

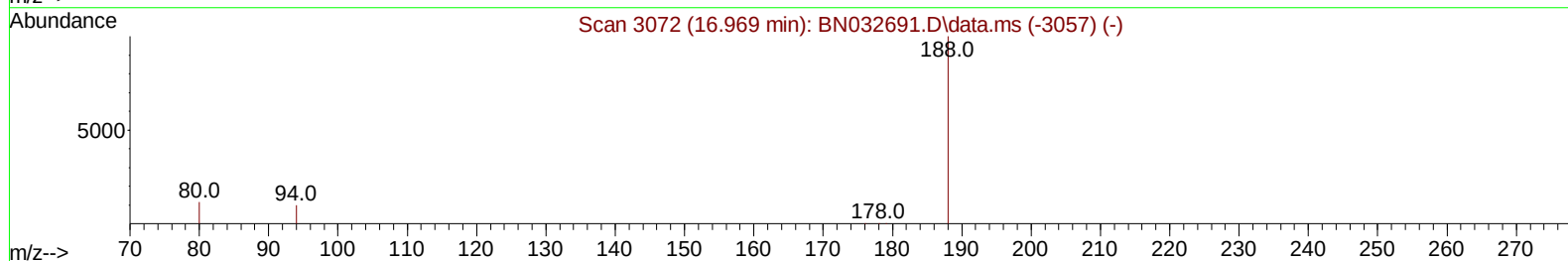
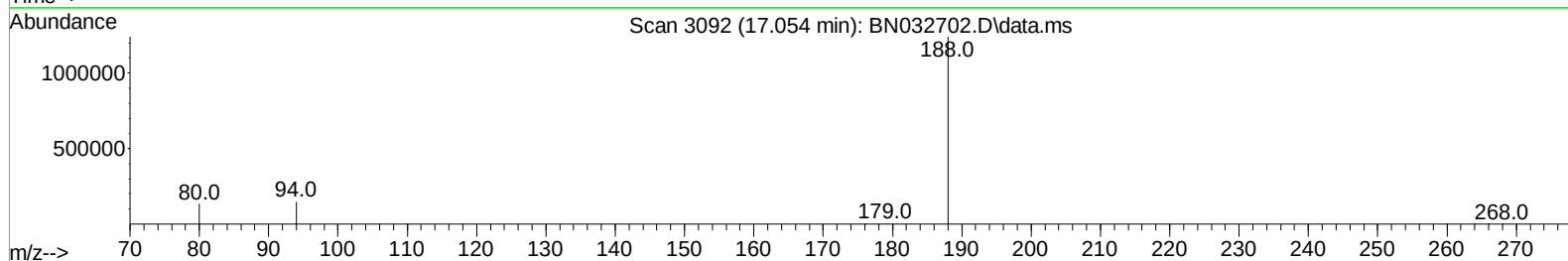
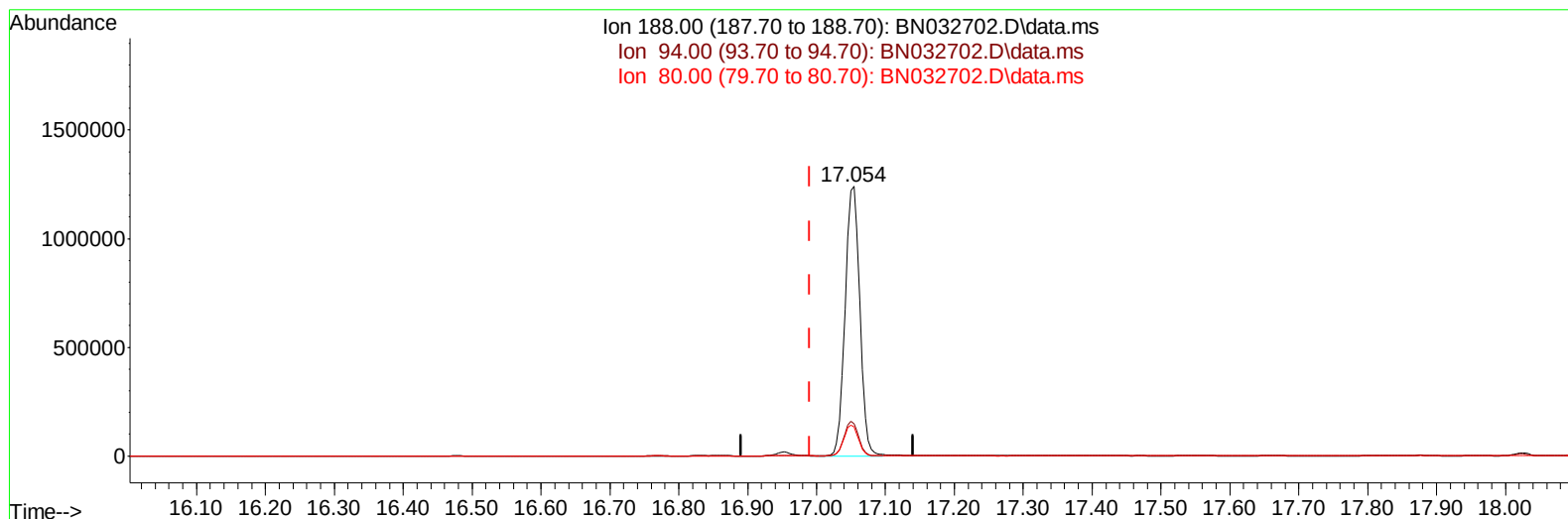
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(13) Phenanthrene-d10 (I)

17.054min (+ 0.063) 0.40 ng/u1

response 1830549

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.00
80.00	12.00	10.77
0.00	0.00	0.00

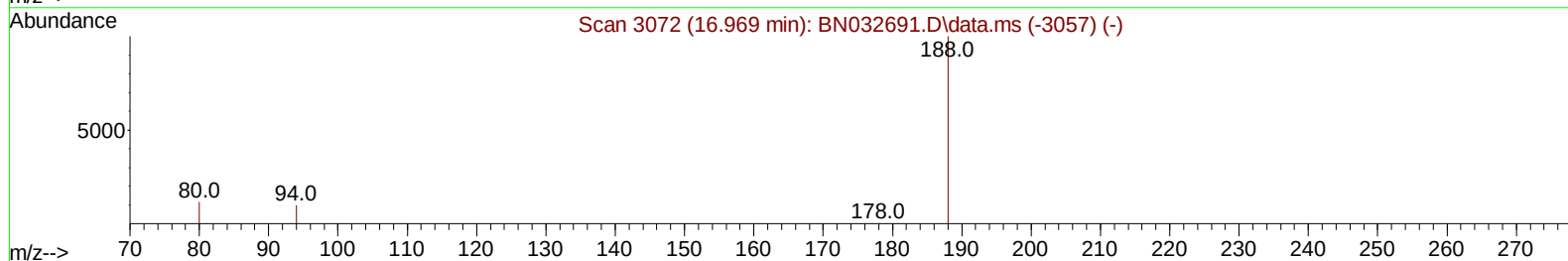
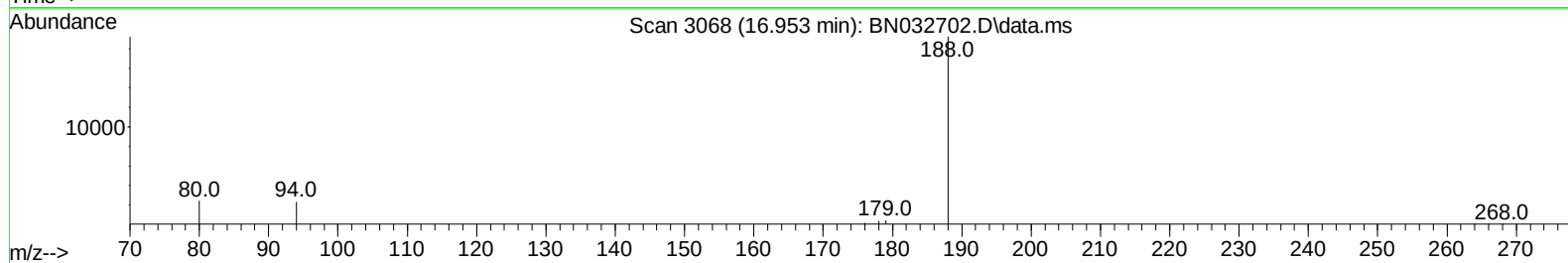
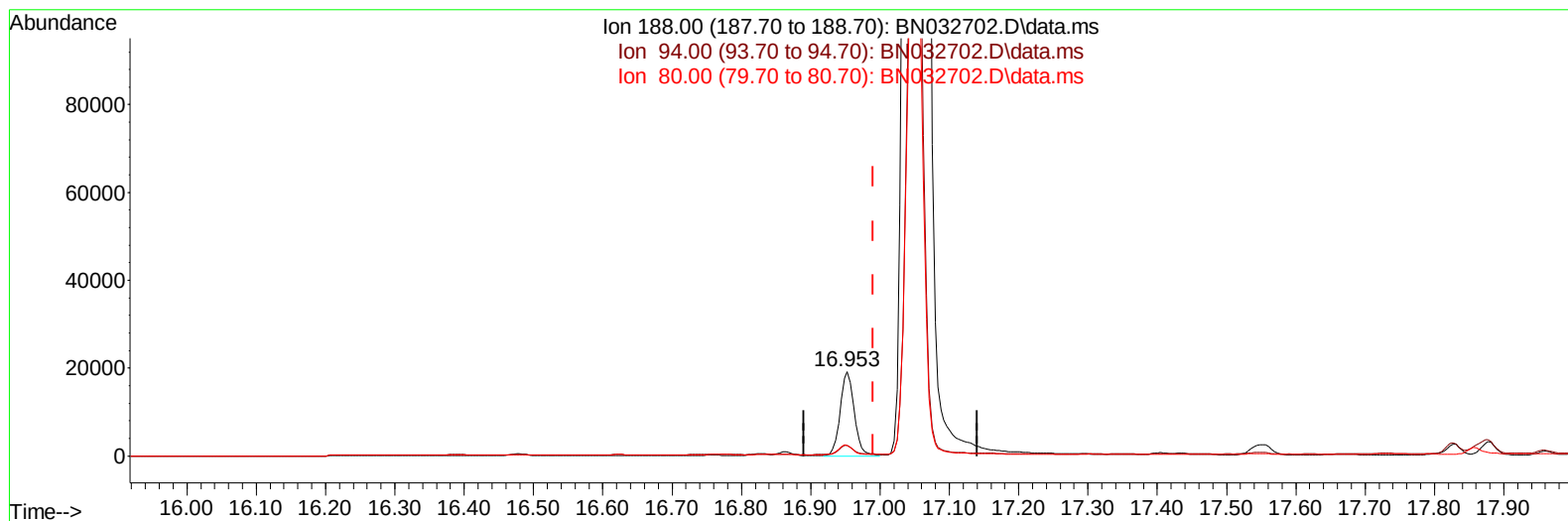
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(13) Phenanthrene-d10 (I)

16.953min (-0.038) 0.40 ng/ul m

response 27144

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.17
80.00	12.00	12.76
0.00	0.00	0.00

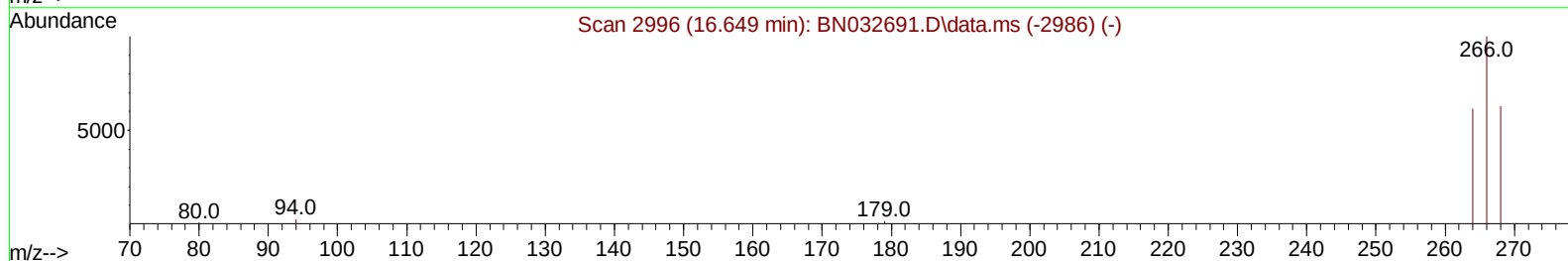
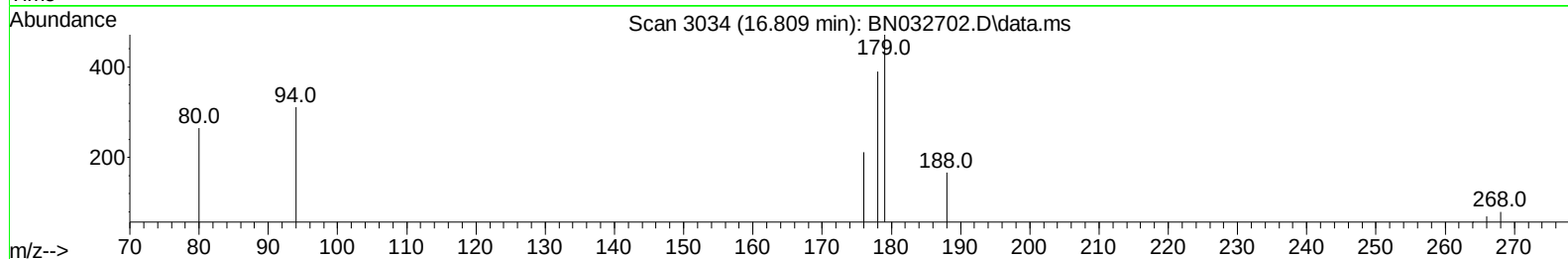
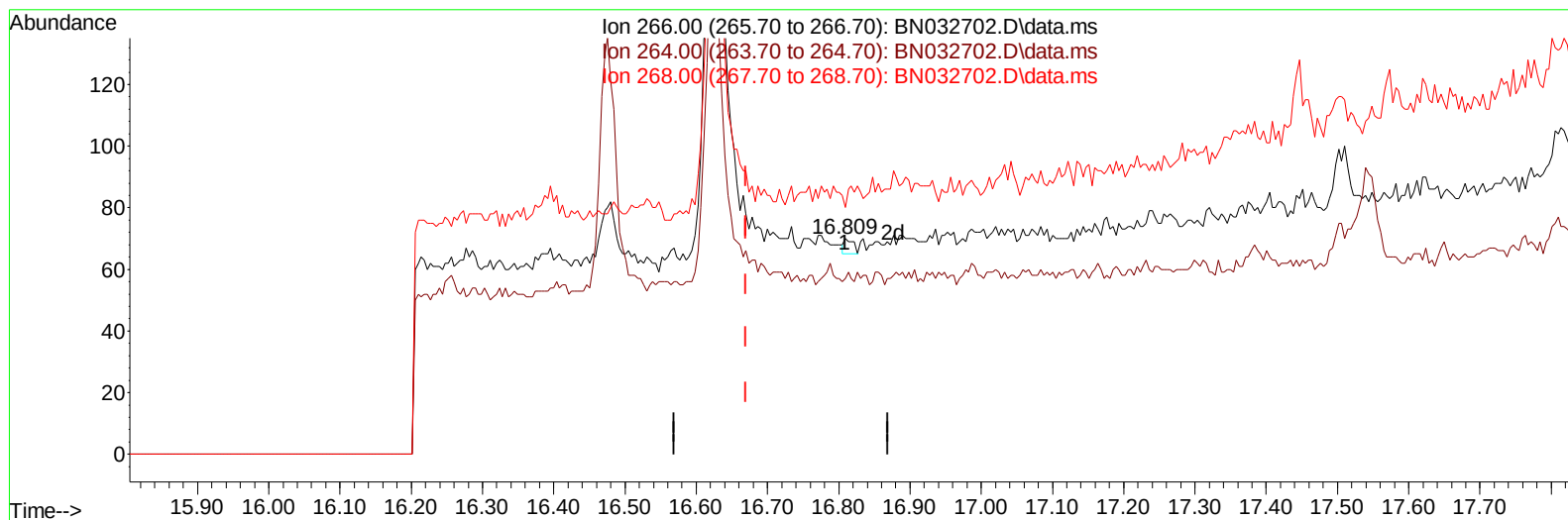
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(14) Pentachlorophenol

16.809min (+ 0.139) 0.00 ng/ul

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	75.00#
268.00	64.50	200.00#
0.00	0.00	0.00

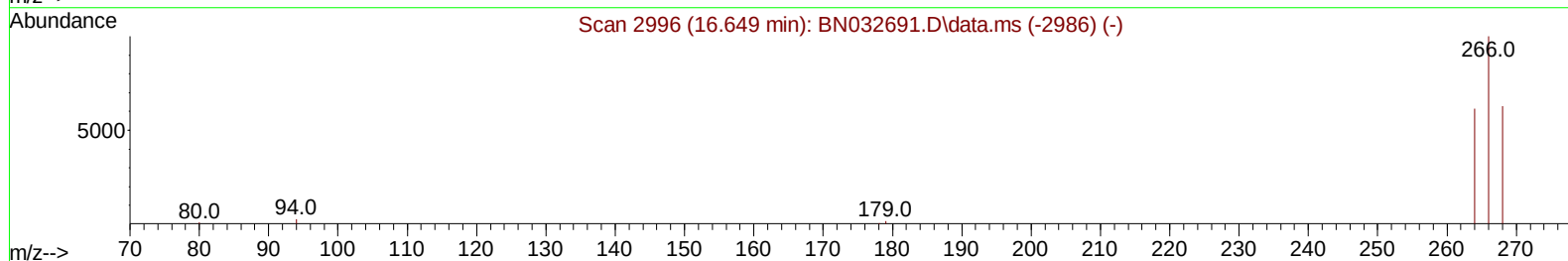
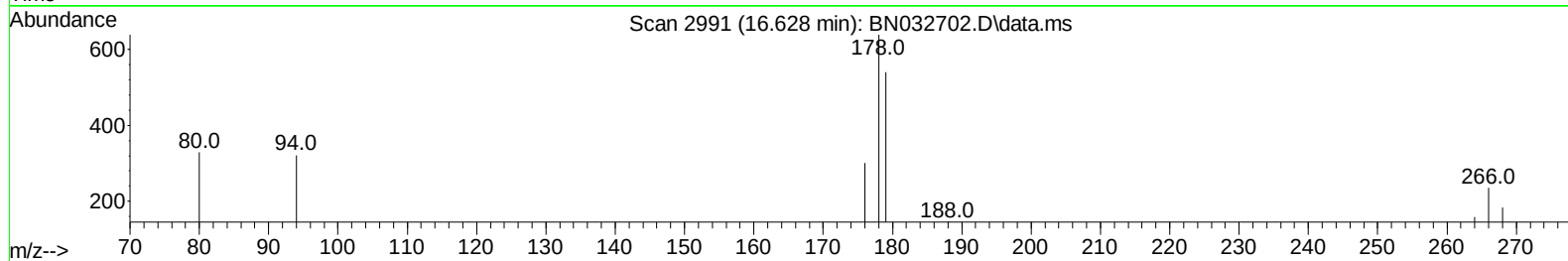
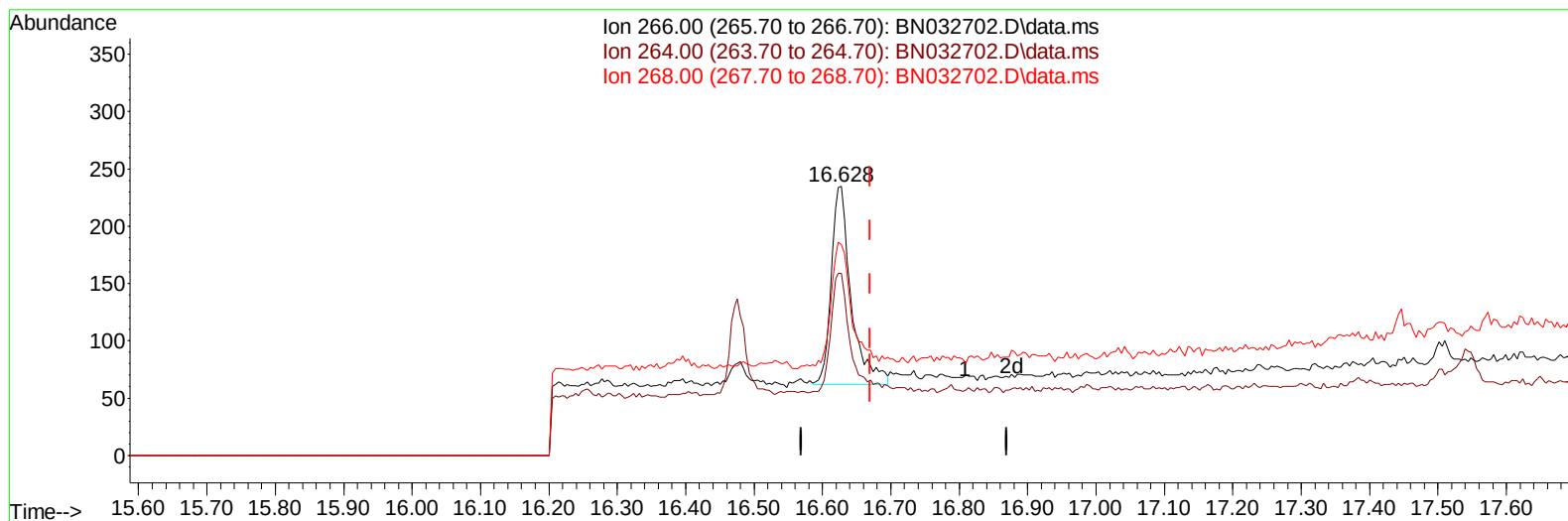
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(14) Pentachlorophenol

16.628min (-0.042) 0.07 ng/ul m

response 348

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.86#
268.00	64.50	2.30#
0.00	0.00	0.00

