

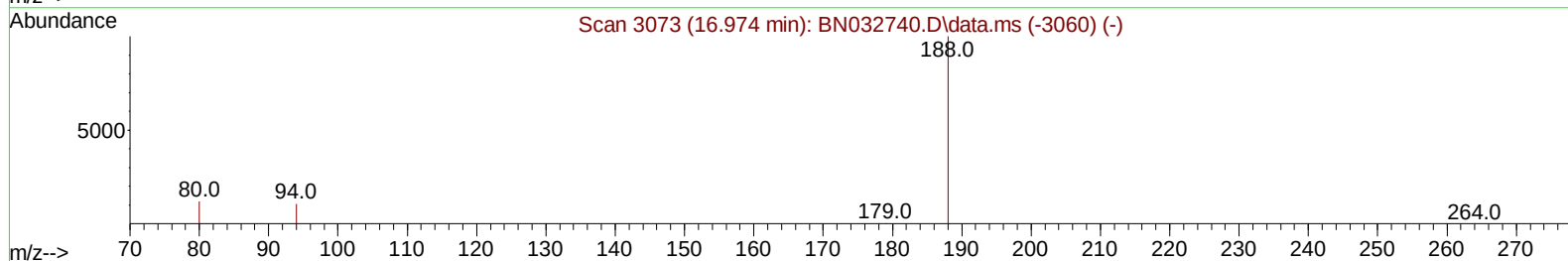
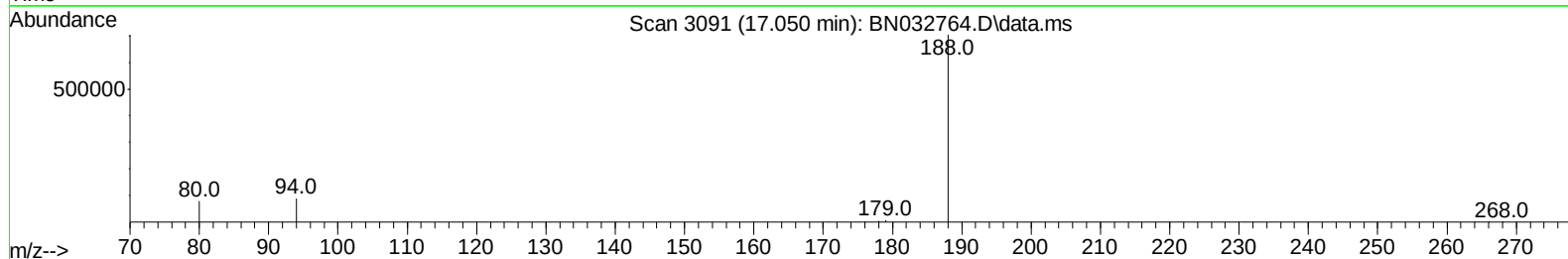
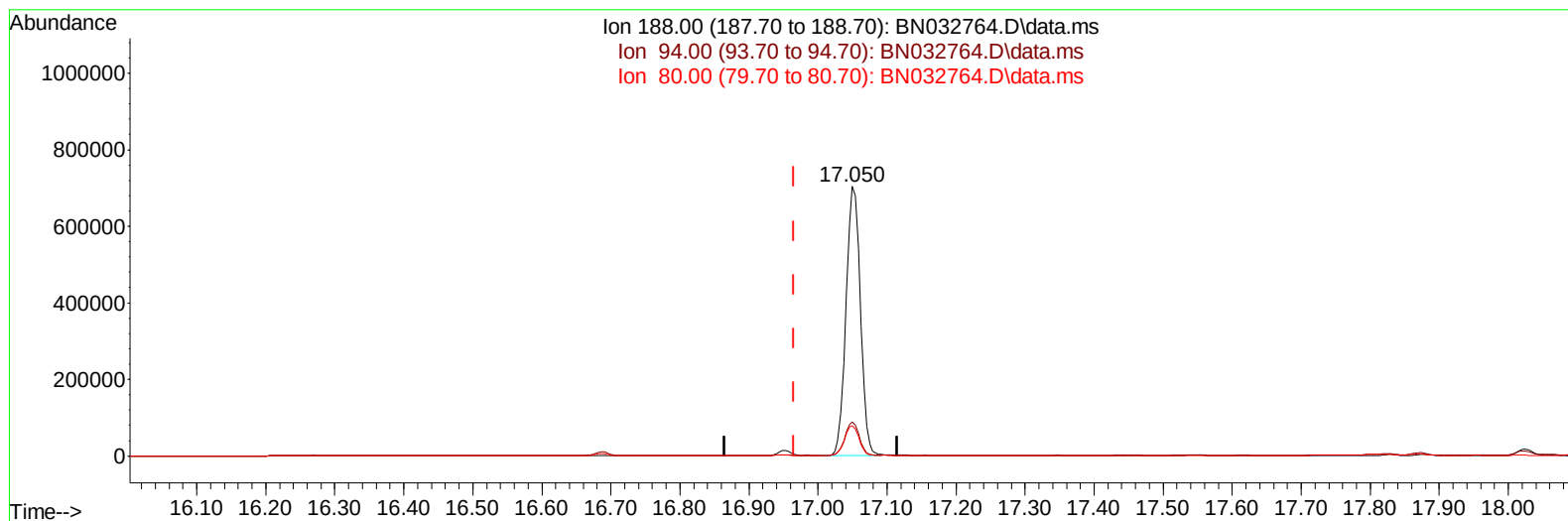
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(13) Phenanthrene-d10 (I)

17.050min (+ 0.084) 0.40 ng/u1

response 1018946

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.60
80.00	12.00	11.29
0.00	0.00	0.00

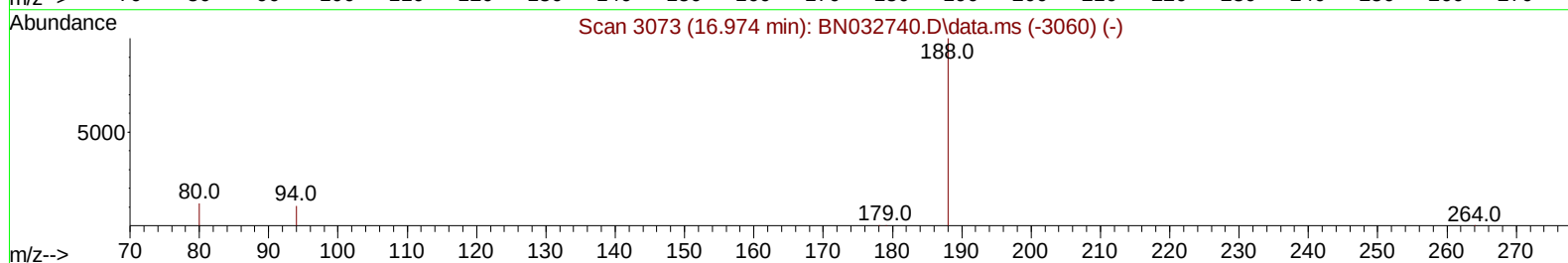
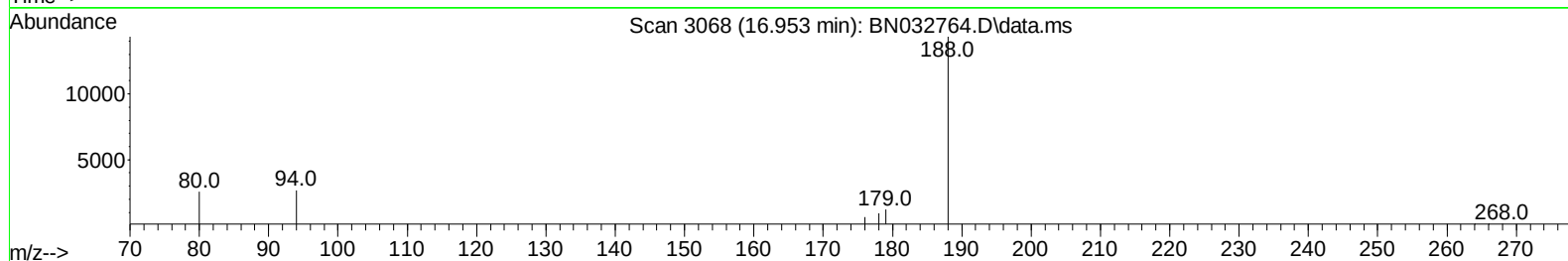
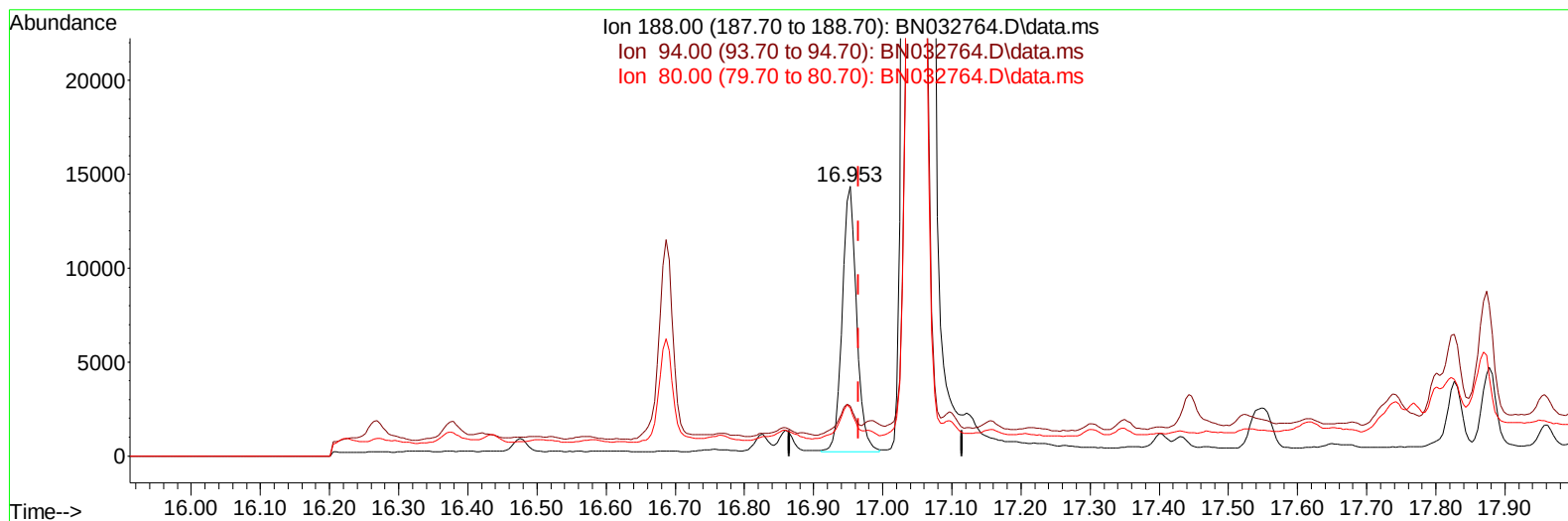
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(13) Phenanthrene-d10 (I)

16.953min (-0.013) 0.40 ng/ul m

response 20346

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	18.53#
80.00	12.00	17.89#
0.00	0.00	0.00

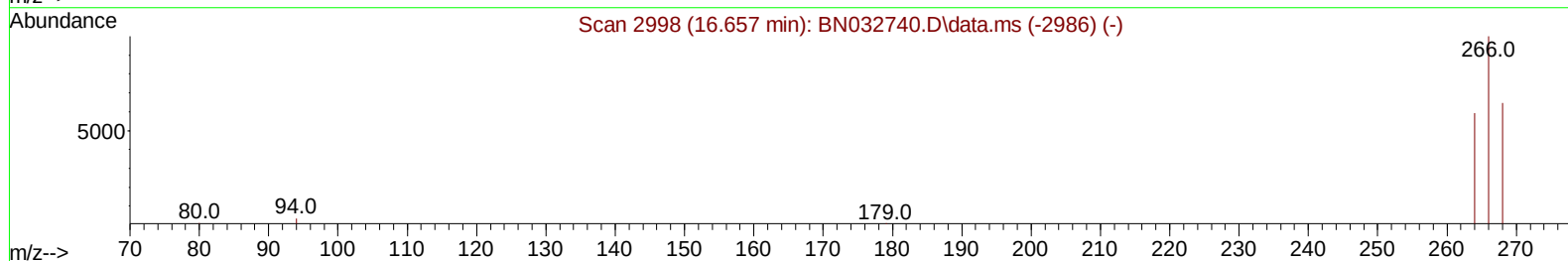
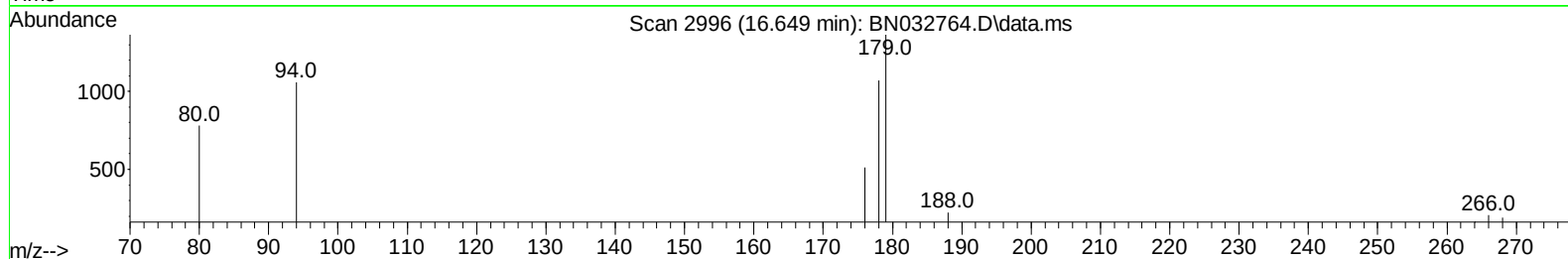
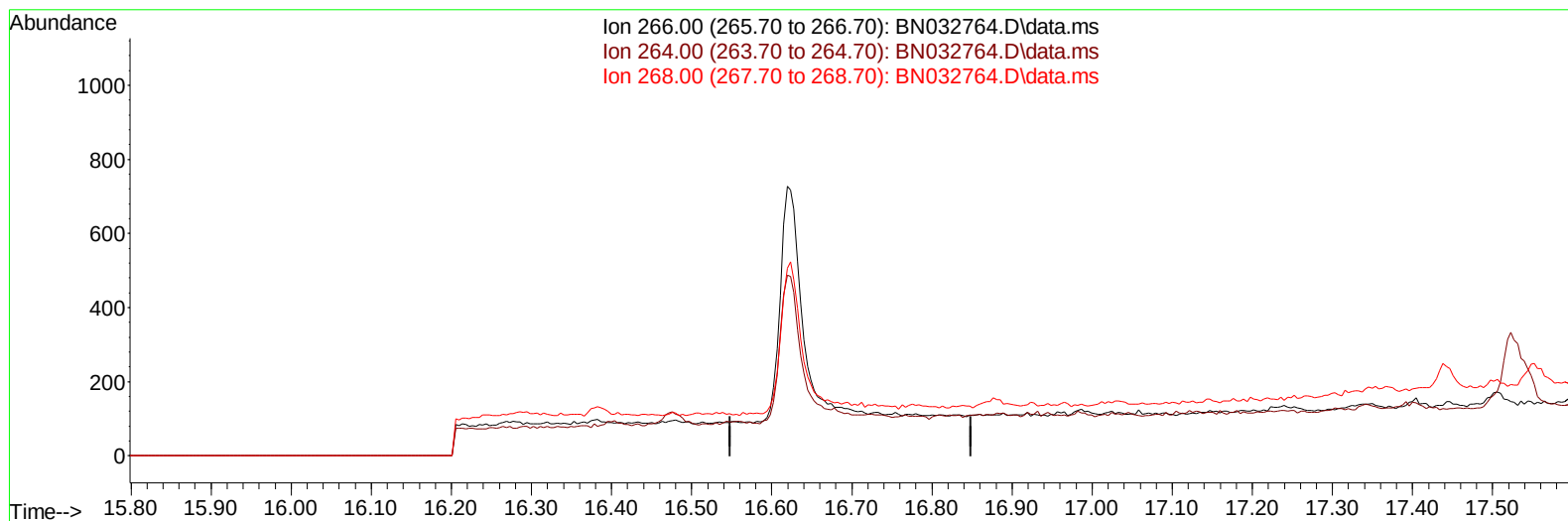
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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
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TIC: BN032764.D\data.ms

(14) Pentachlorophenol

16.649min (-16.649) 0.00 ng/ul

response 0

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

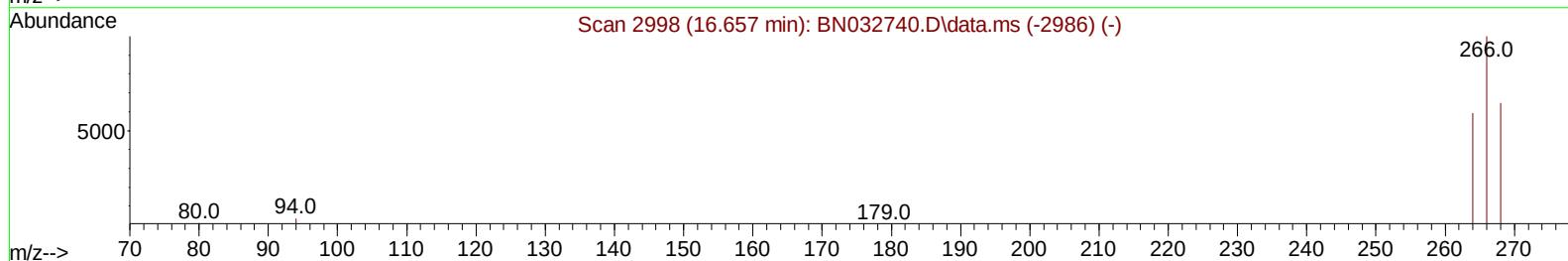
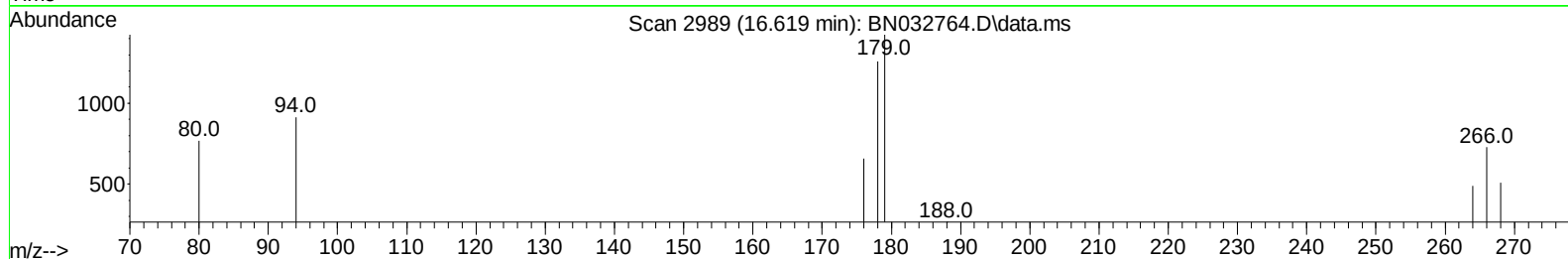
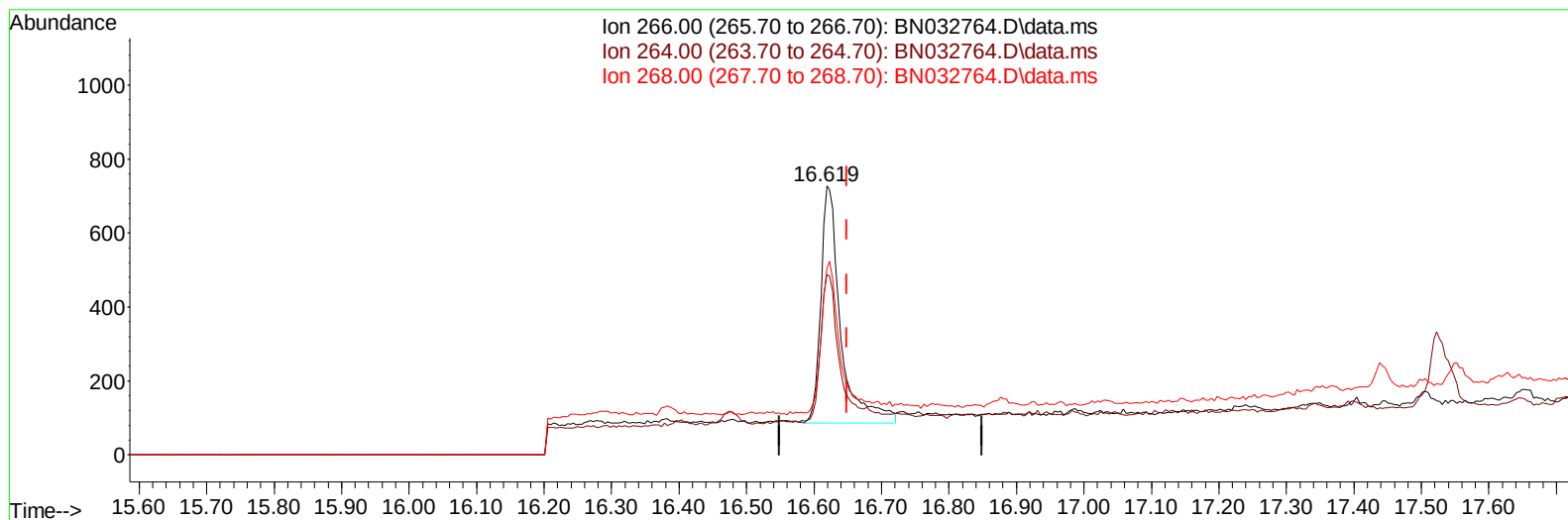
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:14:31 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



