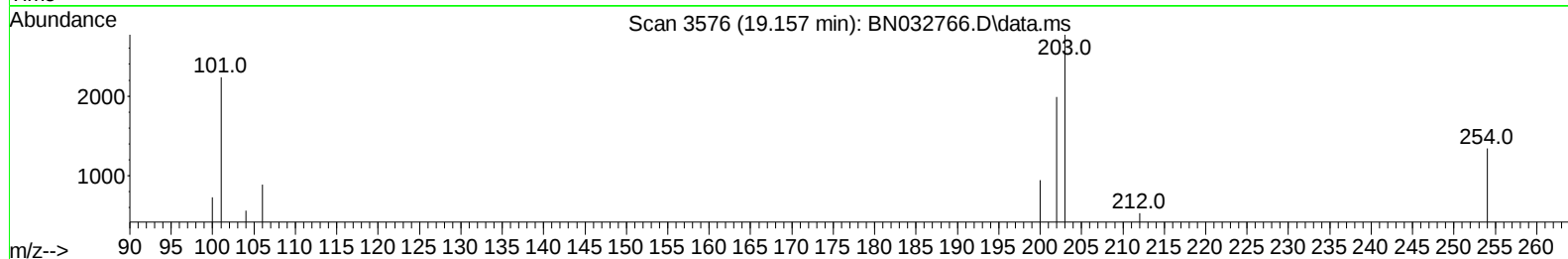
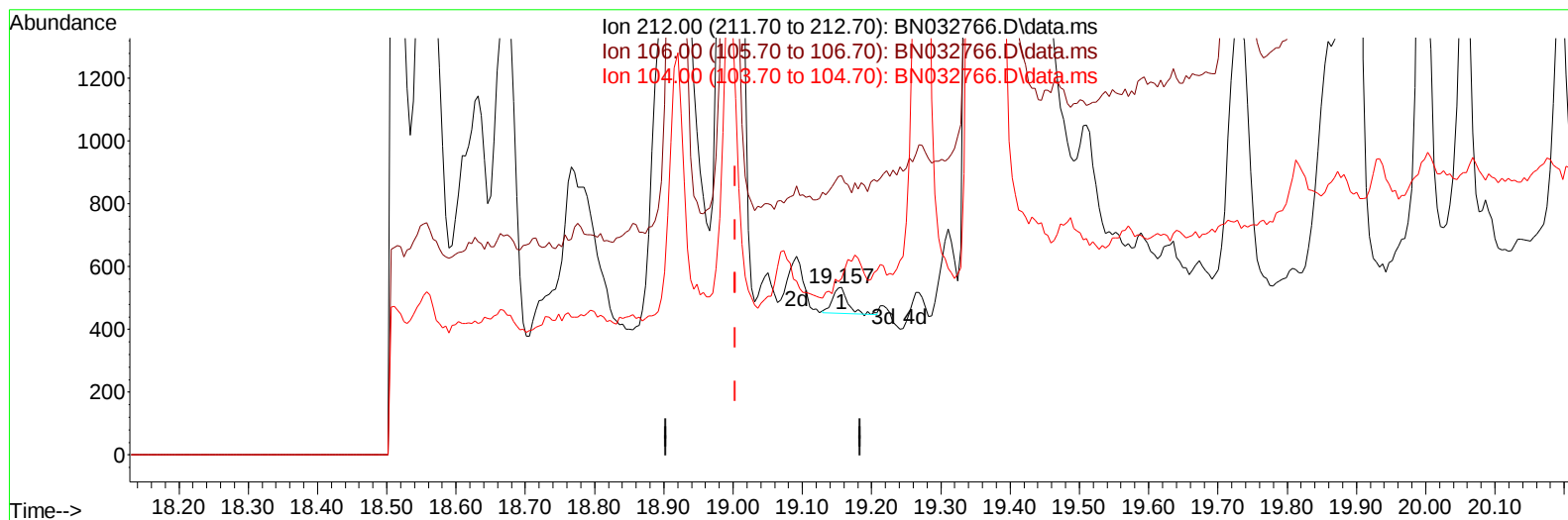
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032766.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.157min (+ 0.153) 0.00 ng/u1

response 126

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	101.59#
104.00	9.00	248.41#
0.00	0.00	0.00

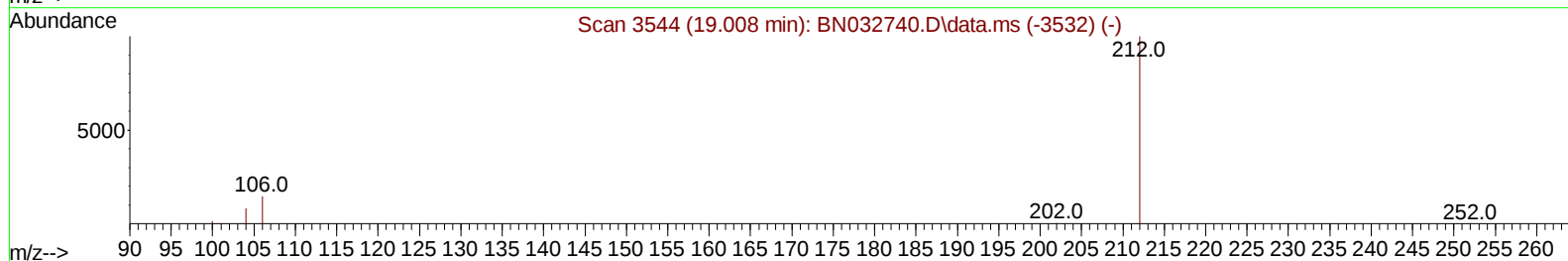
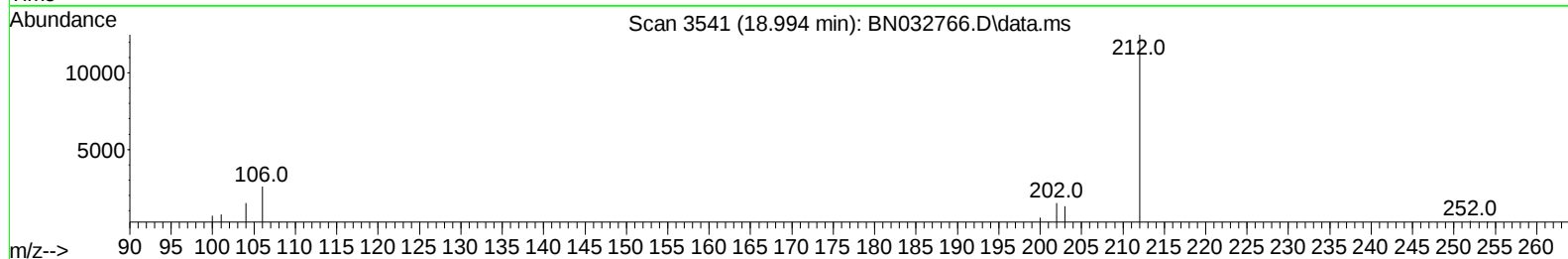
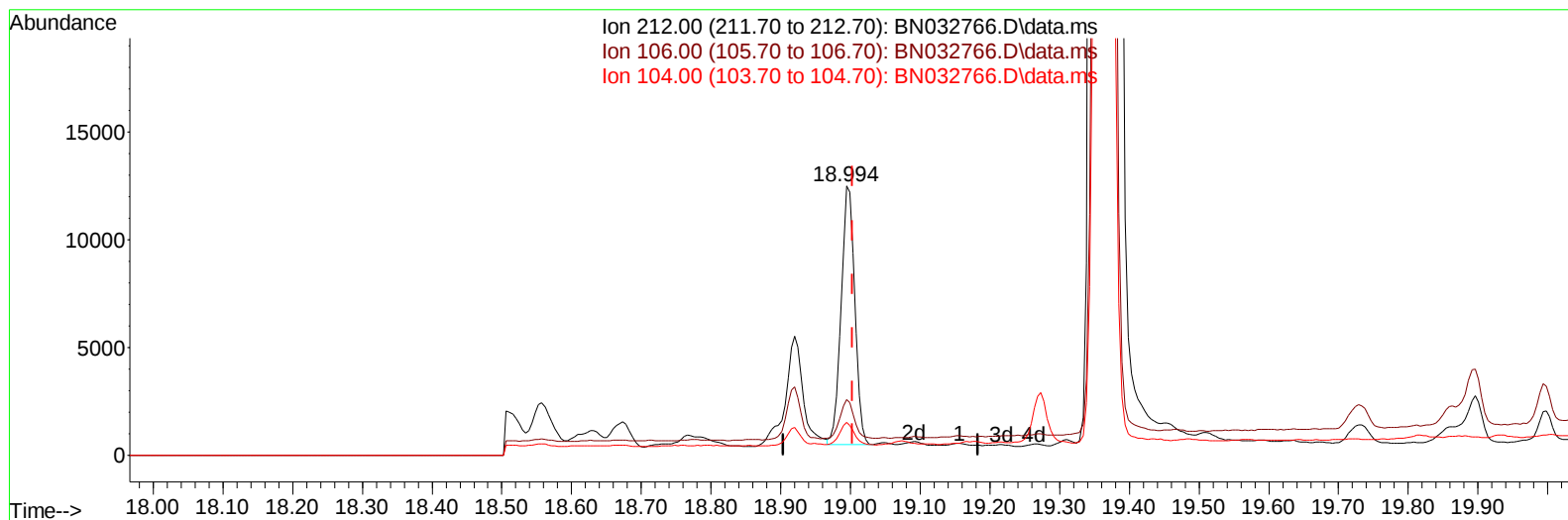
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Response via : Initial Calibration



TIC: BN032766.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.994min (-0.009) 0.28 ng/u1 m

response 16347

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.78#
104.00	9.00	1.91#
0.00	0.00	0.00

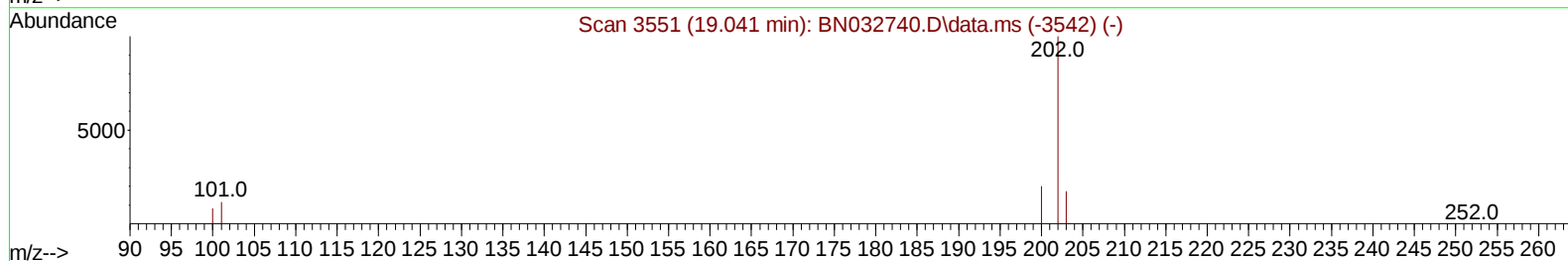
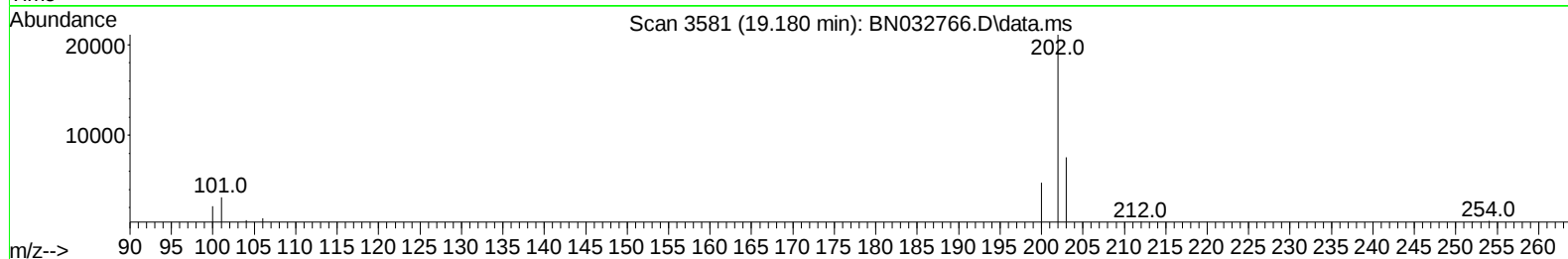
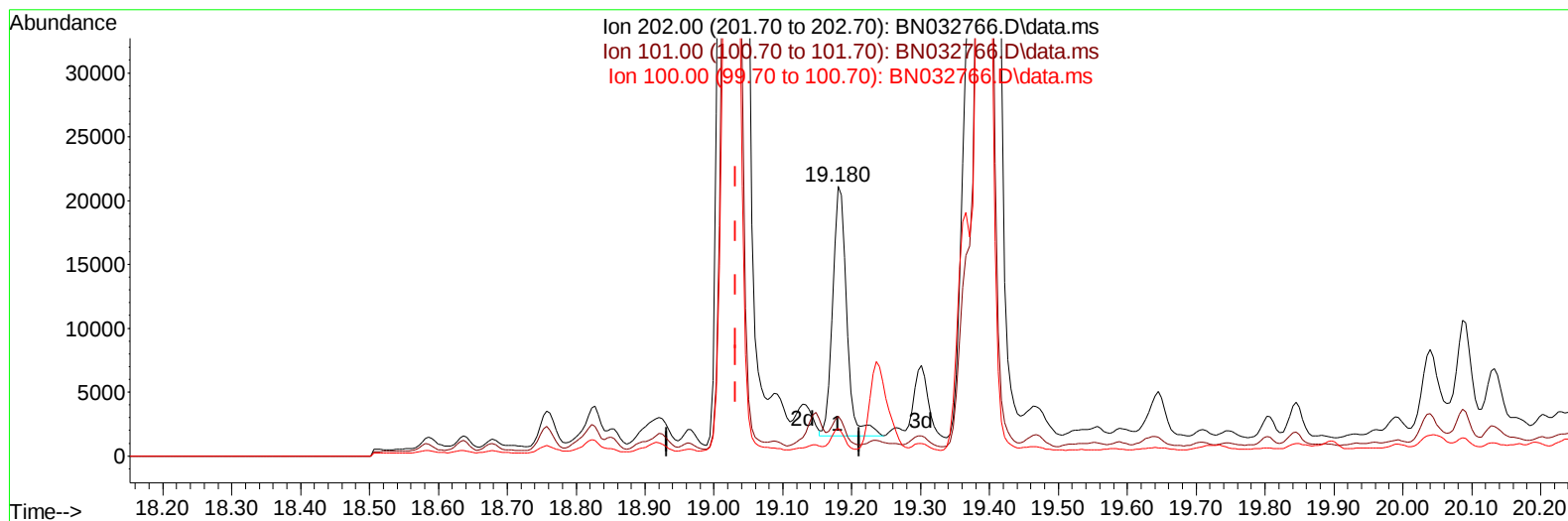
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(19) Fluoranthene (C)

19.180min (+ 0.149) 0.38 ng/u1

response 27811

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.84#
100.00	9.90	10.22
0.00	0.00	0.00

