

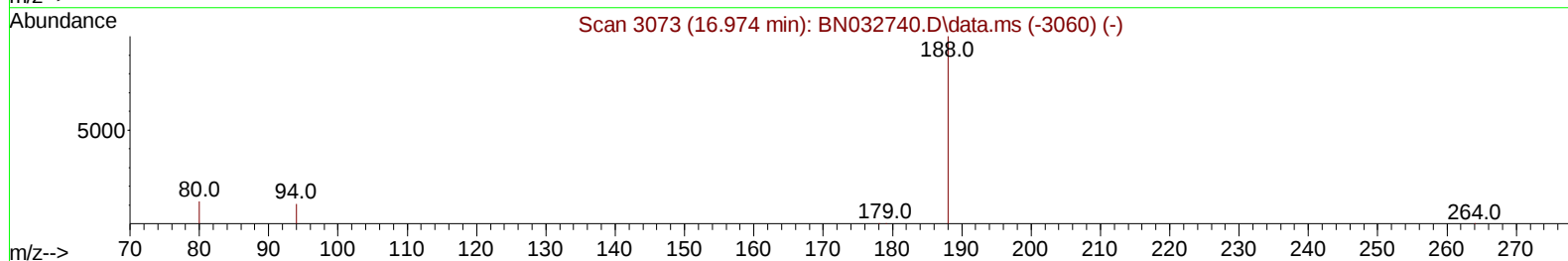
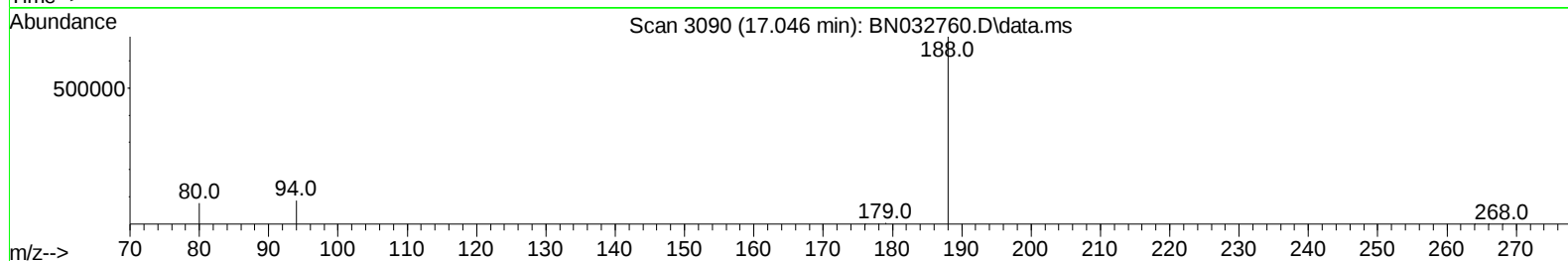
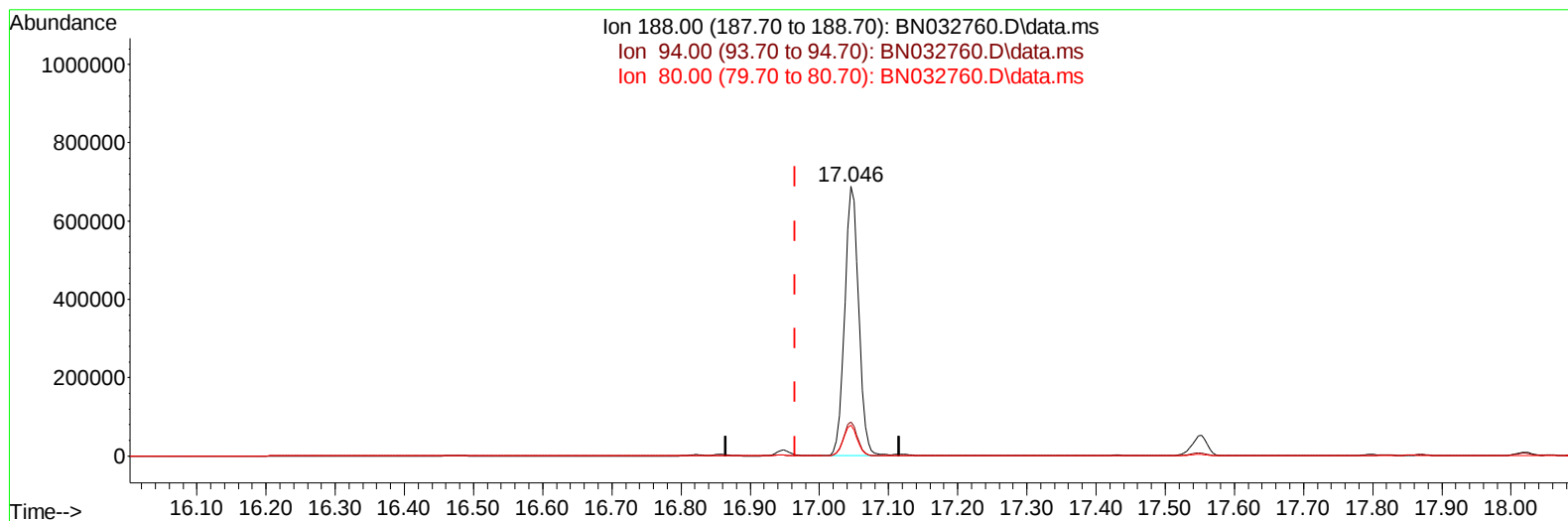
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(13) Phenanthrene-d10 (I)

17.046min (+ 0.080) 0.40 ng/u1

response 965035

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.57
80.00	12.00	11.34
0.00	0.00	0.00

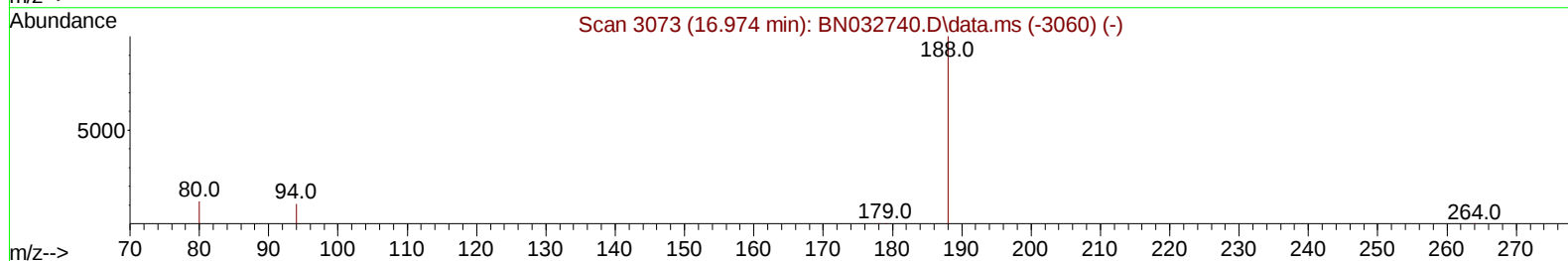
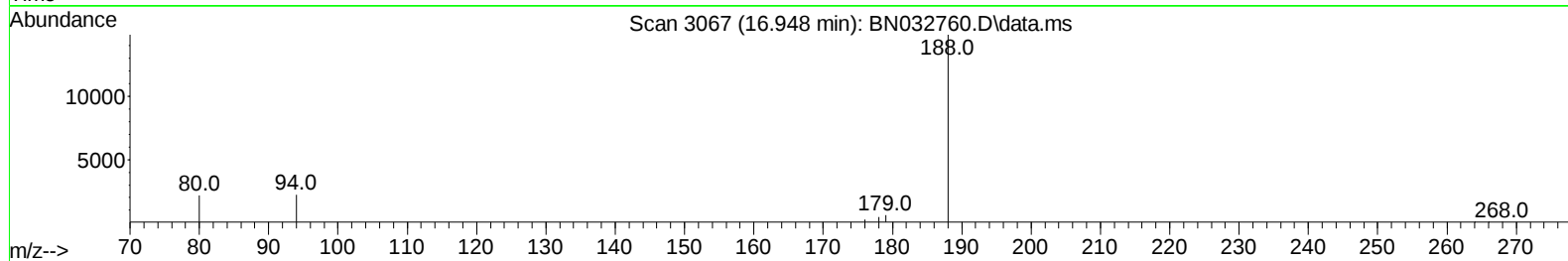
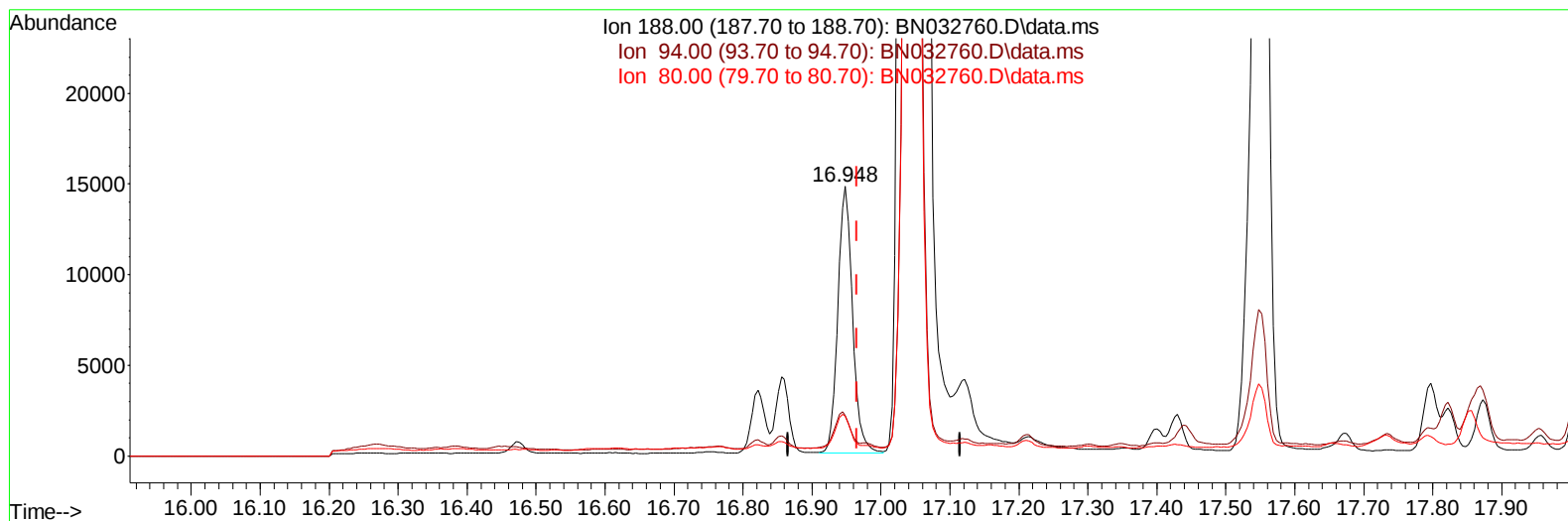
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(13) Phenanthrene-d10 (I)

16.948min (-0.017) 0.40 ng/ul m

response 21629

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	15.05#
80.00	12.00	14.65#
0.00	0.00	0.00

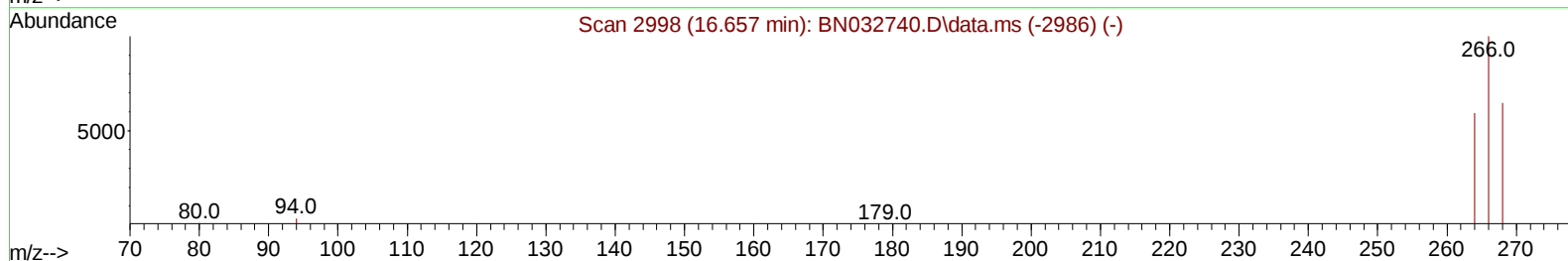
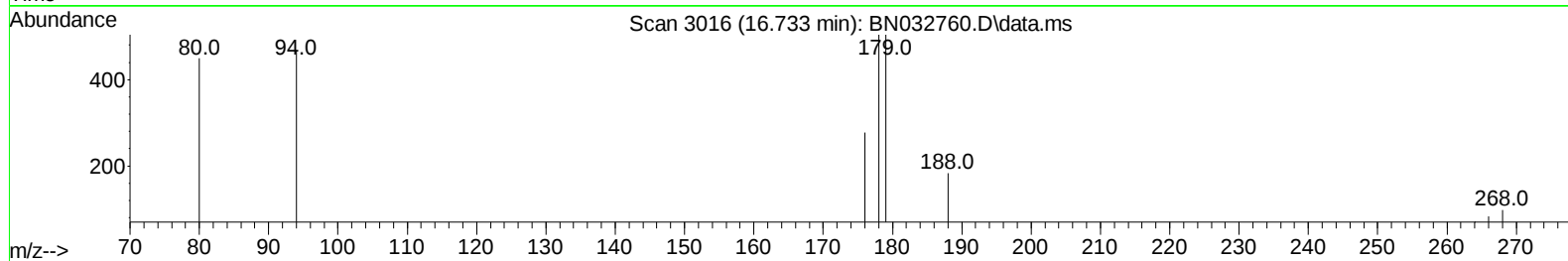
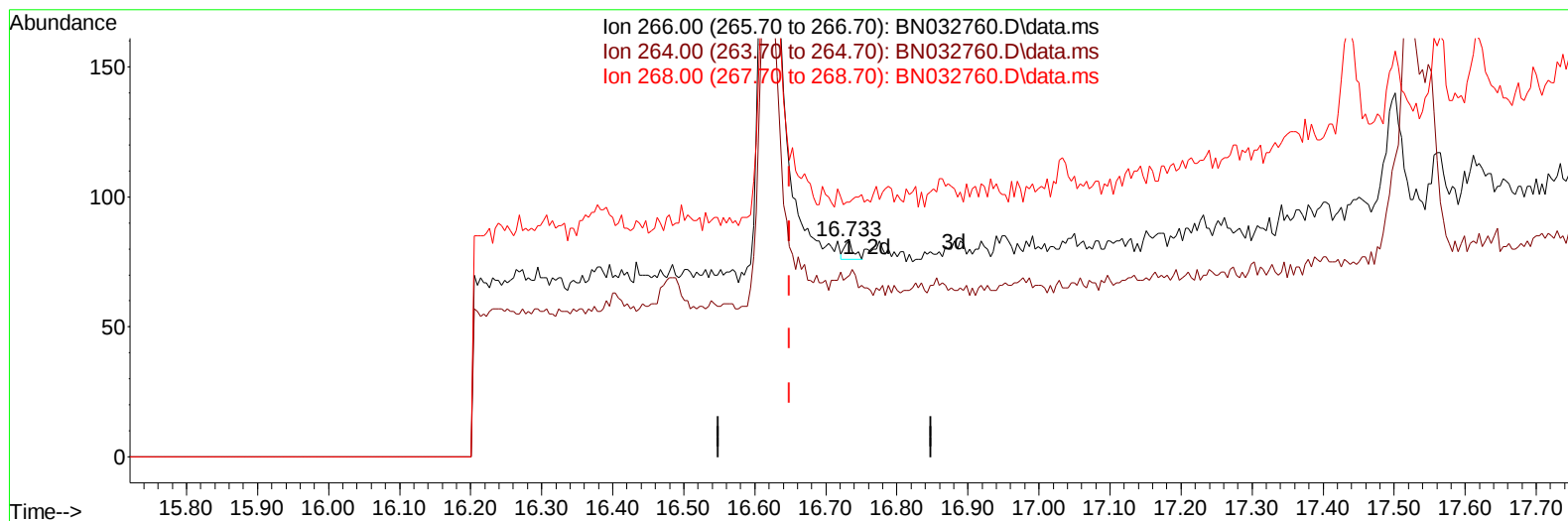
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(14) Pentachloropheno1

16.733min (+ 0.084) 0.00 ng/u1

response 6

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	166.67#
268.00	64.50	0.00#
0.00	0.00	0.00

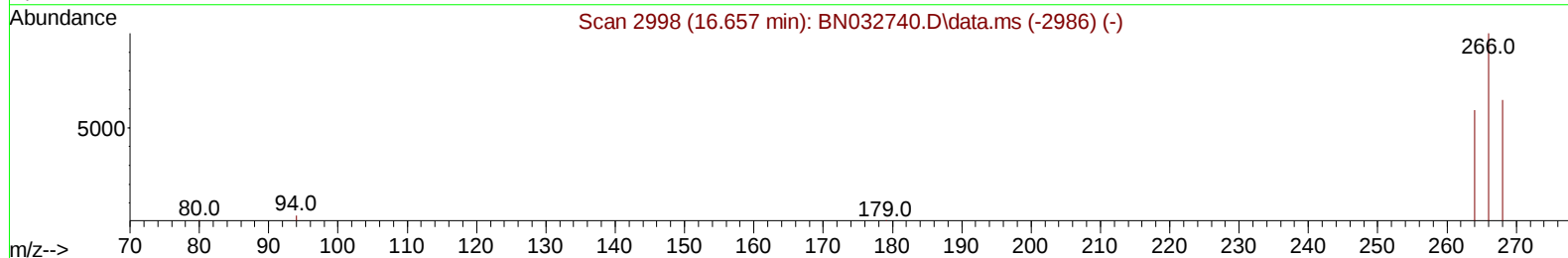
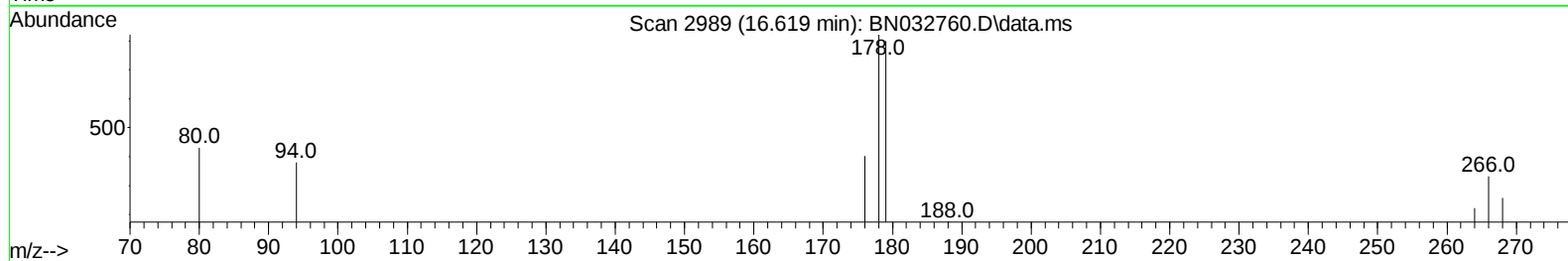
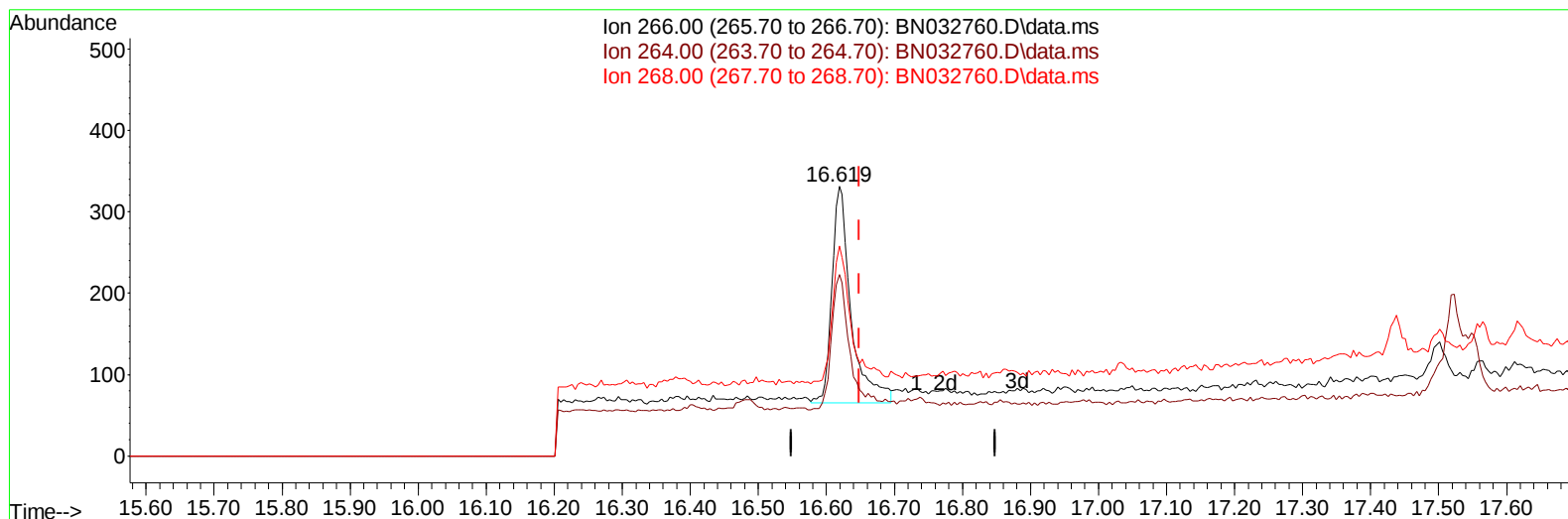
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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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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TIC: BN032760.D\data.ms

(14) Pentachlorophenol

16.619min (-0.030) 0.14 ng/ul m

response 524

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	1.91#
268.00	64.50	0.00#
0.00	0.00	0.00