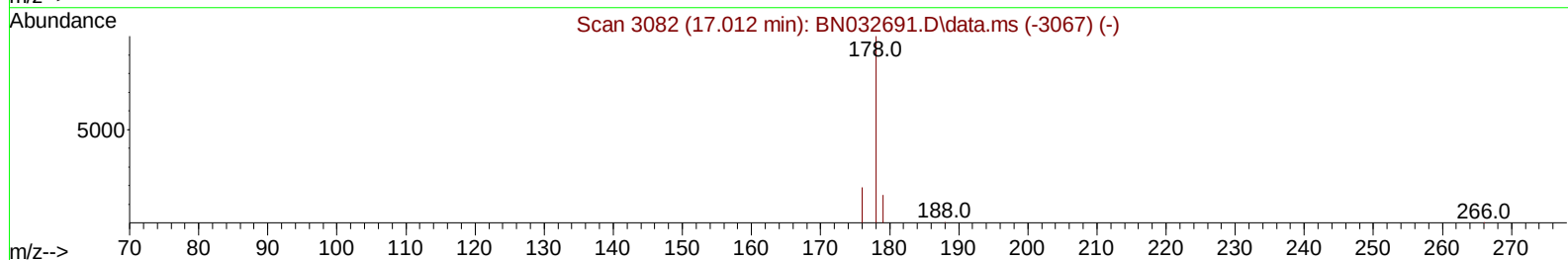
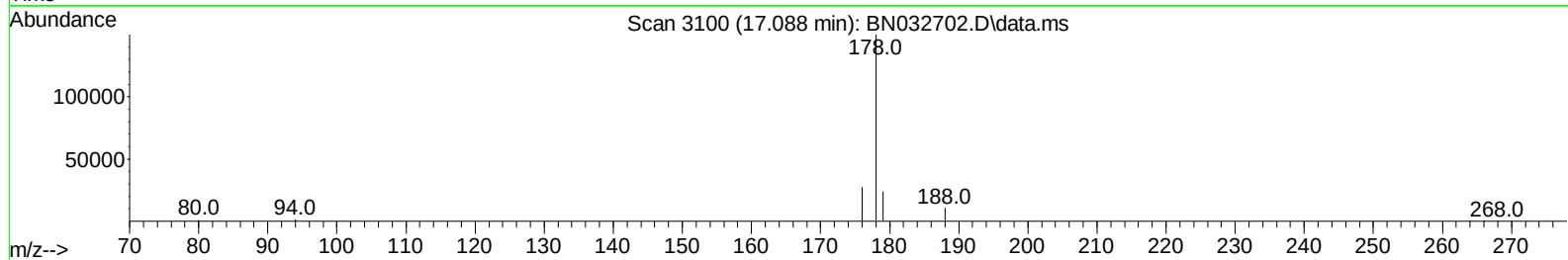
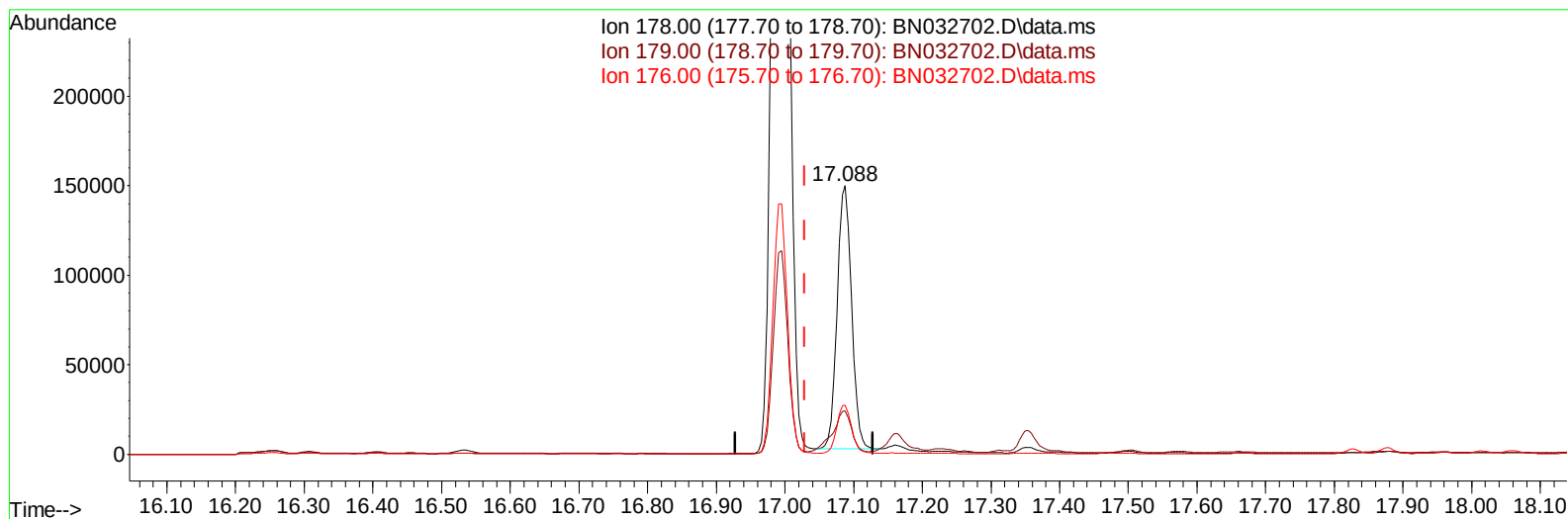
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(15) Phenanthrene

17.088min (+ 0.059) 2.90 ng/u1

response 214495

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.11
176.00	19.50	18.30
0.00	0.00	0.00

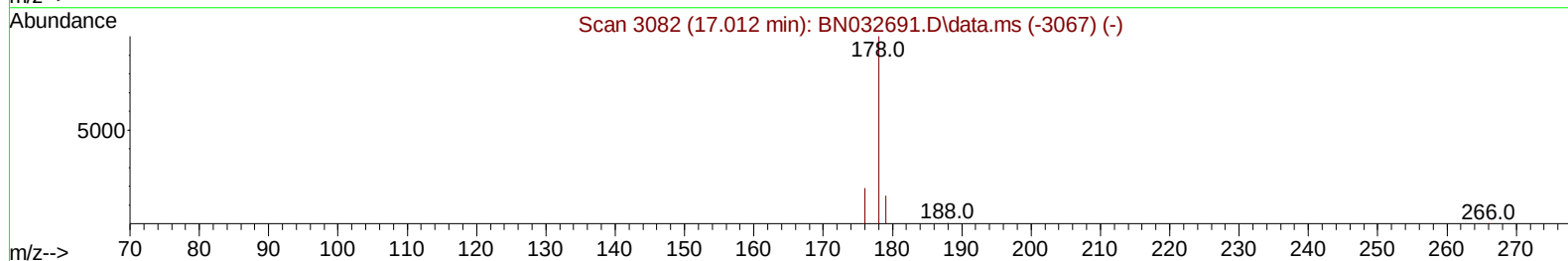
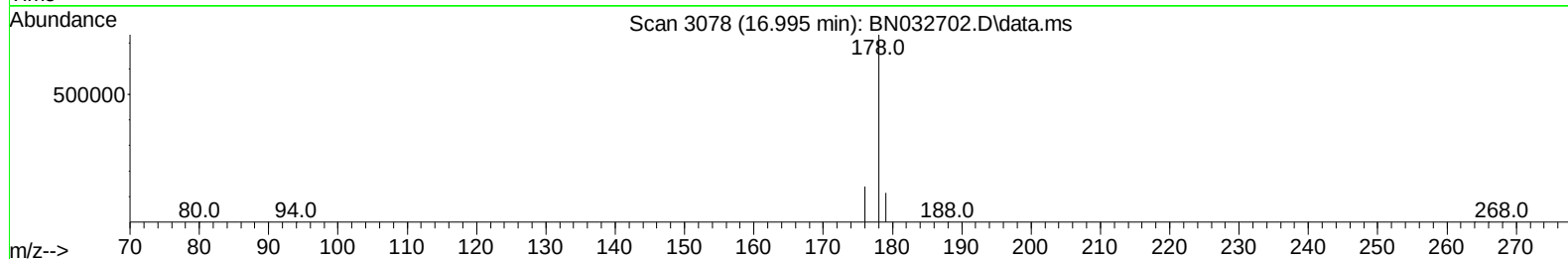
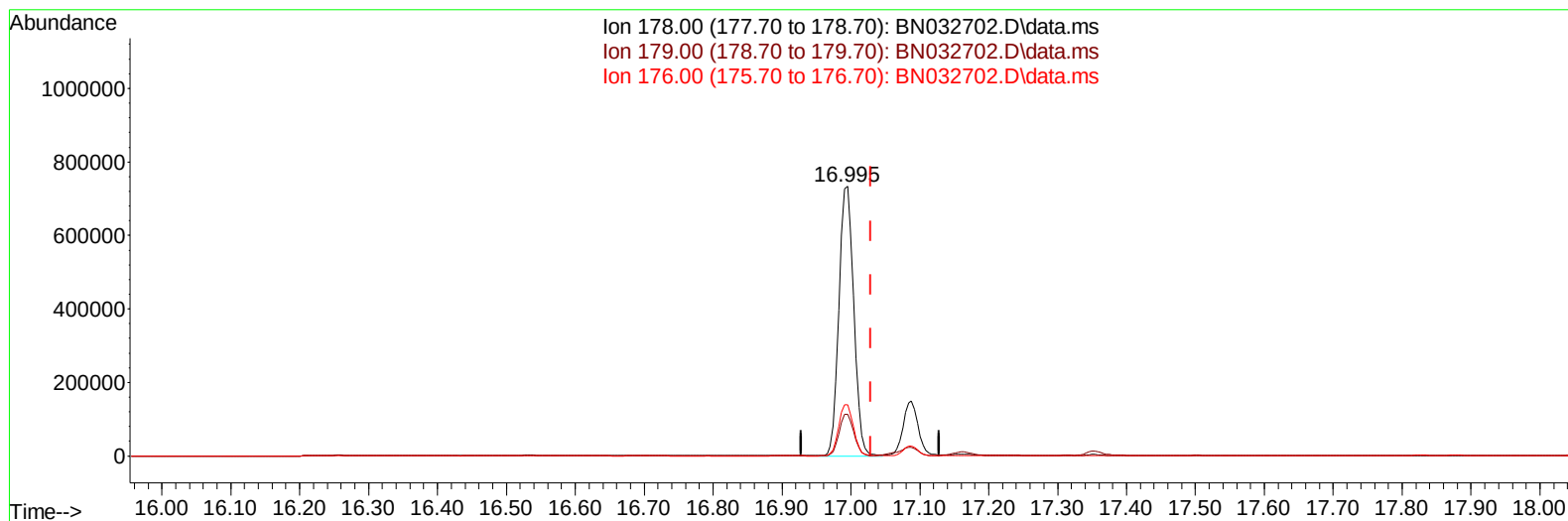
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(15) Phenanthrene

16.995min (-0.034) 14.87 ng/ul m

response 1098955

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.49
176.00	19.50	19.07
0.00	0.00	0.00

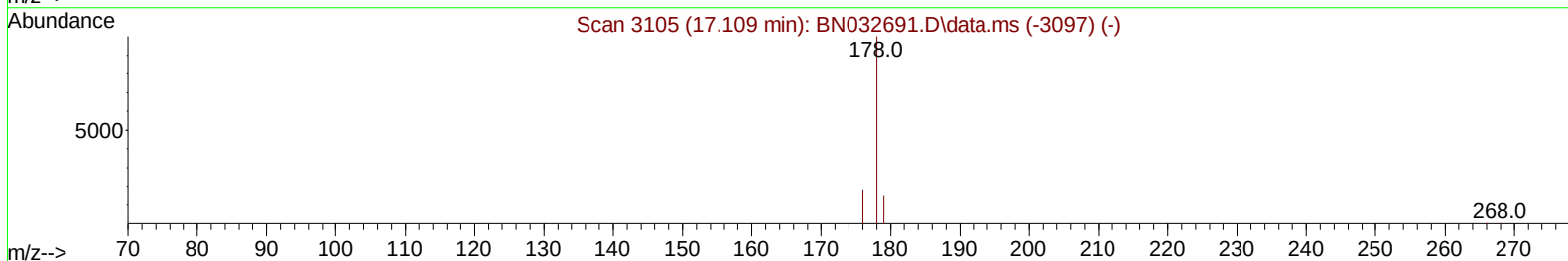
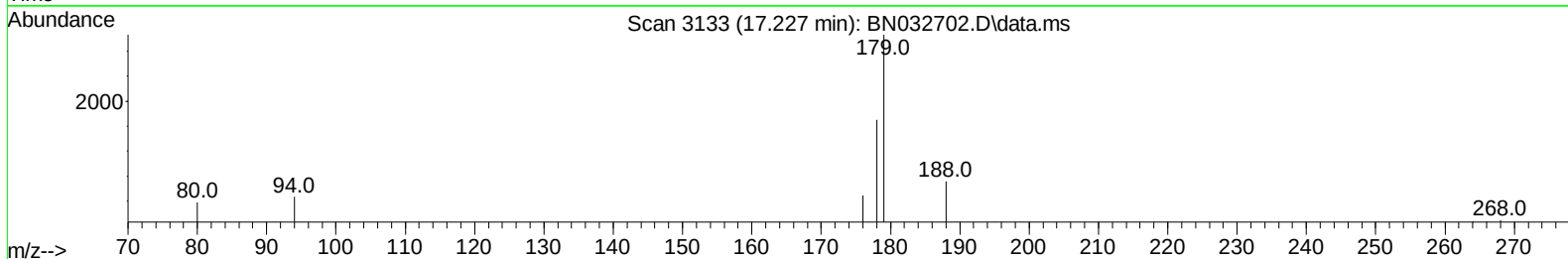
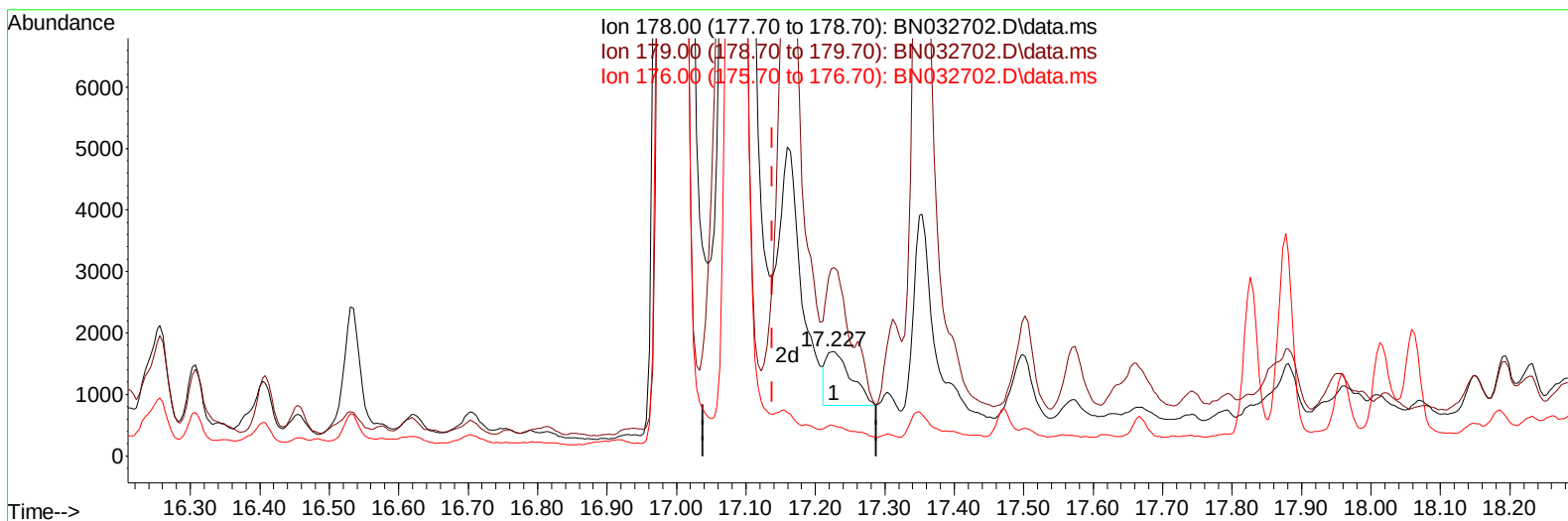
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(16) Anthracene

17.227min (+ 0.089) 0.04 ng/u1

response 2217

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	179.88#
176.00	19.20	28.80#
0.00	0.00	0.00

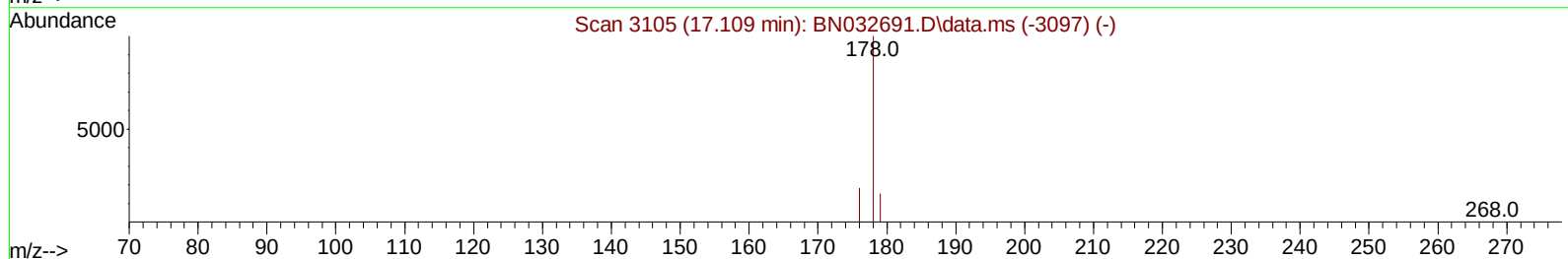
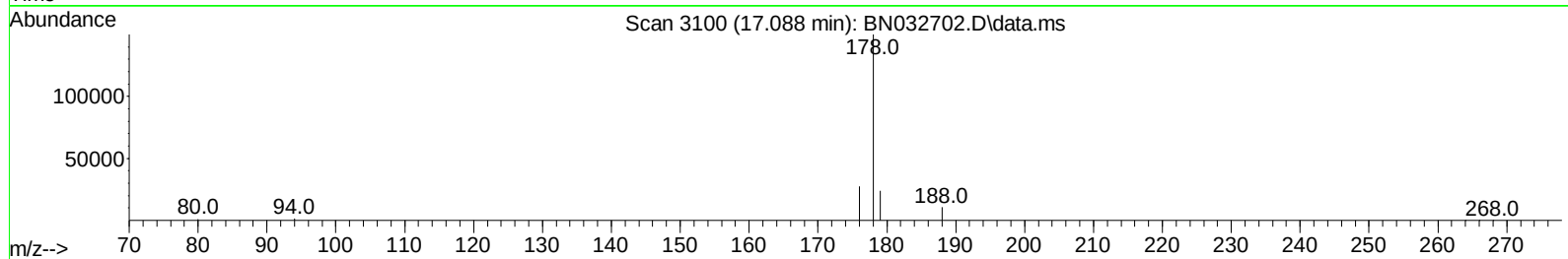
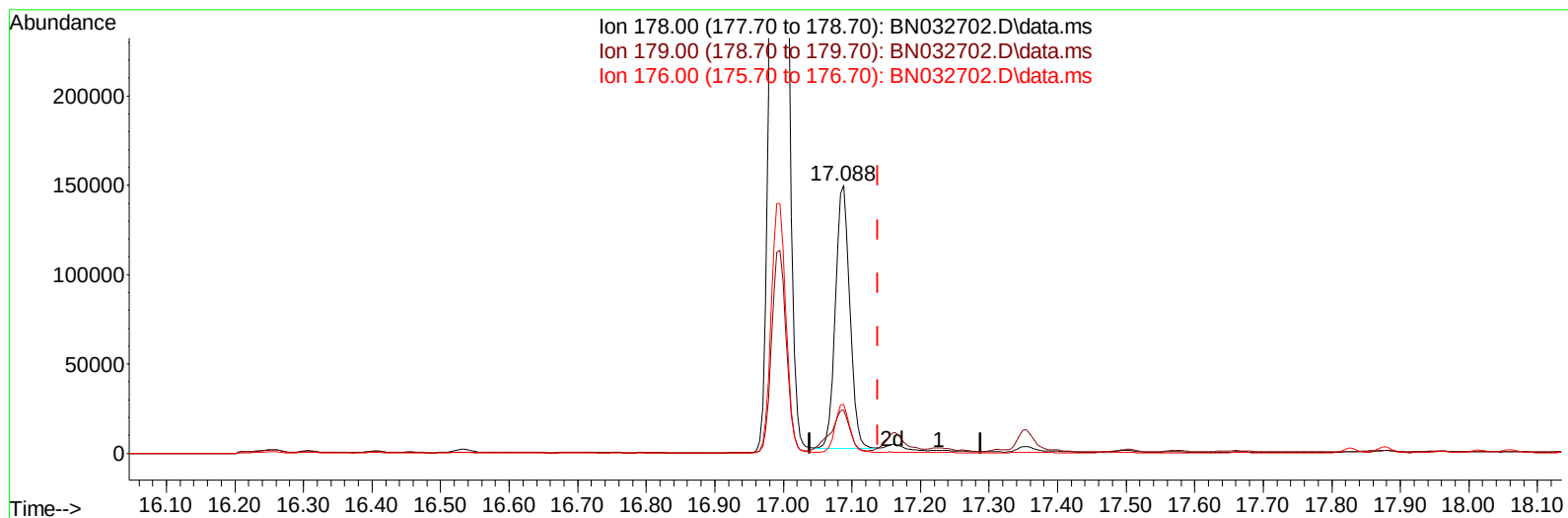
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(16) Anthracene

17.088min (-0.051) 3.56 ng/ul m

response 214973

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.11
176.00	19.20	18.30
0.00	0.00	0.00

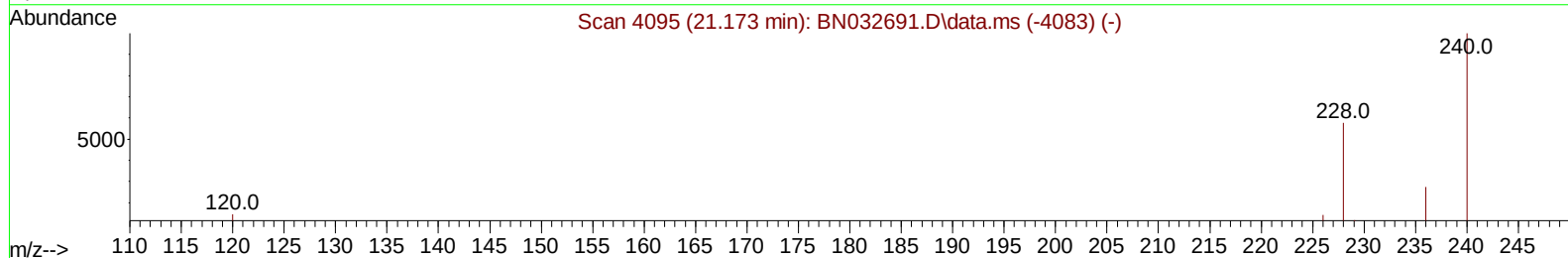
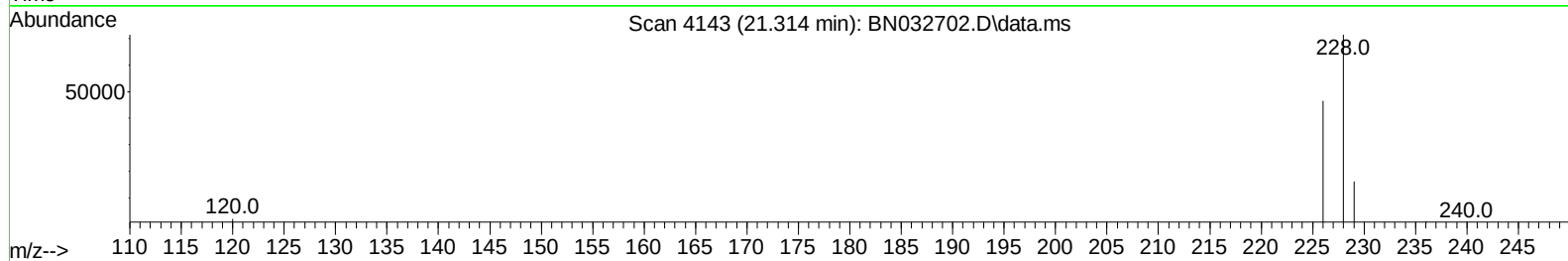
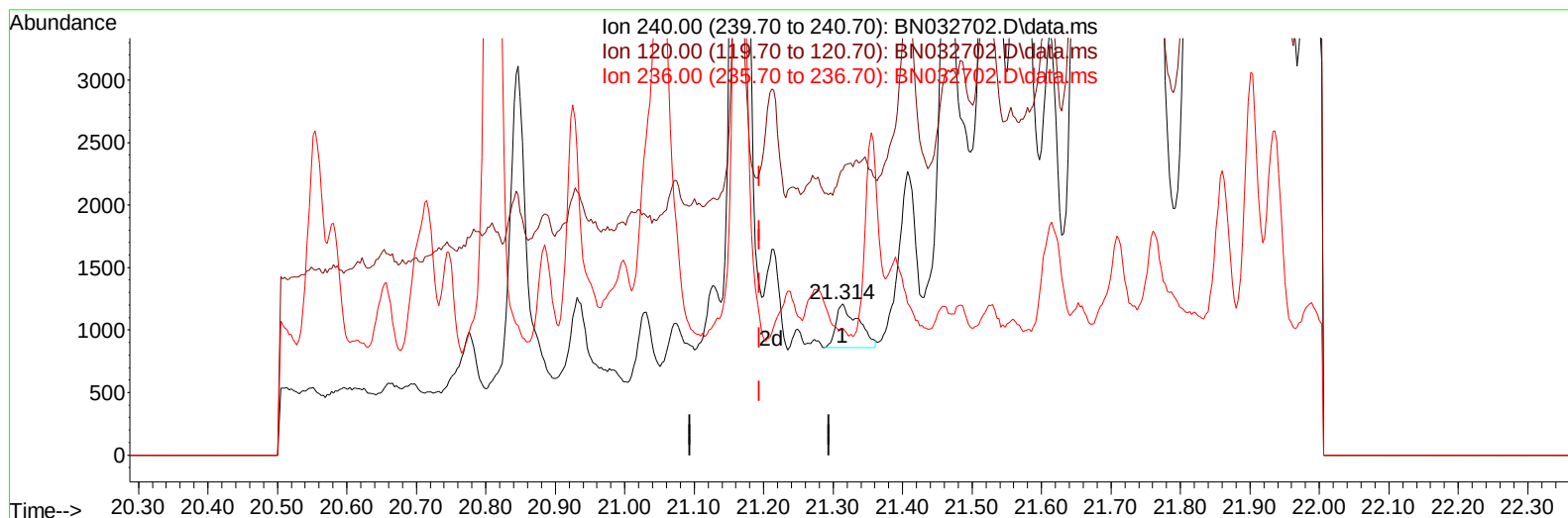
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(17) Chrysene-d12