TIC: BN032764.D\data.ms

(14) Pentachlorophenol

16.619min (-0.030) 0.37 ng/ul m

response 1314

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

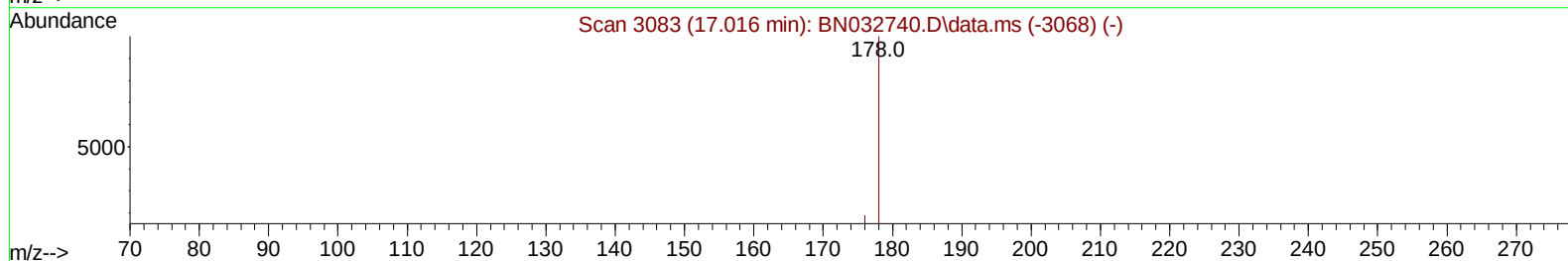
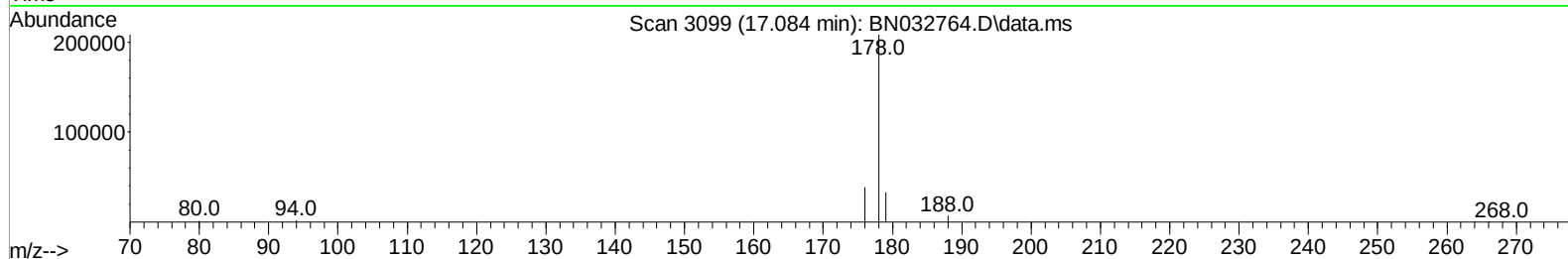
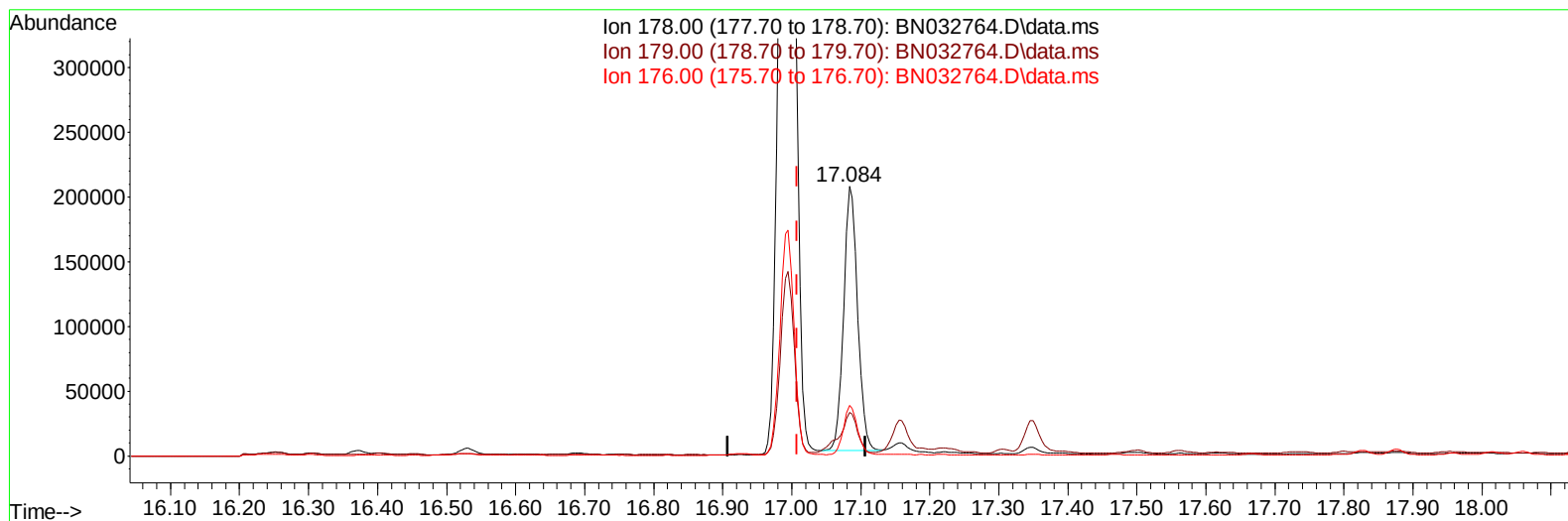
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032764.D\data.ms

(15) Phenanthrene

17.084min (+ 0.076) 5.21 ng/u1

response 288684

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.07
176.00	19.50	18.72
0.00	0.00	0.00

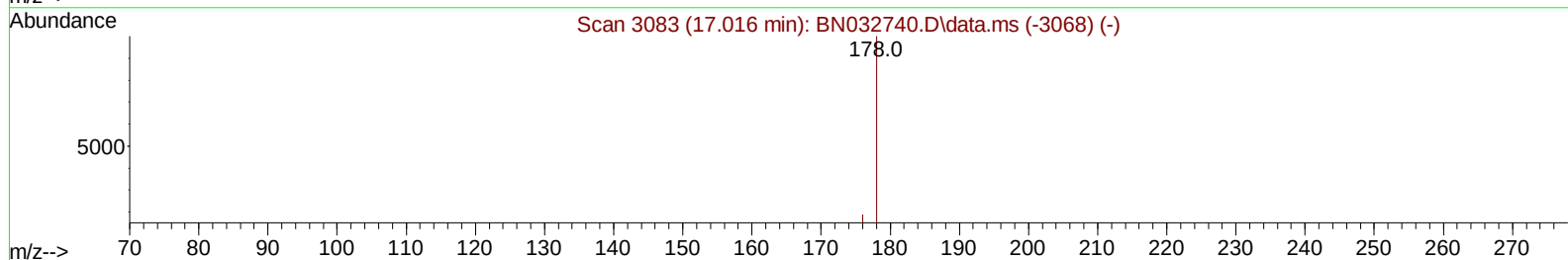
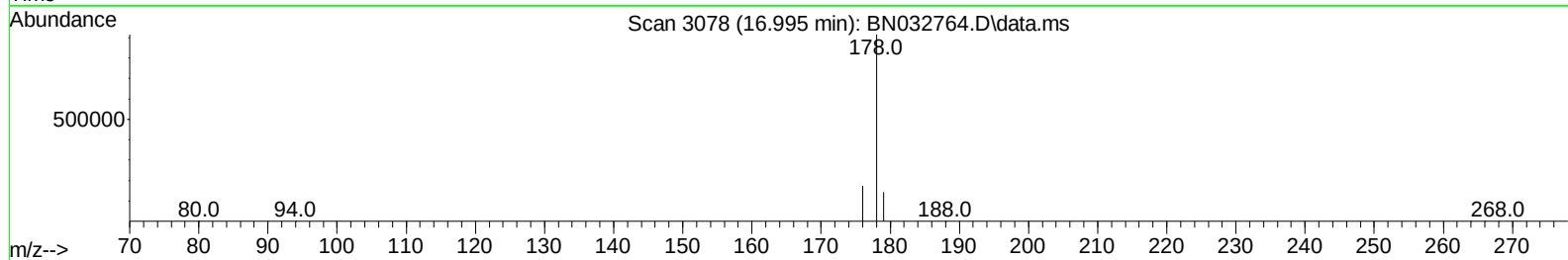
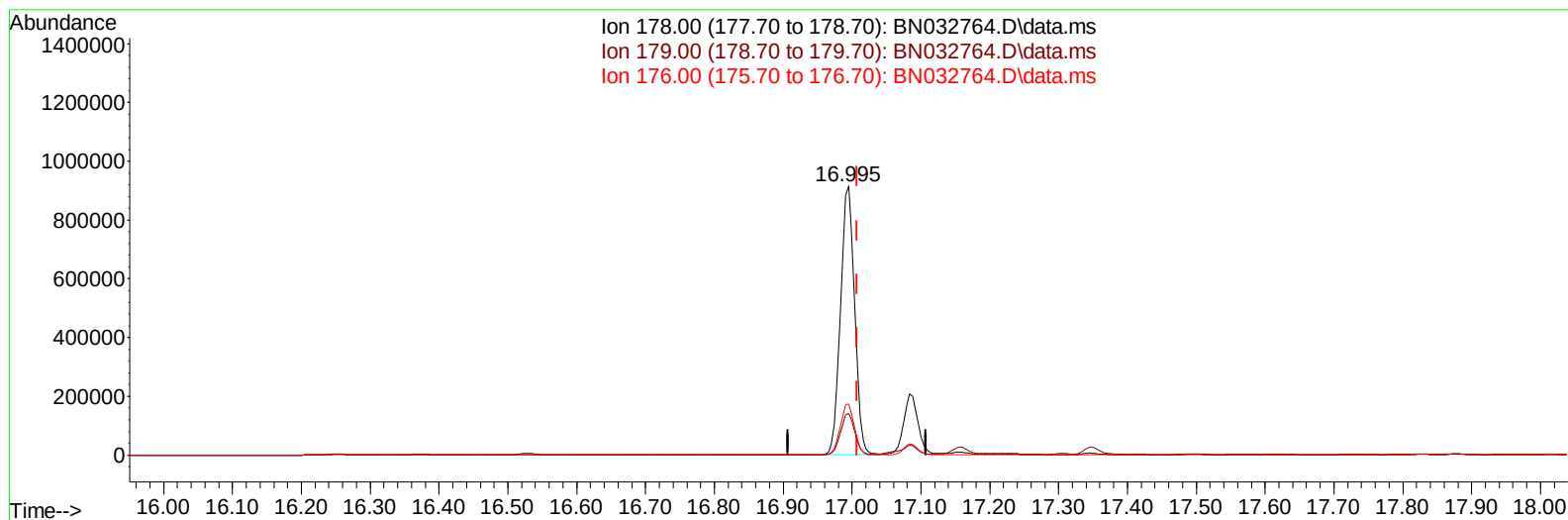
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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

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TIC: BN032764.D\data.ms

(15) Phenanthrene

16.995min (-0.013) 23.48 ng/ul m

response 1301259

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.57
176.00	19.50	19.05
0.00	0.00	0.00

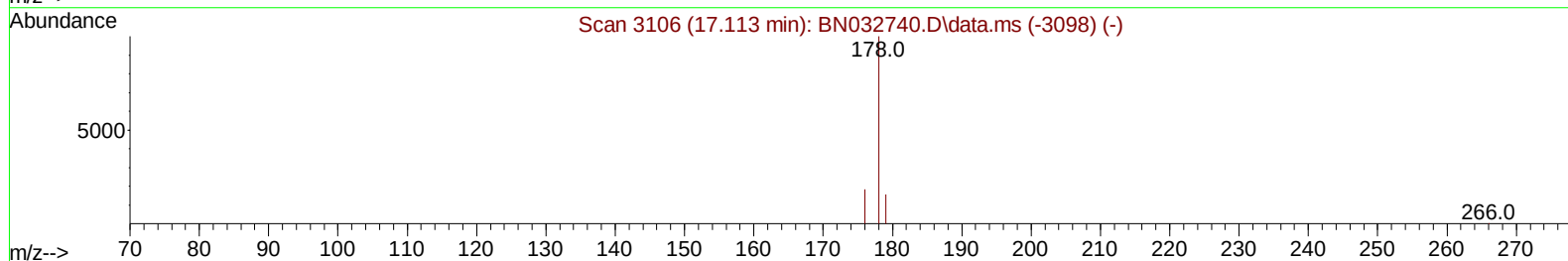
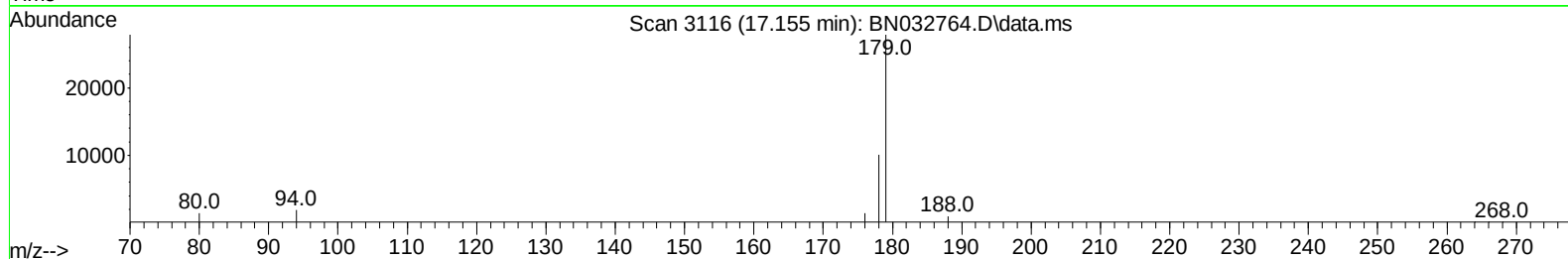
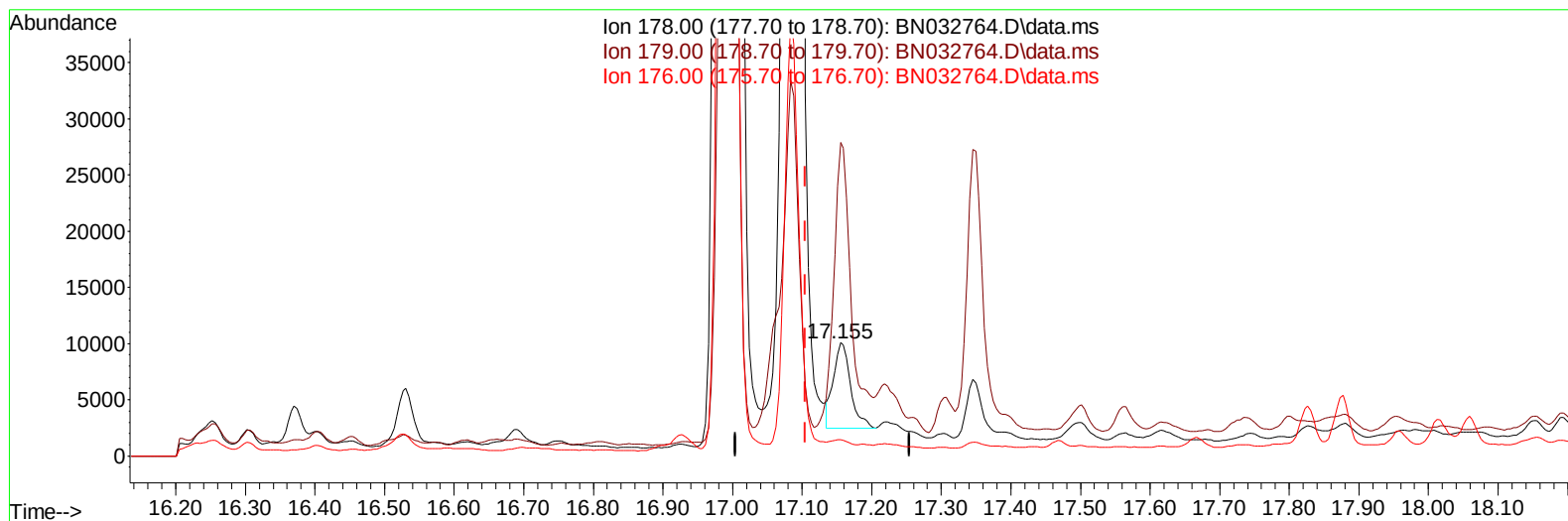
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(16) Anthracene

17.155min (+ 0.051) 0.29 ng/u1

response 13104

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	276.37#
176.00	19.20	14.57#
0.00	0.00	0.00

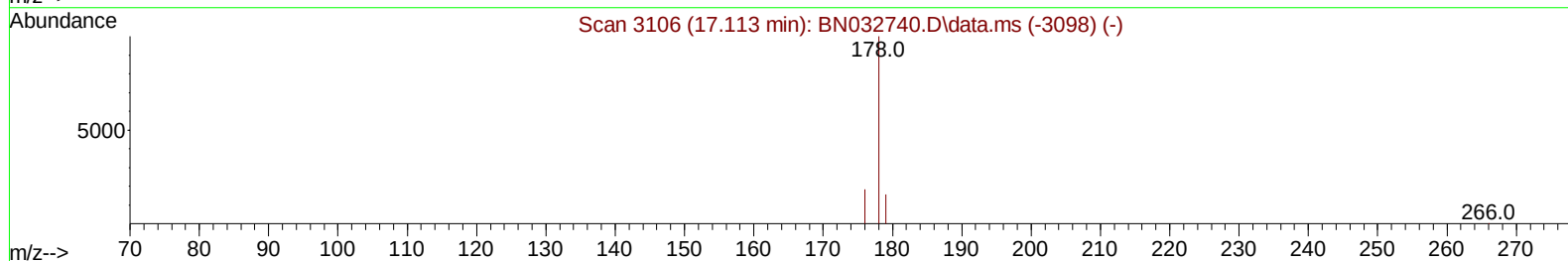
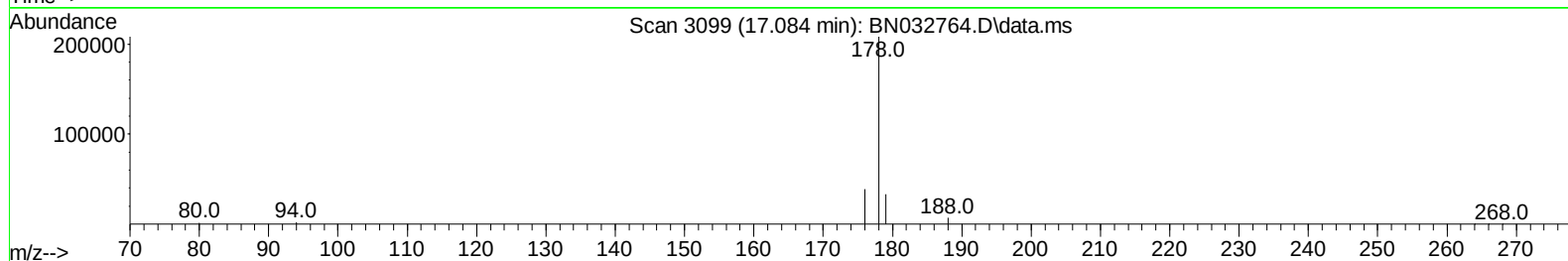
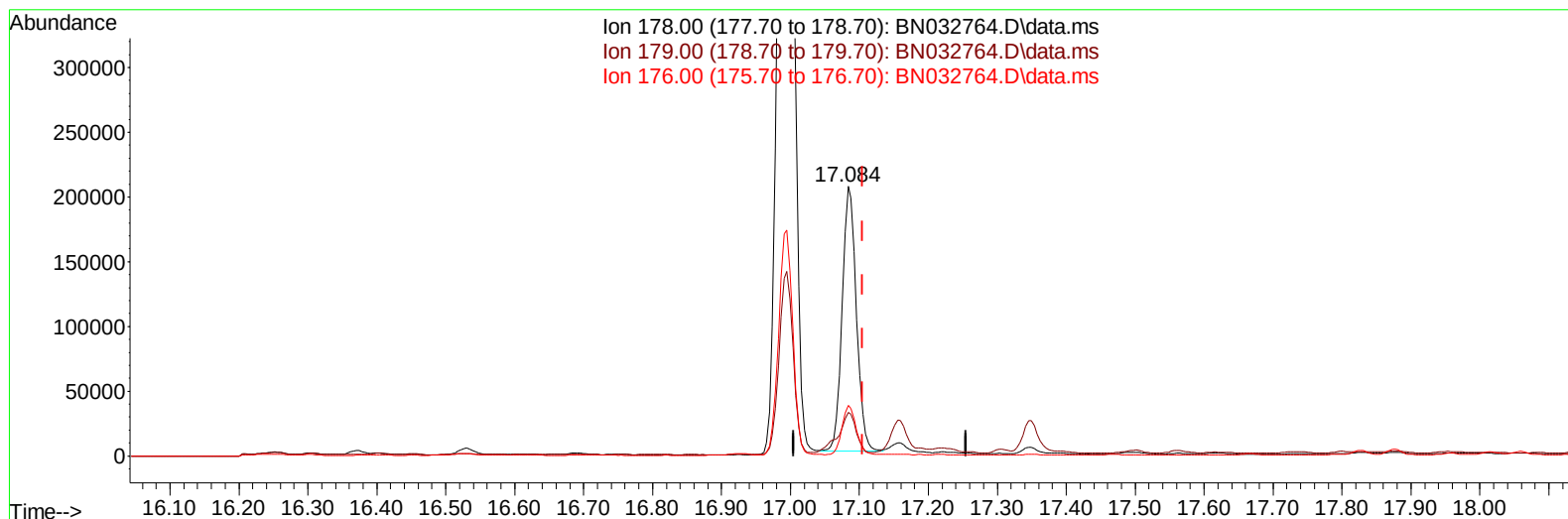
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(16) Anthracene