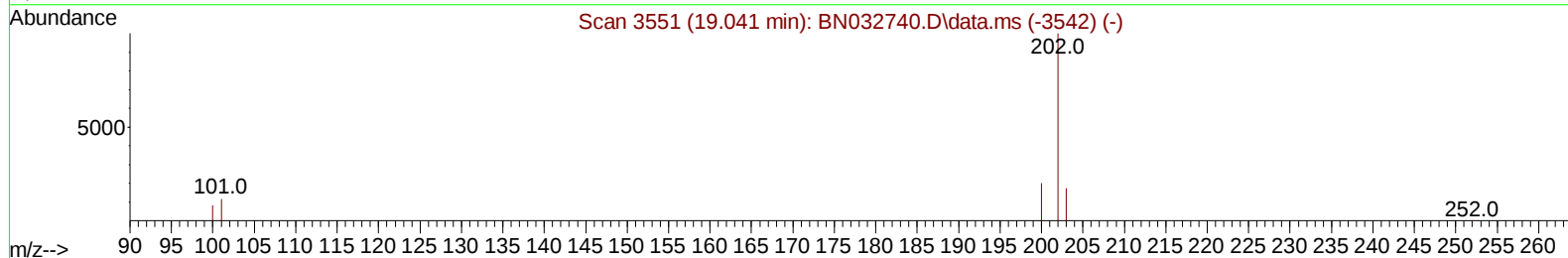
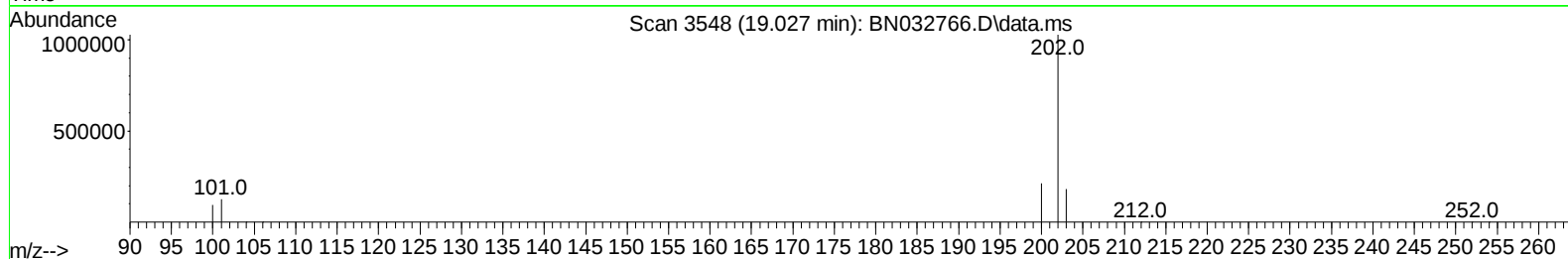
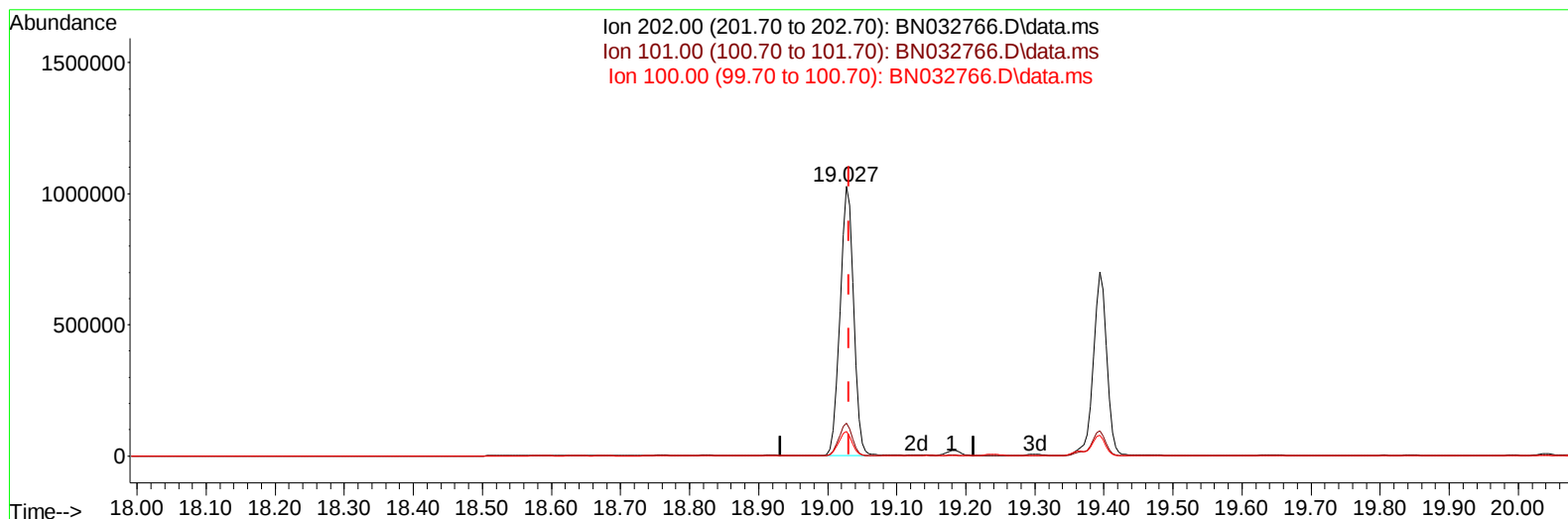
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.005) 19.02 ng/ul m

response 1397317

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.11
100.00	9.90	9.15
0.00	0.00	0.00

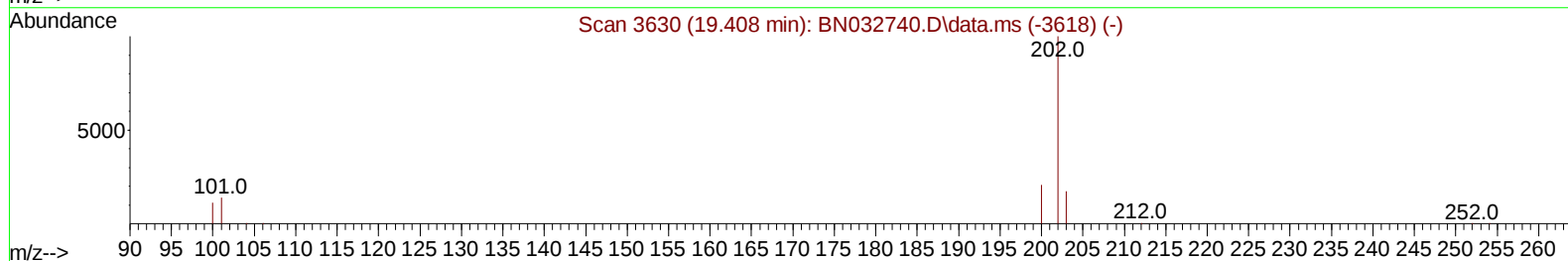
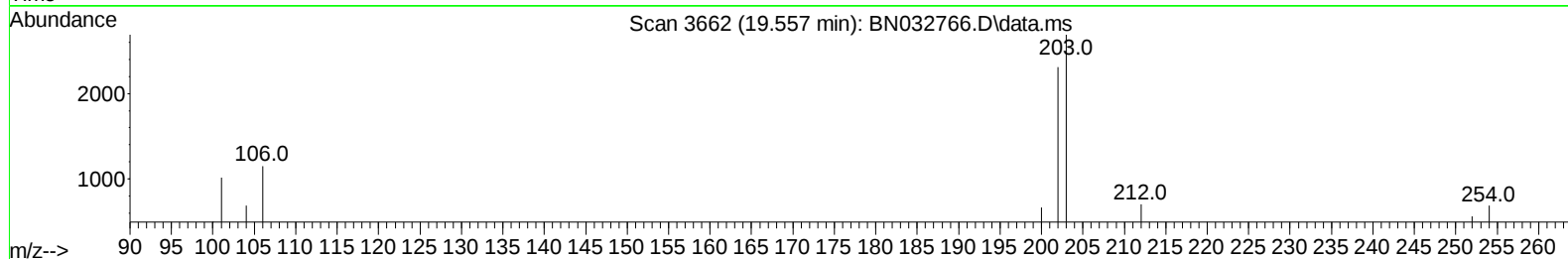
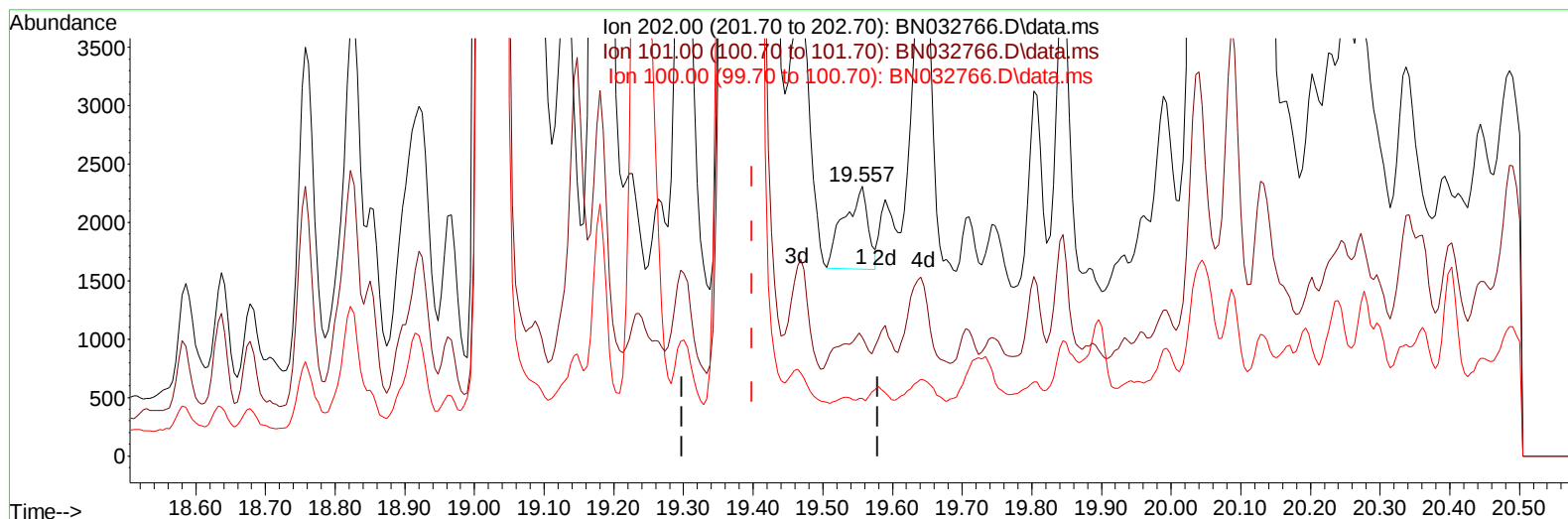
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(20) Pyrene

19.557min (+ 0.158) 0.02 ng/u1

response 1692

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	44.02#
100.00	12.00	21.40#
0.00	0.00	0.00

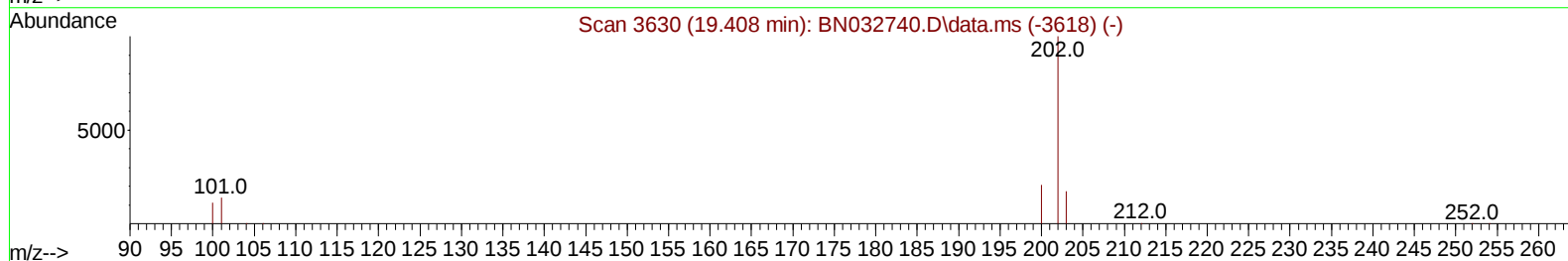
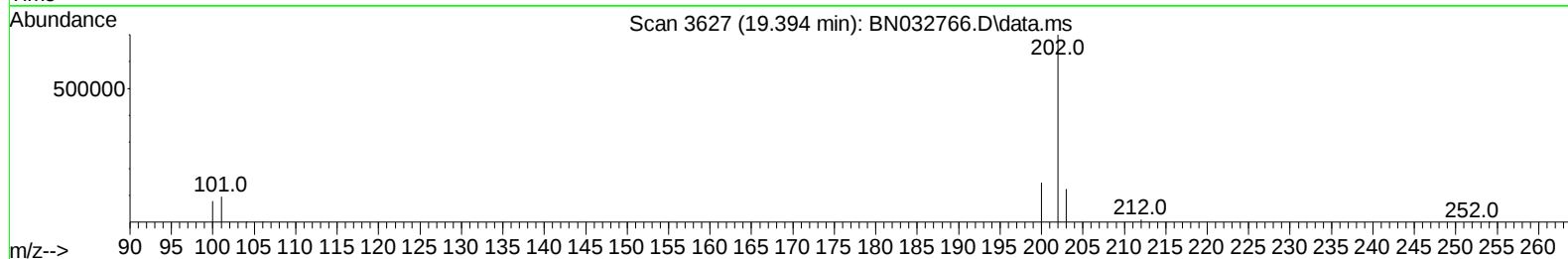
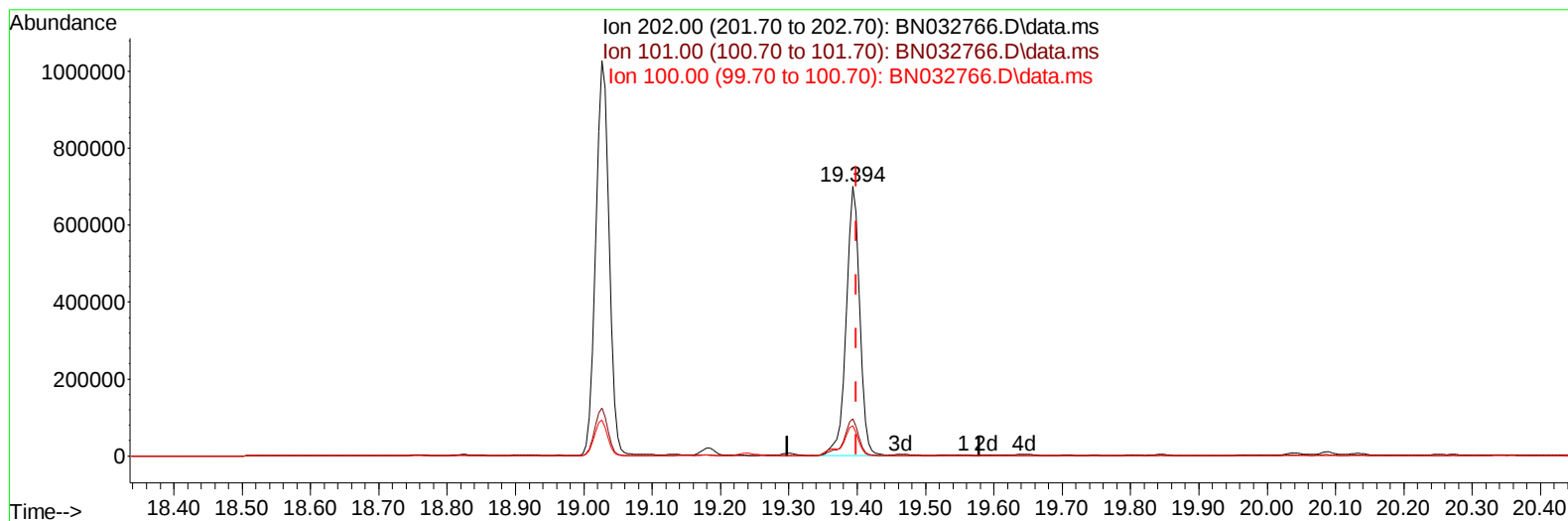
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(20) Pyrene

19.394min (-0.005) 12.66 ng/ul m

response 962251

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.76
100.00	12.00	11.16
0.00	0.00	0.00

