

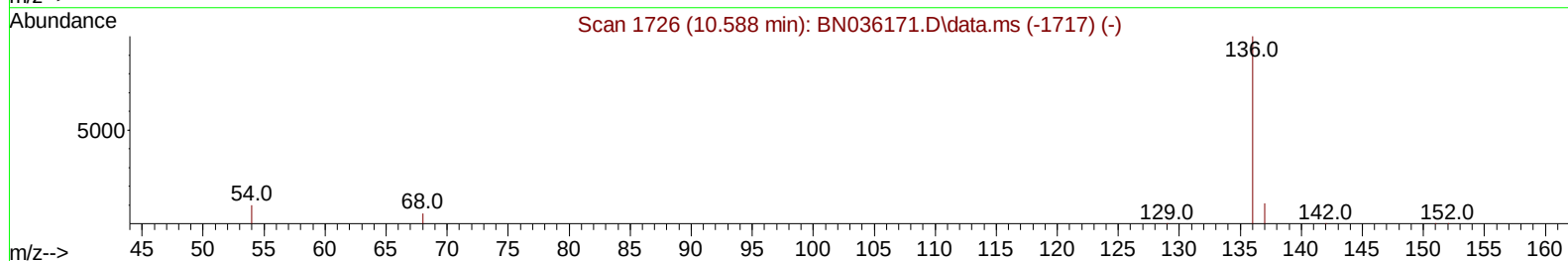
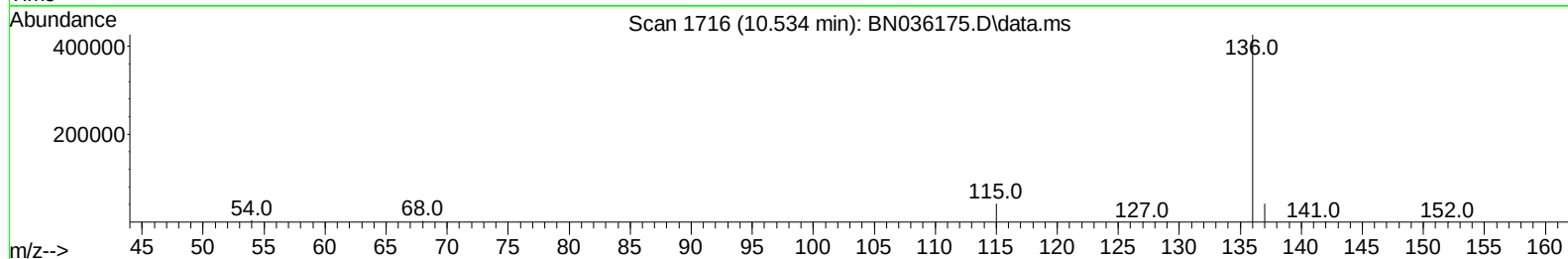
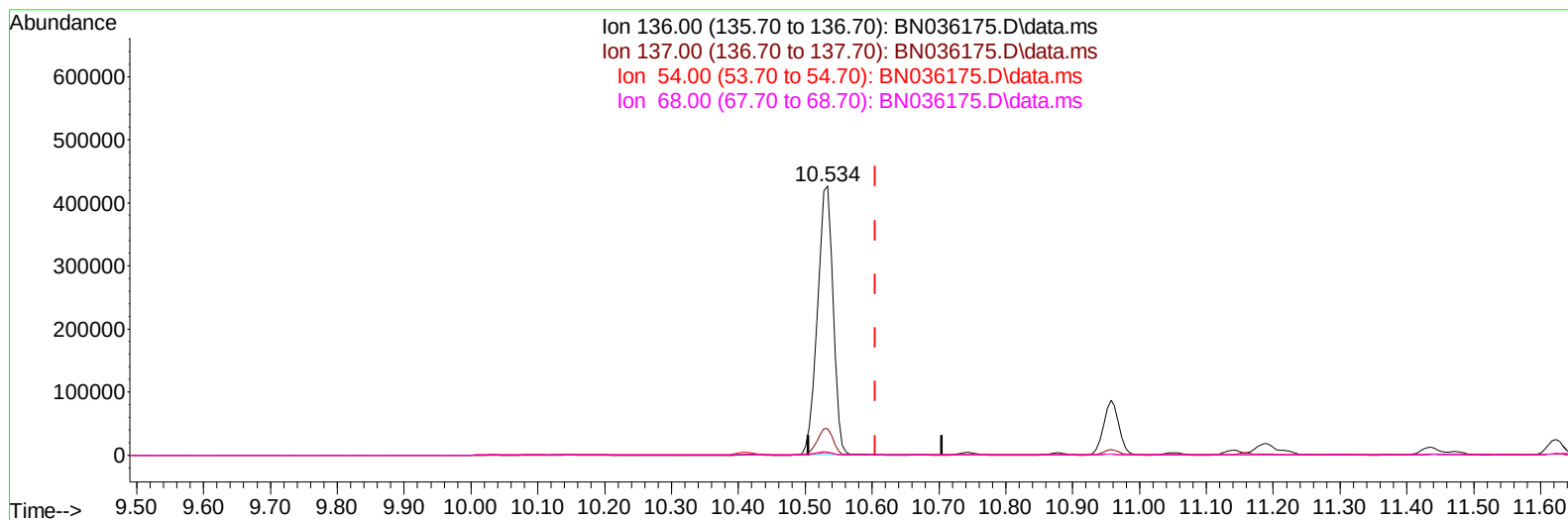
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(4) Naphthalene-d8 (I)

10.534min (-0.072) 0.40 ng/u1

response 693597

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	9.90#
54.00	12.80	1.20#
68.00	8.10	0.80#

