

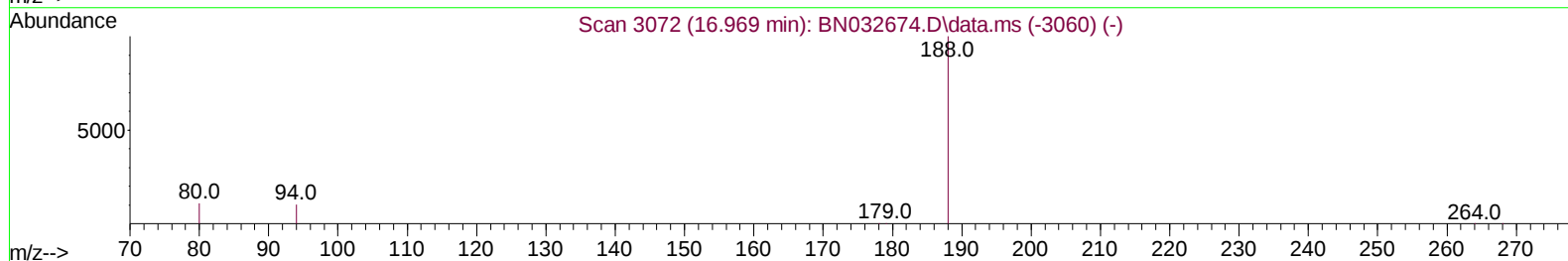
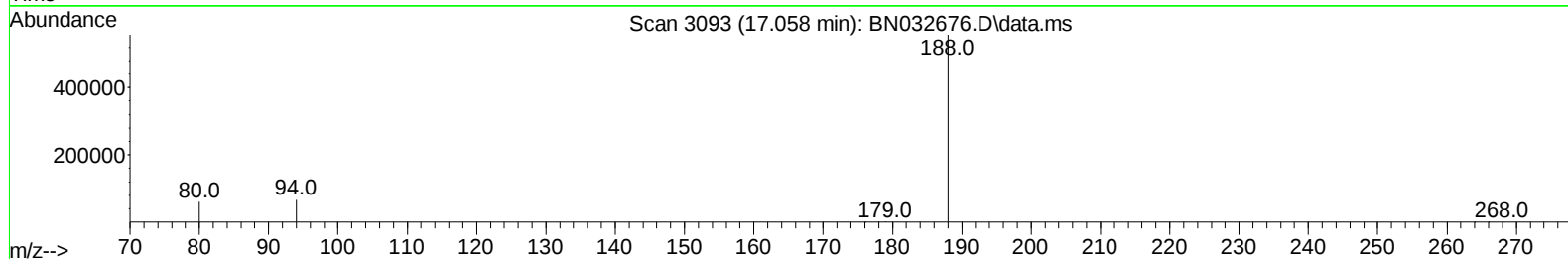
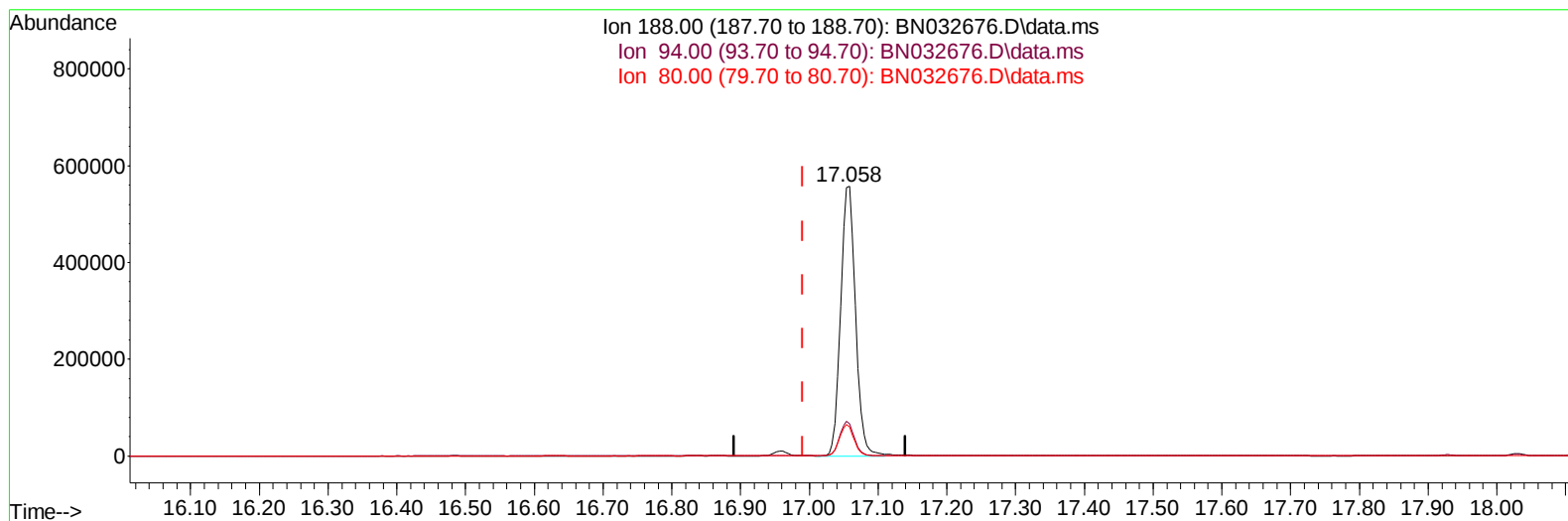
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(13) Phenanthrene-d10 (I)

17.058min (+ 0.068) 0.40 ng/u1

response 837403

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.98
80.00	12.00	10.72
0.00	0.00	0.00

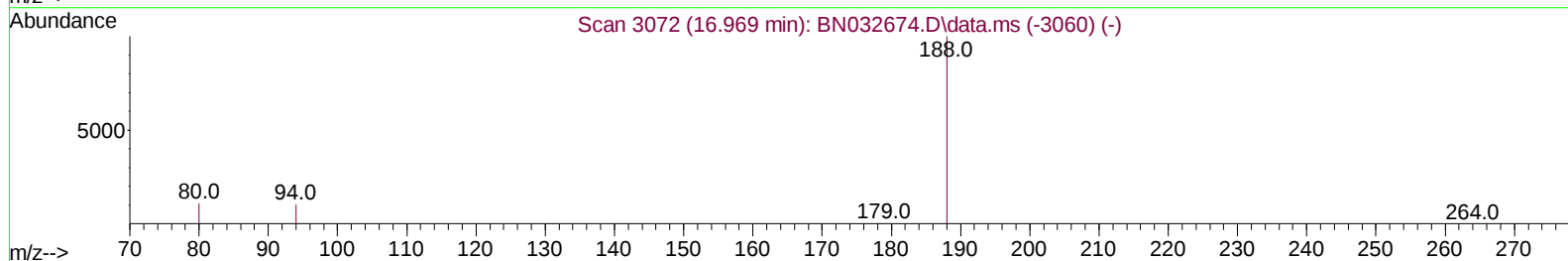
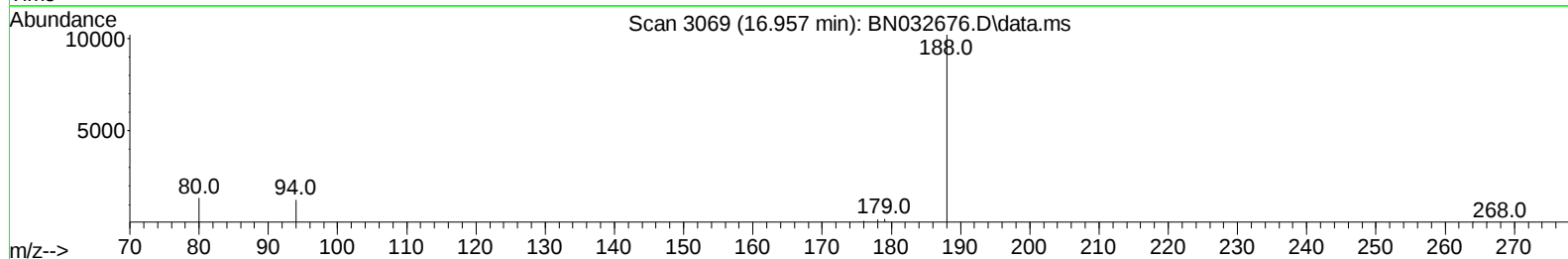
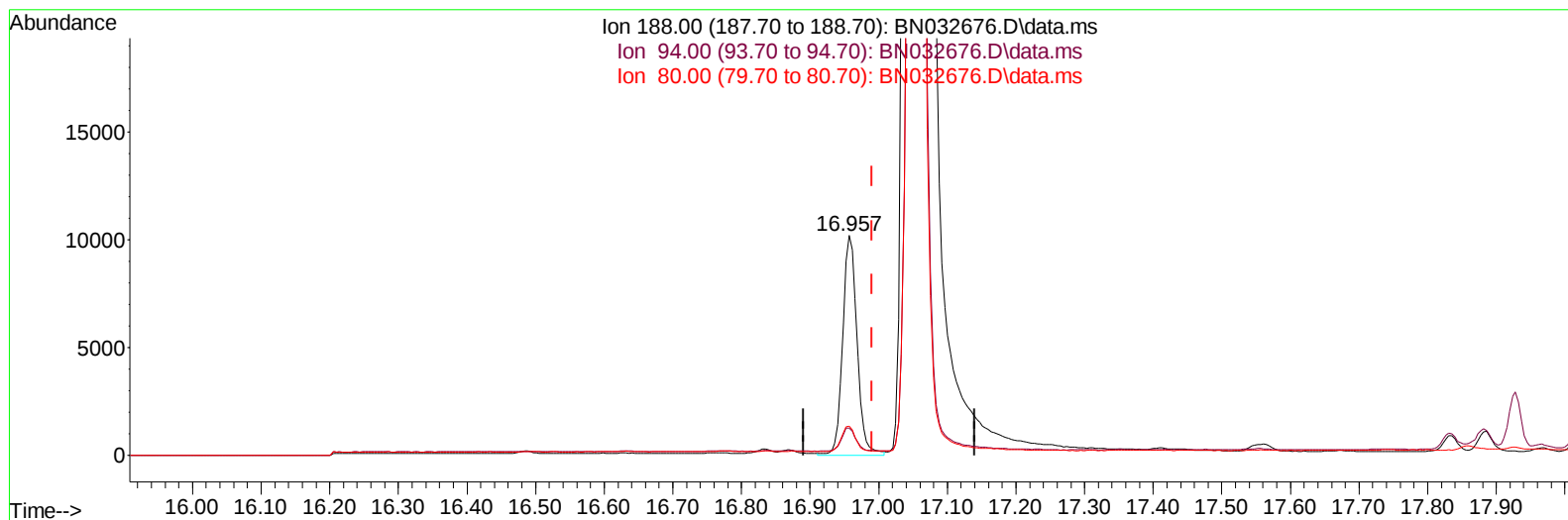
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.034) 0.40 ng/u1 m

response 14751

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.38
80.00	12.00	13.29
0.00	0.00	0.00

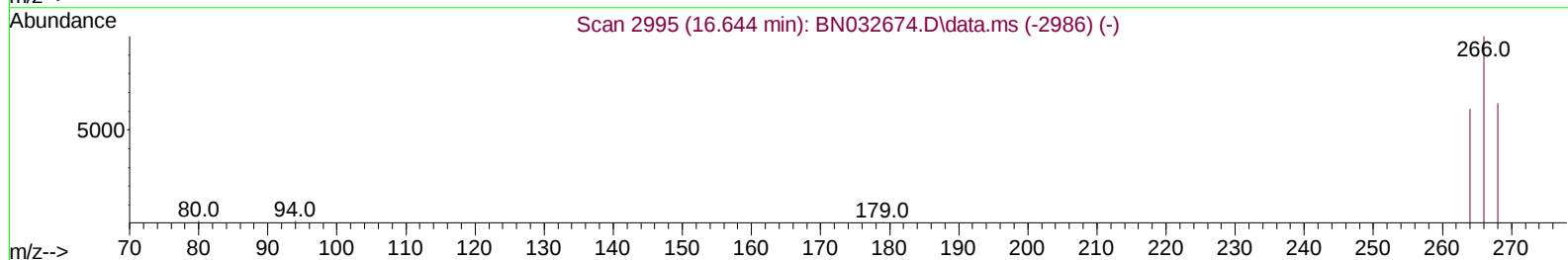
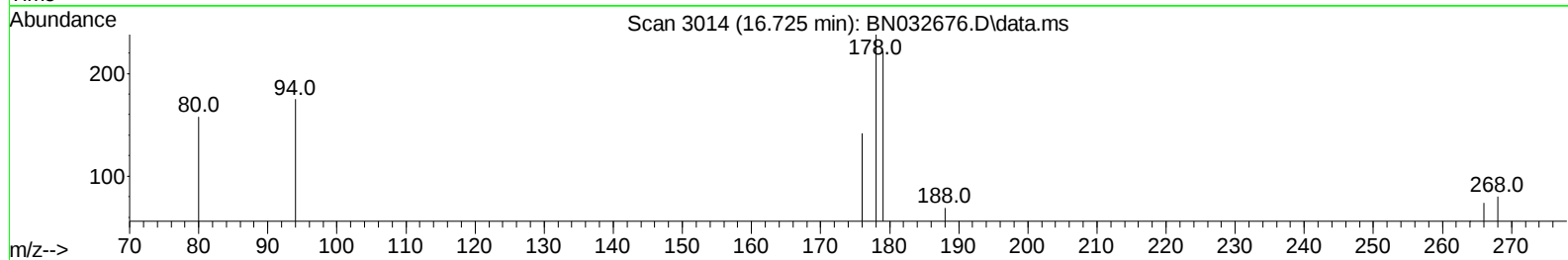
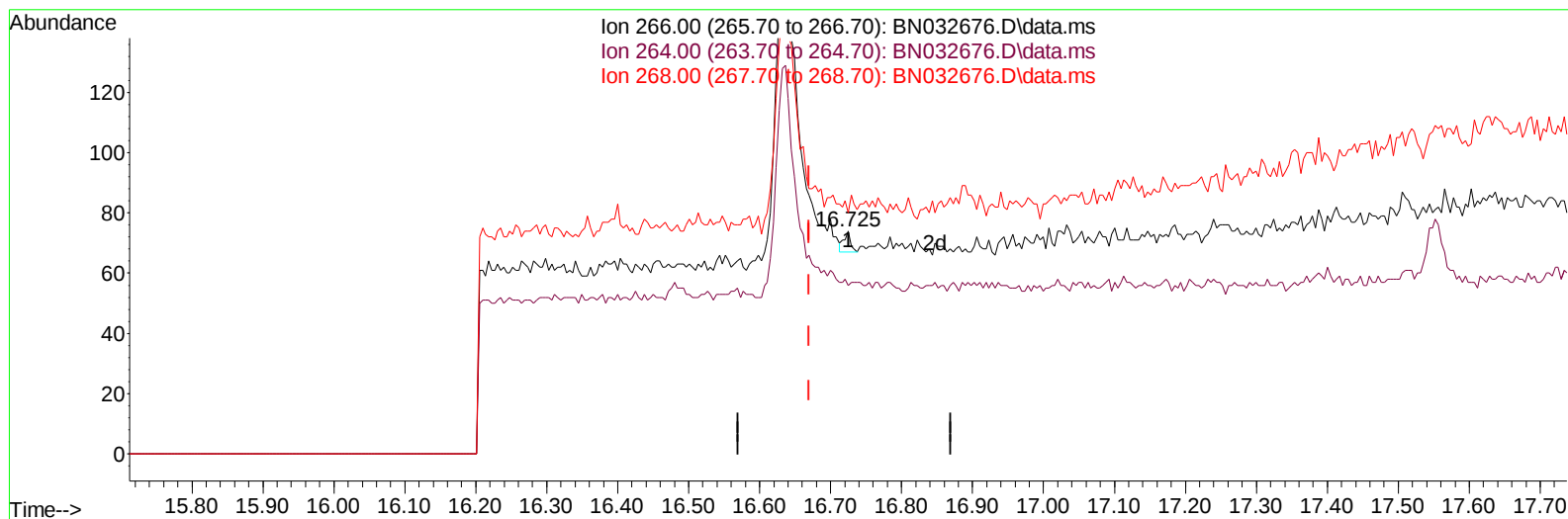
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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
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Reviewed By :Yogesh Patel 07/13/2024
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TIC: BN032676.D\data.ms

(14) Pentachlorophenol

16.725min (+ 0.055) 0.00 ng/u1

response	5	
Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	60.00
0.00	0.00	0.00

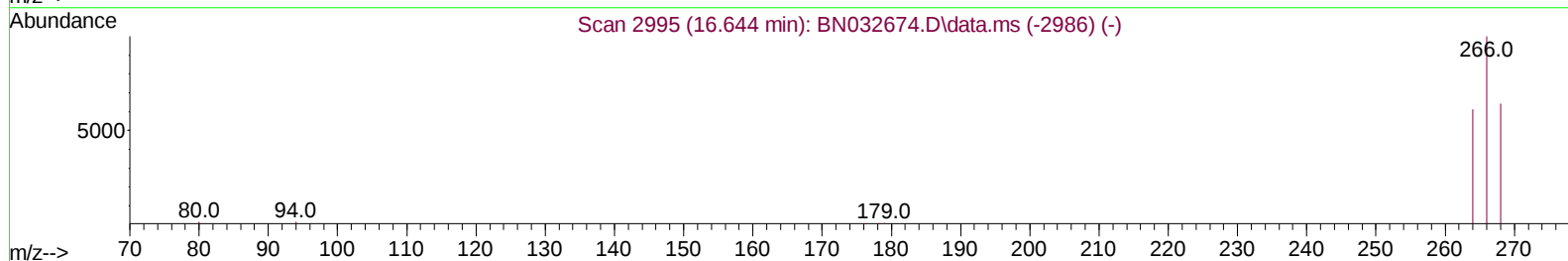
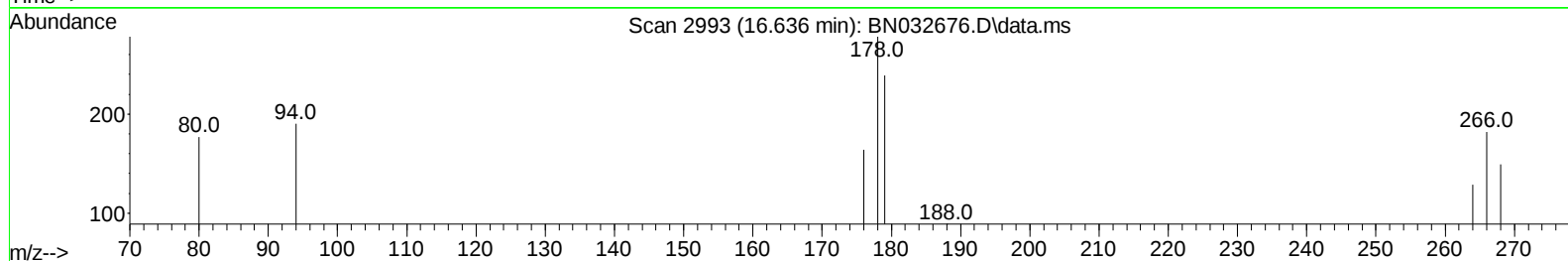
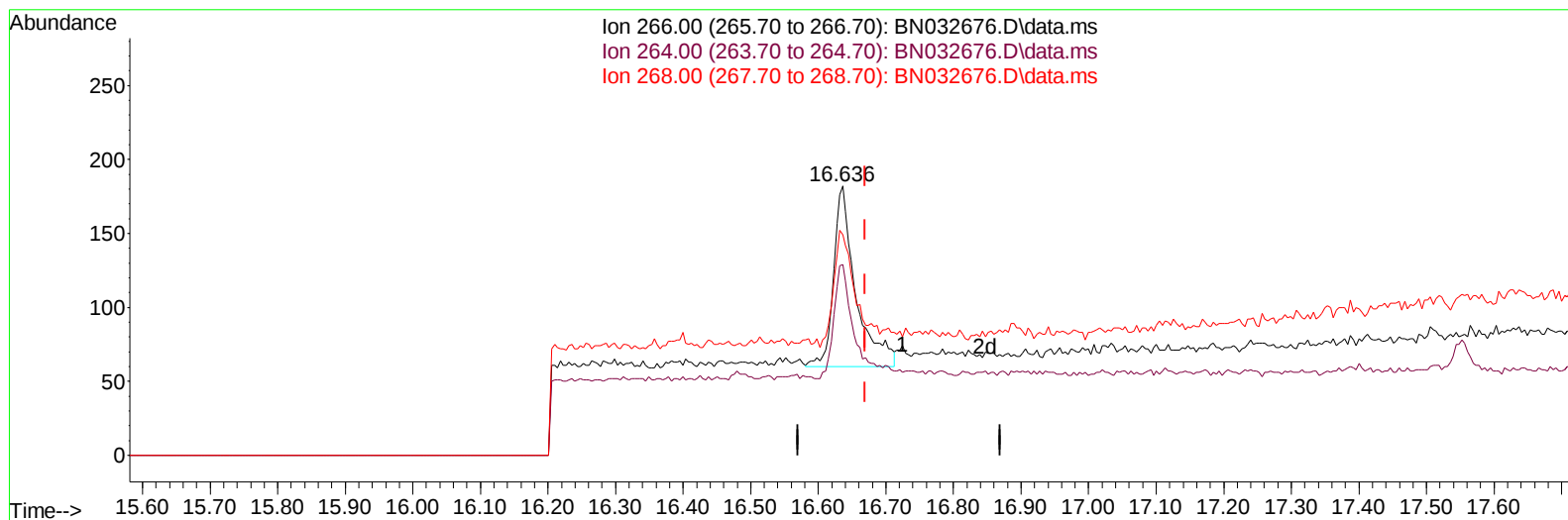
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(14) Pentachlorophenol