21.314min (+ 0.120) 0.40 ng/u1

response 776

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	188.51#
236.00	28.40	83.55#
0.00	0.00	0.00

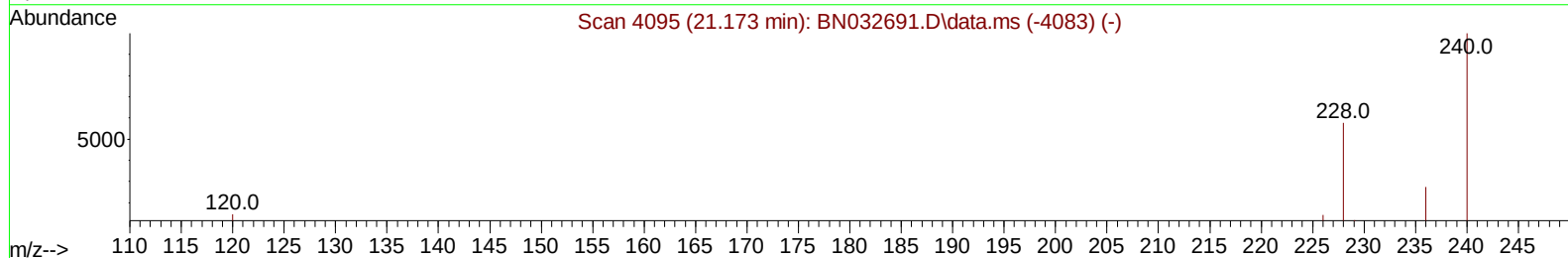
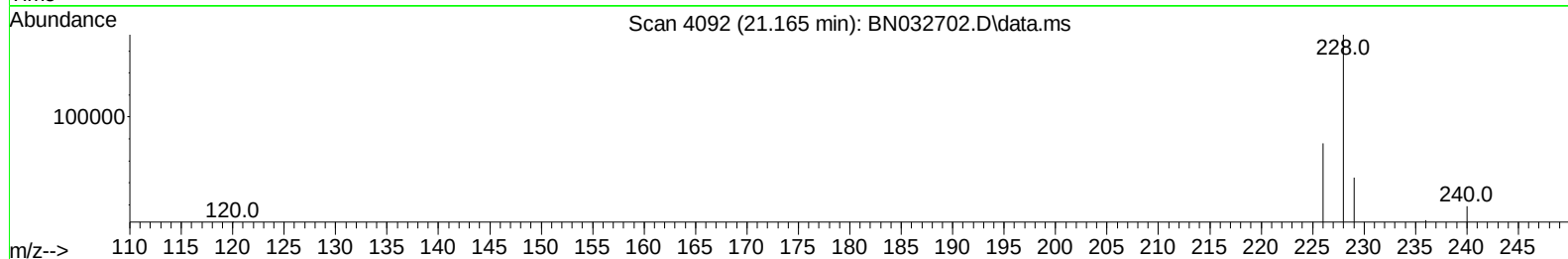
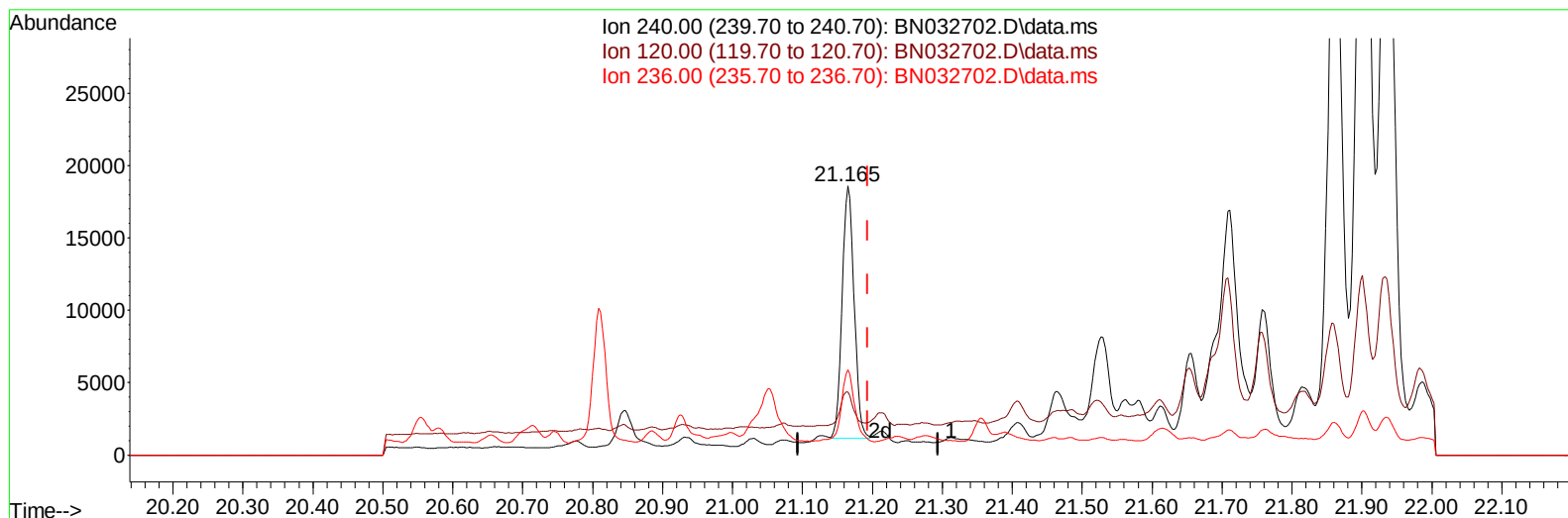
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(17) Chrysene-d12

21.165min (-0.029) 0.40 ng/ul m

response 20823

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	23.45#
236.00	28.40	31.66
0.00	0.00	0.00

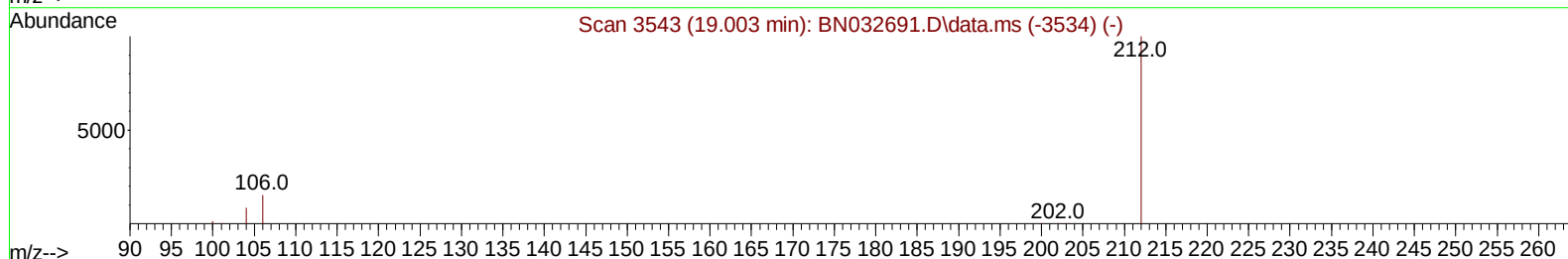
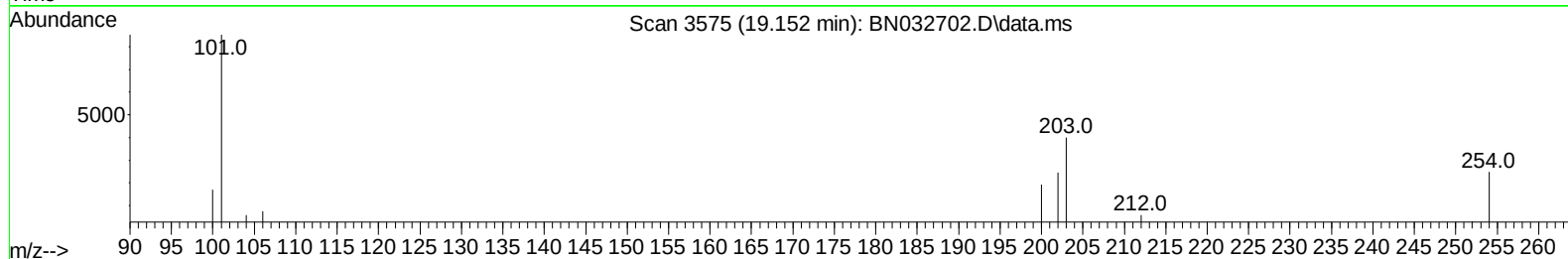
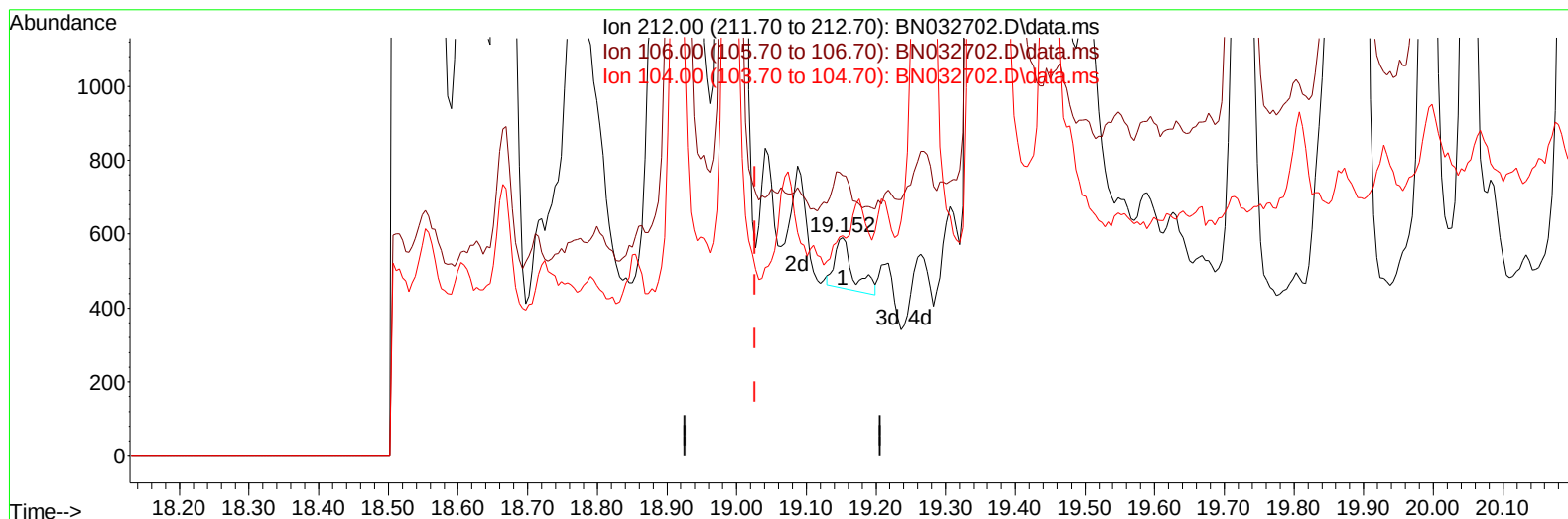
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.126) 0.00 ng/u1

response 247

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	85.83#
104.00	9.00	0.00#
0.00	0.00	0.00

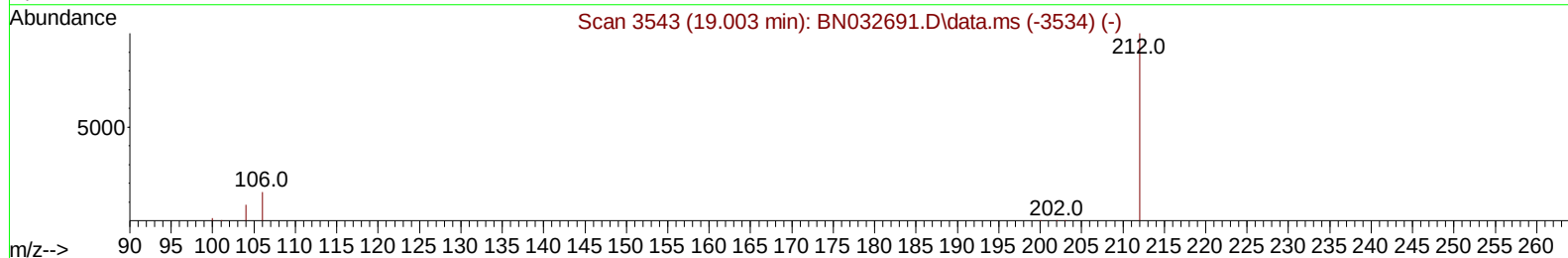
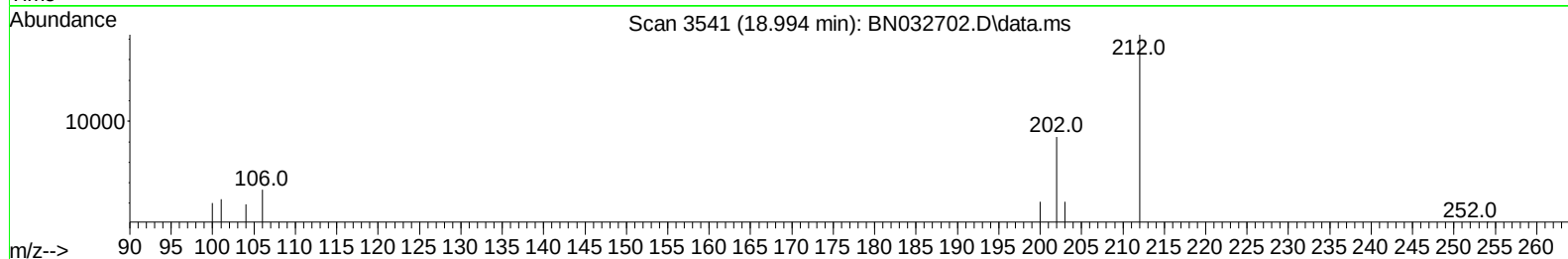
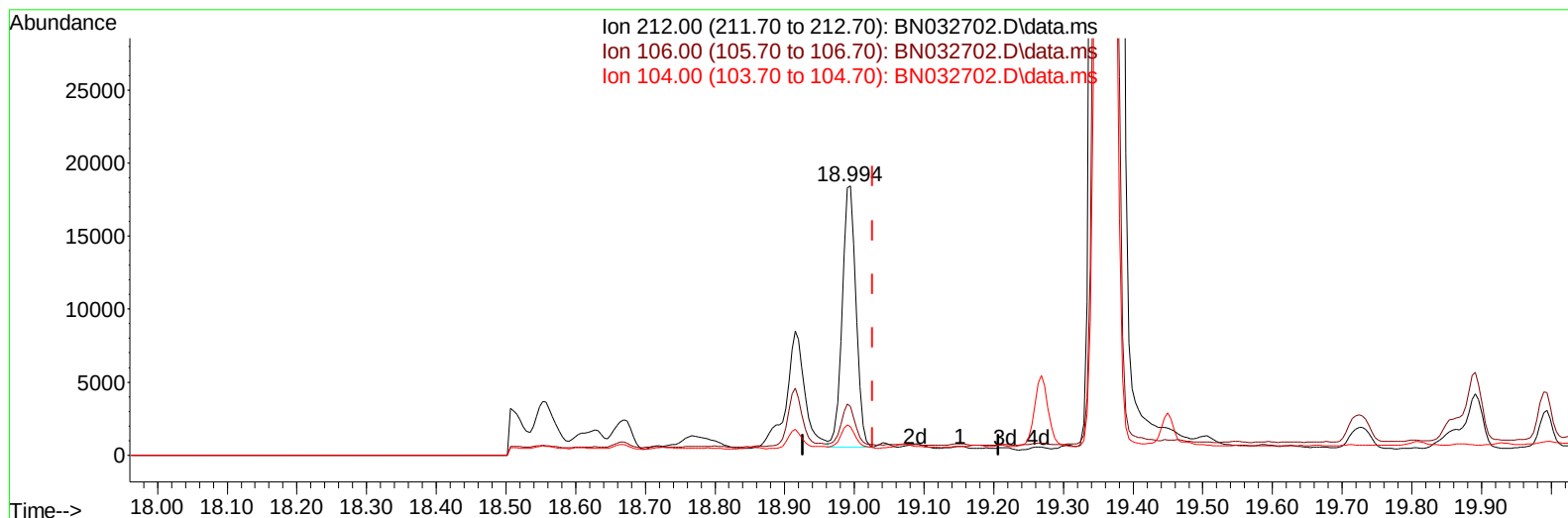
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.994min (-0.032) 0.37 ng/ul m

response 24884

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.85#
104.00	9.00	0.00#
0.00	0.00	0.00

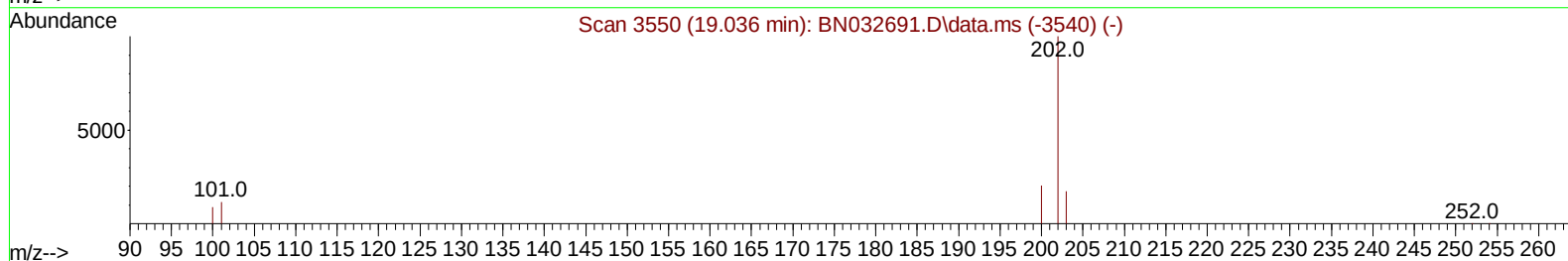
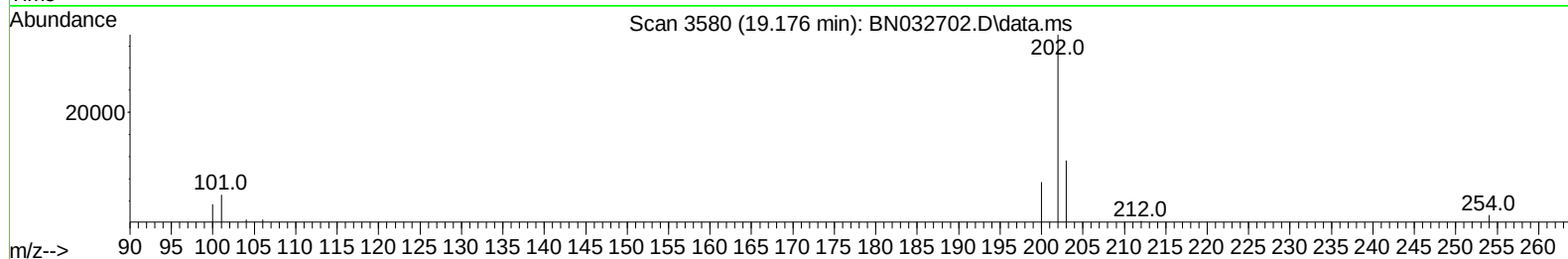
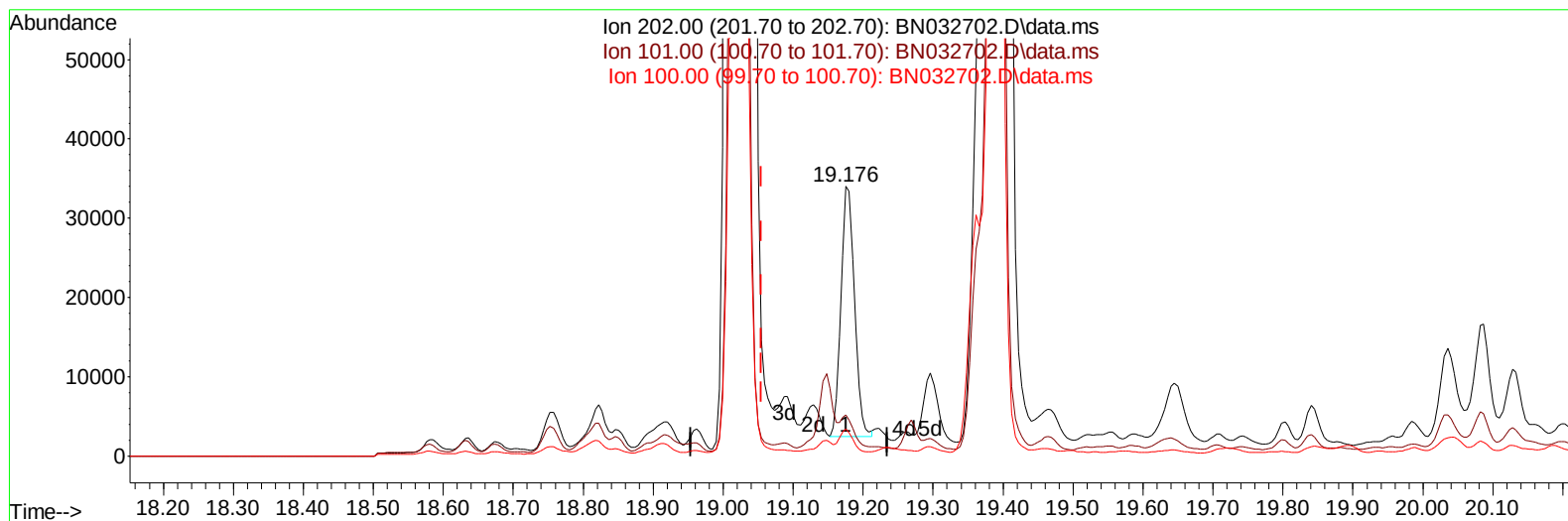
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(19) Fluoranthene (C)

19.176min (+ 0.121) 0.50 ng/u1

response 41910

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.33#
100.00	9.90	10.07
0.00	0.00	0.00