17.084min (-0.021) 6.46 ng/ul m

response 292249

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.07
176.00	19.20	18.72
0.00	0.00	0.00

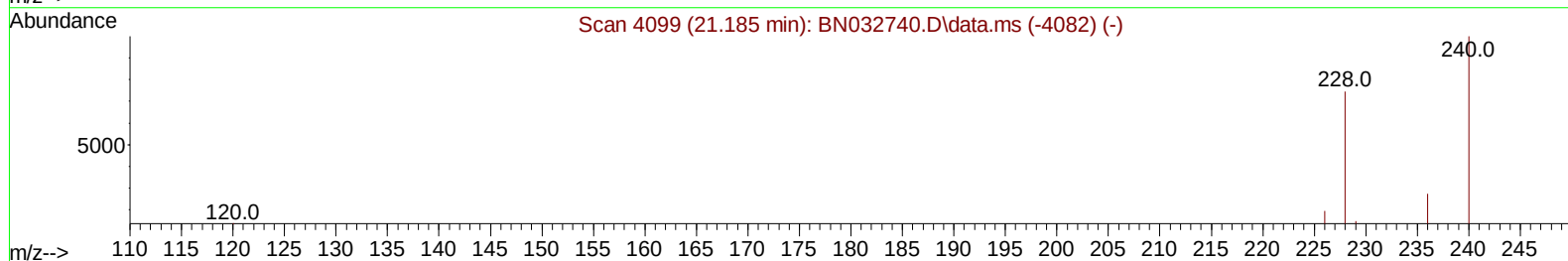
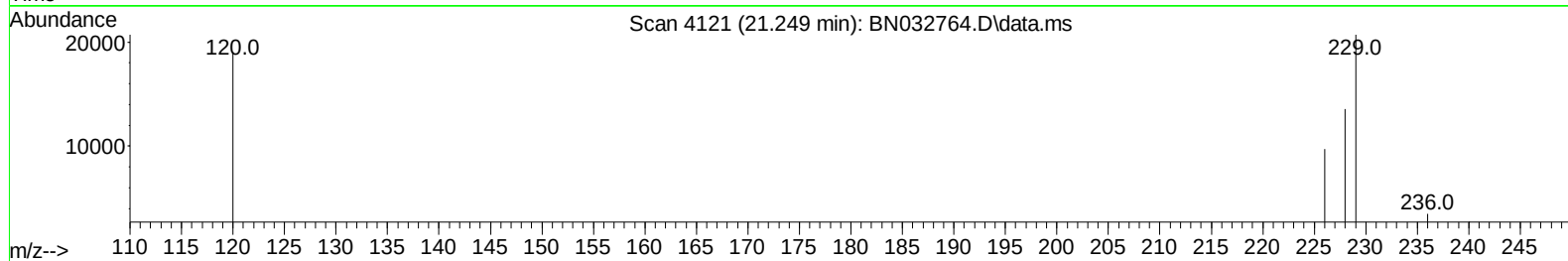
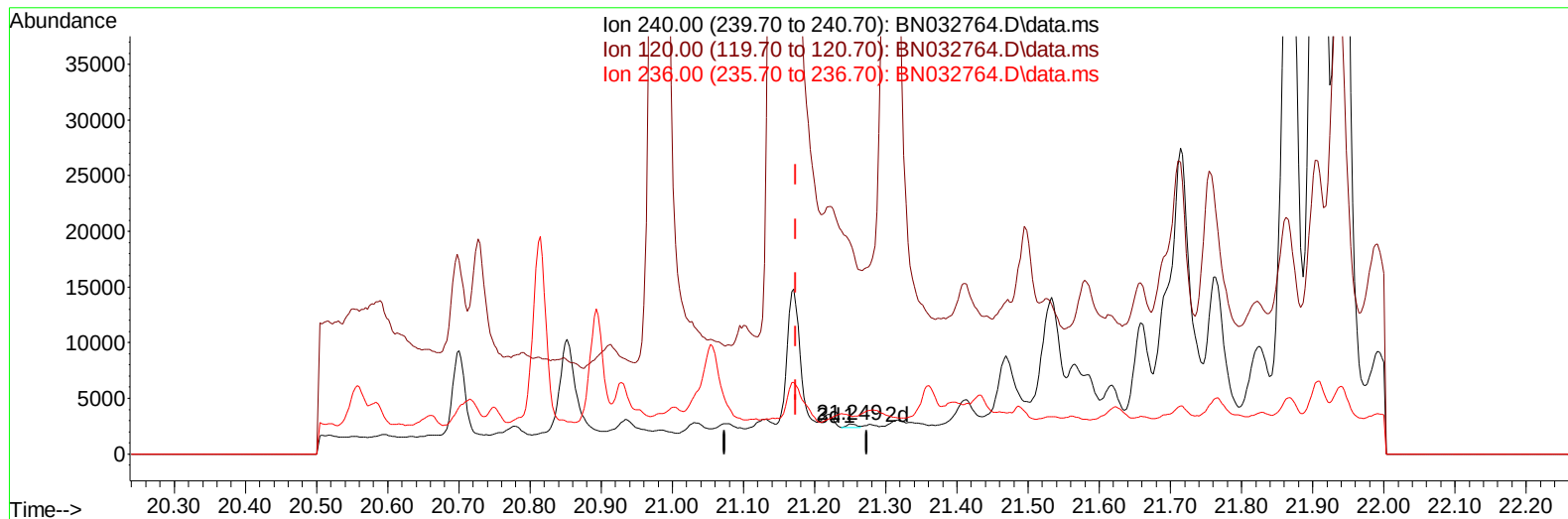
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(17) Chrysene-d12

21.249min (+ 0.076) 0.40 ng/u1

response 263

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	708.47#
236.00	28.40	128.90#
0.00	0.00	0.00

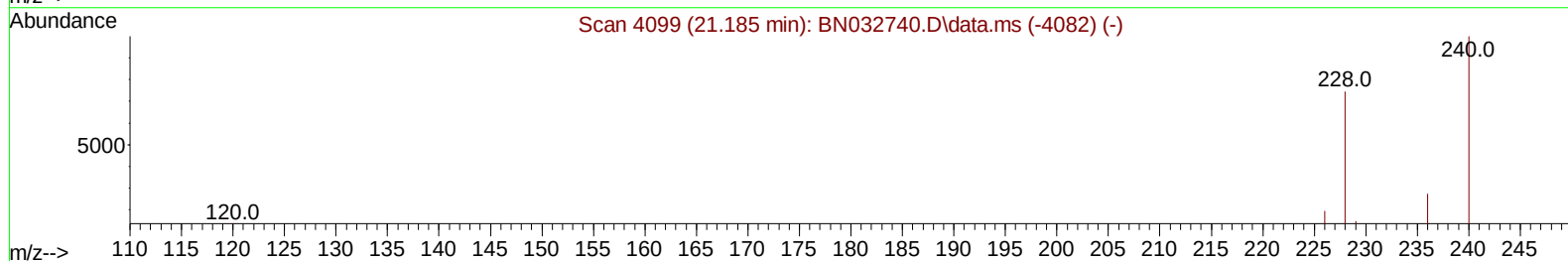
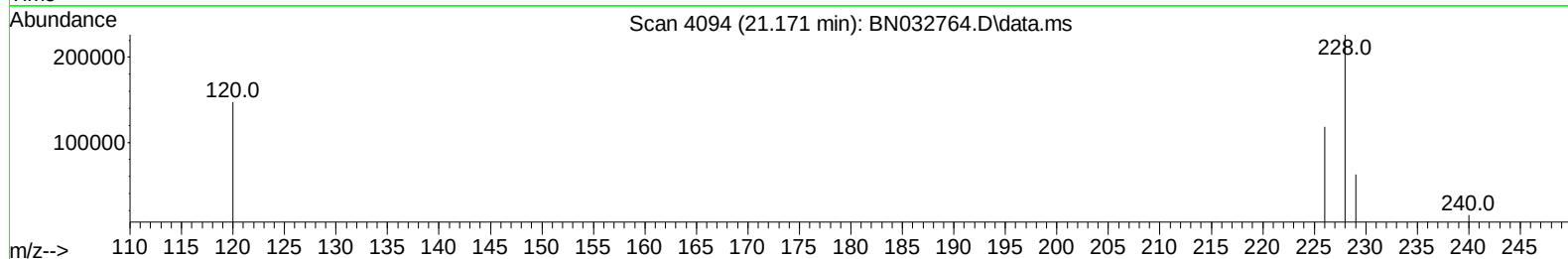
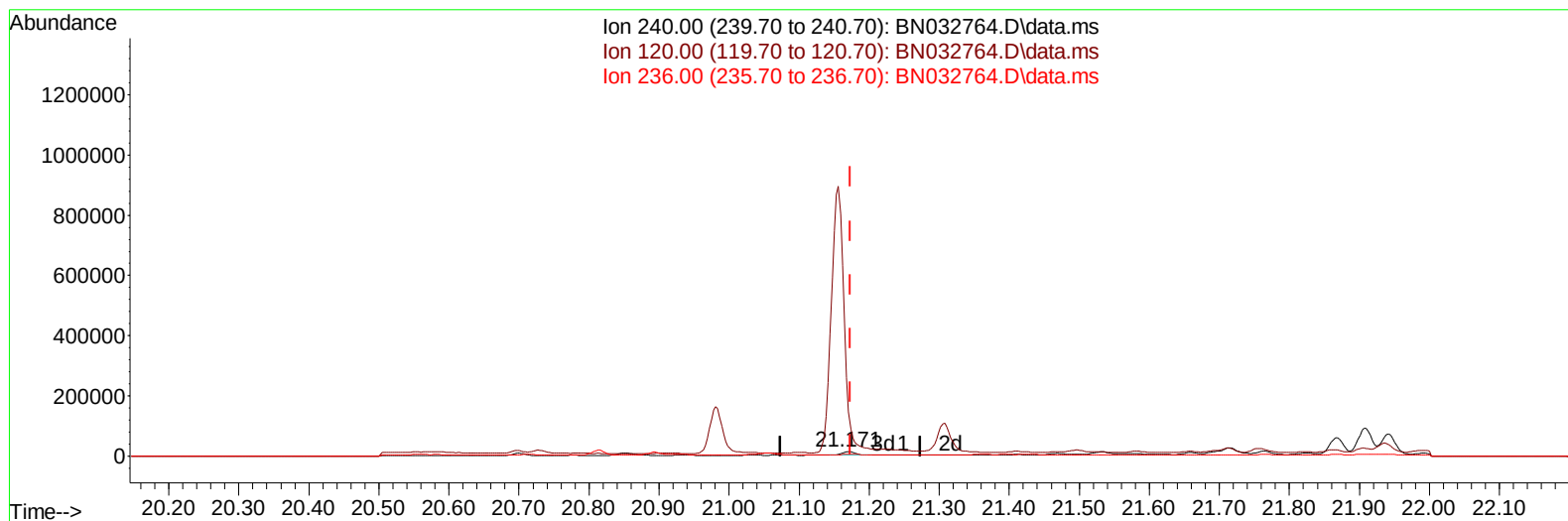
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032764.D
 Acq On : 17 Jul 2024 05:45
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(17) Chrysene-d12

21.171min (-0.003) 0.40 ng/ul m

response 15409

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	993.42#
236.00	28.40	43.31#
0.00	0.00	0.00

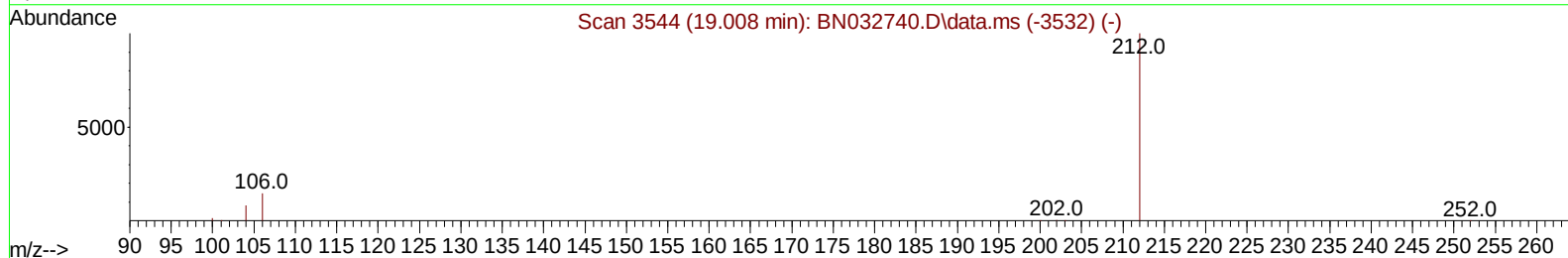
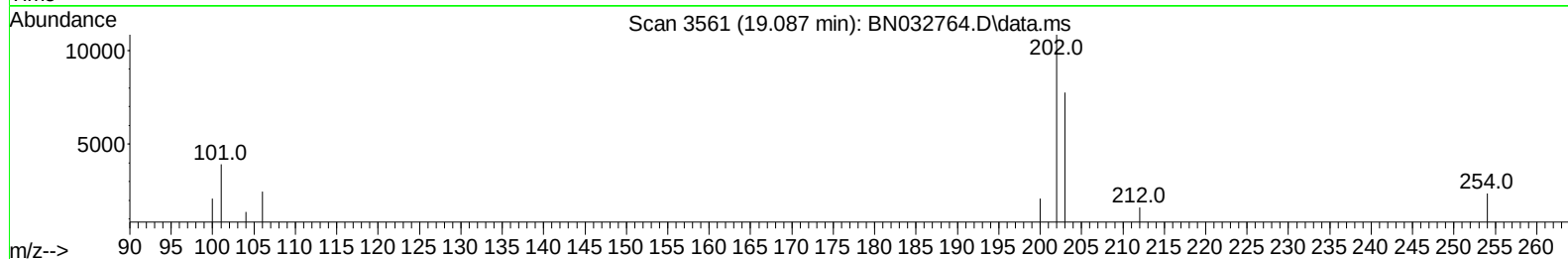
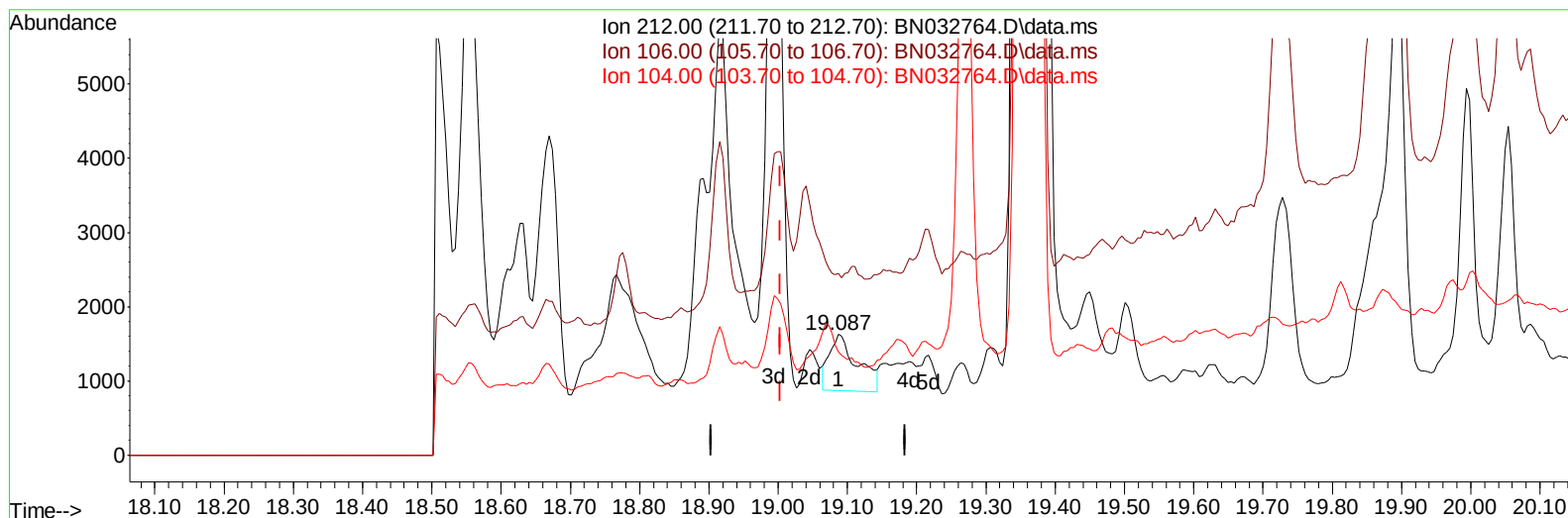
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