16.636min (-0.034) 0.11 ng/ul m

response 279

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	1.08#
0.00	0.00	0.00

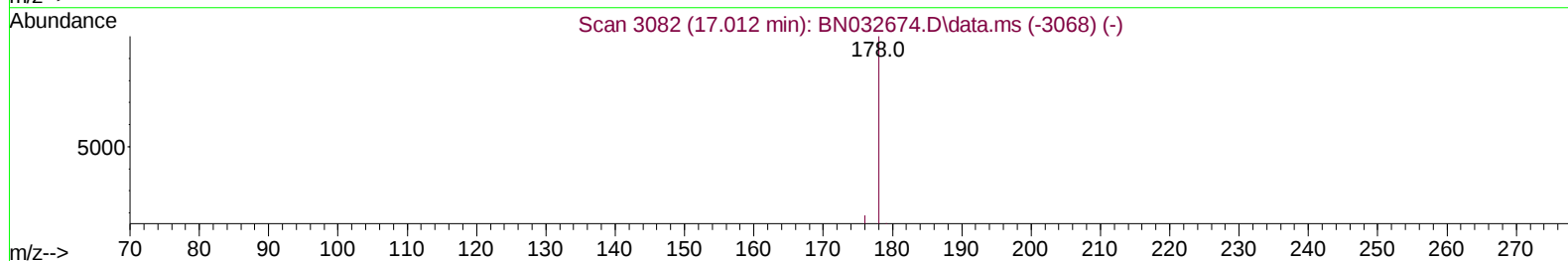
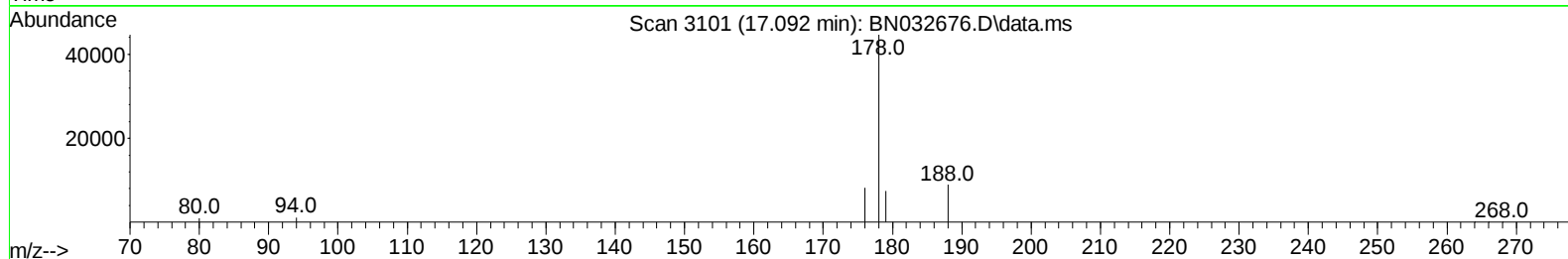
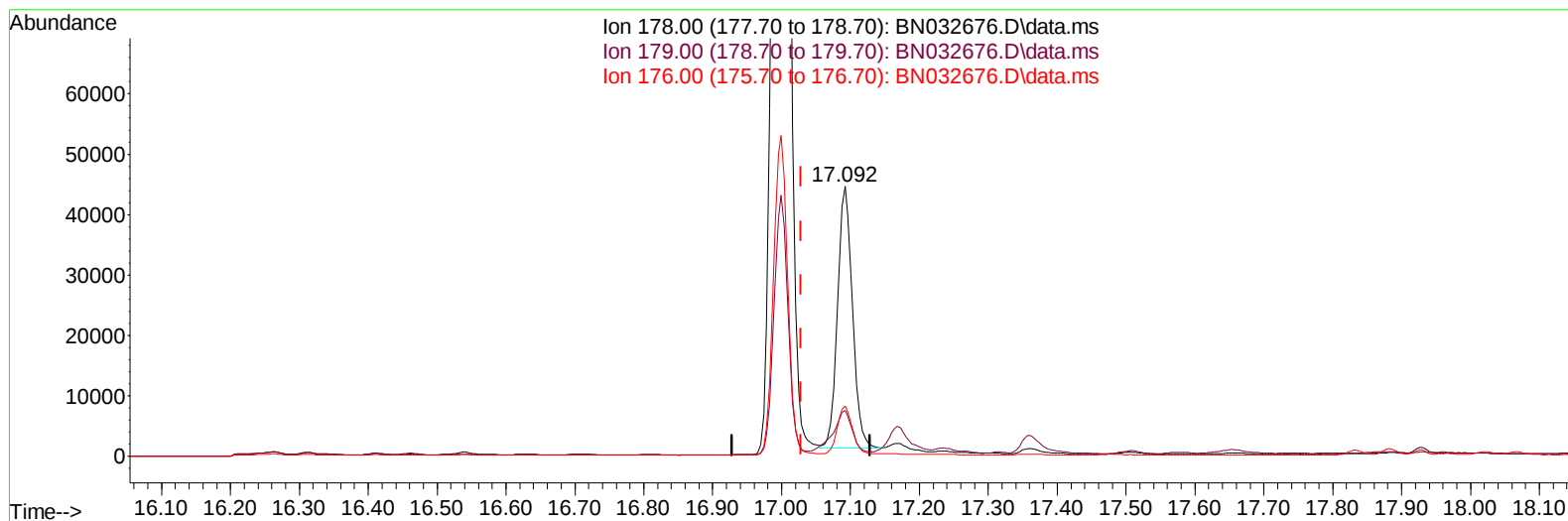
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 1.62 ng/u1

response 65171

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.81
176.00	19.50	18.49
0.00	0.00	0.00

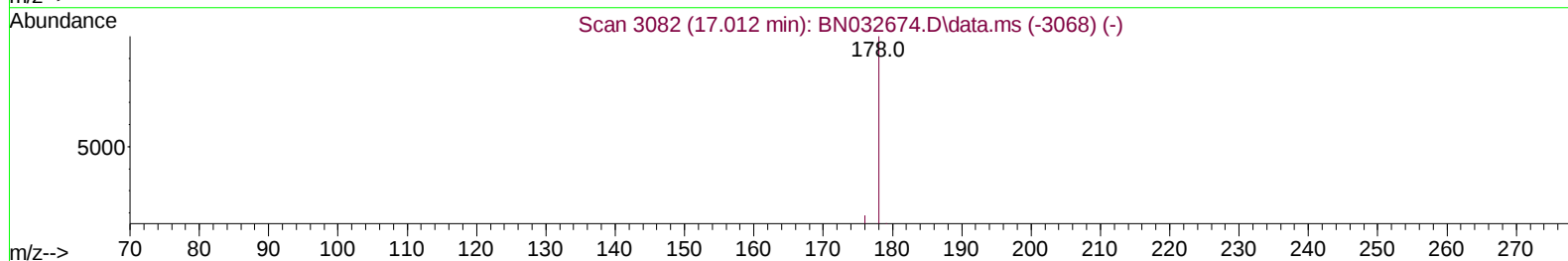
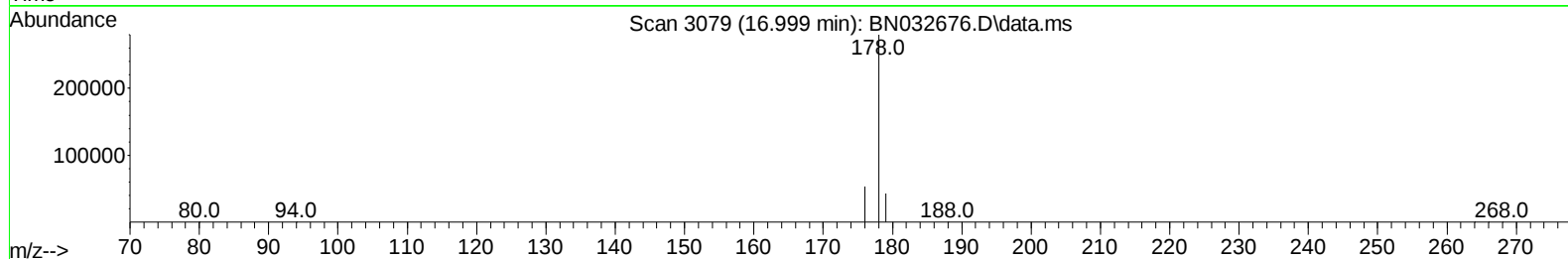
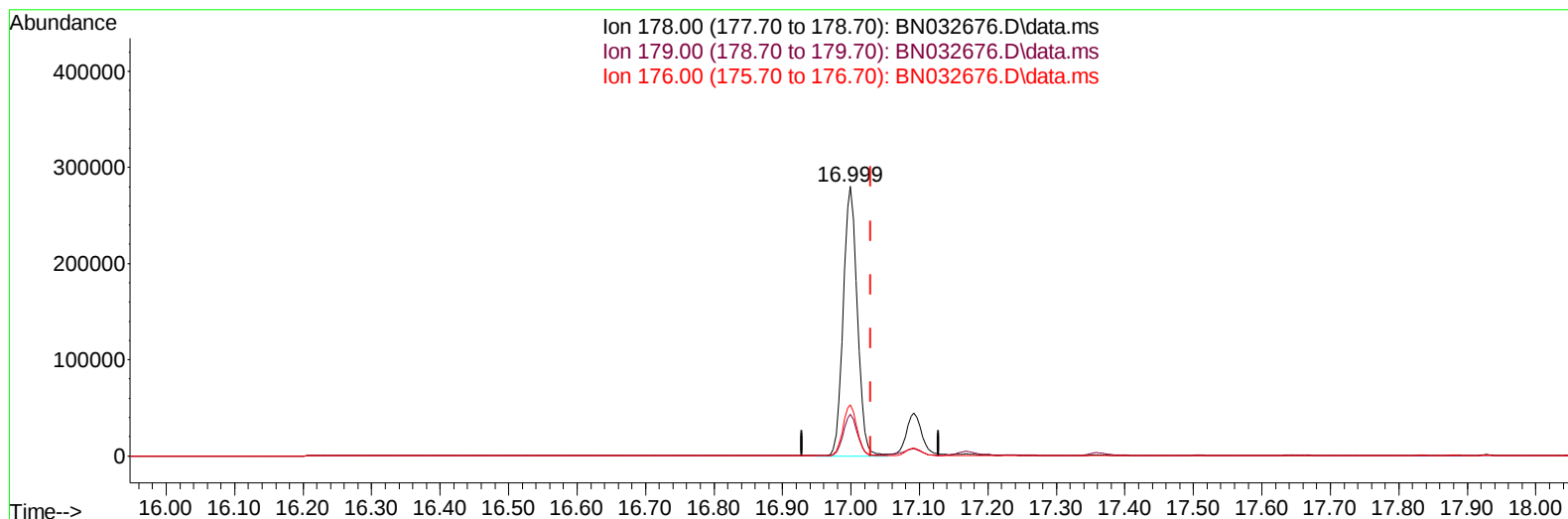
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(15) Phenanthrene

16.999min (-0.029) 10.01 ng/ul m

response 402259

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.41
176.00	19.50	18.97
0.00	0.00	0.00

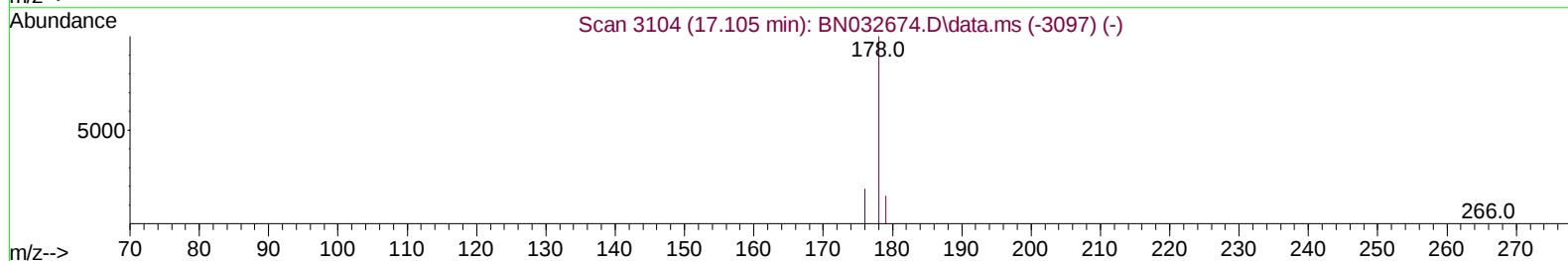
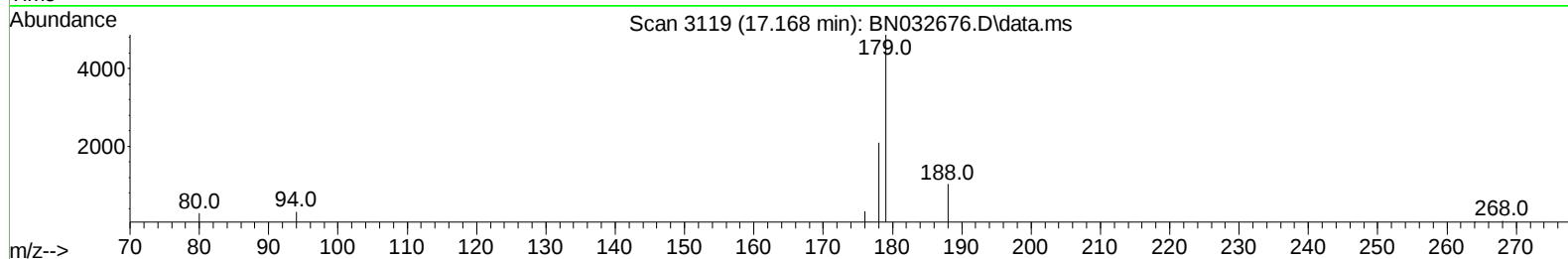
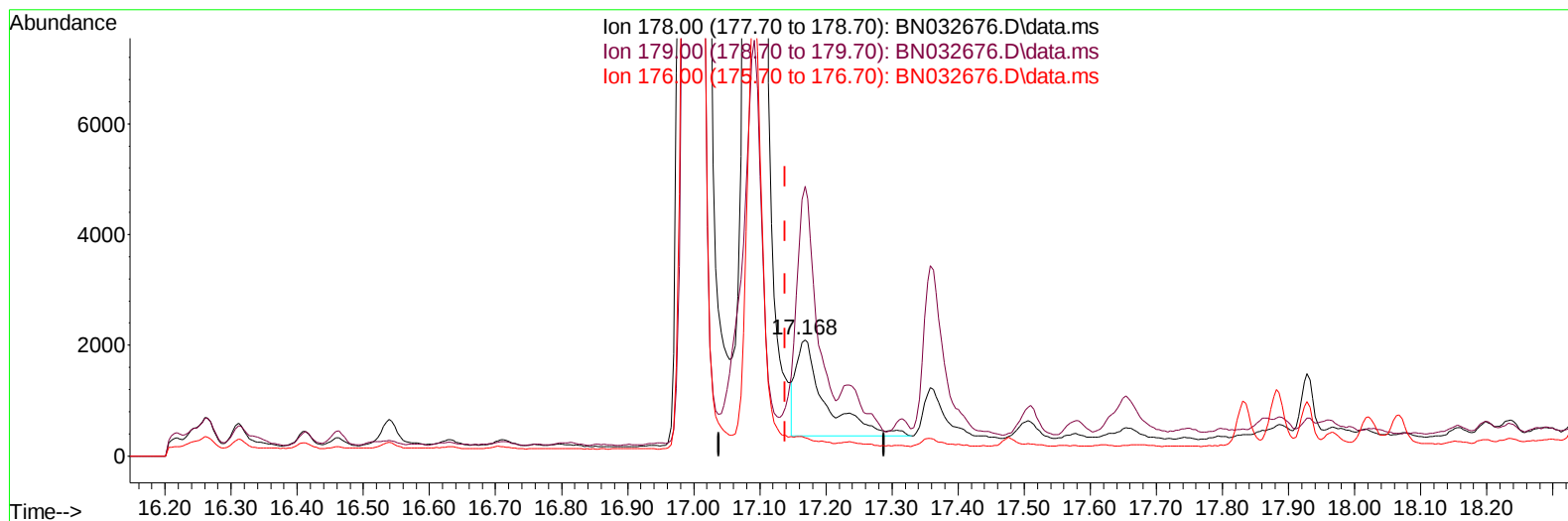
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(16) Anthracene

17.168min (+ 0.030) 0.17 ng/u1

response 5438

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	231.81#
176.00	19.20	15.71
0.00	0.00	0.00

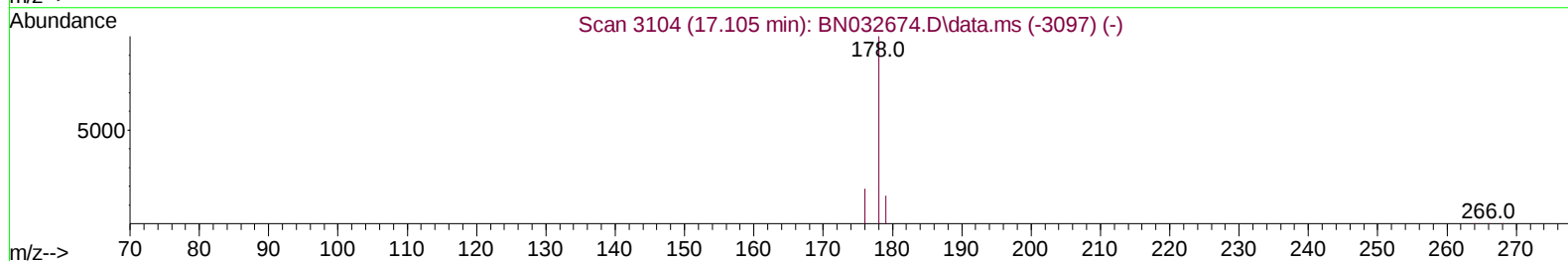
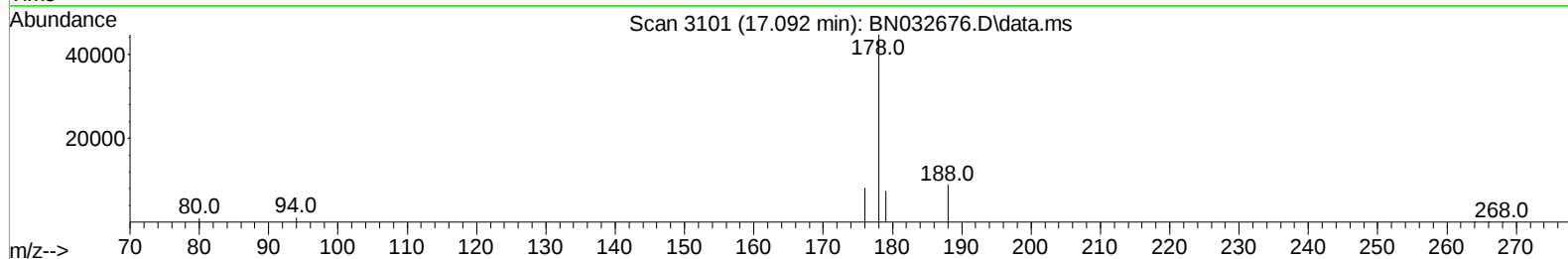
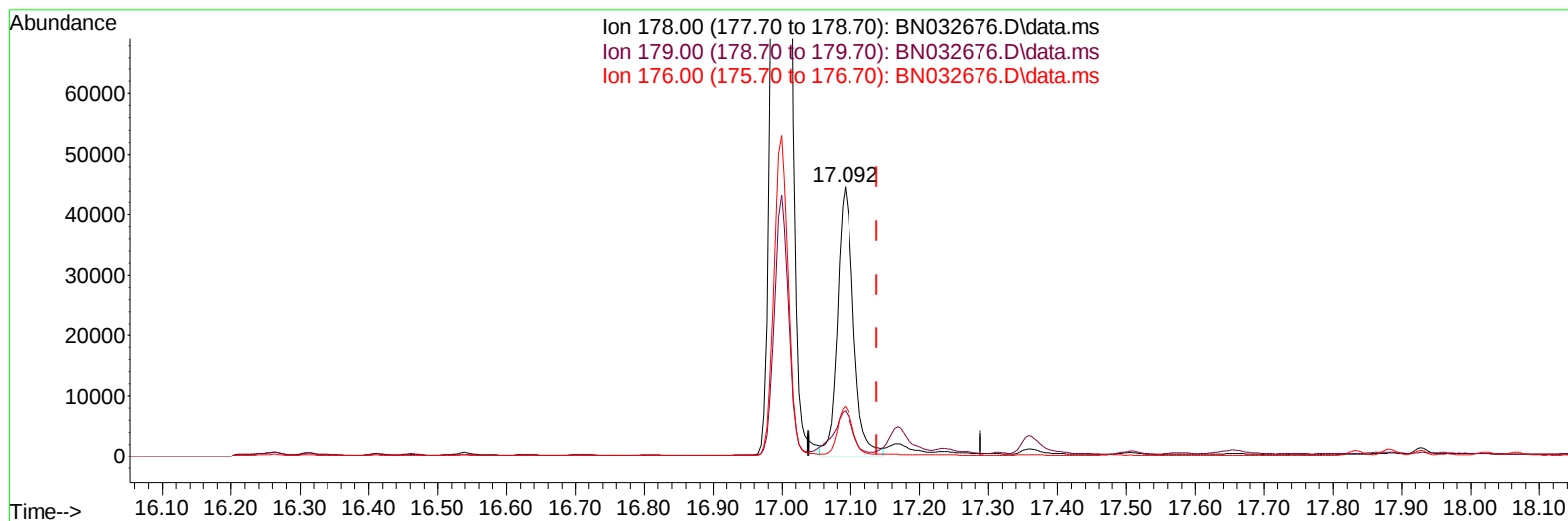
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(16) Anthracene

17.092min (-0.046) 2.21 ng/ul m

response 72560

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.81
176.00	19.20	18.49
0.00	0.00	0.00

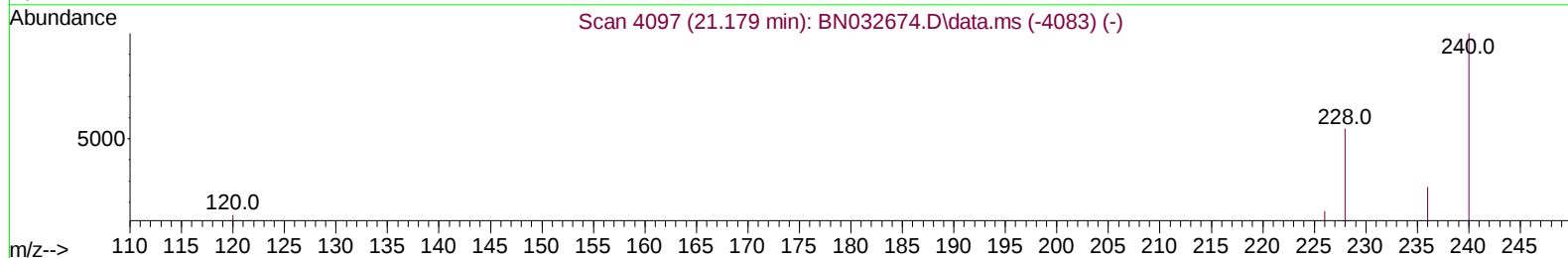
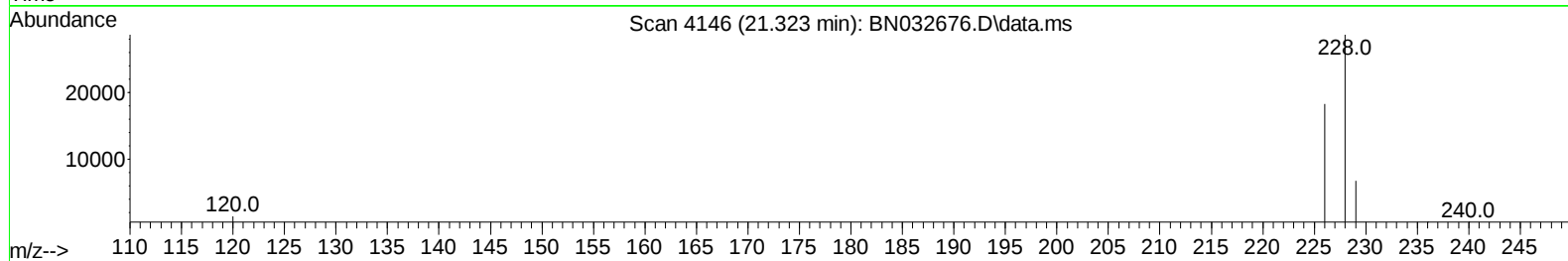
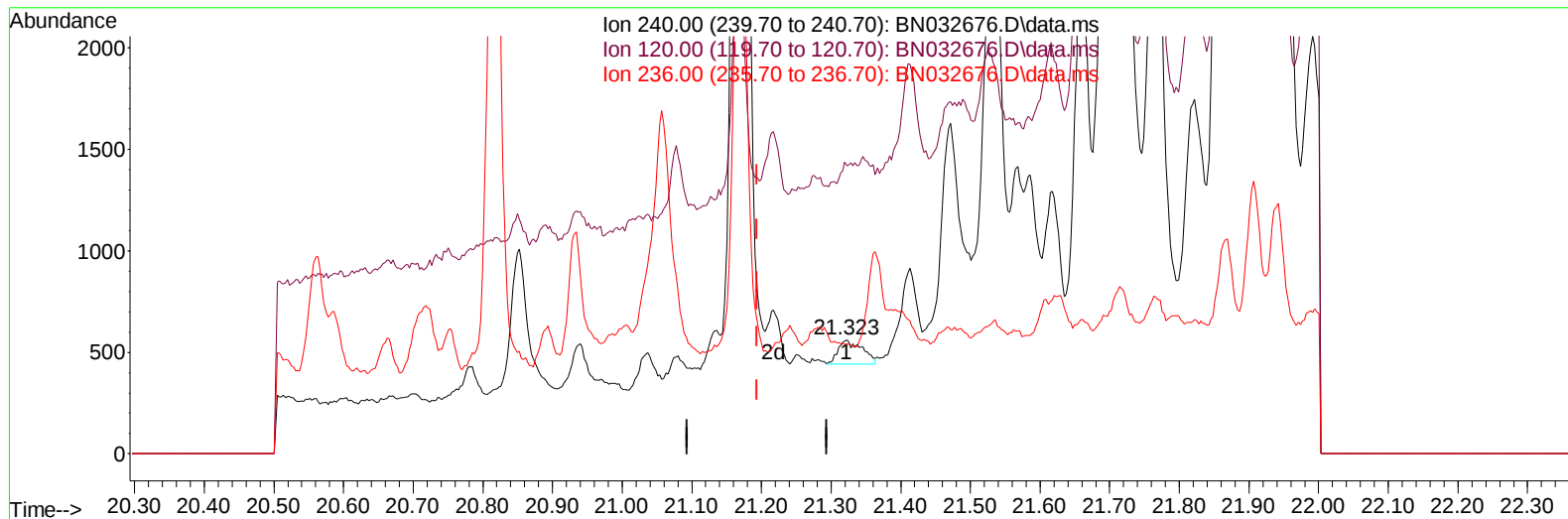
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(17) Chrysene-d12