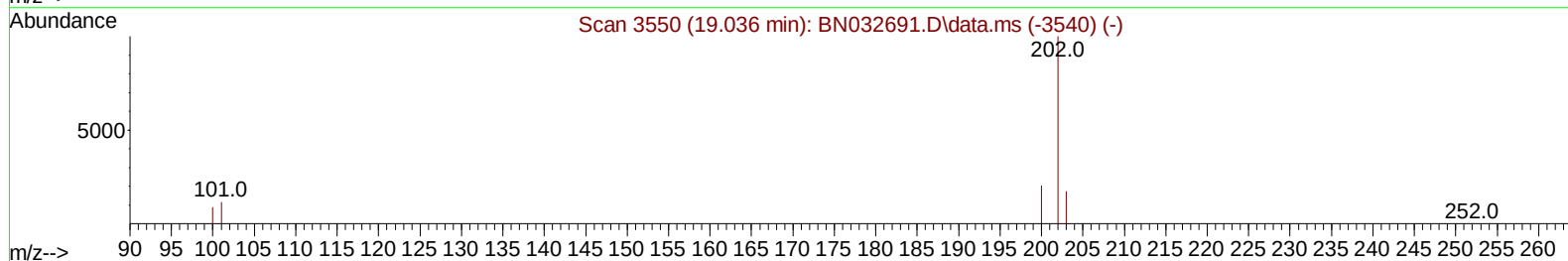
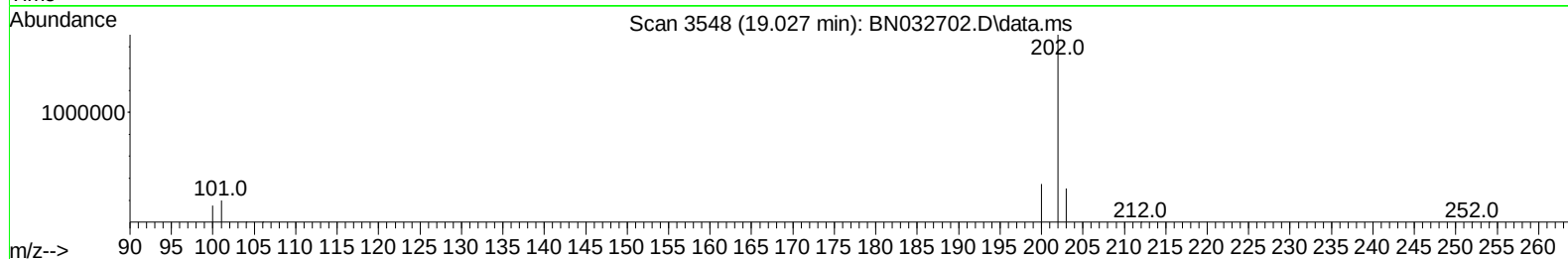
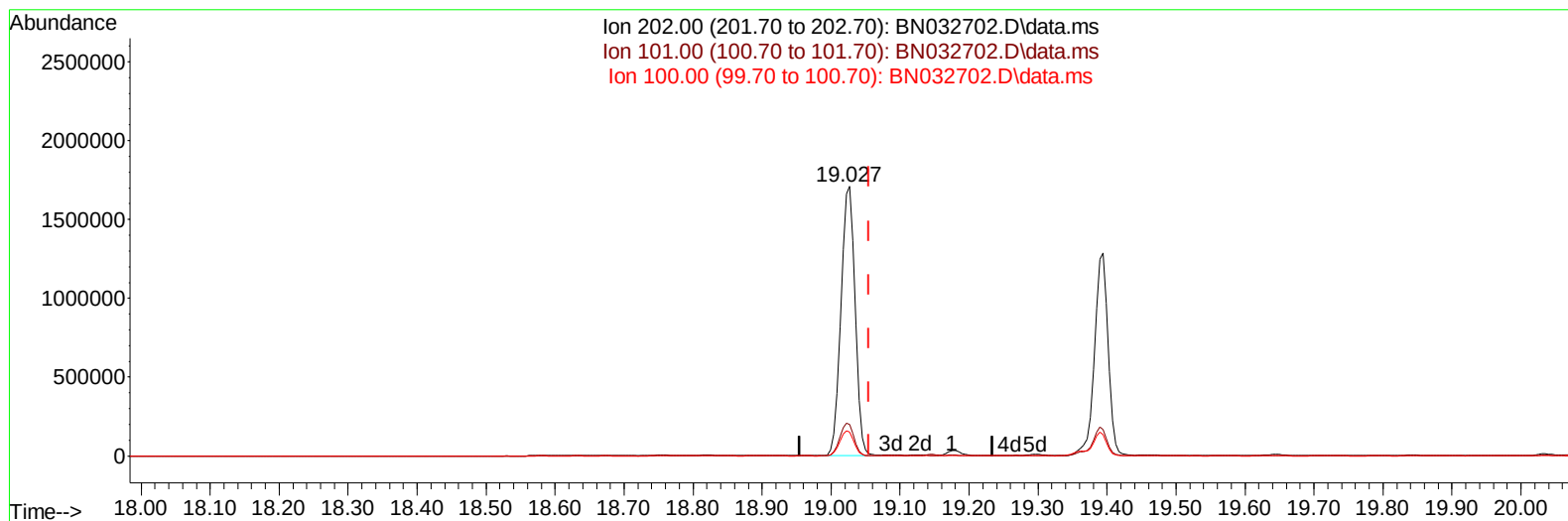
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.028) 29.02 ng/ul m

response 2456883

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.59
100.00	9.90	8.77
0.00	0.00	0.00

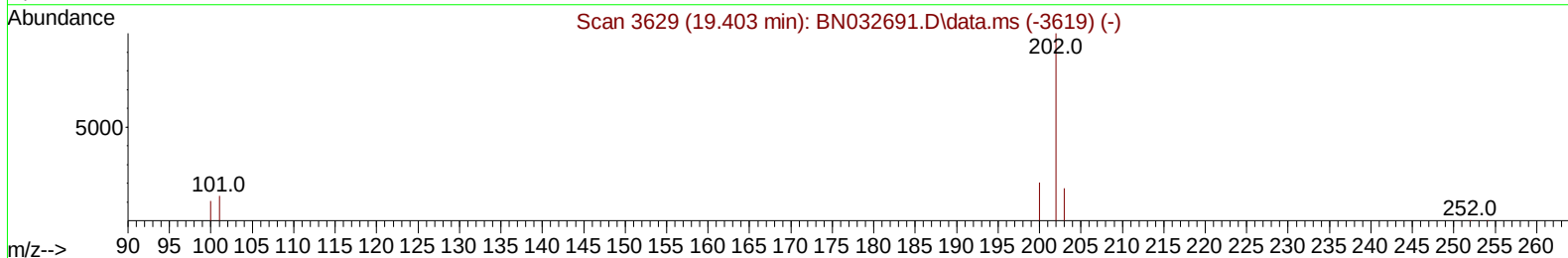
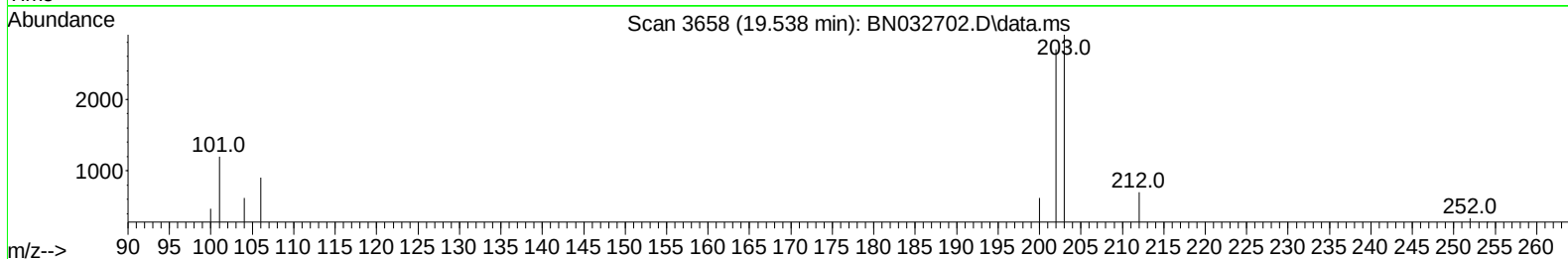
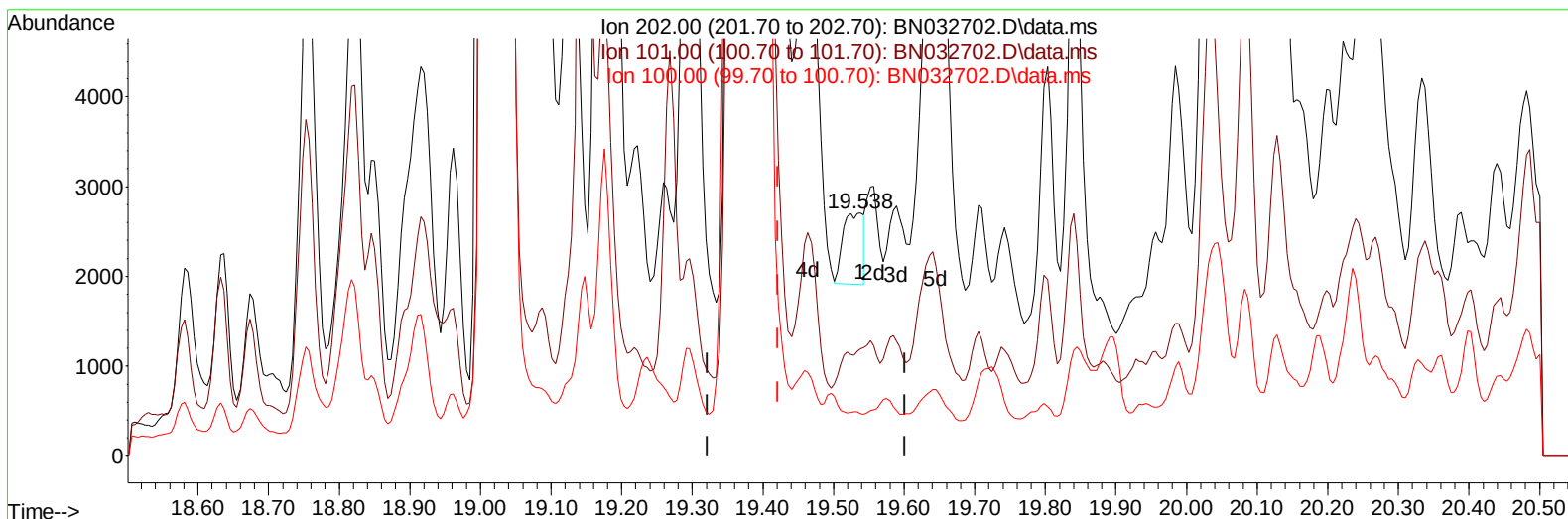
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(20) Pyrene

19.538min (+ 0.116) 0.02 ng/u1

response 1611

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	44.18#
100.00	12.00	17.56#
0.00	0.00	0.00

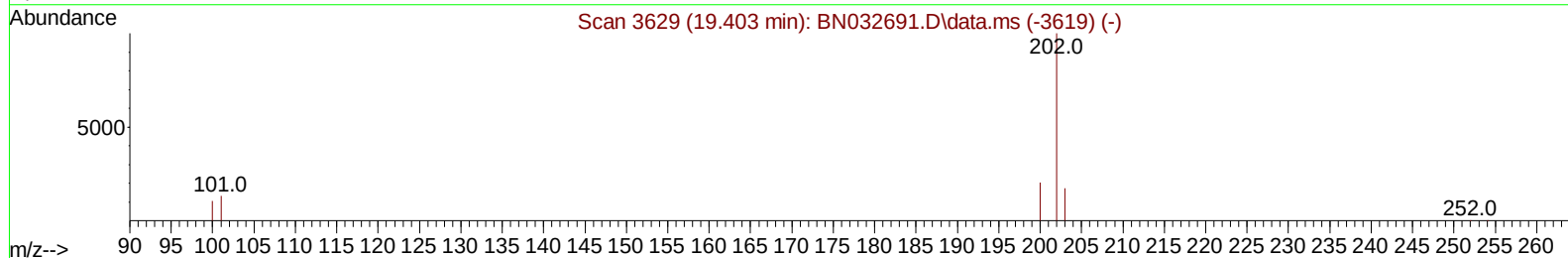
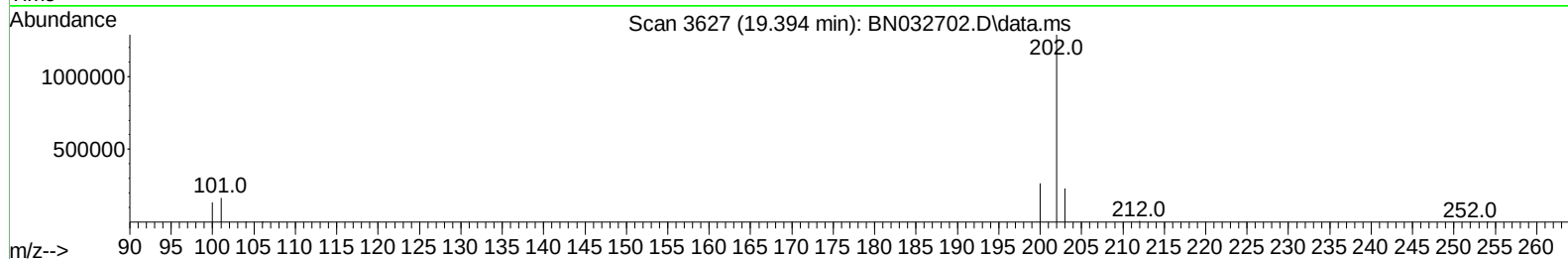
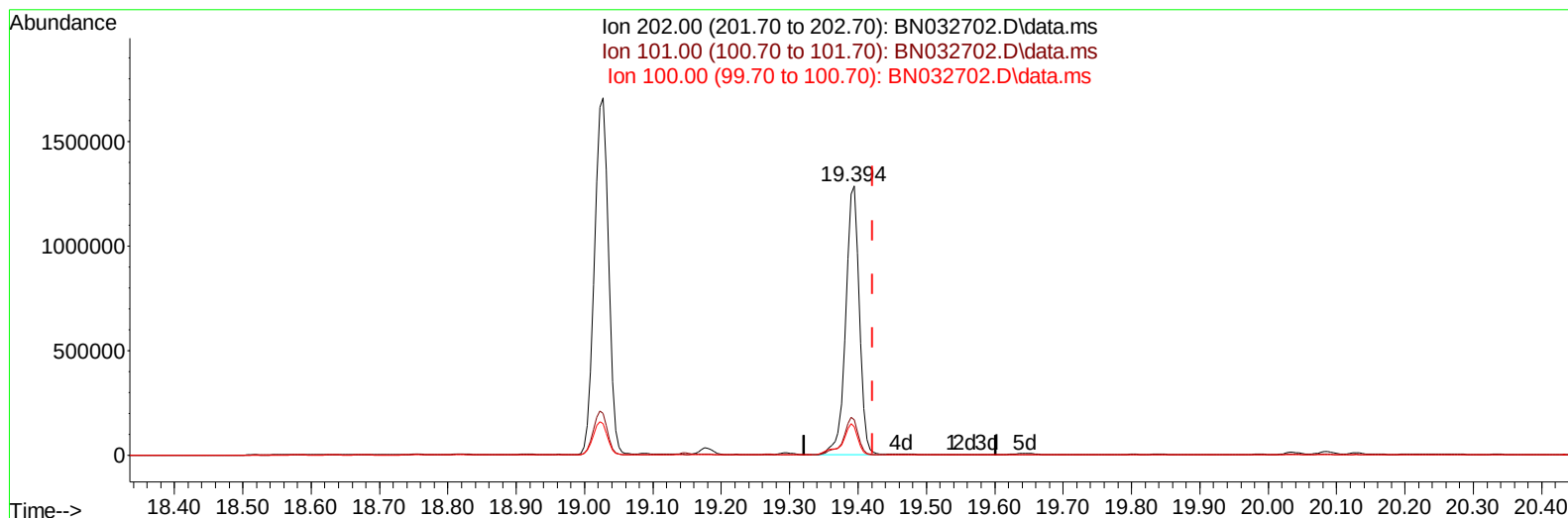
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(20) Pyrene

19.394min (-0.028) 20.30 ng/ul m

response 1779323

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.04
100.00	12.00	10.43
0.00	0.00	0.00

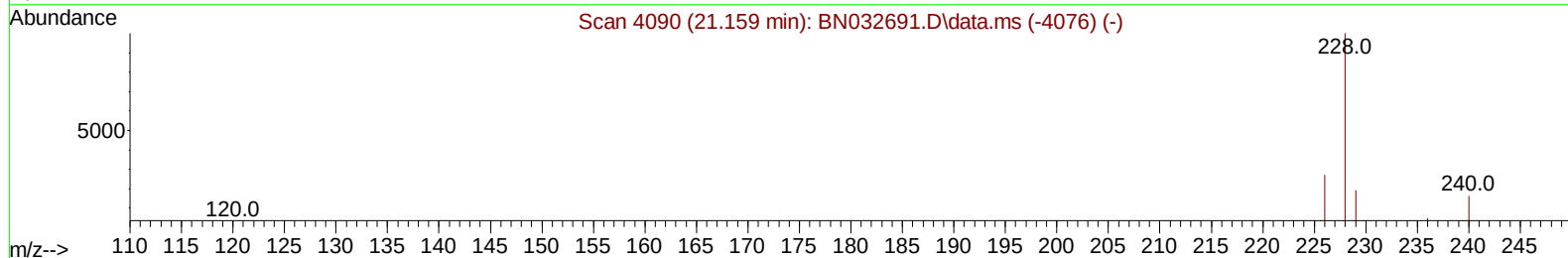
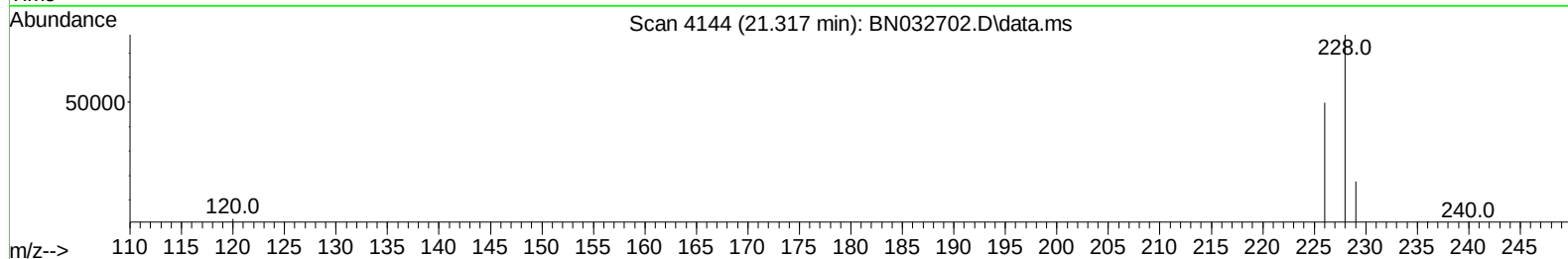
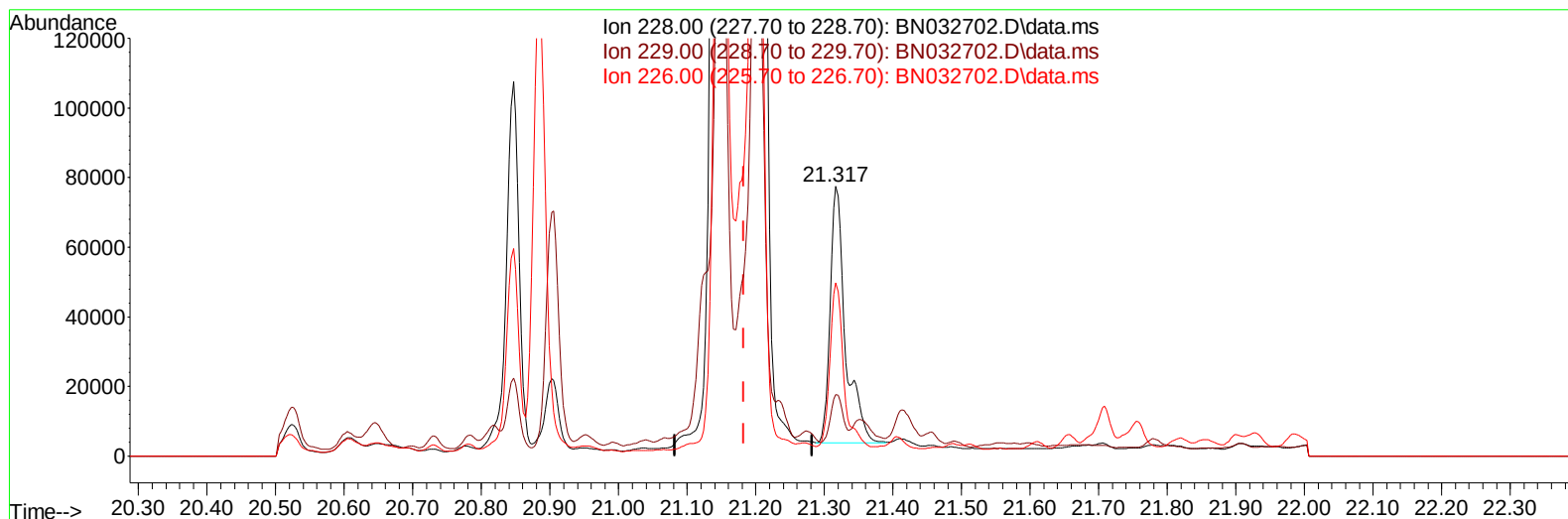
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(21) Benzo(a)anthracene

21.317min (+ 0.134) 1.72 ng/uI

response 113946

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.82
226.00	27.40	64.22#
0.00	0.00	0.00

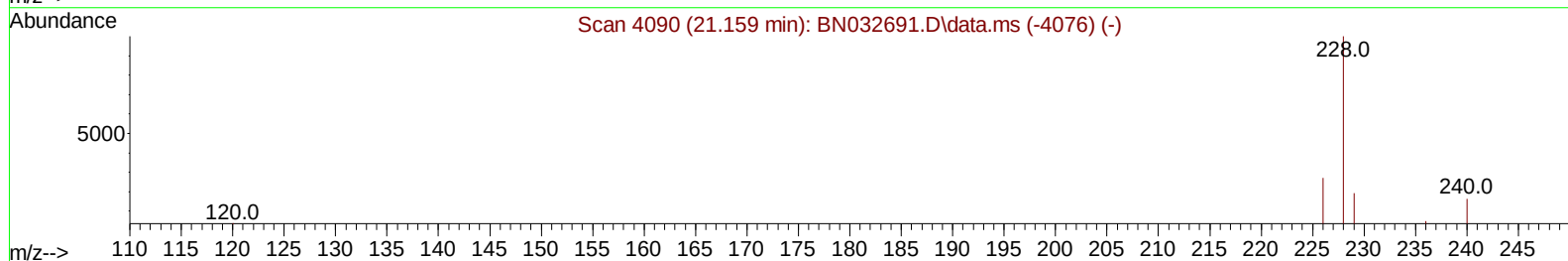
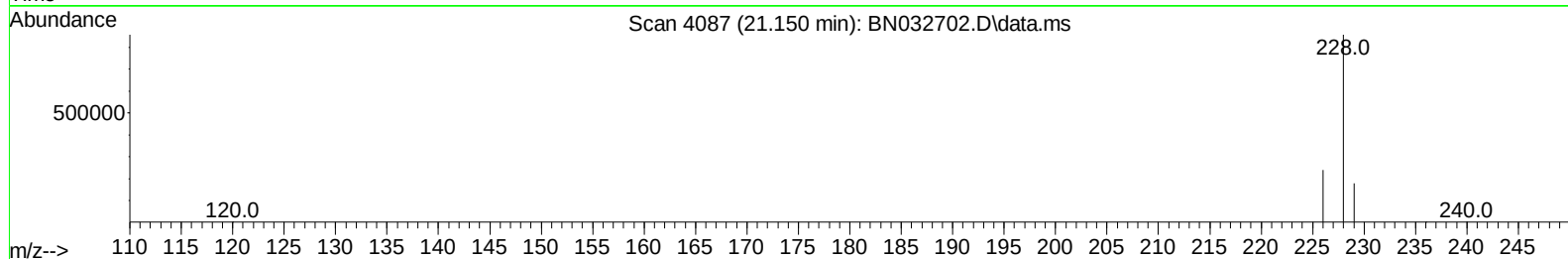
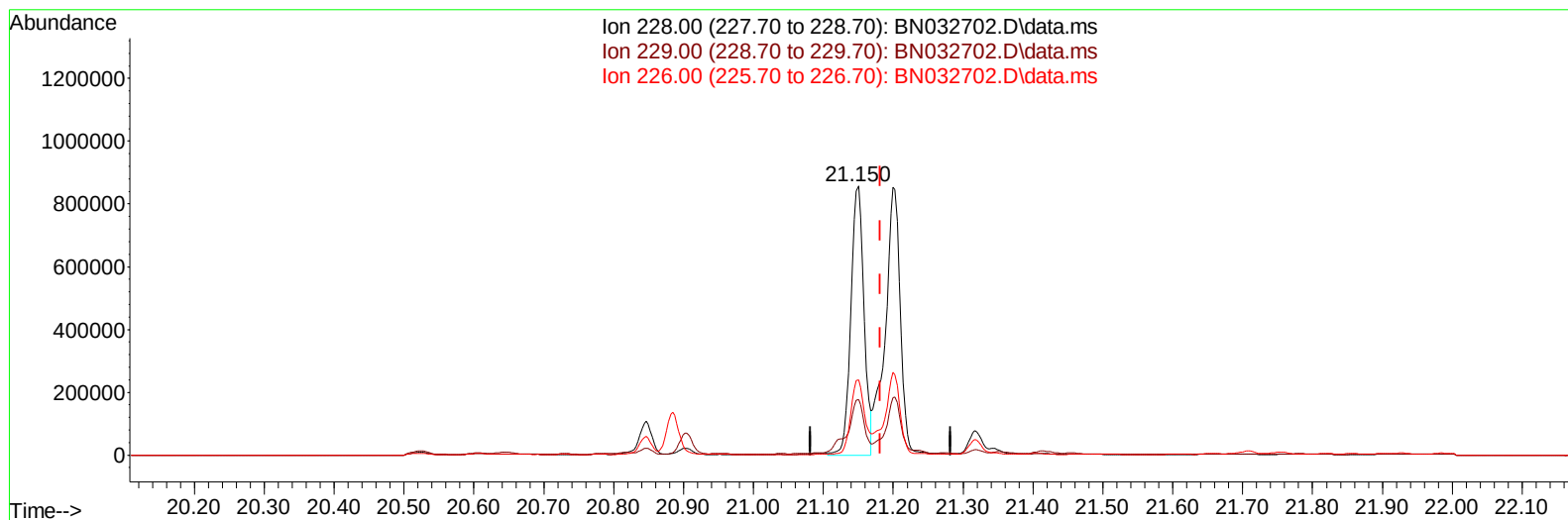
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(21) Benzo(a)anthracene