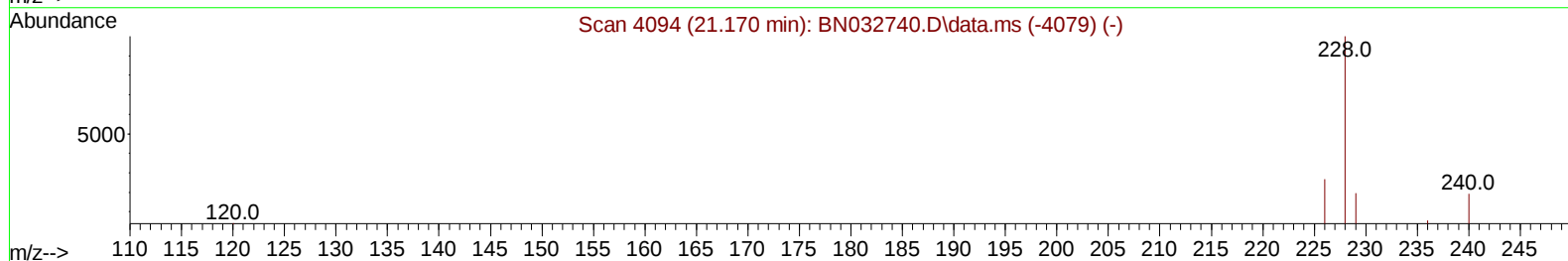
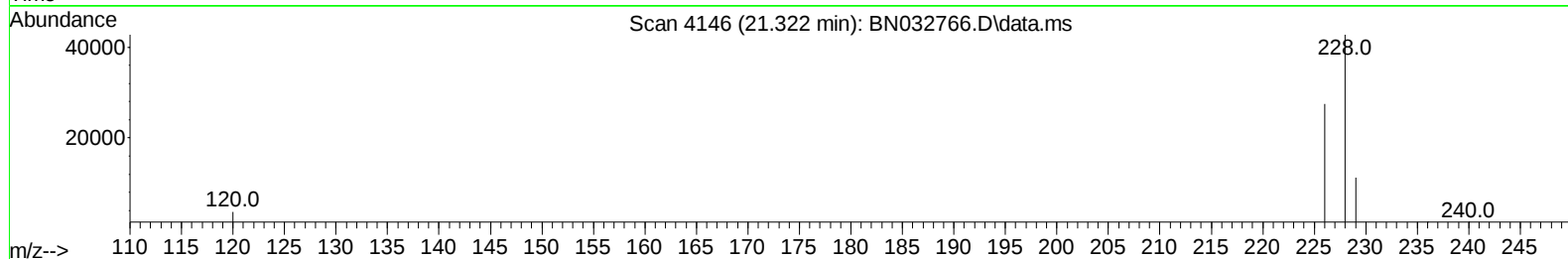
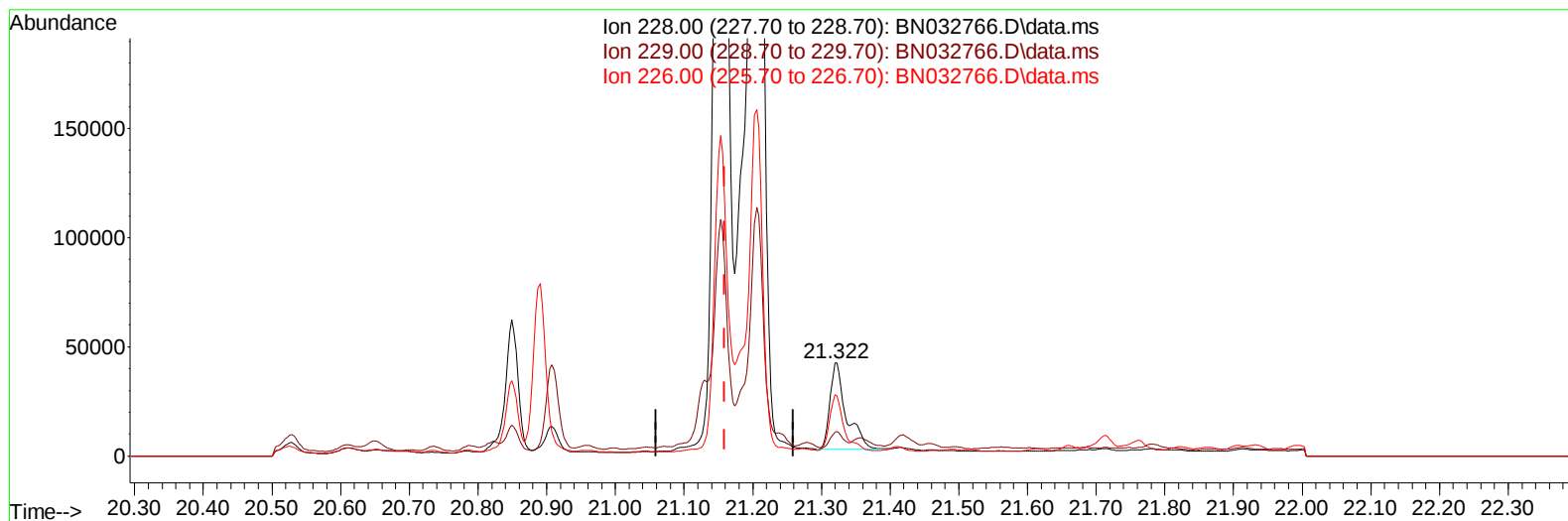
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032766.D\data.ms

(21) Benzo(a)anthracene

21.322min (+ 0.163) 1.14 ng/u1

response 65592

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.47#
226.00	27.40	64.44#
0.00	0.00	0.00

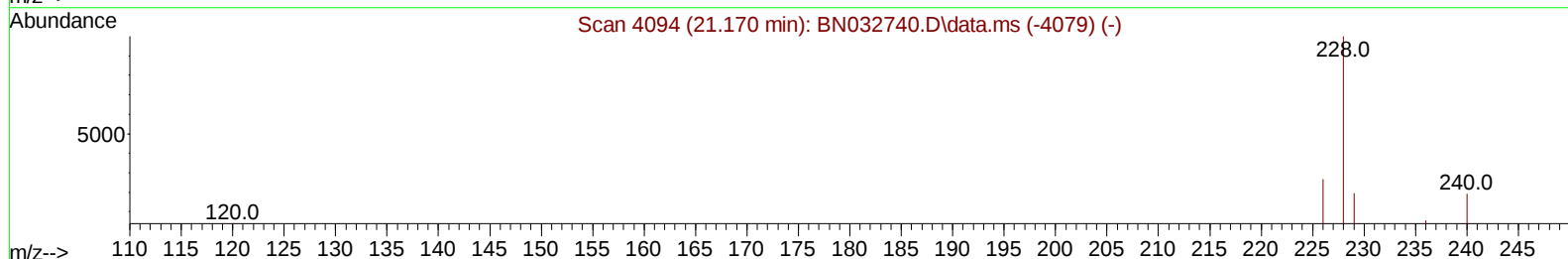
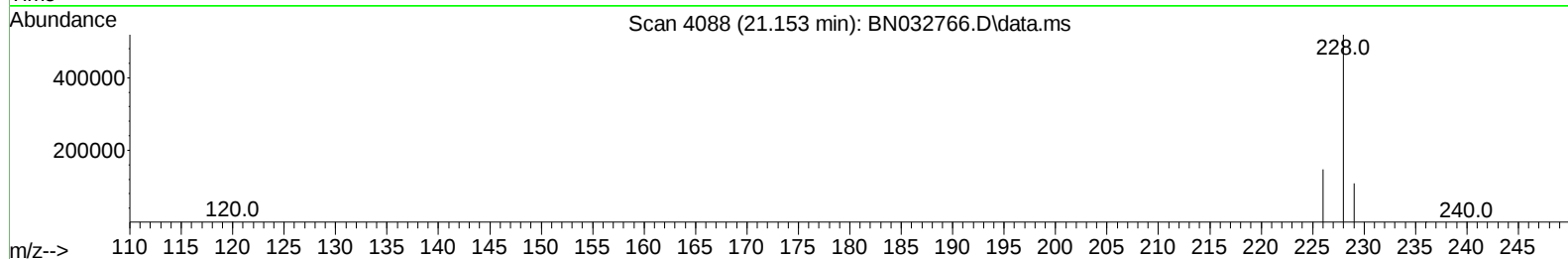
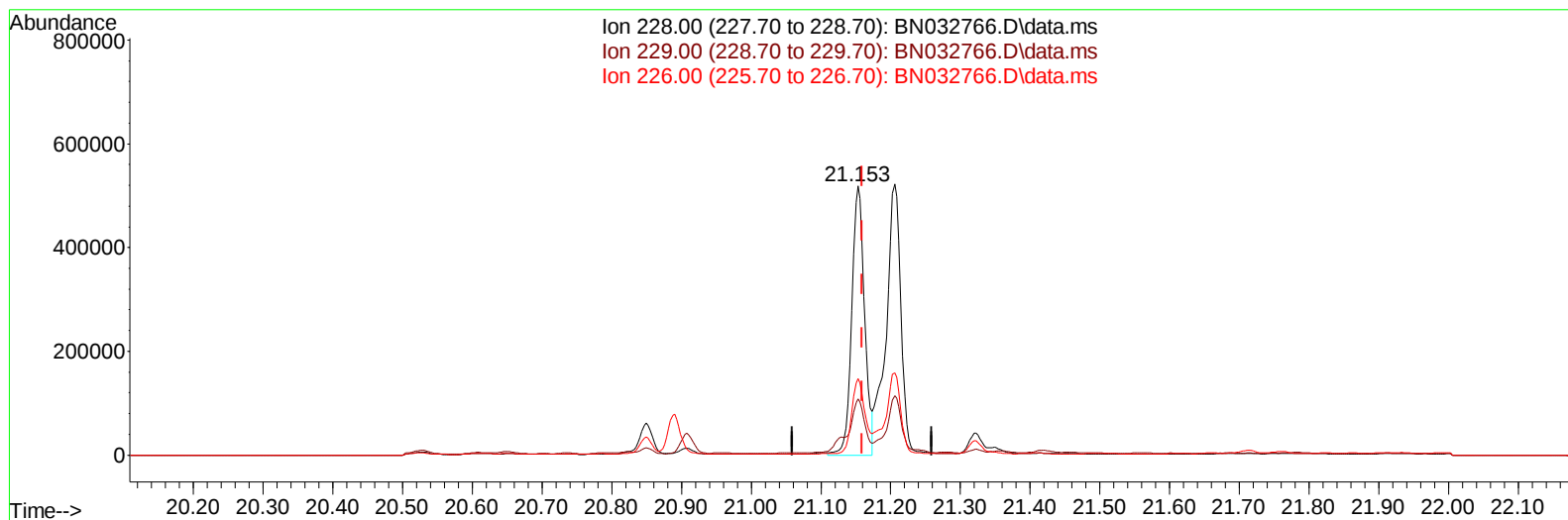
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032766.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.006) 11.57 ng/ul m

response 665313

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.93
226.00	27.40	28.33
0.00	0.00	0.00

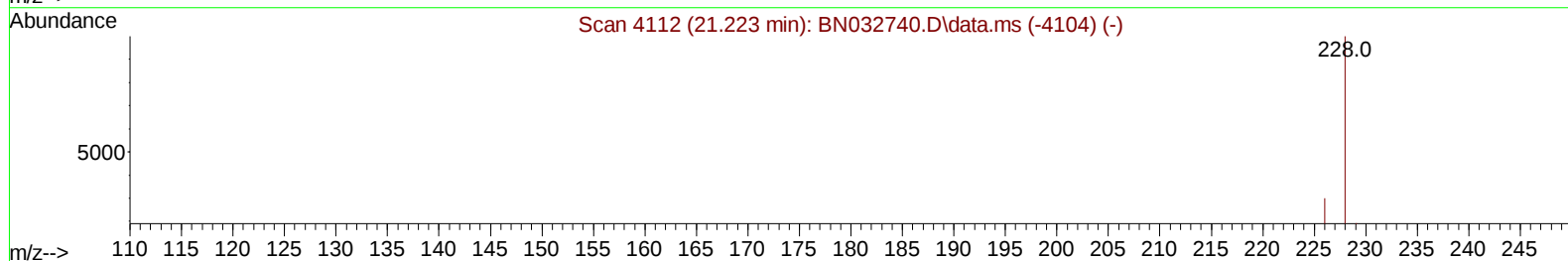
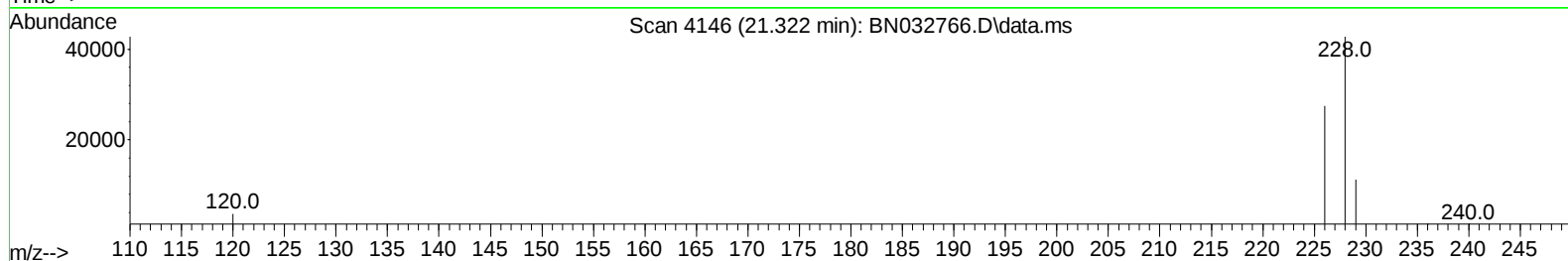
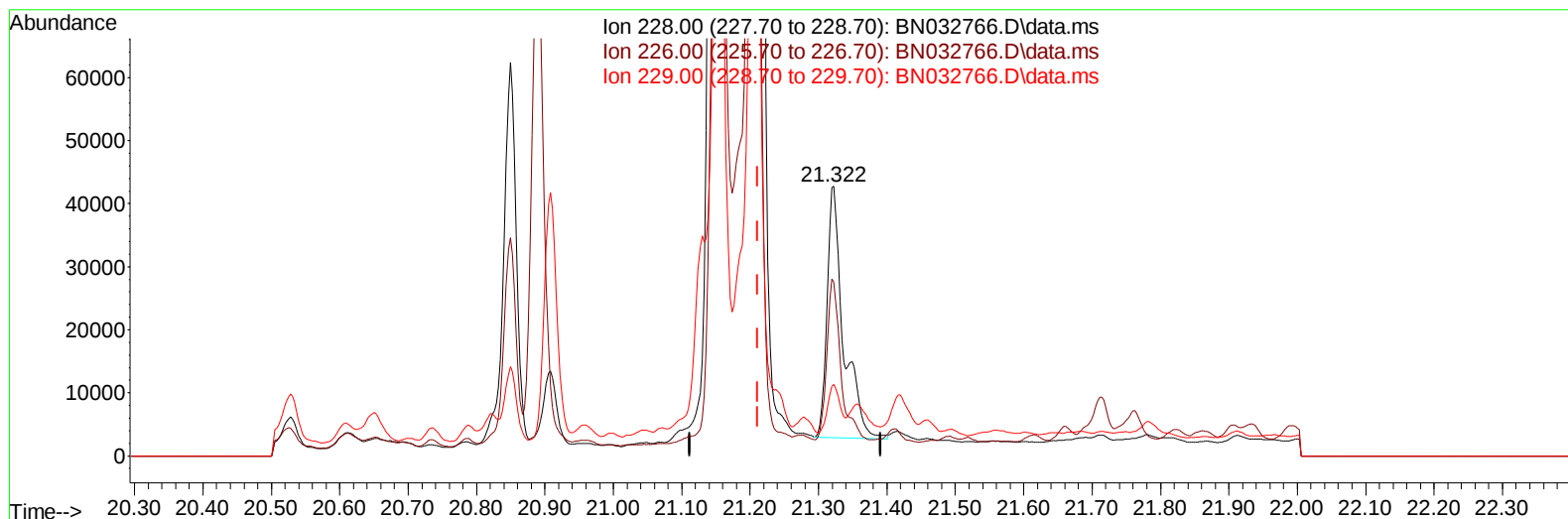
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(22) Chrysene

21.322min (+ 0.111) 0.80 ng/u1

response 66662

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.44#
229.00	19.70	26.47#
0.00	0.00	0.00