21.323min (+ 0.129) 0.40 ng/u1

response 285

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	252.41#
236.00	28.40	96.61#
0.00	0.00	0.00

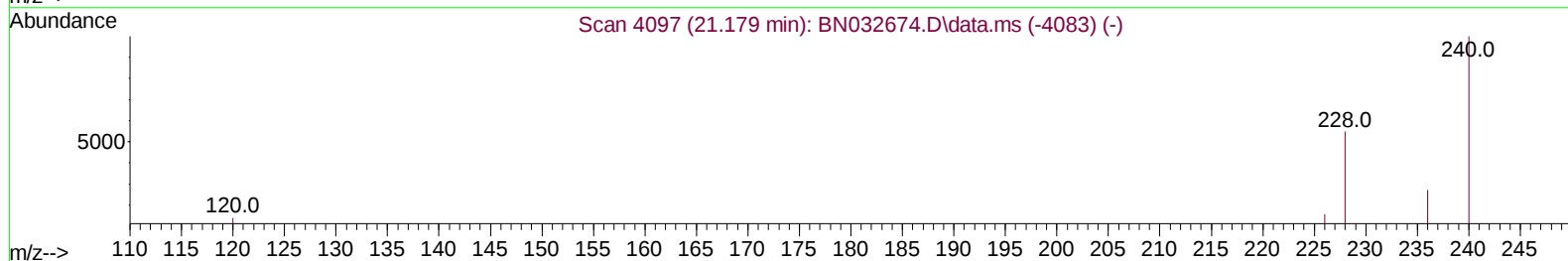
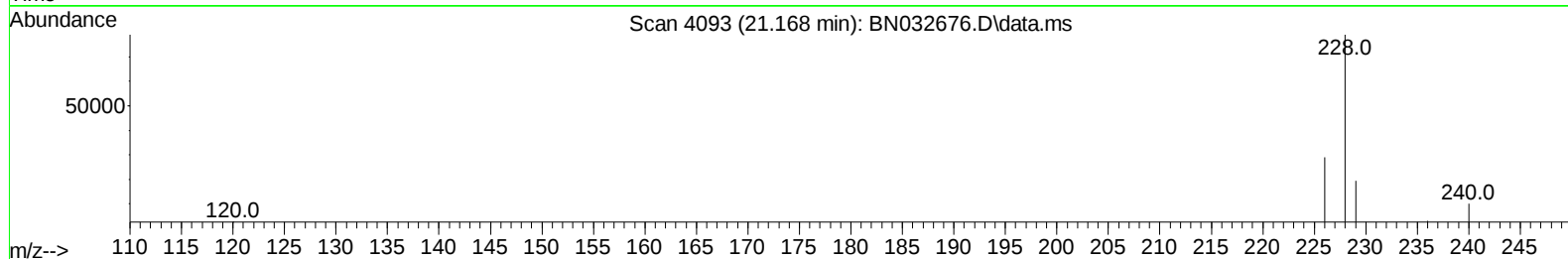
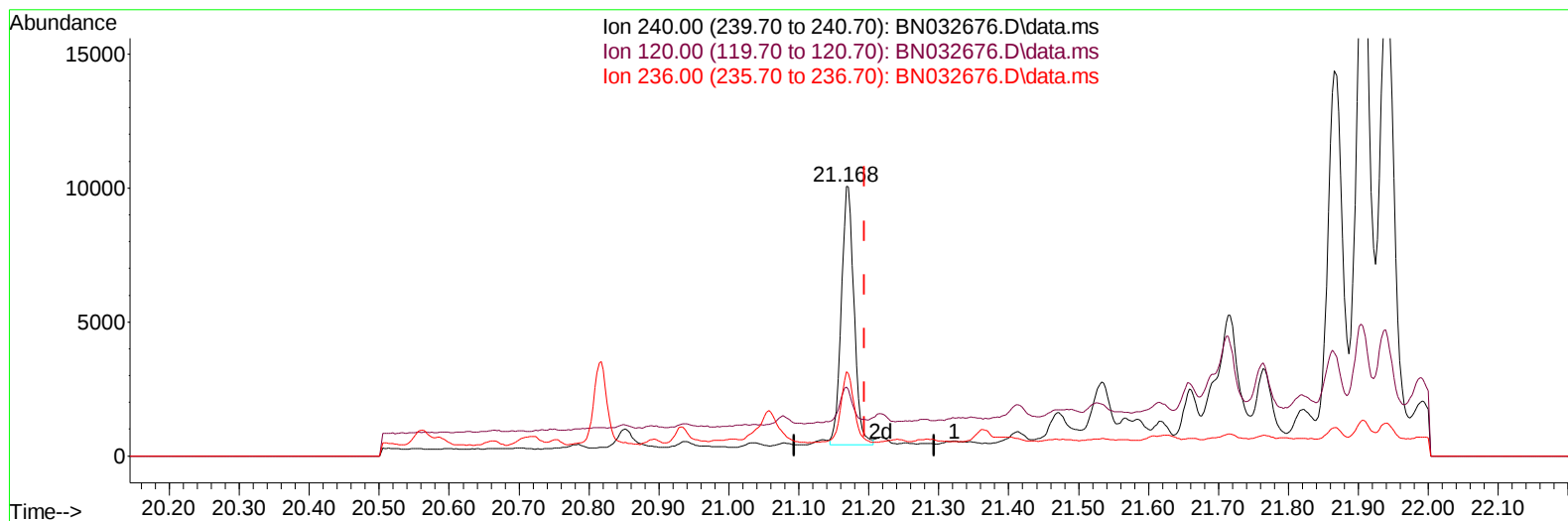
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(17) Chrysene-d12

21.168min (-0.026) 0.40 ng/u1 m

response 12245

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	25.63#
236.00	28.40	31.24
0.00	0.00	0.00

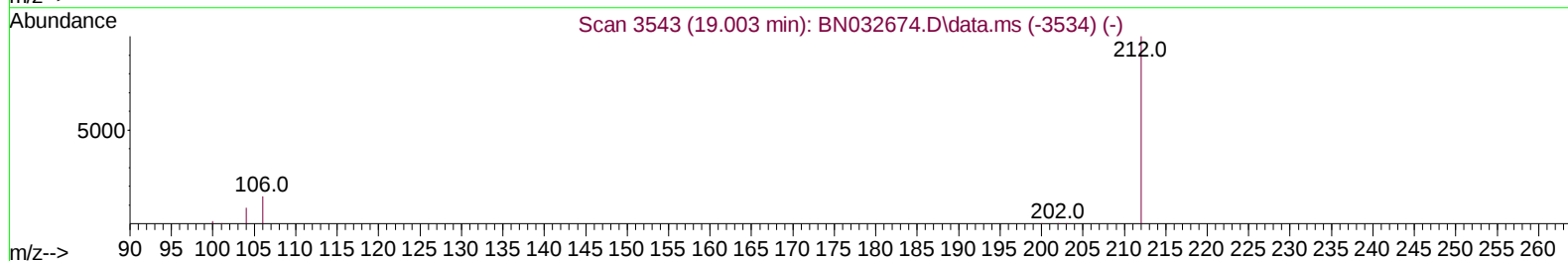
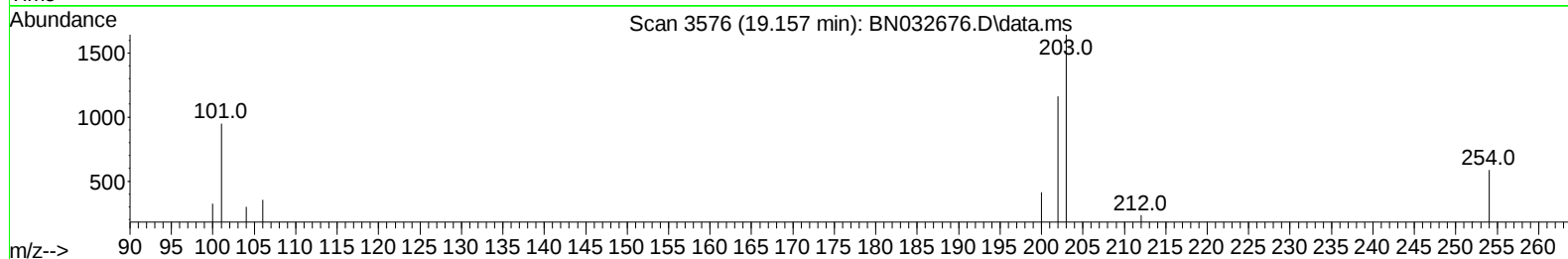
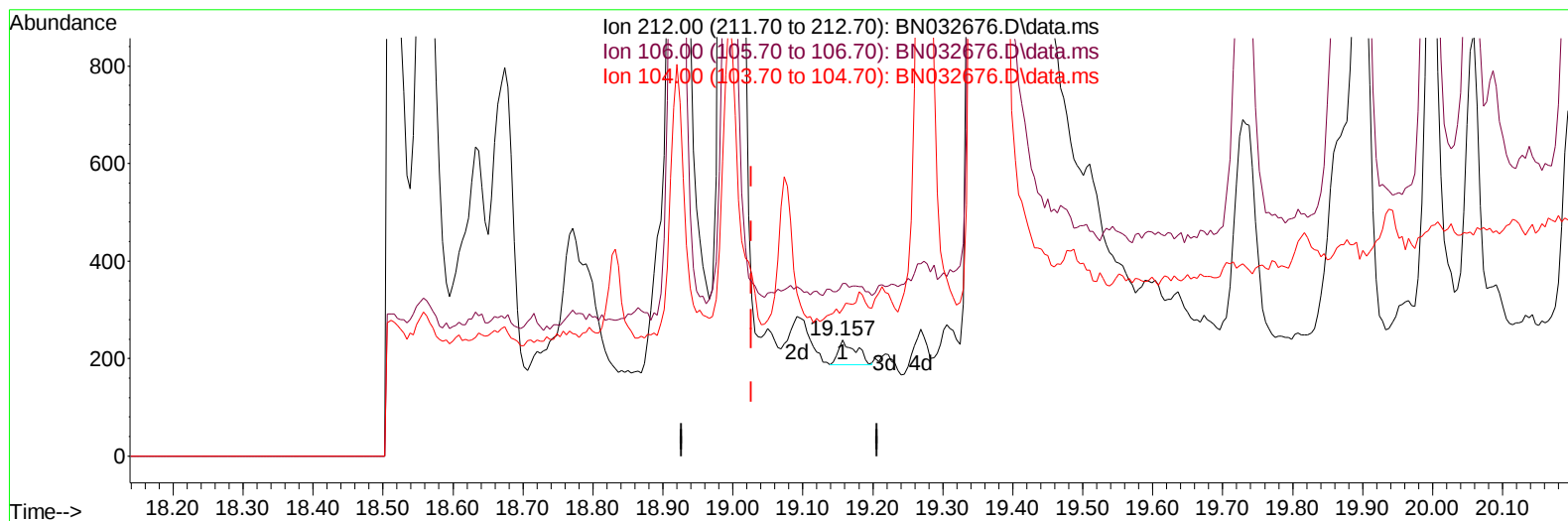
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032676.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.157min (+ 0.130) 0.00 ng/u1

response 86

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	55.81#
104.00	9.00	0.00#
0.00	0.00	0.00

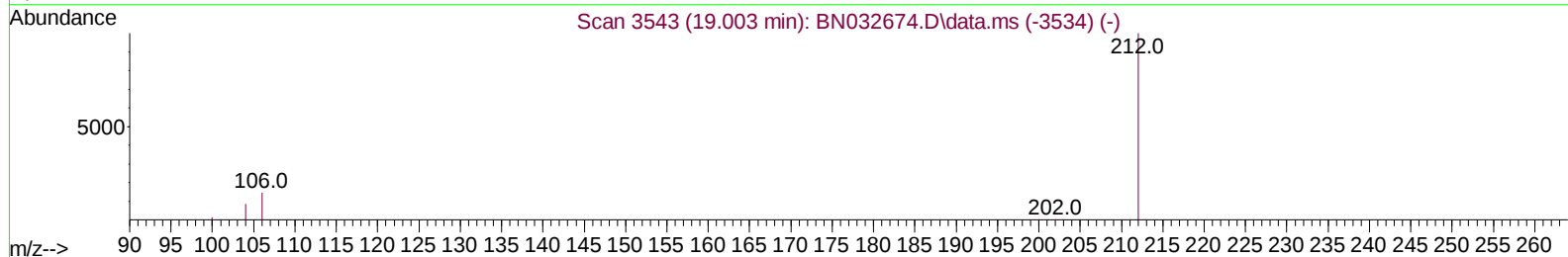
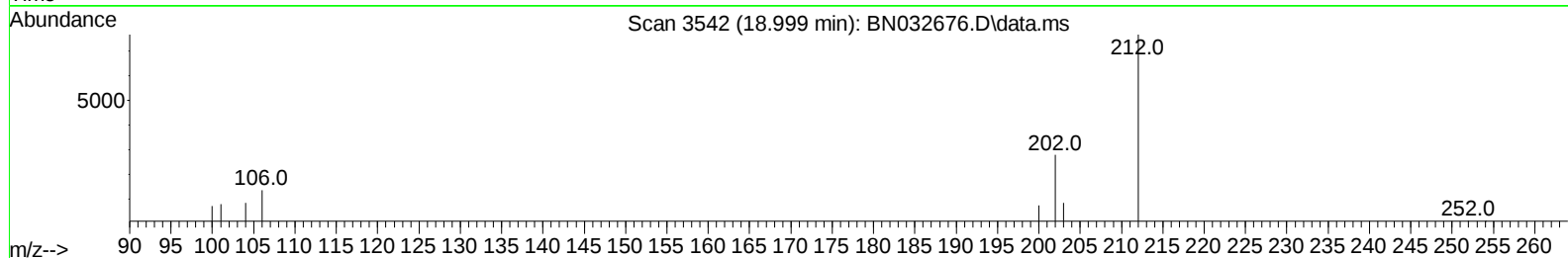
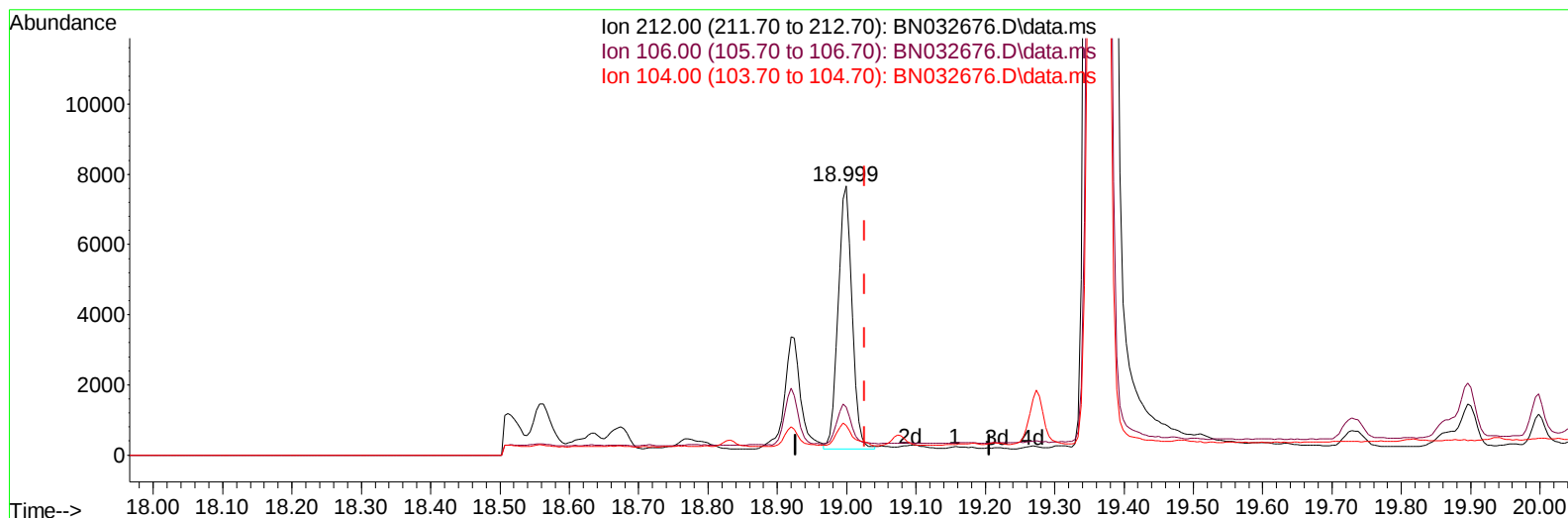
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.26 ng/ul m

response 10435

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.46#
104.00	9.00	0.00#
0.00	0.00	0.00

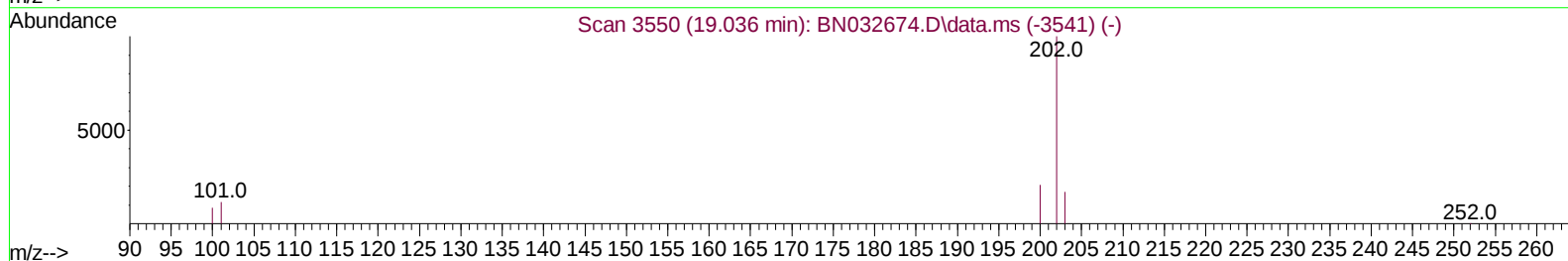
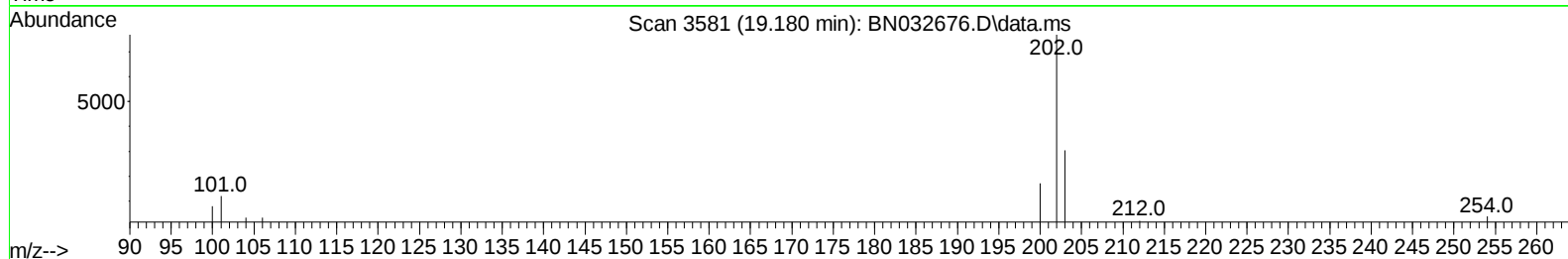
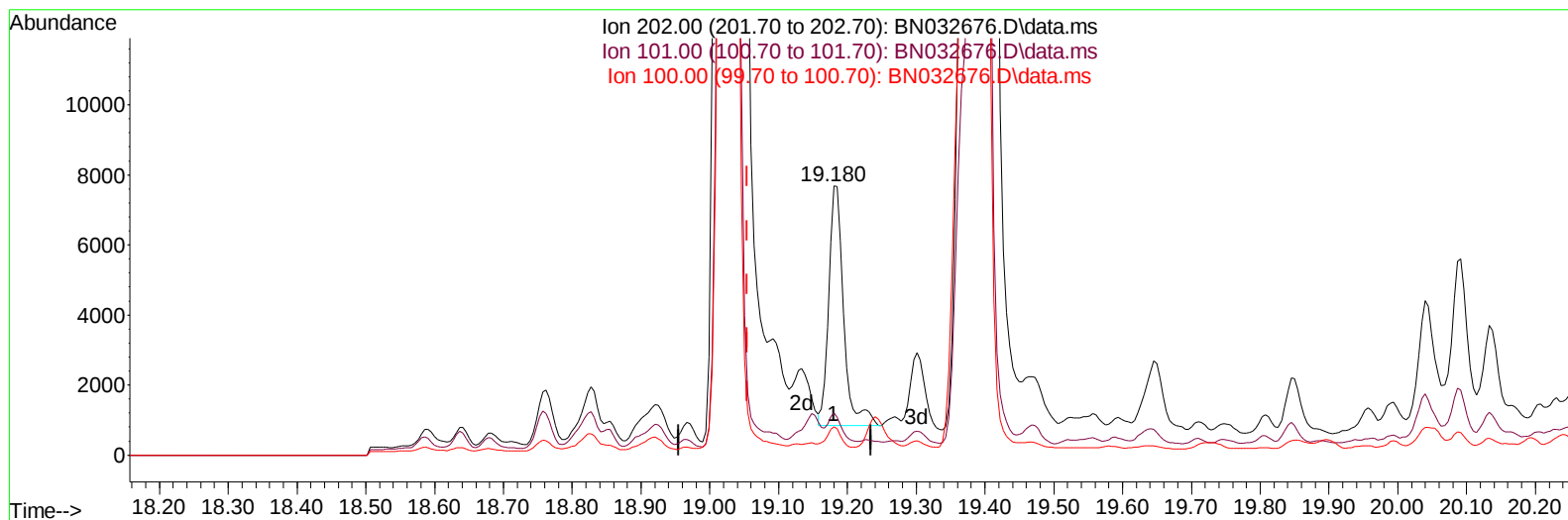
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(19) Fluoranthene (C)