21.150min (-0.032) 16.98 ng/ul m

response 1125743

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.75
226.00	27.40	28.02
0.00	0.00	0.00

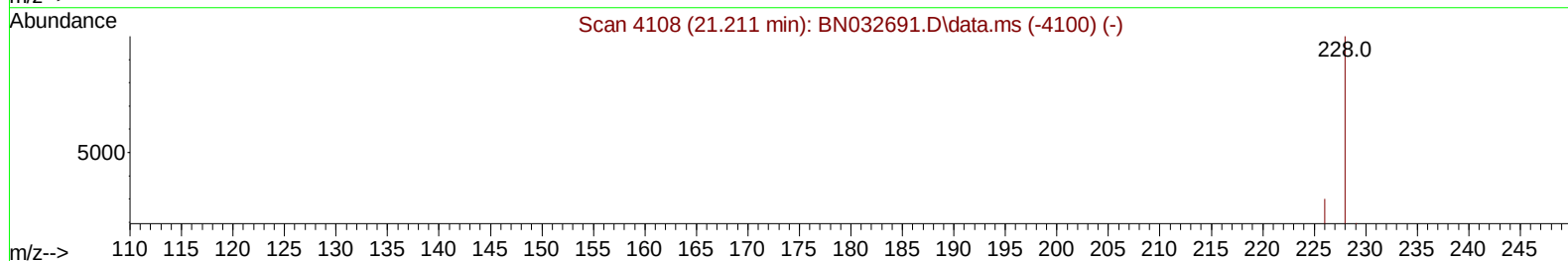
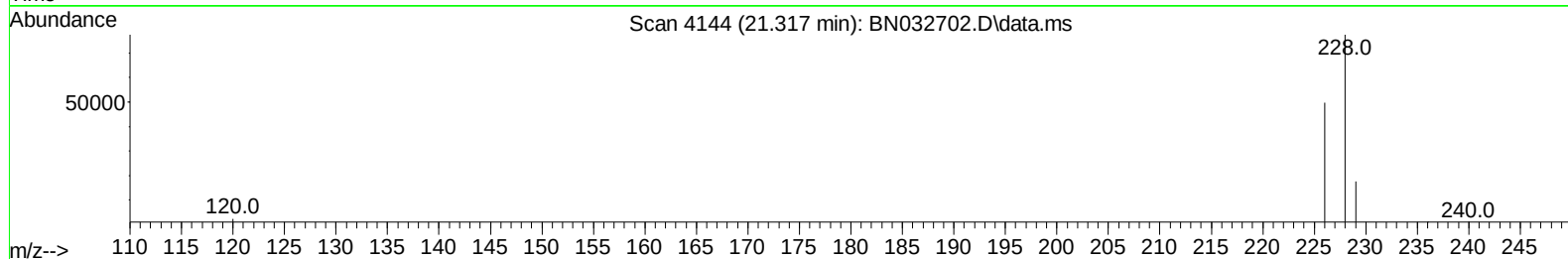
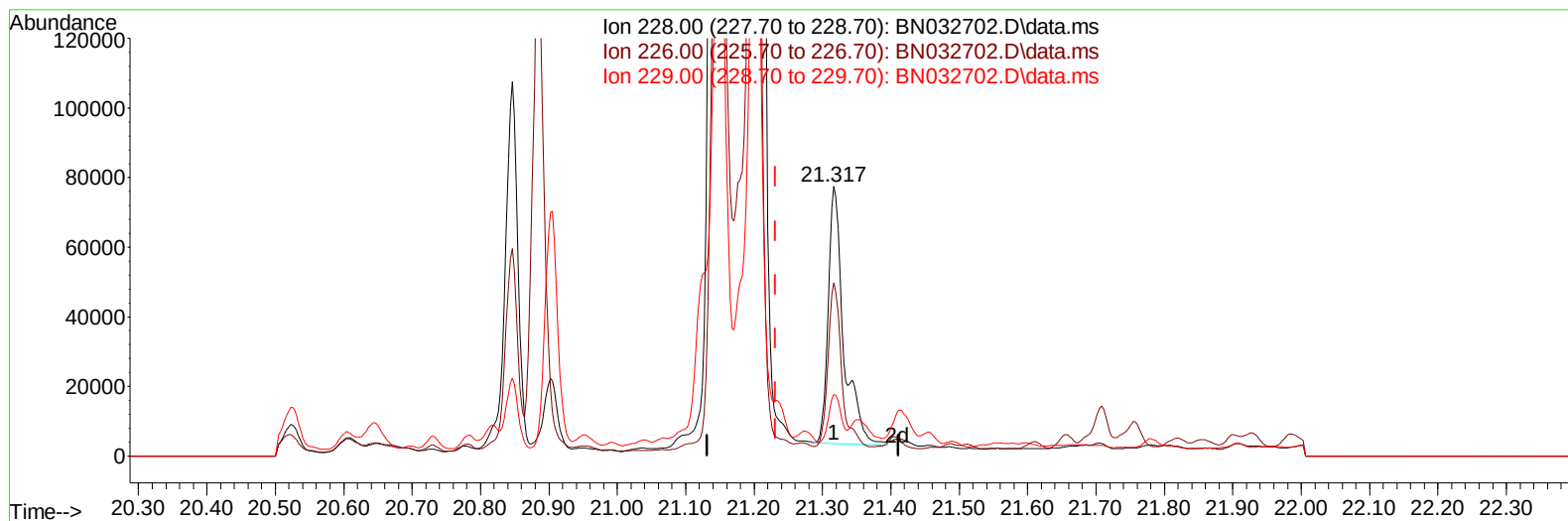
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(22) Chrysene

21.317min (+ 0.085) 1.21 ng/u1

response 116320

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.22#
229.00	19.70	22.82
0.00	0.00	0.00

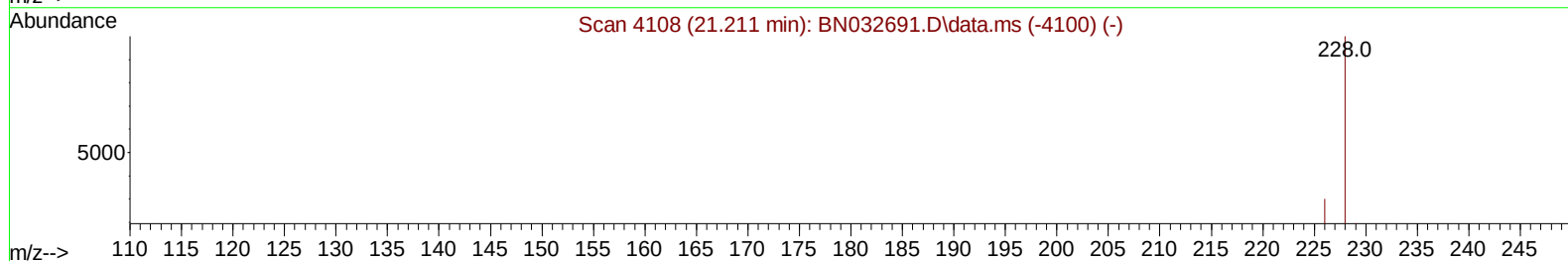
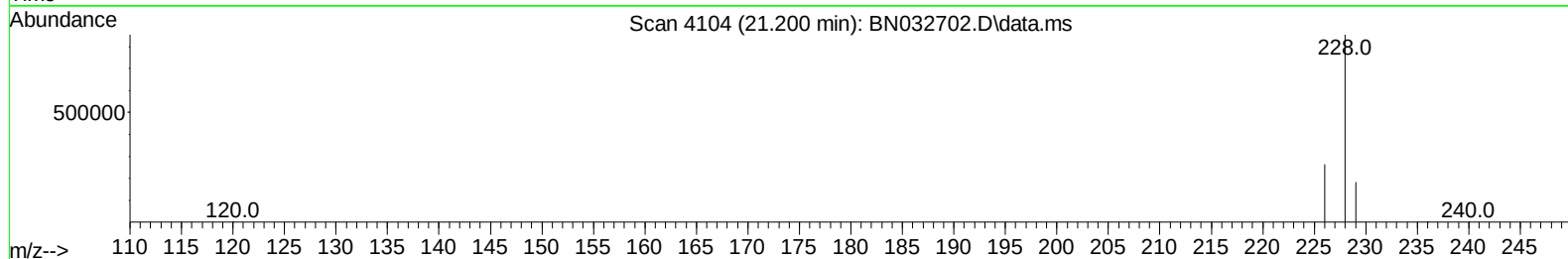
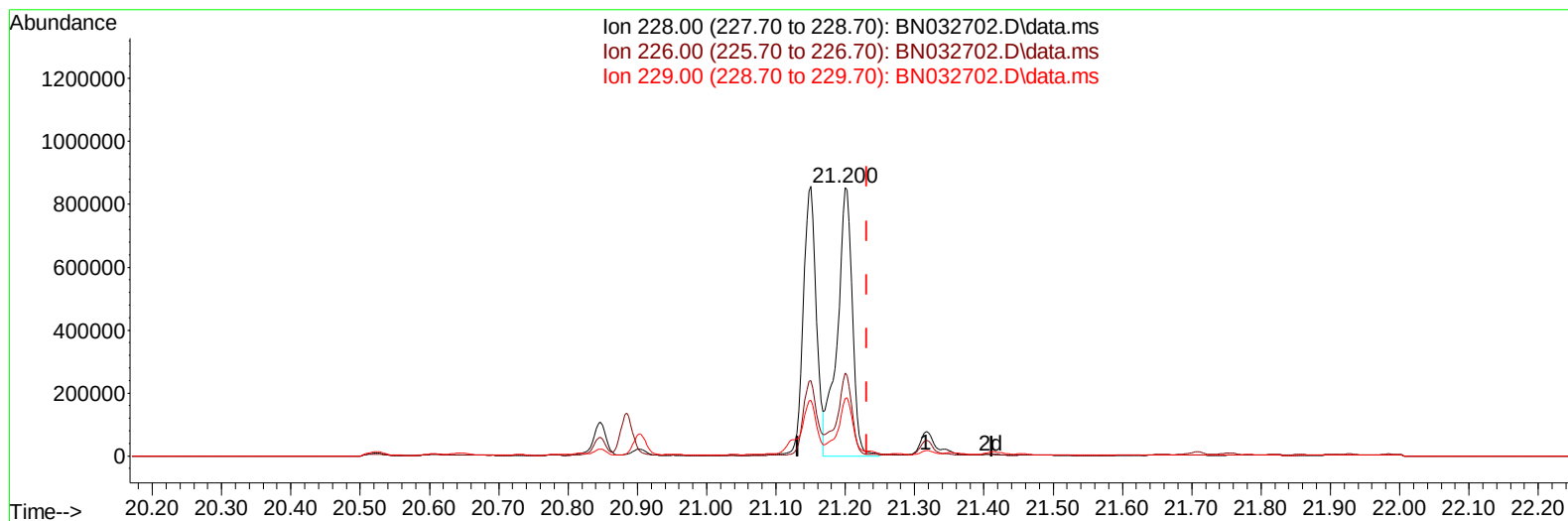
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(22) Chrysene

21.200min (-0.032) 13.58 ng/ul m

response 1302468

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.86
229.00	19.70	21.39
0.00	0.00	0.00

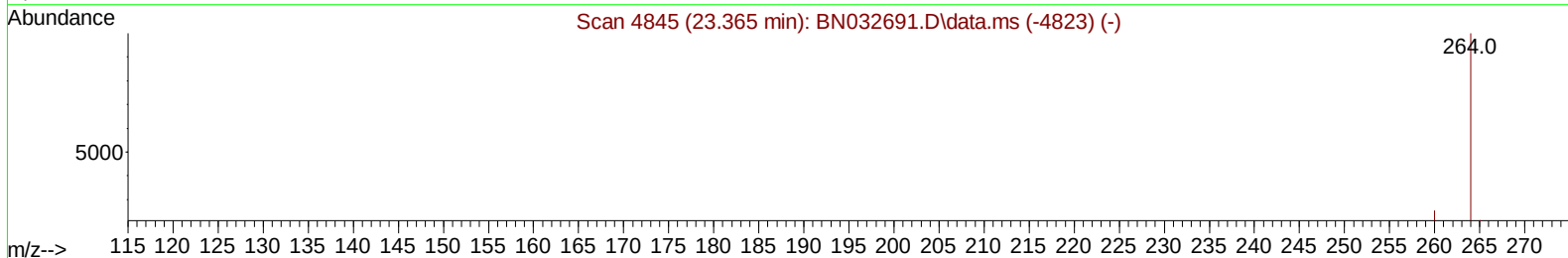
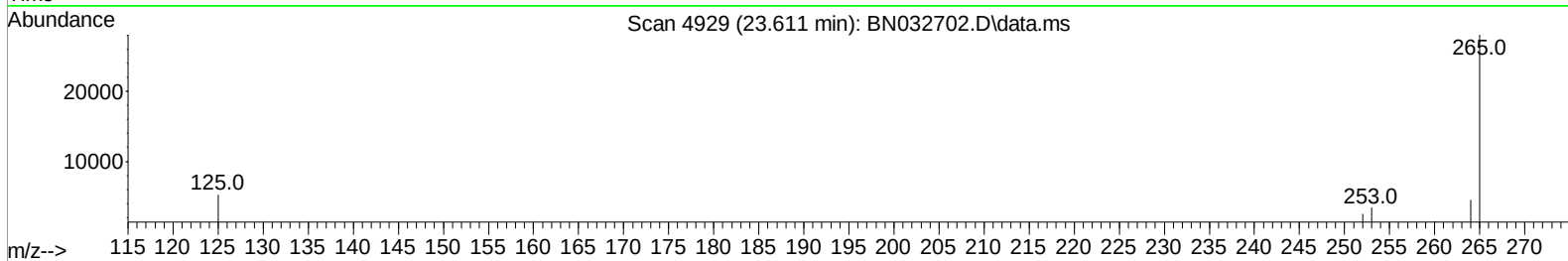
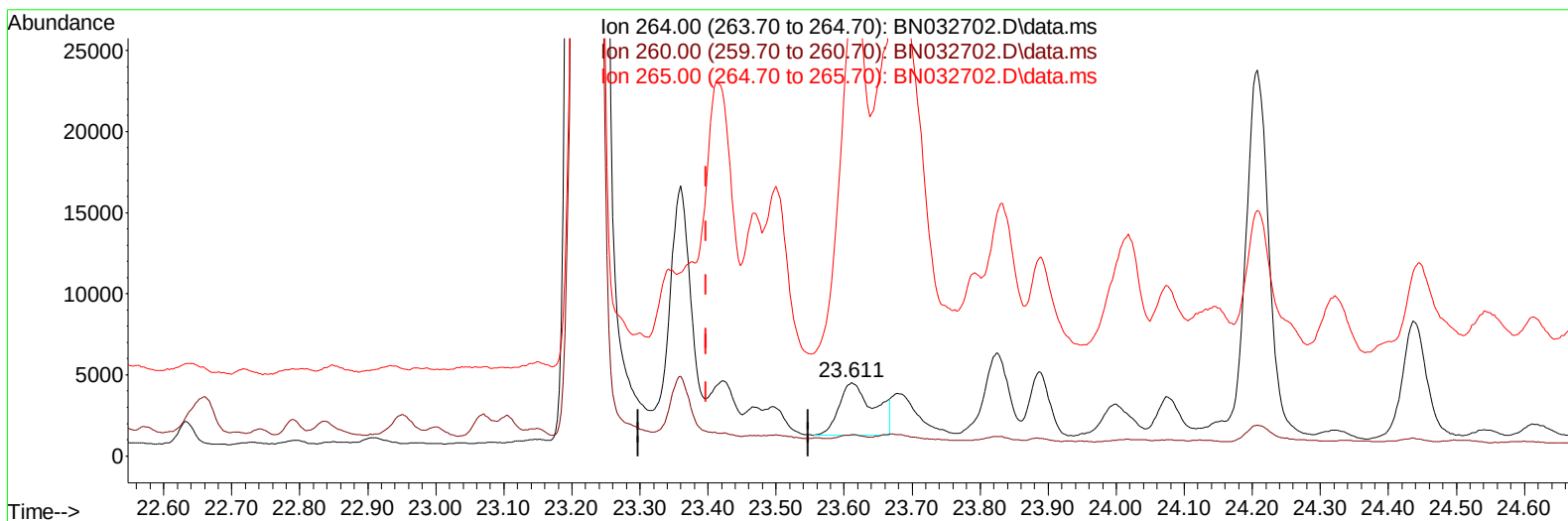
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(23) Perylene-d12 (I)

23.611min (+ 0.214) 0.40 ng/u1

response 11692

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.31
265.00	95.50	618.49#
0.00	0.00	0.00

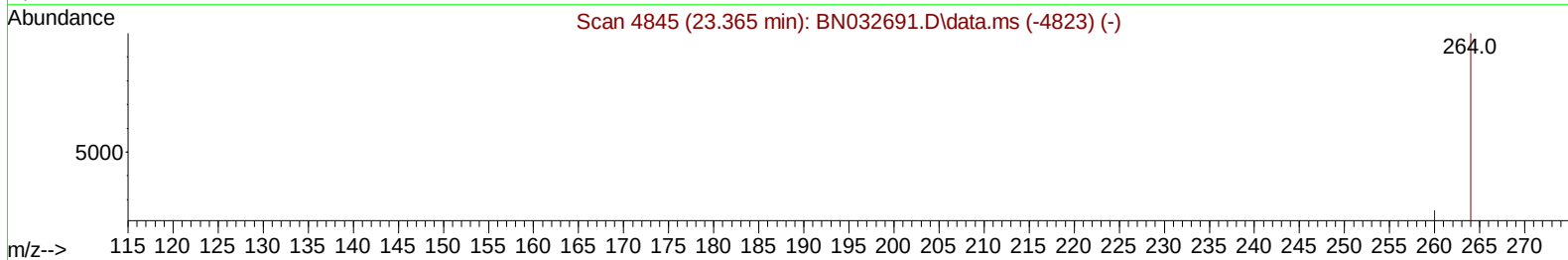
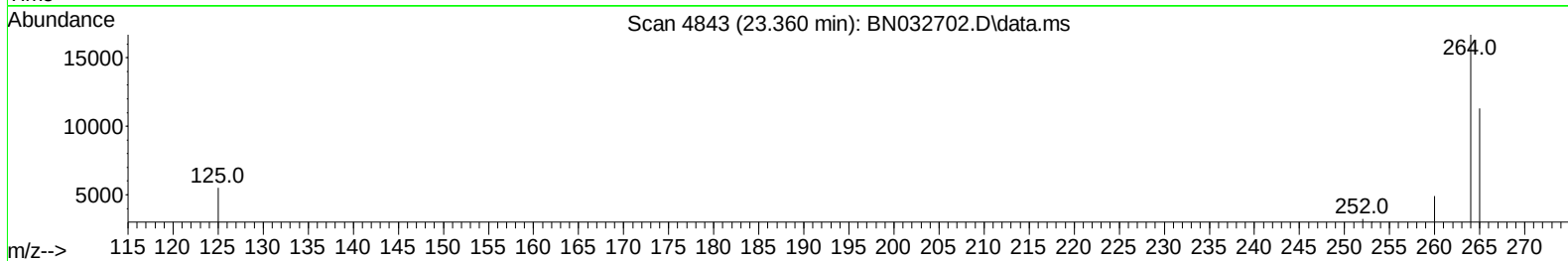
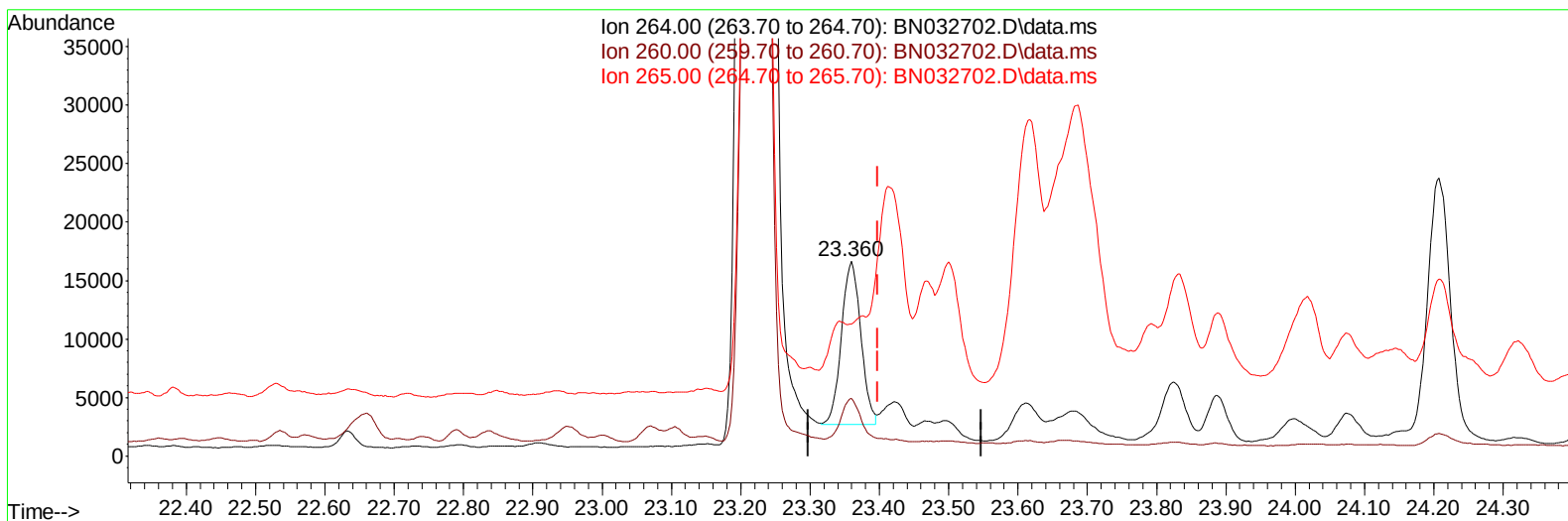
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(23) Perylene-d12 (I)

23.360min (-0.038) 0.40 ng/ul m

response 27180

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.38
265.00	95.50	67.70#
0.00	0.00	0.00