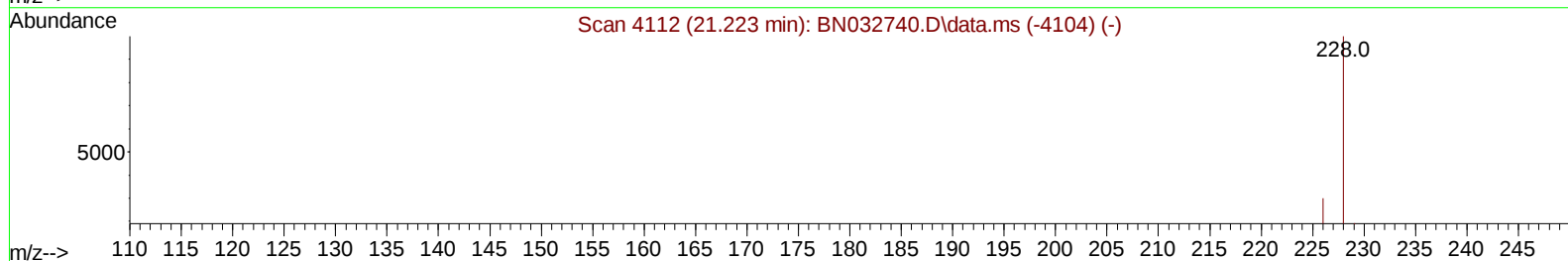
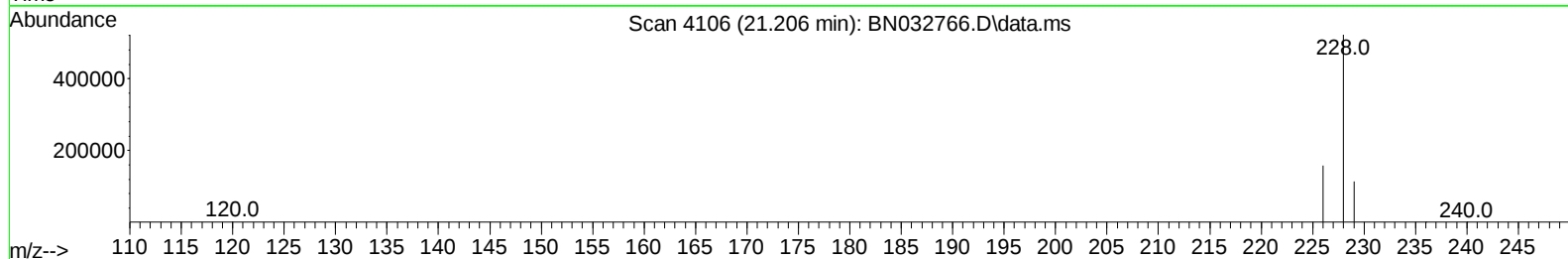
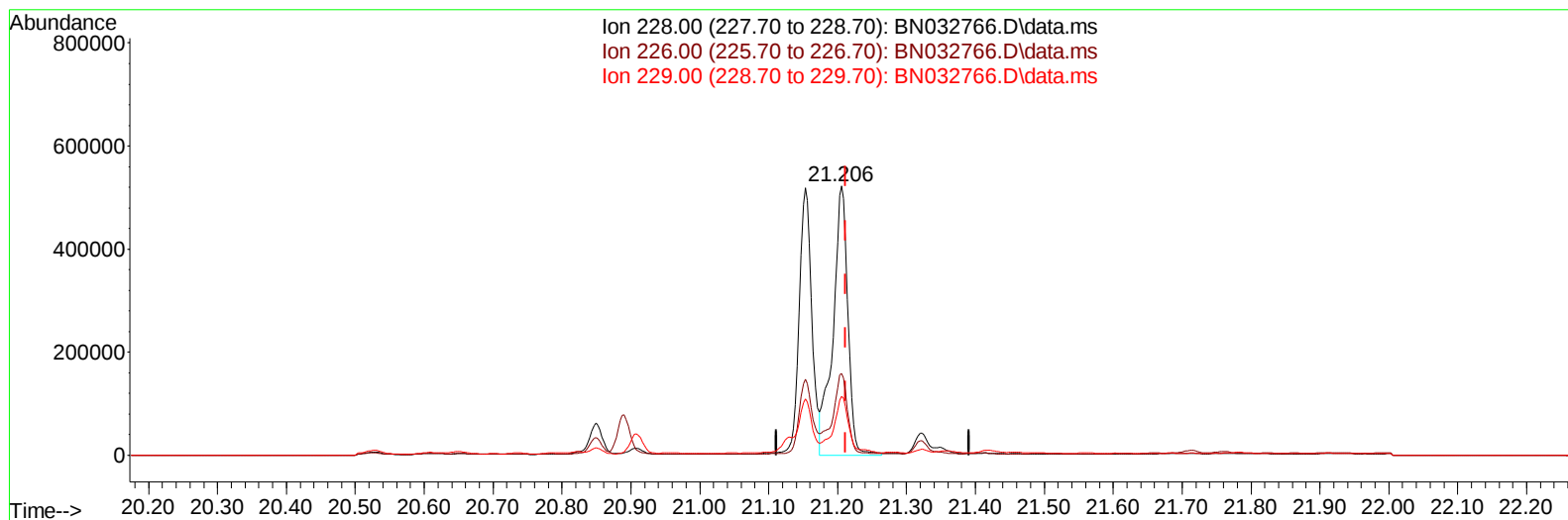
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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TIC: BN032766.D\data.ms

(22) Chrysene

21.206min (-0.006) 9.44 ng/ul m

response 785701

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.40
229.00	19.70	21.82
0.00	0.00	0.00

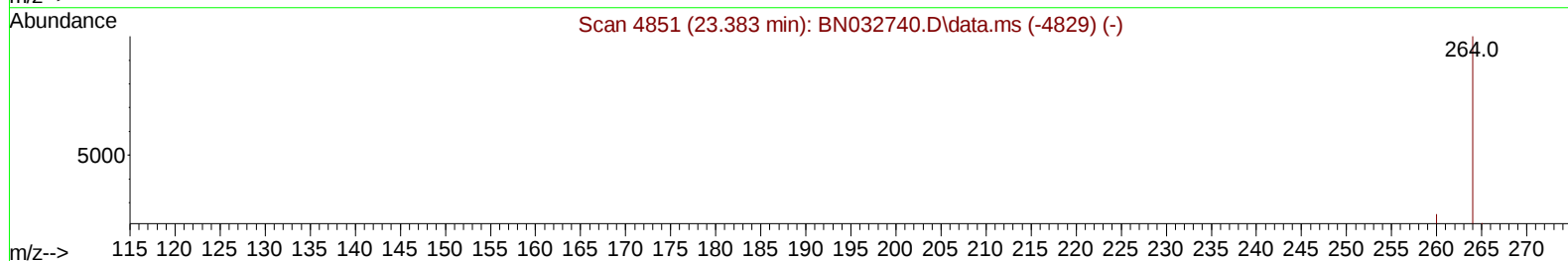
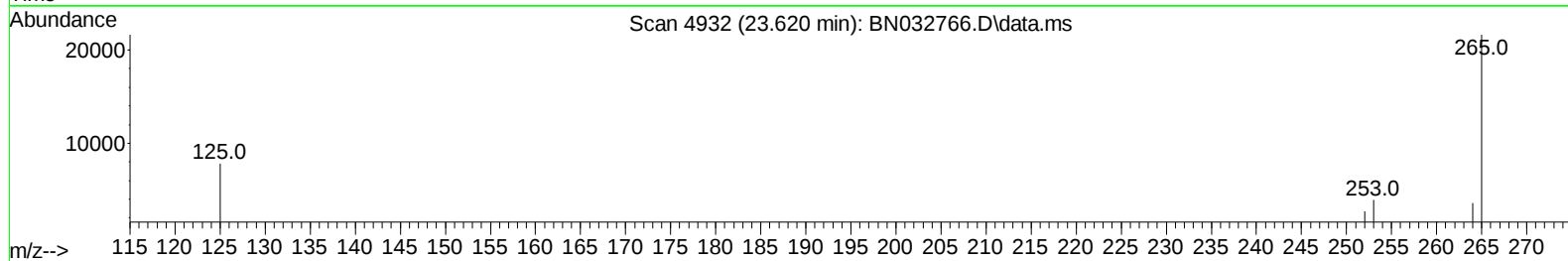
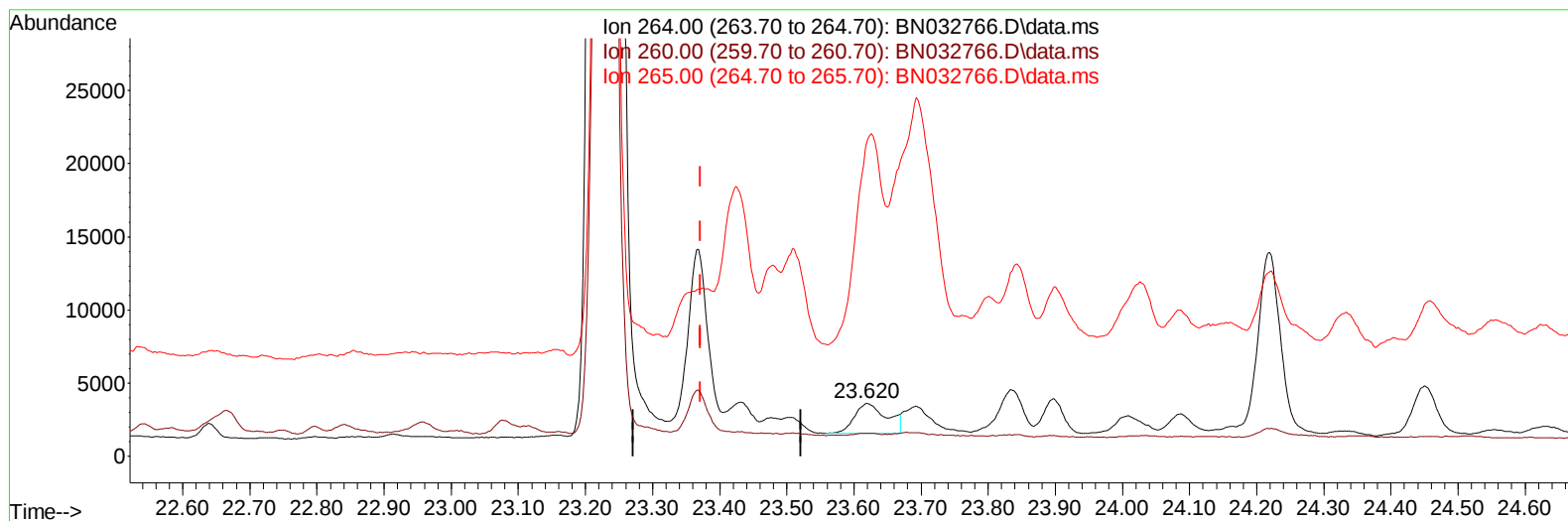
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(23) Perylene-d12 (I)

23.620min (+ 0.248) 0.40 ng/u1

response 7041

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	43.06#
265.00	95.50	599.06#
0.00	0.00	0.00

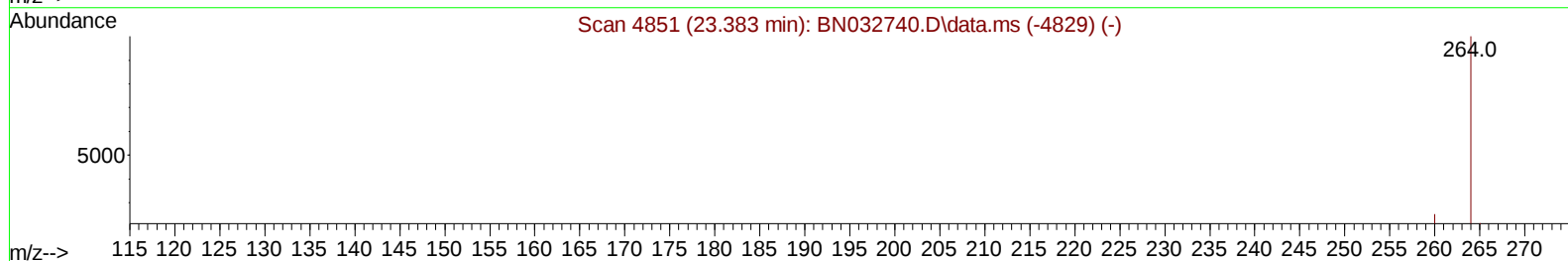
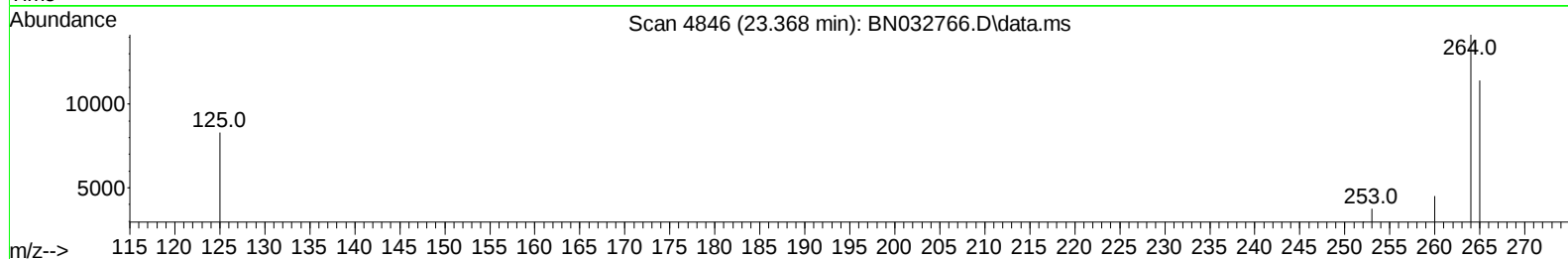
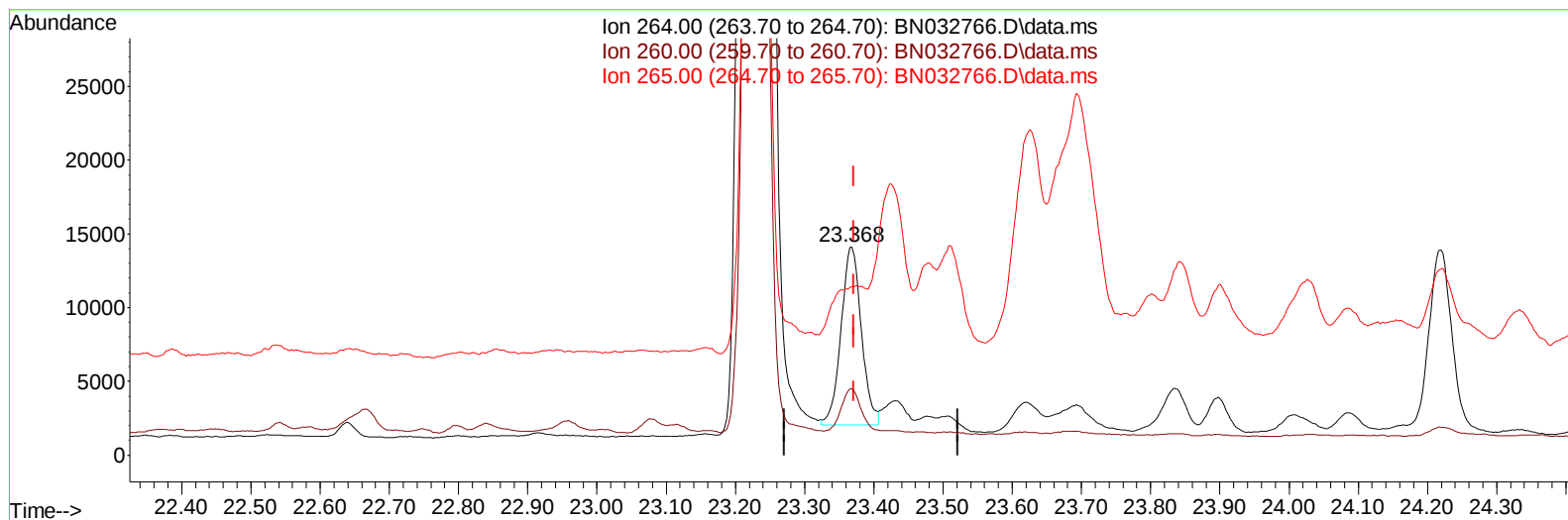
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.003) 0.40 ng/ul m

response 24727

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.89#
265.00	95.50	80.78
0.00	0.00	0.00