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TIC: BN032764.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.087min (+ 0.084) 0.04 ng/u1

response 2132

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	65.29#
0.00	0.00	0.00

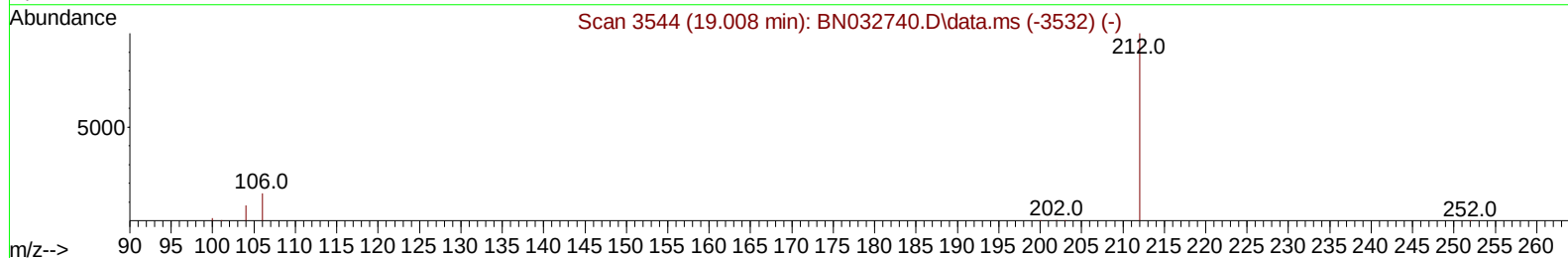
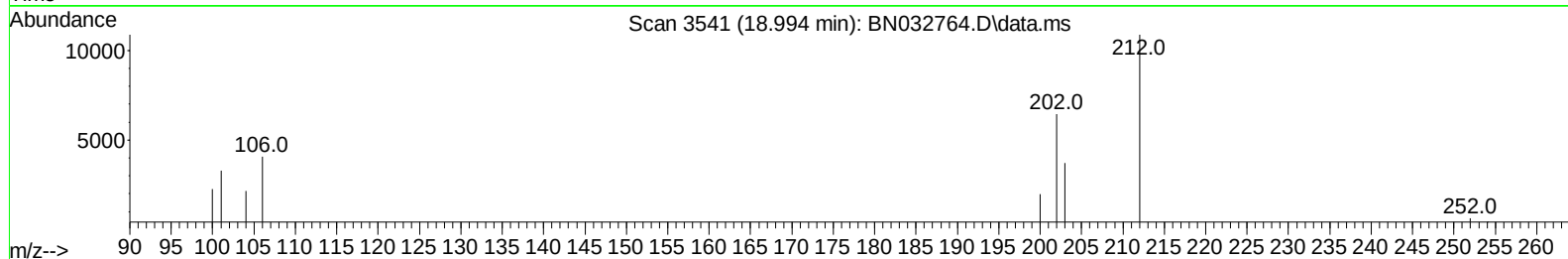
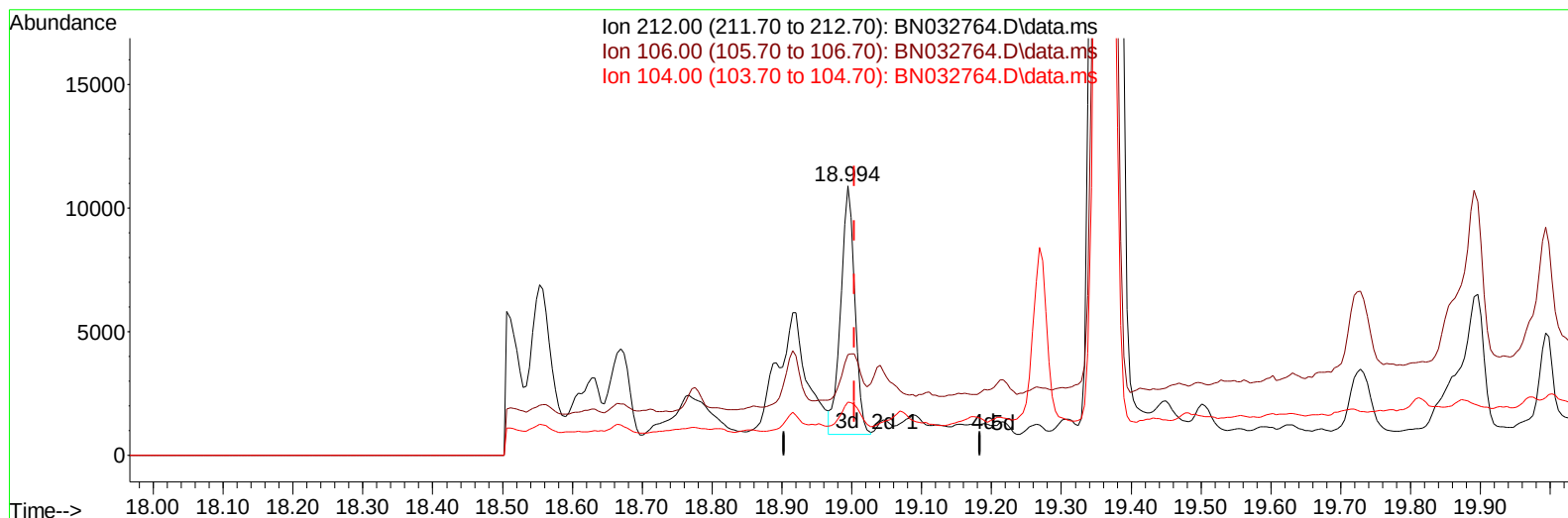
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032764.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.994min (-0.009) 0.28 ng/ul m

response 14006

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.00#
104.00	9.00	9.94
0.00	0.00	0.00

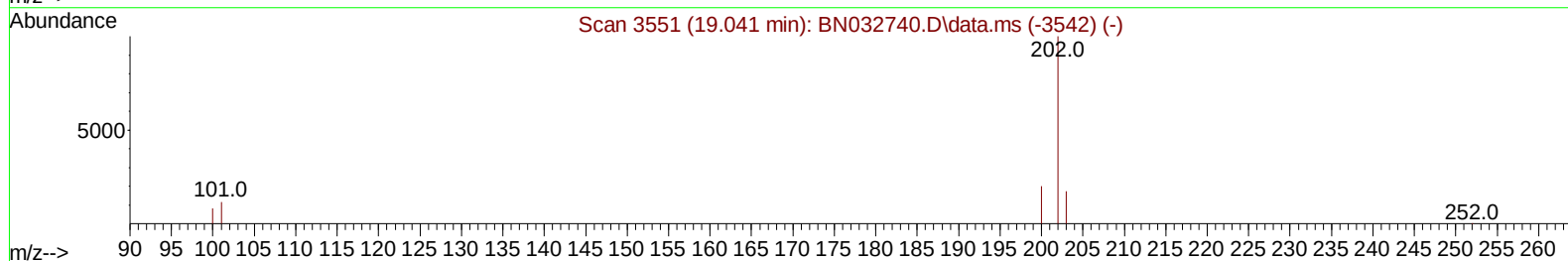
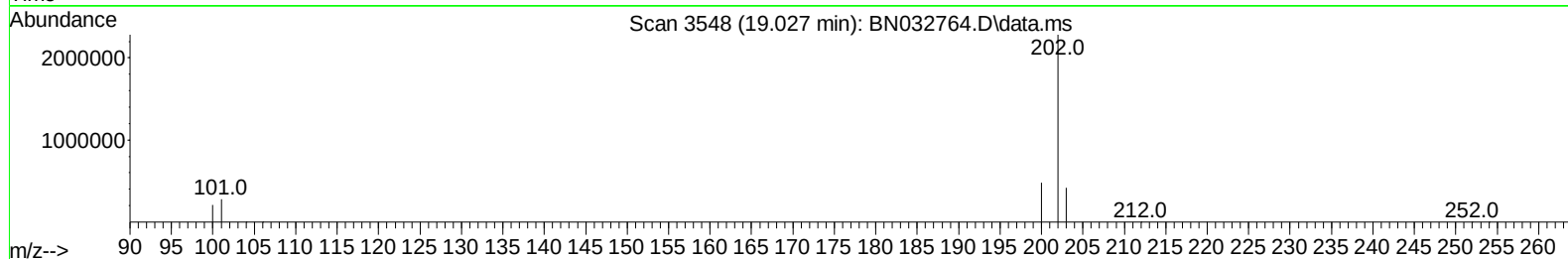
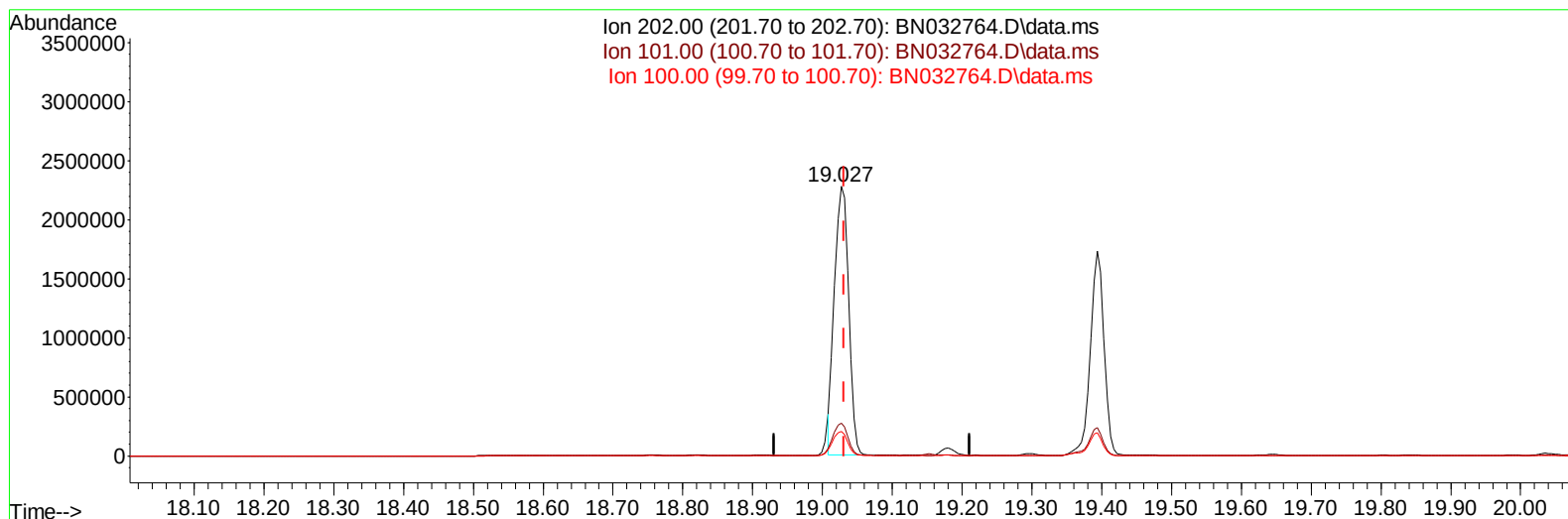
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:14:31 2024
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QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032764.D\data.ms

(19) Fluoranthene (C)**19.027min (-0.005) 51.18 ng/u1****response 3206550**

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.13
100.00	9.90	9.17
0.00	0.00	0.00

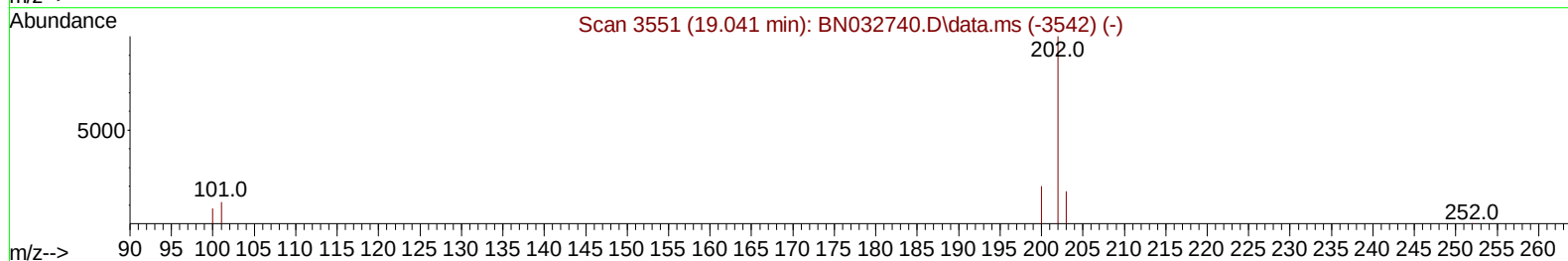
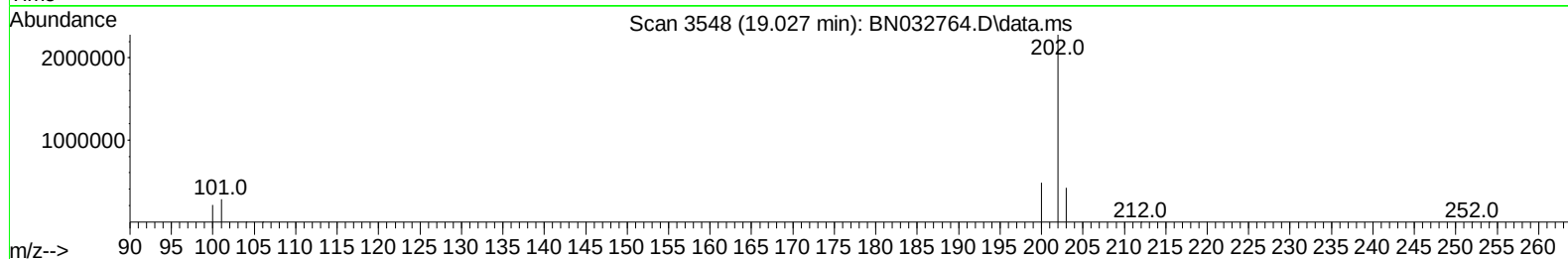
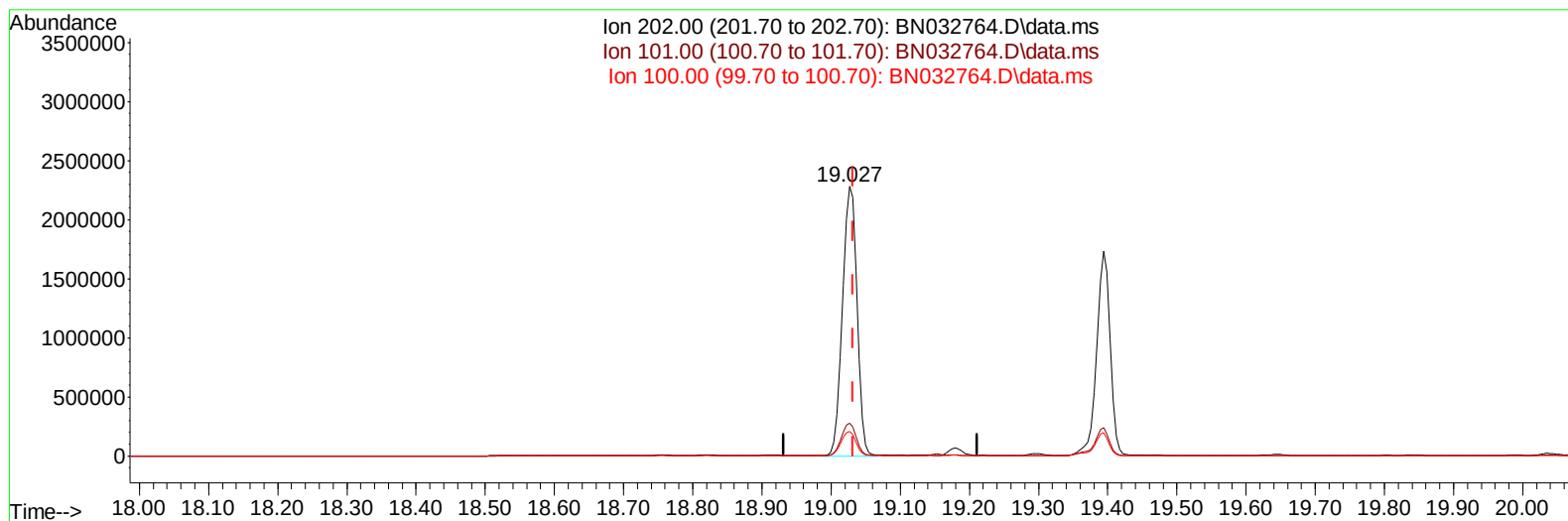
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.005) 53.89 ng/ul m

response 3375908

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.13
100.00	9.90	9.17
0.00	0.00	0.00

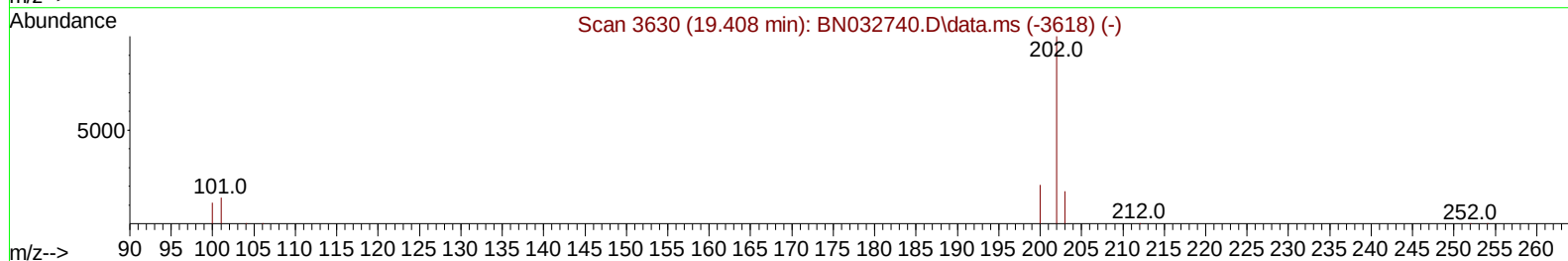
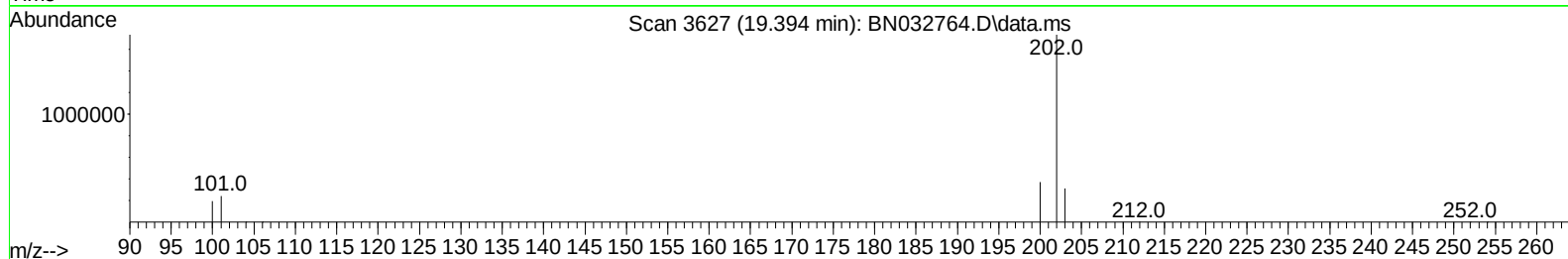
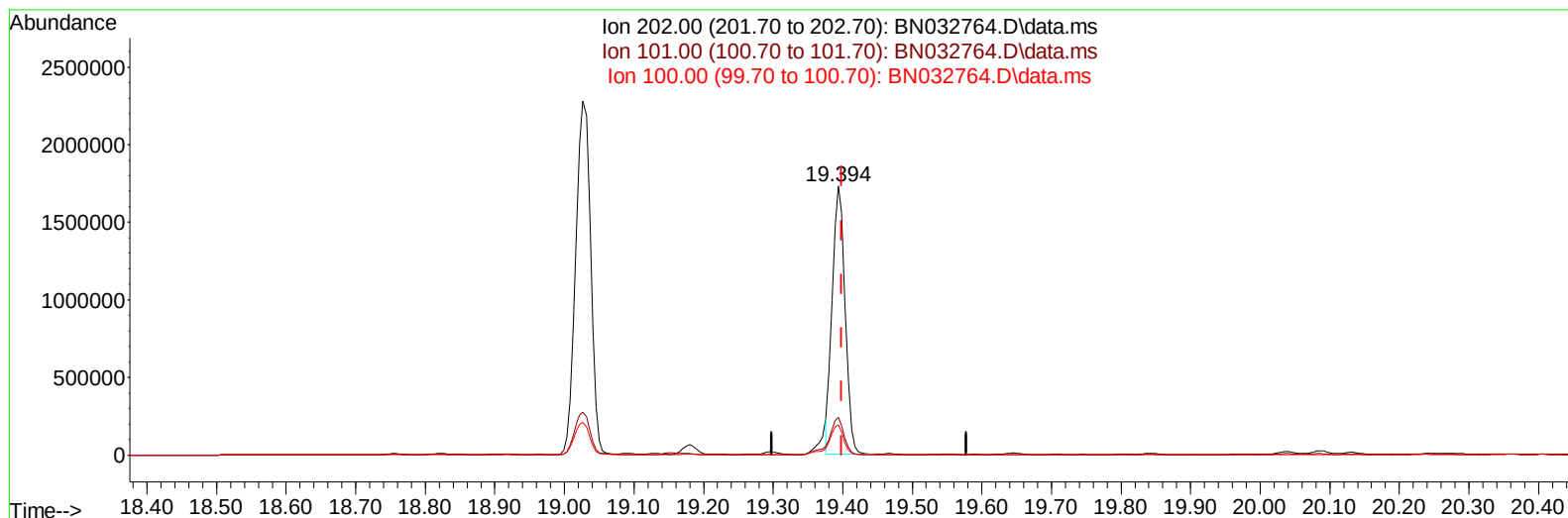
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(20) Pyrene

19.394min (-0.005) 34.20 ng/u1

response 2217855

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.95
100.00	12.00	11.23
0.00	0.00	0.00