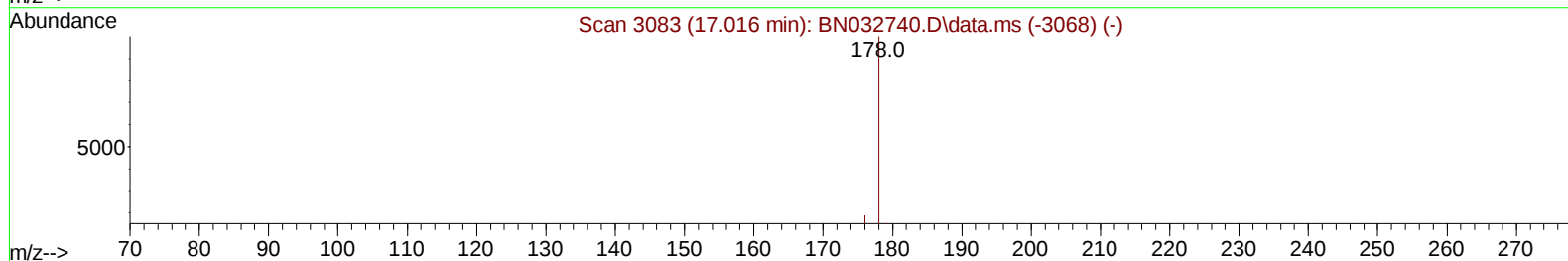
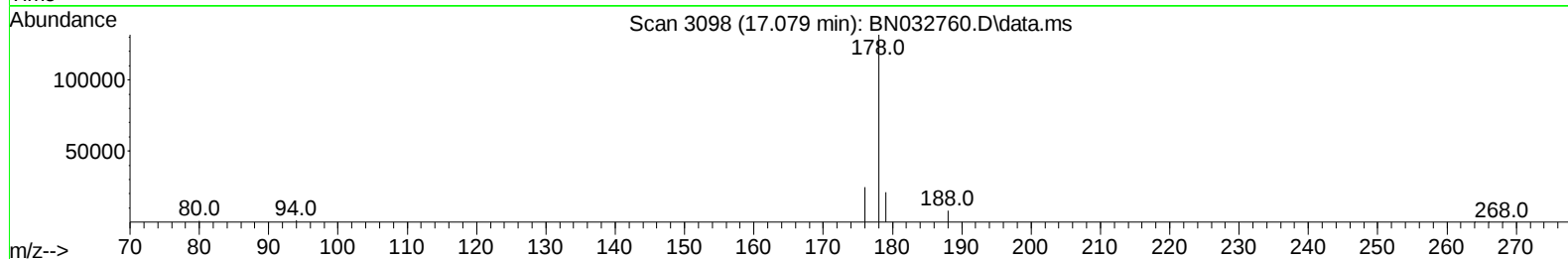
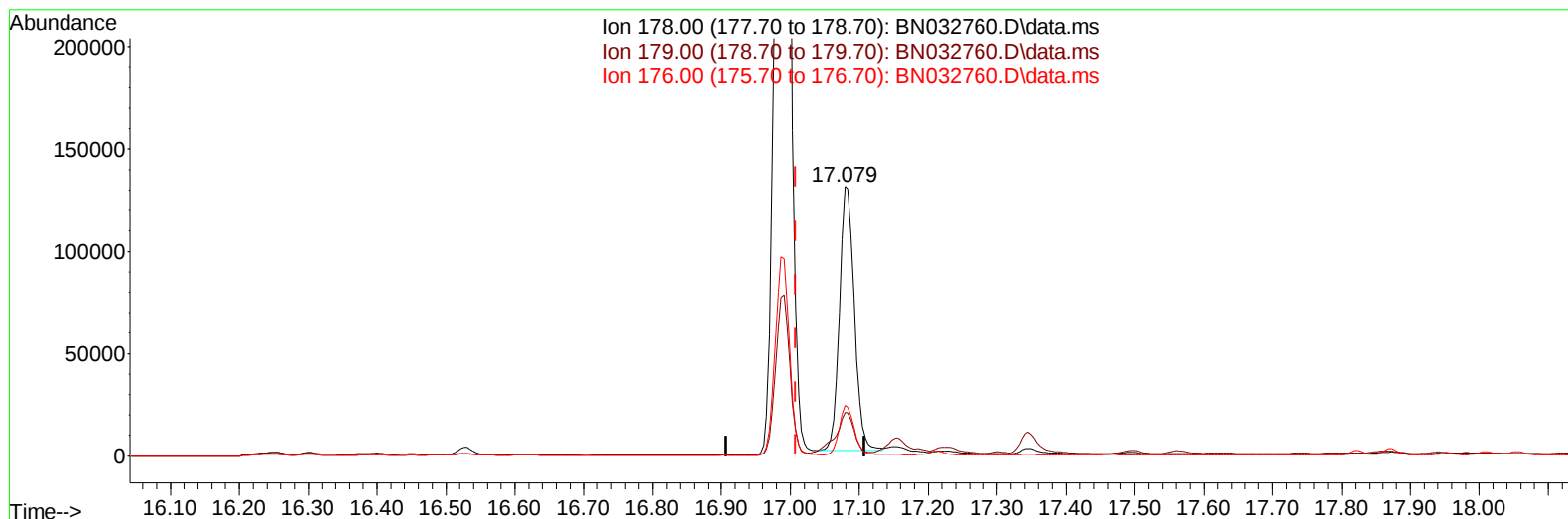
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
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Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032760.D\data.ms

(15) Phenanthrene

17.079min (+ 0.072) 3.26 ng/u1

response 192213

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.06
176.00	19.50	18.69
0.00	0.00	0.00

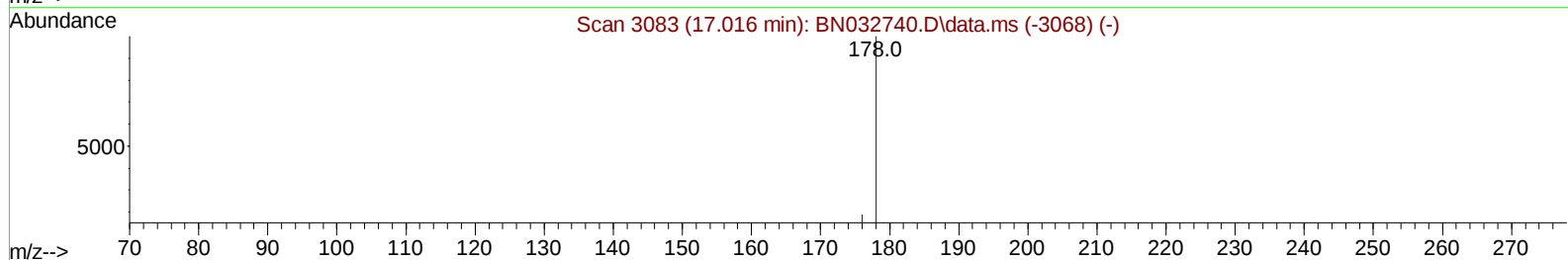
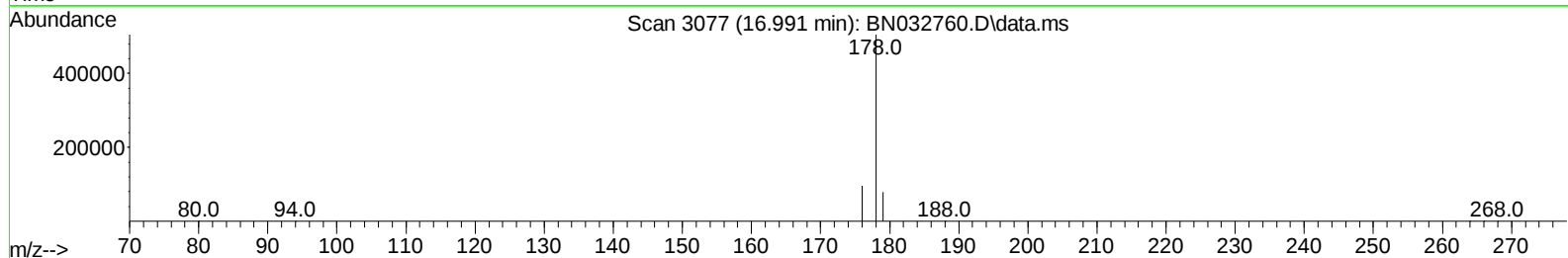
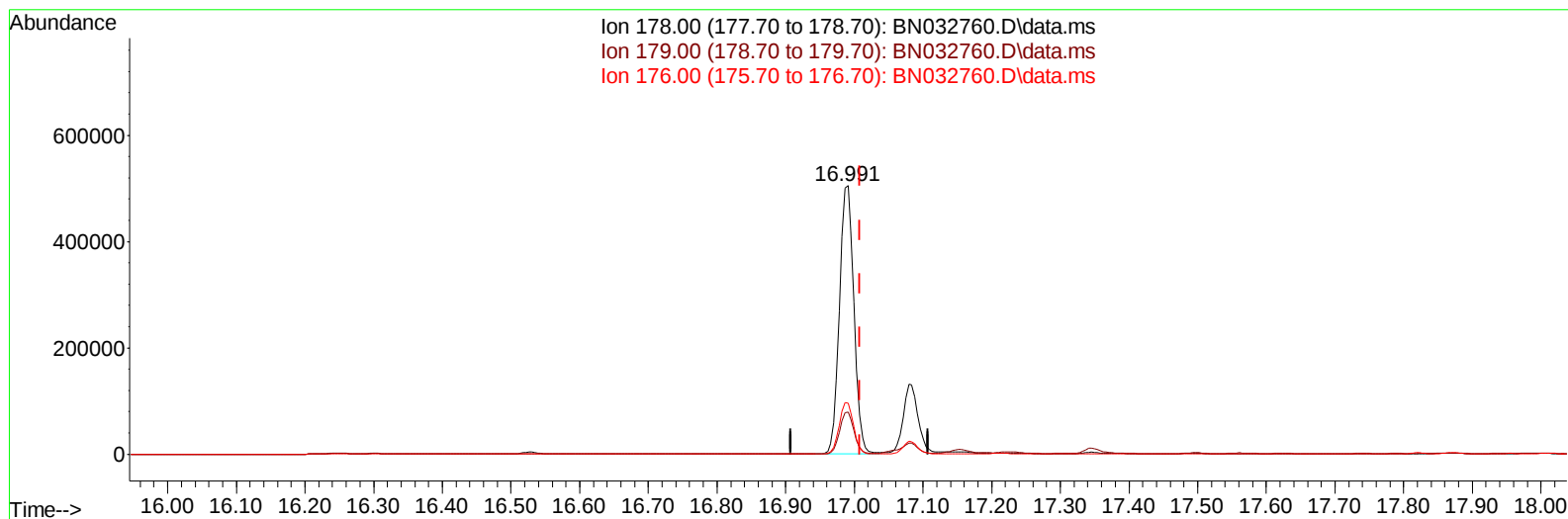
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032760.D\data.ms

(15) Phenanthrene

16.991min (-0.017) 12.49 ng/ul m

response 735998

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.59
176.00	19.50	19.08
0.00	0.00	0.00

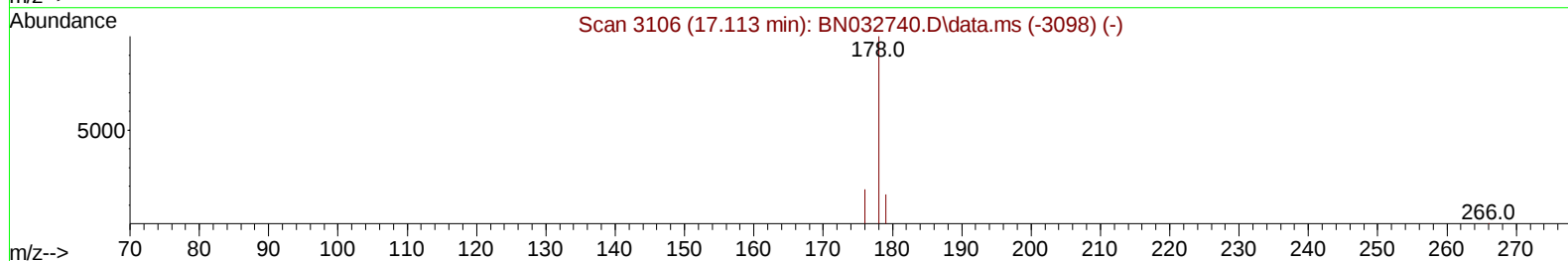
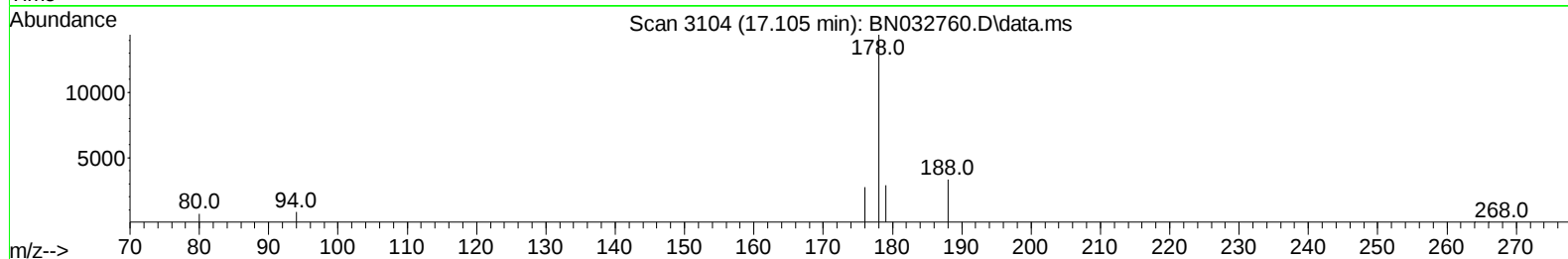
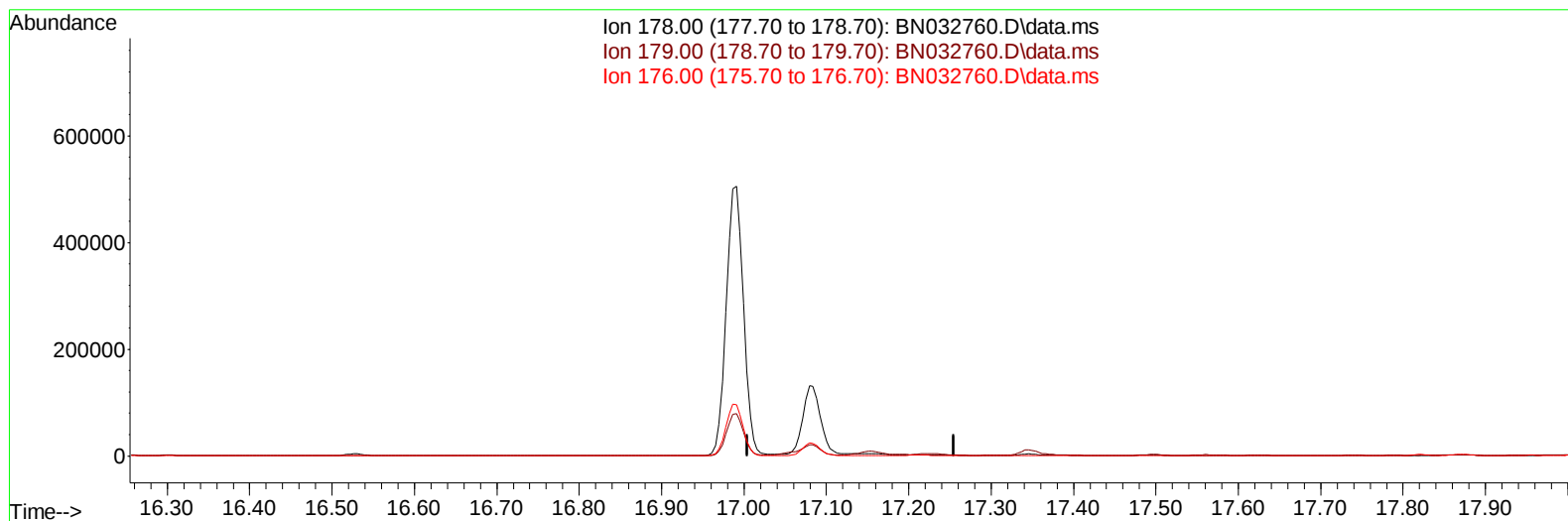
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032760.D\data.ms

(16) Anthracene

17.105min (-17.105) 0.00 ng/u1

response 0

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

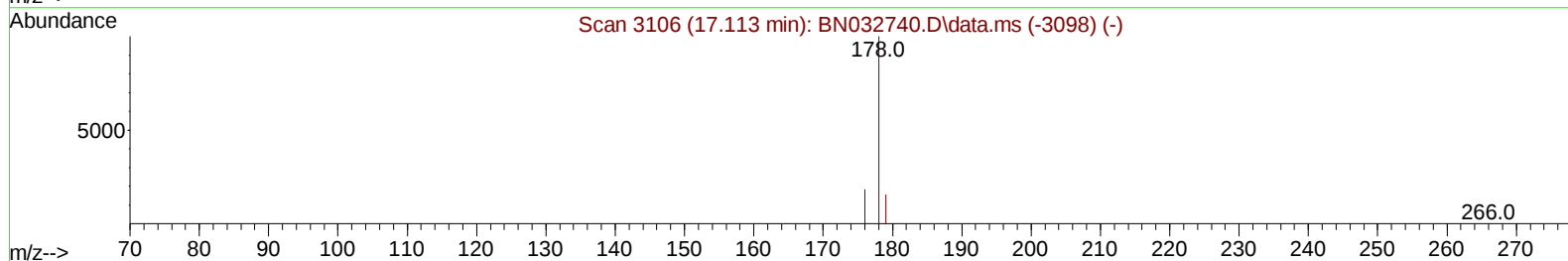
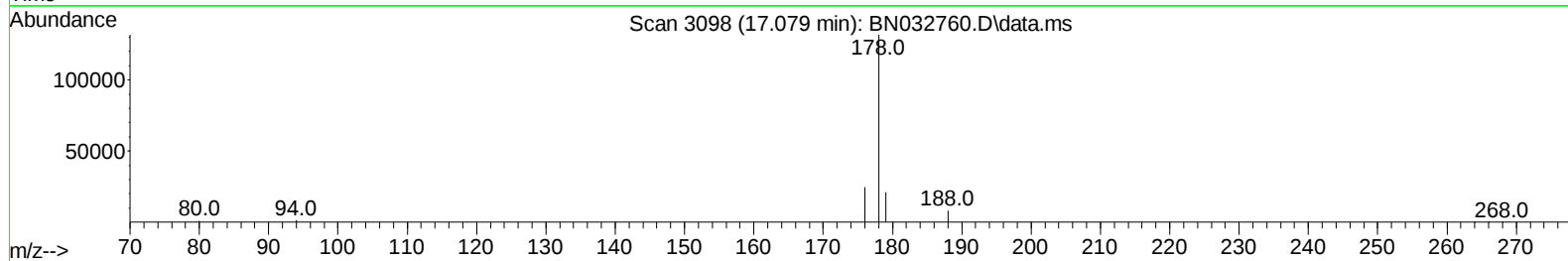
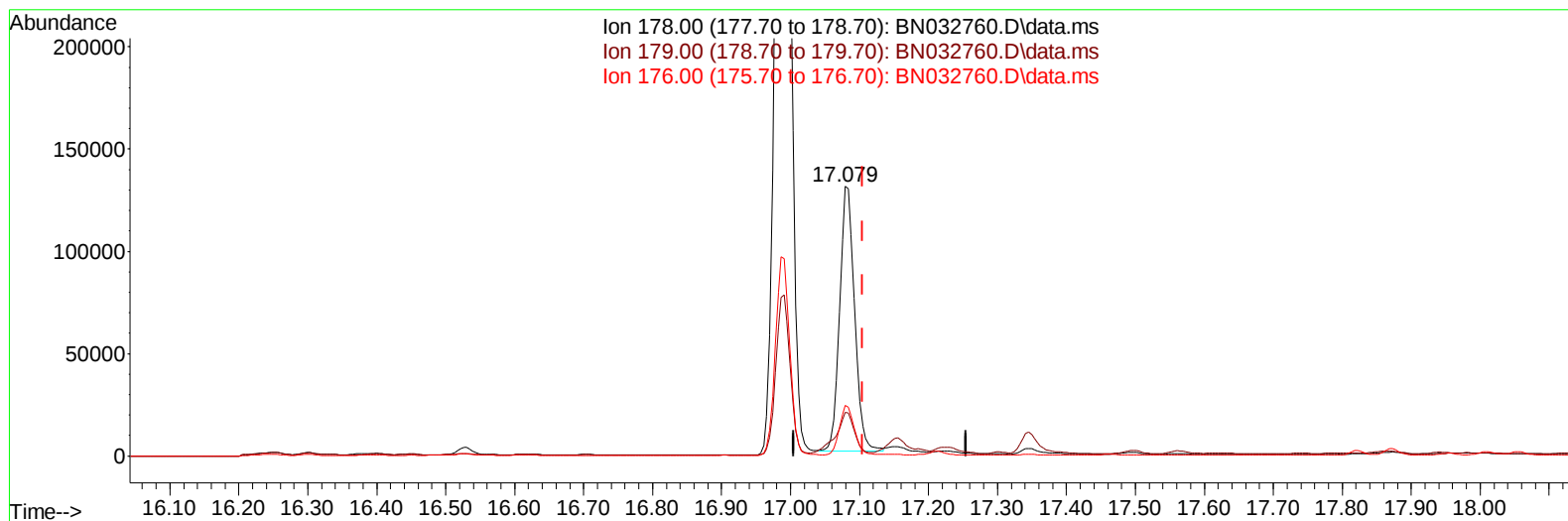
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(16) Anthracene

17.079min (-0.025) 4.04 ng/ul m

response 194559

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.06
176.00	19.20	18.69
0.00	0.00	0.00

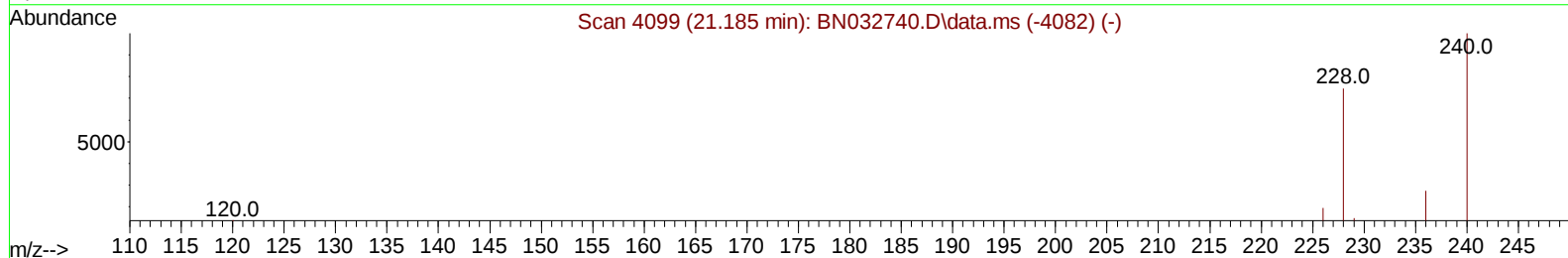
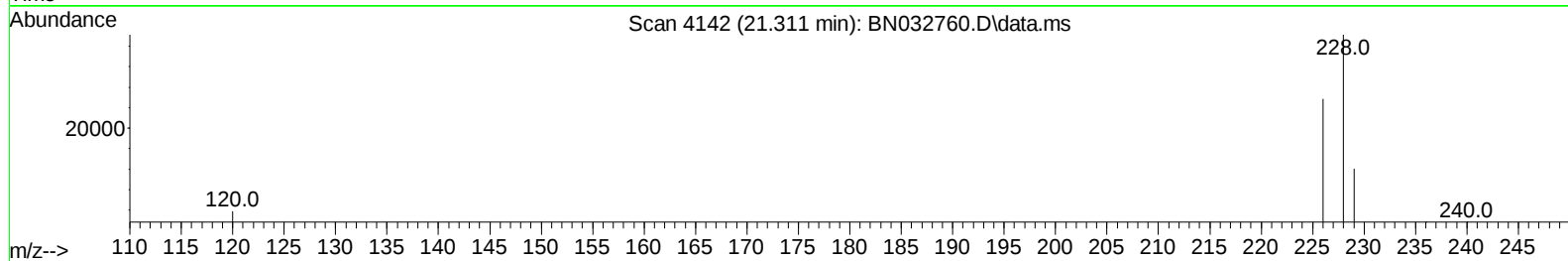
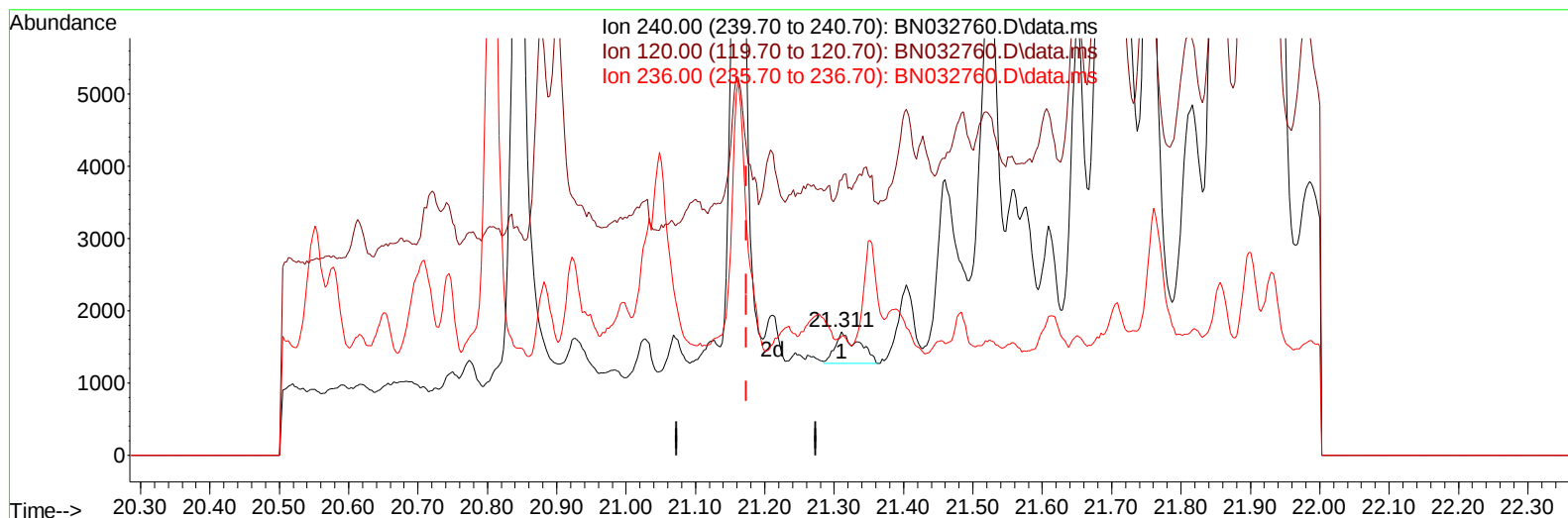
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(17) Chrysene-d12