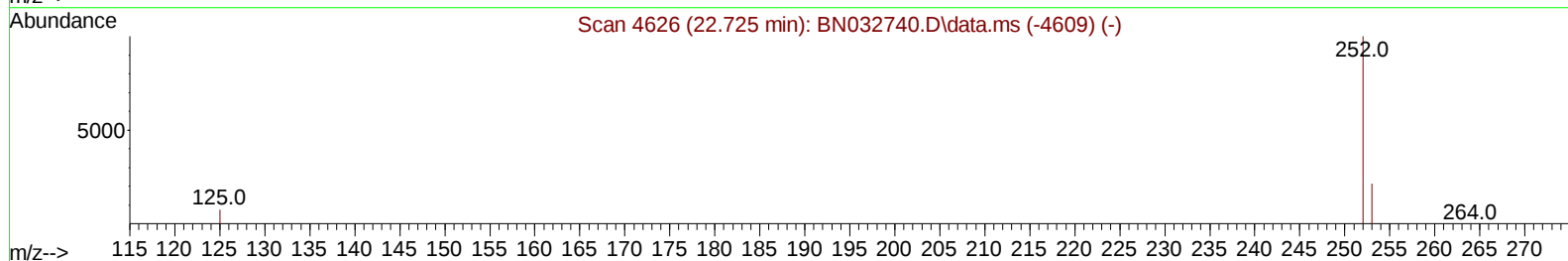
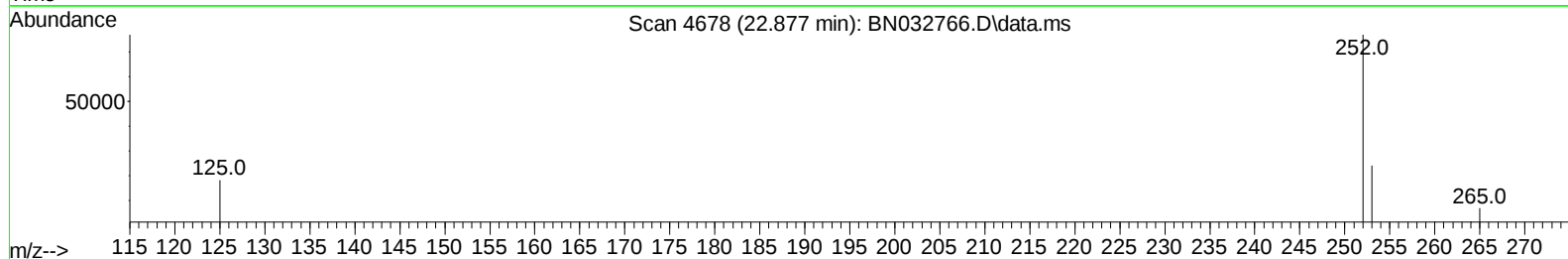
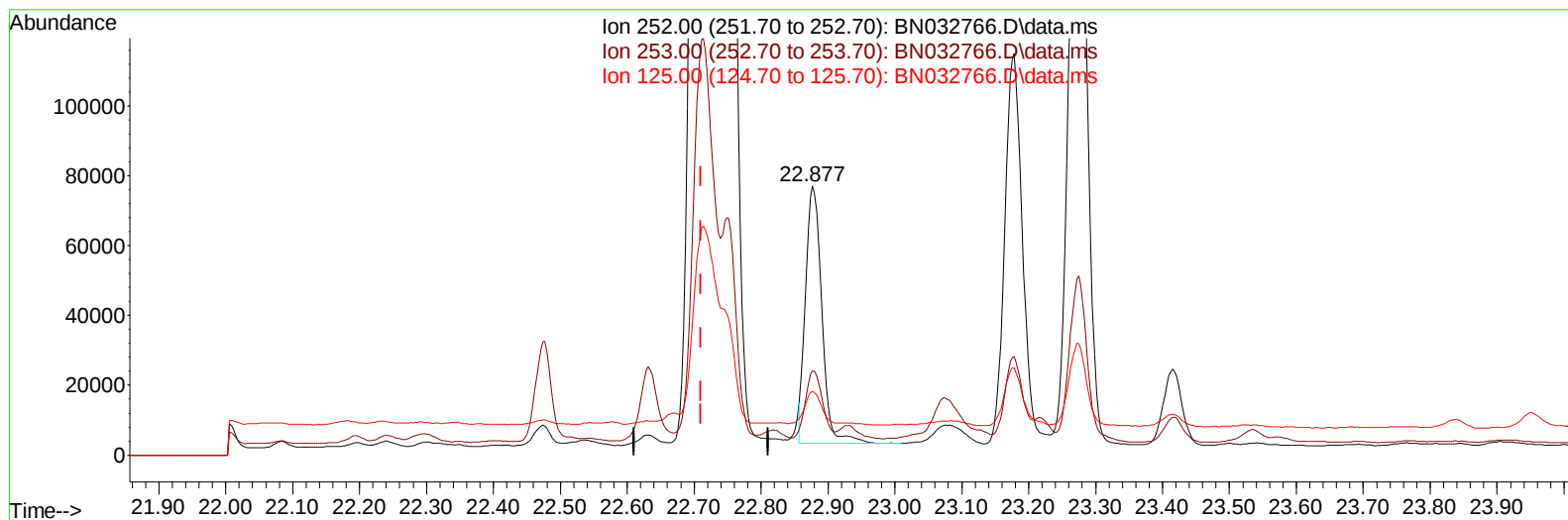
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(24) Benzo(b)fluoranthene

22.877min (+ 0.167) 1.43 ng/u1

response 125076

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.24
125.00	18.00	23.82
0.00	0.00	0.00

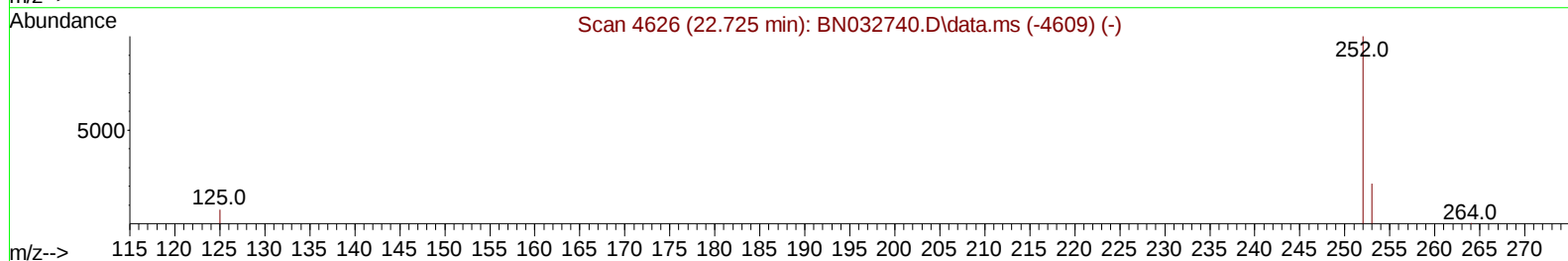
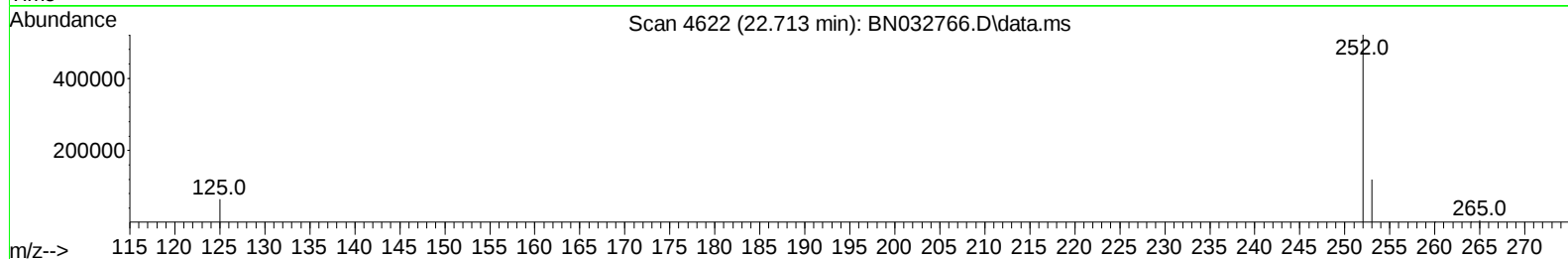
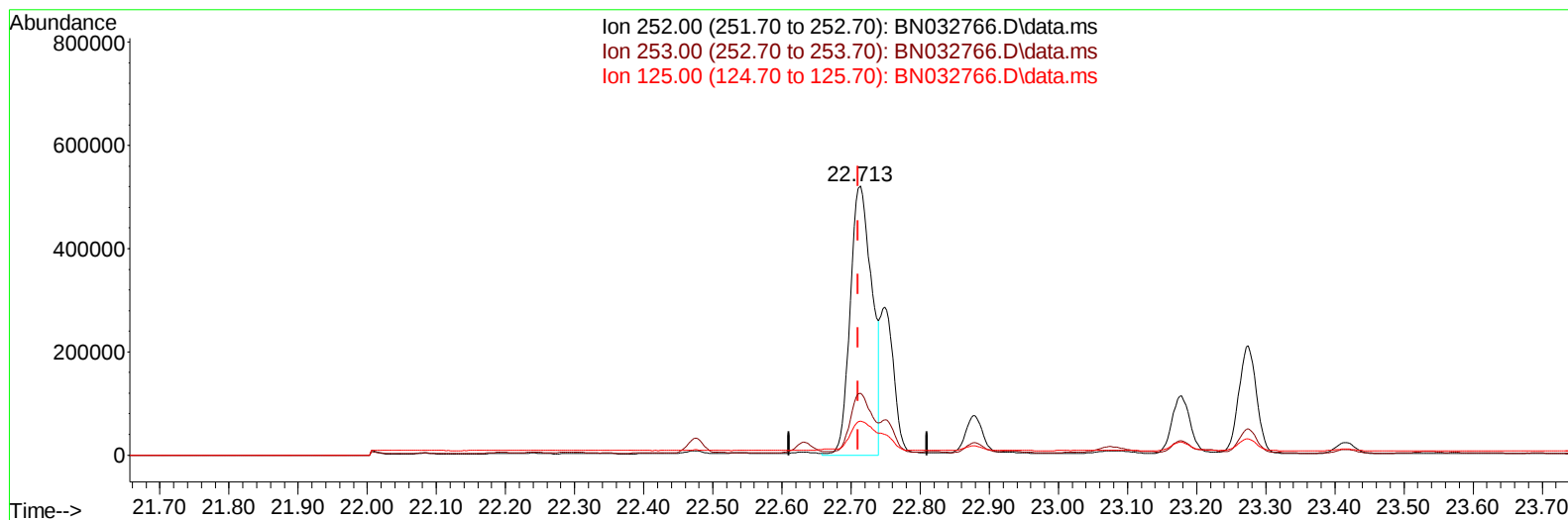
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(24) Benzo(b)fluoranthene

22.713min (+ 0.003) 13.17 ng/ul m

response 1148789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.98
125.00	18.00	12.59
0.00	0.00	0.00

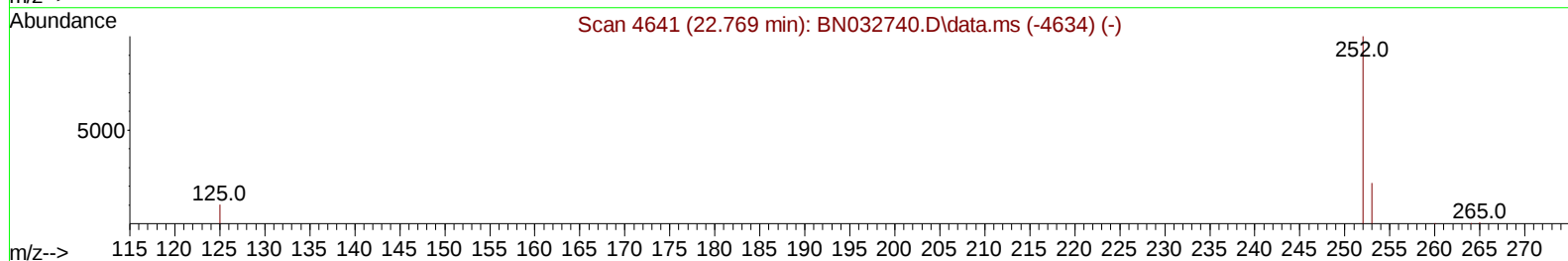
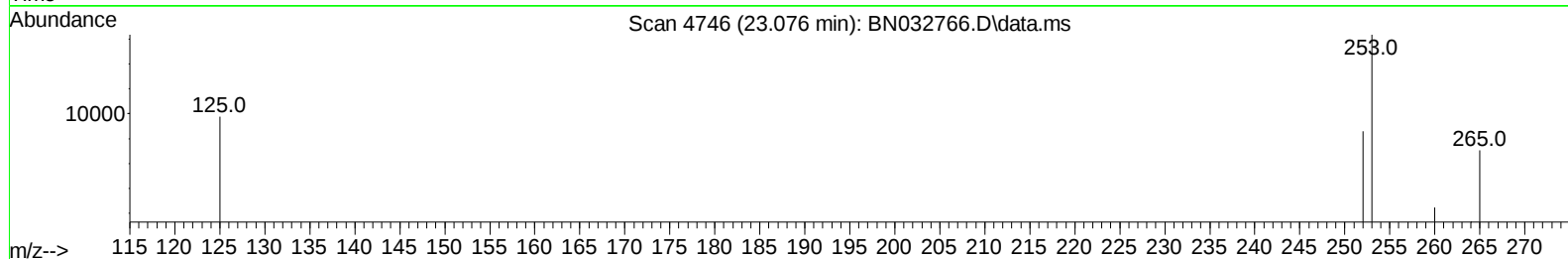
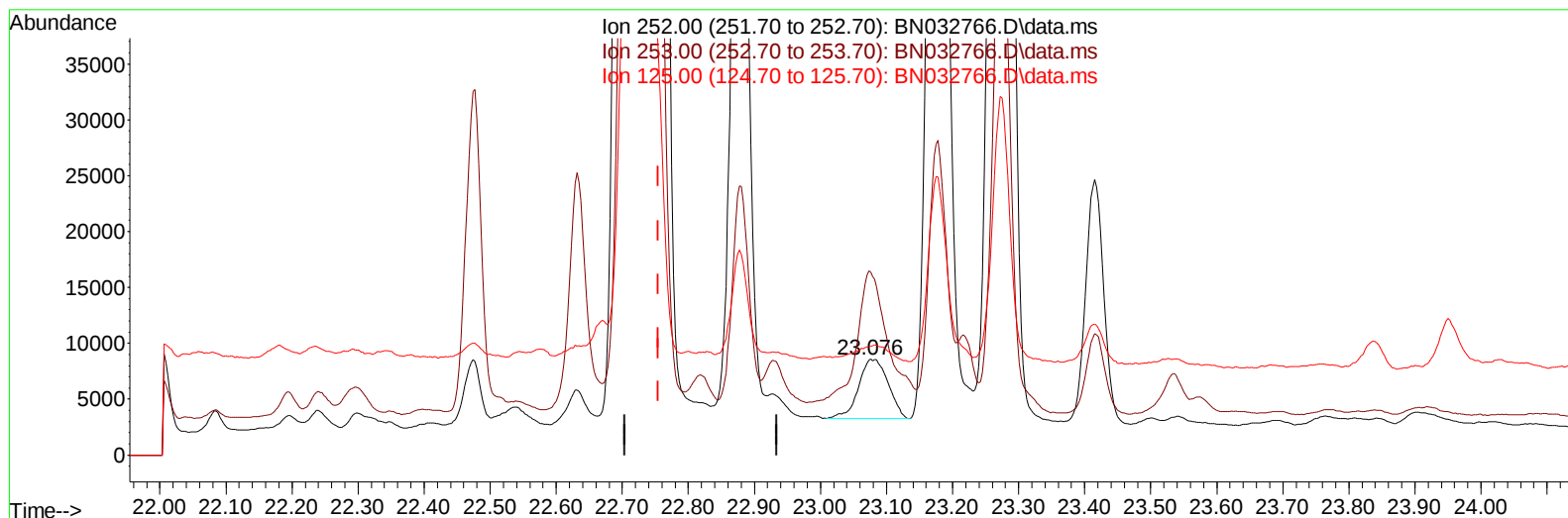
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(25) Benzo(k)fluoranthene

23.076min (+ 0.321) 0.16 ng/u1

response 16654

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	190.21#
125.00	18.50	113.36#
0.00	0.00	0.00