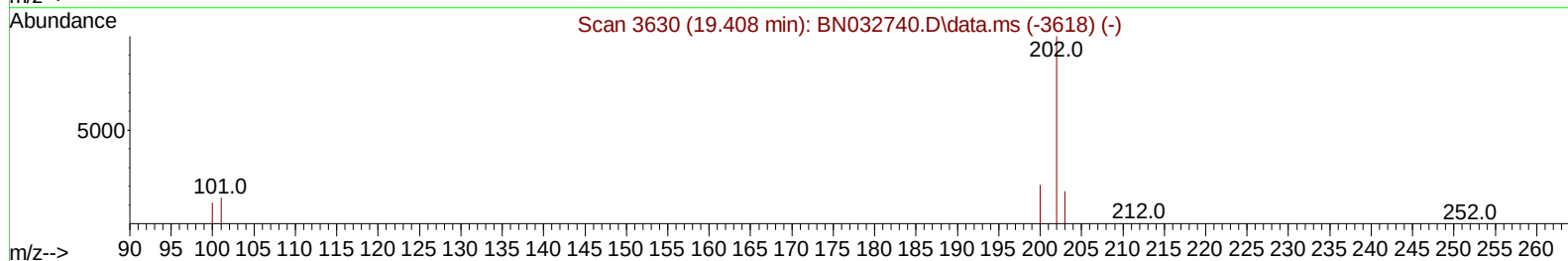
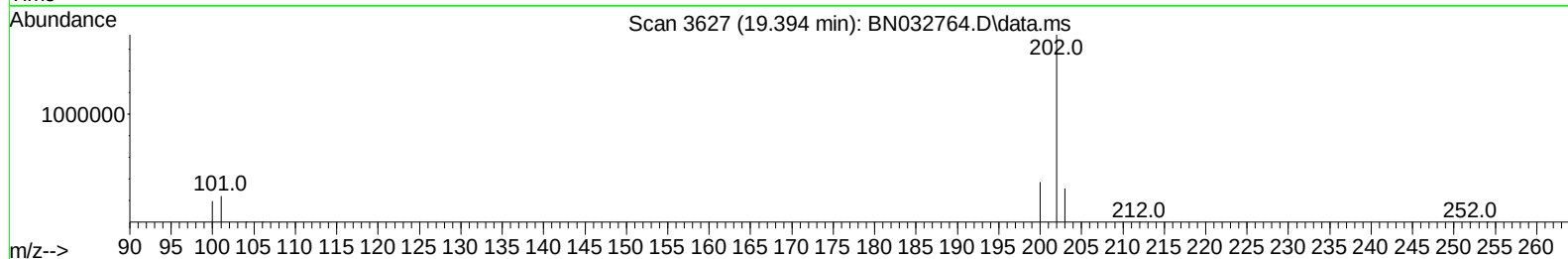
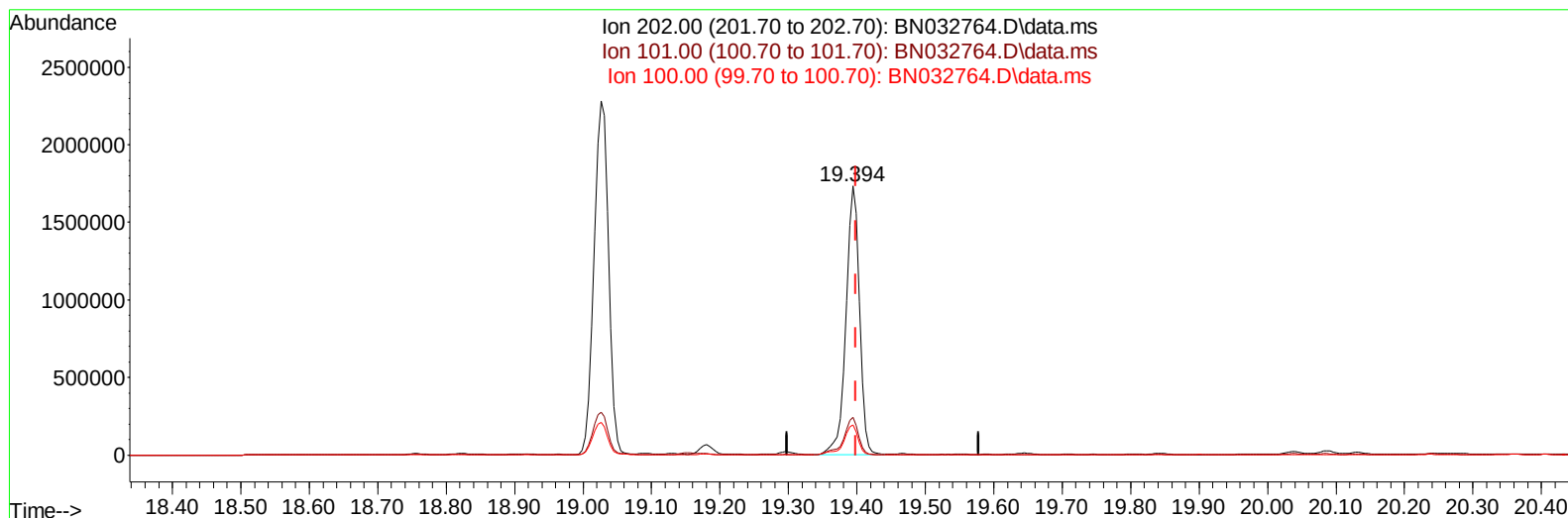
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(20) Pyrene

19.394min (-0.005) 36.78 ng/ul m

response 2385057

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.95
100.00	12.00	11.23
0.00	0.00	0.00

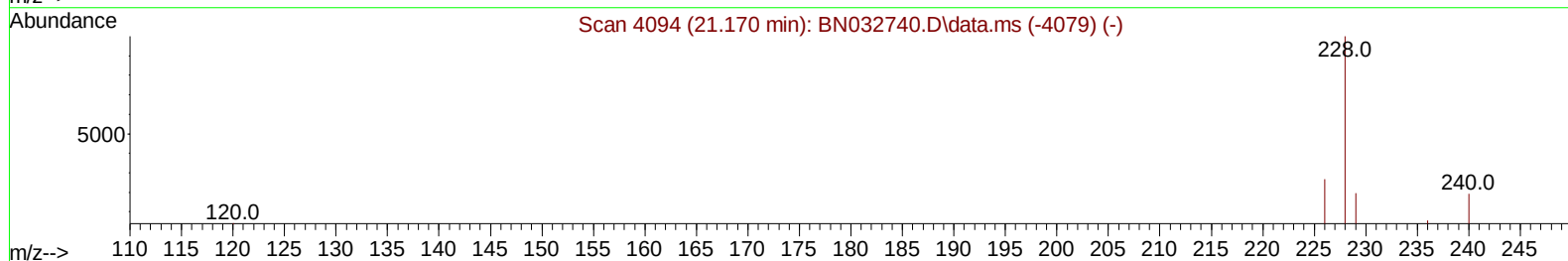
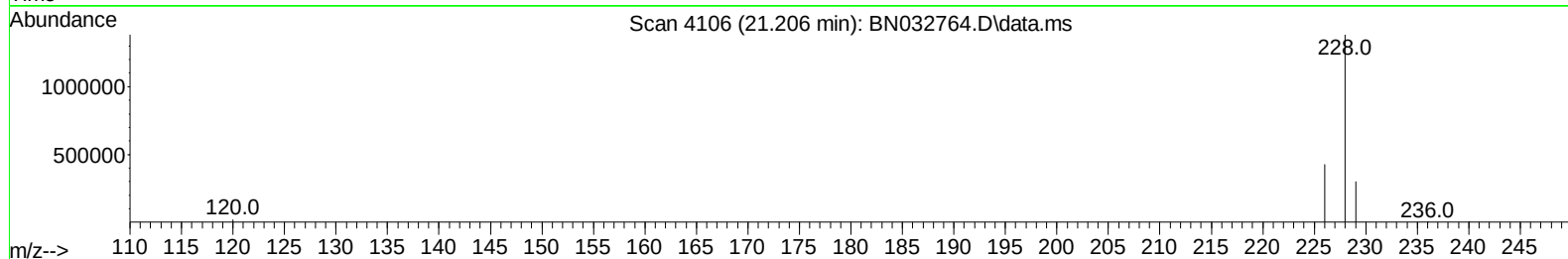
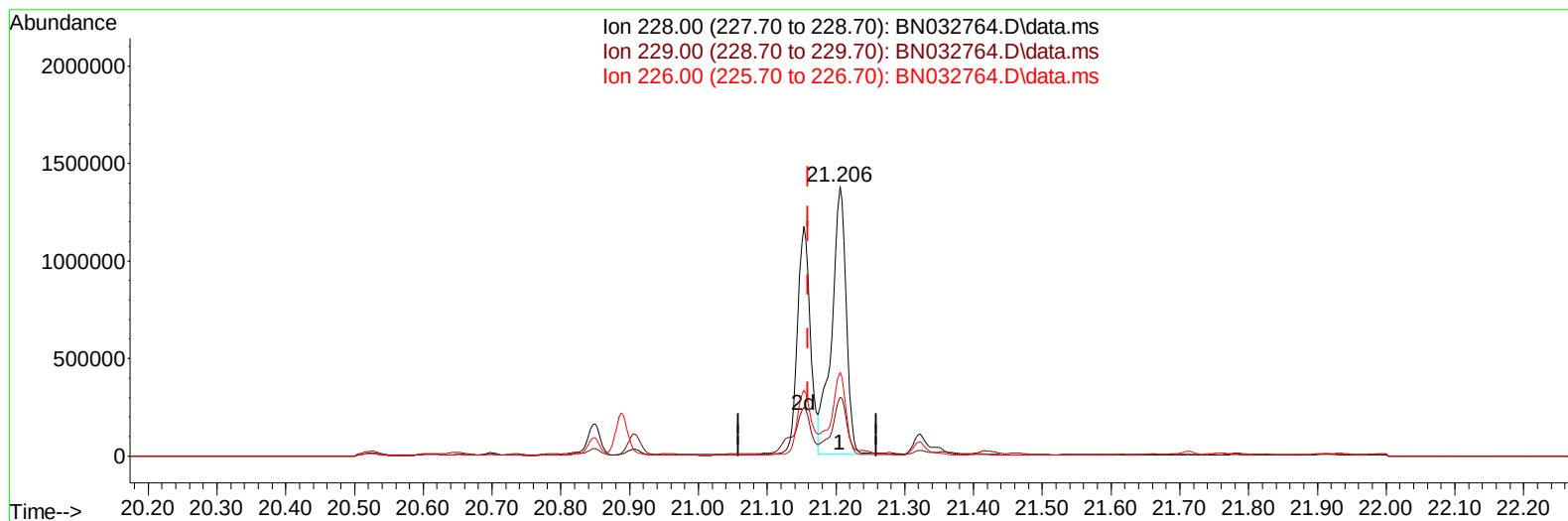
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(21) Benzo(a)anthracene

21.206min (+ 0.047) 41.34 ng/ul

response 2027713

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.88
226.00	27.40	30.98
0.00	0.00	0.00

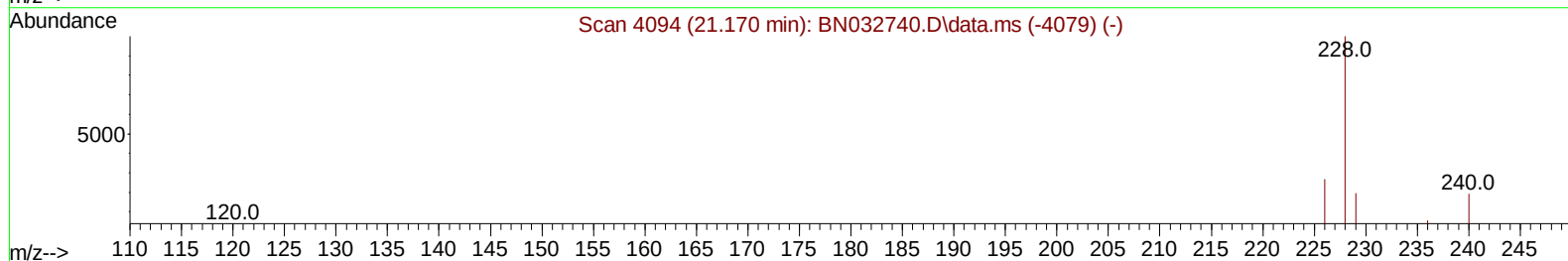
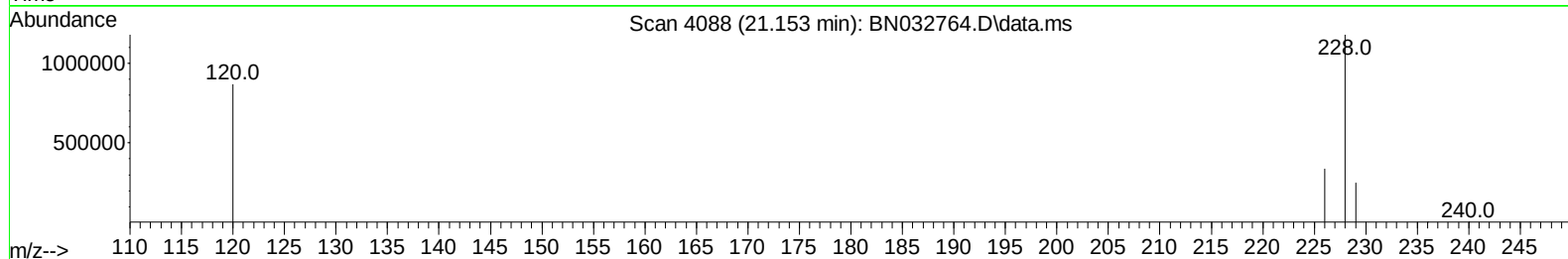
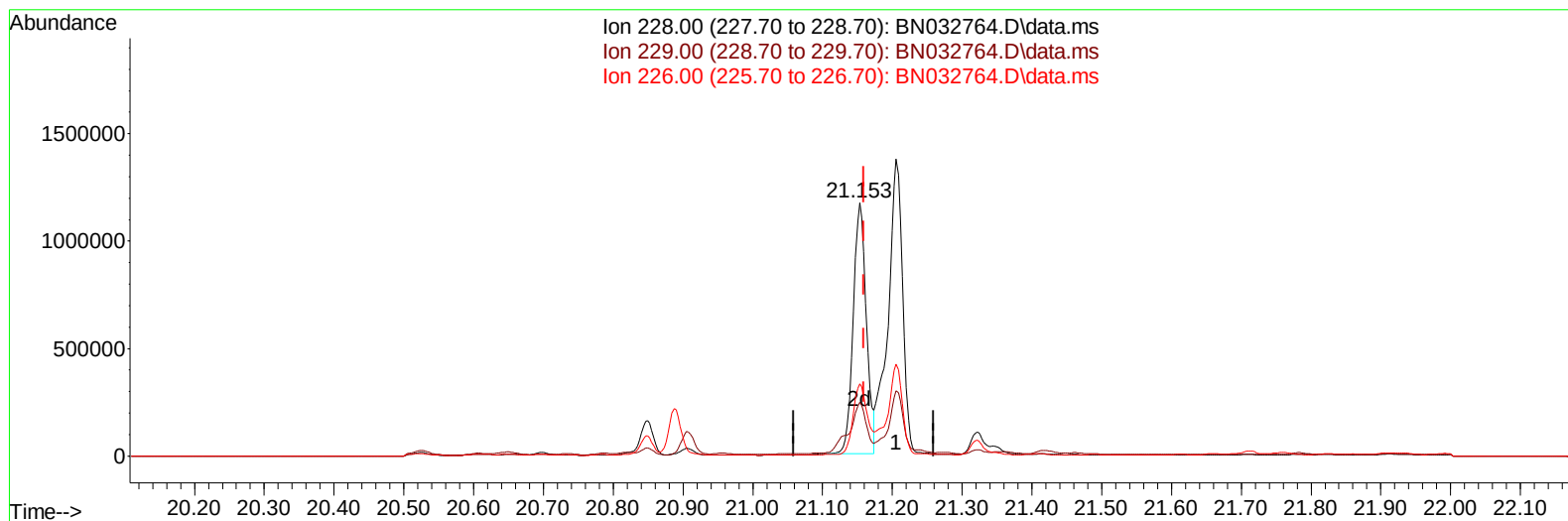
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.006) 31.20 ng/ul m

response 1530550

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.25
226.00	27.40	28.53
0.00	0.00	0.00

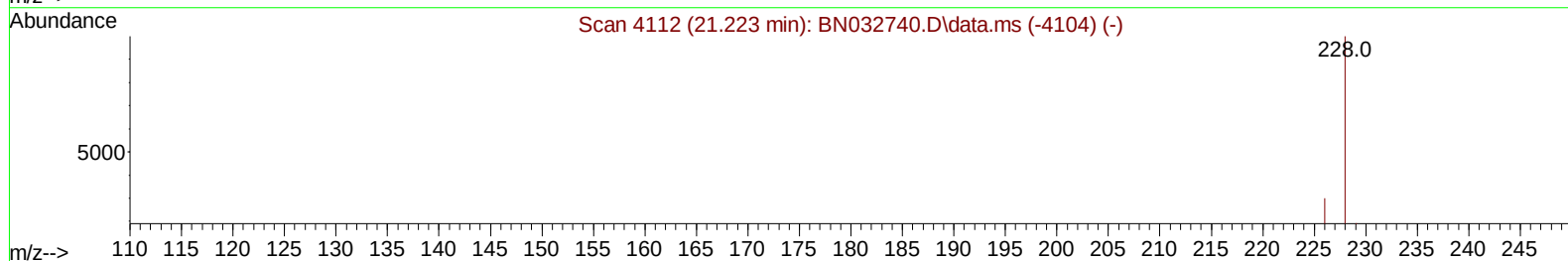
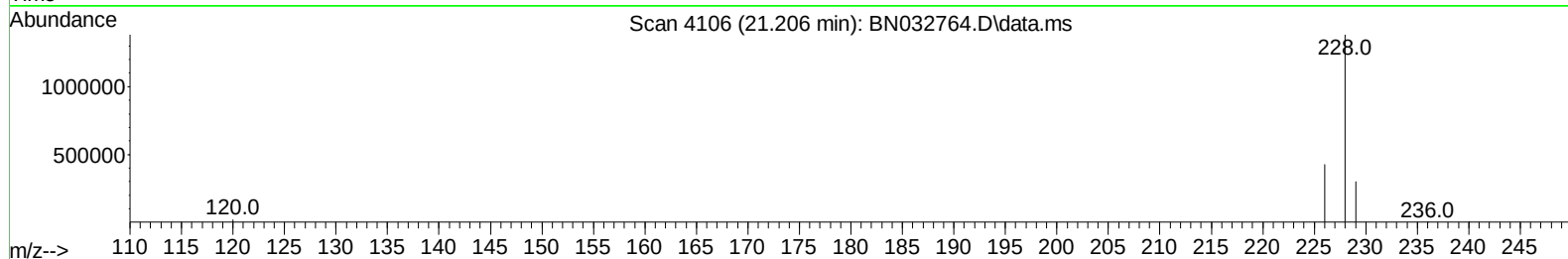
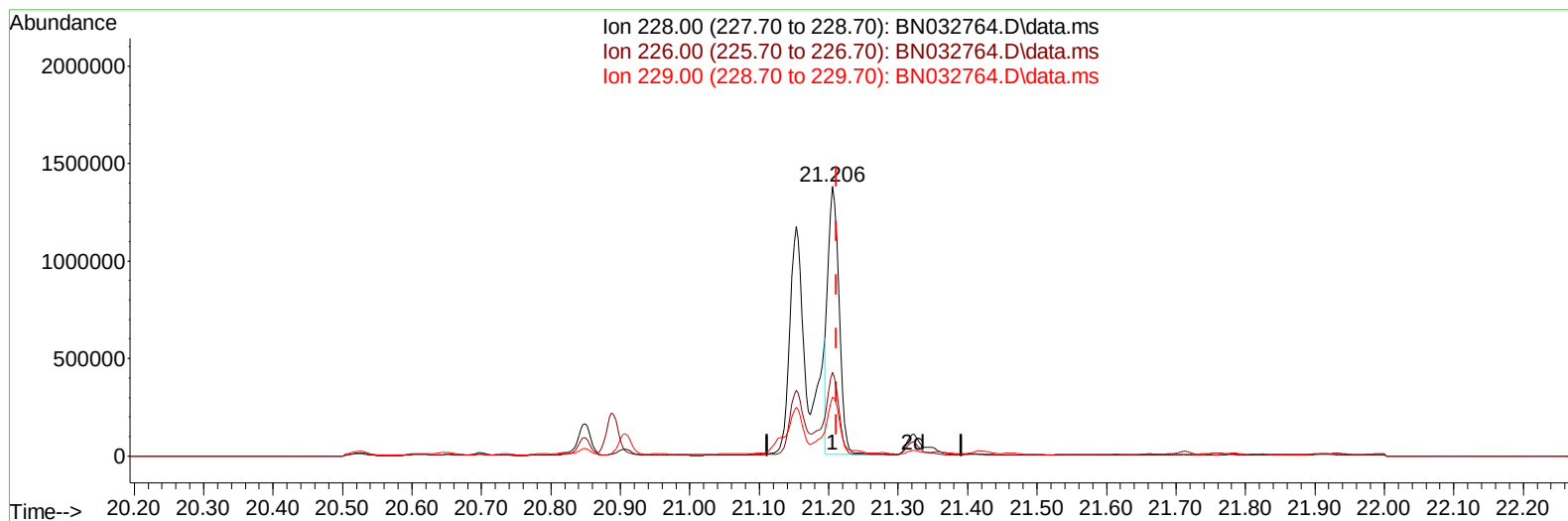
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(22) Chrysene