21.311min (+ 0.137) 0.40 ng/u1

response 1049

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	222.70#
236.00	28.40	96.61#
0.00	0.00	0.00

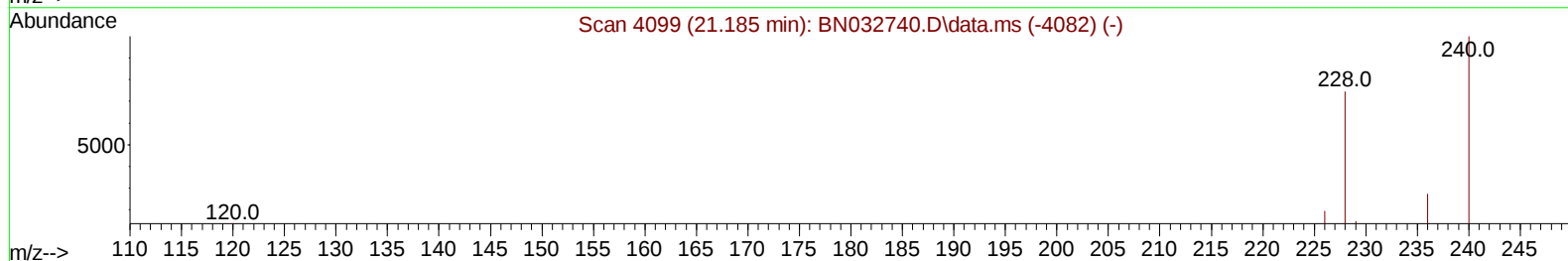
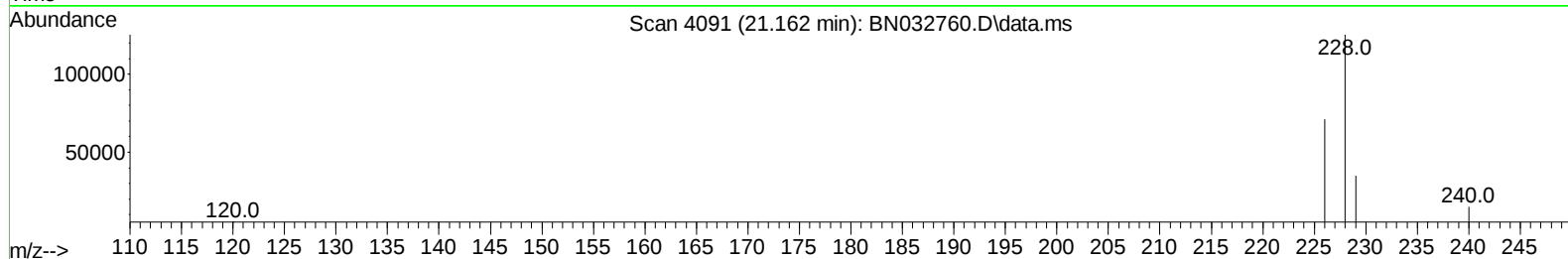
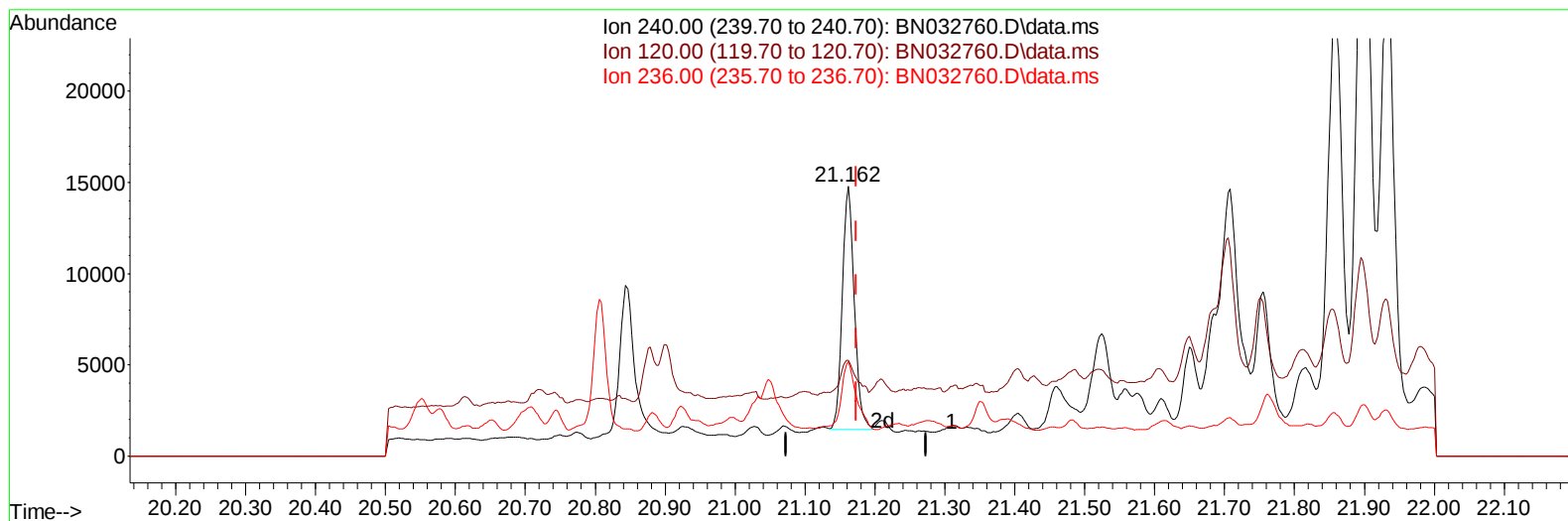
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(17) Chrysene-d12

21.162min (-0.012) 0.40 ng/u1 m

response 15887

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	35.39#
236.00	28.40	35.09#
0.00	0.00	0.00

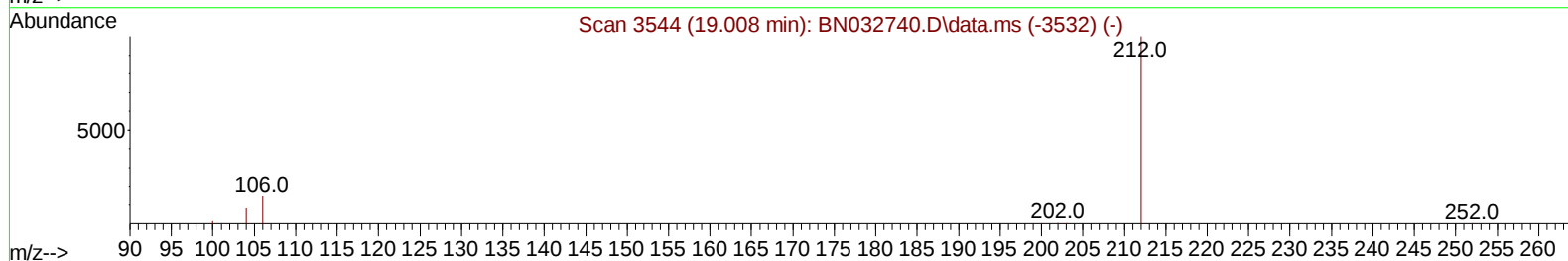
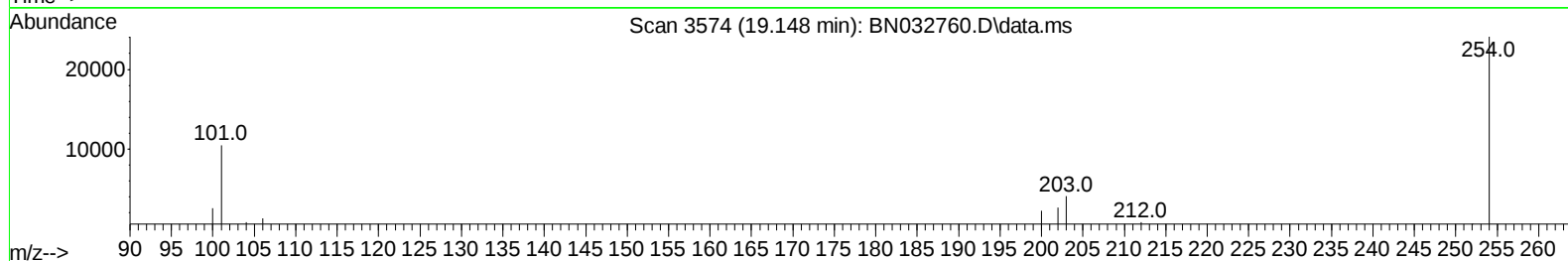
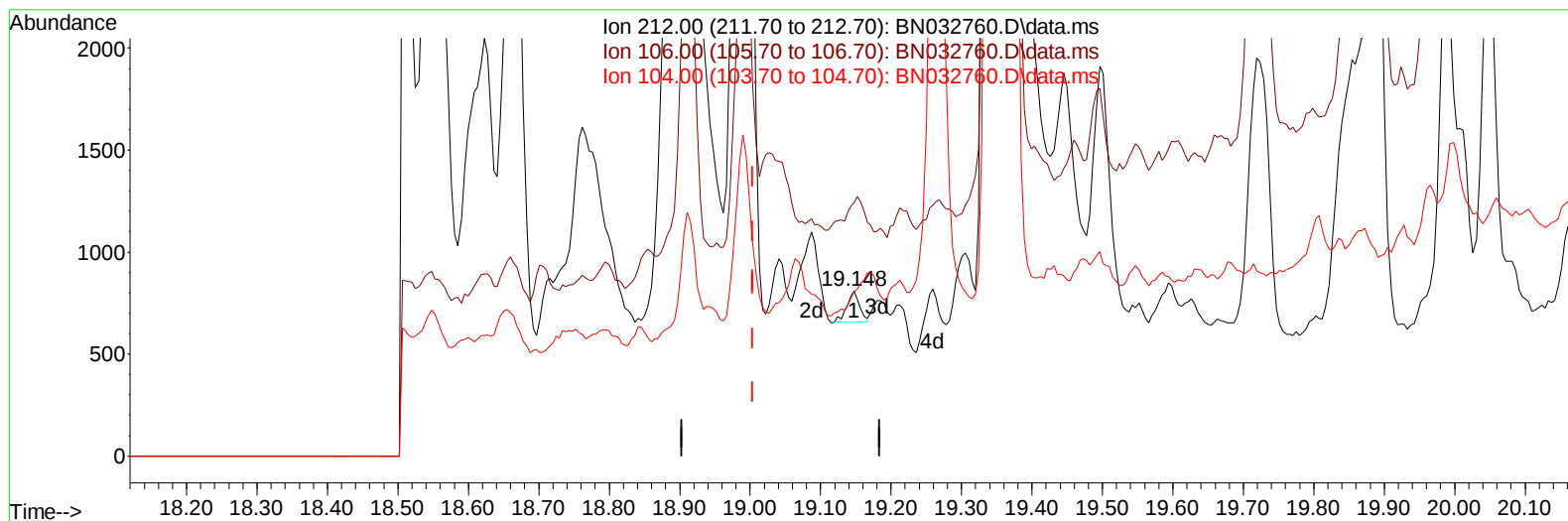
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.148min (+ 0.144) 0.00 ng/u1

response 190

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	237.37#
104.00	9.00	0.00#
0.00	0.00	0.00

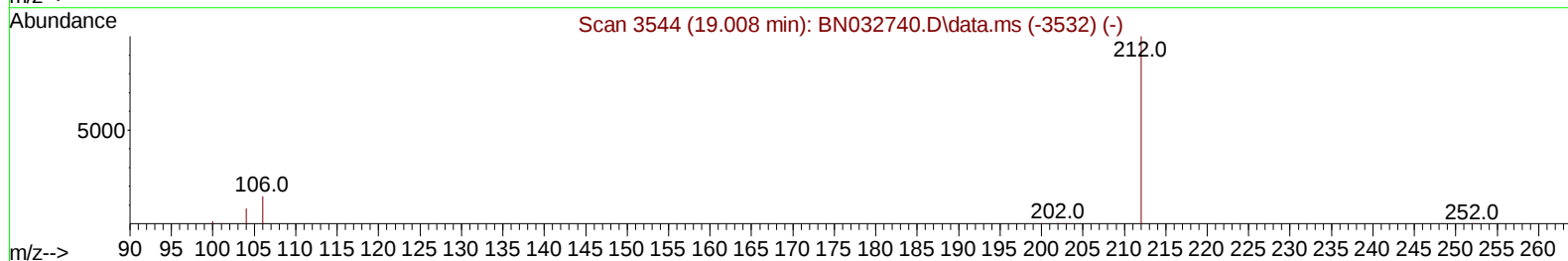
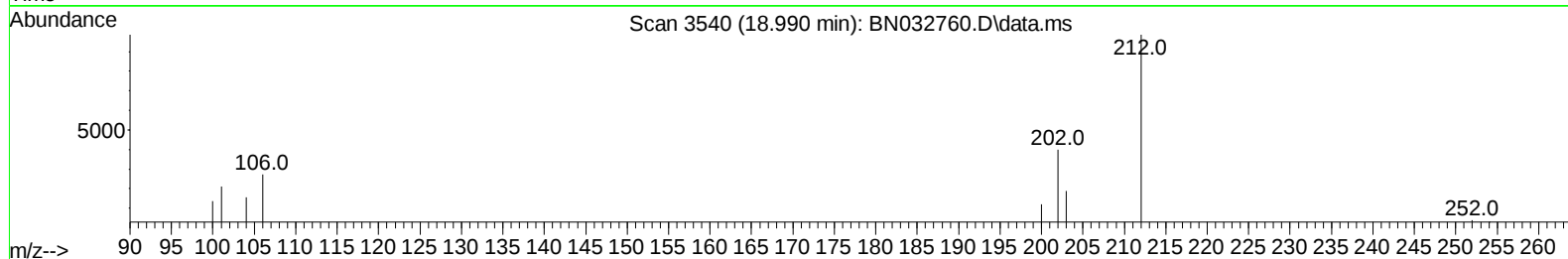
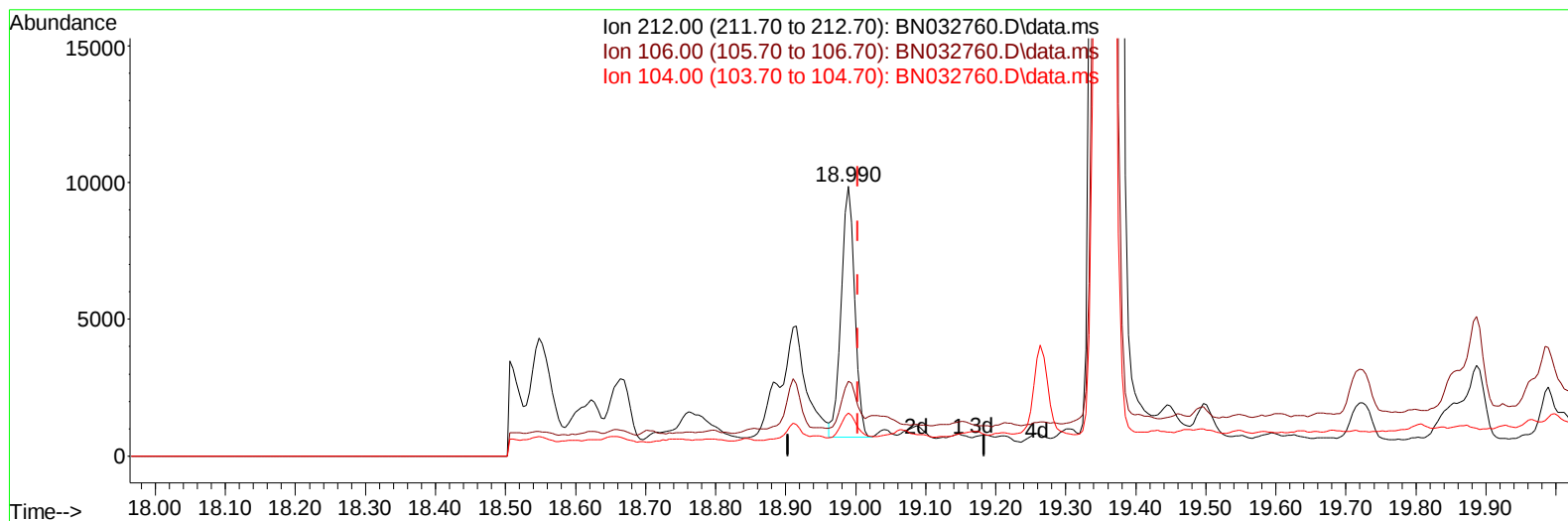
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.990min (-0.014) 0.24 ng/u1 m

response 12474

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	3.62#
104.00	9.00	0.00#
0.00	0.00	0.00

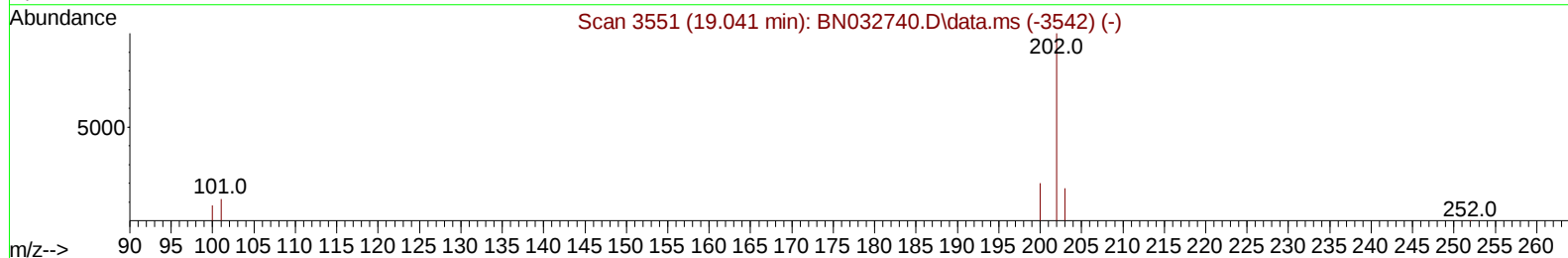
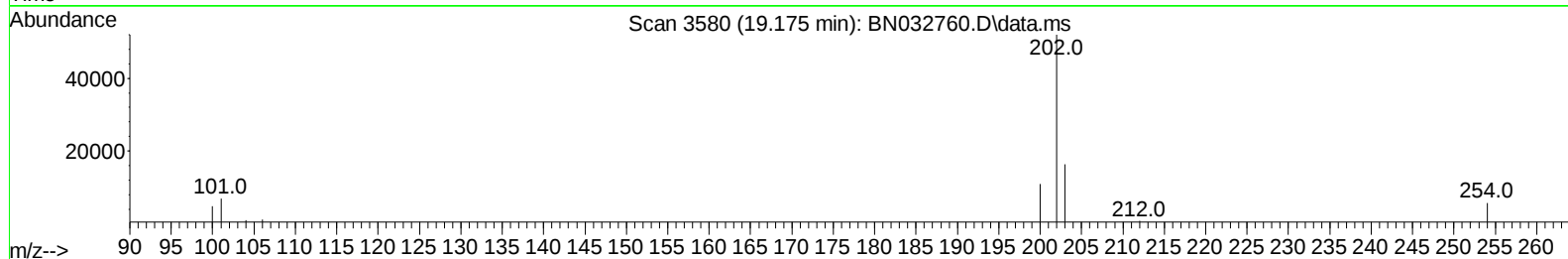
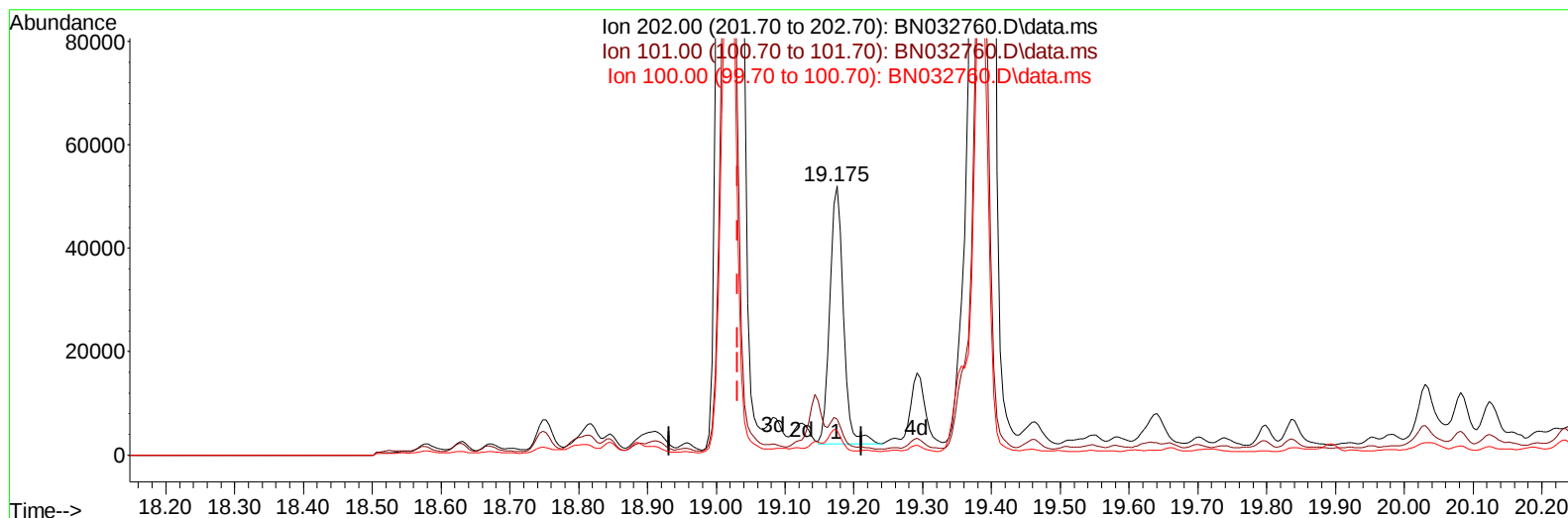
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
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Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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TIC: BN032760.D\data.ms