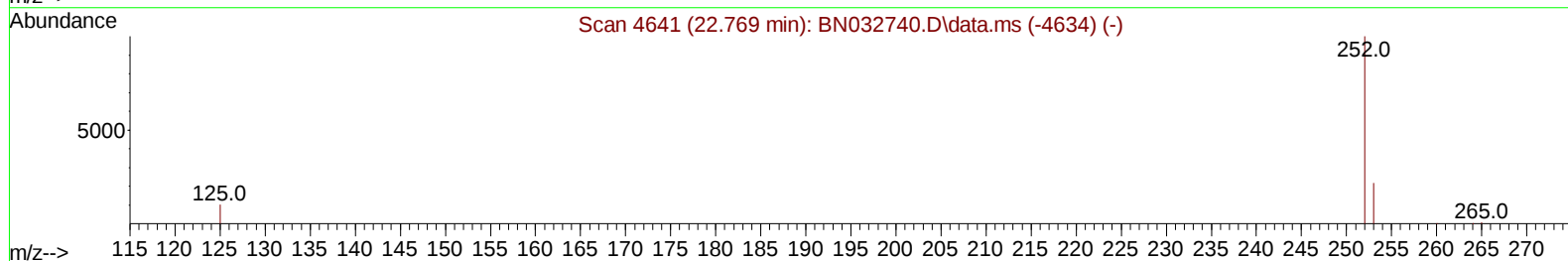
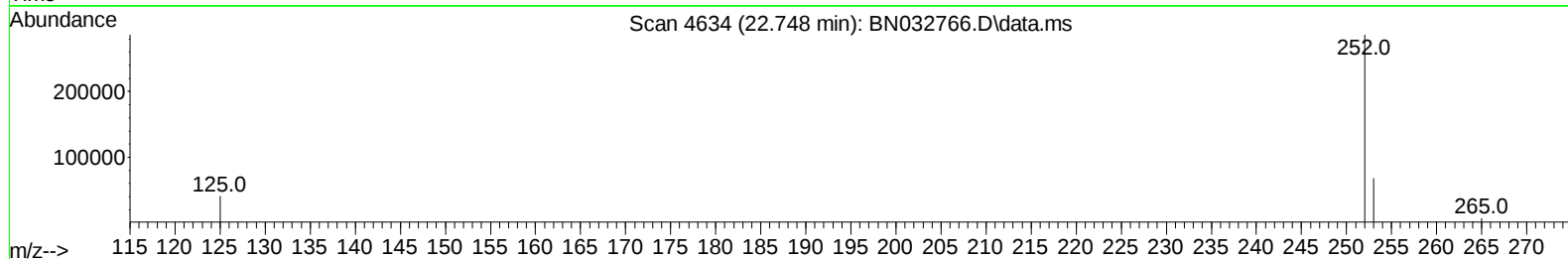
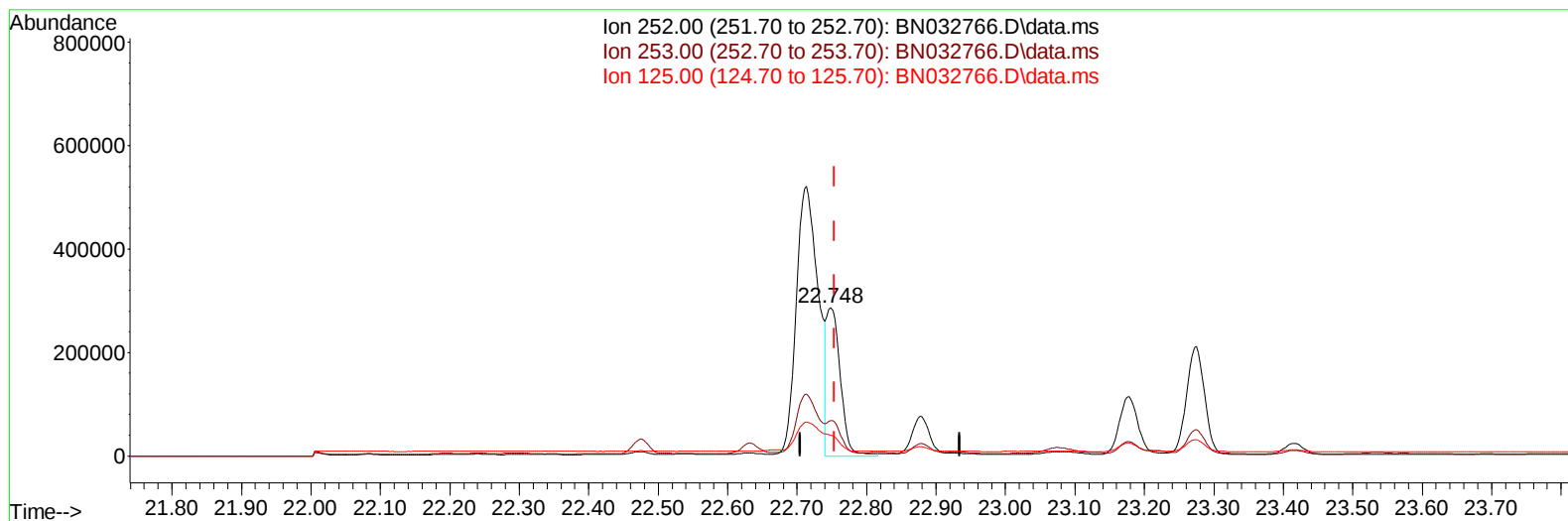
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032766.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.006) 3.75 ng/u1 m

response 398826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.75
125.00	18.50	14.12#
0.00	0.00	0.00

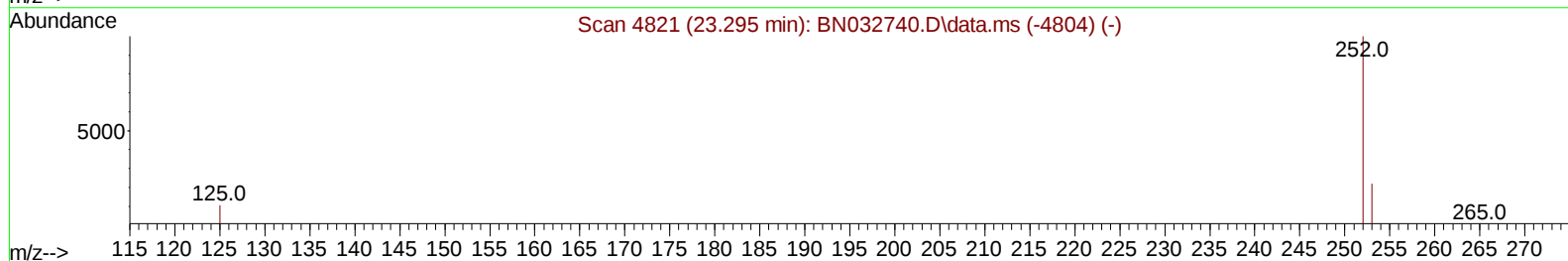
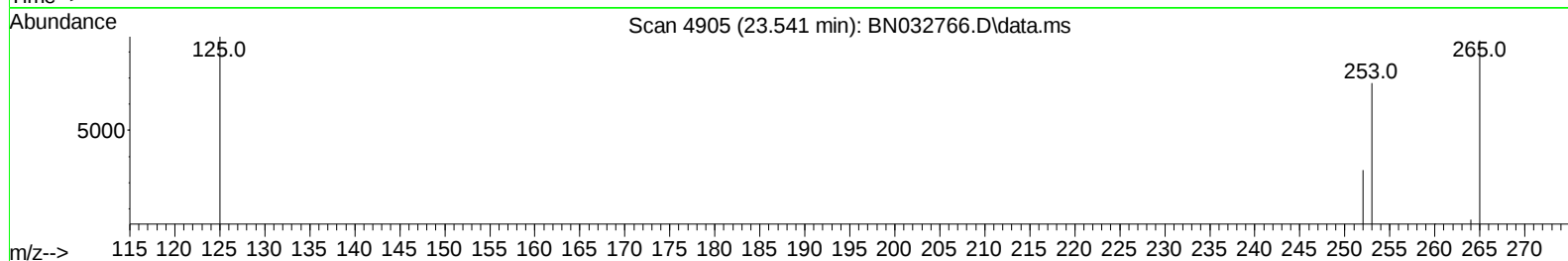
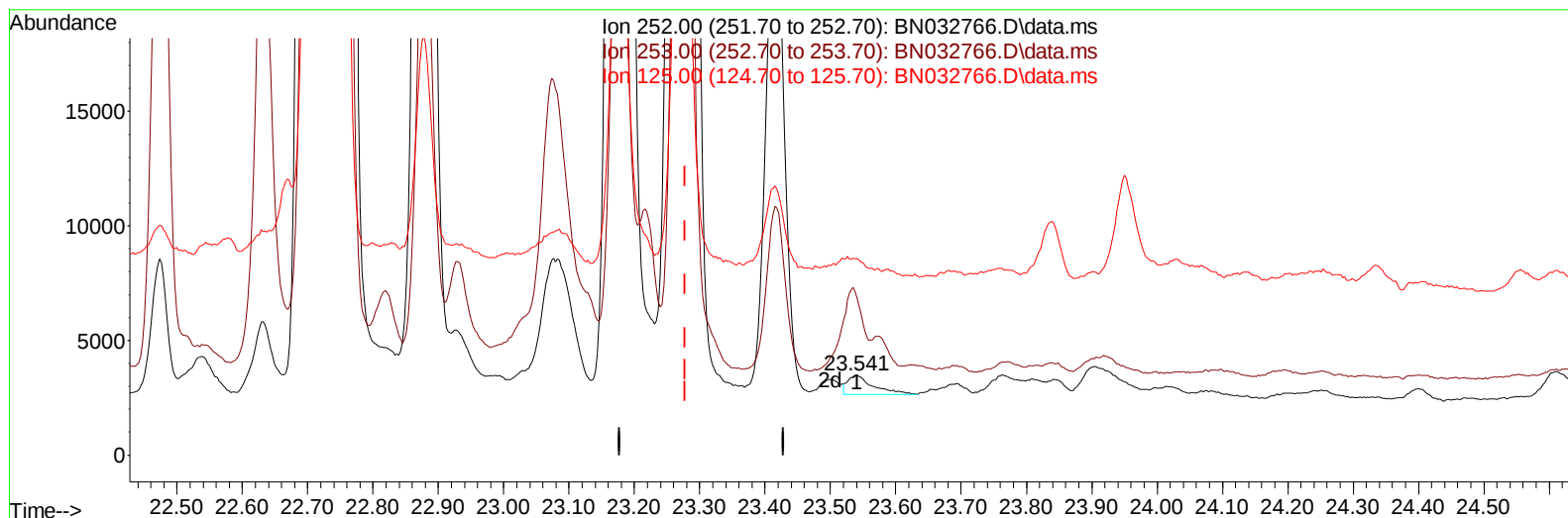
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(26) Benzo(a)pyrene (C)

23.541min (+ 0.263) 0.03 ng/u1

response 2204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	195.51#
125.00	25.70	246.61#
0.00	0.00	0.00

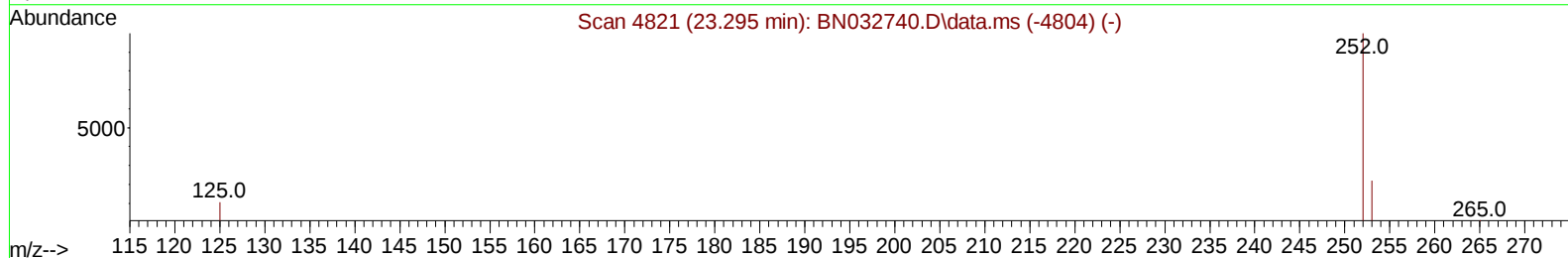
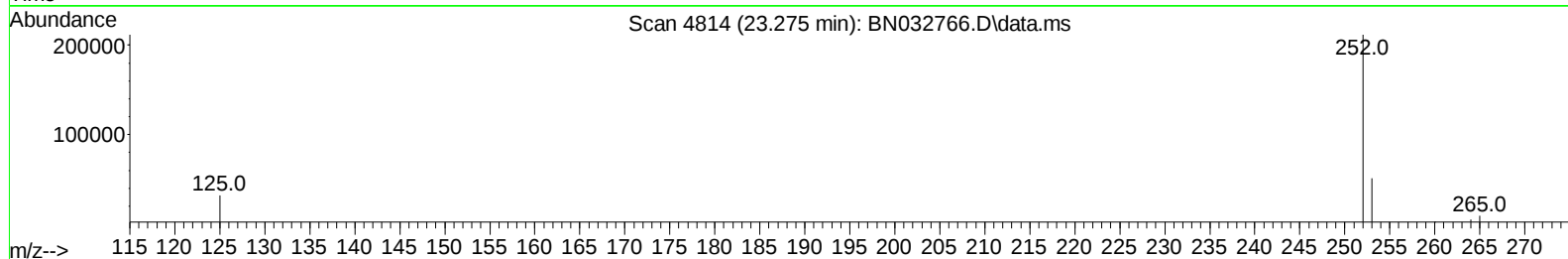
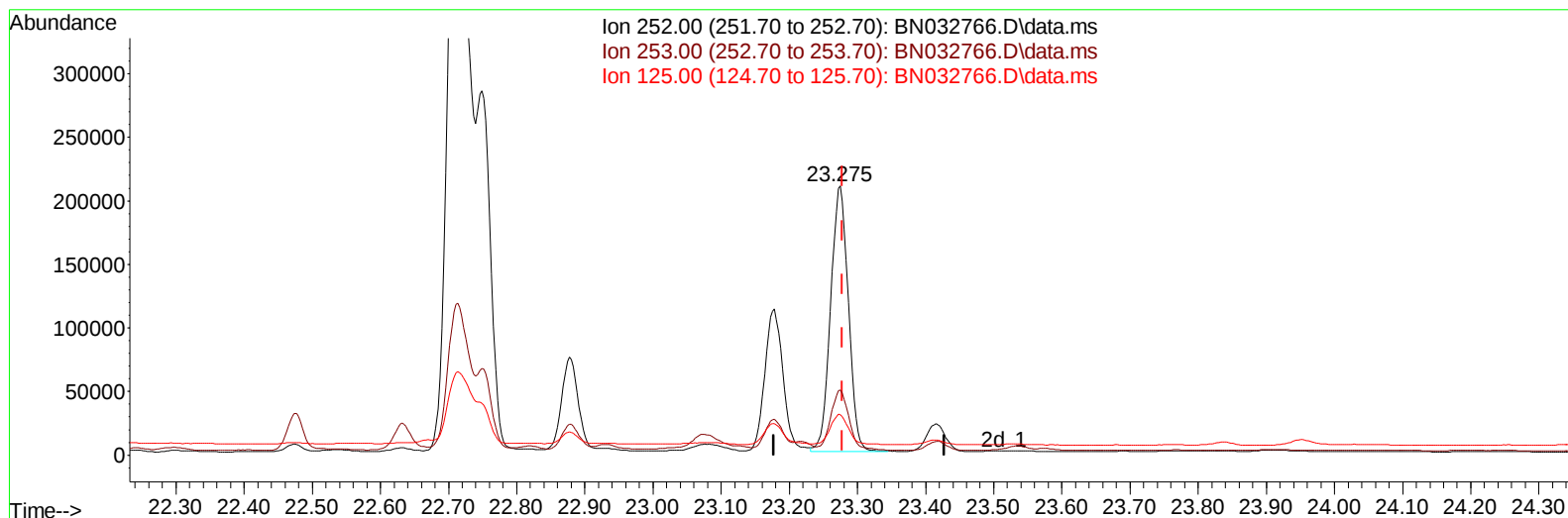
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(26) Benzo(a)pyrene (C)

23.275min (-0.003) 4.99 ng/u1 m

response 376675

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.24#
125.00	25.70	15.10#
0.00	0.00	0.00