21.206min (-0.006) 21.93 ng/u1

response 1556260

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.98
229.00	19.70	21.88
0.00	0.00	0.00

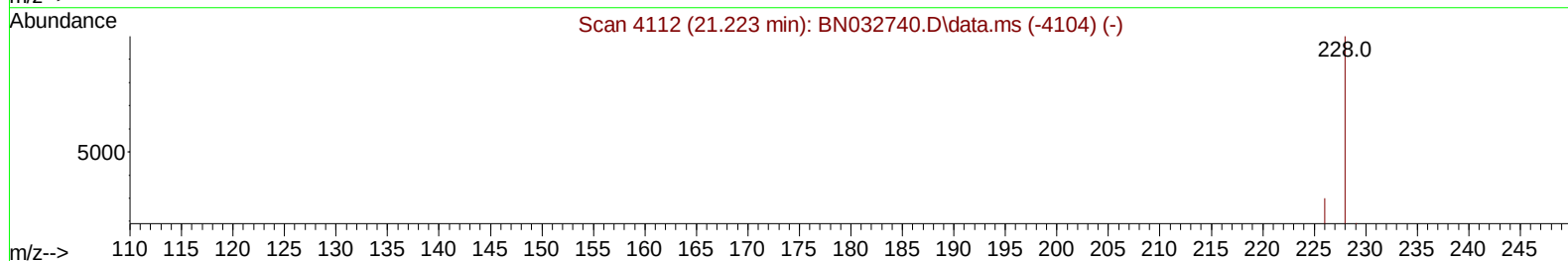
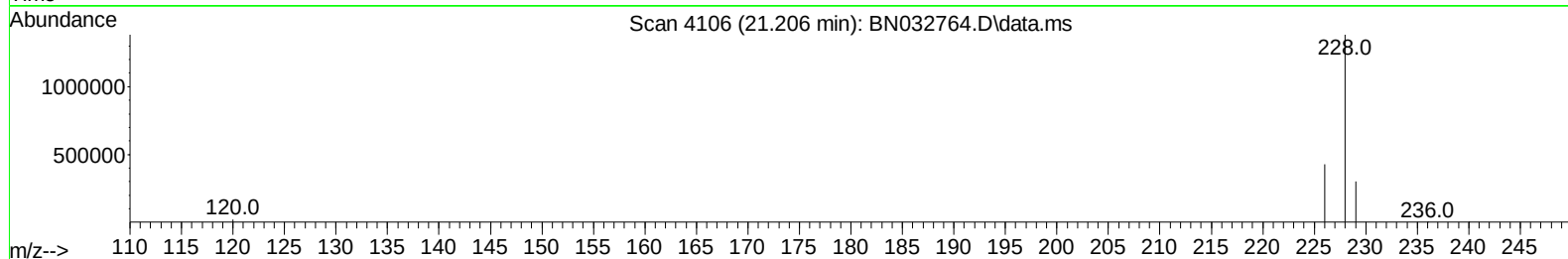
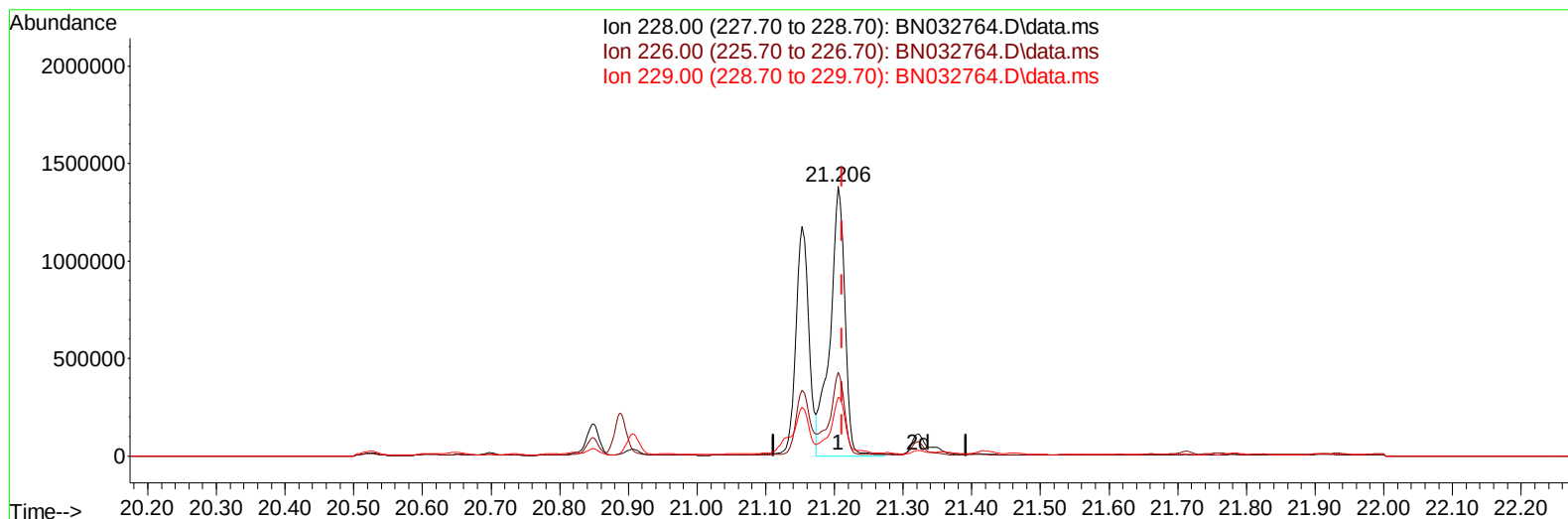
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032764.D
 Acq On : 17 Jul 2024 05:45
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(22) Chrysene

21.206min (-0.006) 29.26 ng/ul m

response 2076189

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.98
229.00	19.70	21.88
0.00	0.00	0.00

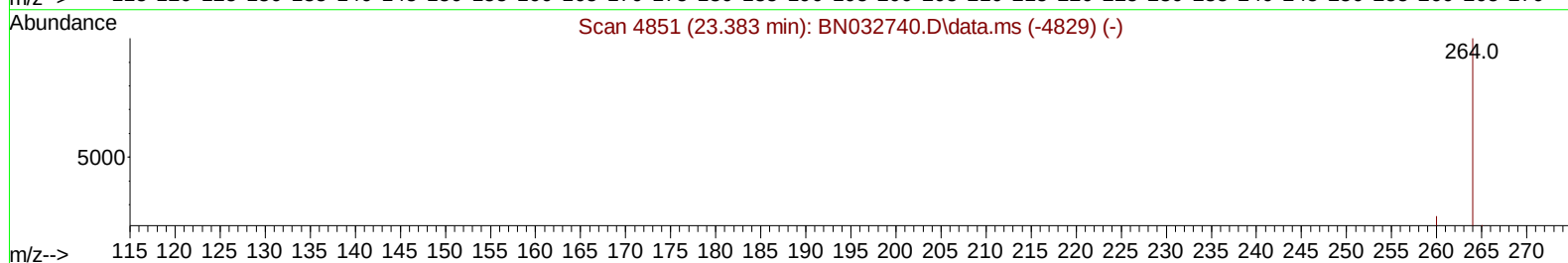
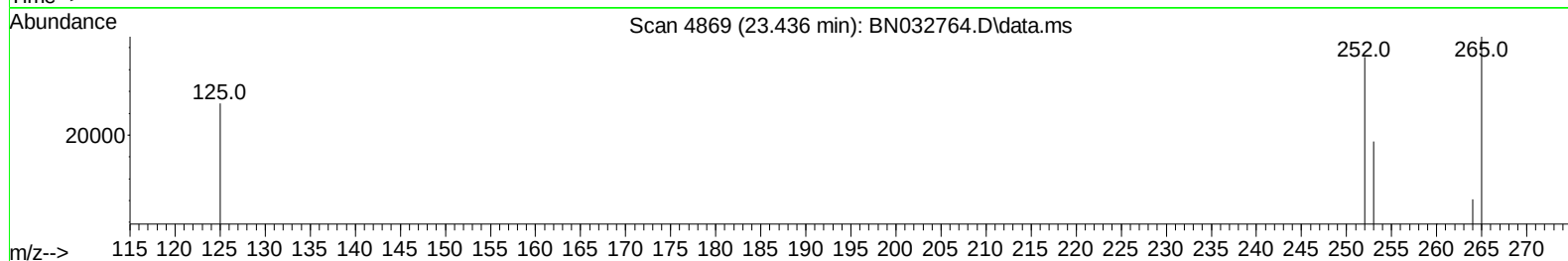
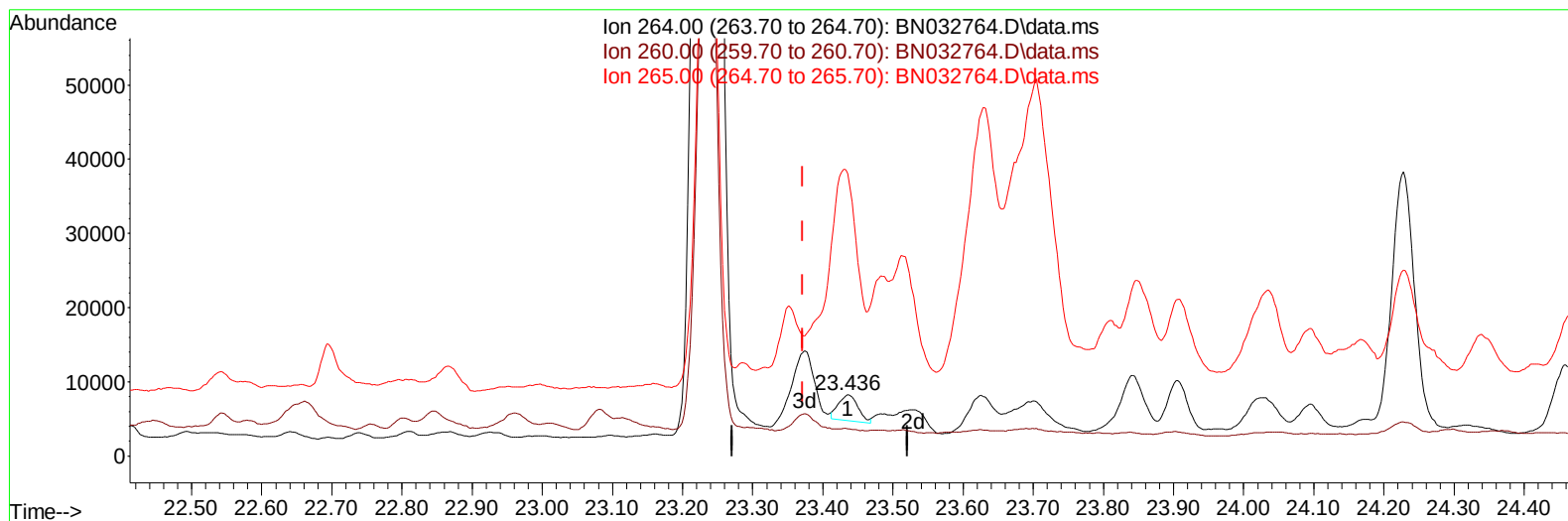
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(23) Perylene-d12 (I)

23.436min (+ 0.064) 0.40 ng/u1

response 6697

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	44.45#
265.00	95.50	459.60#
0.00	0.00	0.00

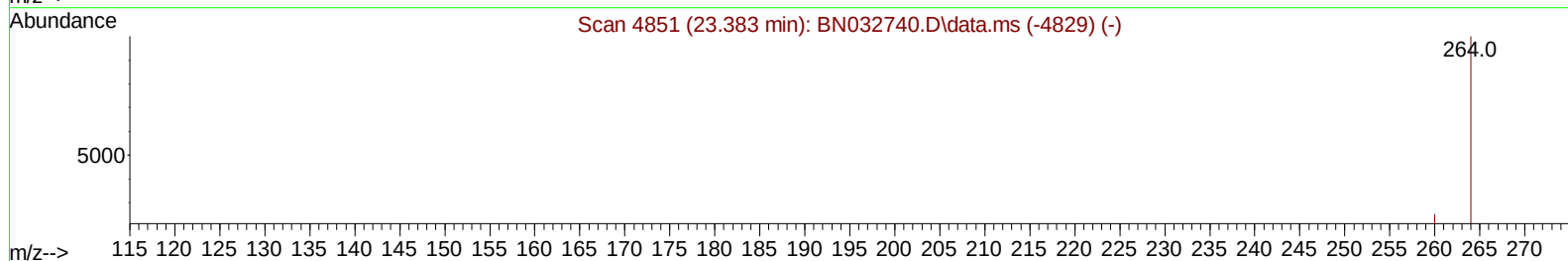
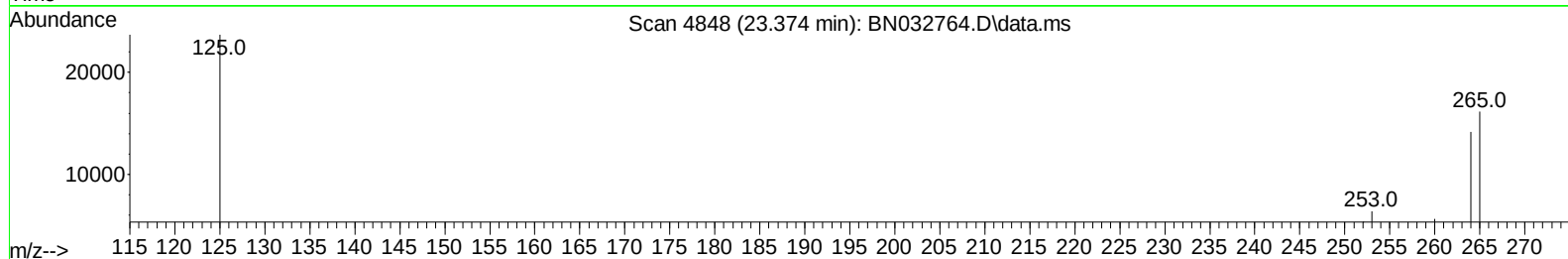
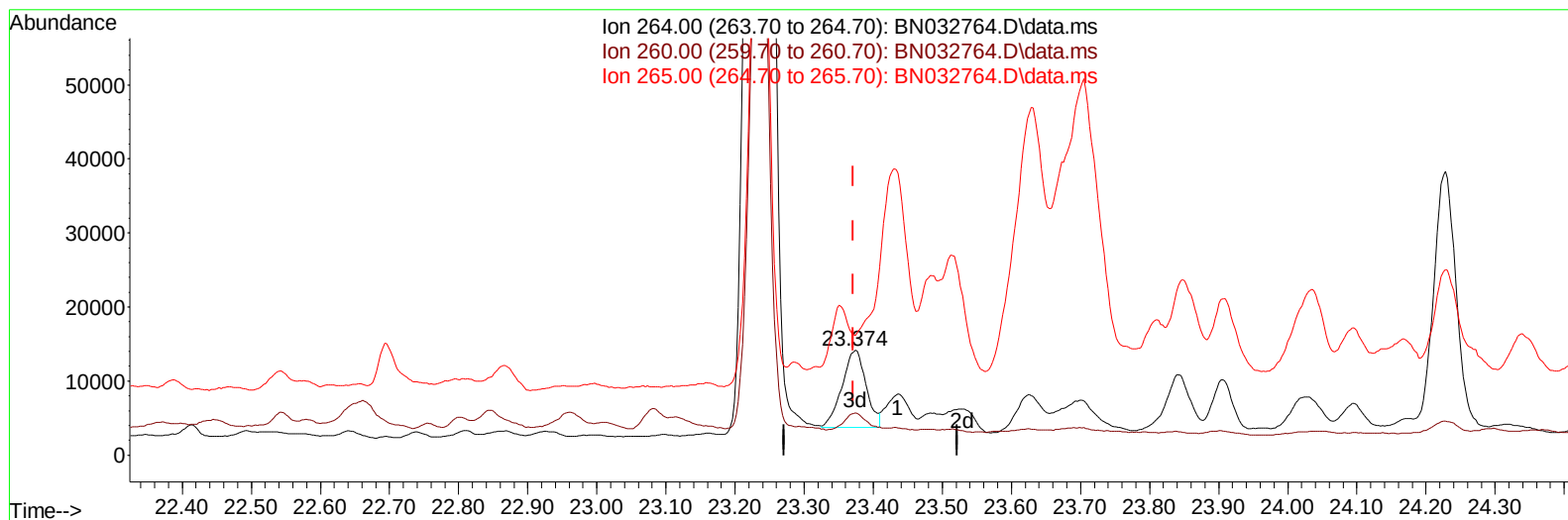
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(23) Perylene-d12 (I)

23.374min (+ 0.003) 0.40 ng/ul m

response 25220

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	40.04#
265.00	95.50	114.13
0.00	0.00	0.00

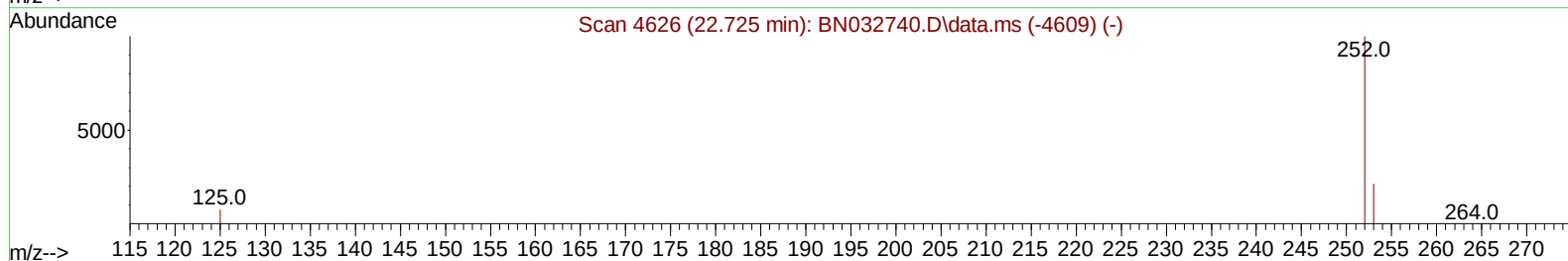
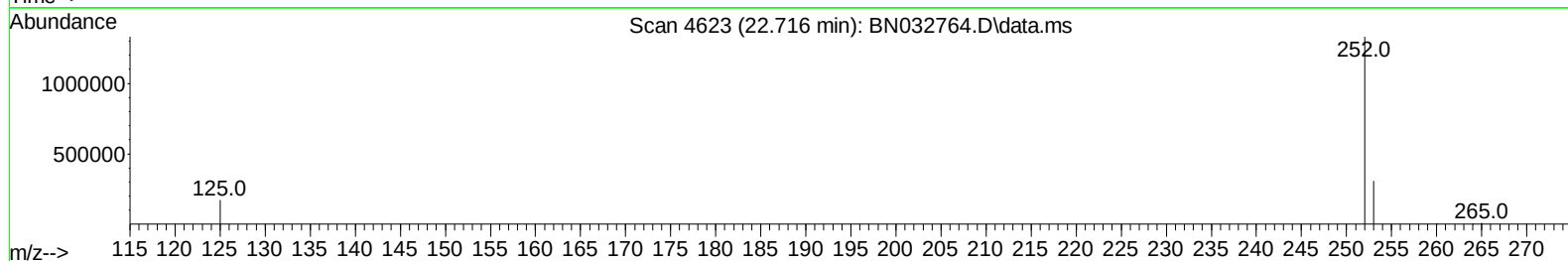
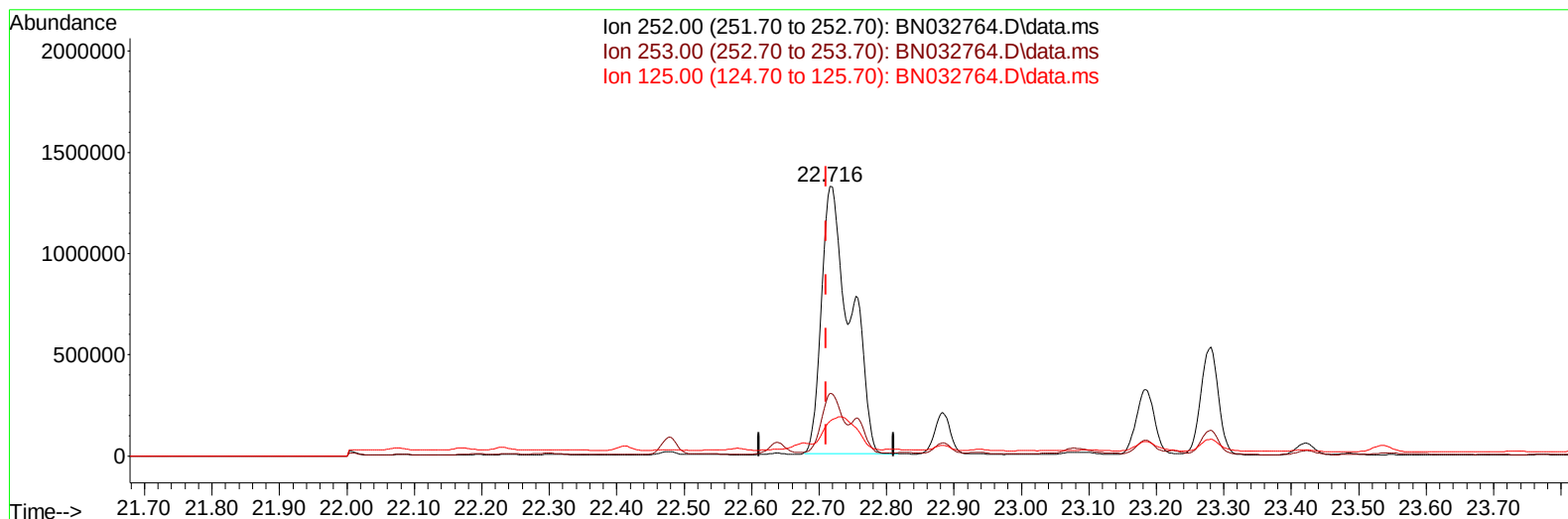
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032764.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (+ 0.006) 44.42 ng/ul

response 3952422

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.17
125.00	18.00	12.96
0.00	0.00	0.00