(19) Fluoranthene (C)

19.175min (+ 0.144) 1.07 ng/u1

response 69114

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.38
100.00	9.90	9.10
0.00	0.00	0.00

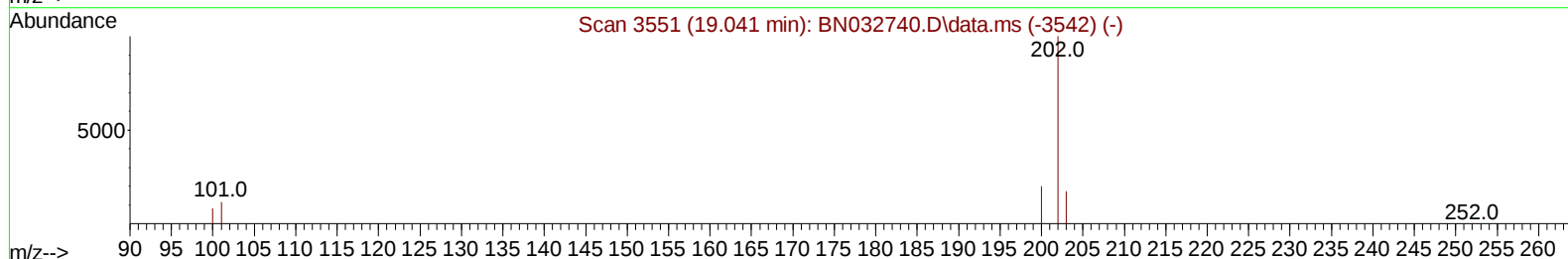
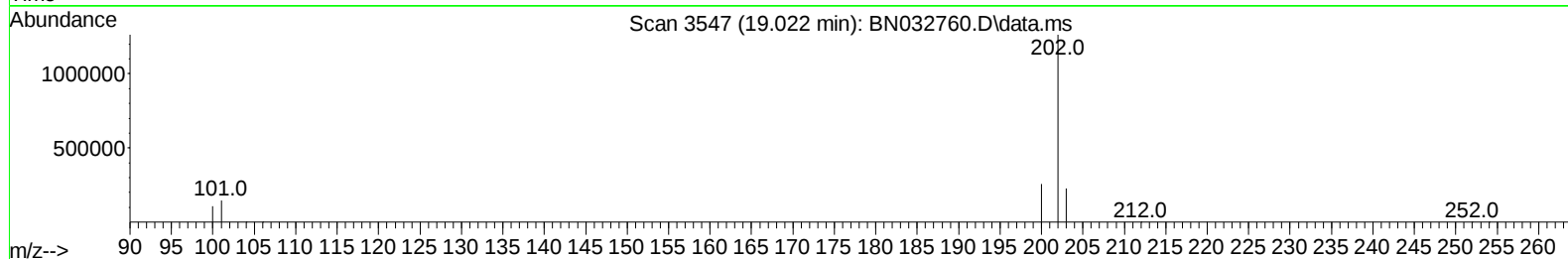
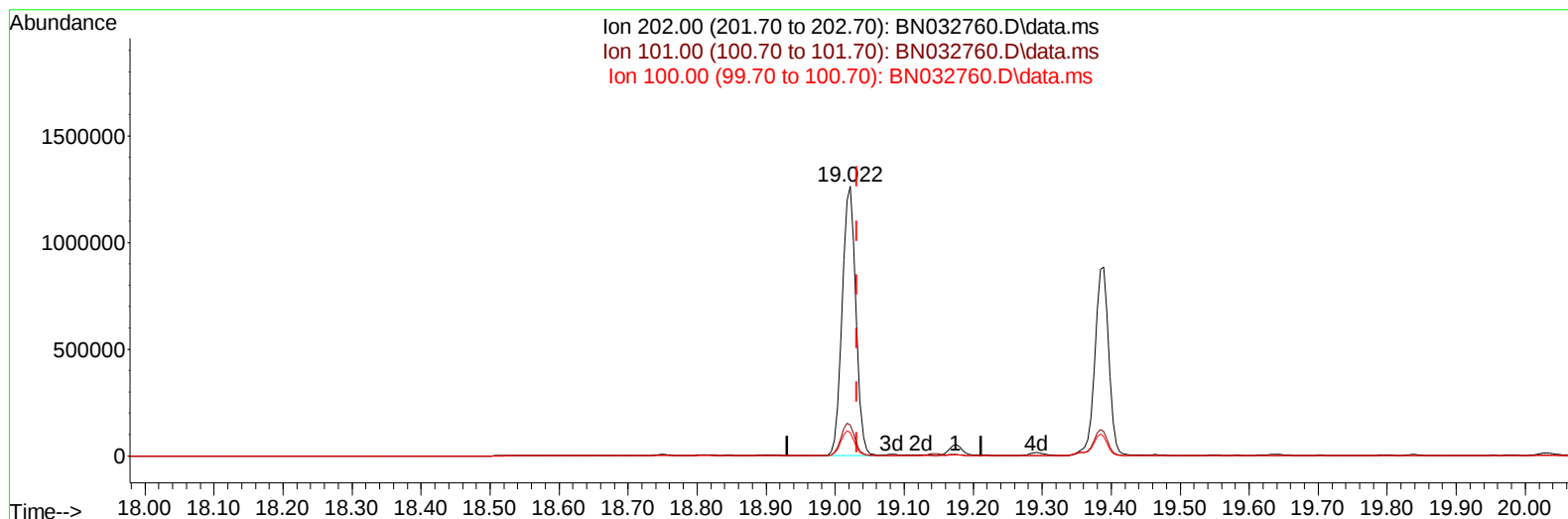
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(19) Fluoranthene (C)

19.022min (-0.009) 27.04 ng/ul m

response 1746312

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.57
100.00	9.90	8.65
0.00	0.00	0.00

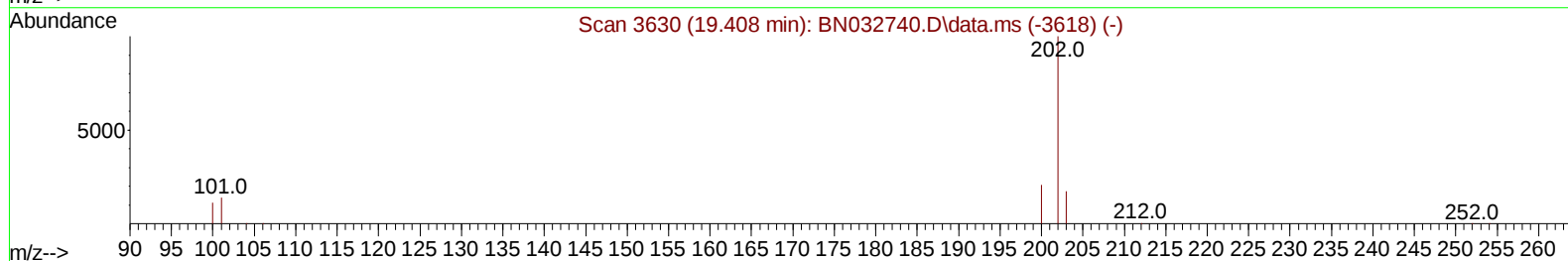
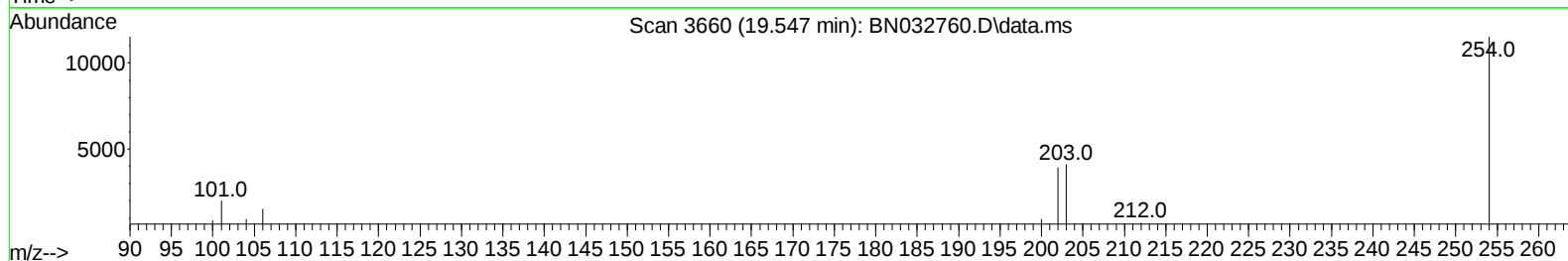
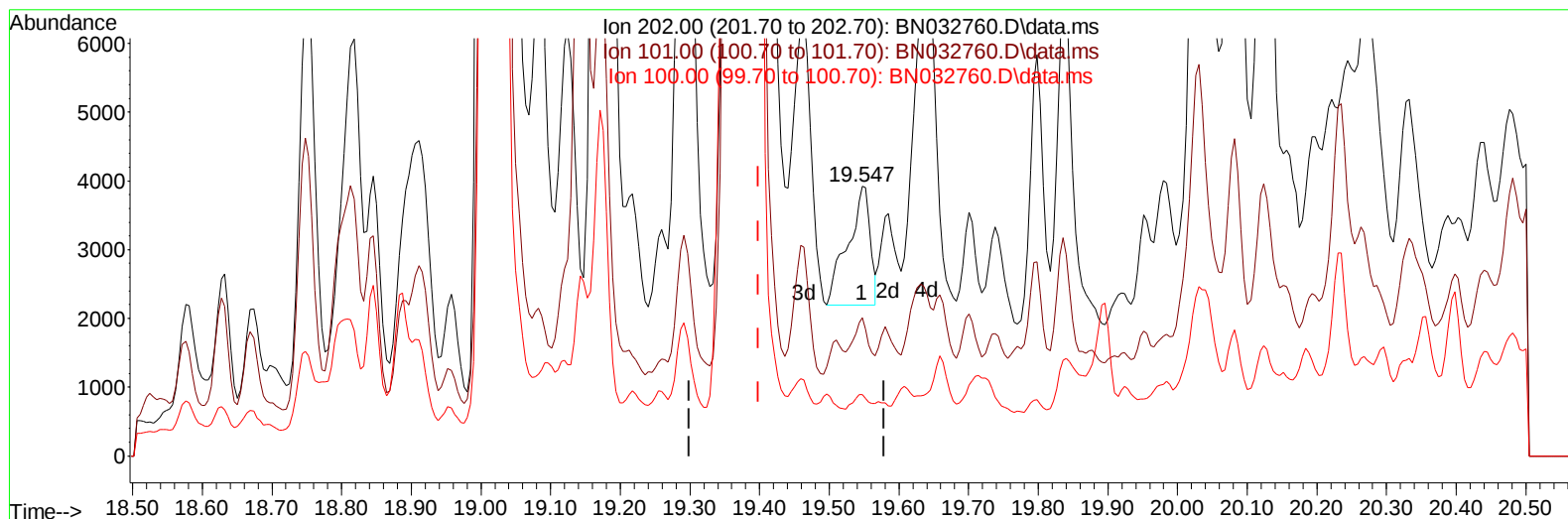
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(20) Pyrene

19.547min (+ 0.149) 0.06 ng/u1

response 3843

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	51.37#
100.00	12.00	22.71#
0.00	0.00	0.00

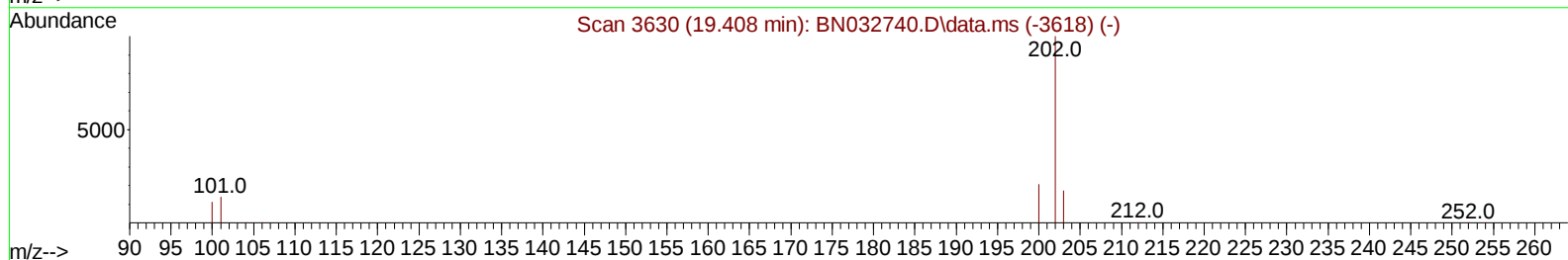
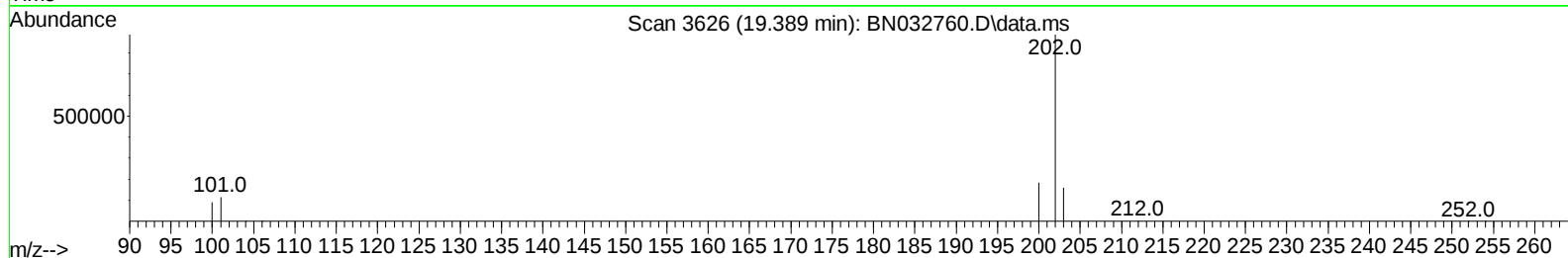
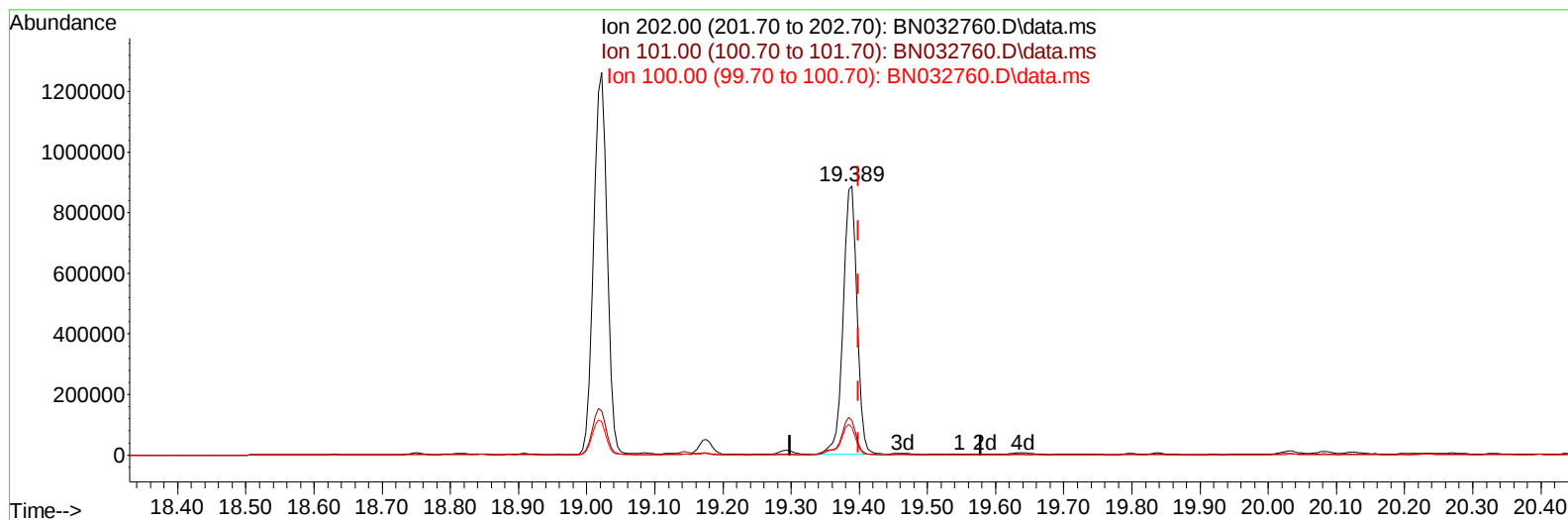
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(20) Pyrene

19.389min (-0.009) 18.69 ng/ul m

response 1249457

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	12.97
100.00	12.00	10.24
0.00	0.00	0.00

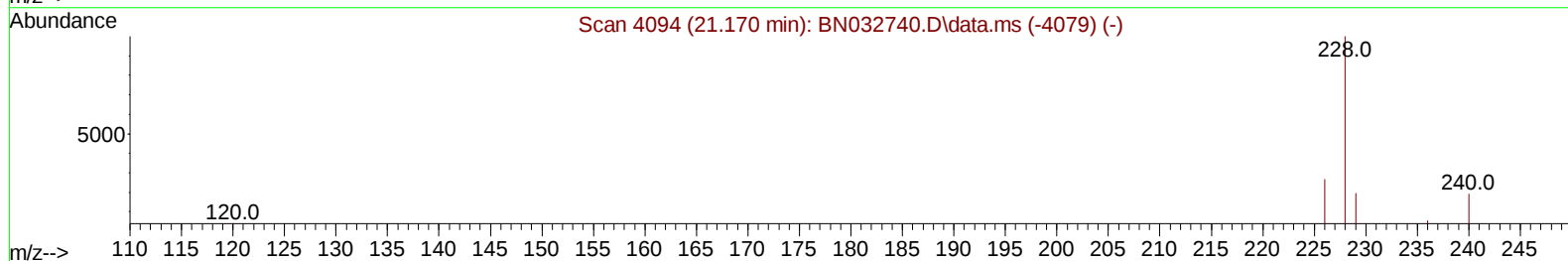
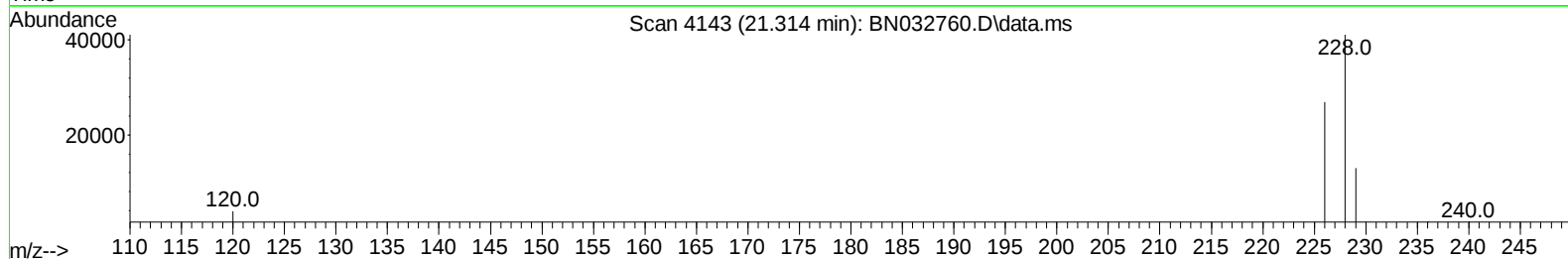
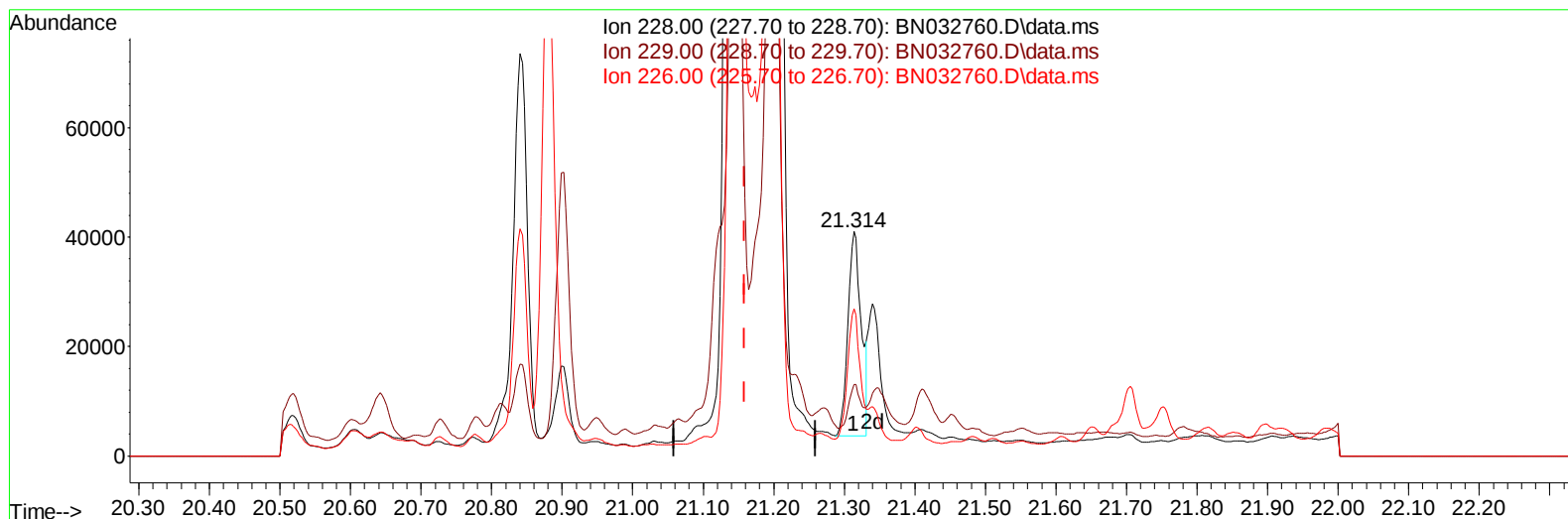
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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
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TIC: BN032760.D\data.ms

(21) Benzo(a)anthracene

21.314min (+ 0.155) 0.97 ng/u1

response 49219

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	31.75#
226.00	27.40	65.60#
0.00	0.00	0.00