19.180min (+ 0.126) 0.21 ng/u1

response 10391

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.63#
100.00	9.90	10.56
0.00	0.00	0.00

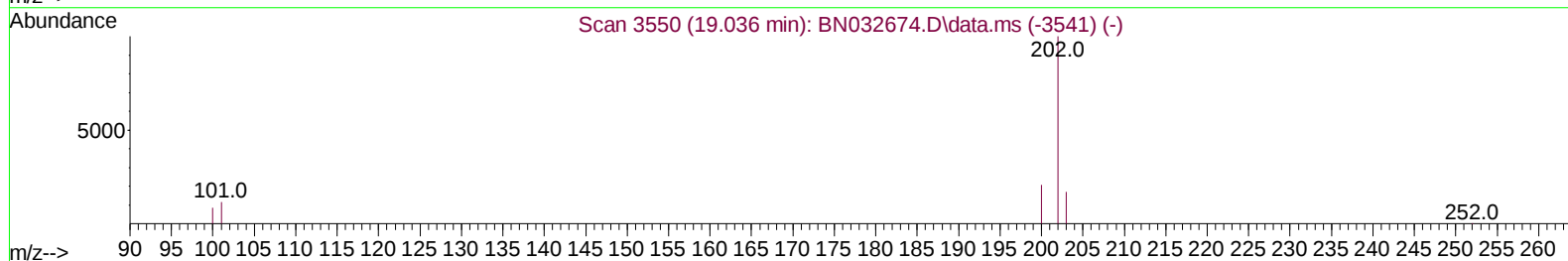
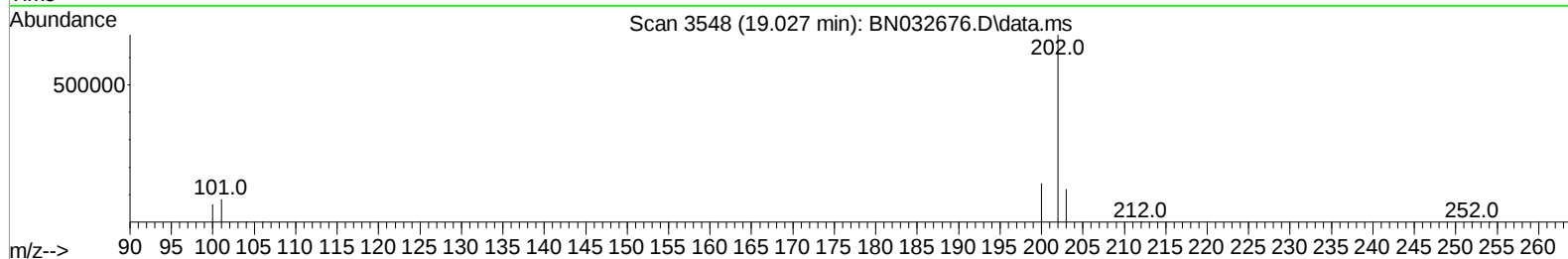
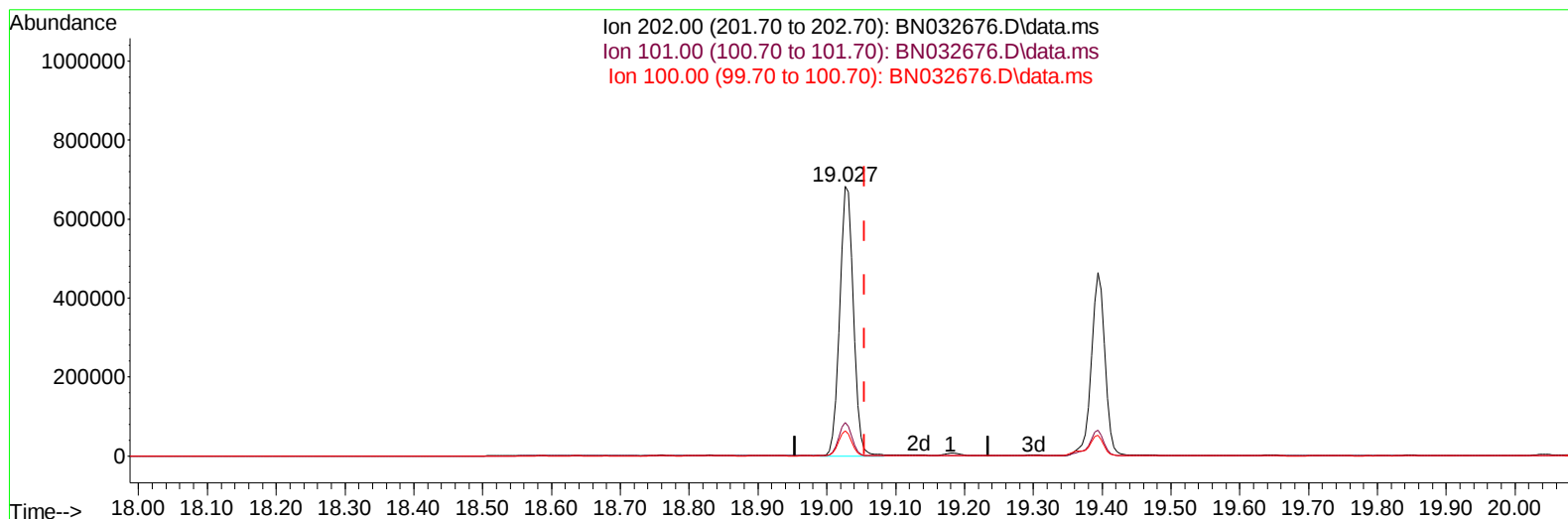
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.028) 19.07 ng/ul m

response 949416

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.39
100.00	9.90	9.42
0.00	0.00	0.00

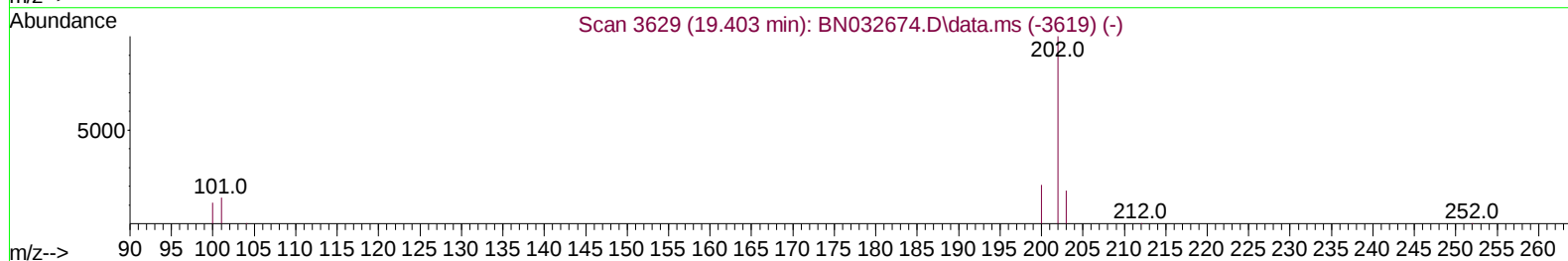
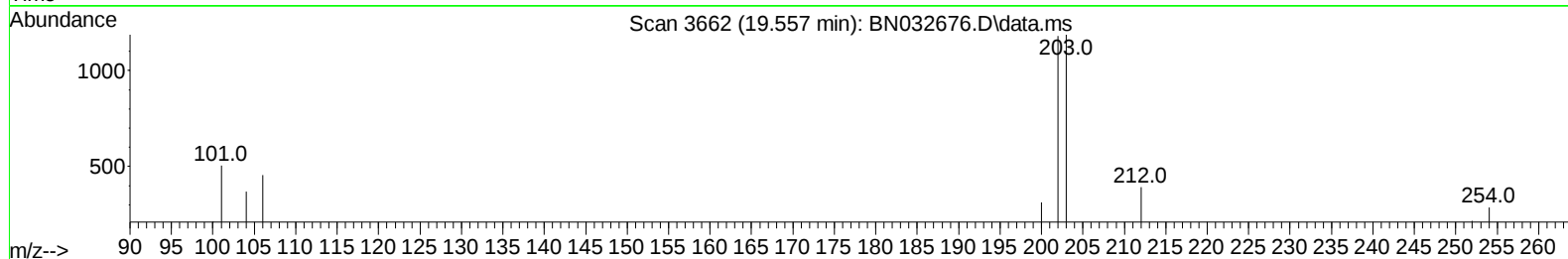
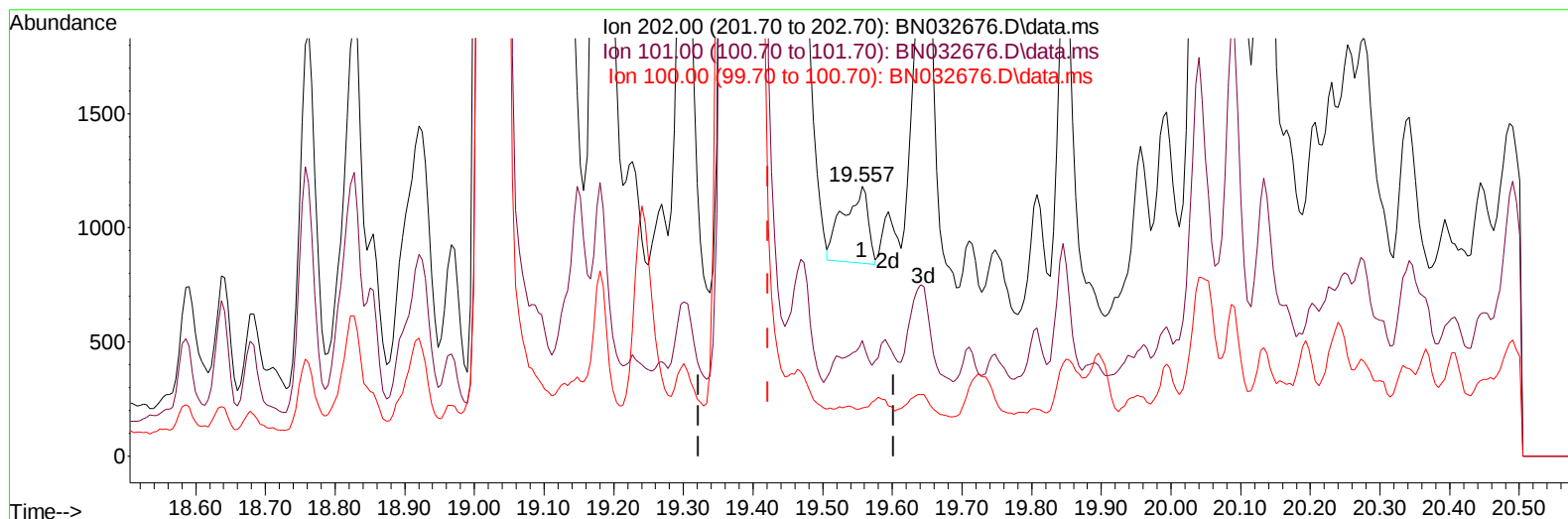
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(20) Pyrene

19.557min (+ 0.135) 0.02 ng/u1

response 823

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	42.76#
100.00	12.00	17.78#
0.00	0.00	0.00

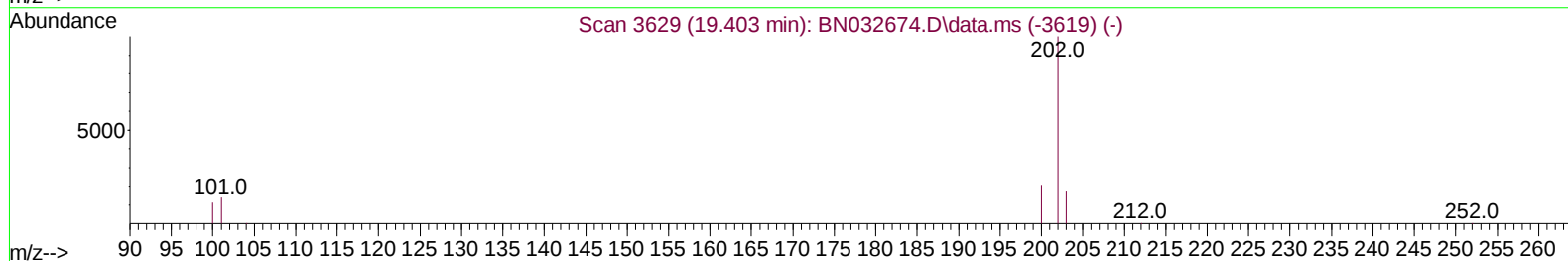
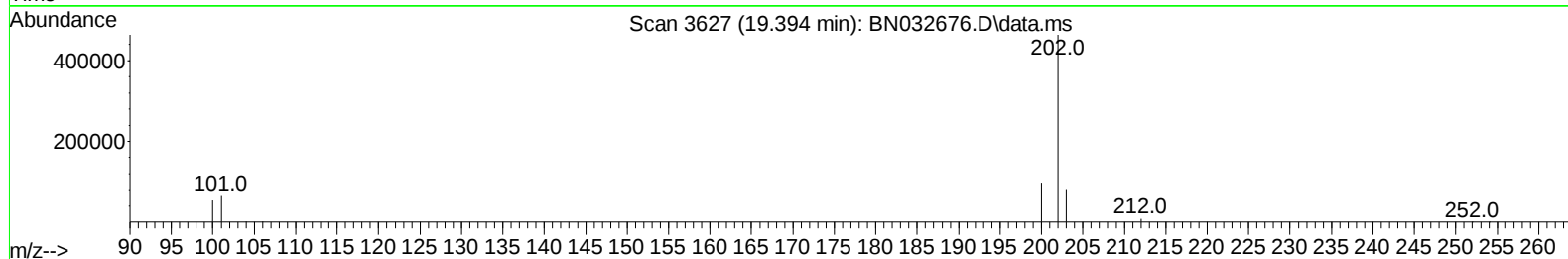
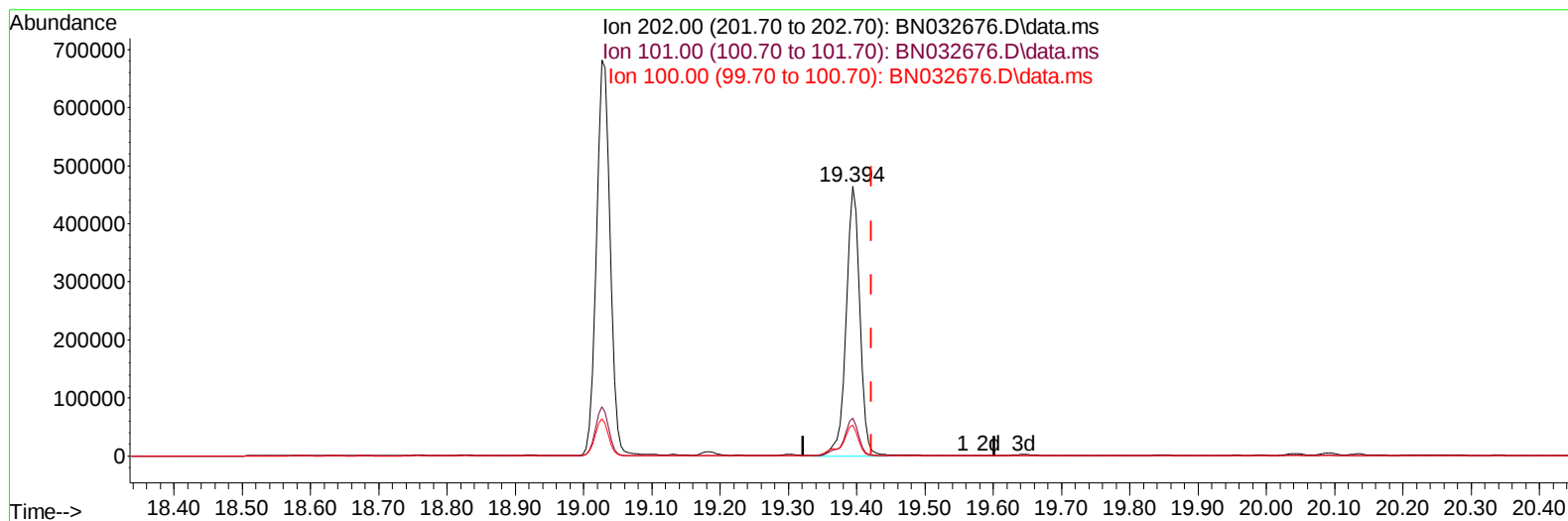
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(20) Pyrene

19.394min (-0.028) 12.55 ng/ul m

response 646620

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.99
100.00	12.00	11.45
0.00	0.00	0.00

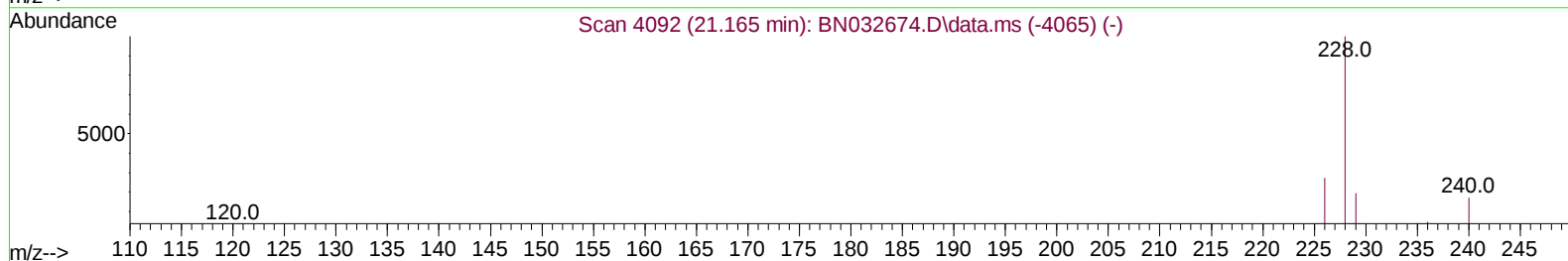
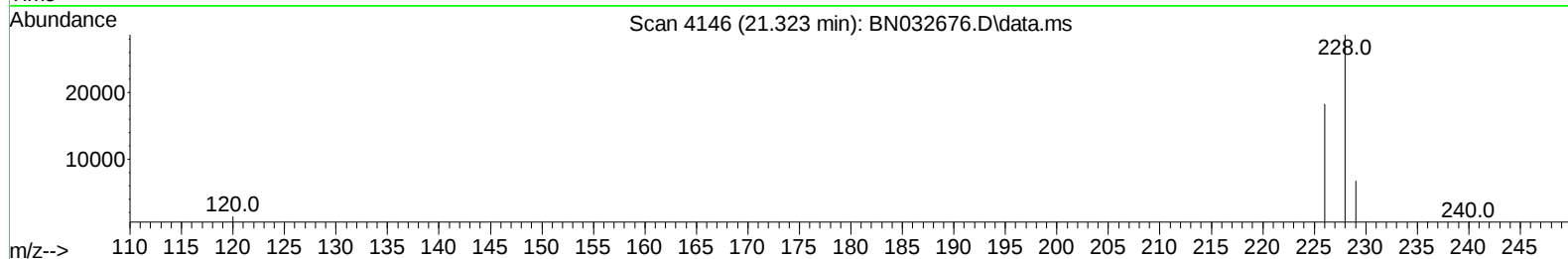
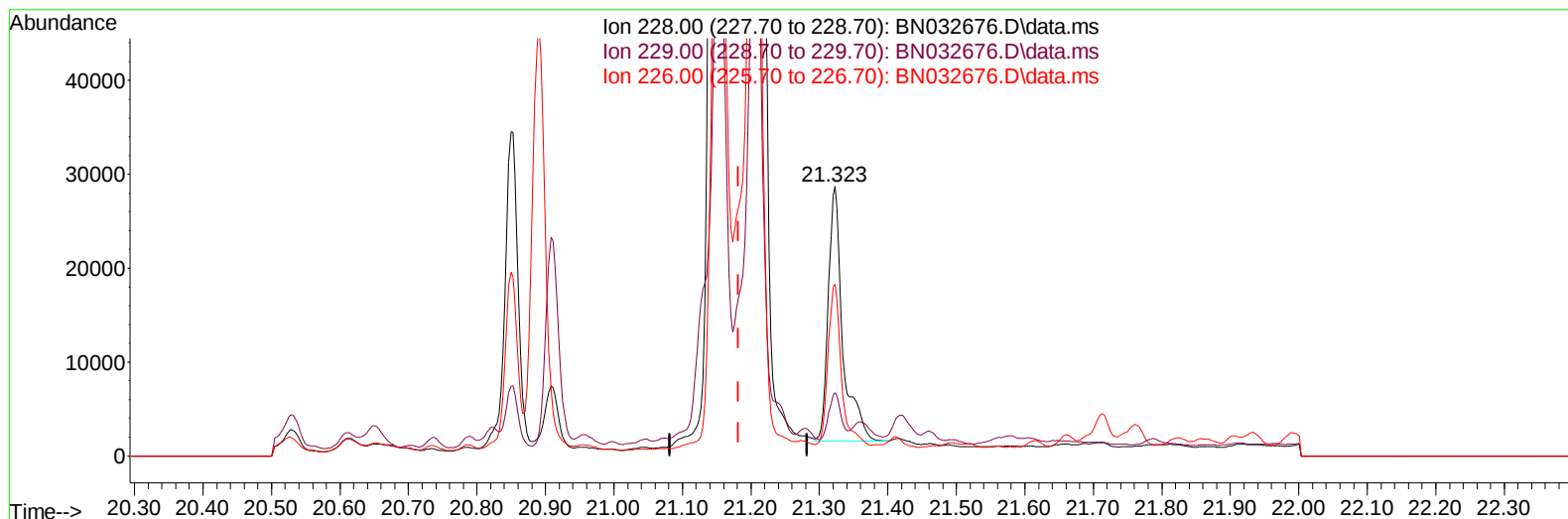
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(21) Benzo(a)anthracene

21.323min (+ 0.140) 1.03 ng/u1

response 40198

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	23.50
226.00	27.40	63.82#
0.00	0.00	0.00