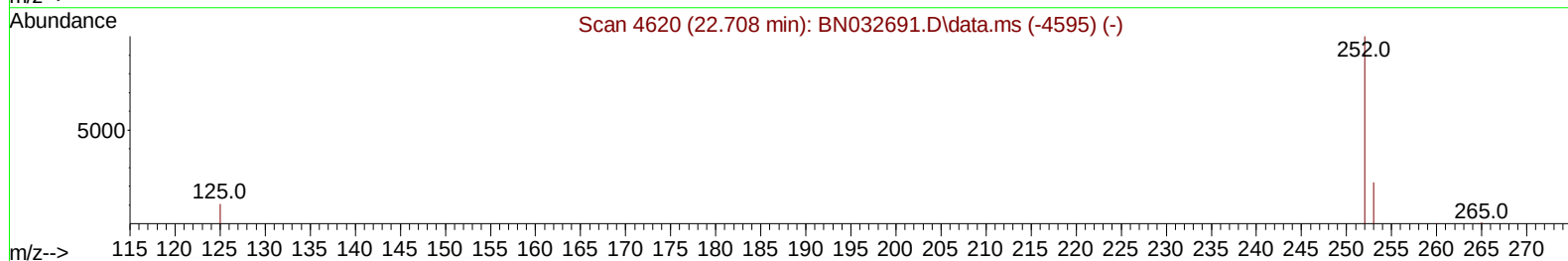
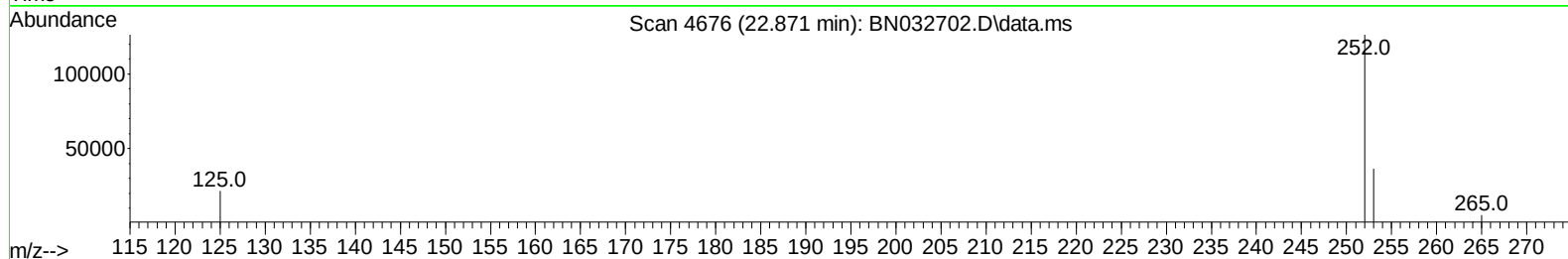
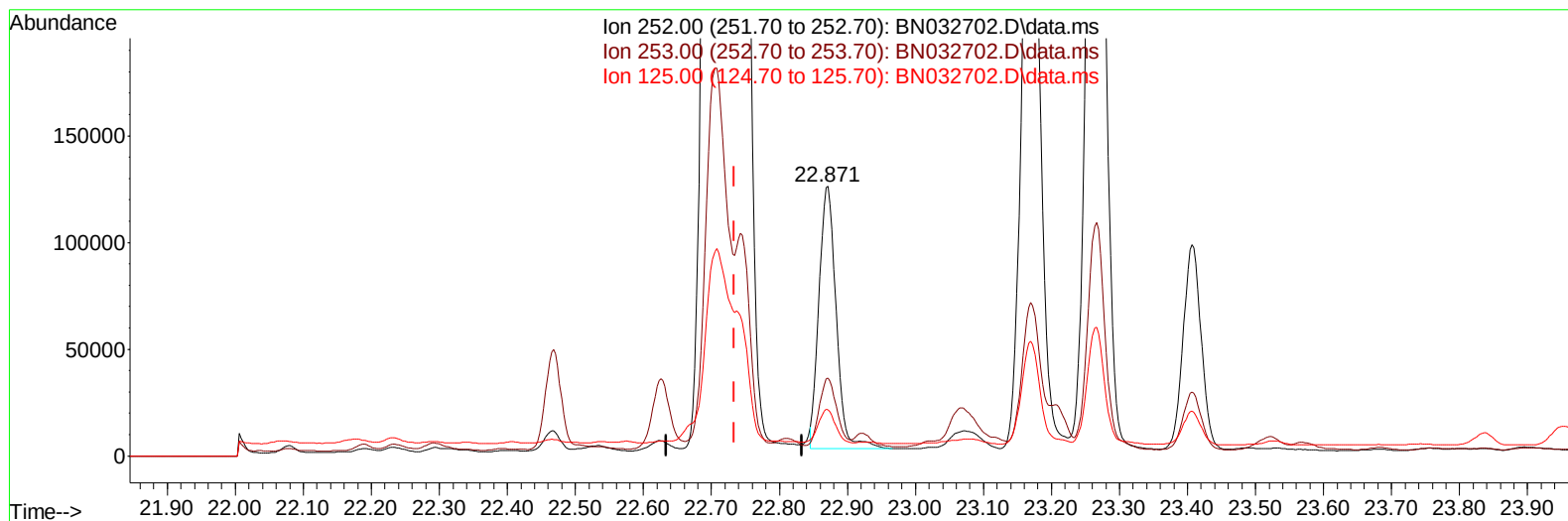
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(24) Benzo(b)fluoranthene

22.871min (+ 0.138) 2.25 ng/u1

response 215974

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.01
125.00	18.00	17.15
0.00	0.00	0.00

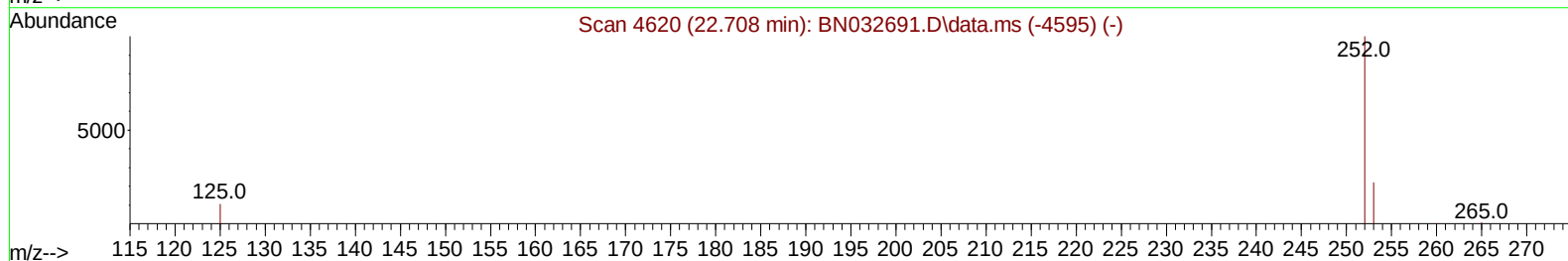
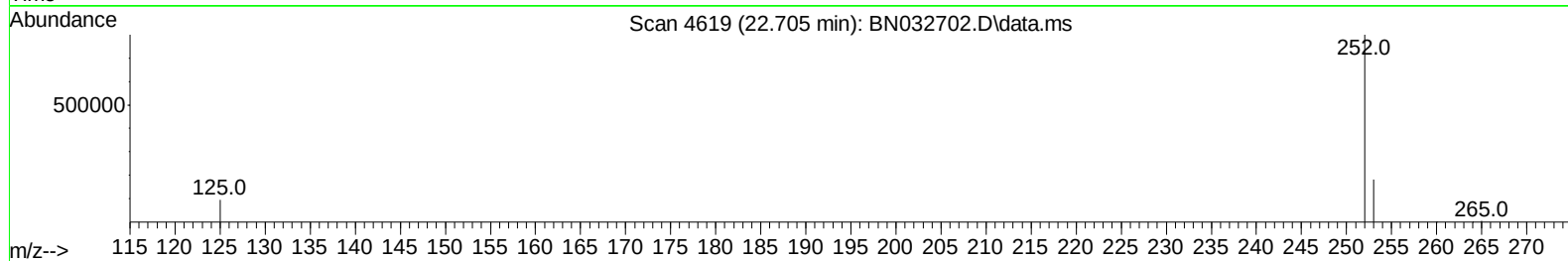
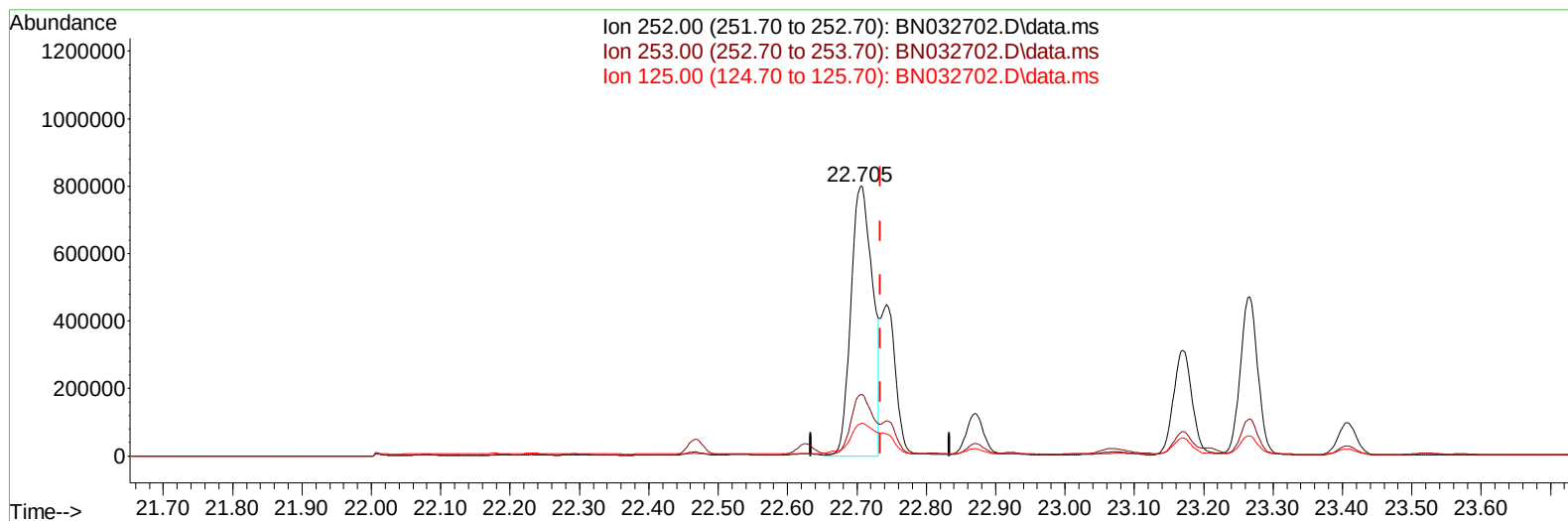
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (-0.029) 18.27 ng/ul m

response 1752490

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.76
125.00	18.00	11.99
0.00	0.00	0.00

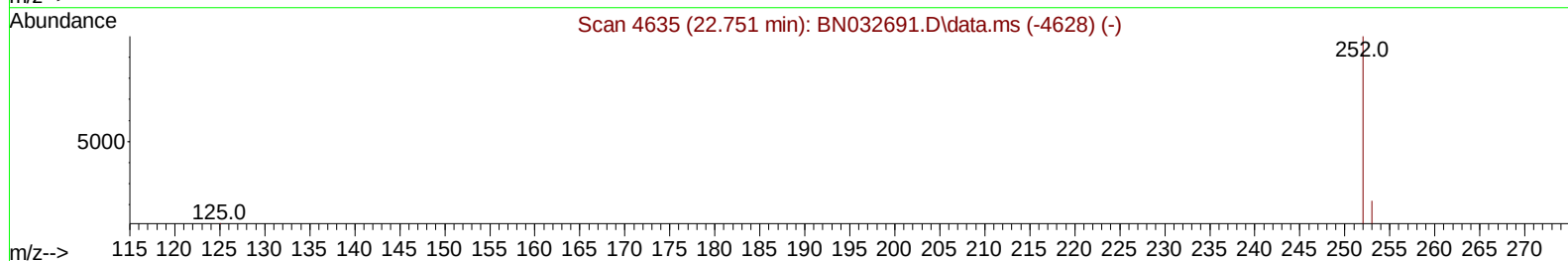
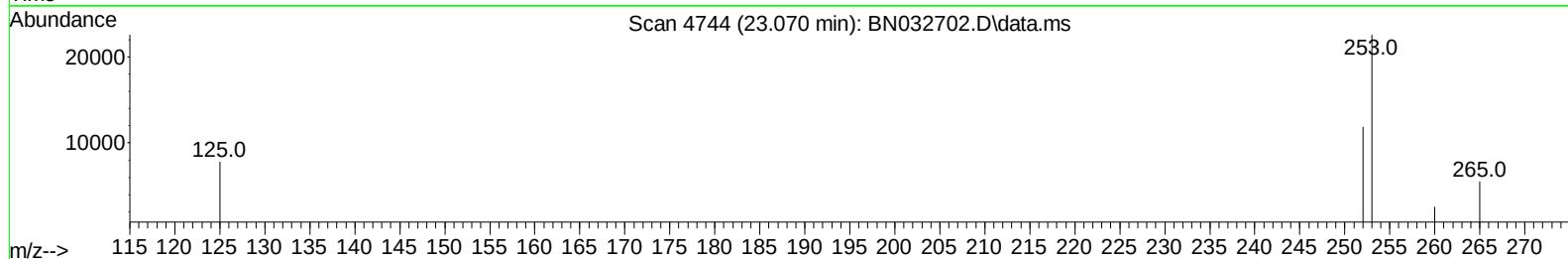
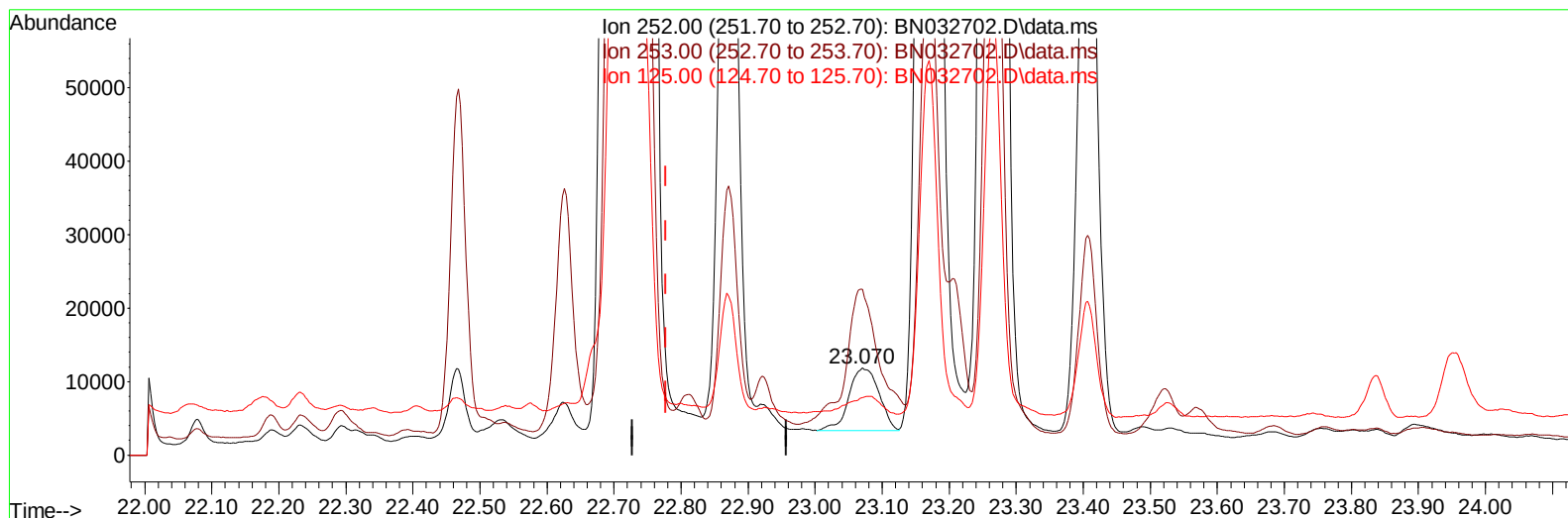
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(25) Benzo(k)fluoranthene

23.070min (+ 0.293) 0.23 ng/u1

response 26491

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	190.35#
125.00	18.50	66.08#
0.00	0.00	0.00

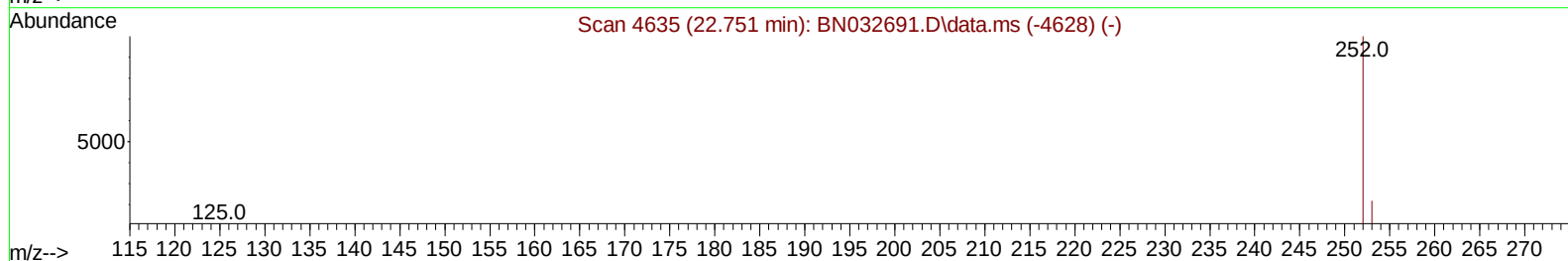
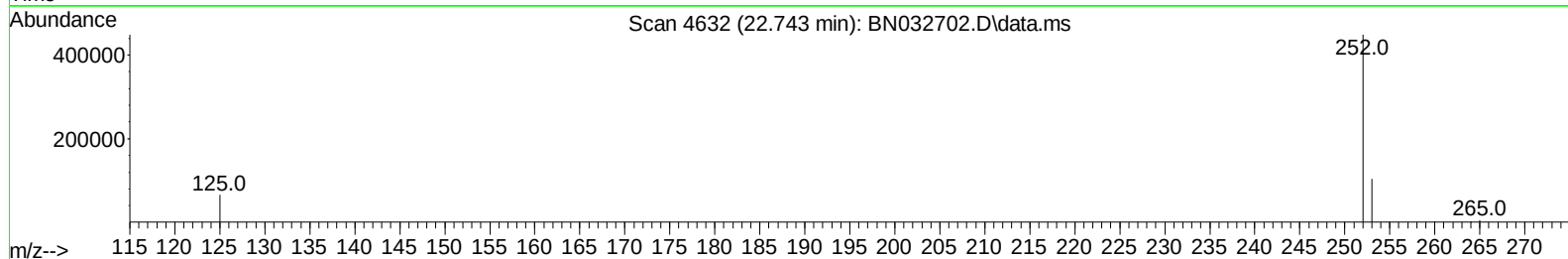
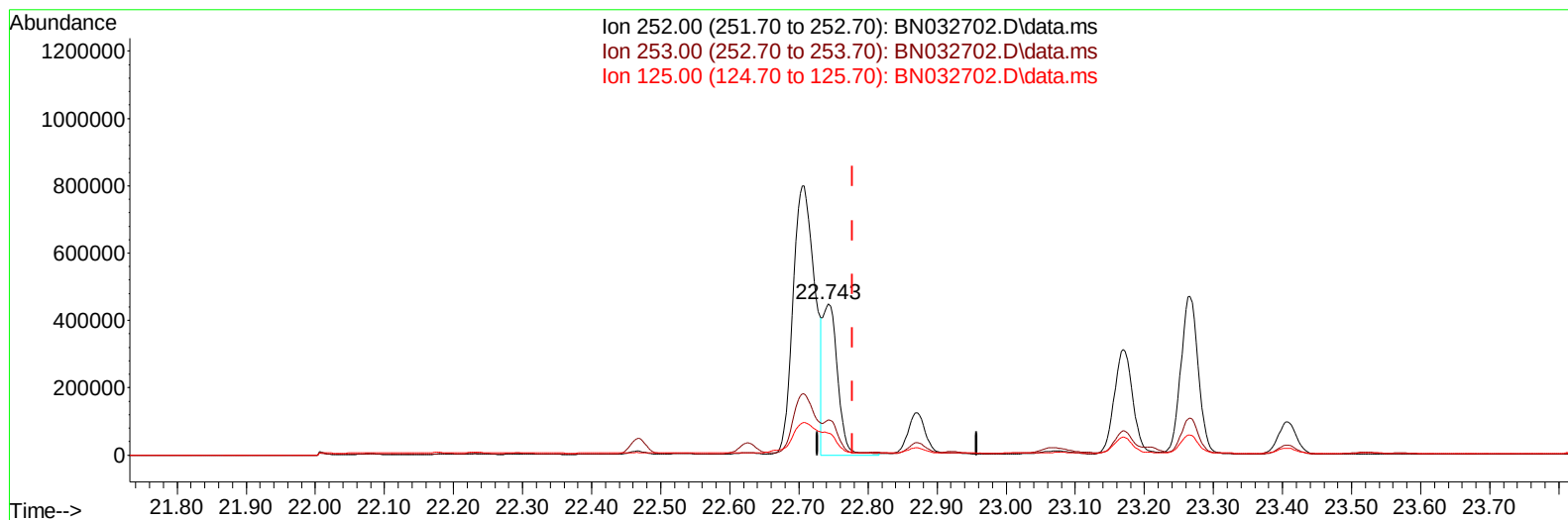
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(25) Benzo(k)fluoranthene

22.743min (-0.035) 5.85 ng/ul m

response 683872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.27
125.00	18.50	14.64#
0.00	0.00	0.00