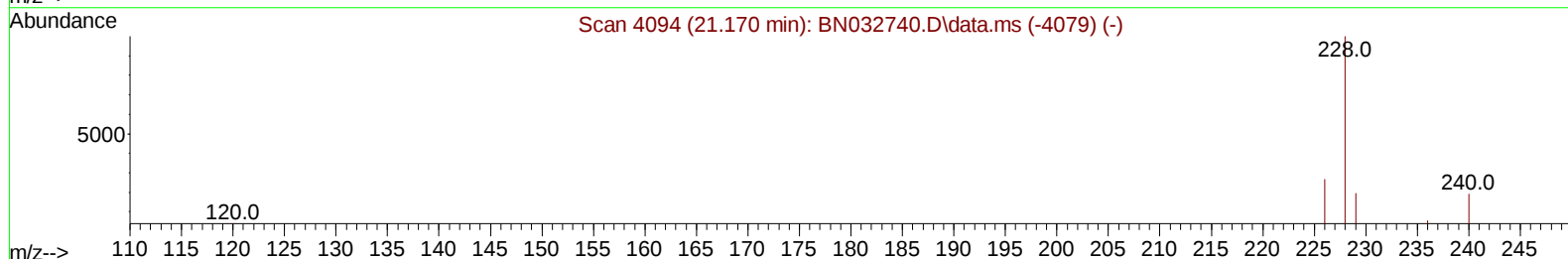
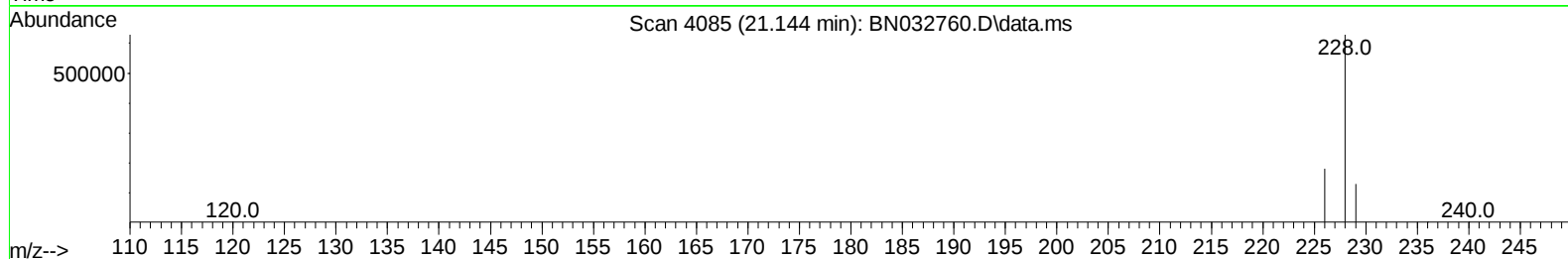
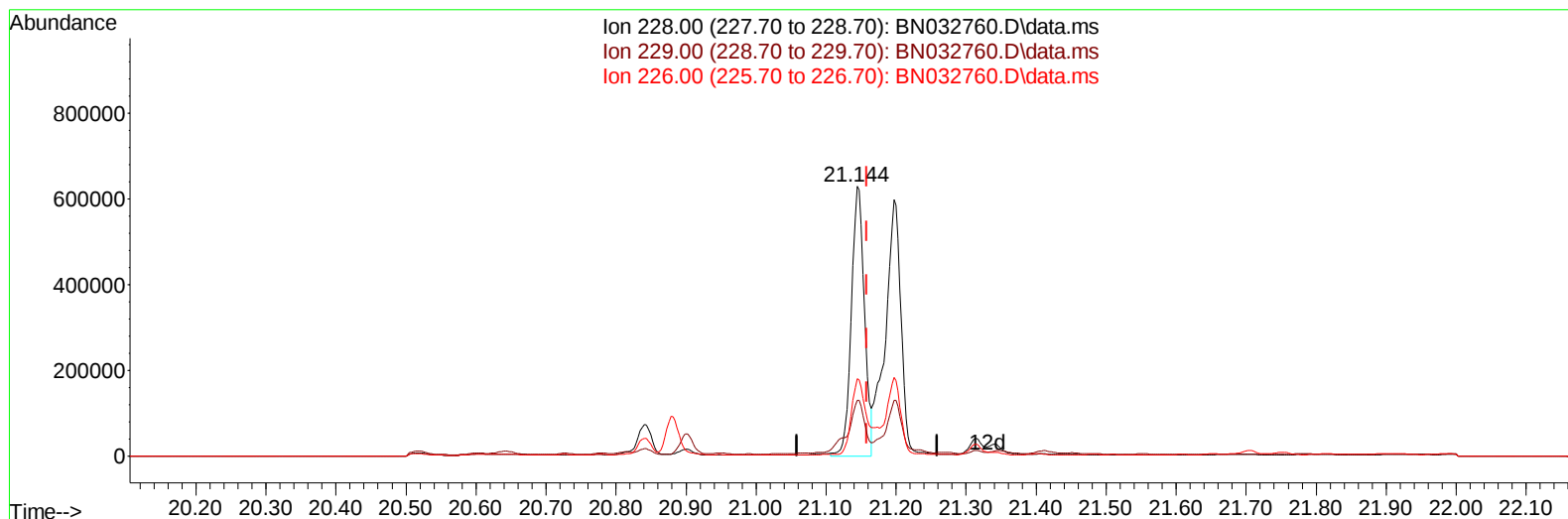
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(21) Benzo(a)anthracene

21.144min (-0.015) 16.19 ng/u1 m

response 818740

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.71
226.00	27.40	28.56
0.00	0.00	0.00

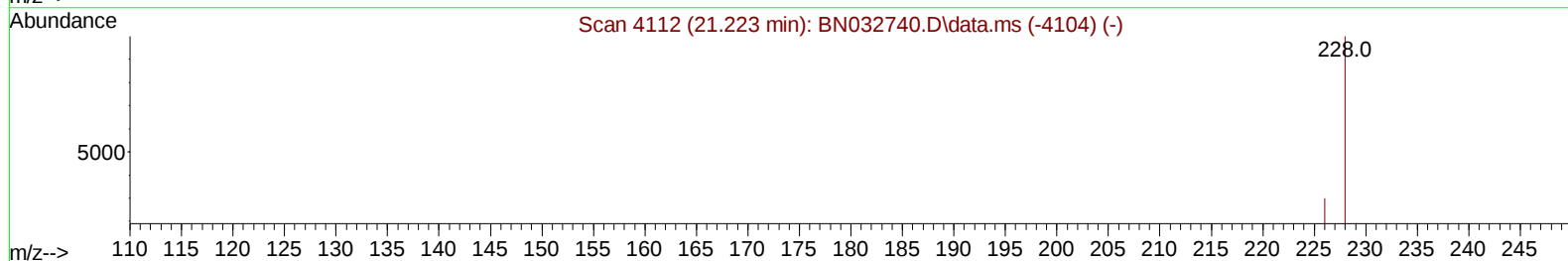
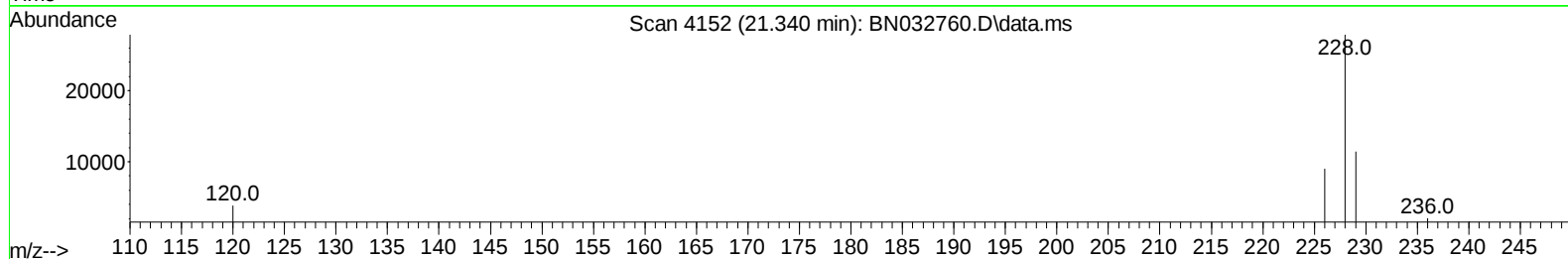
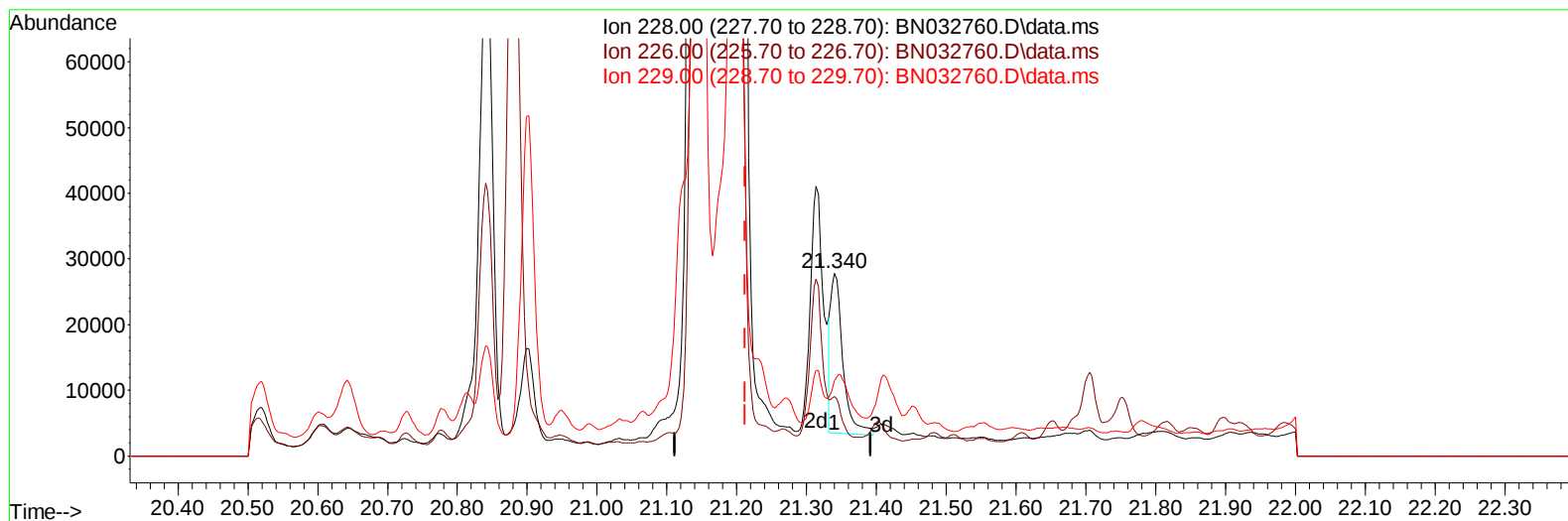
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(22) Chrysene

21.340min (+ 0.128) 0.41 ng/u1

response 30055

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.44
229.00	19.70	41.05#
0.00	0.00	0.00

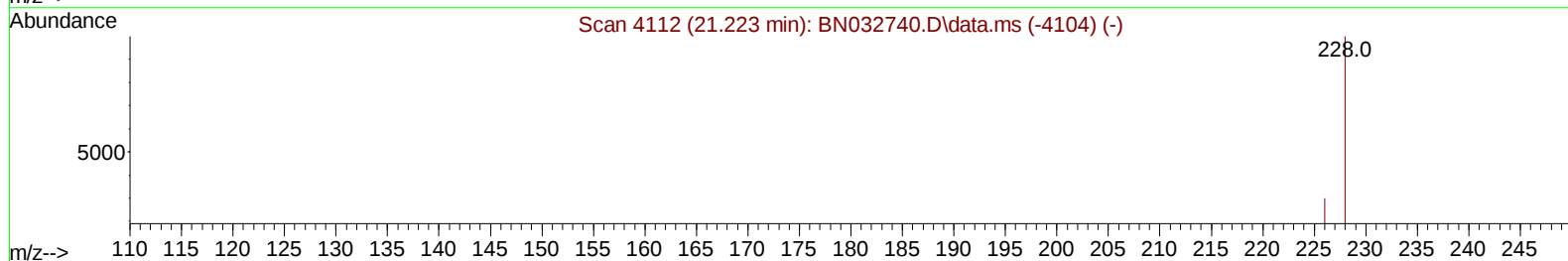
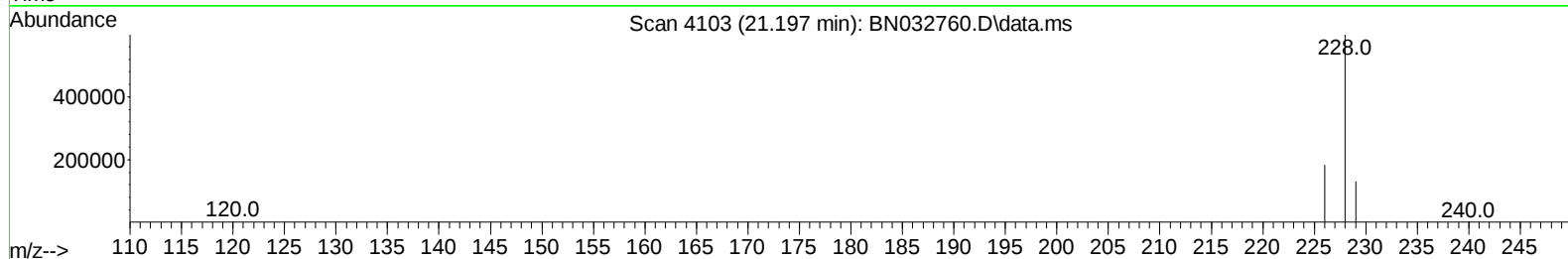
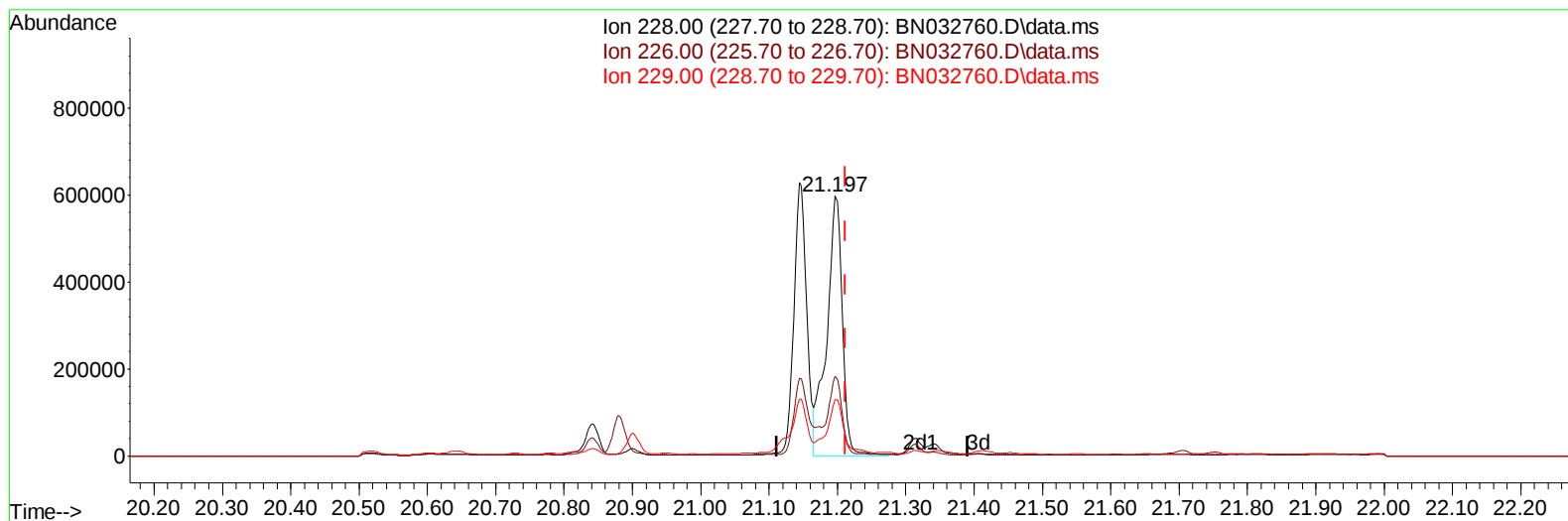
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(22) Chrysene

21.197min (-0.015) 13.02 ng/ul m

response 952718

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.73
229.00	19.70	21.76
0.00	0.00	0.00

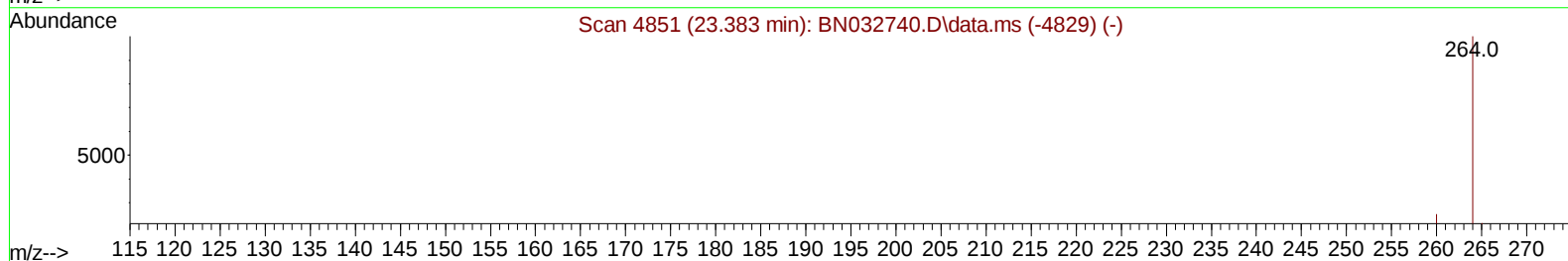
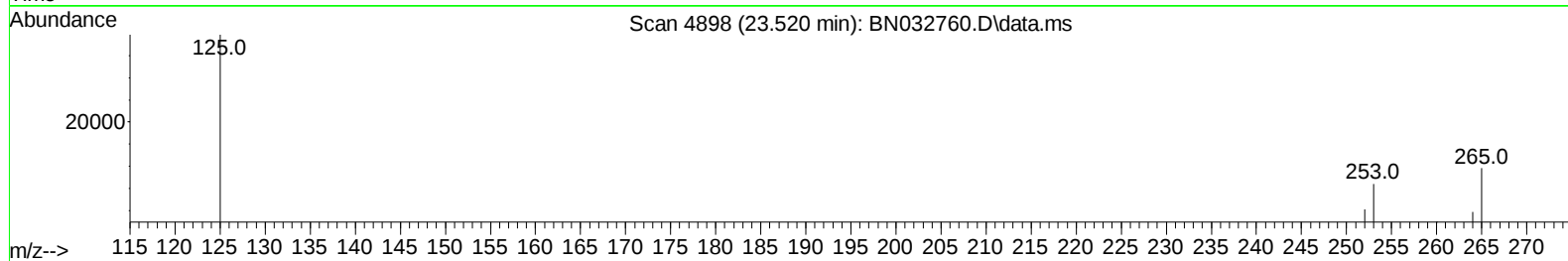
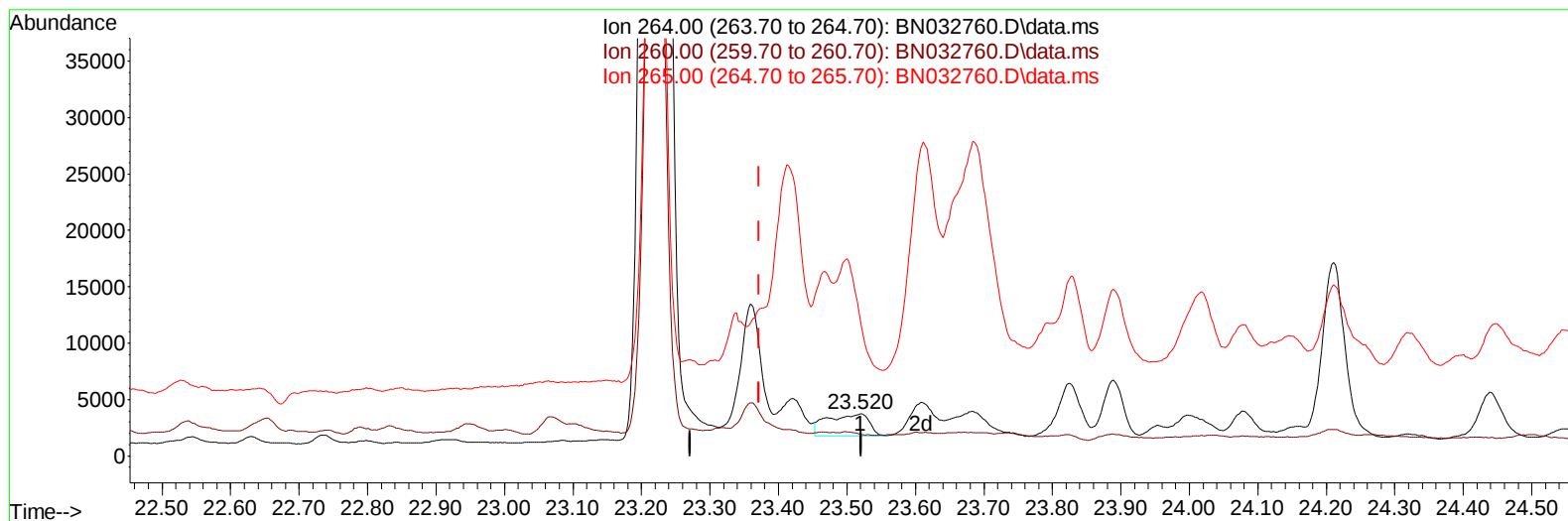
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(23) Perylene-d12 (I)

23.520min (+ 0.149) 0.40 ng/u1

response 8119

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	50.74#
265.00	95.50	308.99#
0.00	0.00	0.00