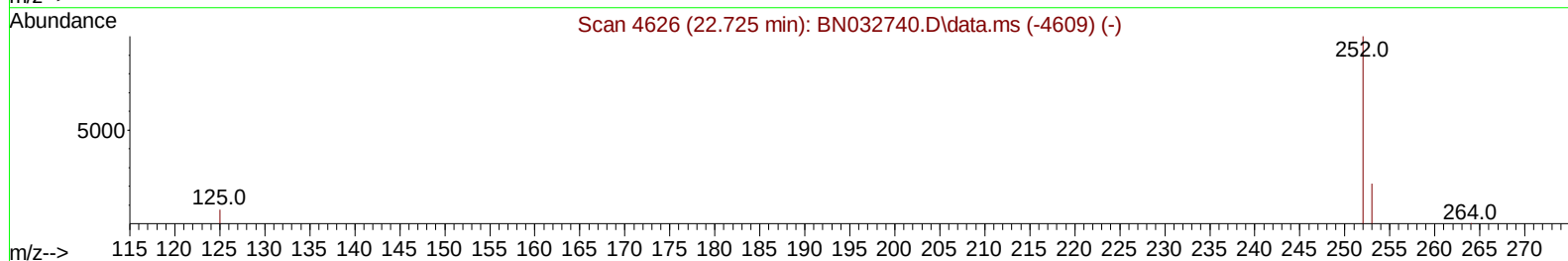
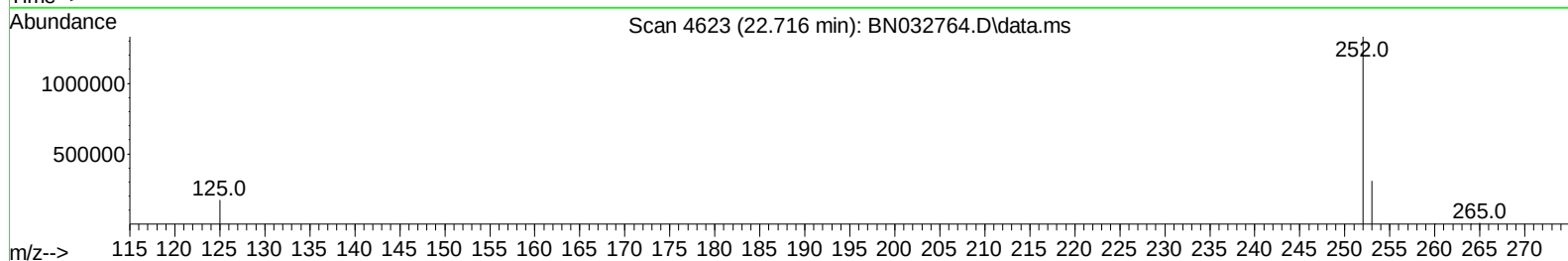
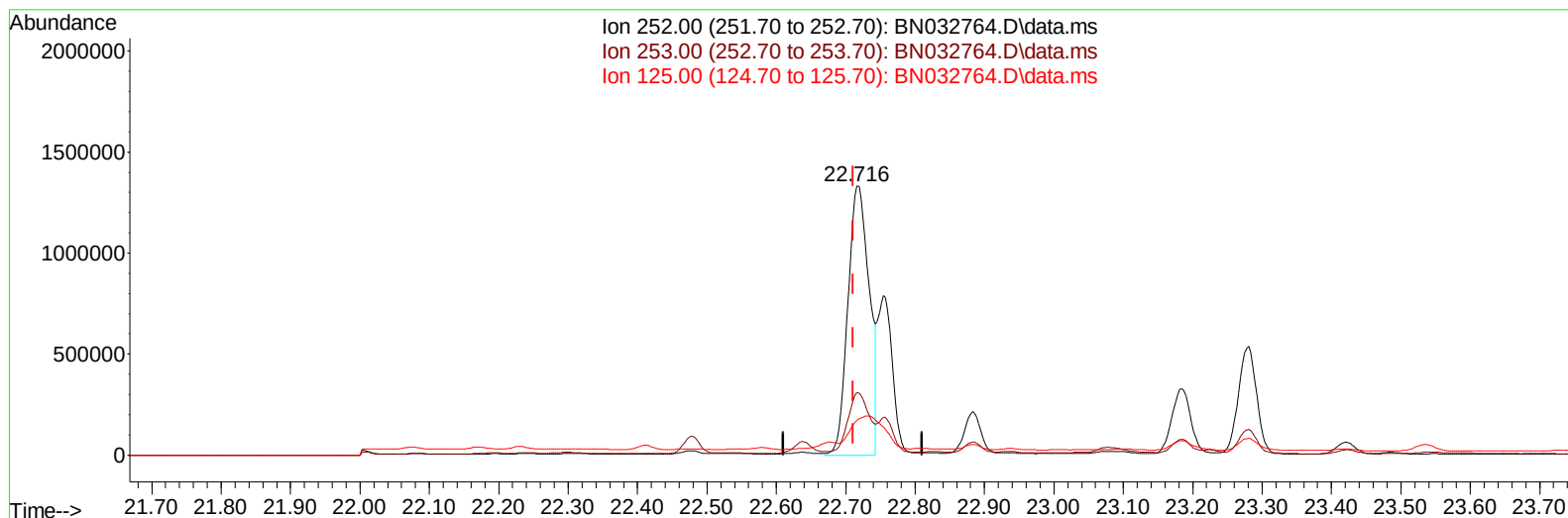
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (+ 0.006) 32.21 ng/ul m

response 2866052

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.17
125.00	18.00	12.96
0.00	0.00	0.00

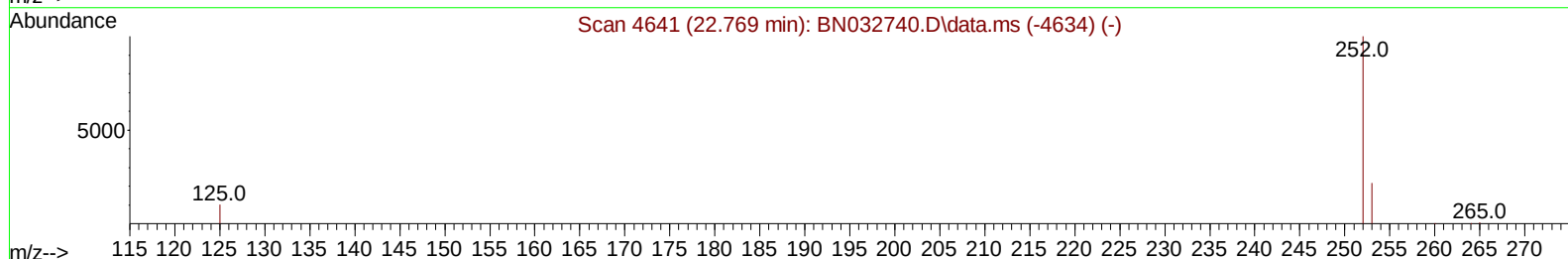
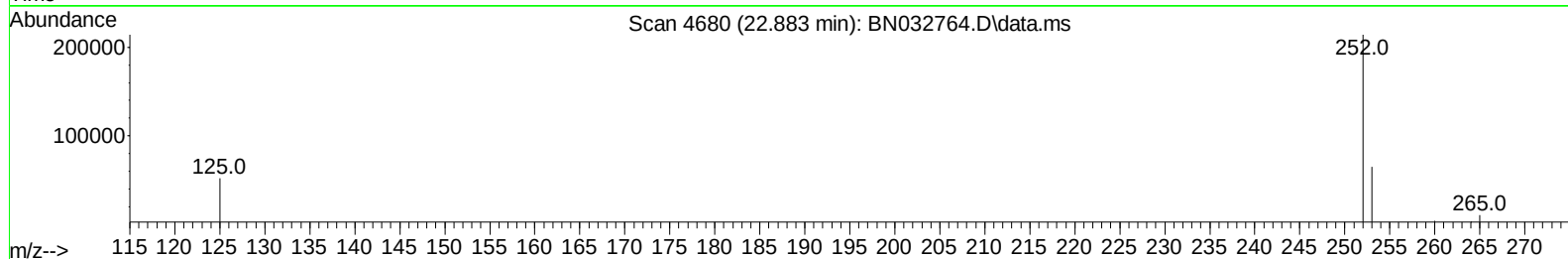
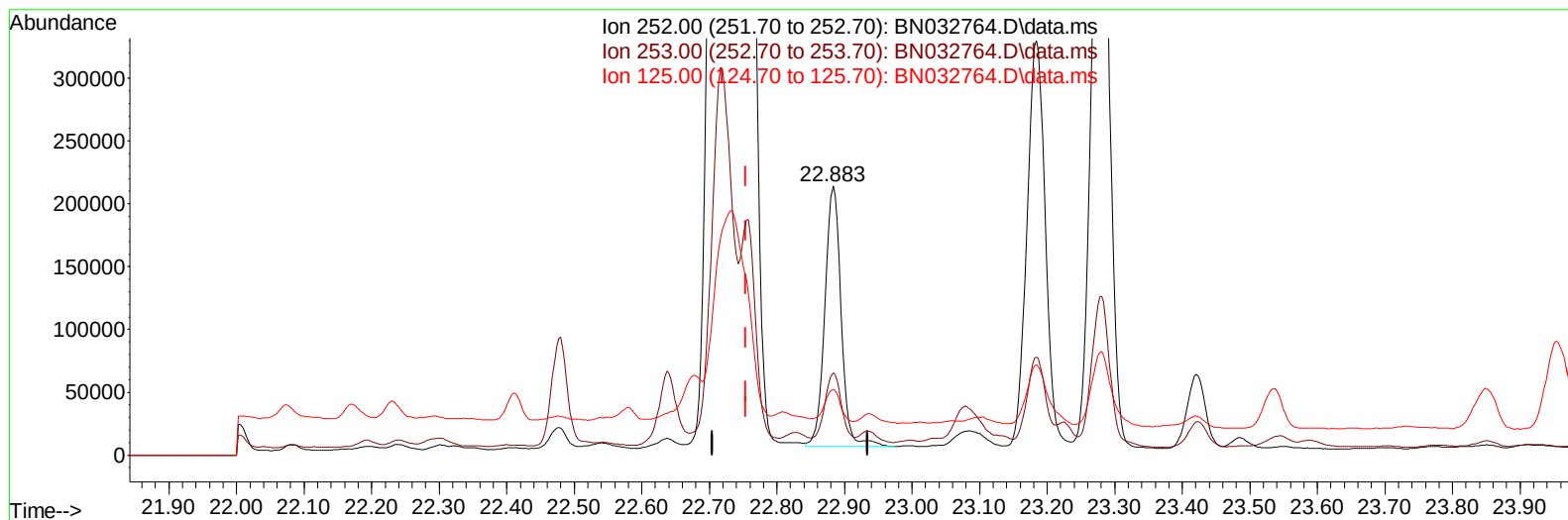
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(25) Benzo(k)fluoranthene

22.883min (+ 0.129) 3.22 ng/u1

response 348924

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.57
125.00	18.50	24.38#
0.00	0.00	0.00

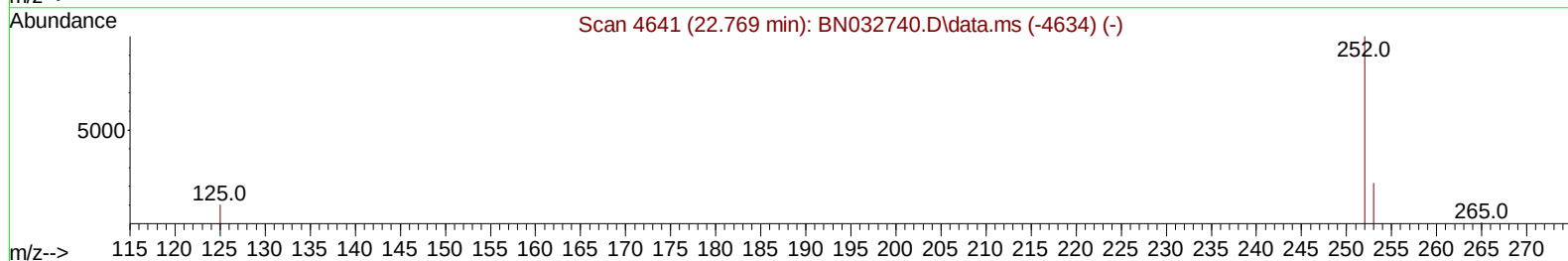
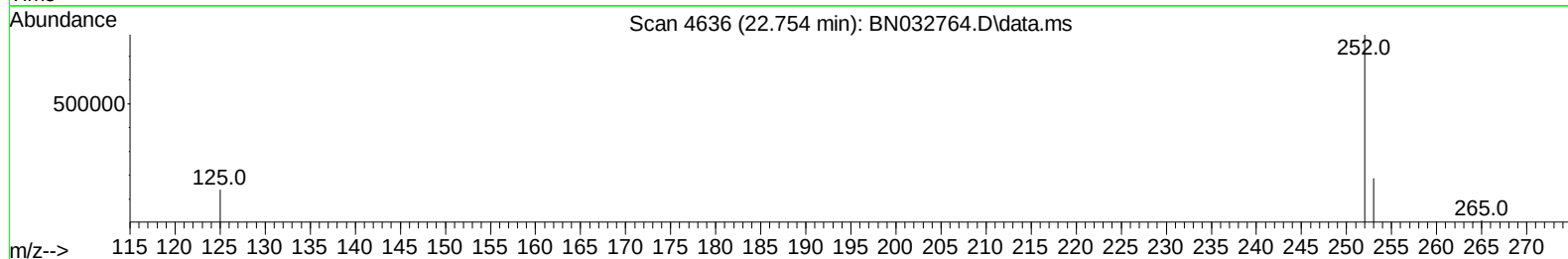
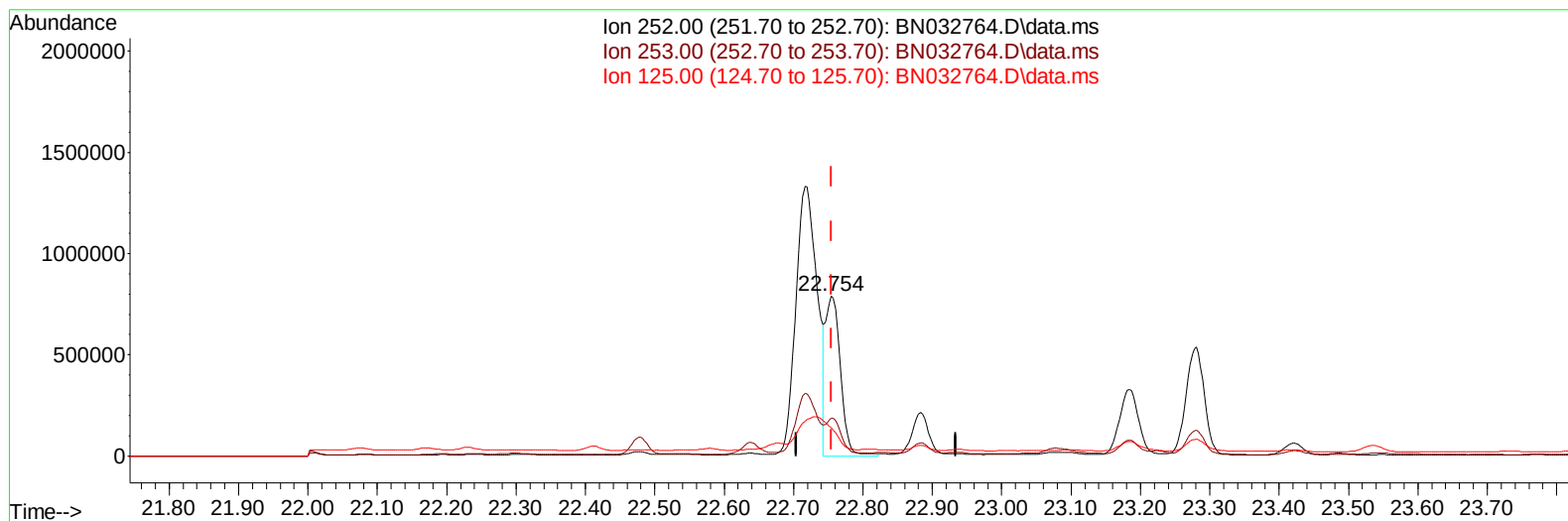
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(25) Benzo(k)fluoranthene

22.754min (-0.000) 10.87 ng/ul m

response 1178418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.64
125.00	18.50	17.74
0.00	0.00	0.00

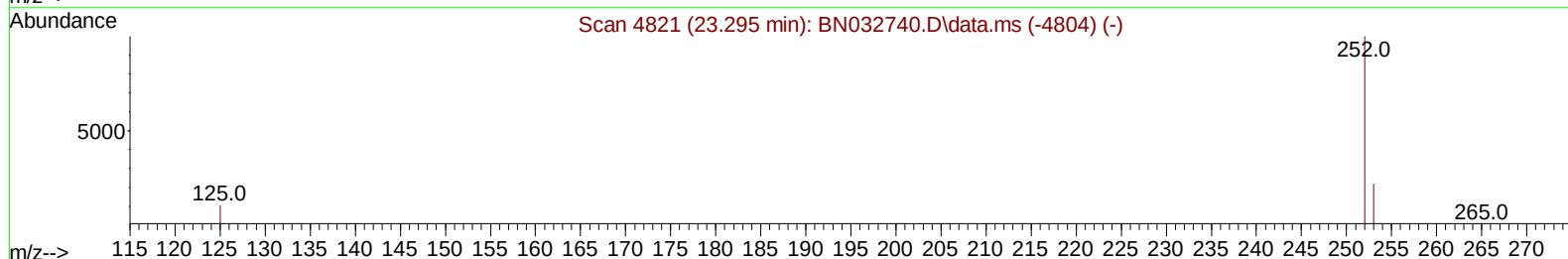
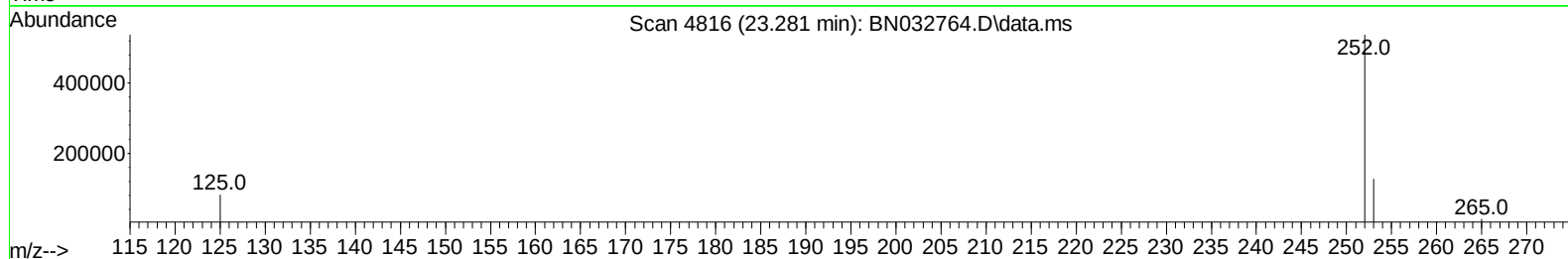
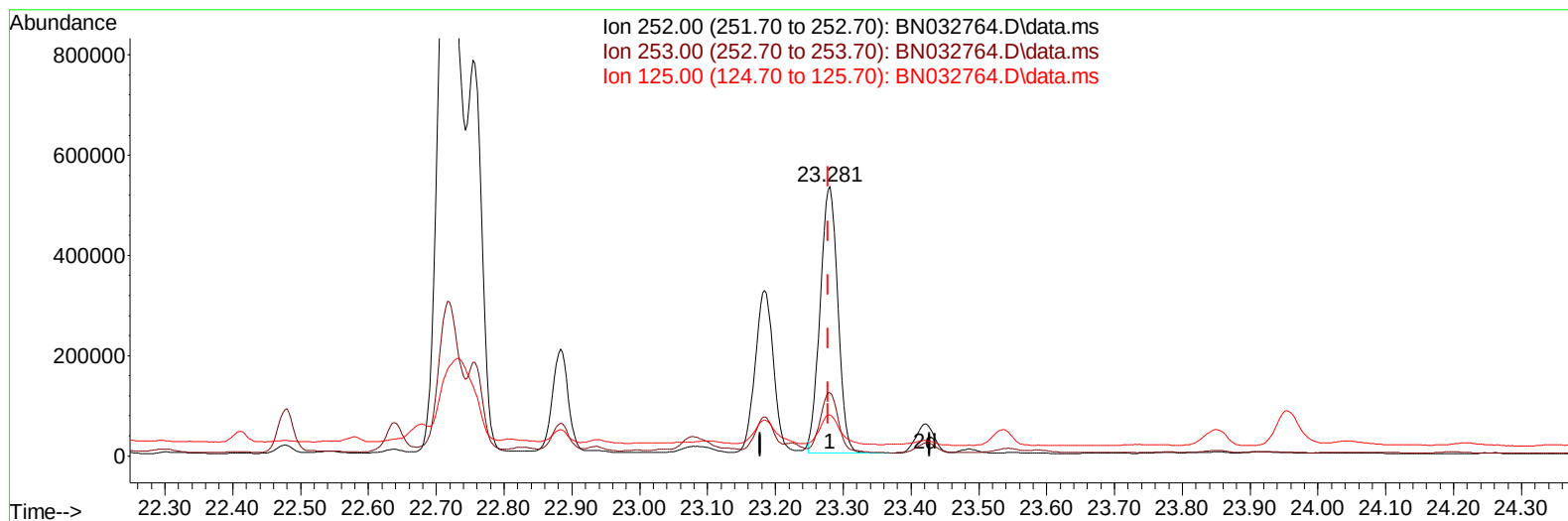
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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: BN032764.D\data.ms