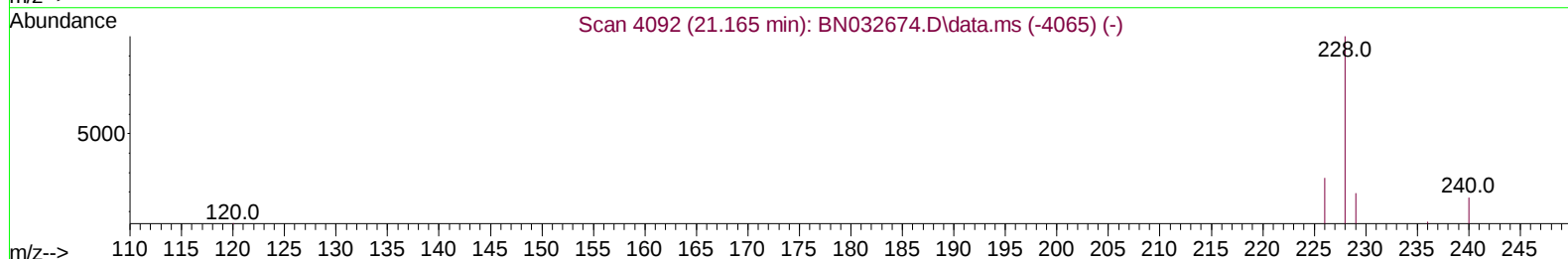
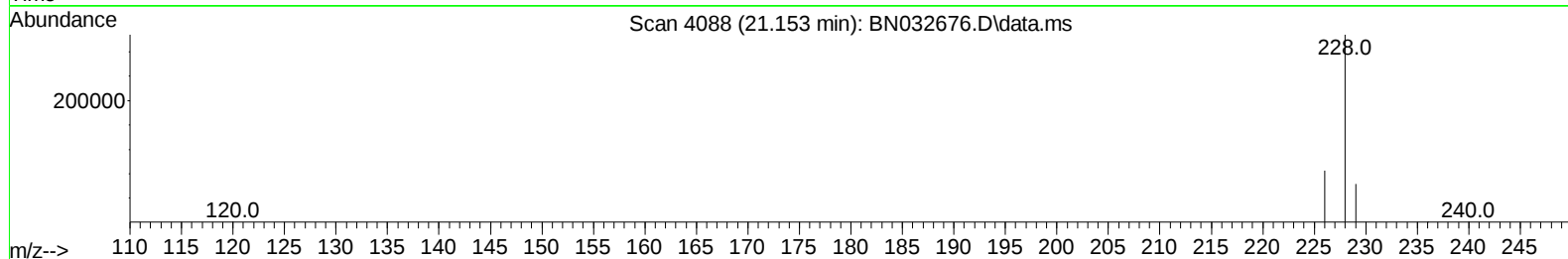
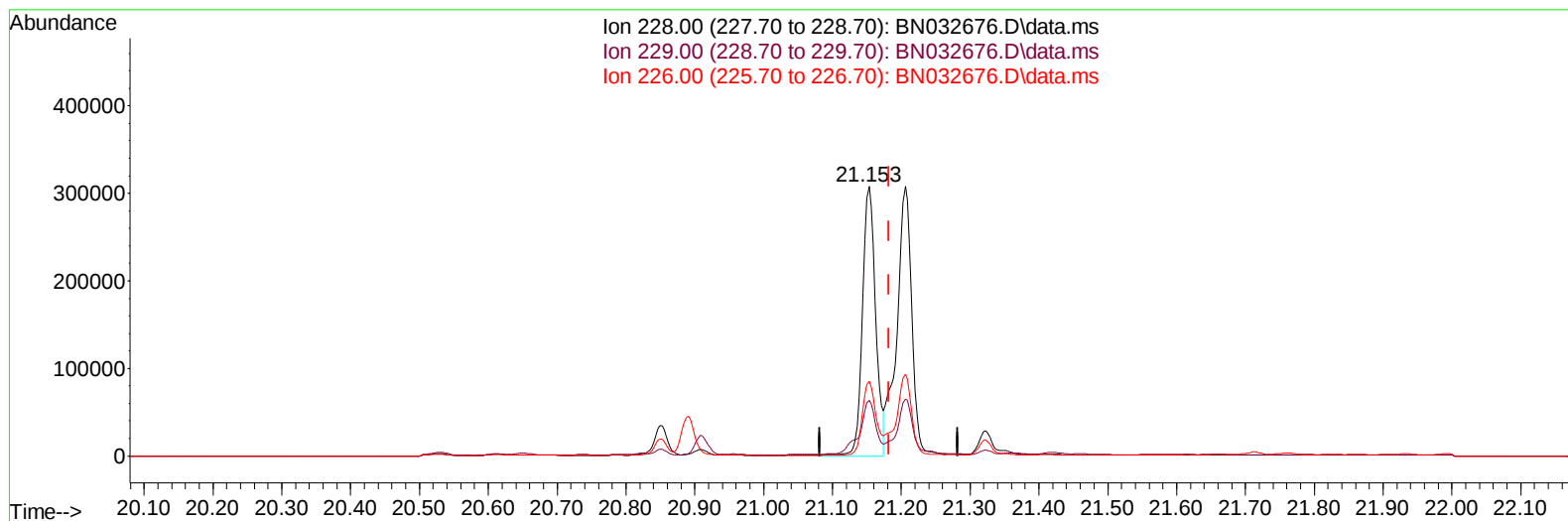
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.029) 10.48 ng/ul m

response 408674

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.61
226.00	27.40	27.76
0.00	0.00	0.00

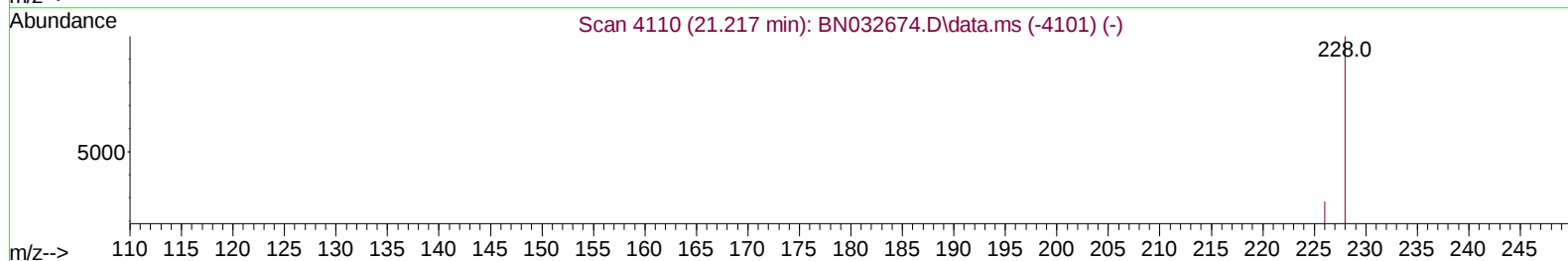
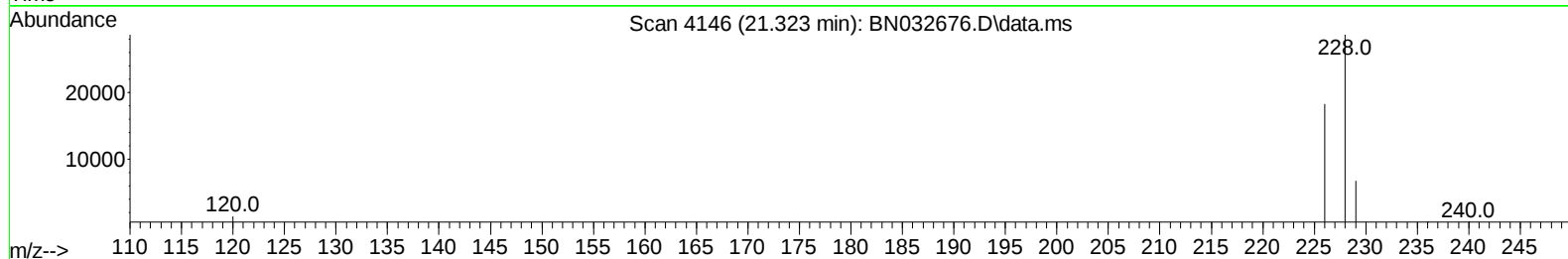
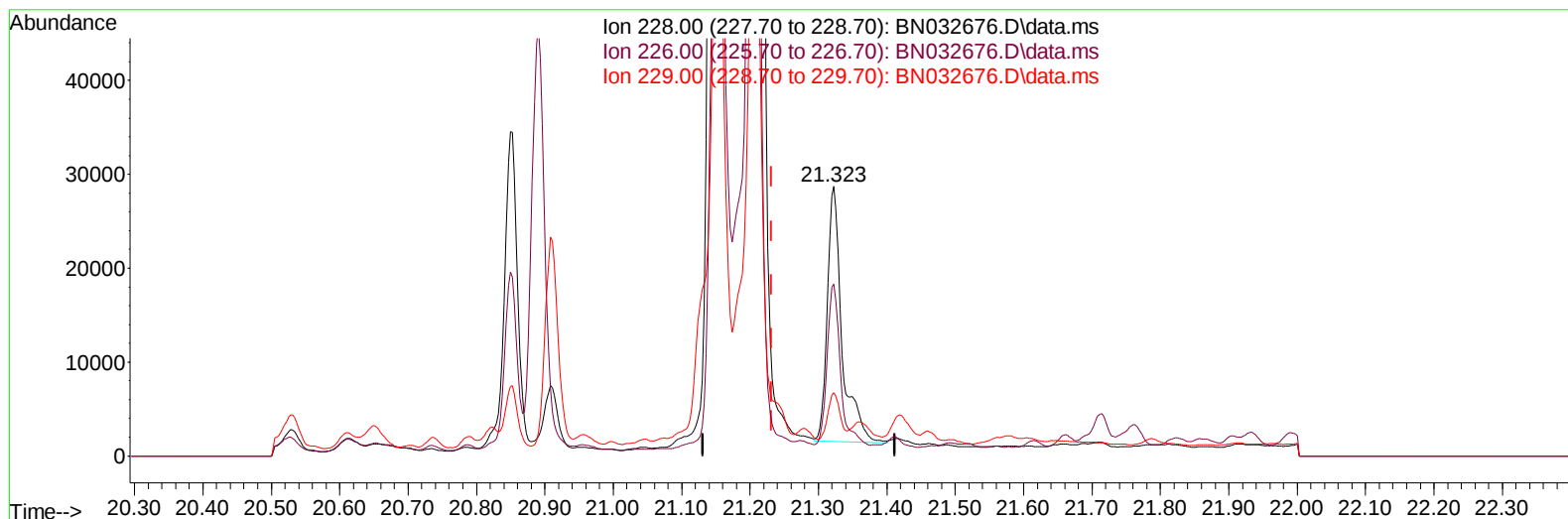
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(22) Chrysene

21.323min (+ 0.091) 0.72 ng/u1

response 40754

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	63.82#
229.00	19.70	23.50
0.00	0.00	0.00

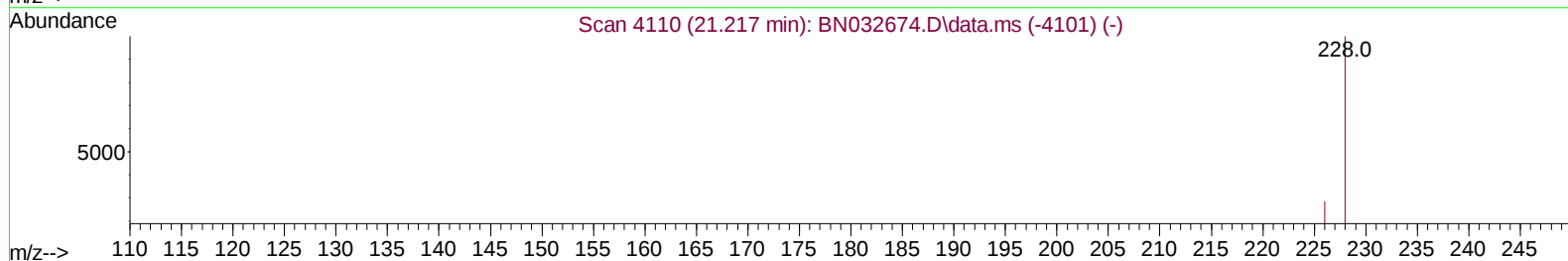
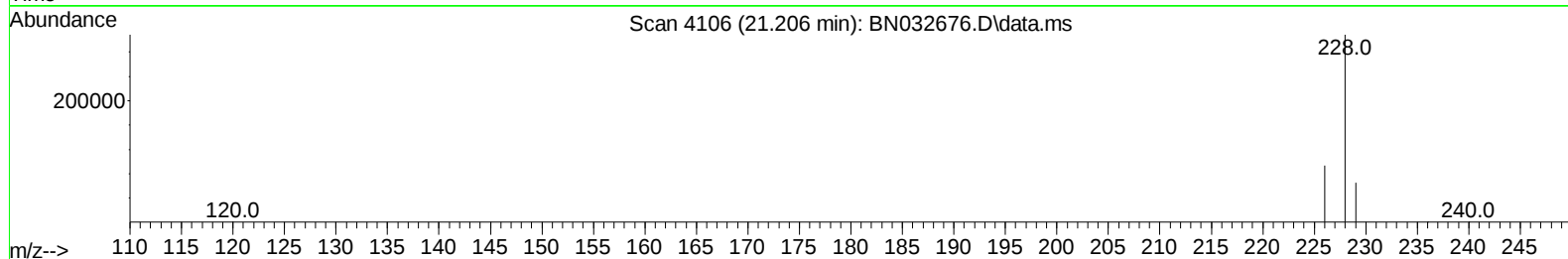
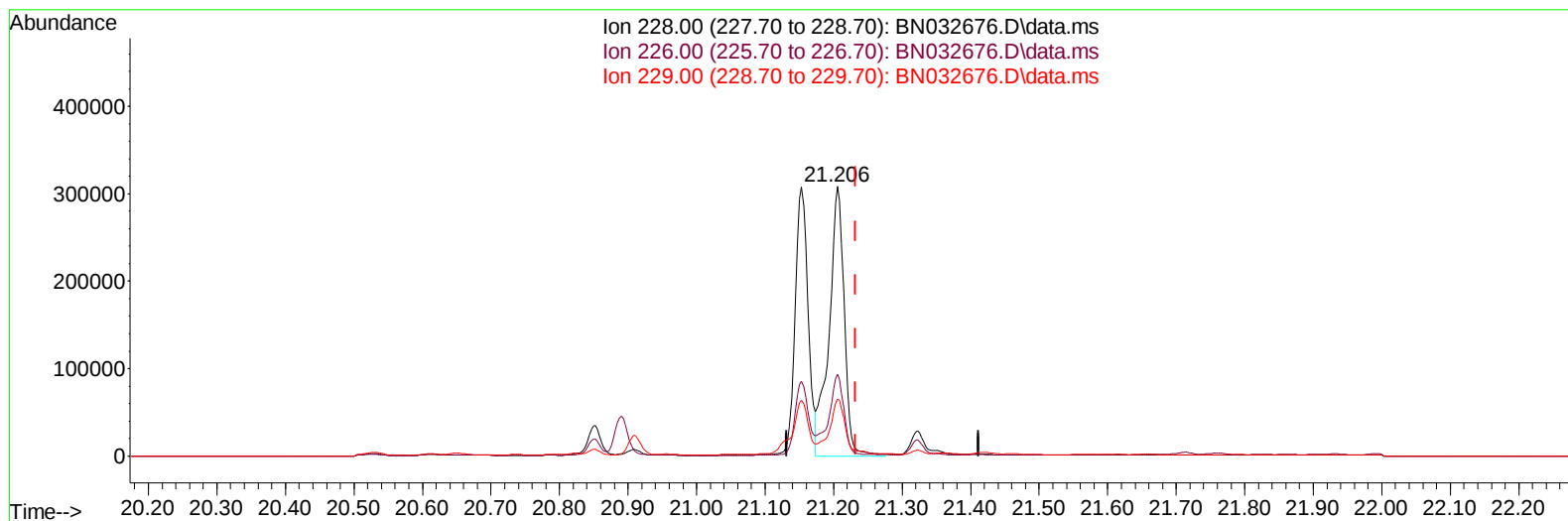
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(22) Chrysene

21.206min (-0.026) 8.43 ng/u1 m

response 475306

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.28
229.00	19.70	21.17
0.00	0.00	0.00

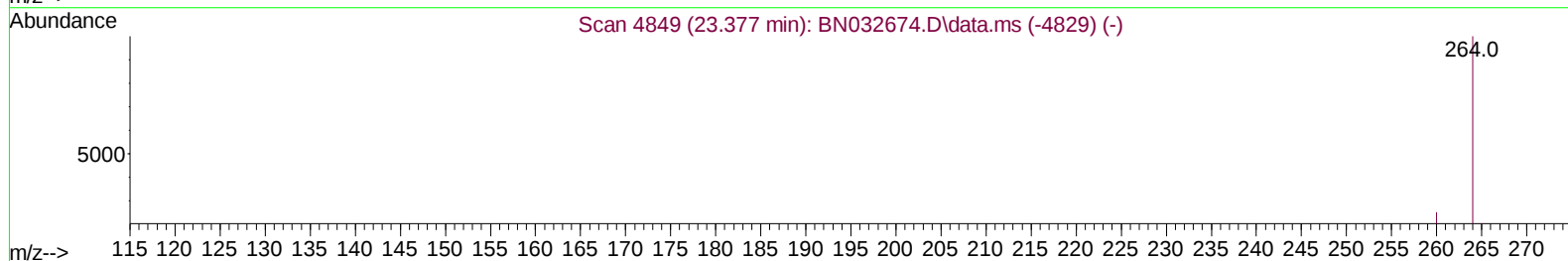
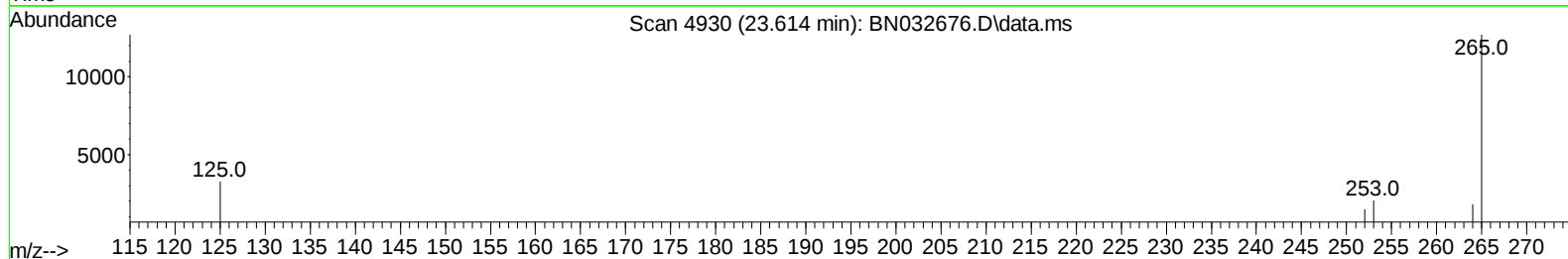
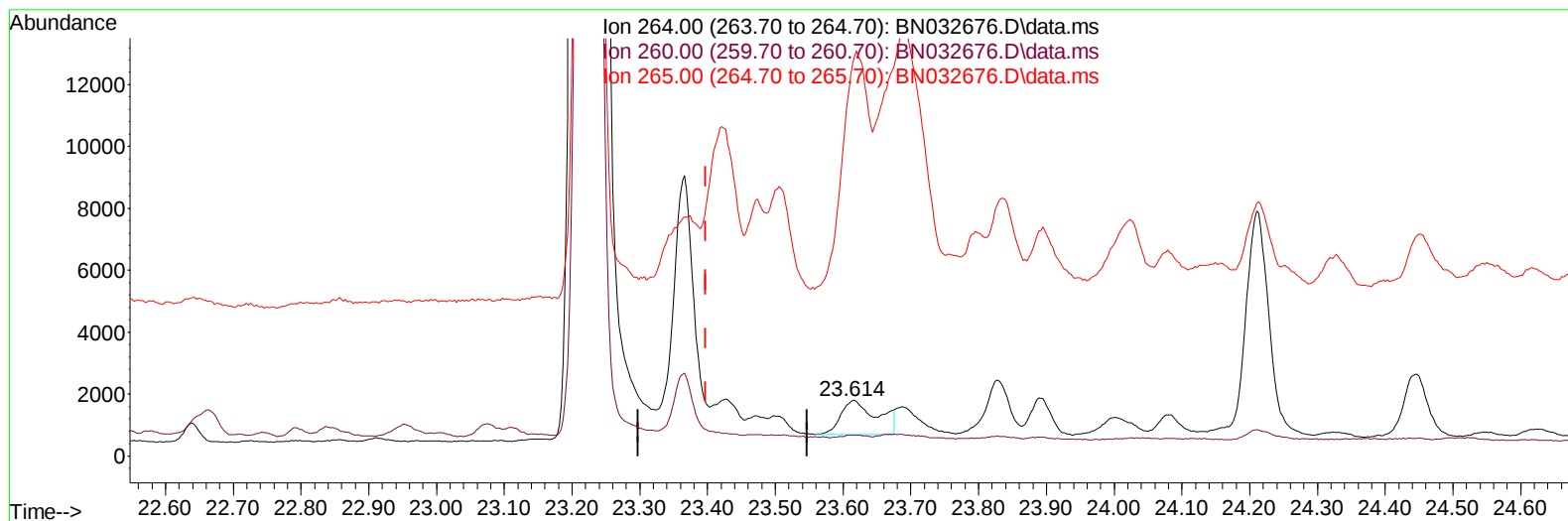
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(23) Perylene-d12 (I)

23.614min (+ 0.217) 0.40 ng/u1

response 4120

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	37.17#
265.00	95.50	706.40#
0.00	0.00	0.00