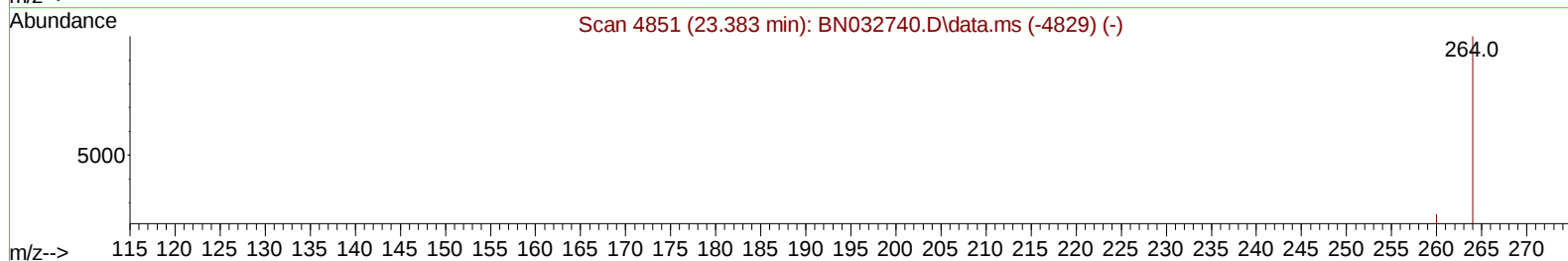
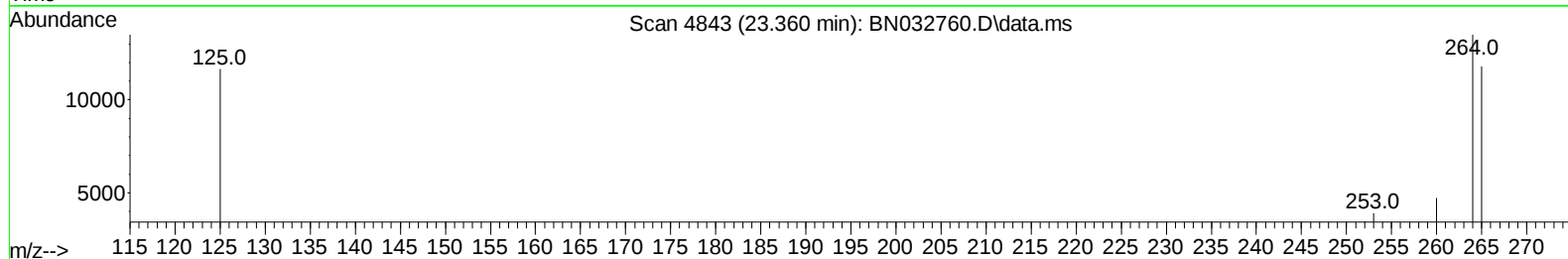
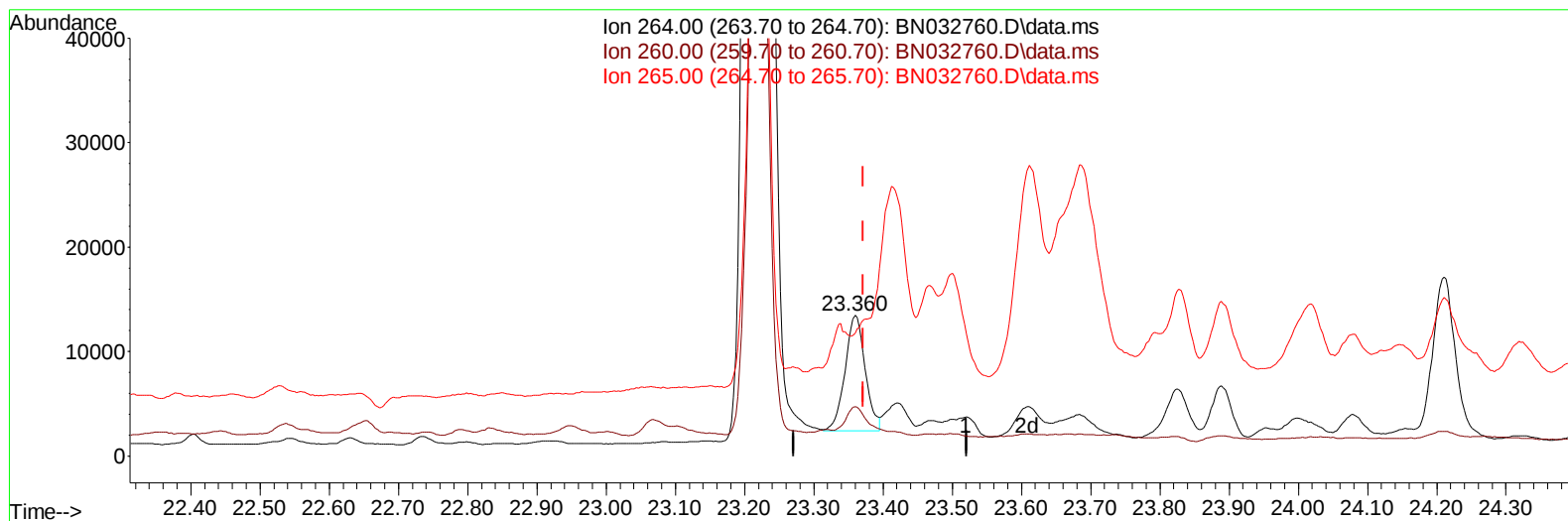
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(23) Perylene-d12 (I)

23.360min (-0.012) 0.40 ng/ul m

response 22463

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	34.95#
265.00	95.50	87.46
0.00	0.00	0.00

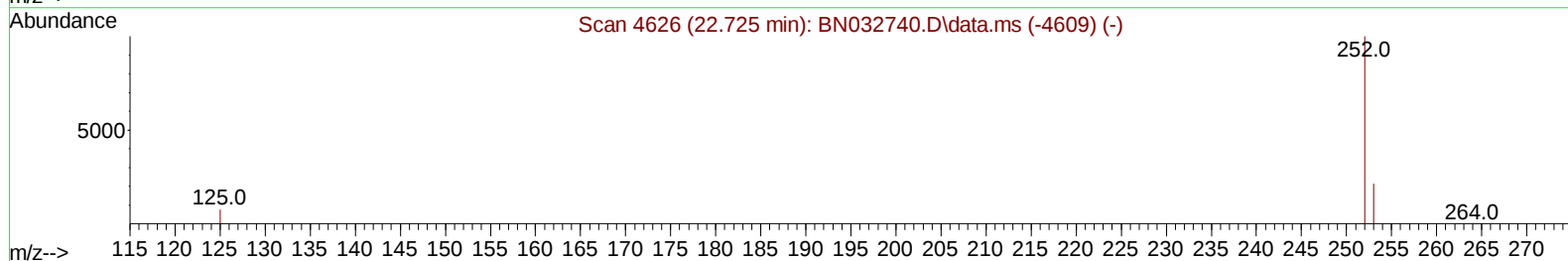
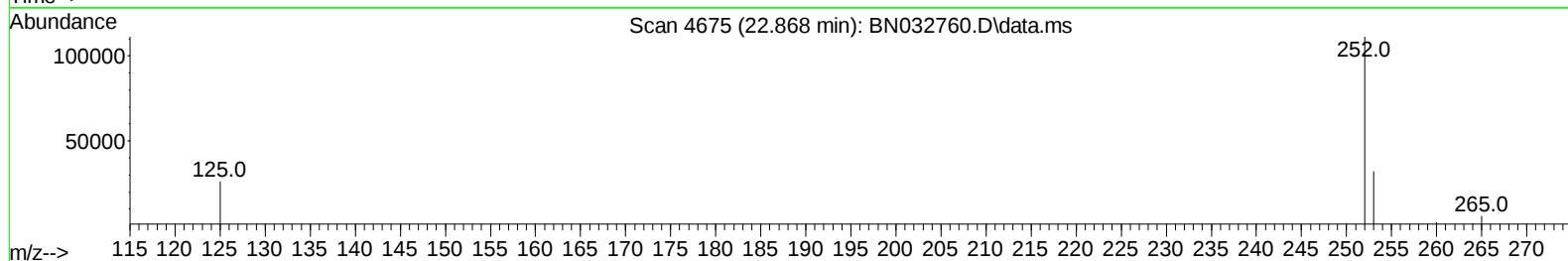
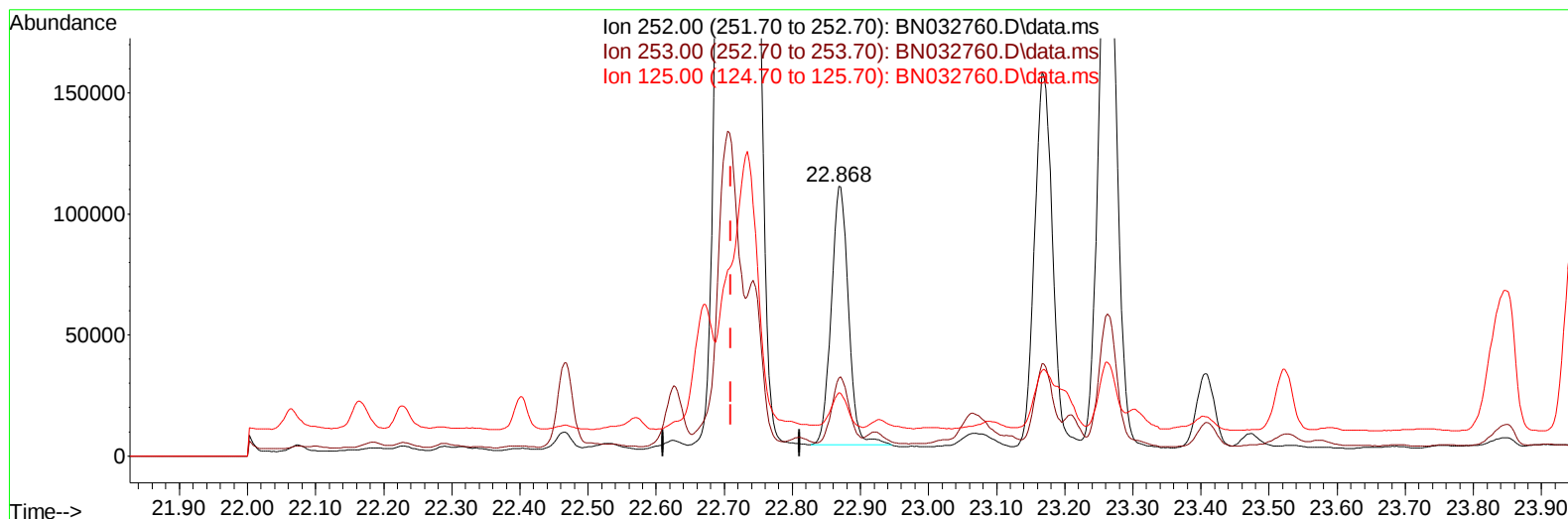
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032760.D\data.ms

(24) Benzo(b)fluoranthene

22.868min (+ 0.158) 2.38 ng/u1

response 188487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	28.83
125.00	18.00	23.41
0.00	0.00	0.00

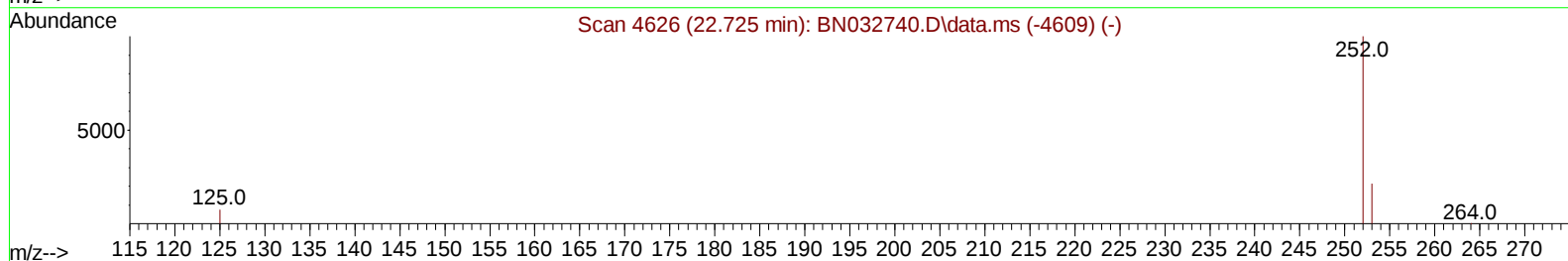
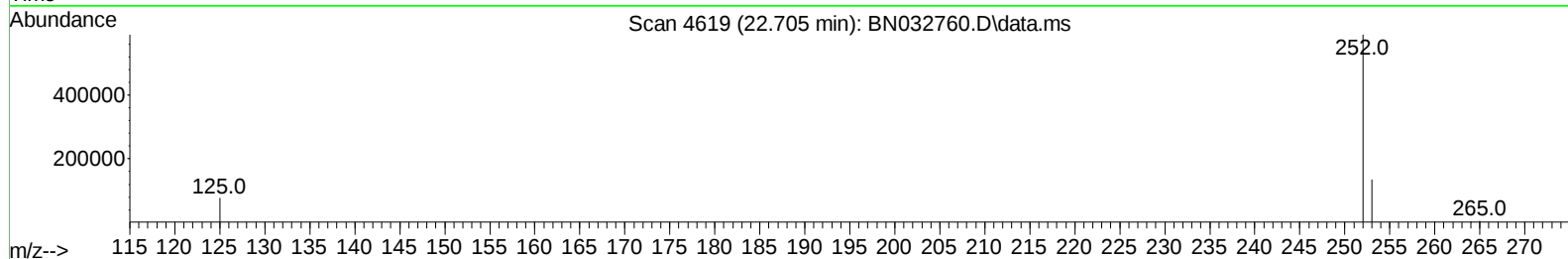
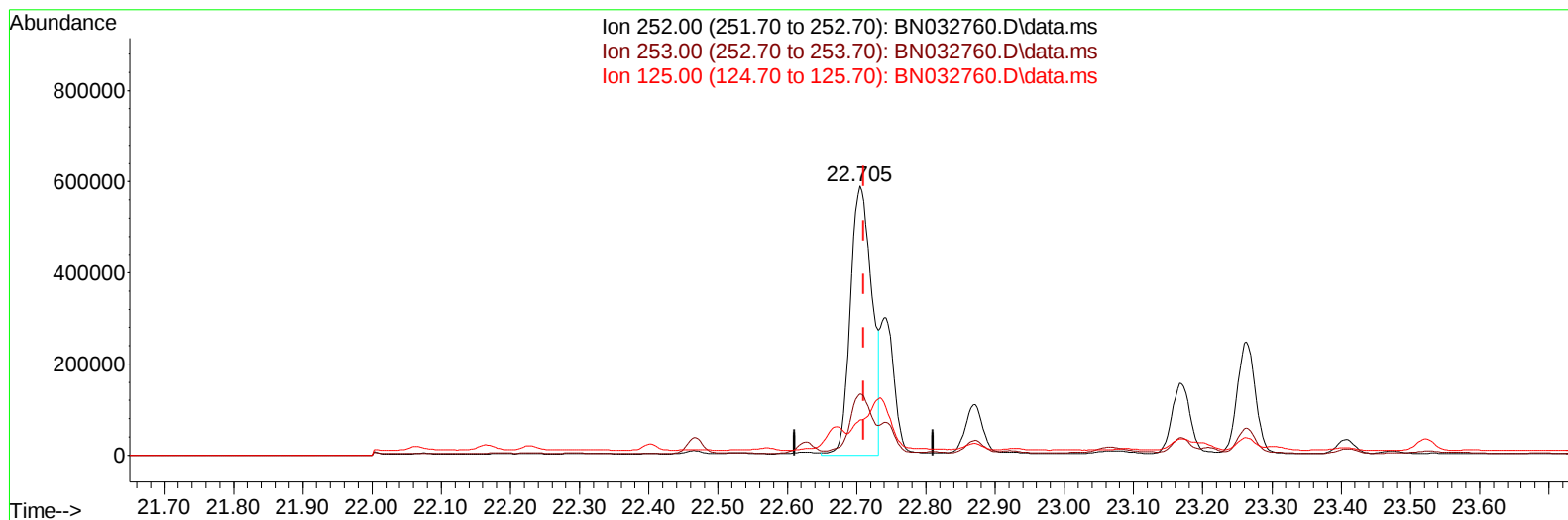
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032760.D
 Acq On : 17 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (-0.006) 15.96 ng/ul m

response 1264852

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.75
125.00	18.00	13.02
0.00	0.00	0.00

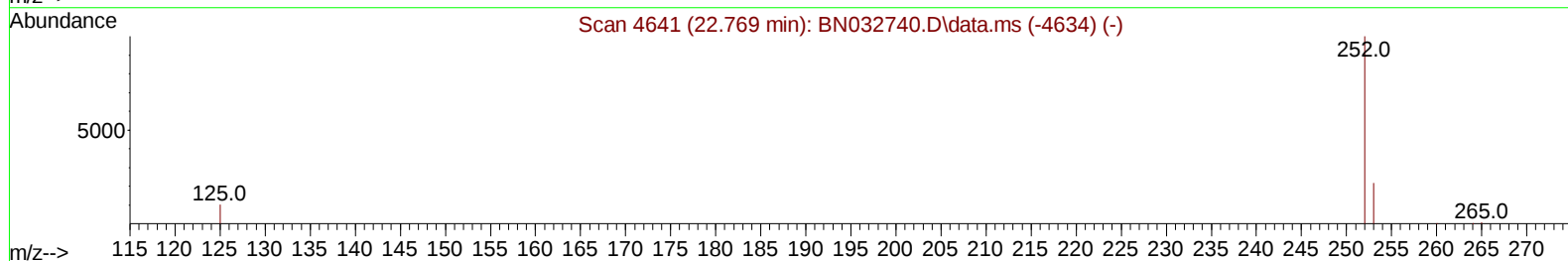
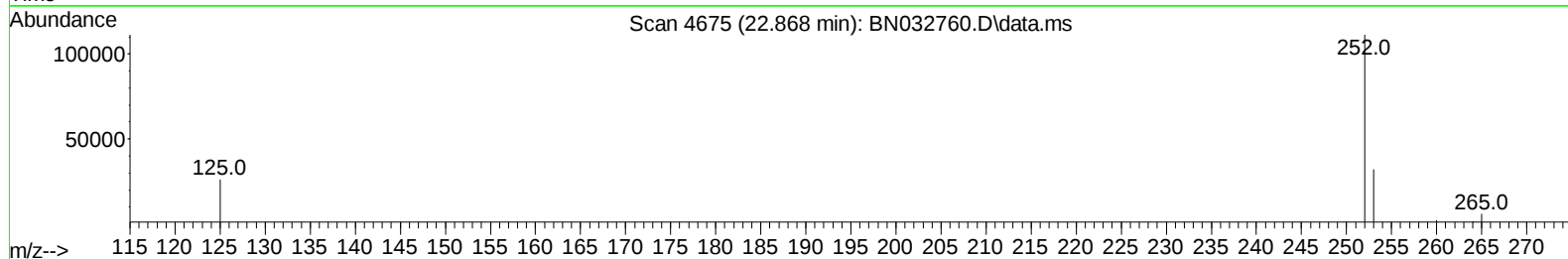
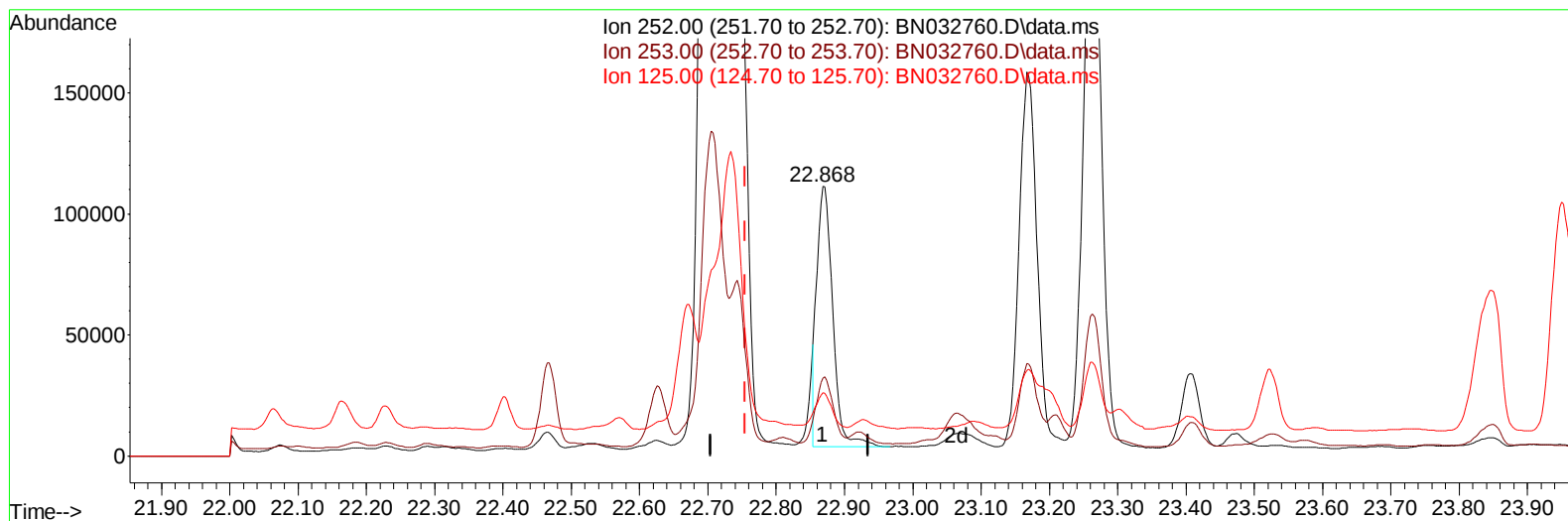
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(25) Benzo(k)fluoranthene

22.868min (+ 0.114) 1.80 ng/u1

response 173872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	28.83
125.00	18.50	23.41#
0.00	0.00	0.00

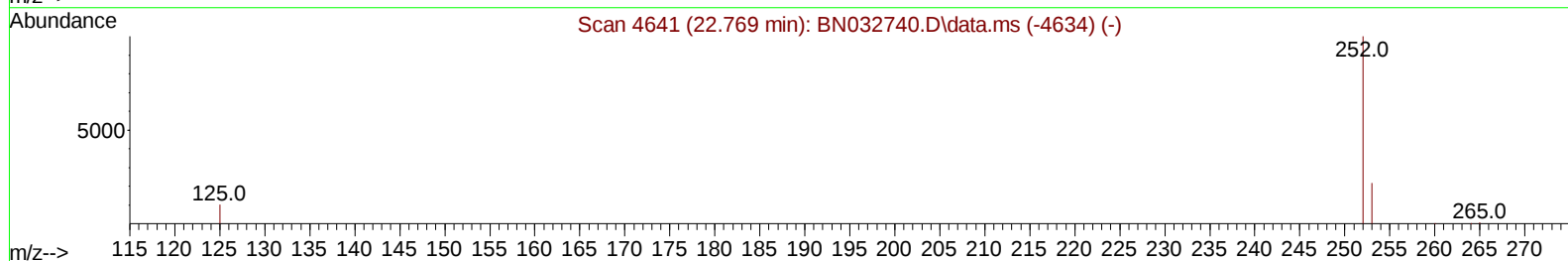
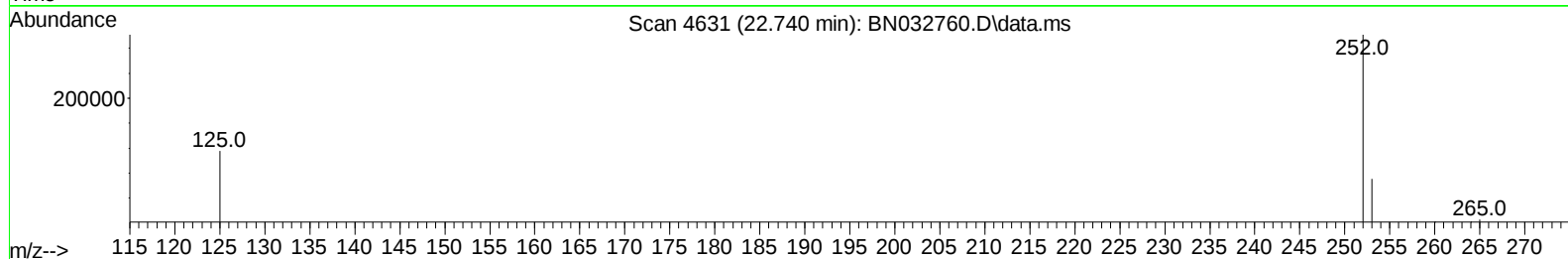
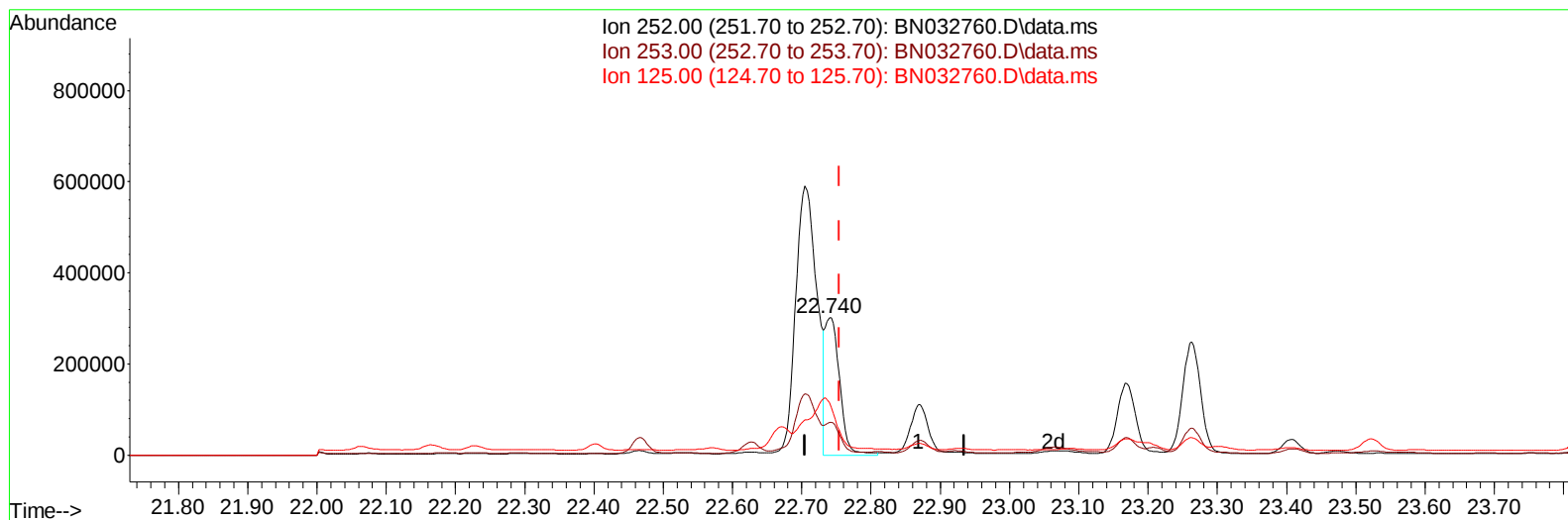
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032760.D
 Acq On : 17 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(25) Benzo(k)fluoranthene