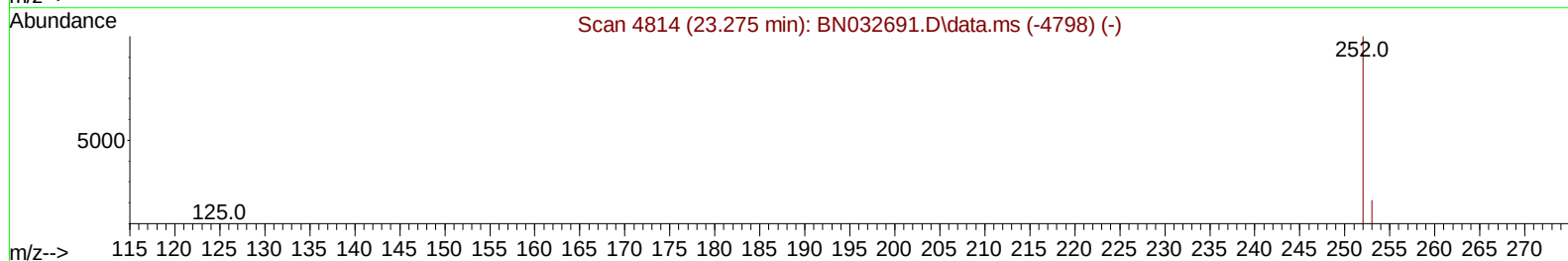
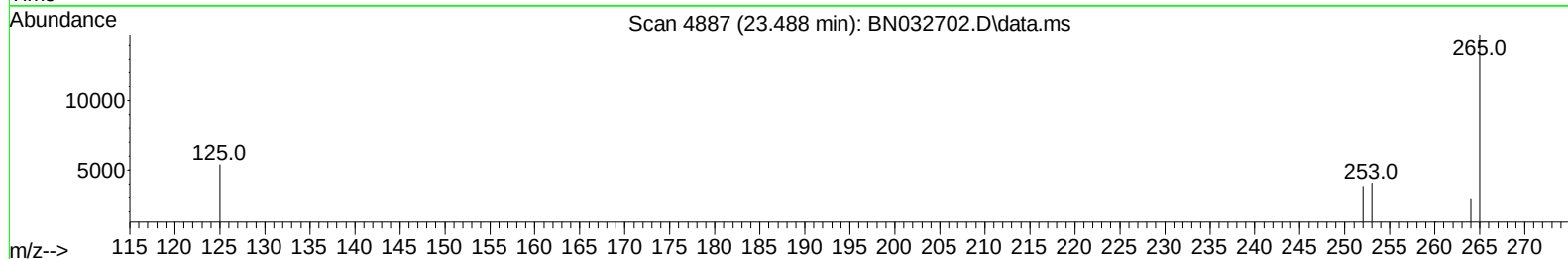
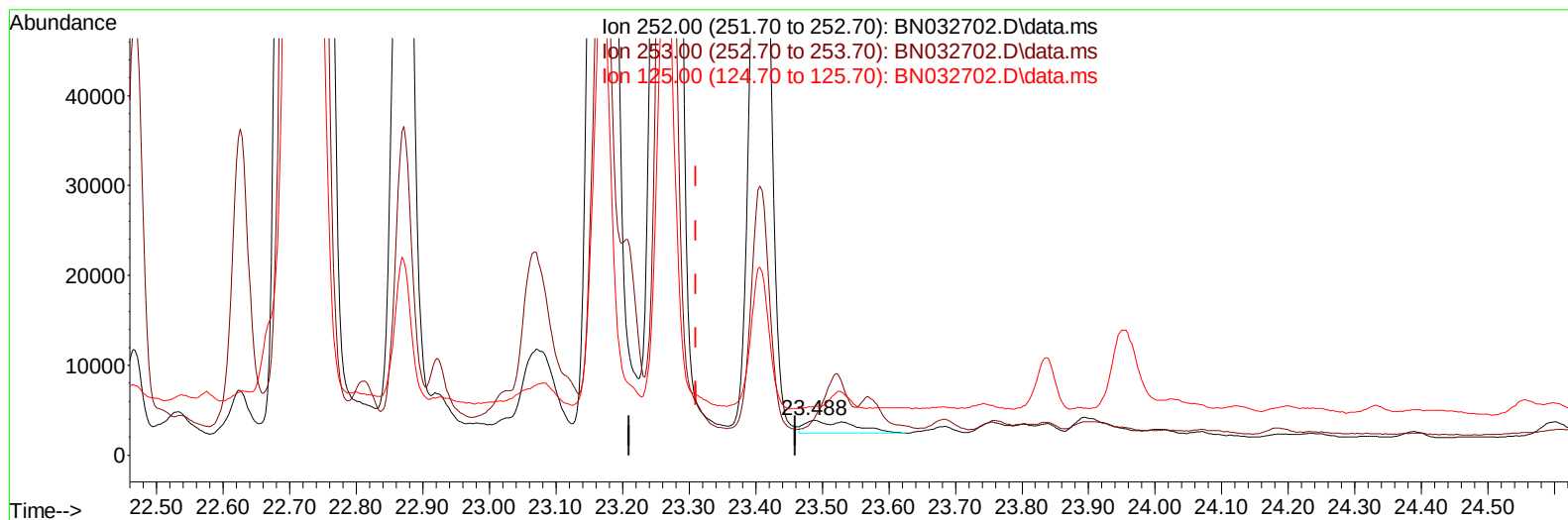
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(26) Benzo(a)pyrene (C)

23.488min (+ 0.178) 0.09 ng/u1

response 7323

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	105.68#
125.00	25.70	140.37#
0.00	0.00	0.00

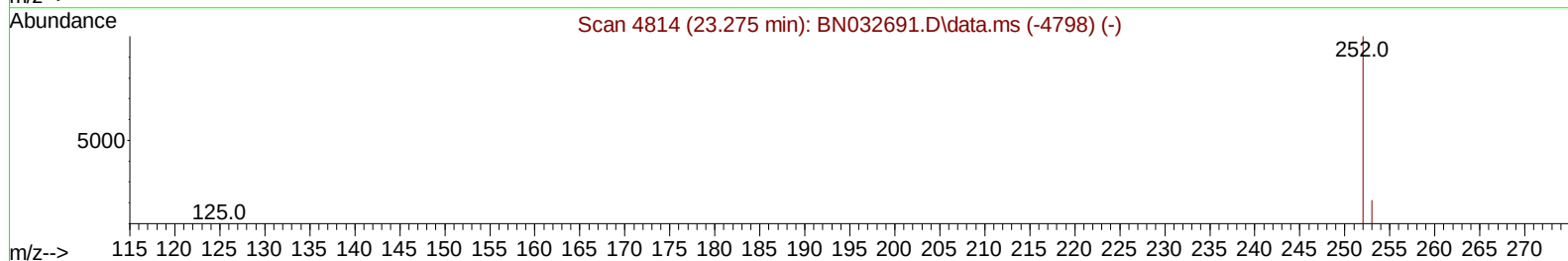
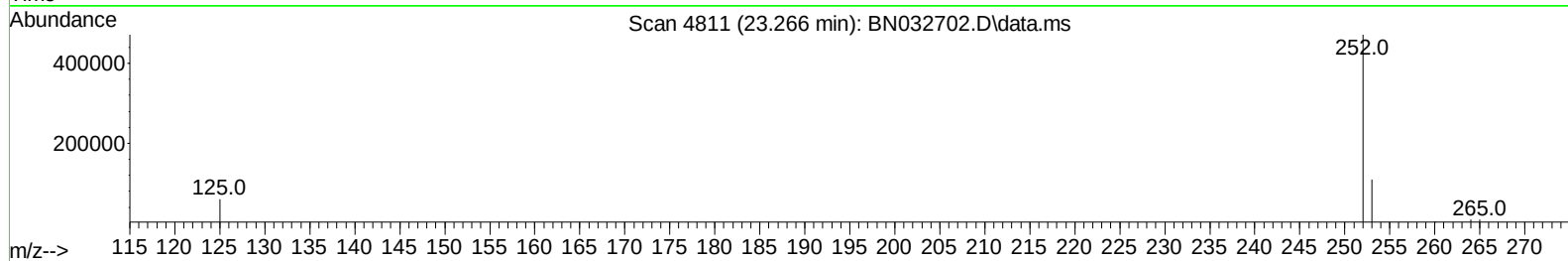
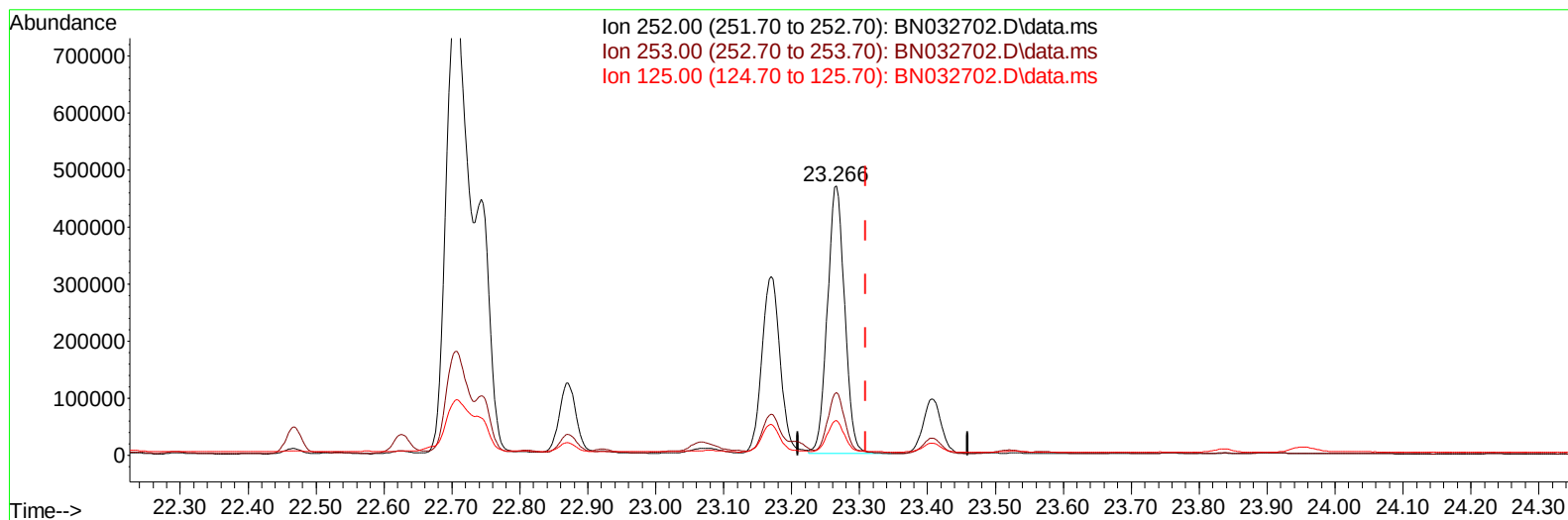
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (-0.044) 10.01 ng/ul m

response 830979

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.23#
125.00	25.70	12.77#
0.00	0.00	0.00

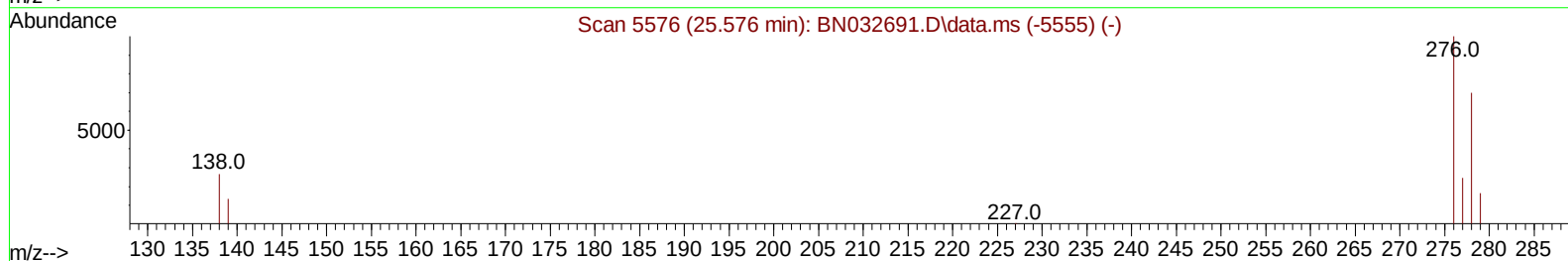
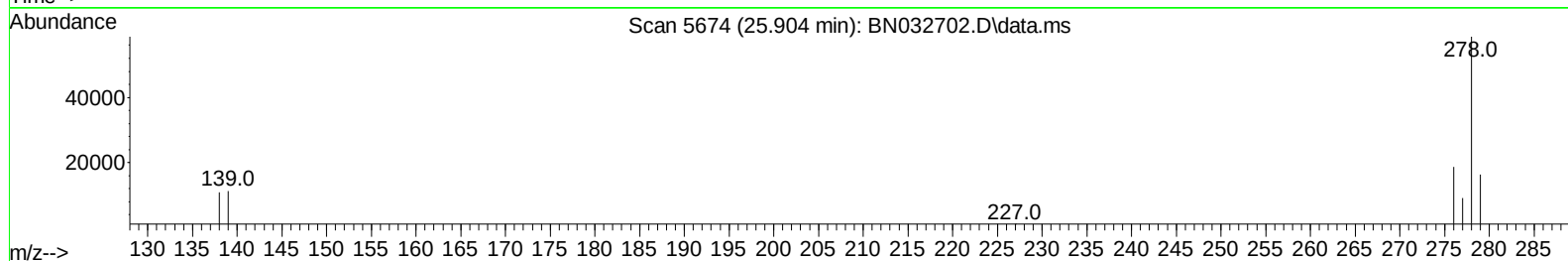
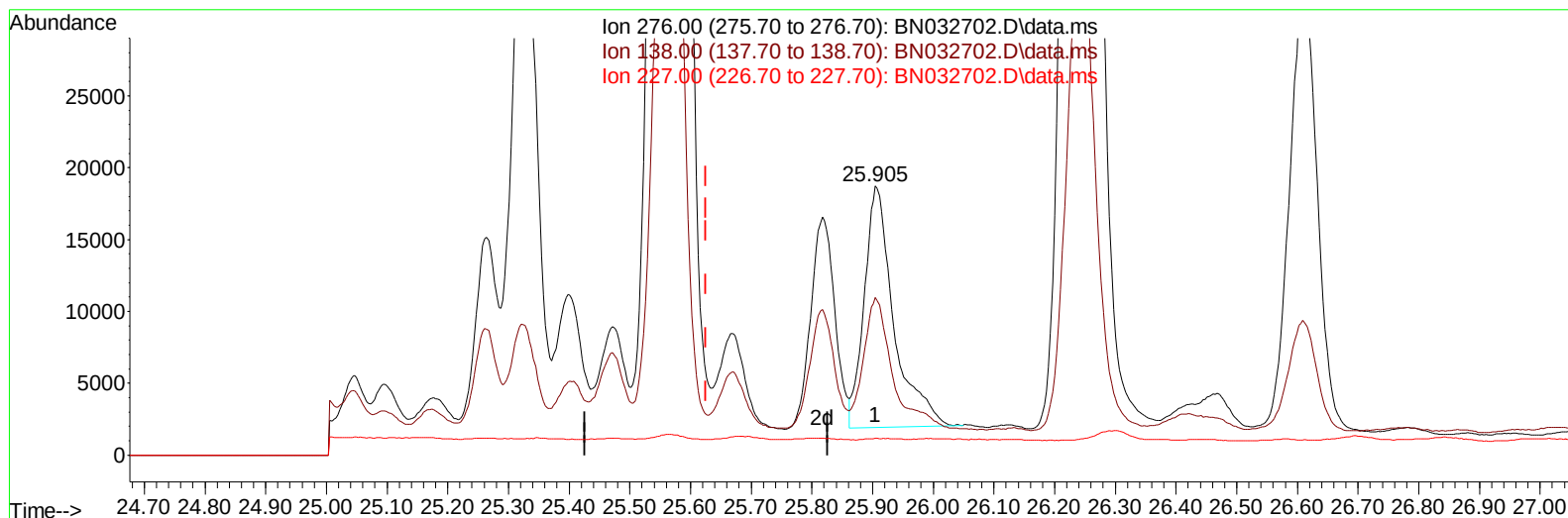
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

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

25.904min (+ 0.278) 0.51 ng/u1

response 56902

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	53.14#
227.00	0.00	0.64#
0.00	0.00	0.00

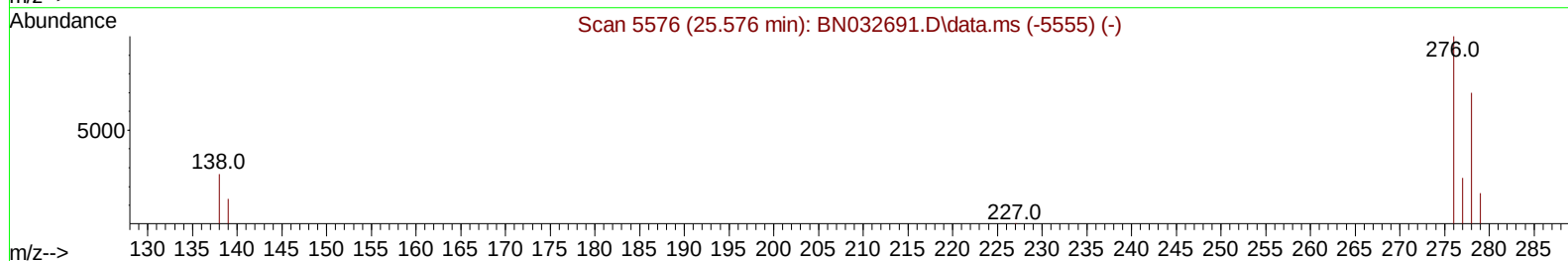
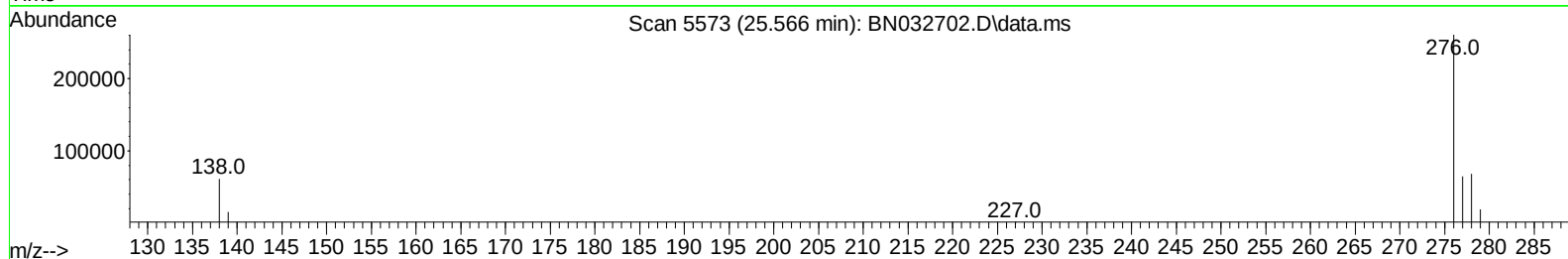
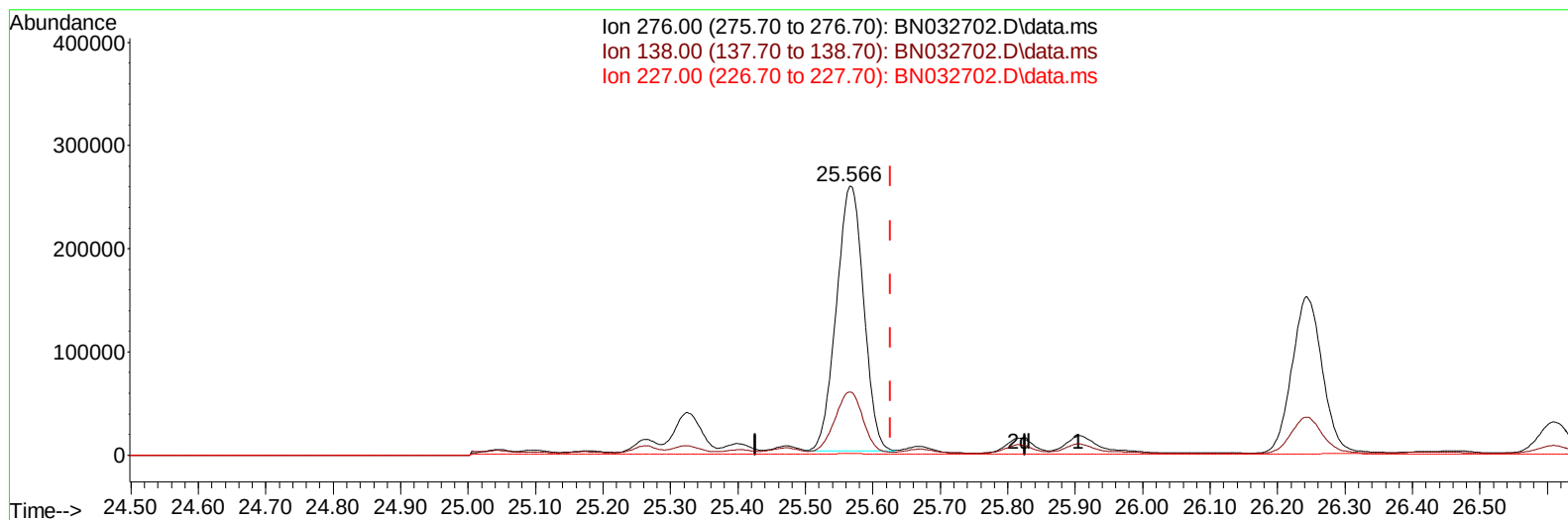
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

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

25.566min (-0.060) 6.40 ng/ul m

response 719267

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.20#
227.00	0.00	0.05#
0.00	0.00	0.00

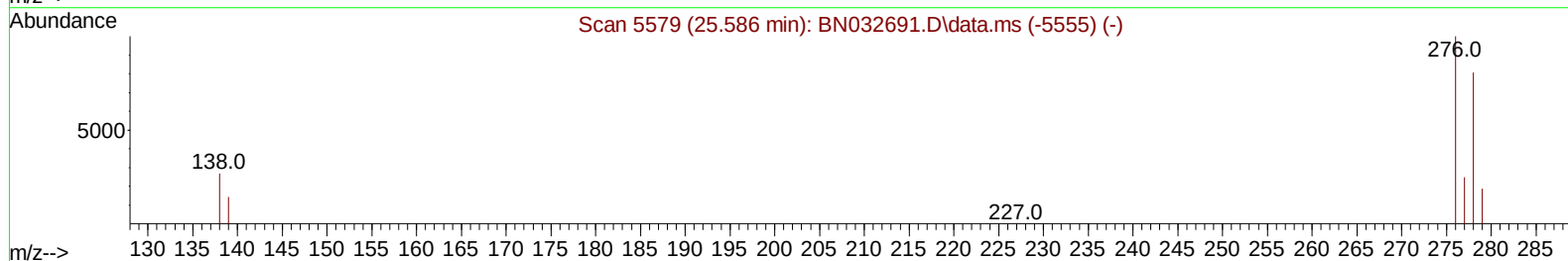
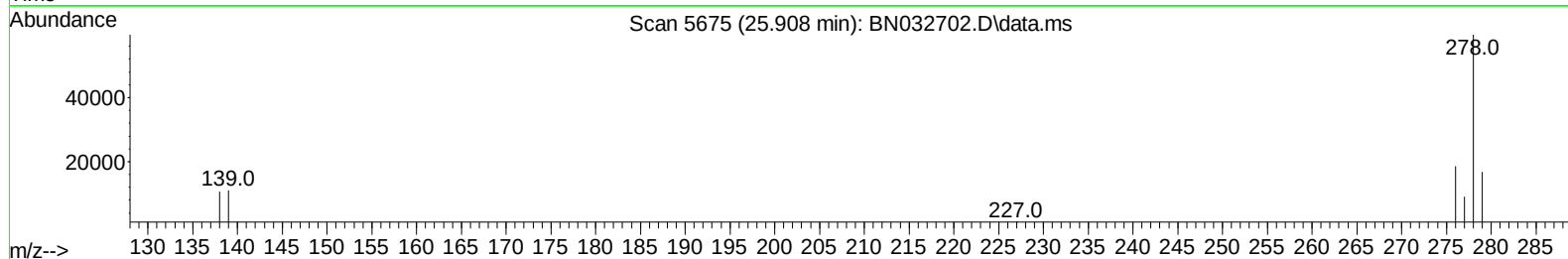
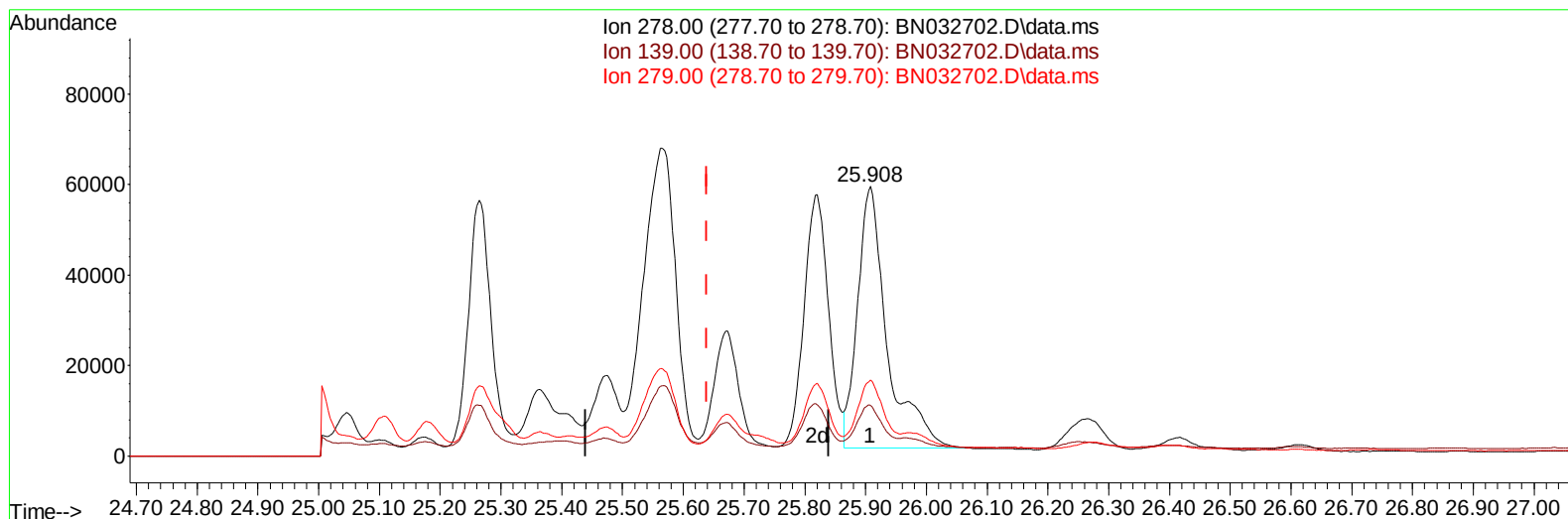
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(28) Dibenzo(a,h)anthracene