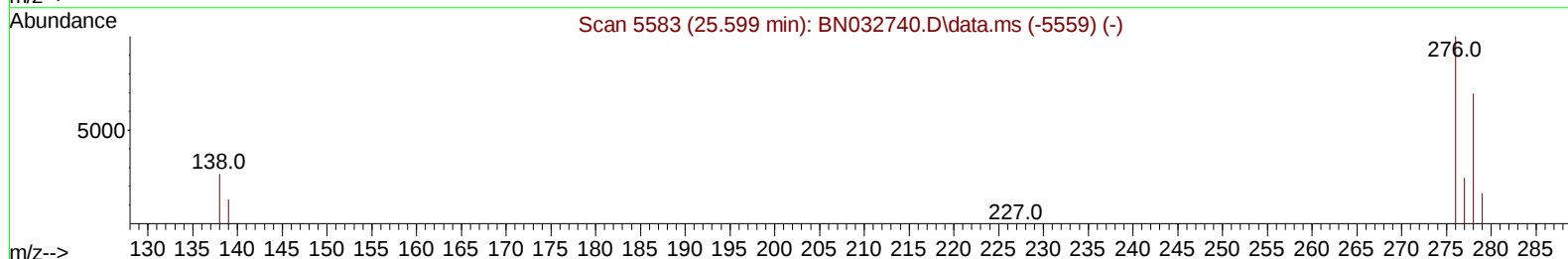
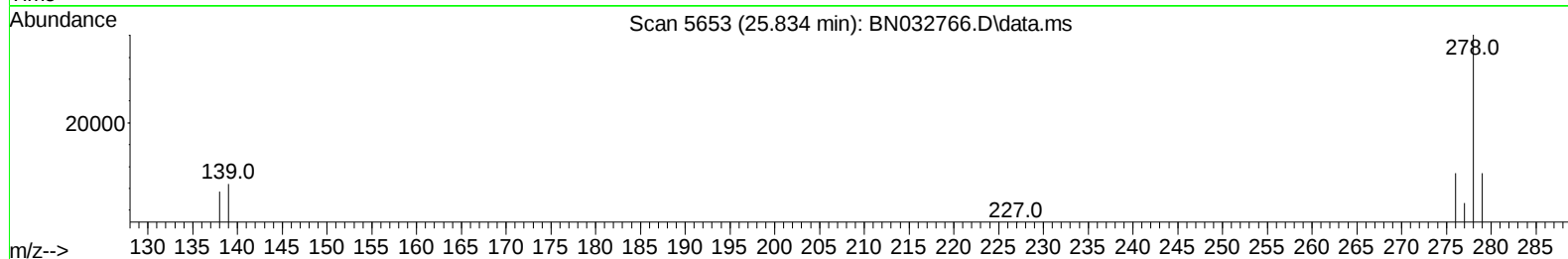
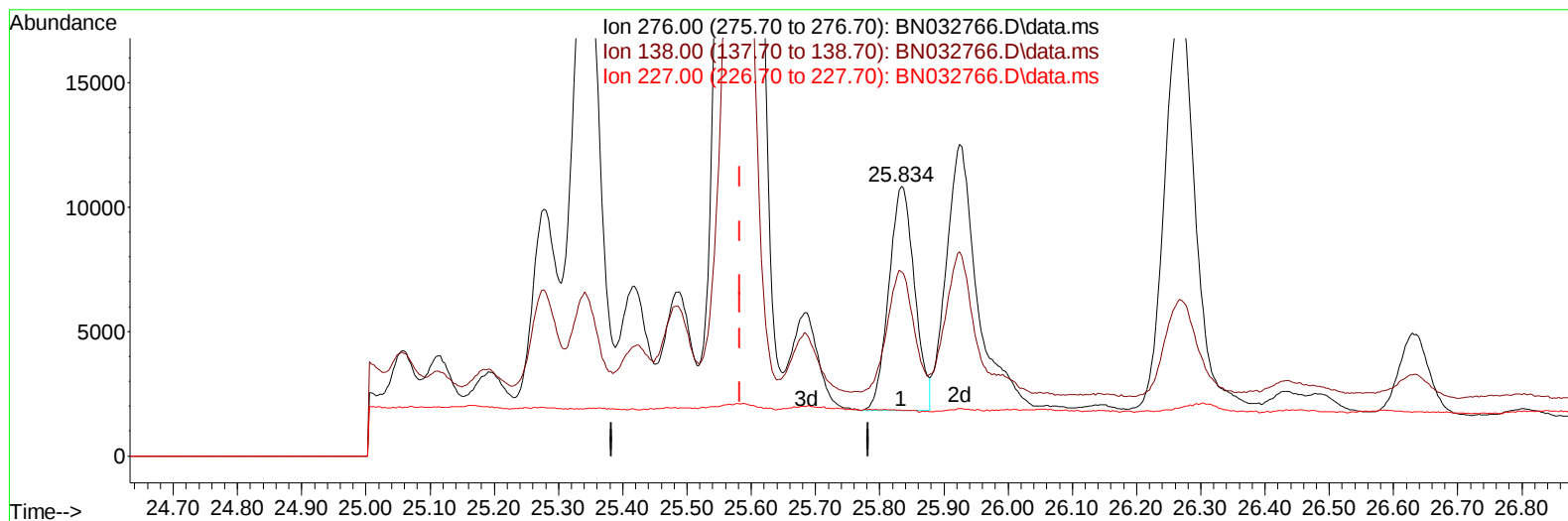
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032766.D\data.ms

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

25.834min (+ 0.251) 0.25 ng/u1

response 25185

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	55.93#
227.00	0.00	0.00
0.00	0.00	0.00

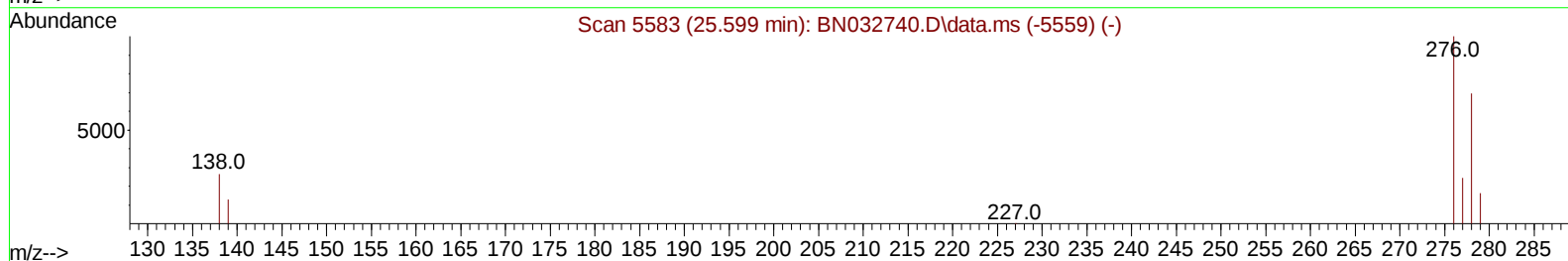
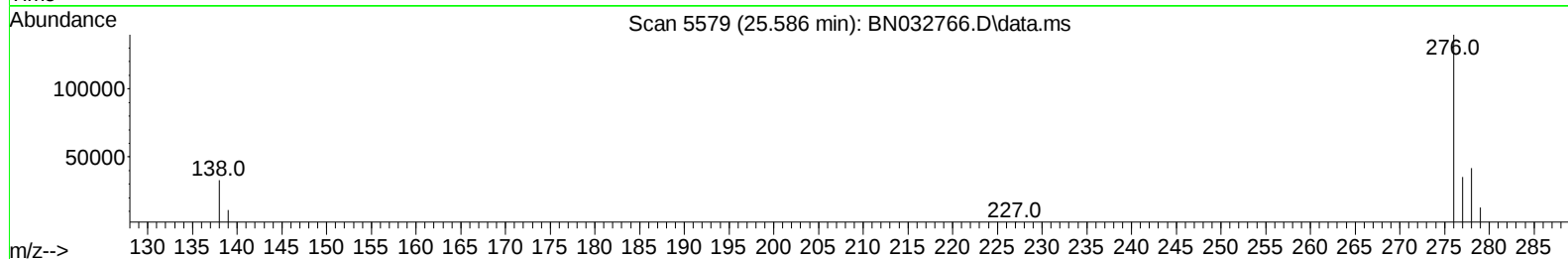
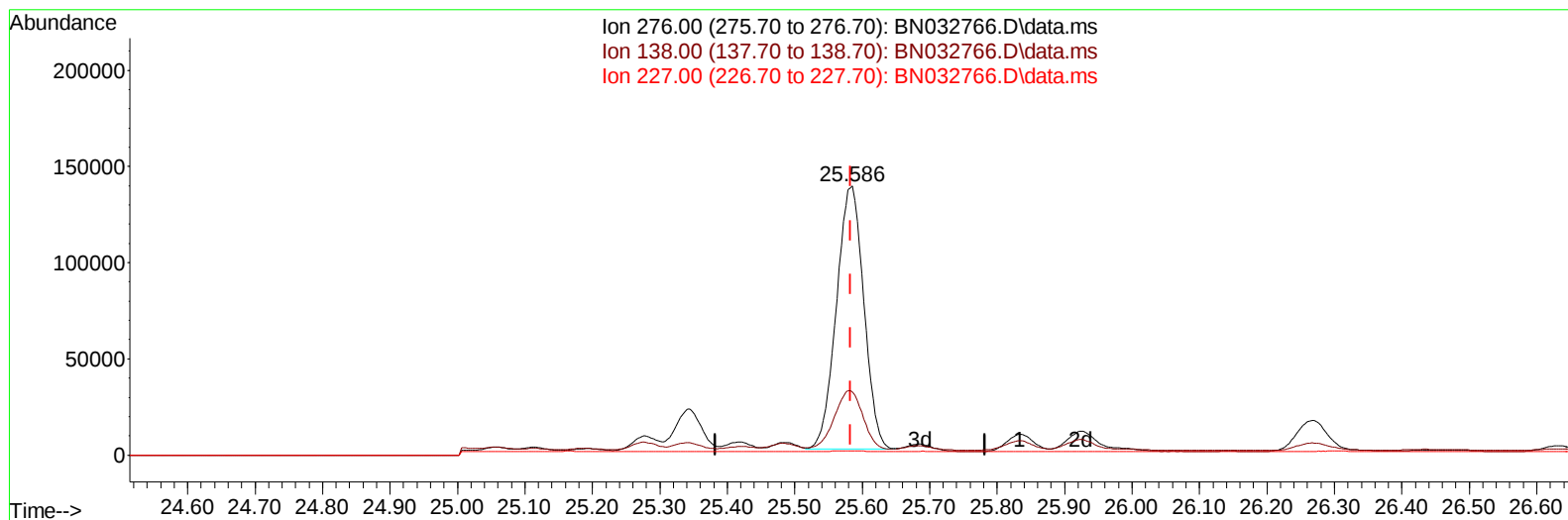
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

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

25.586min (+ 0.003) 3.76 ng/u1 m

response 384438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.66#
227.00	0.00	0.00
0.00	0.00	0.00

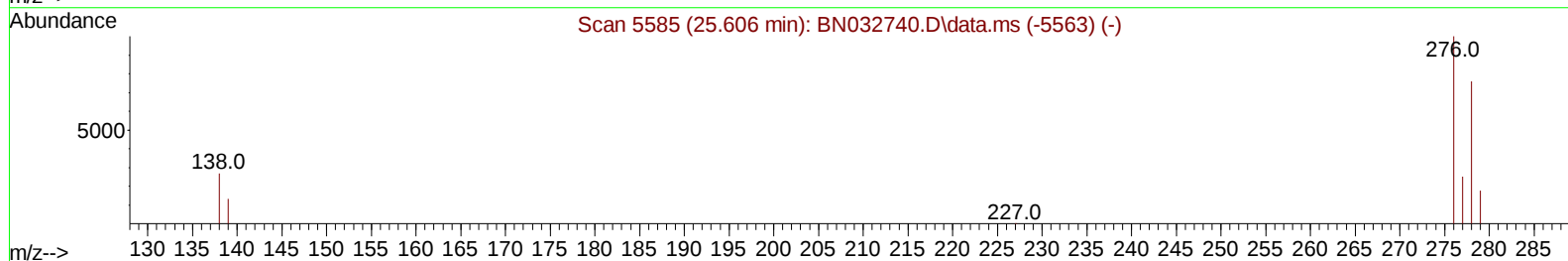
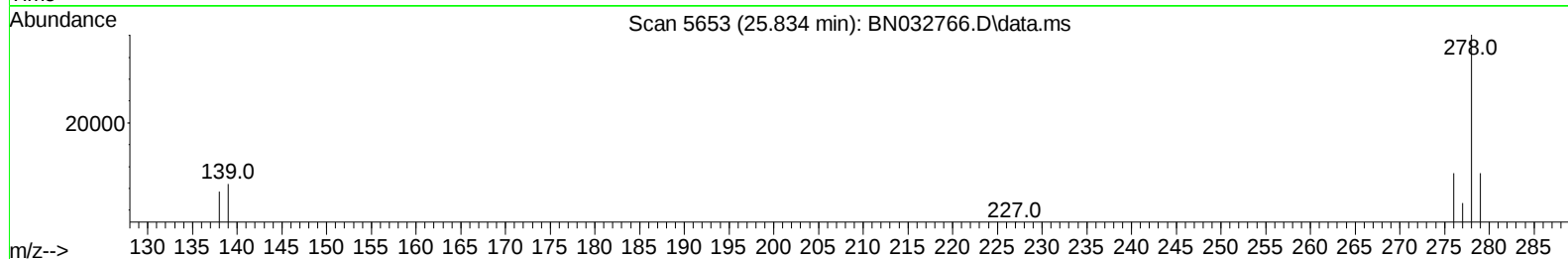
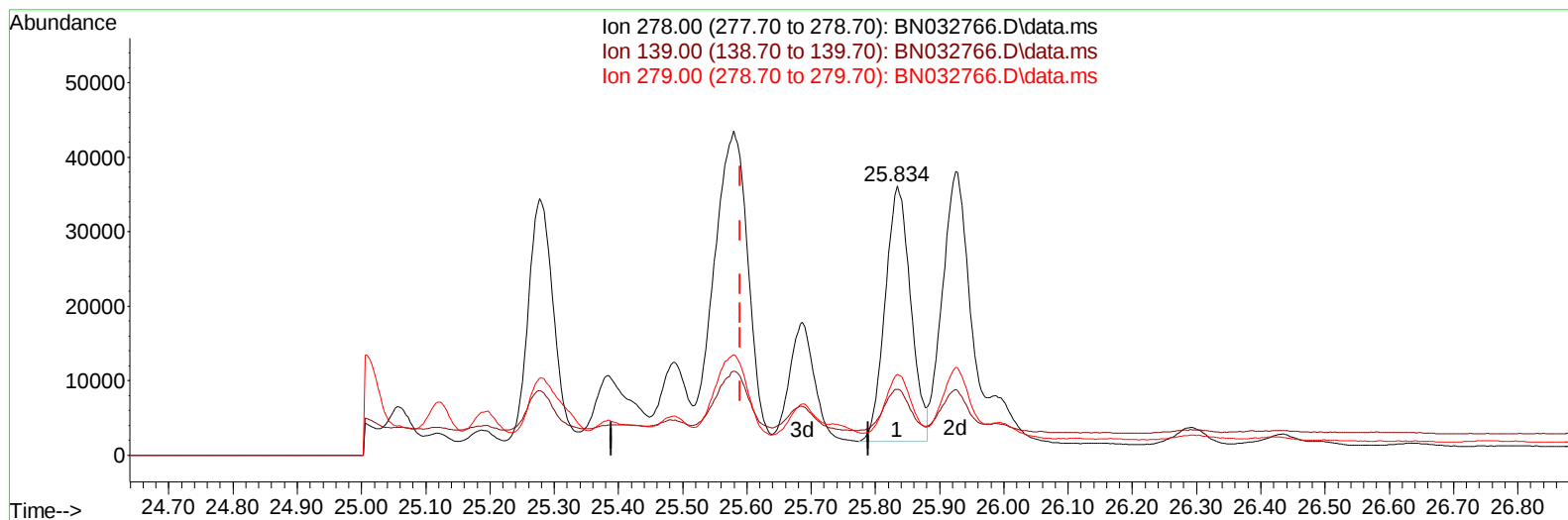
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(28) Dibenzo(a,h)anthracene

25.834min (+ 0.245) 1.20 ng/u1

response 94754

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	24.53
279.00	29.60	29.97
0.00	0.00	0.00