22.740min (-0.015) 4.57 ng/u1 m

response 441819

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.57
125.00	18.50	38.20#
0.00	0.00	0.00

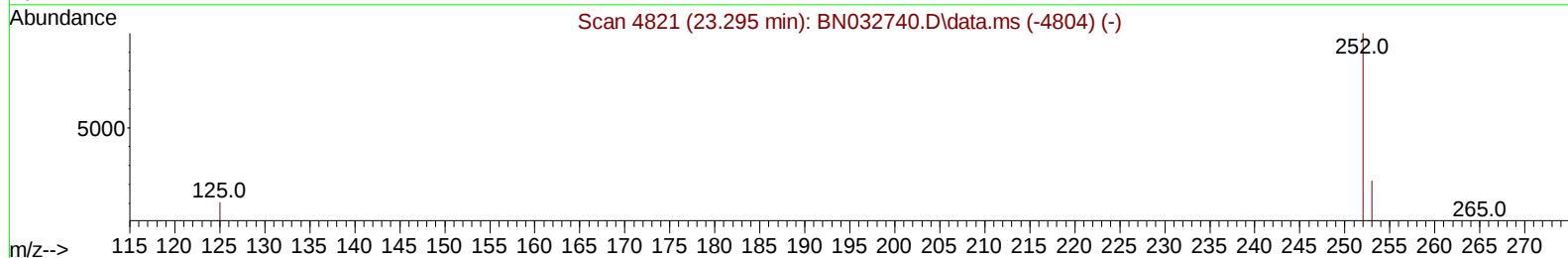
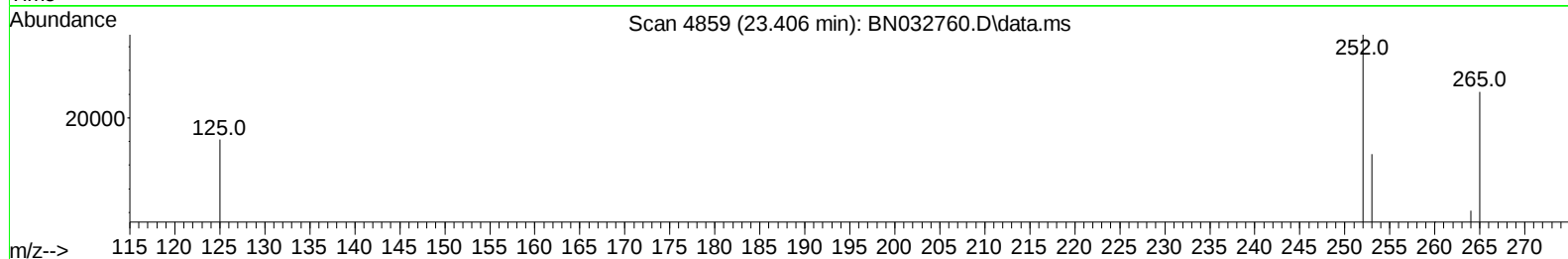
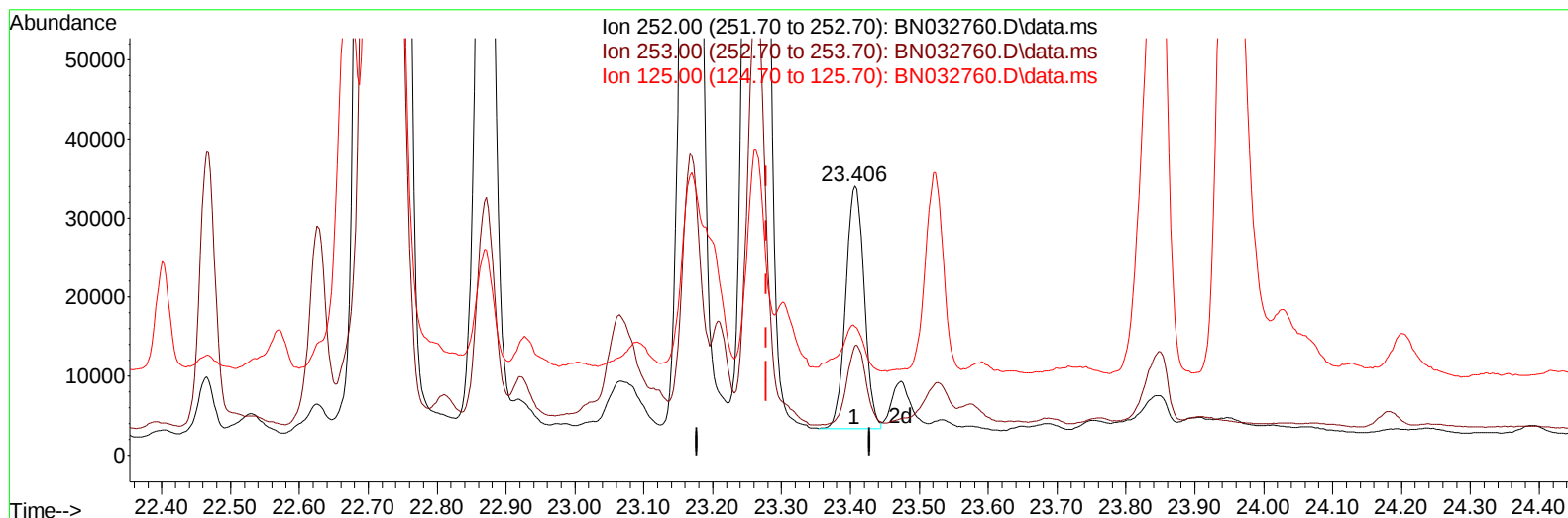
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(26) Benzo(a)pyrene (C)

23.406min (+ 0.129) 0.83 ng/u1

response 57154

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.65#
125.00	25.70	47.84#
0.00	0.00	0.00

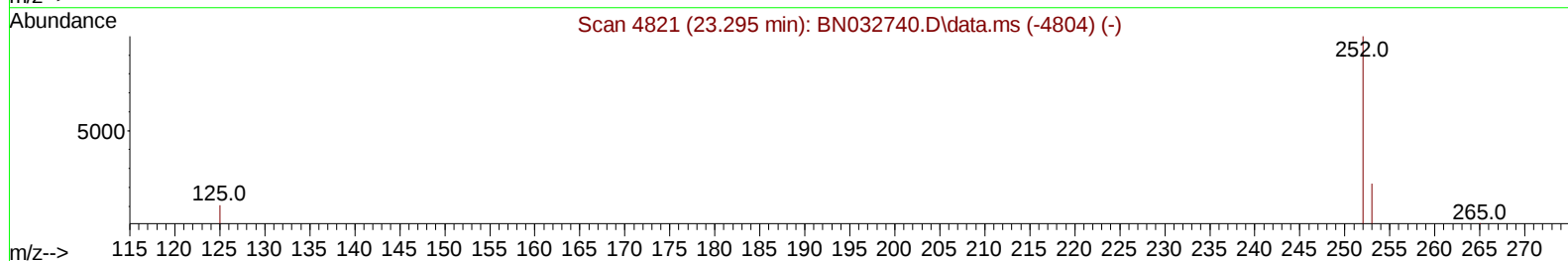
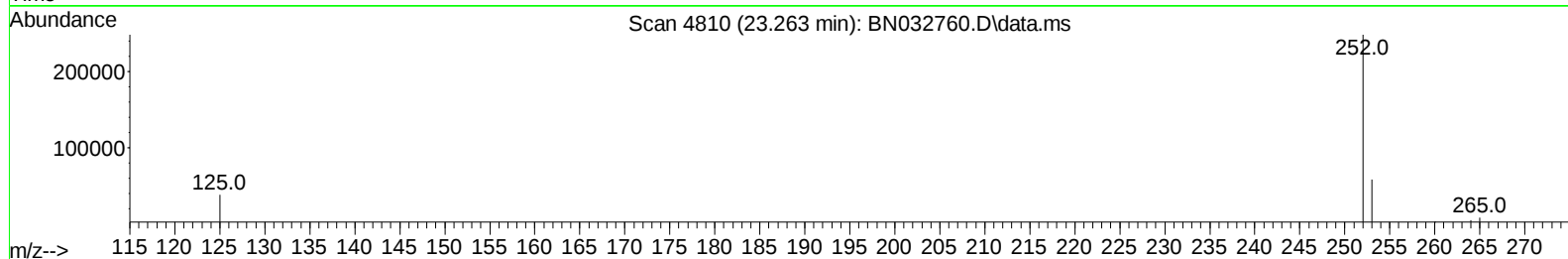
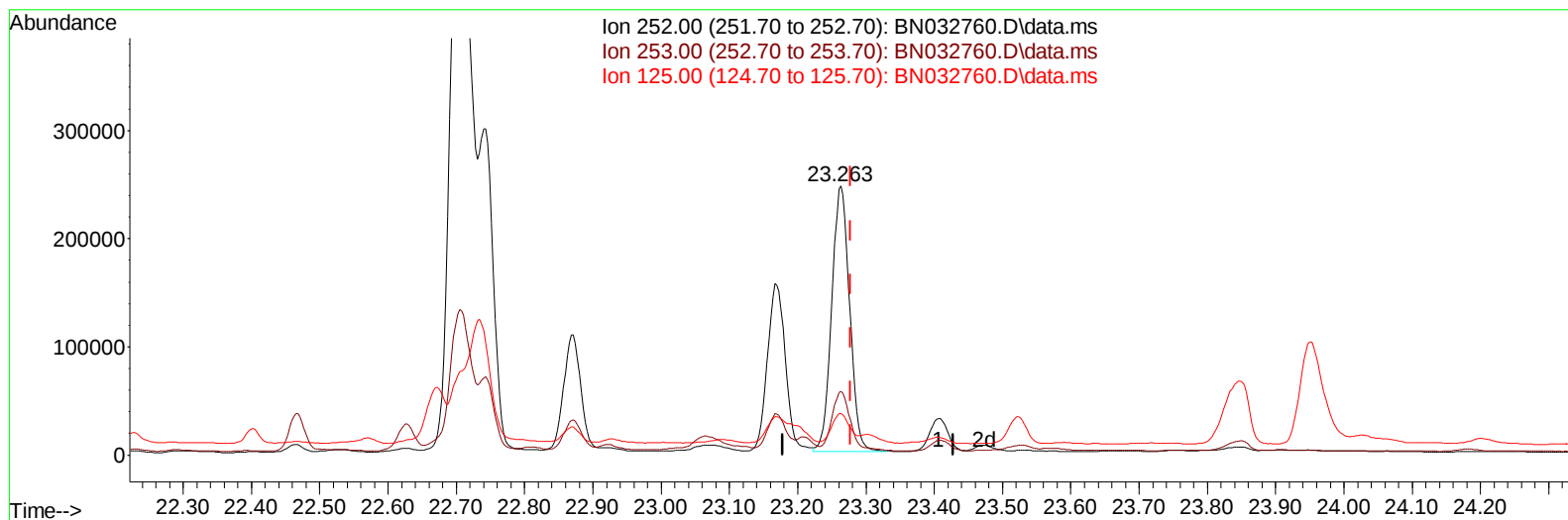
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

(26) Benzo(a)pyrene (C)

23.263min (-0.015) 6.53 ng/u1 m

response 447960

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.64#
125.00	25.70	15.57#
0.00	0.00	0.00

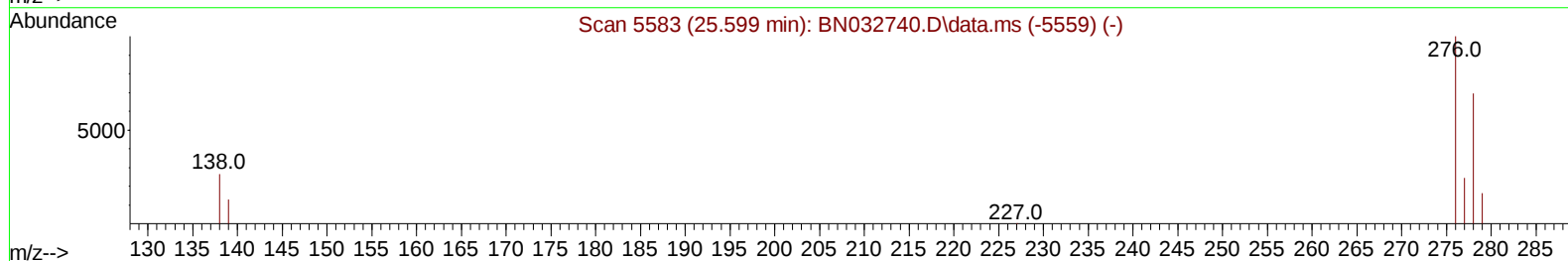
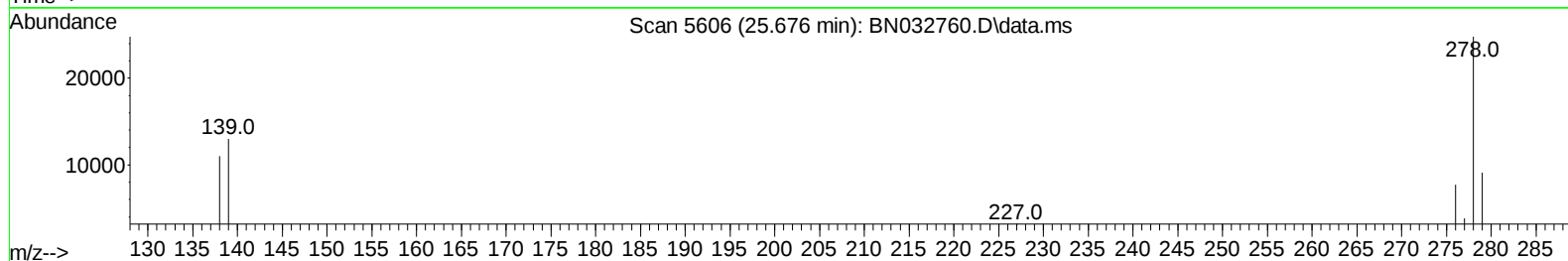
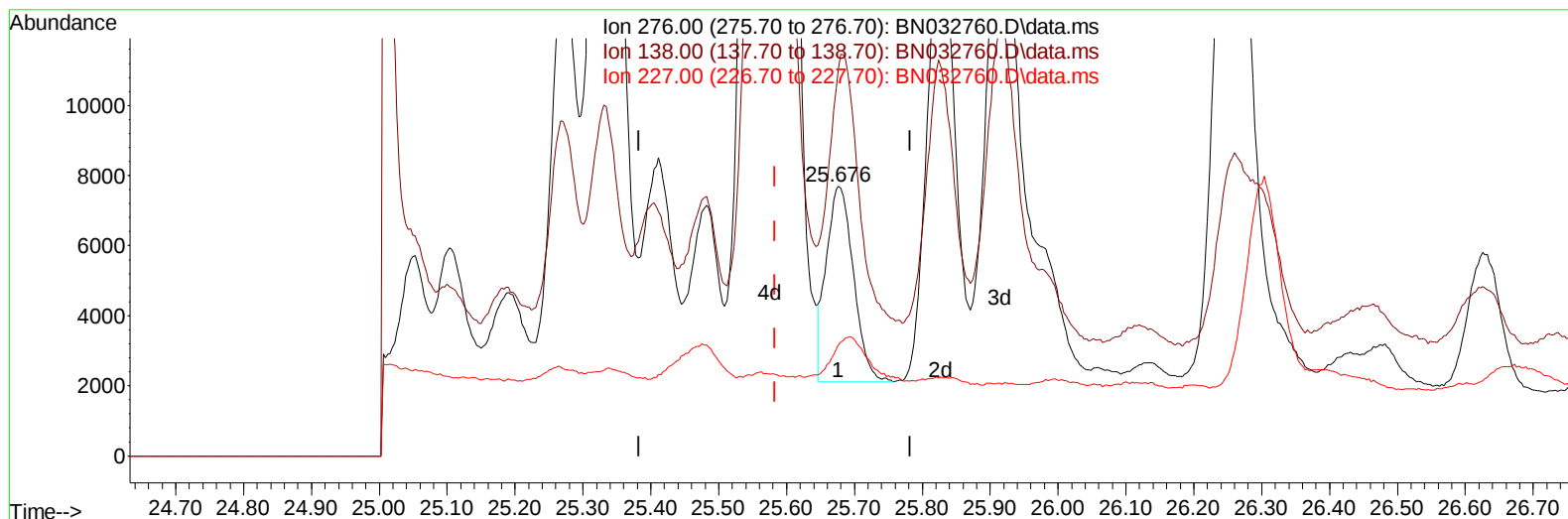
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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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TIC: BN032760.D\data.ms

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

25.676min (+ 0.094) 0.17 ng/u1

response 15497

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	147.16#
227.00	0.00	28.67#
0.00	0.00	0.00

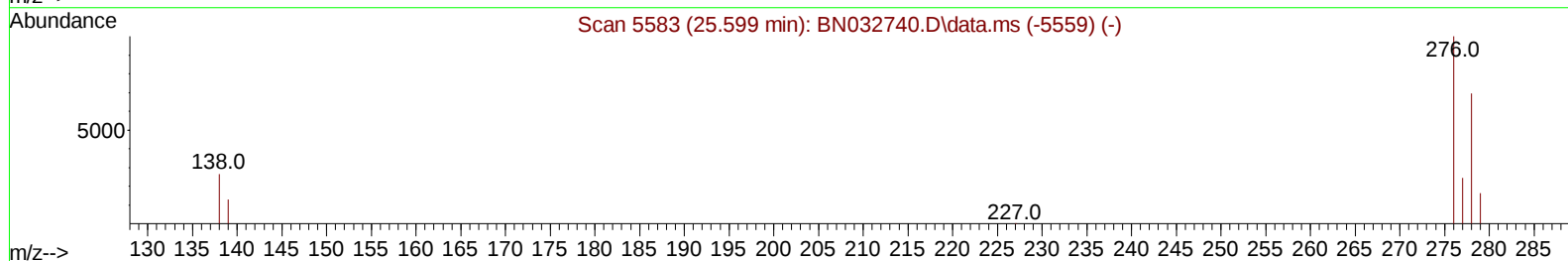
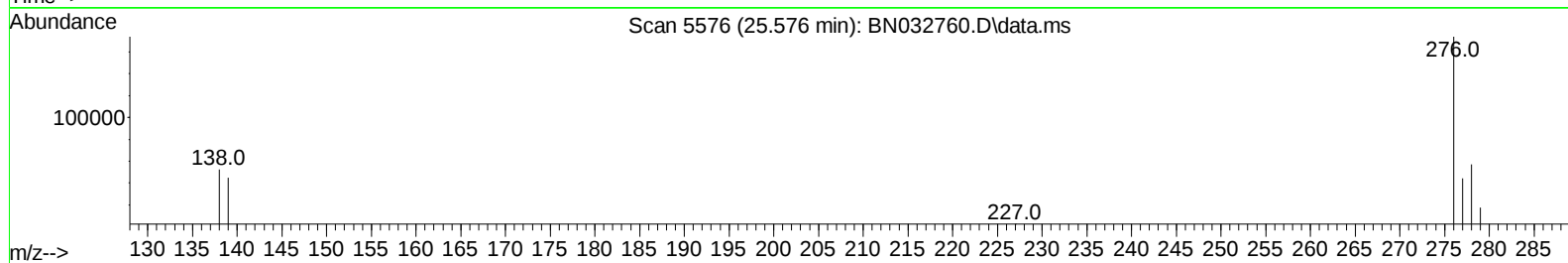
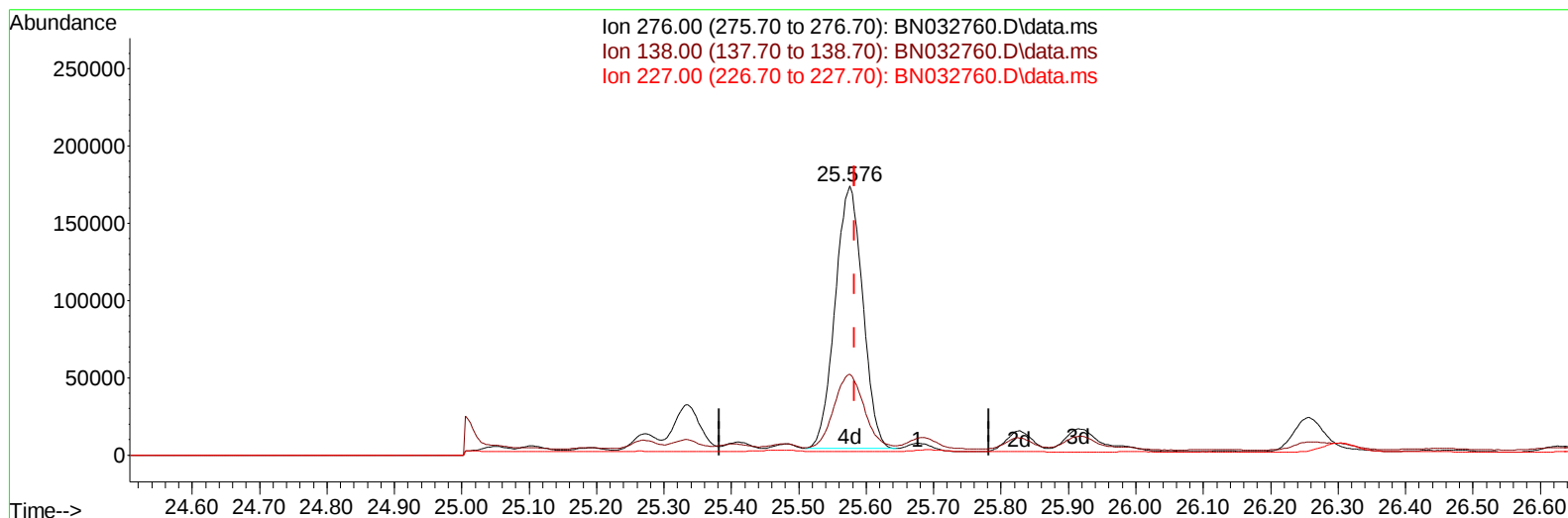
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032760.D
 Acq On : 17 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032760.D\data.ms