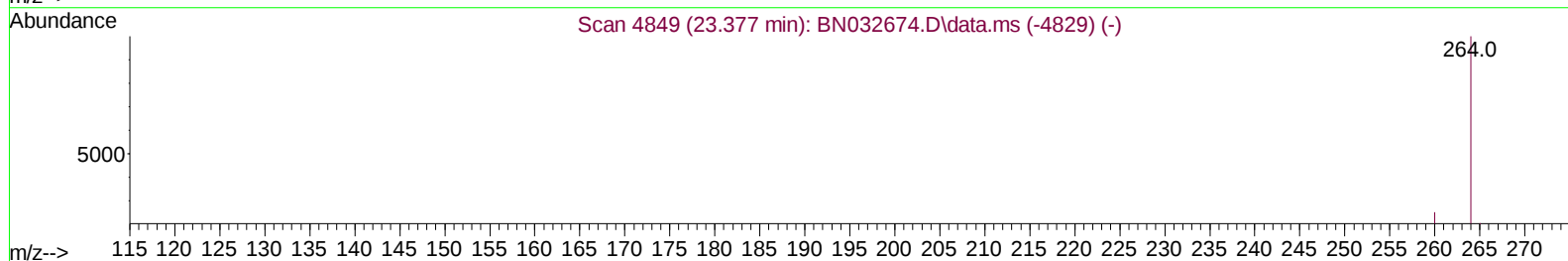
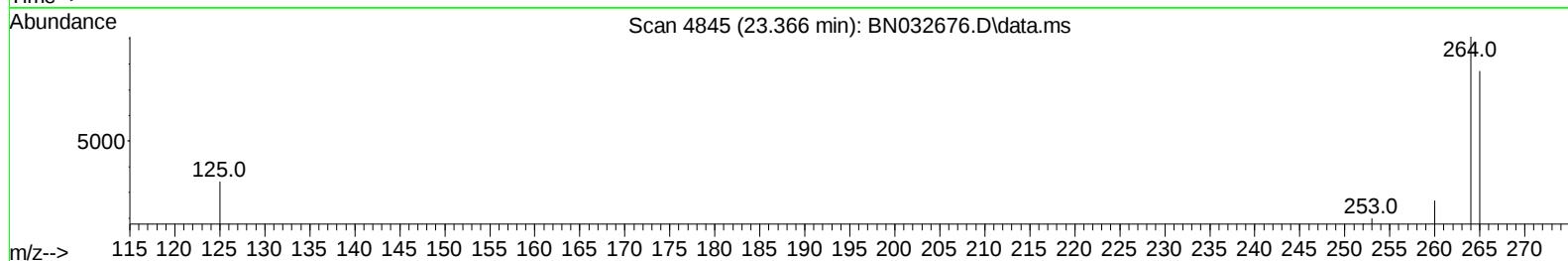
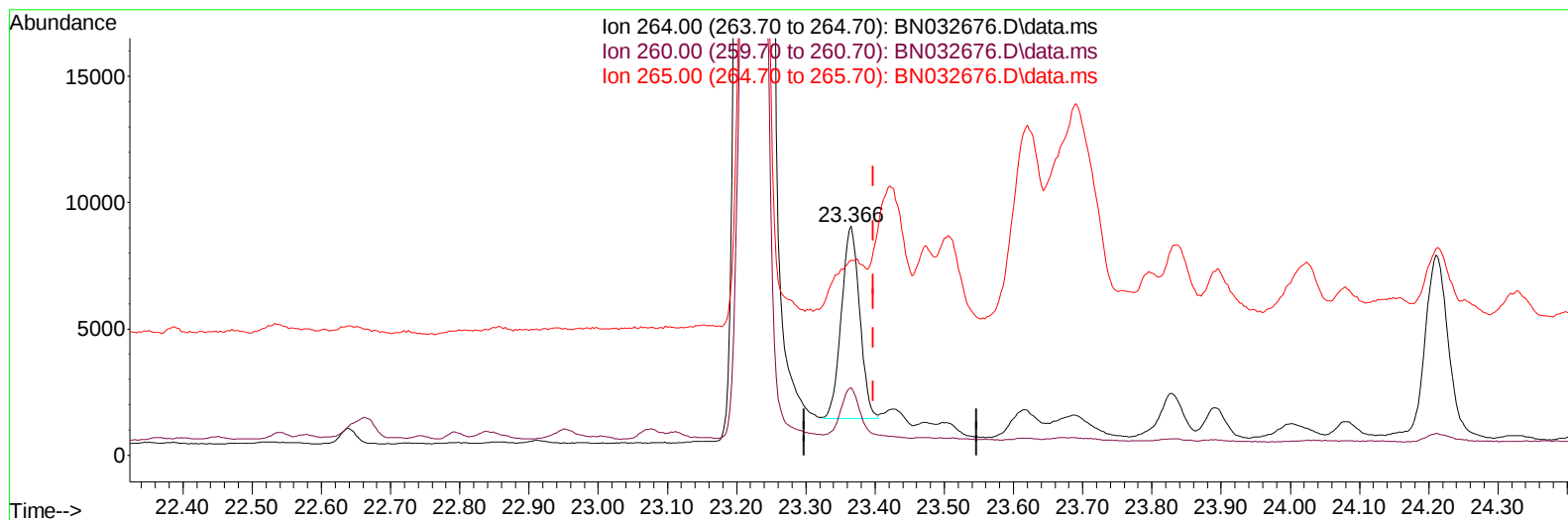
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(23) Perylene-d12 (I)

23.366min (-0.032) 0.40 ng/ul m

response 13964

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.61
265.00	95.50	85.25
0.00	0.00	0.00

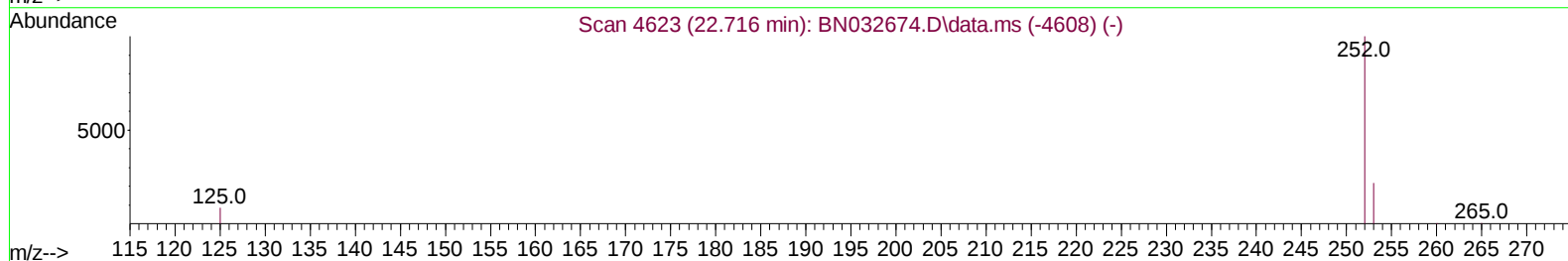
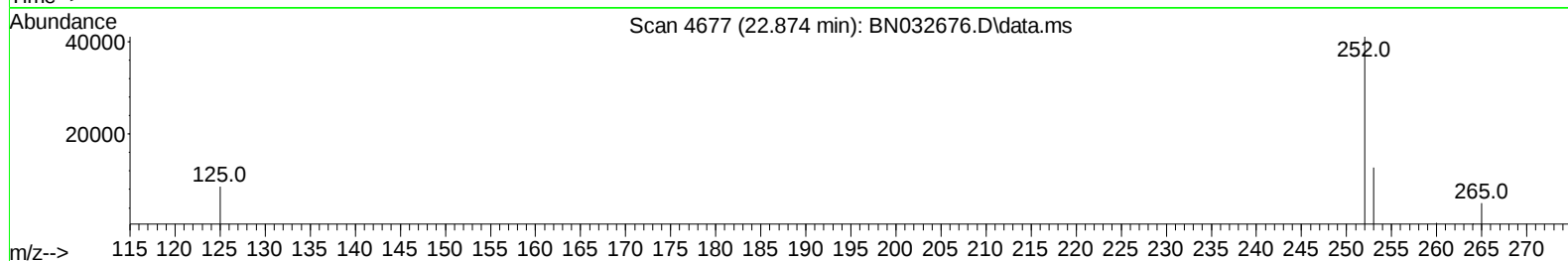
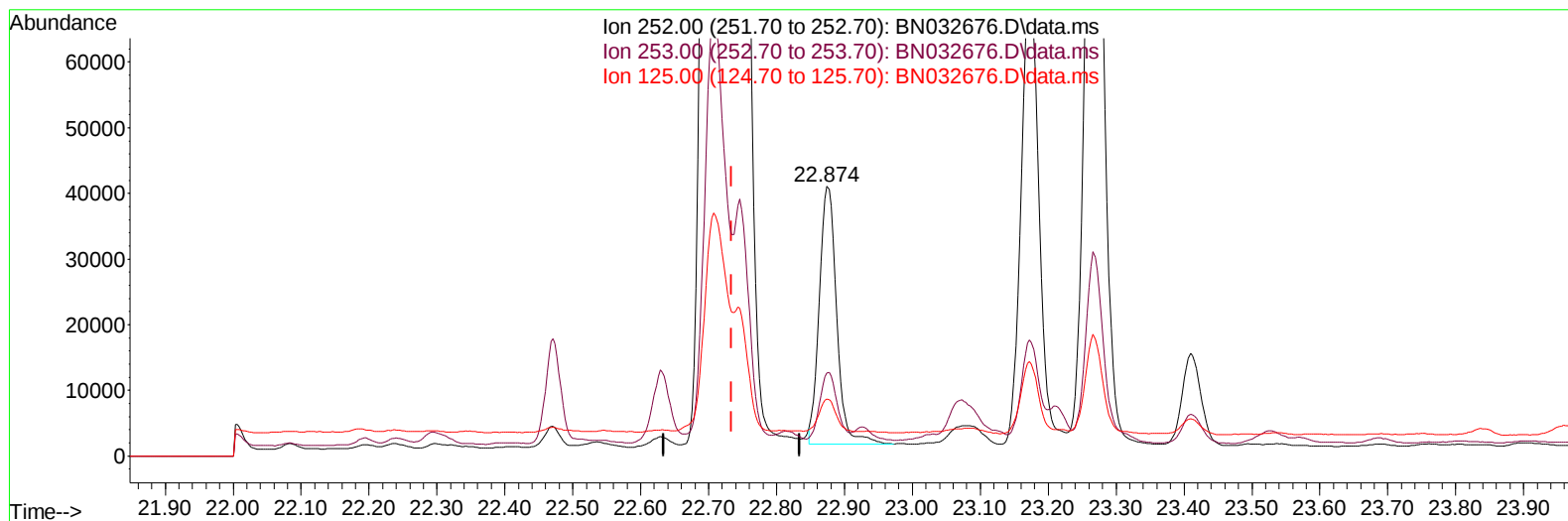
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(24) Benzo(b)fluoranthene

22.874min (+ 0.140) 1.42 ng/u1

response 69904

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.89
125.00	18.00	21.11
0.00	0.00	0.00

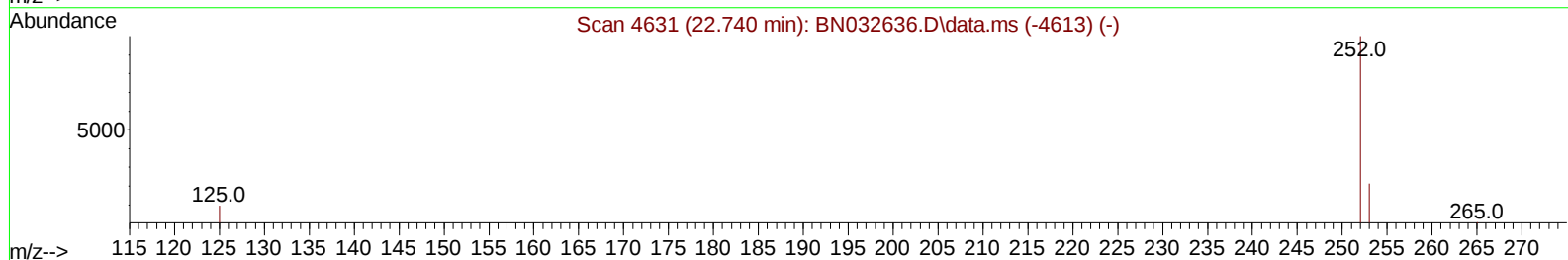
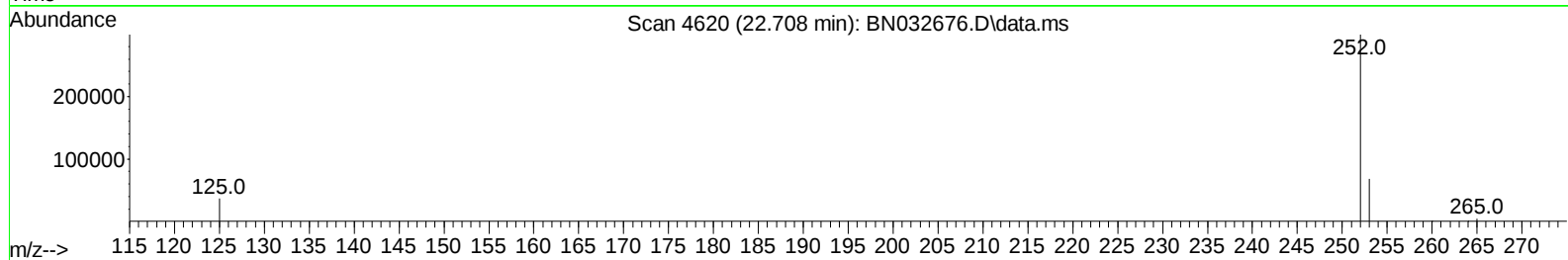
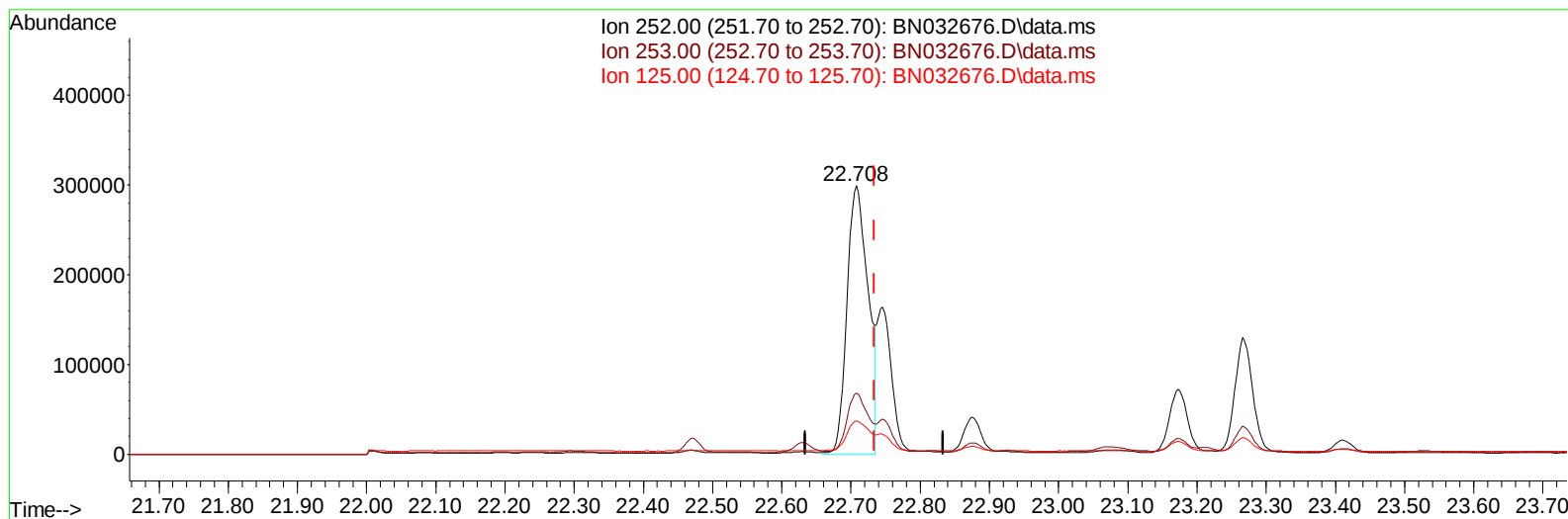
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(24) Benzo(b)fluoranthene

22.708min (-0.026) 12.88 ng/ul m

response 634374

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.80
125.00	18.00	12.36
0.00	0.00	0.00

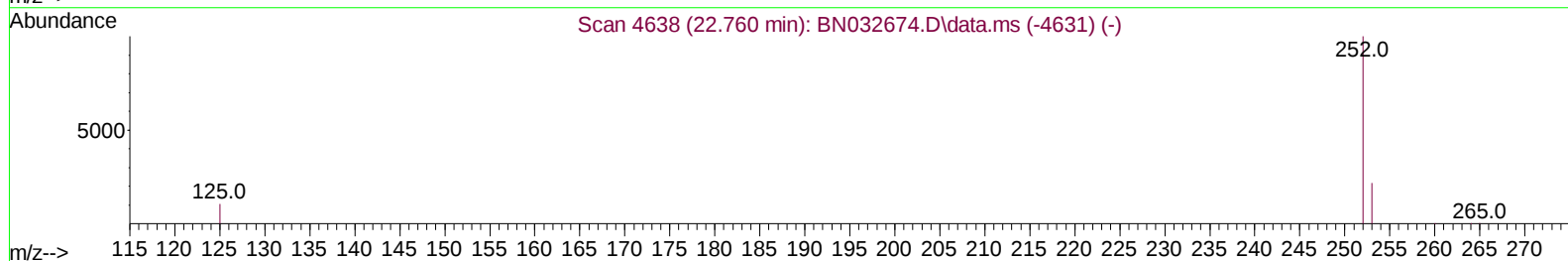
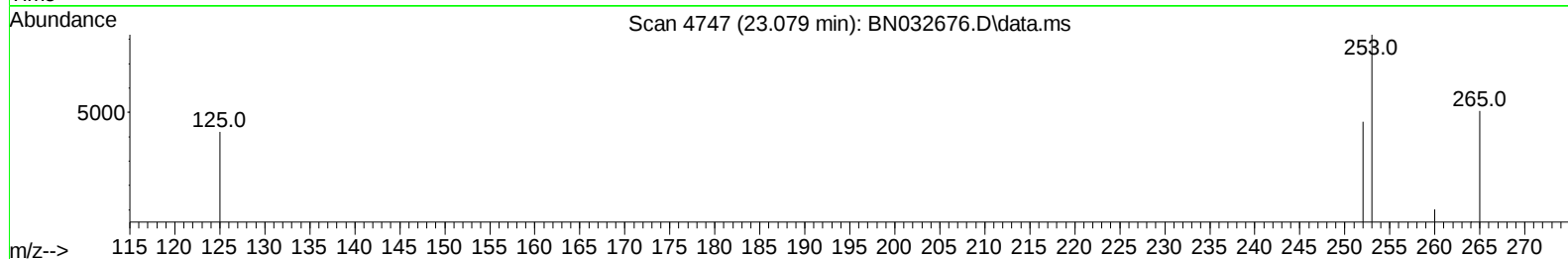
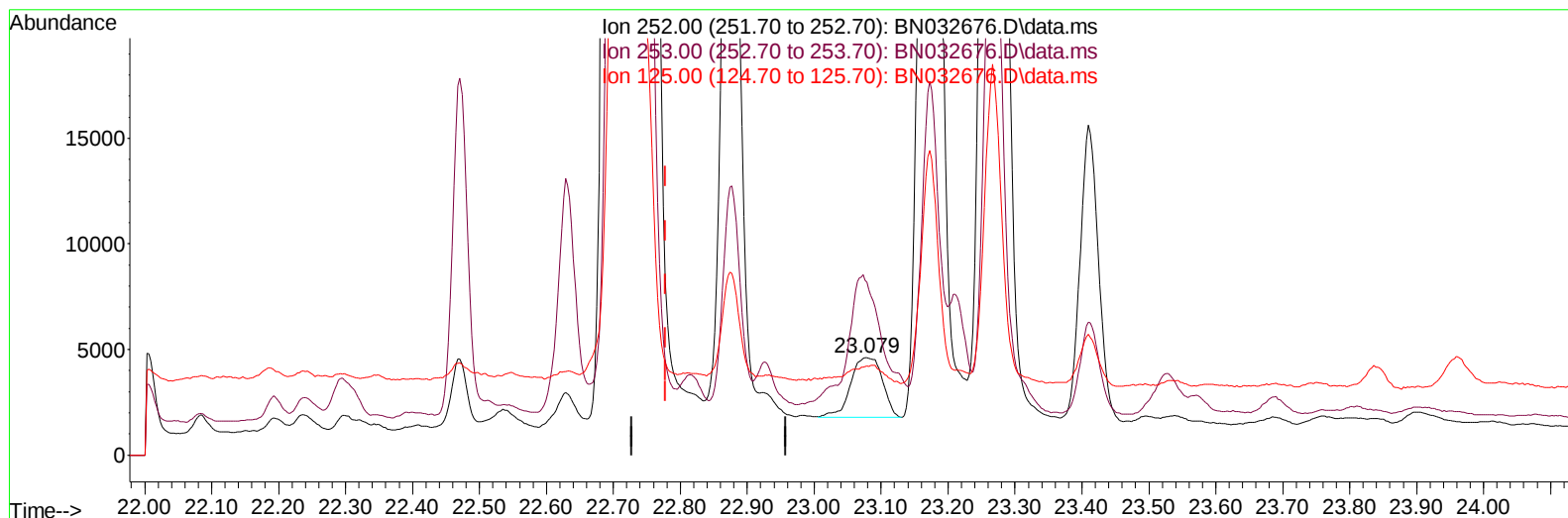
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(25) Benzo(k)fluoranthene

23.079min (+ 0.301) 0.16 ng/u1

response 9371

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	177.13#
125.00	18.50	91.00#
0.00	0.00	0.00

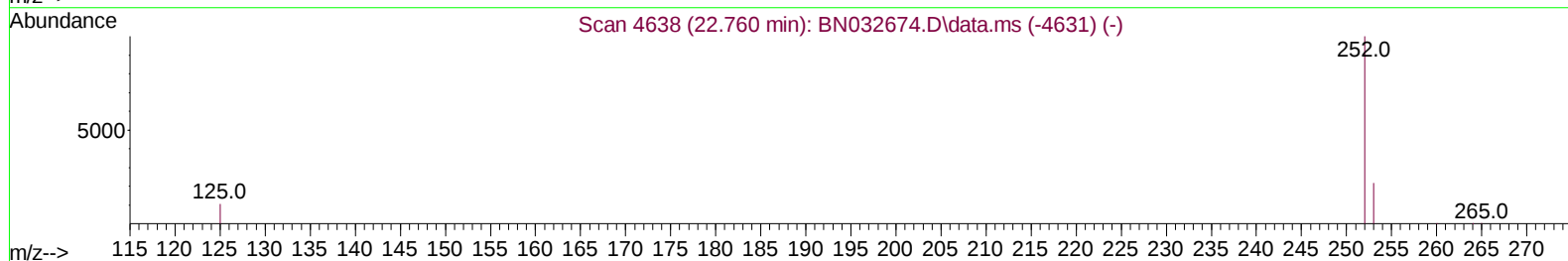
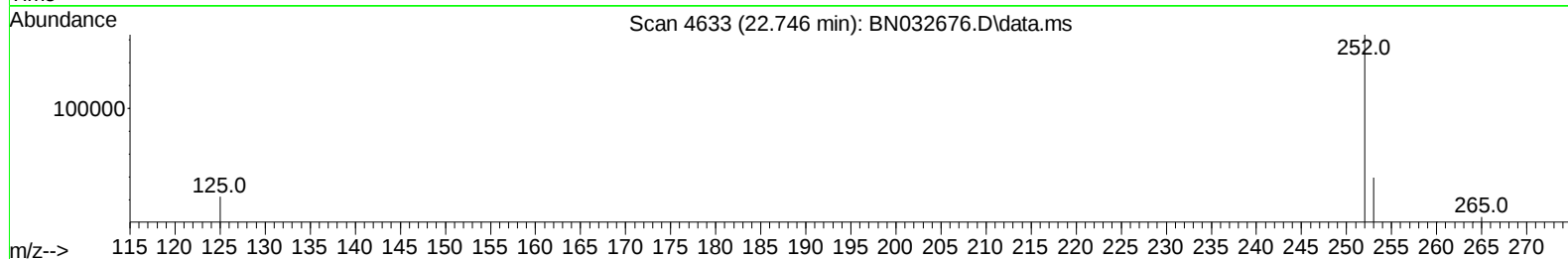
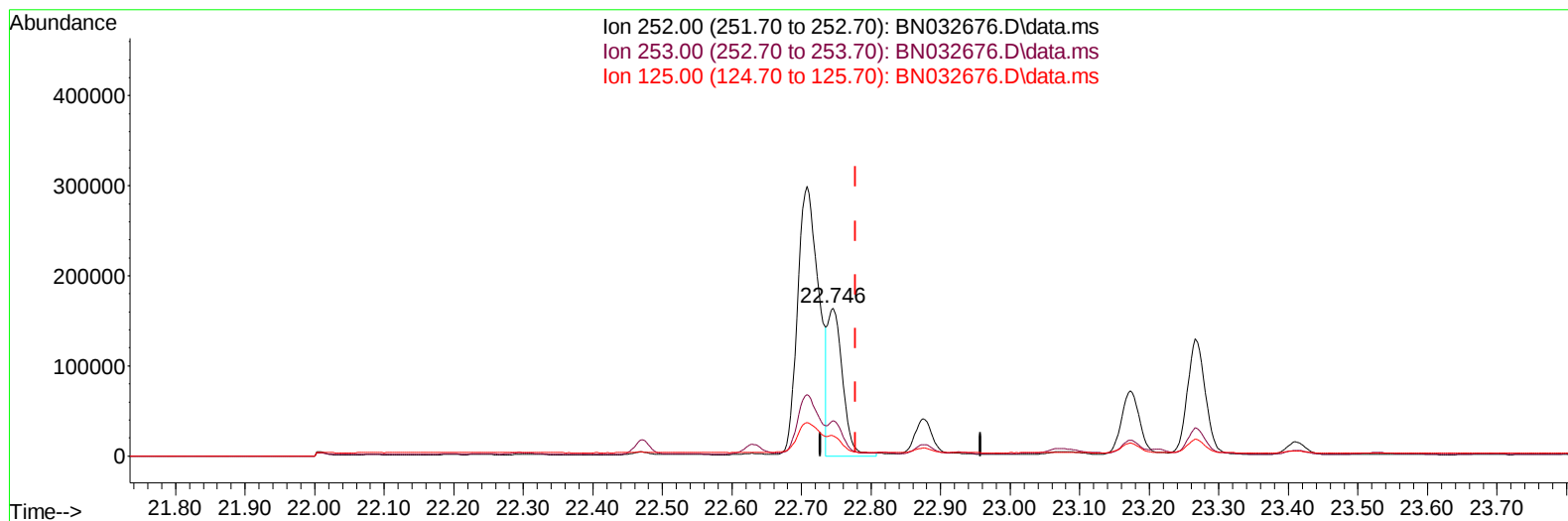
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 18:33:41 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