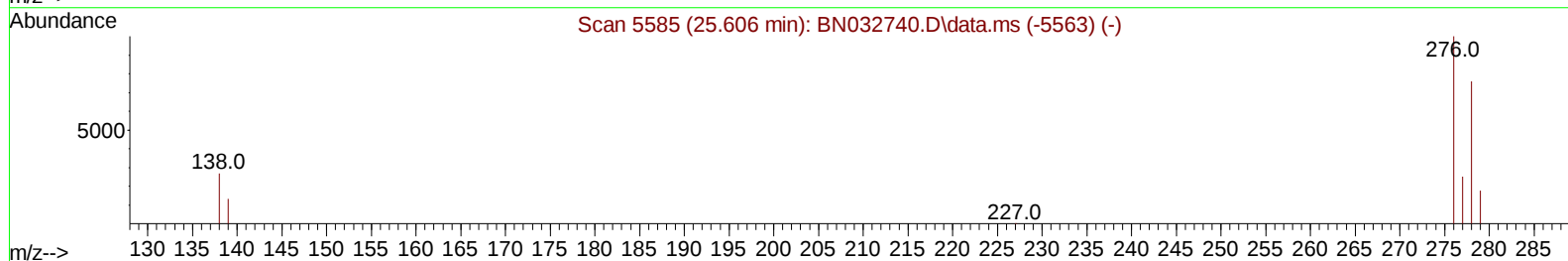
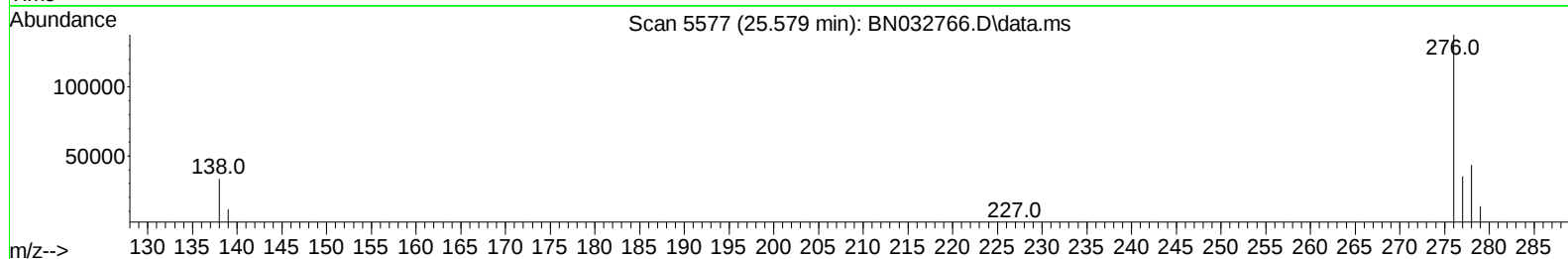
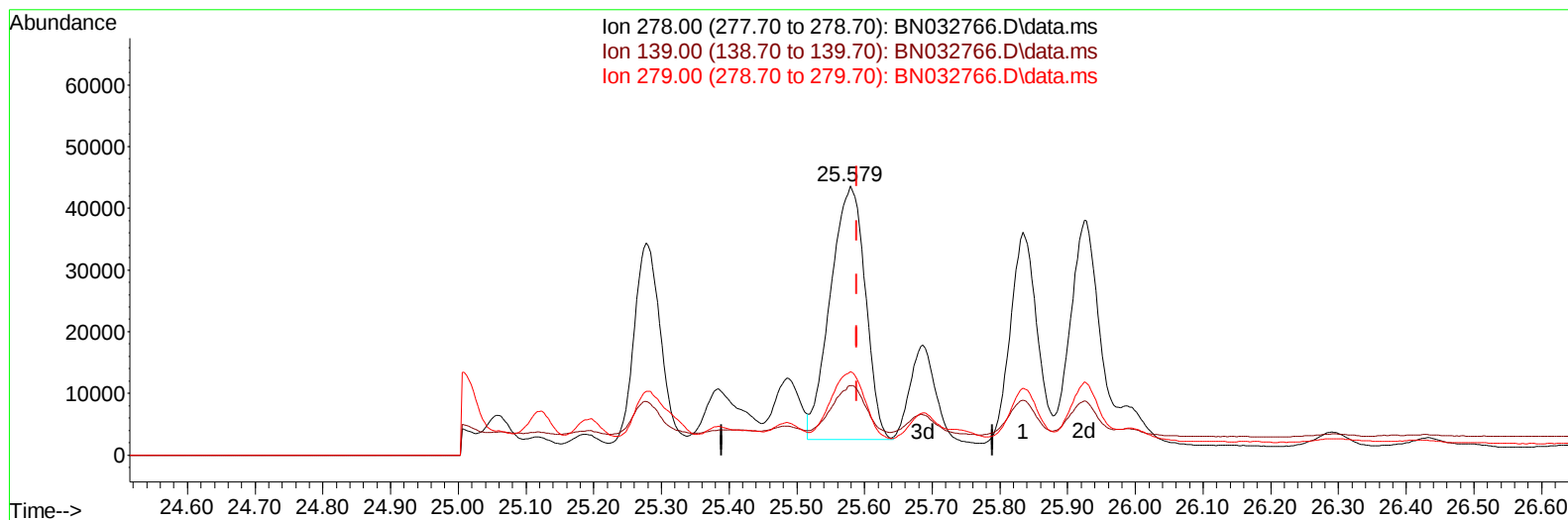
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

(28) Dibenzo(a,h)anthracene

25.579min (-0.010) 1.85 ng/ul m

response 146694

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	25.82#
279.00	29.60	30.91
0.00	0.00	0.00

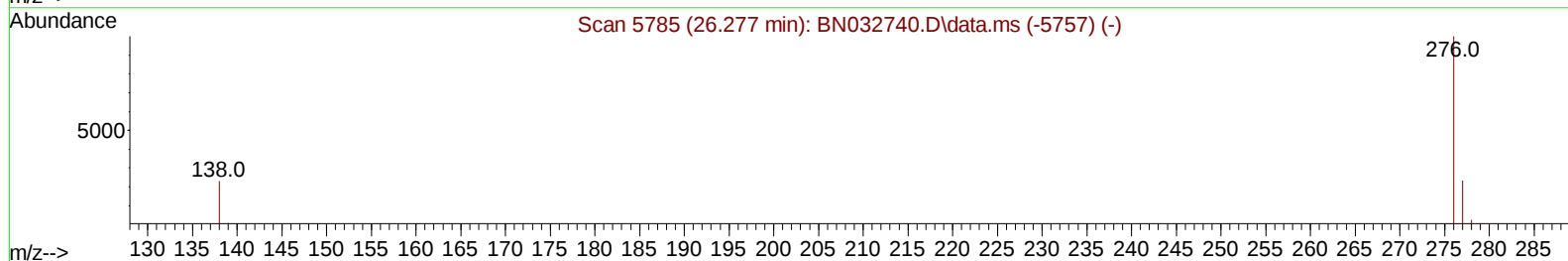
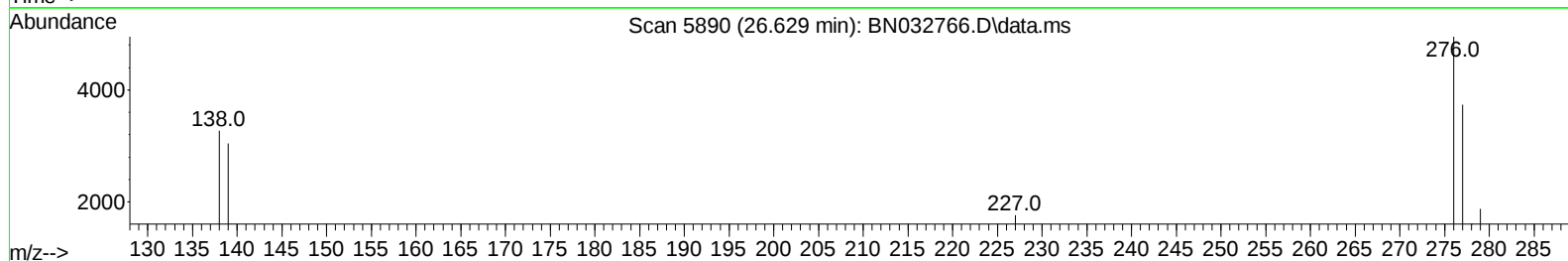
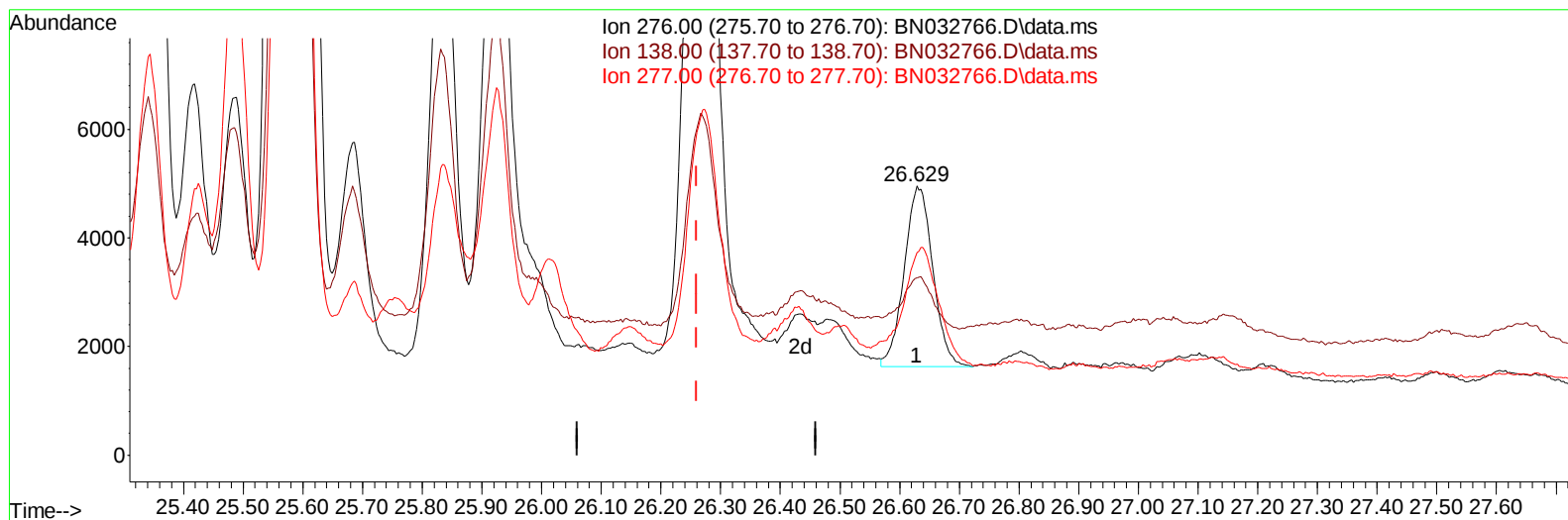
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032766.D
 Acq On : 17 Jul 2024 06:58
 Operator : MA/JU
 Sample : P3100-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

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

26.629min (+ 0.369) 0.13 ng/u1

response 11087

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	65.94#
277.00	25.80	75.35#
0.00	0.00	0.00

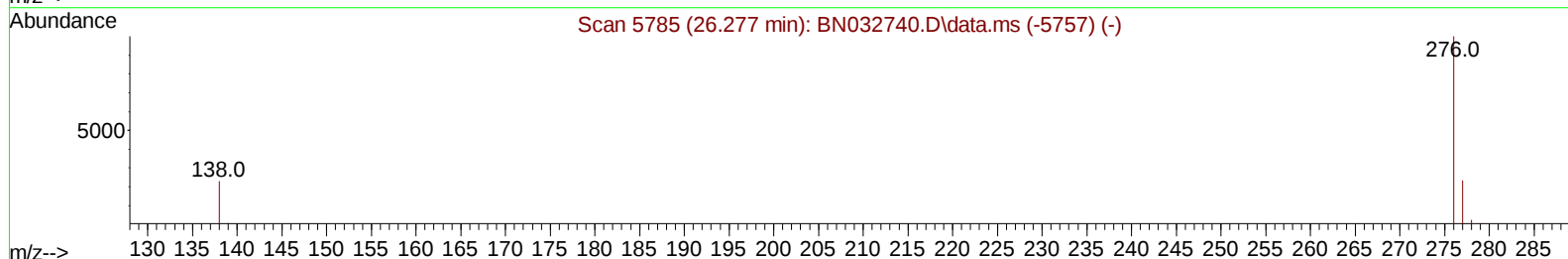
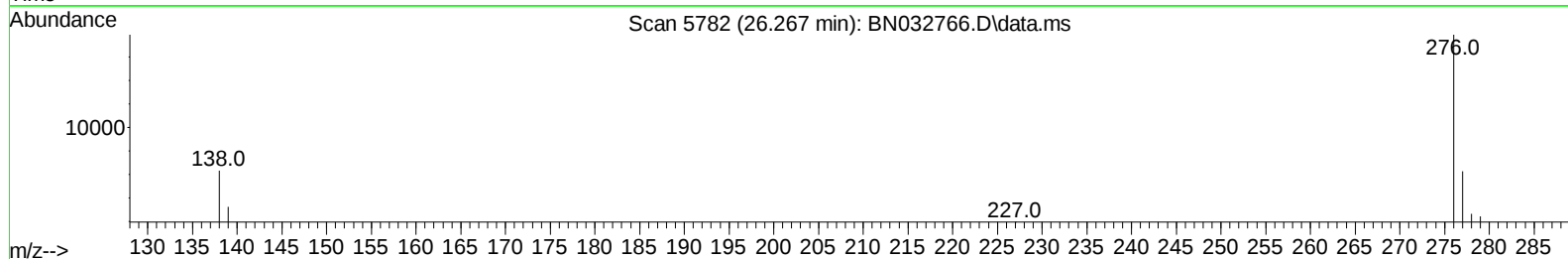
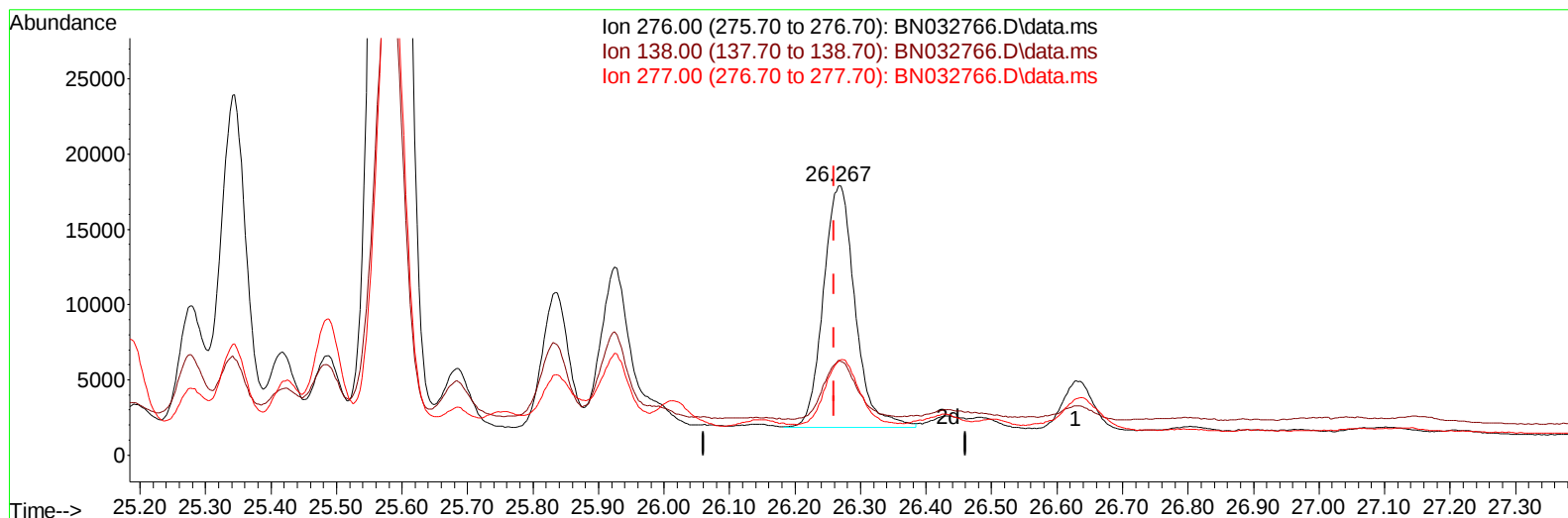
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032766.D\data.ms

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

26.267min (+ 0.007) 0.63 ng/ul m

response 54245

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	35.25#
277.00	25.80	34.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032766.D
 Acq On : 17 Jul 2024 06:58
 Operator : MA/JU
 Sample : P3100-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6148	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	14963	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	10462	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	21191m	0.400	ng/ul	0.00
17) Chrysene-d12	21.171	240	18066m	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	24727m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	30320	4.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5802	0.257	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	16347m	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	10635	0.265	ng/ul	100
7) 2-Methylnaphthalene	11.988	142	3852	0.154	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	3356	0.129	ng/ul	100
10) Acenaphthylene	13.915	152	37250	0.881	ng/ul	100
11) Acenaphthene	14.258	153	18503	0.529	ng/ul	99
12) Fluorene	15.252	166	23049	0.577	ng/ul	98
15) Phenanthrene	16.995	178	543379m	9.415	ng/ul	
16) Anthracene	17.088	178	107798m	2.286	ng/ul	
19) Fluoranthene	19.027	202	1397317m	19.023	ng/ul	
20) Pyrene	19.394	202	962251m	12.656	ng/ul	
21) Benzo(a)anthracene	21.153	228	665313m	11.569	ng/ul	
22) Chrysene	21.206	228	785701m	9.445	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	1148789m	13.167	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	398826m	3.751	ng/ul	
26) Benzo(a)pyrene	23.275	252	376675m	4.989	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.586	276	384438m	3.760	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	146694m	1.851	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	54245m	0.635	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:22:31 2024
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