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

25.576min (-0.007) 5.21 ng/ul m

response 483895

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.71#
227.00	0.00	0.92#
0.00	0.00	0.00

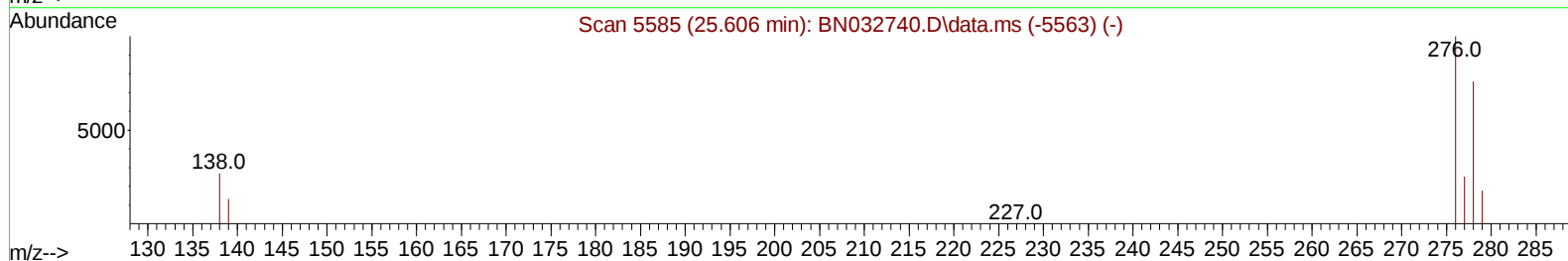
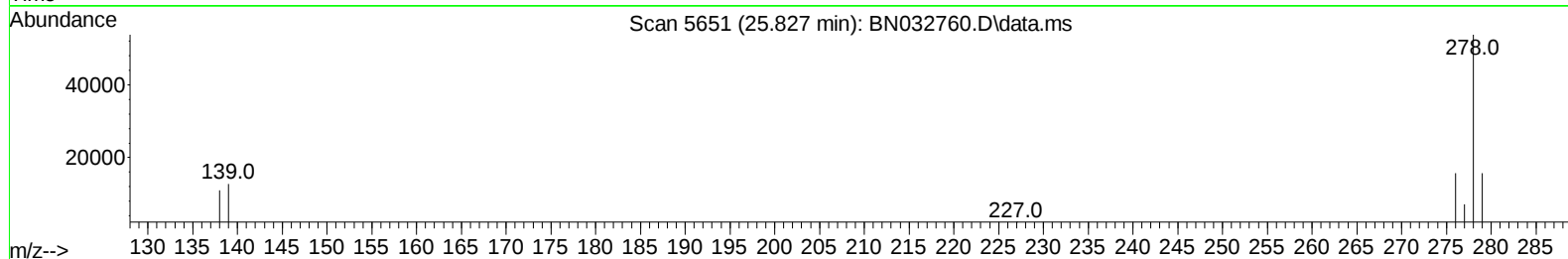
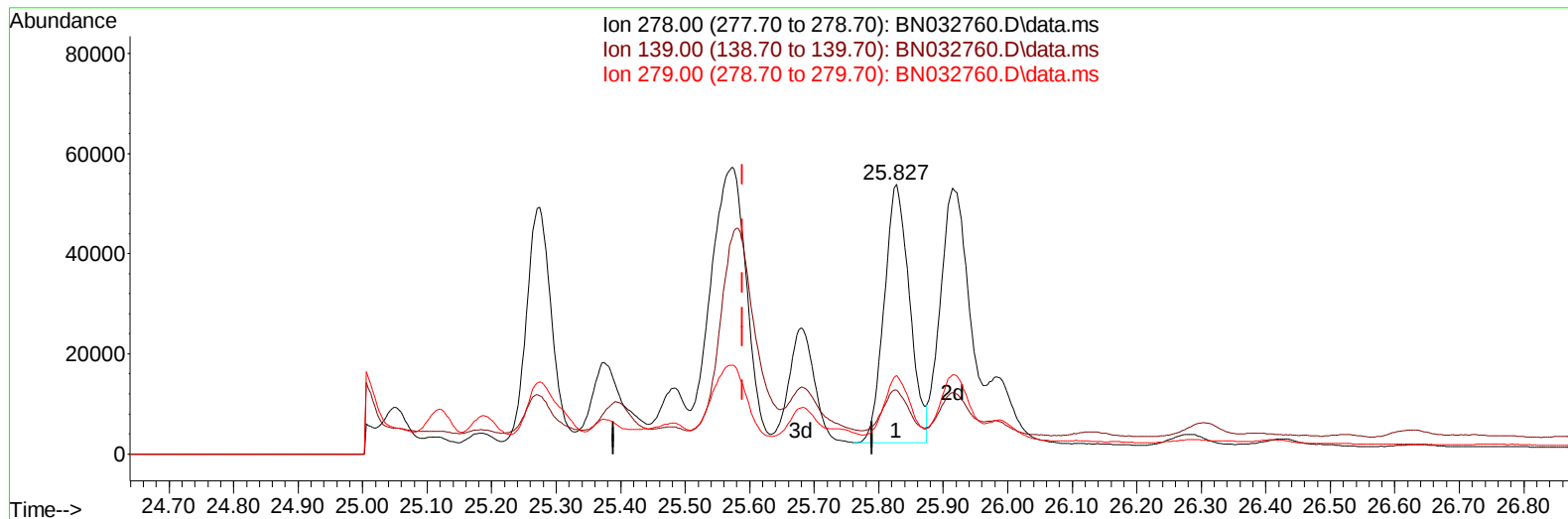
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032760.D\data.ms

(28) Dibenzo(a,h)anthracene

25.827min (+ 0.238) 1.96 ng/u1

response 141141

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.77
279.00	29.60	29.11
0.00	0.00	0.00

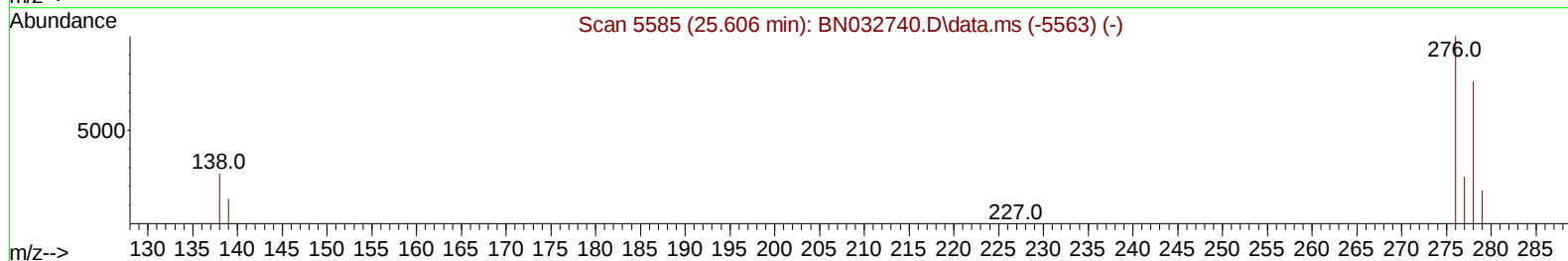
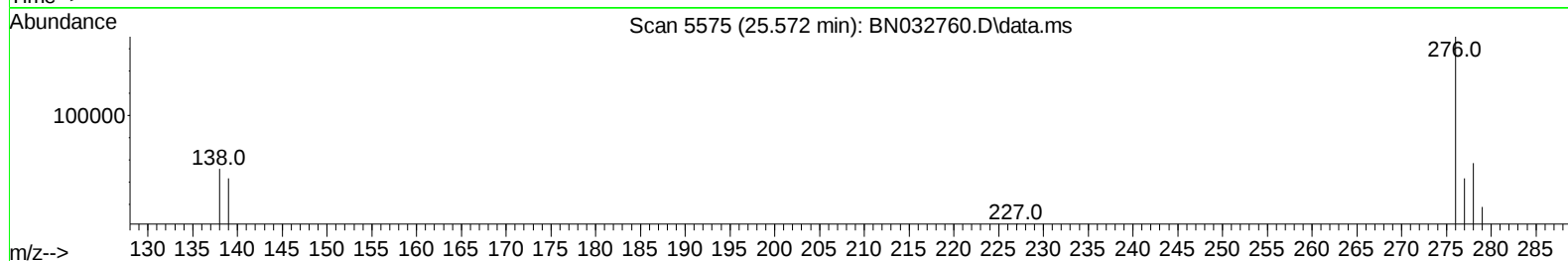
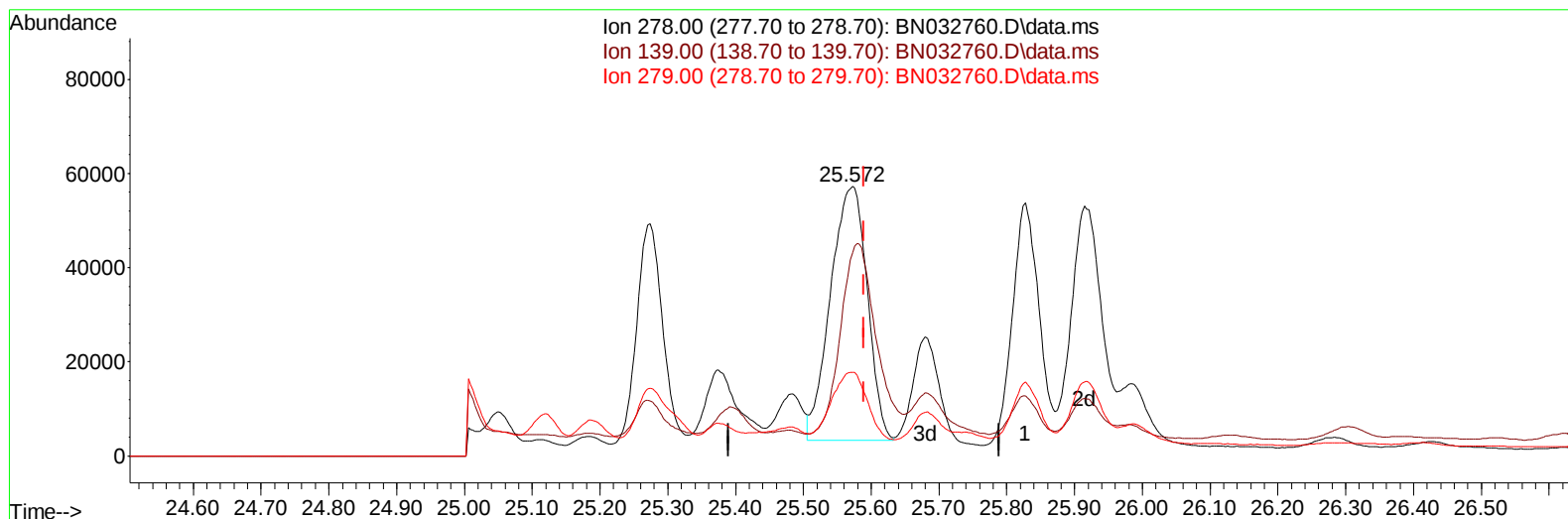
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032760.D\data.ms

(28) Dibenzo(a,h)anthracene

25.572min (-0.017) 2.82 ng/u1 m

response 202760

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	75.49#
279.00	29.60	30.97
0.00	0.00	0.00

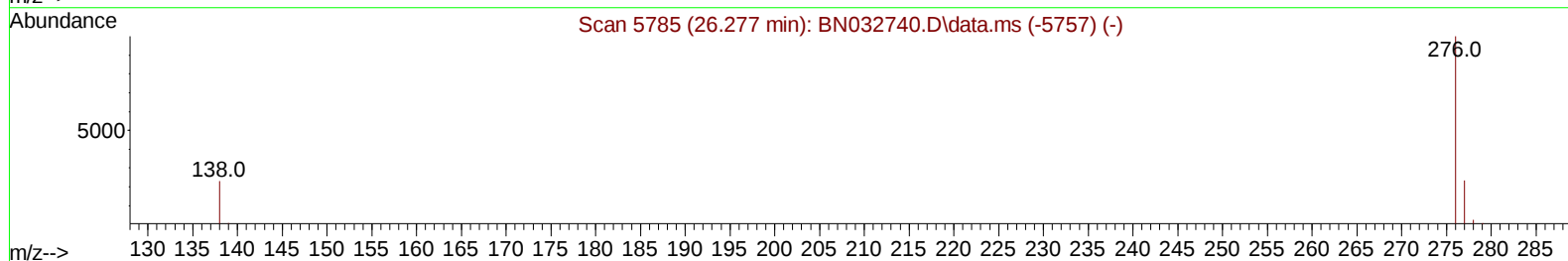
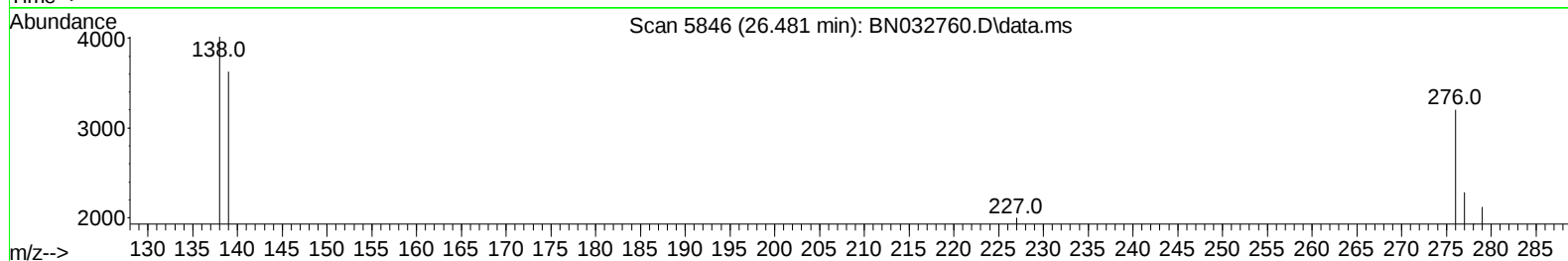
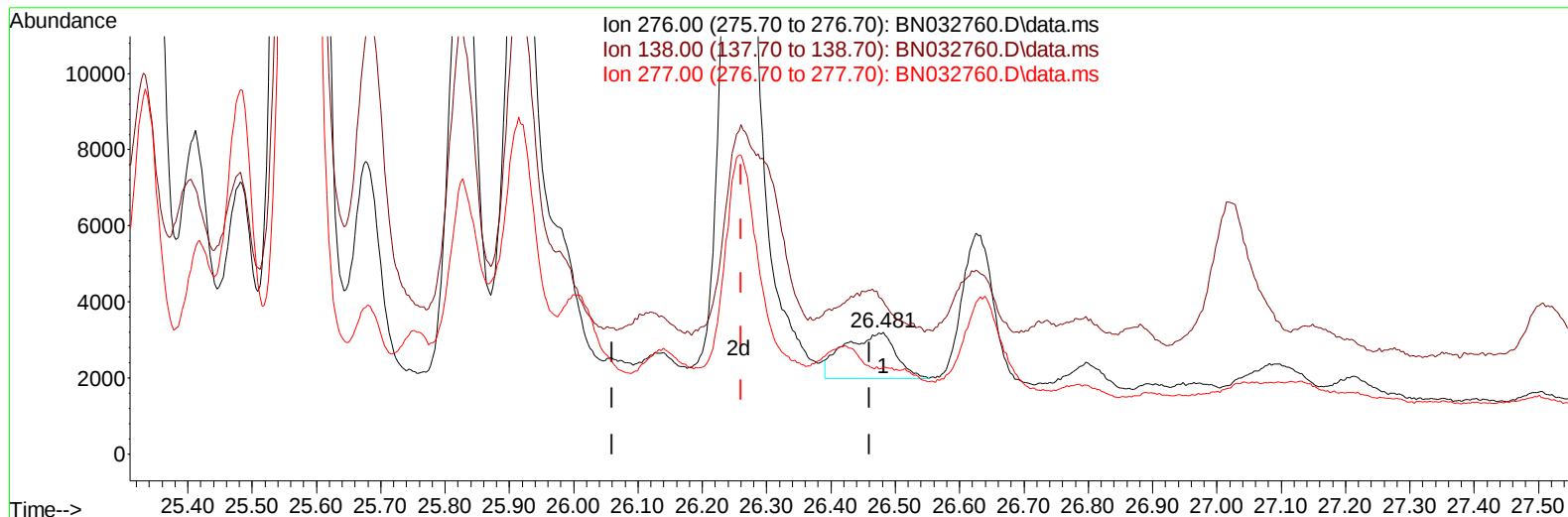
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 2024
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TIC: BN032760.D\data.ms

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

26.481min (+ 0.221) 0.09 ng/u1

response 6712

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	125.27#
277.00	25.80	71.18#
0.00	0.00	0.00

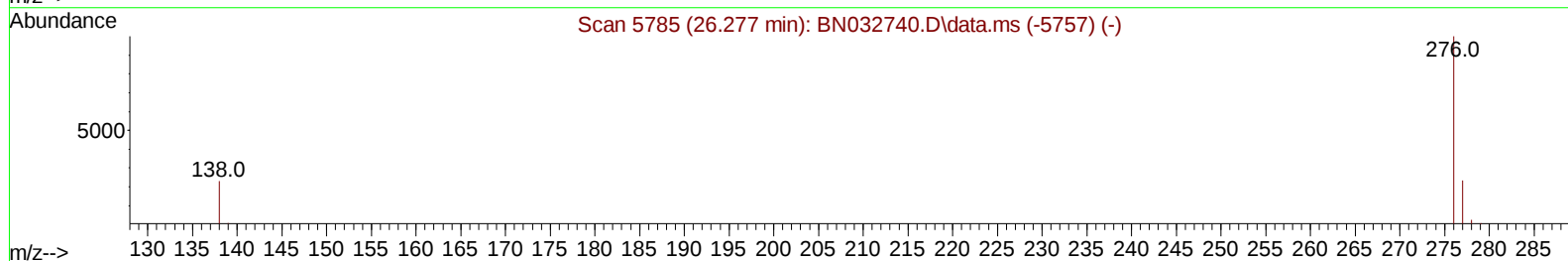
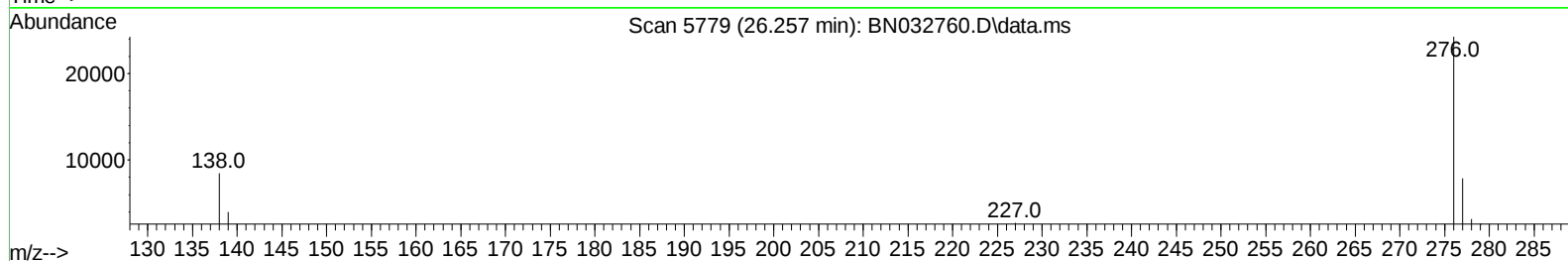
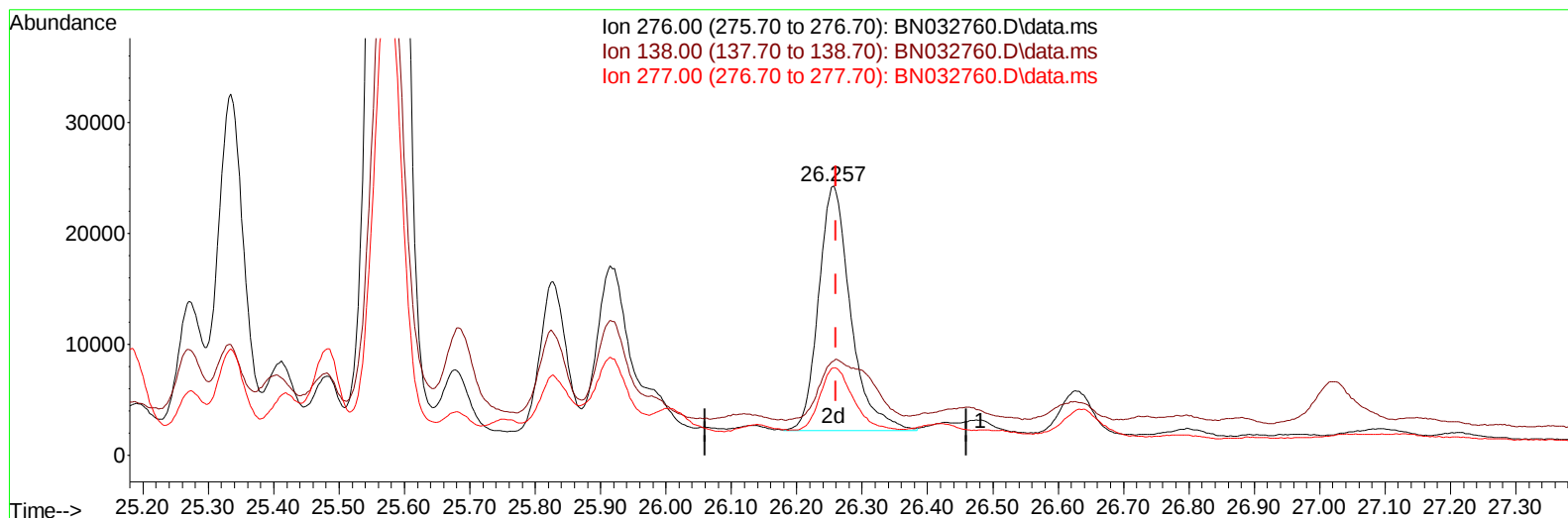
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:09:02 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: BN032760.D\data.ms

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

26.257min (-0.003) 0.97 ng/u1 m

response 75210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	35.00#
277.00	25.80	32.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032760.D
 Acq On : 17 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 04:09:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6158	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	14954	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	10284	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	21629m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	15887m	0.400	ng/ul	-0.01
23) Perylene-d12	23.360	264	22463m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	25911	3.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	6013	0.266	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	12474m	0.241	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	33907	0.844	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	23090	0.921	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	19237	0.742	ng/ul	99
10) Acenaphthylene	13.911	152	132010	3.177	ng/ul	99
11) Acenaphthene	14.253	153	23953	0.697	ng/ul	100
12) Fluorene	15.248	166	30971	0.789	ng/ul	98
14) Pentachlorophenol	16.619	266	524m	0.138	ng/ul	
15) Phenanthrene	16.991	178	735998m	12.495	ng/ul	
16) Anthracene	17.079	178	194559m	4.043	ng/ul	
19) Fluoranthene	19.022	202	1746312m	27.036	ng/ul	
20) Pyrene	19.389	202	1249457m	18.688	ng/ul	
21) Benzo(a)anthracene	21.144	228	818740m	16.190	ng/ul	
22) Chrysene	21.197	228	952718m	13.023	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1264852m	15.959	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	441819m	4.574	ng/ul	
26) Benzo(a)pyrene	23.263	252	447960m	6.531	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	483895m	5.210	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278	202760m	2.817	ng/ul	
29) Benzo(g,h,i)perylene	26.257	276	75210m	0.969	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
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Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D13

Manual IntegrationsAPPROVED

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