TIC: BN032676.D\data.ms

(25) Benzo(k)fluoranthene

22.746min (-0.032) 4.17 ng/u1 m

response 250461

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.81
125.00	18.50	13.67#
0.00	0.00	0.00

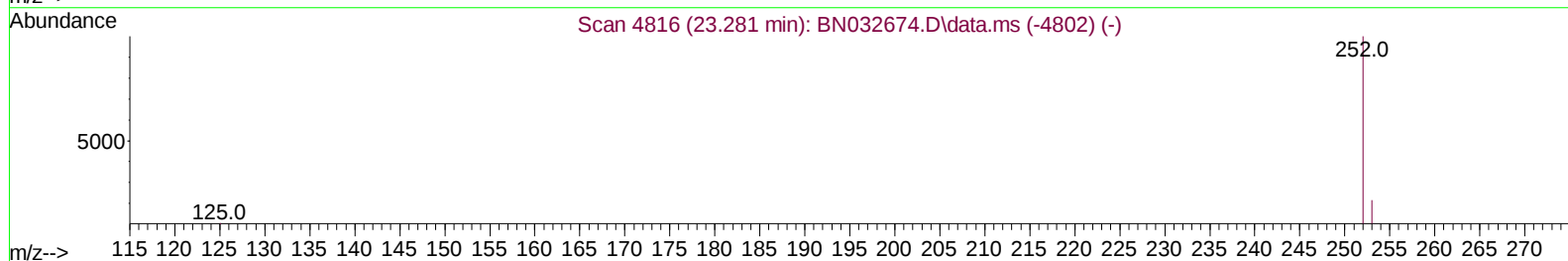
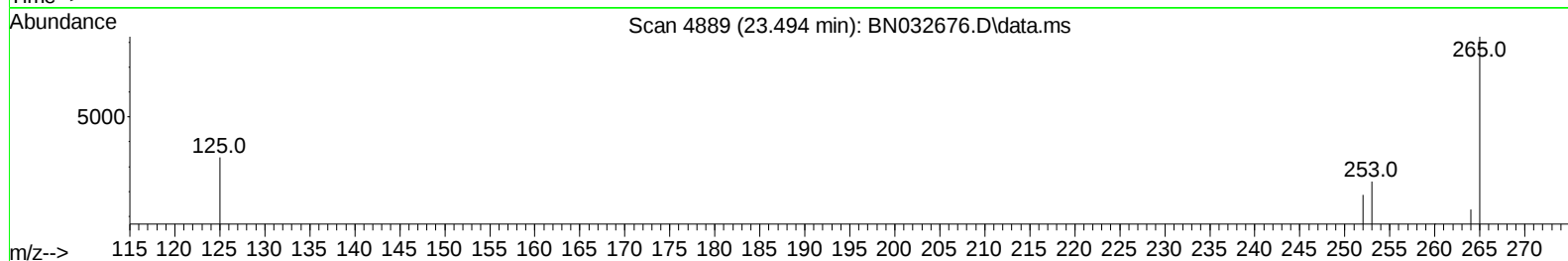
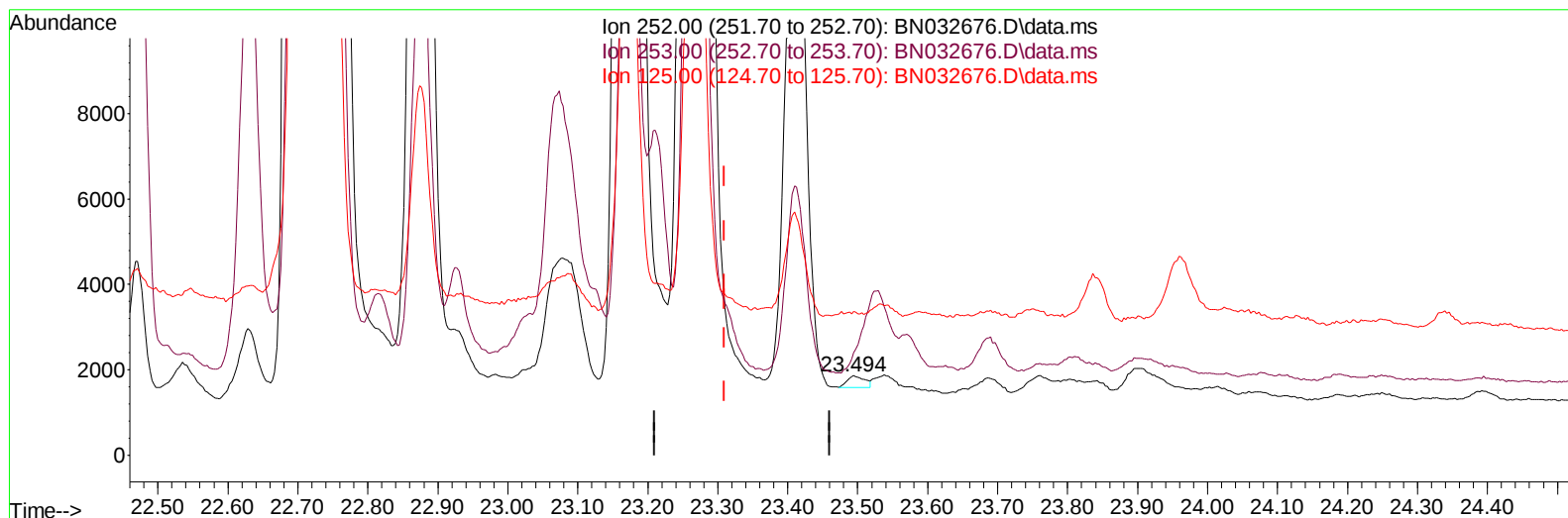
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(26) Benzo(a)pyrene (C)

23.494min (+ 0.184) 0.01 ng/u1

response 484

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	128.84#
125.00	25.70	180.93#
0.00	0.00	0.00

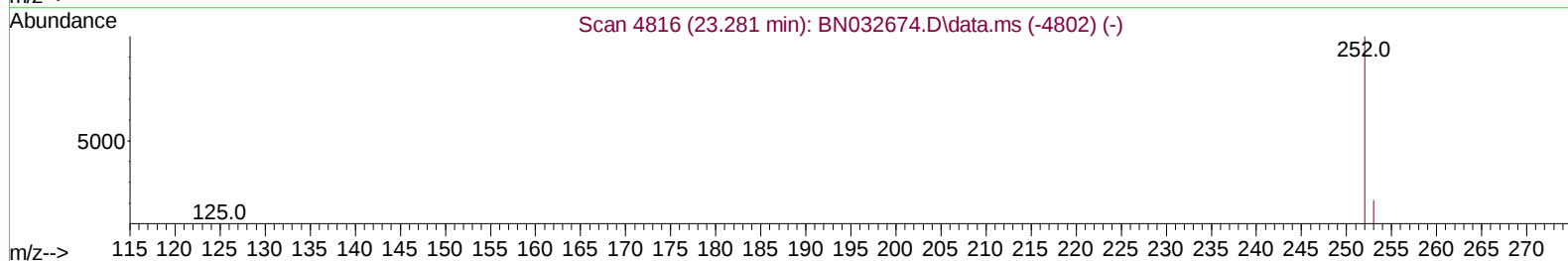
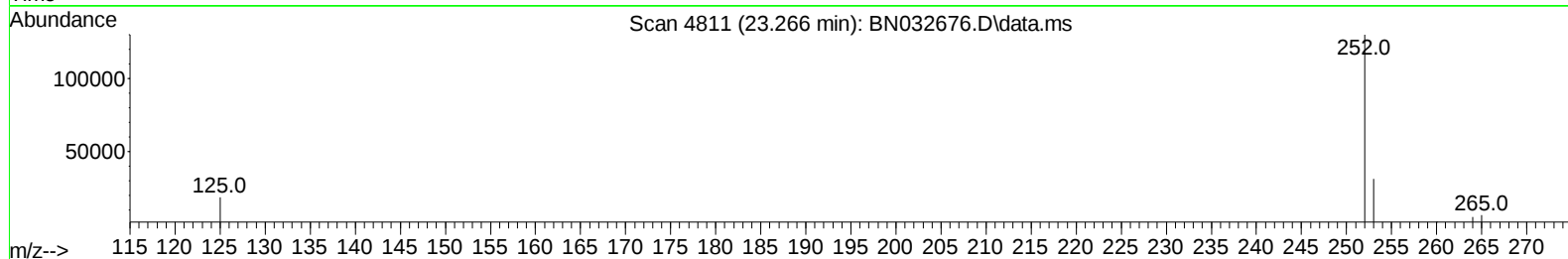
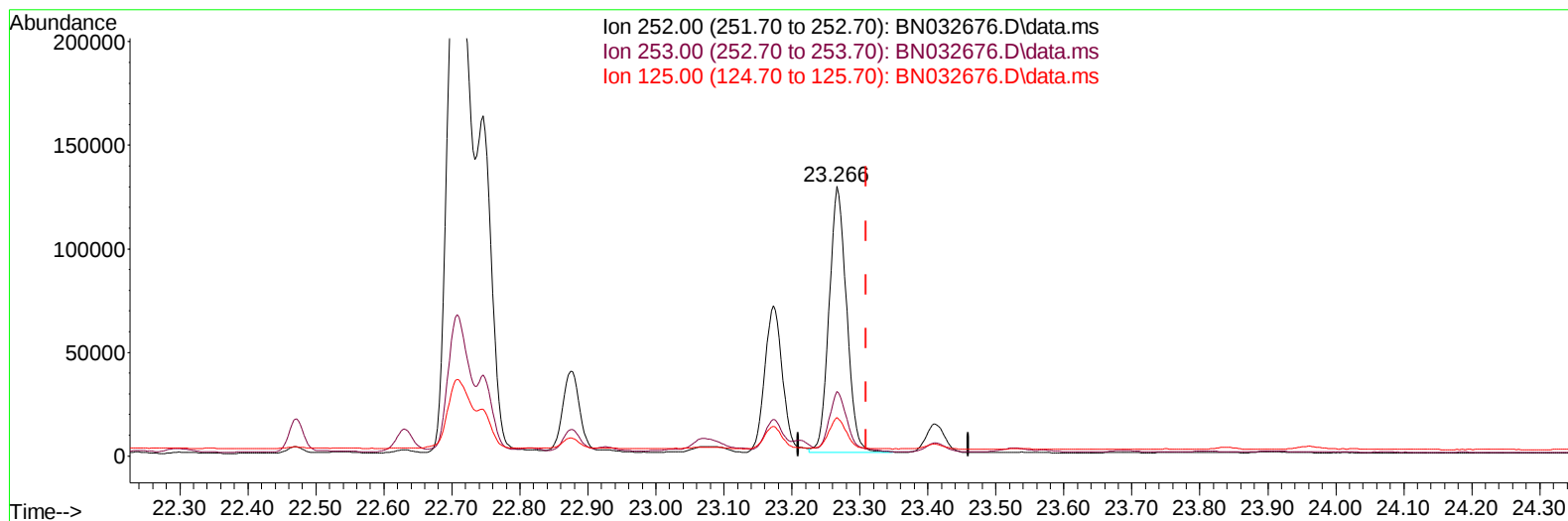
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (-0.044) 5.39 ng/u1 m

response 229857

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.94#
125.00	25.70	14.23#
0.00	0.00	0.00

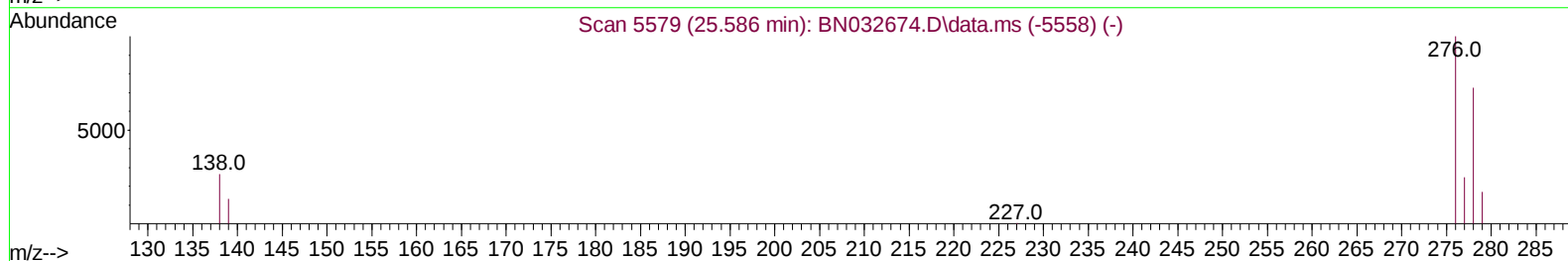
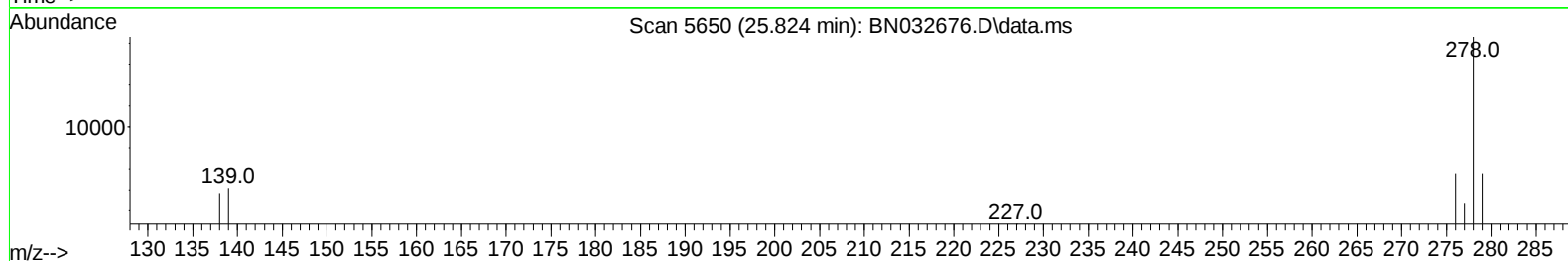
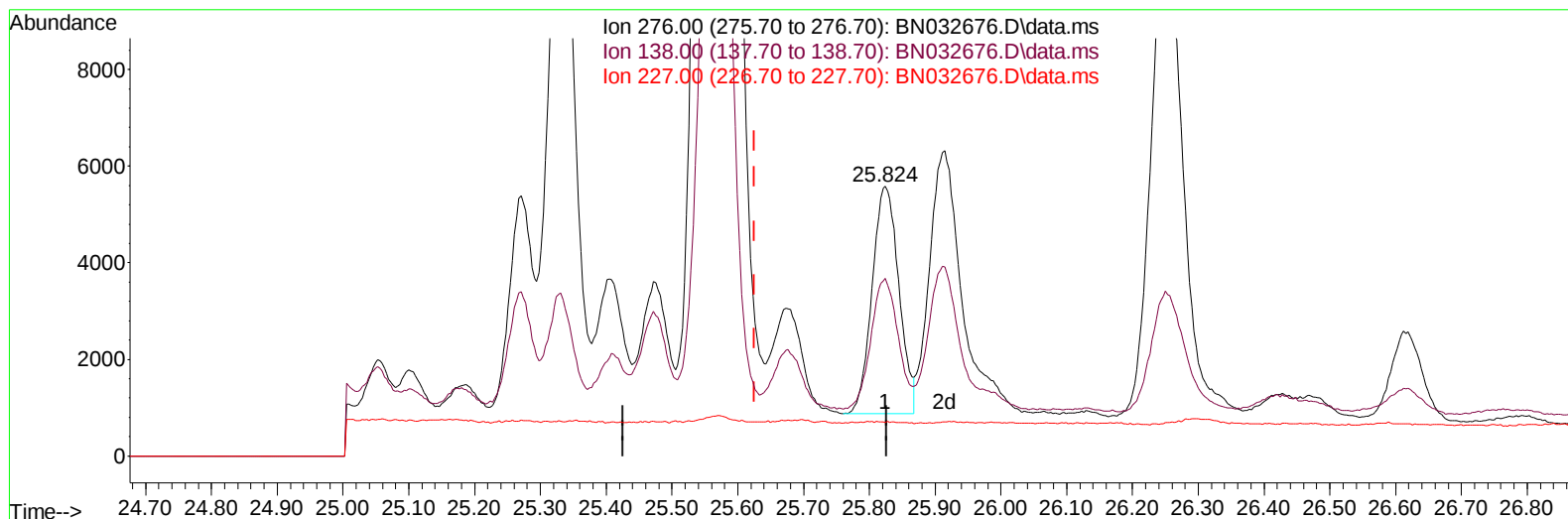
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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
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Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

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

25.824min (+ 0.198) 0.23 ng/u1

response 13375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	58.61#
227.00	0.00	0.00
0.00	0.00	0.00

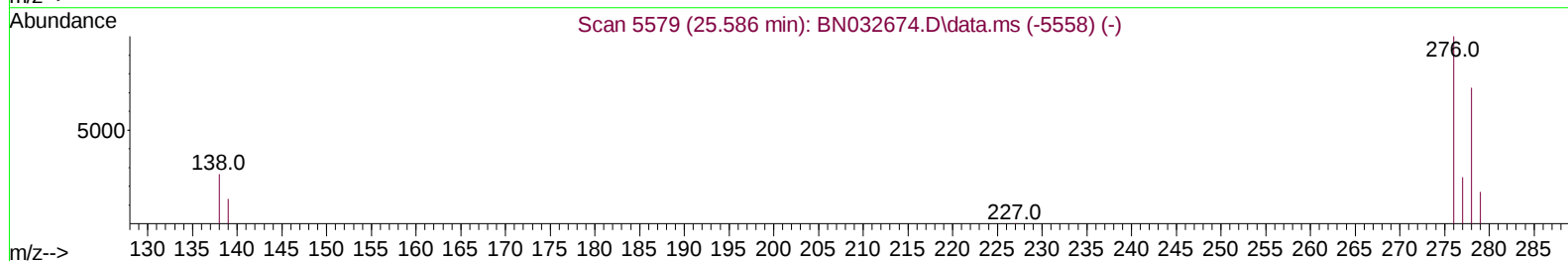
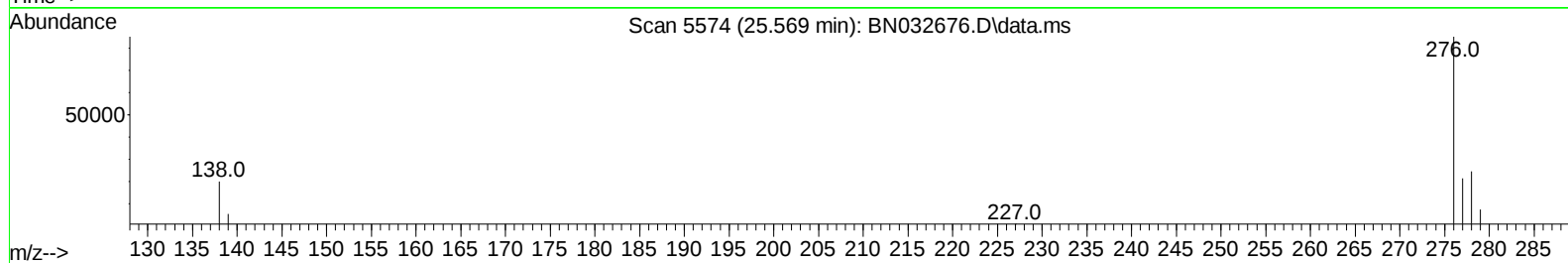
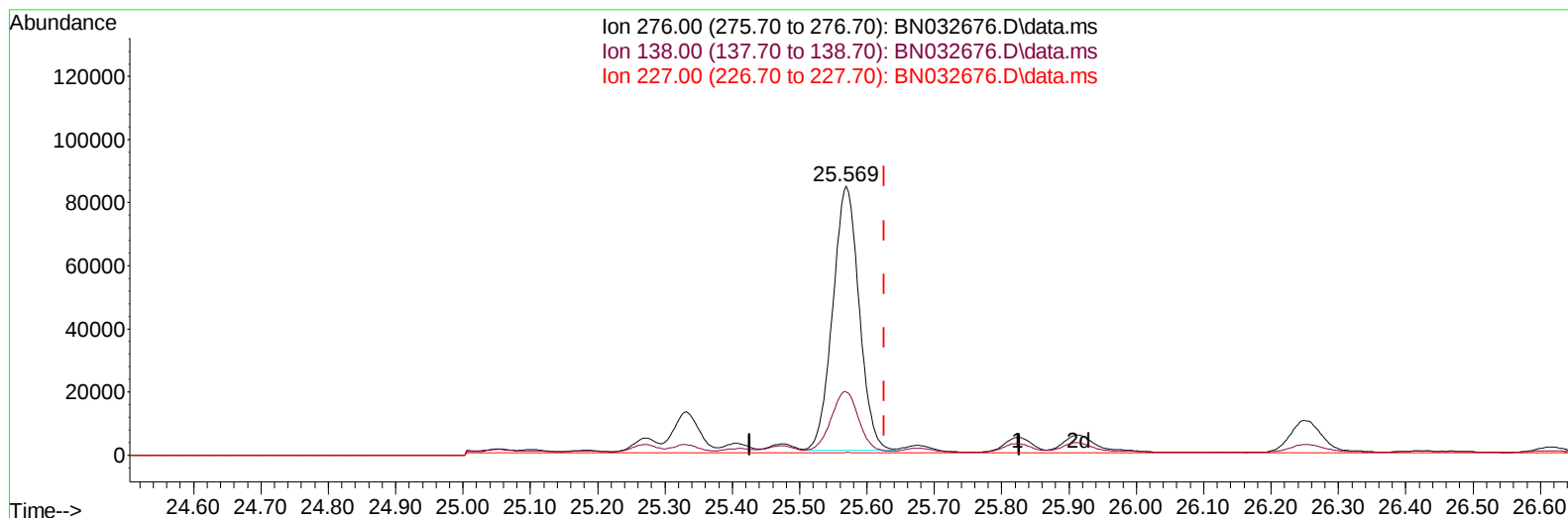
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

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

25.569min (-0.057) 3.94 ng/u1 m

response 227724

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.44#
227.00	0.00	0.00
0.00	0.00	0.00