25.908min (+ 0.268) 2.24 ng/u1

response 195445

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	18.72
279.00	29.60	28.31
0.00	0.00	0.00

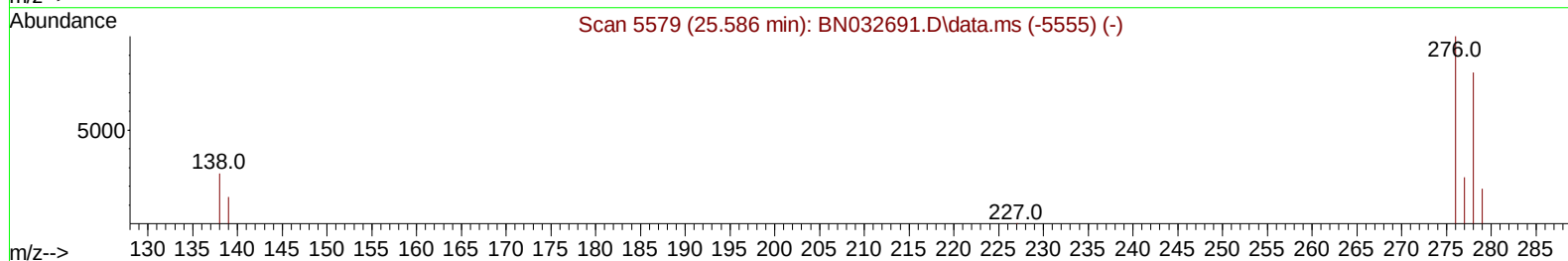
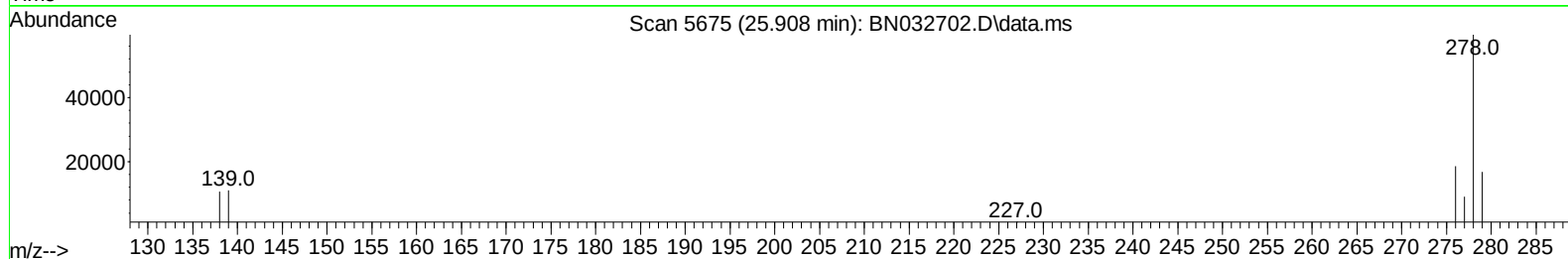
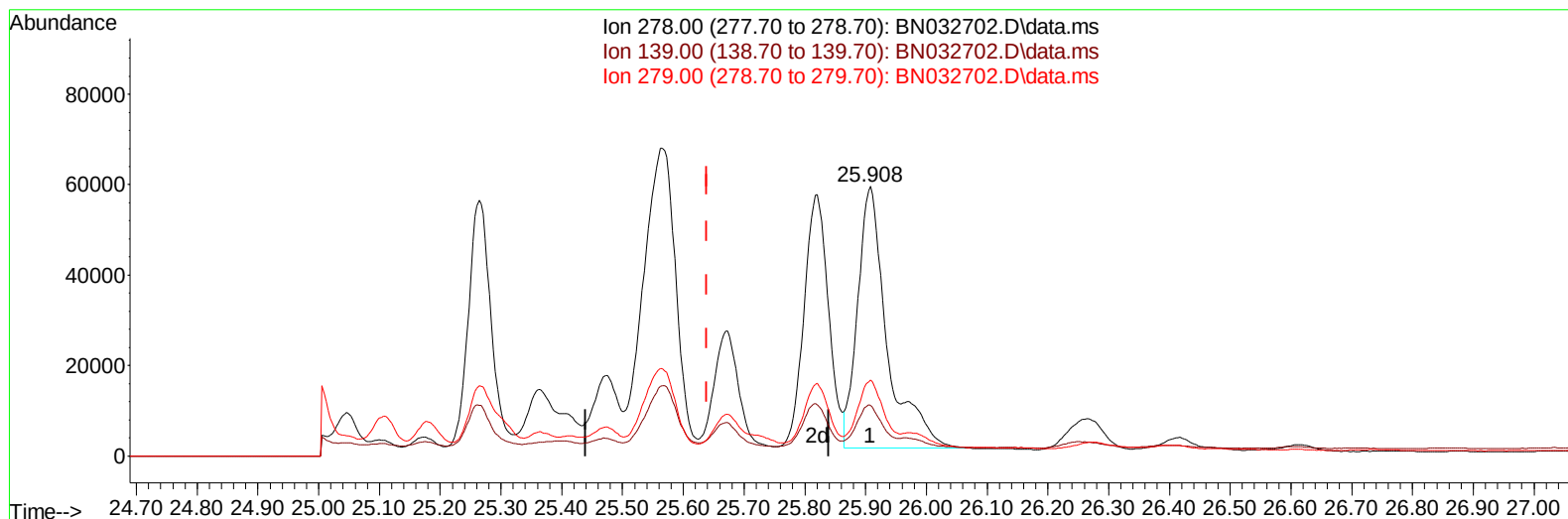
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(28) Dibenzo(a,h)anthracene

25.908min (+ 0.268) 2.24 ng/u1

response 195445

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	18.72
279.00	29.60	28.31
0.00	0.00	0.00

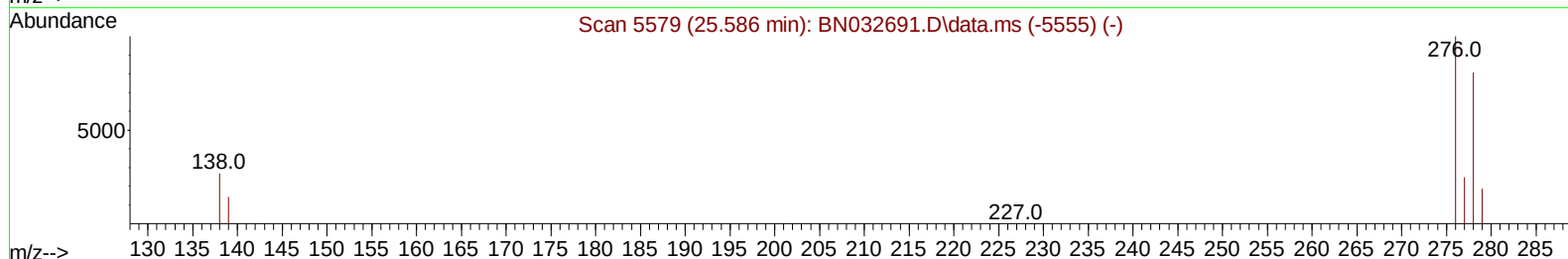
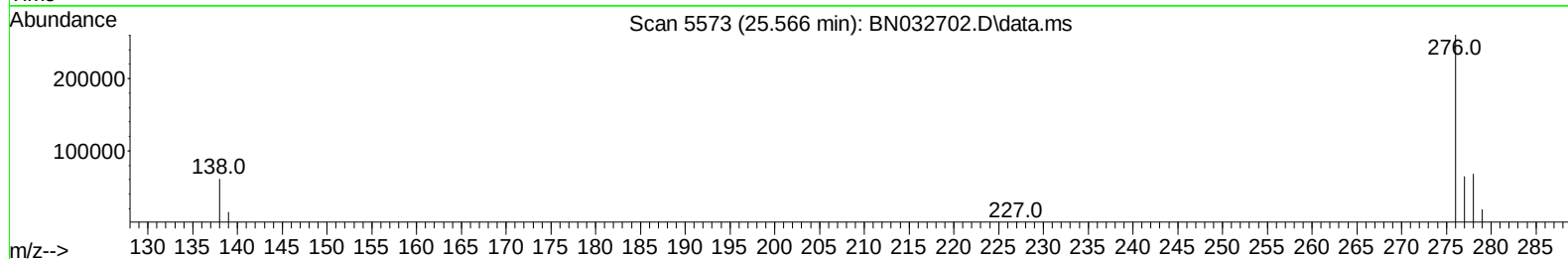
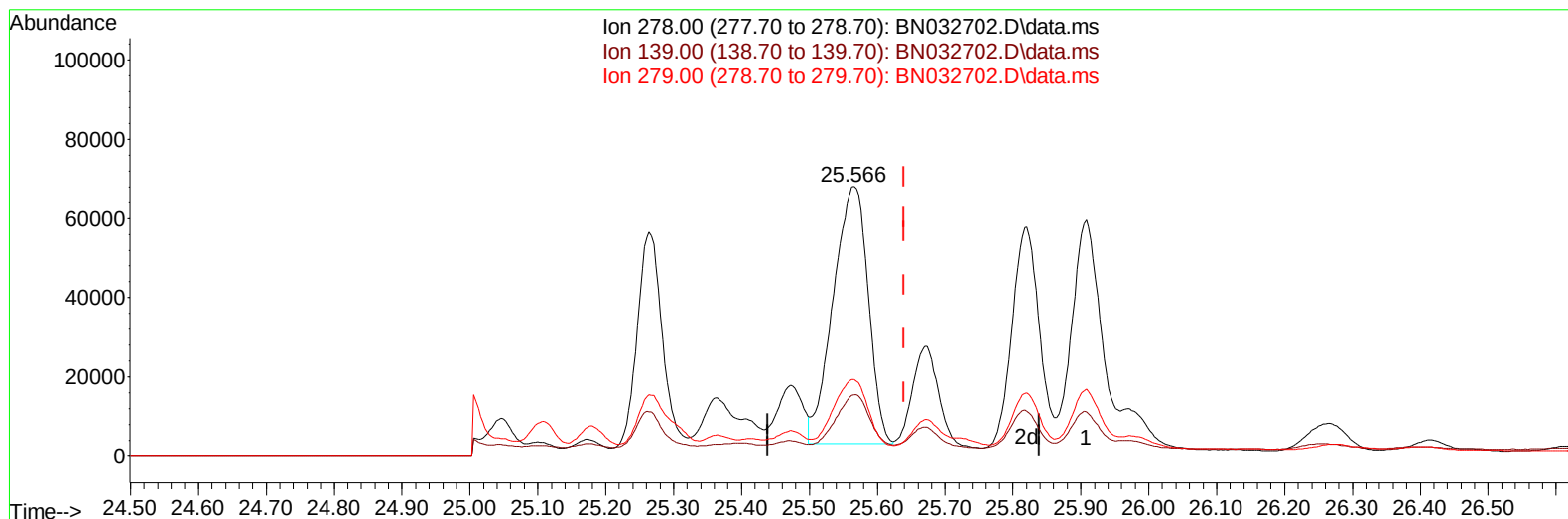
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

(28) Dibenzo(a,h)anthracene

25.566min (-0.074) 2.66 ng/ul m

response 231720

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.86
279.00	29.60	28.40
0.00	0.00	0.00

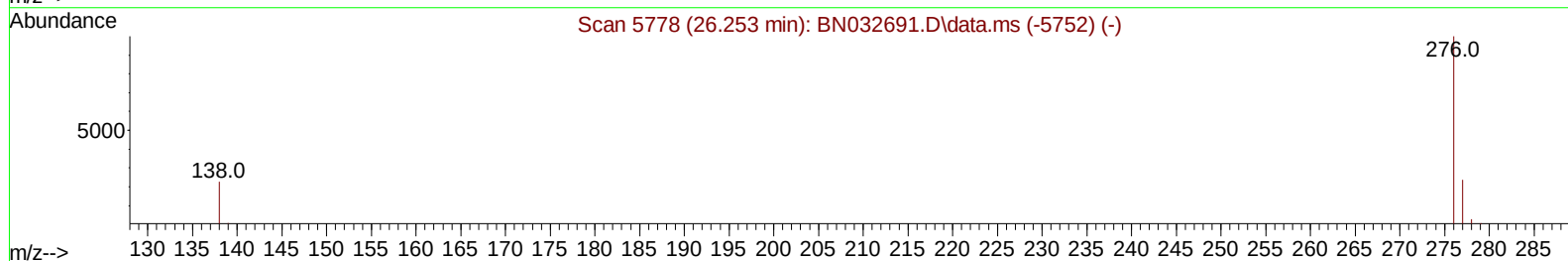
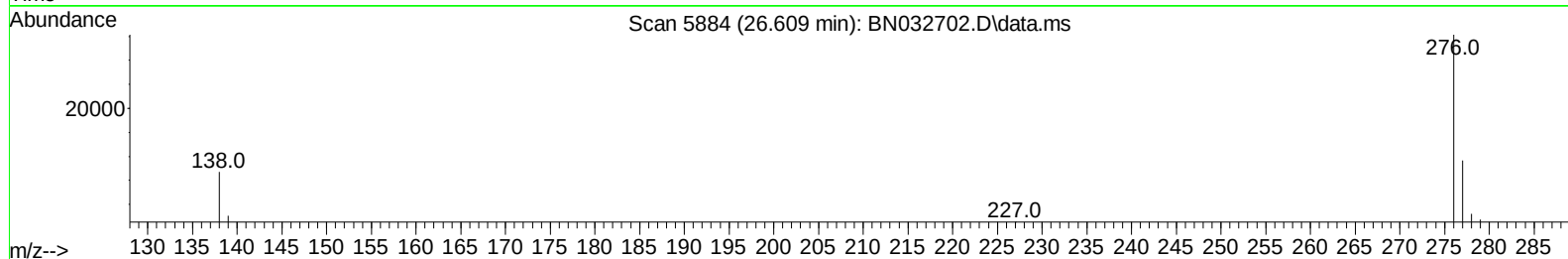
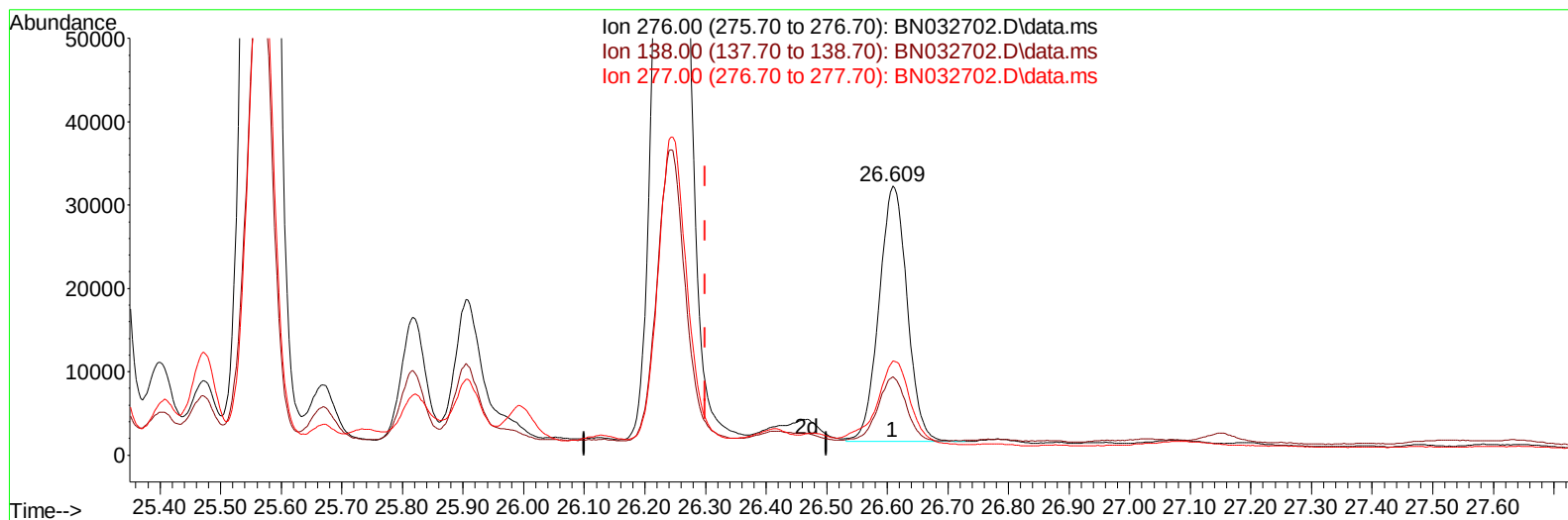
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

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

26.609min (+ 0.309) 1.05 ng/u1

response 98998

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	29.12
277.00	25.80	34.95#
0.00	0.00	0.00

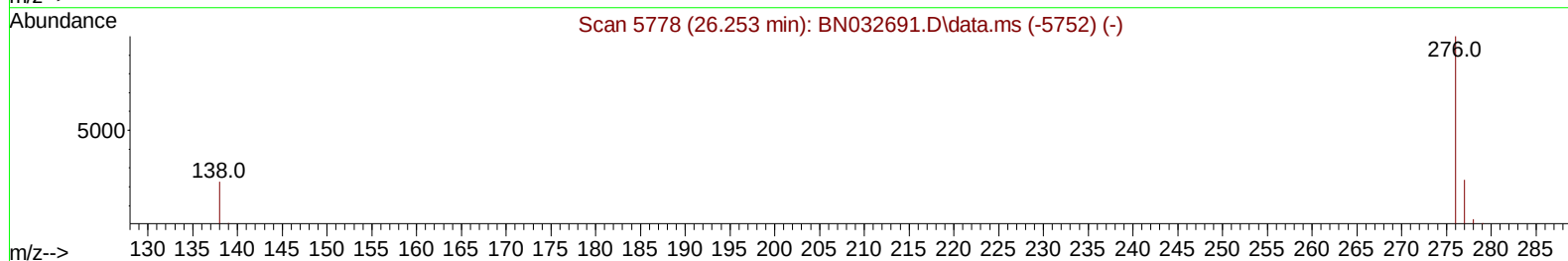
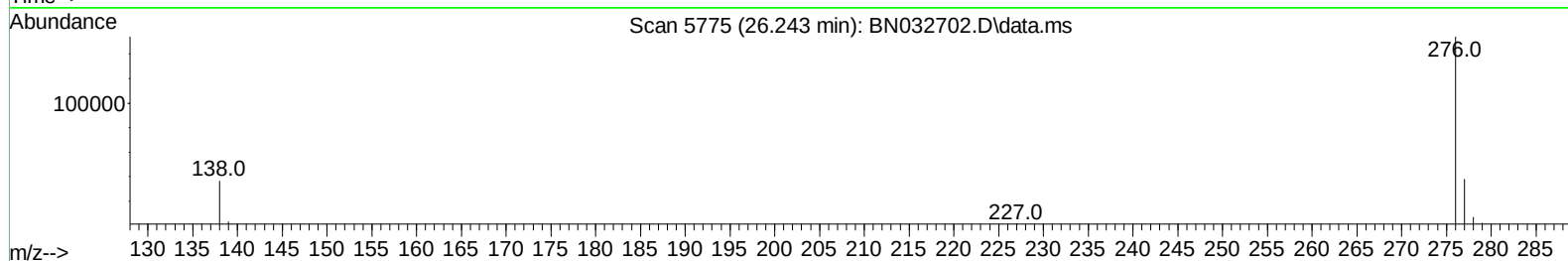
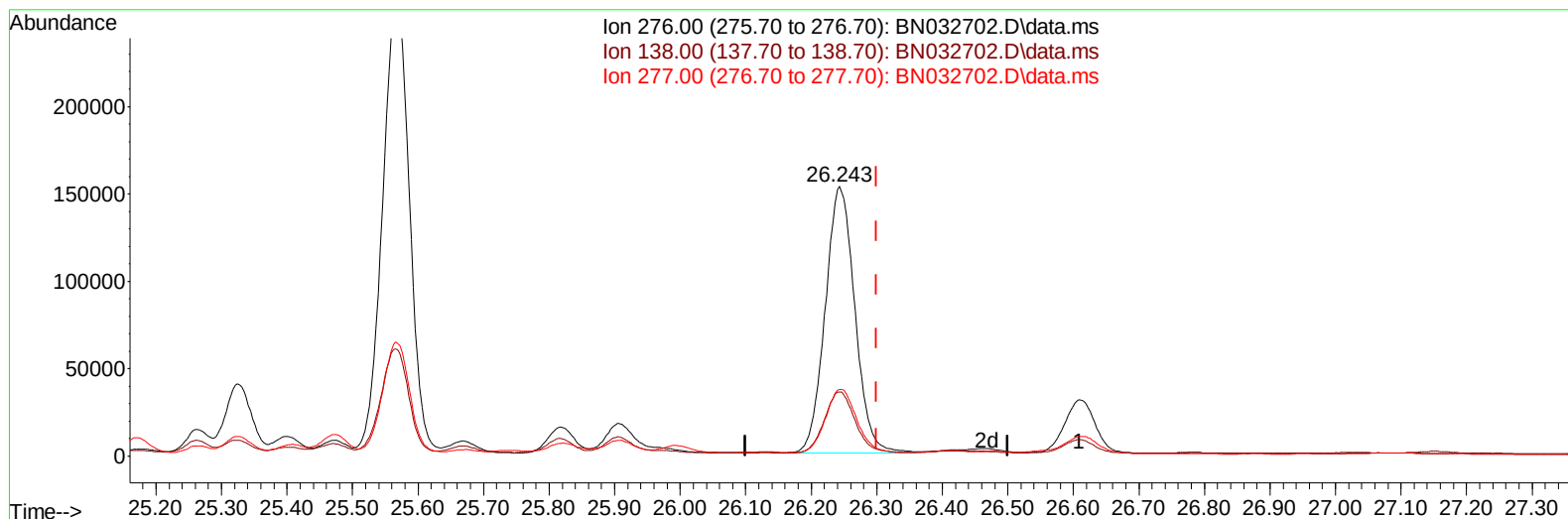
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032702.D\data.ms

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

26.243min (-0.057) 5.11 ng/ul m

response 479524

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	23.76
277.00	25.80	24.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	7158	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	21603	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.193	164	12840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.953	188	27144m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.165	240	20823m	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	27180m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33245	3.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	9226	0.283	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	24884m	0.367	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.365	128	25453	0.439	ng/ul	98
7) 2-Methylnaphthalene	11.993	142	9083	0.251	ng/ul	95
8) 1-Methylnaphthalene	12.213	142	7411	0.198	ng/ul	98
10) Acenaphthylene	13.915	152	65016	1.253	ng/ul	99
11) Acenaphthene	14.258	153	36675	0.855	ng/ul	99
12) Fluorene	15.252	166	46009	0.938	ng/ul	98
14) Pentachlorophenol	16.628	266	348m	0.073	ng/ul	
15) Phenanthrene	16.995	178	1098955m	14.866	ng/ul	
16) Anthracene	17.088	178	214973m	3.559	ng/ul	
19) Fluoranthene	19.027	202	2456883m	29.020	ng/ul	
20) Pyrene	19.394	202	1779323m	20.304	ng/ul	
21) Benzo(a)anthracene	21.150	228	1125743m	16.984	ng/ul	
22) Chrysene	21.200	228	1302468m	13.584	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1752490m	18.274	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	683872m	5.852	ng/ul	
26) Benzo(a)pyrene	23.266	252	830979m	10.013	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.566	276	719267m	6.401	ng/ul	
28) Dibenzo(a,h)anthracene	25.566	278	231720m	2.660	ng/ul	
29) Benzo(g,h,i)perylene	26.243	276	479524m	5.106	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:55:54 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