(26) Benzo(a)pyrene (C)

23.281min (+ 0.003) 12.54 ng/ul

response 965616

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.57#
125.00	25.70	15.34#
0.00	0.00	0.00

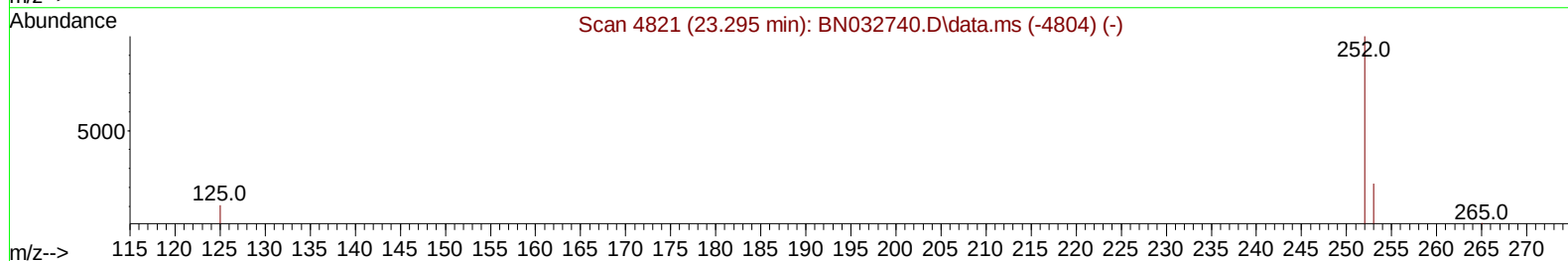
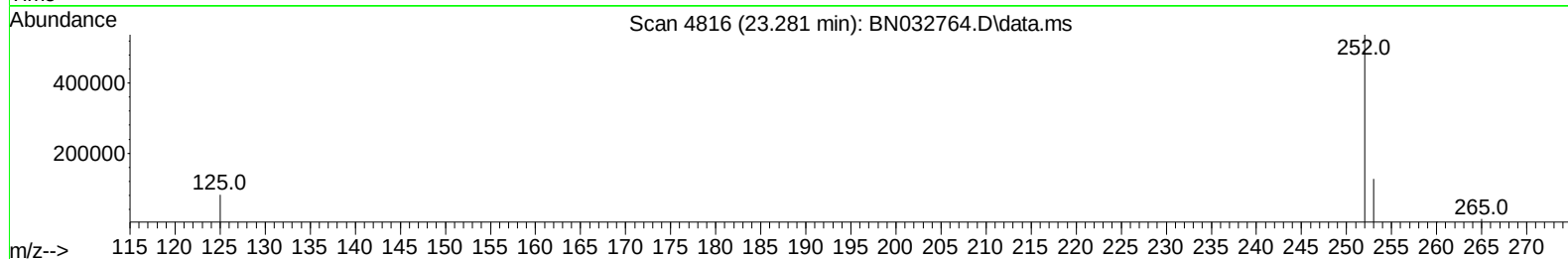
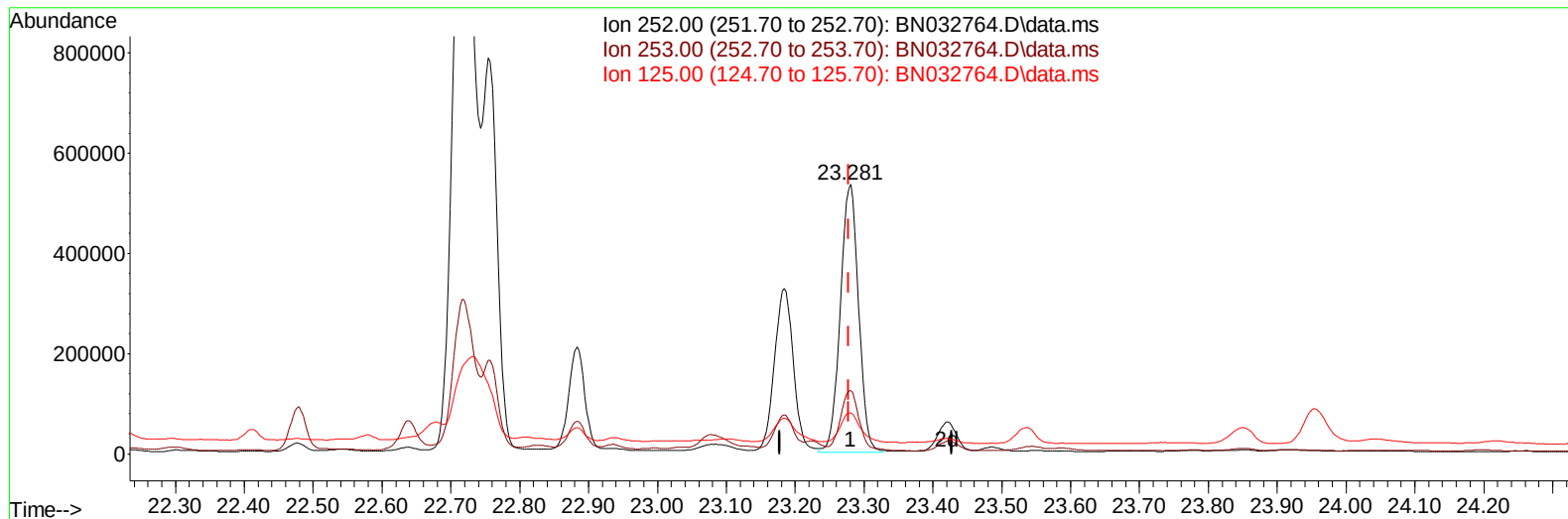
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

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TIC: BN032764.D\data.ms

(26) Benzo(a)pyrene (C)

23.281min (+ 0.003) 12.76 ng/ul m

response 982714

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.57#
125.00	25.70	15.34#
0.00	0.00	0.00

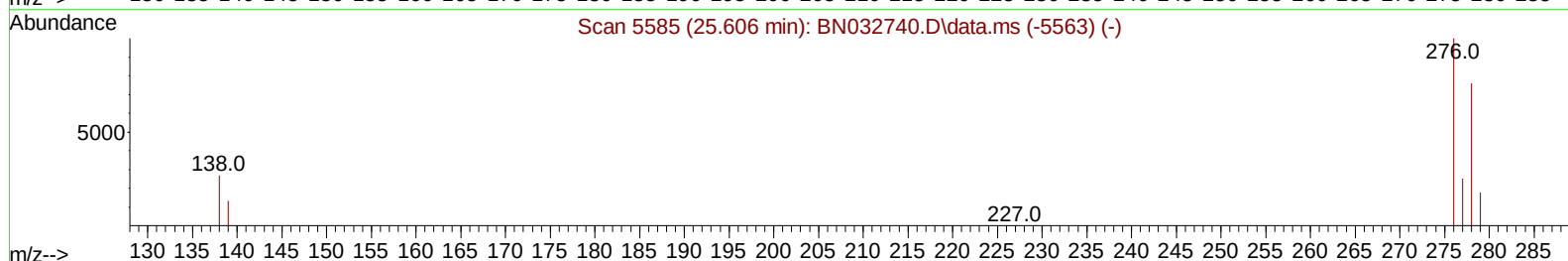
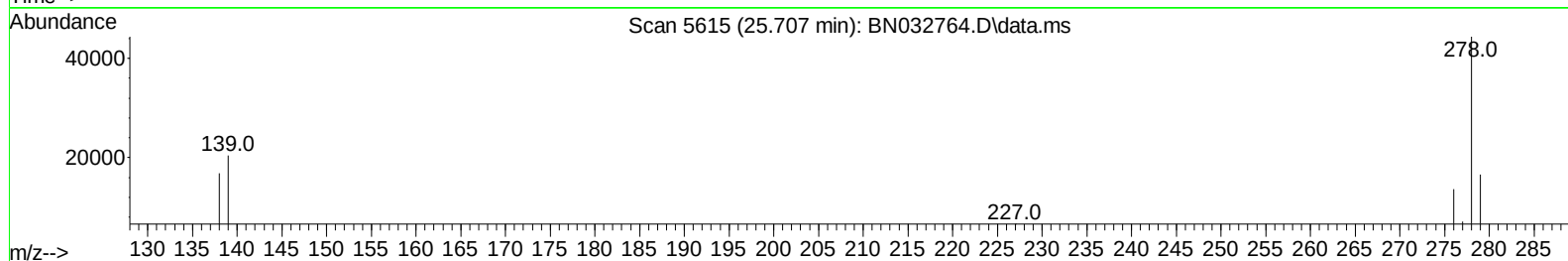
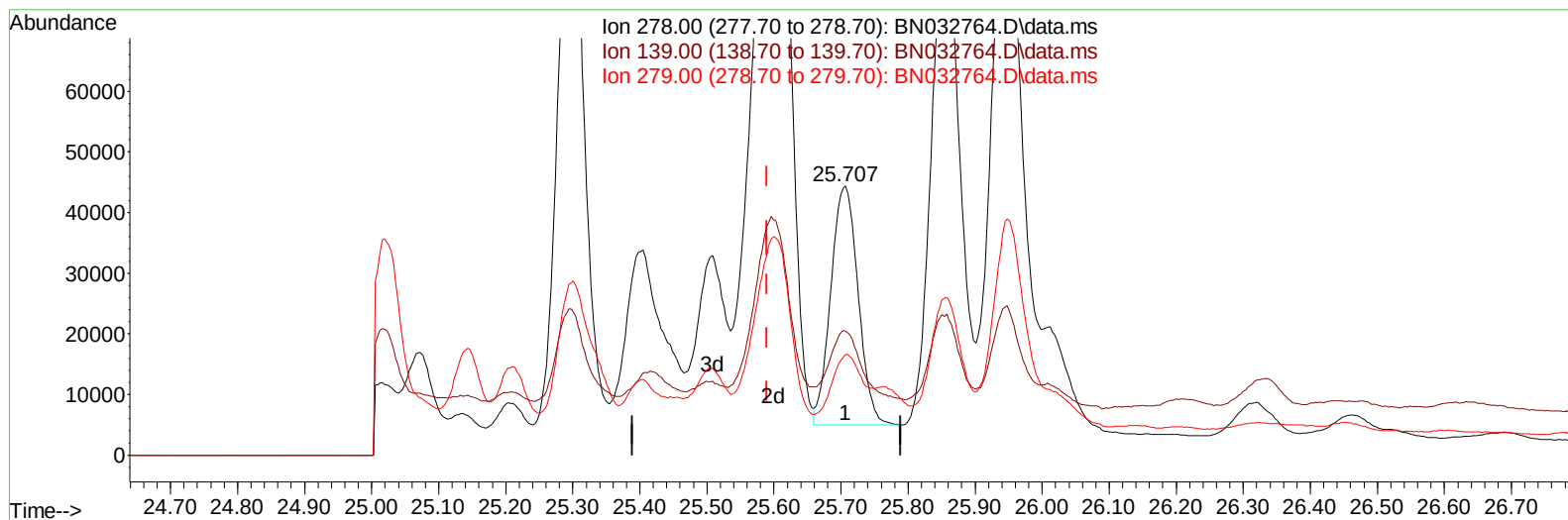
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 2024
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TIC: BN032764.D\data.ms

(28) Dibenzo(a,h)anthracene

25.707min (+ 0.117) 1.38 ng/u1

response 111462

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	46.10#
279.00	29.60	37.32#
0.00	0.00	0.00

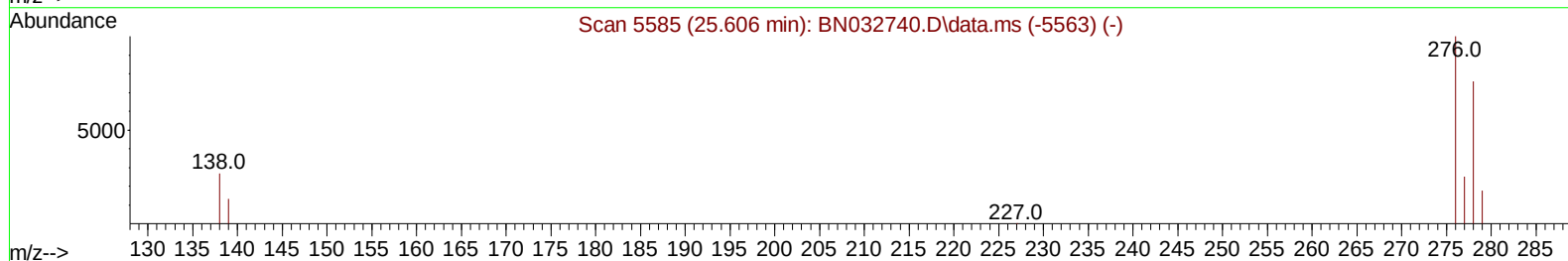
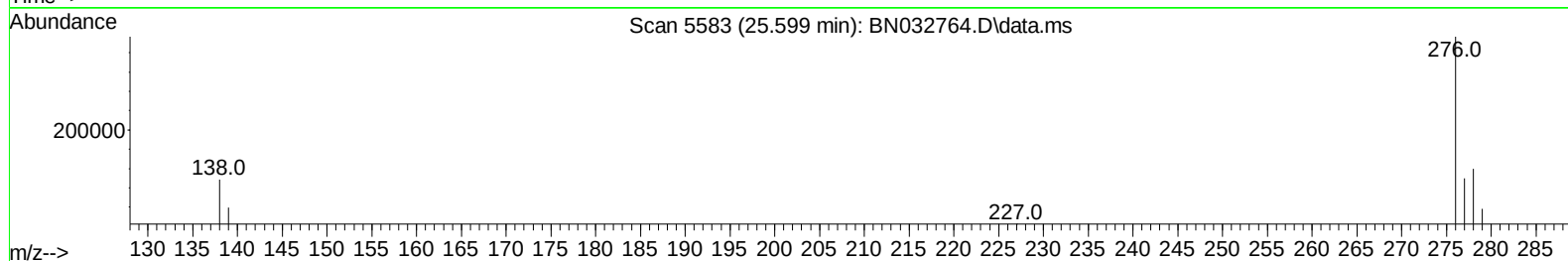
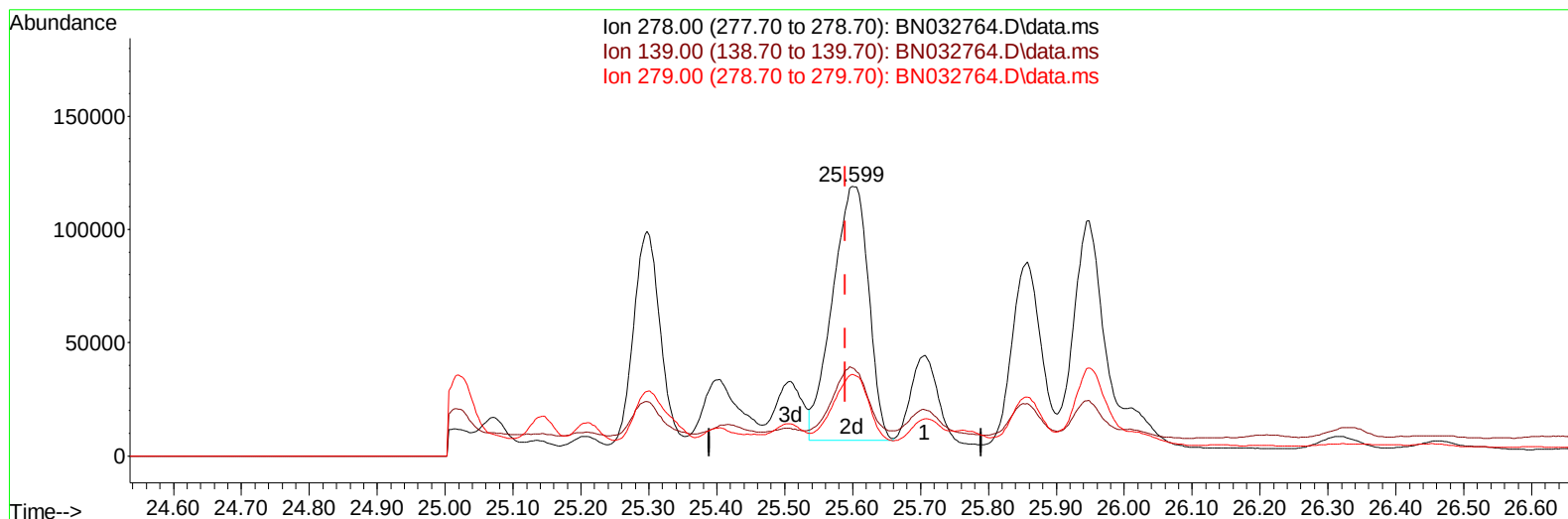
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
Sample : P3100-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52

Manual IntegrationsAPPROVED

Quant Time: Jul 17 06:14:31 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
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032764.D\data.ms

(28) Dibenzo(a,h)anthracene

25.599min (+ 0.010) 5.12 ng/ul m

response 413437

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	32.60#
279.00	29.60	30.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032764.D
 Acq On : 17 Jul 2024 05:45
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 06:14:31 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5119	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	16569	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	9106	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	20346m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.171	240	15409m	0.400	ng/ul	0.00
23) Perylene-d12	23.374	264	25220m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	24528	3.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	5854	0.234	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	14006m	0.279	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.360	128	35044	0.788	ng/ul	98
7) 2-Methylnaphthalene	11.988	142	14472	0.521	ng/ul	98
8) 1-Methylnaphthalene	12.208	142	10764	0.375	ng/ul	99
10) Acenaphthylene	13.911	152	146339	3.978	ng/ul	99
11) Acenaphthene	14.253	153	39532	1.299	ng/ul	99
12) Fluorene	15.252	166	53842	1.548	ng/ul	97
14) Pentachlorophenol	16.619	266	1314m	0.368	ng/ul	
15) Phenanthrene	16.995	178	1301259m	23.484	ng/ul	
16) Anthracene	17.084	178	292249m	6.456	ng/ul	
19) Fluoranthene	19.027	202	3375908m	53.885	ng/ul	
20) Pyrene	19.394	202	2385057m	36.779	ng/ul	
21) Benzo(a)anthracene	21.153	228	1530550m	31.205	ng/ul	
22) Chrysene	21.206	228	2076189m	29.260	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	2866052m	32.208	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	1178418m	10.867	ng/ul	
26) Benzo(a)pyrene	23.281	252	982714m	12.761	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.603	276	1198441	11.493	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.599	278	413437m	5.115	ng/ul	
29) Benzo(g,h,i)perylene	26.290	276	177036	2.031	ng/ul#	84

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

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Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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