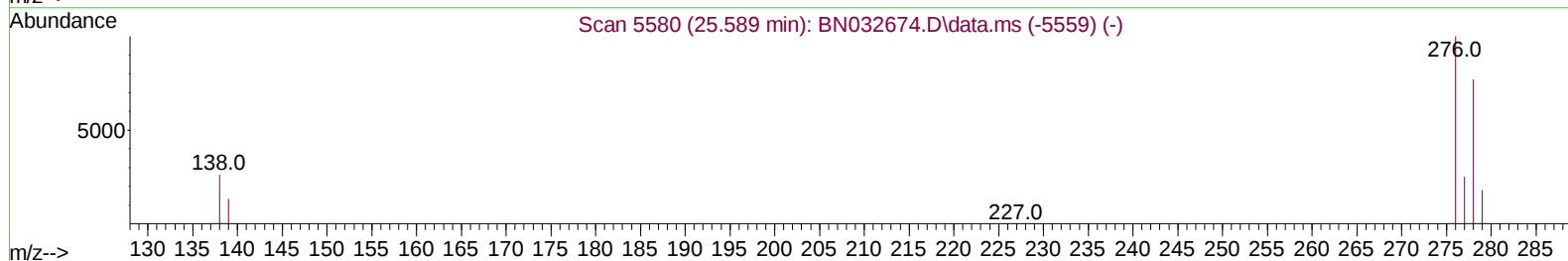
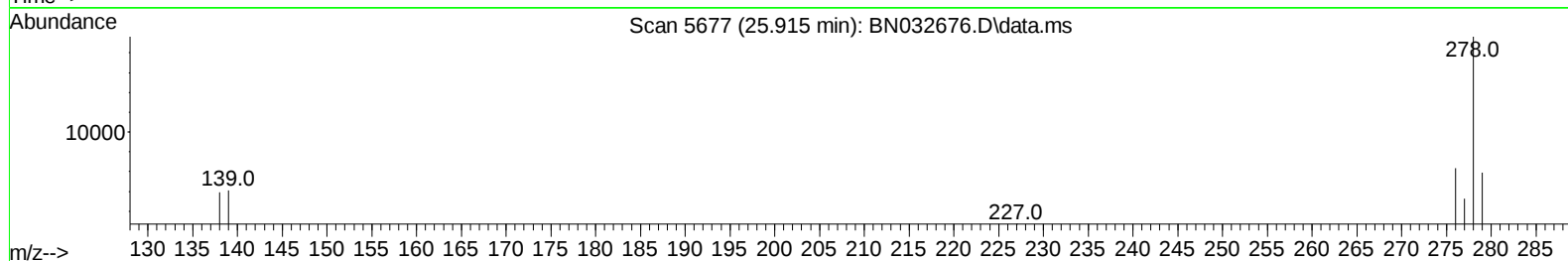
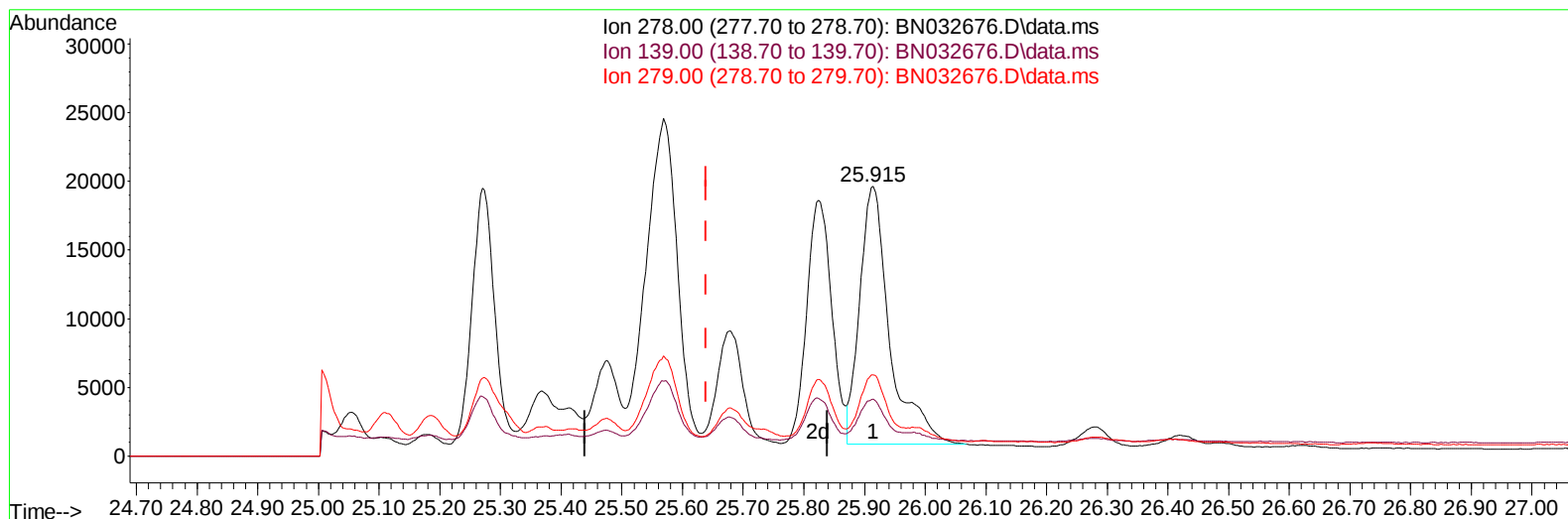
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(28) Dibenzo(a,h)anthracene

25.915min (+ 0.275) 1.45 ng/u1

response 64766

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	21.02
279.00	29.60	30.09
0.00	0.00	0.00

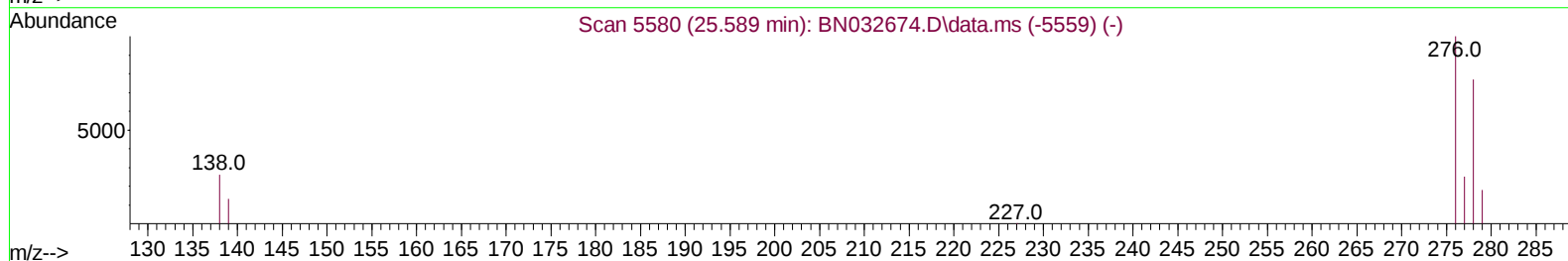
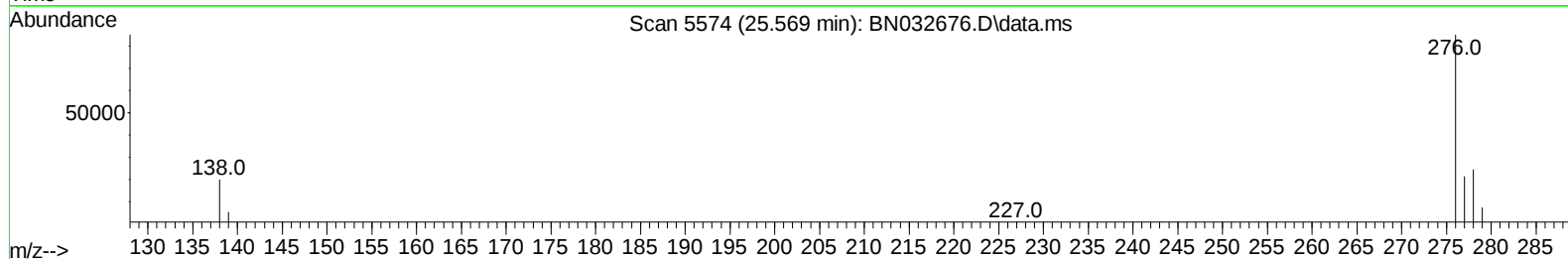
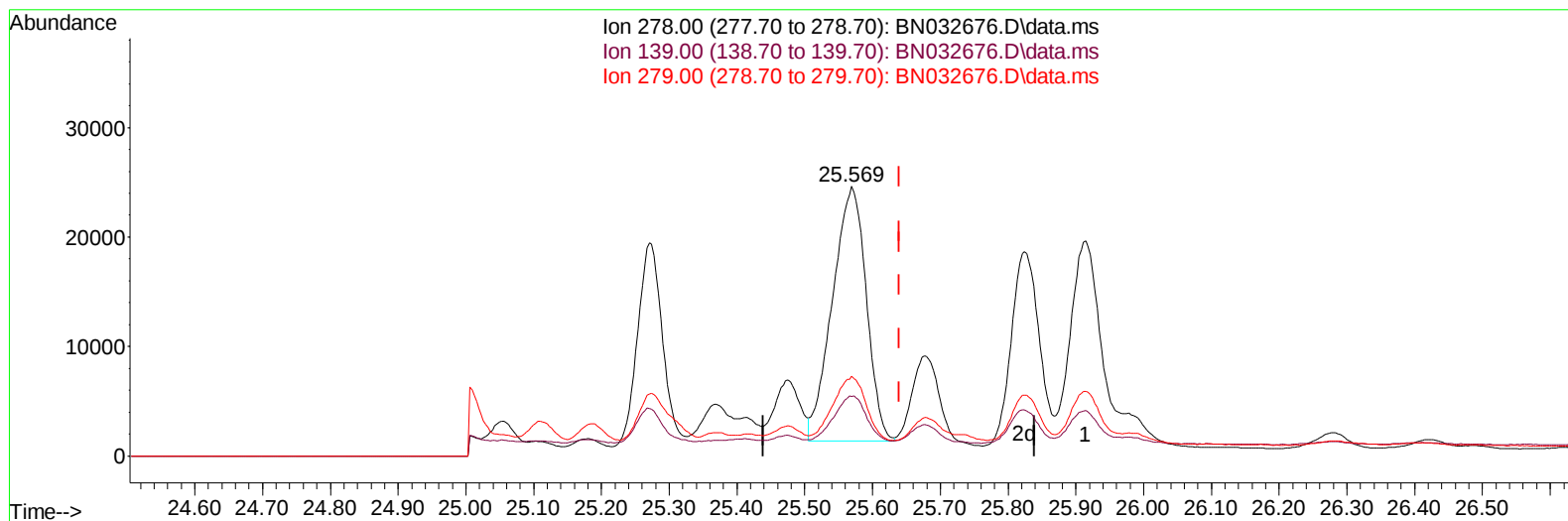
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

(28) Dibenzo(a,h)anthracene

25.569min (-0.070) 1.79 ng/ul m

response 80160

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.17
279.00	29.60	29.65
0.00	0.00	0.00

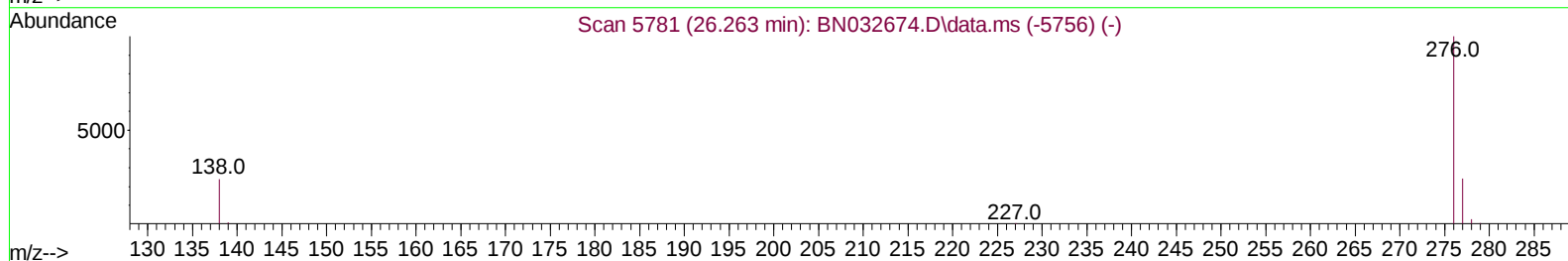
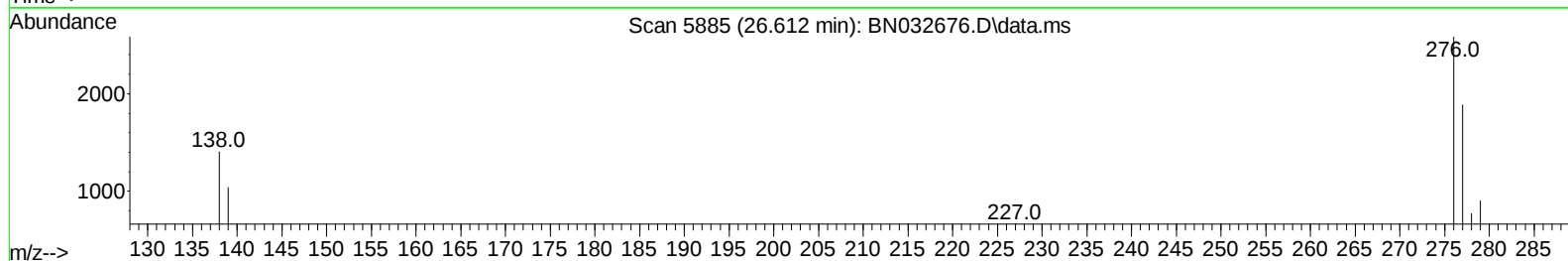
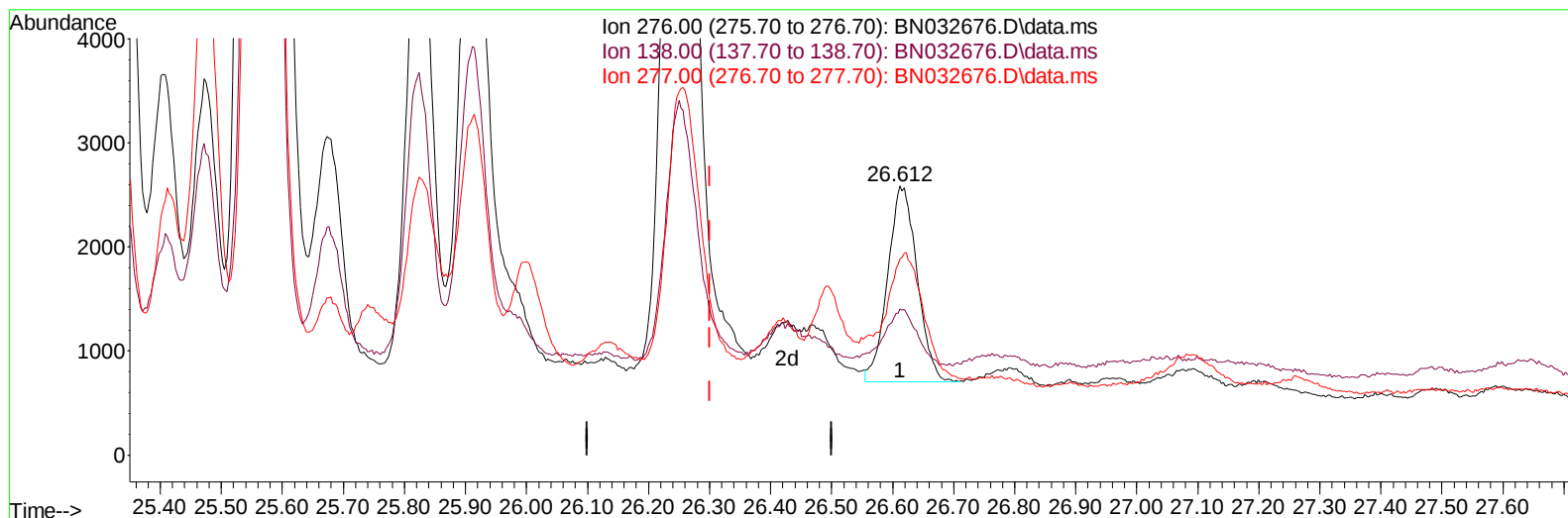
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

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

26.612min (+ 0.312) 0.13 ng/u1

response 6324

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	54.31#
277.00	25.80	72.96#
0.00	0.00	0.00

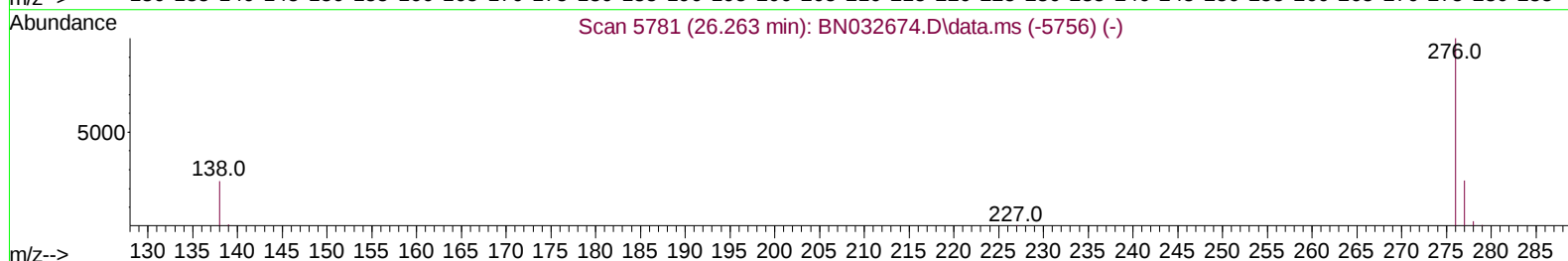
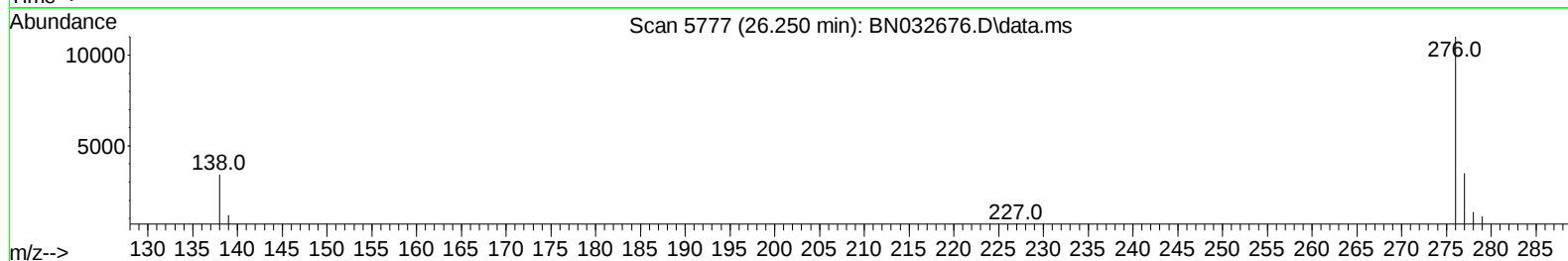
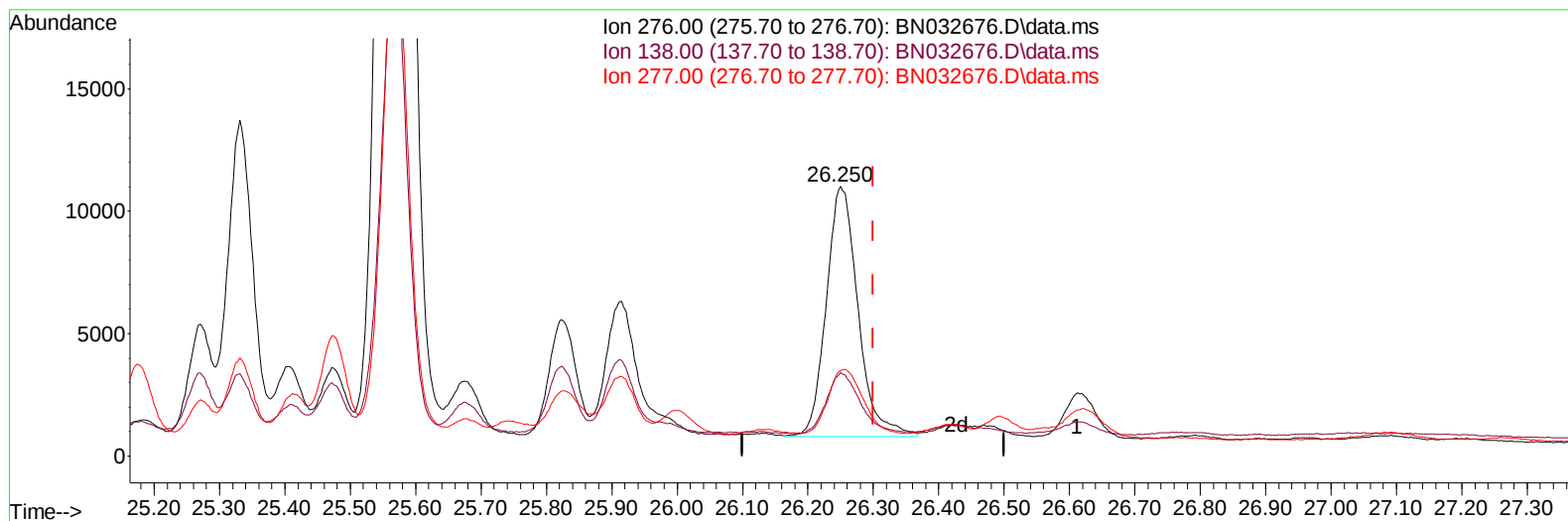
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
Acq On : 12 Jul 2024 17:23
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 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 :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032676.D\data.ms

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

26.250min (-0.050) 0.72 ng/ul m

response 34689

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	30.95
277.00	25.80	31.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032676.D
 Acq On : 12 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3087-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 18:33:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5251	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	15492	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	7965	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	14751m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	12245m	0.400	ng/ul	-0.03
23) Perylene-d12	23.366	264	13964m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	24529	3.890	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	5717	0.244	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10435m	0.261	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.371	128	8513	0.205	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	2729	0.105	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	2117	0.079	ng/ul	99
10) Acenaphthylene	13.920	152	17575	0.546	ng/ul	100
11) Acenaphthene	14.262	153	12540	0.471	ng/ul	100
12) Fluorene	15.262	166	15801	0.519	ng/ul	98
14) Pentachlorophenol	16.636	266	279m	0.108	ng/ul	
15) Phenanthrene	16.999	178	402259m	10.013	ng/ul	
16) Anthracene	17.092	178	72560m	2.211	ng/ul	
19) Fluoranthene	19.027	202	949416m	19.070	ng/ul	
20) Pyrene	19.394	202	646620m	12.548	ng/ul	
21) Benzo(a)anthracene	21.153	228	408674m	10.485	ng/ul	
22) Chrysene	21.206	228	475306m	8.430	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	634374m	12.875	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	250461m	4.171	ng/ul	
26) Benzo(a)pyrene	23.266	252	229857m	5.391	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.569	276	227724m	3.944	ng/ul	
28) Dibenzo(a,h)anthracene	25.569	278	80160m	1.791	ng/ul	
29) Benzo(g,h,i)perylene	26.250	276	34689m	0.719	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032676.D
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Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CB1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 18:33:41 2024
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