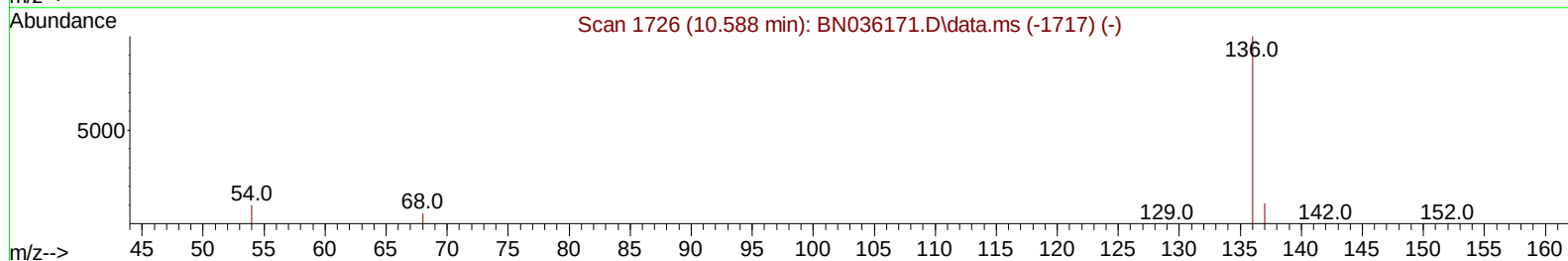
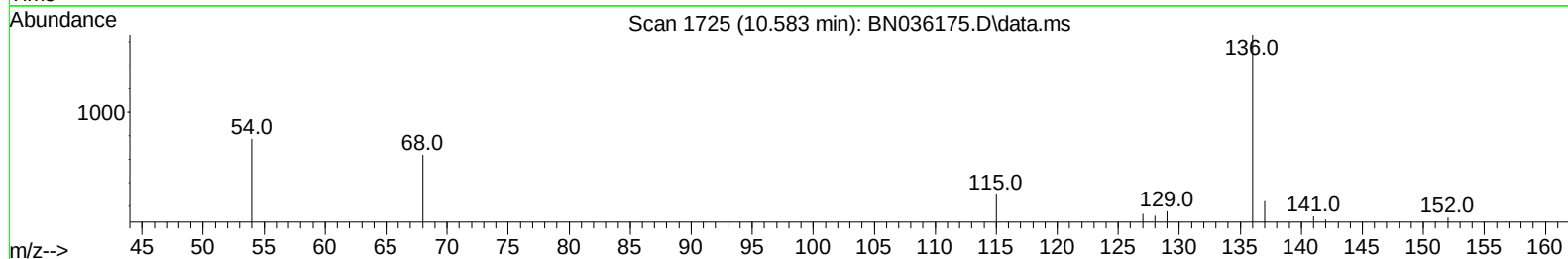
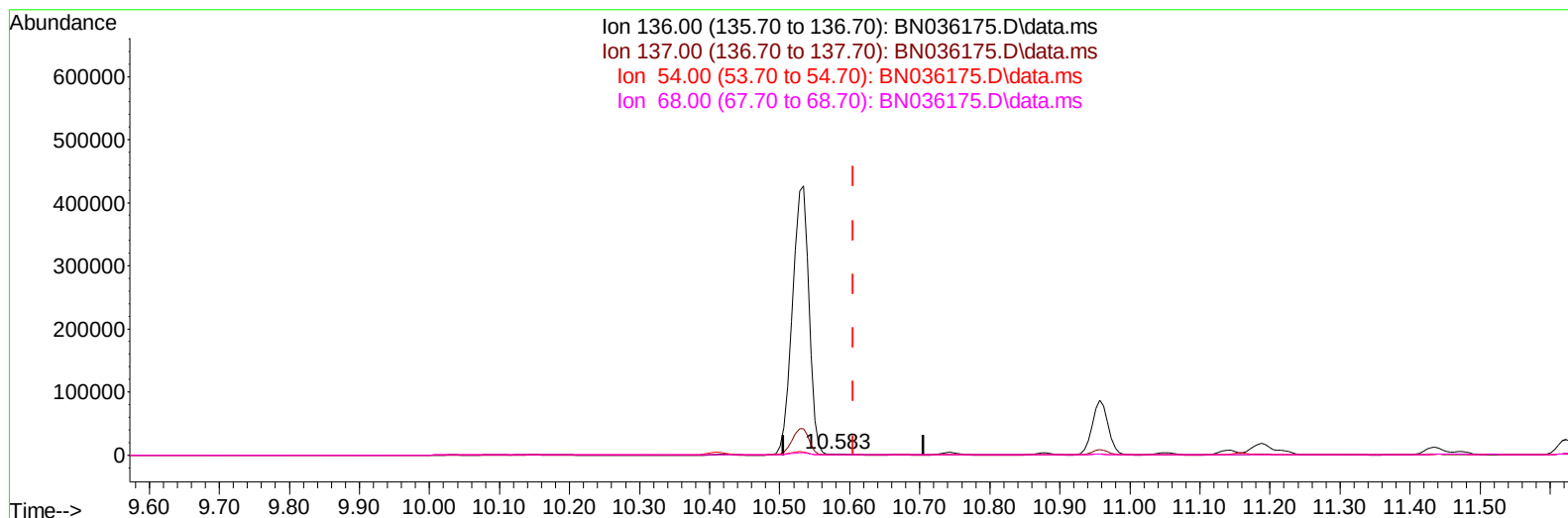
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(4) Naphthalene-d8 (I)

10.583min (-0.022) 0.40 ng/ul m

response 2191

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	14.64
54.00	12.80	46.81#
68.00	8.10	38.49#

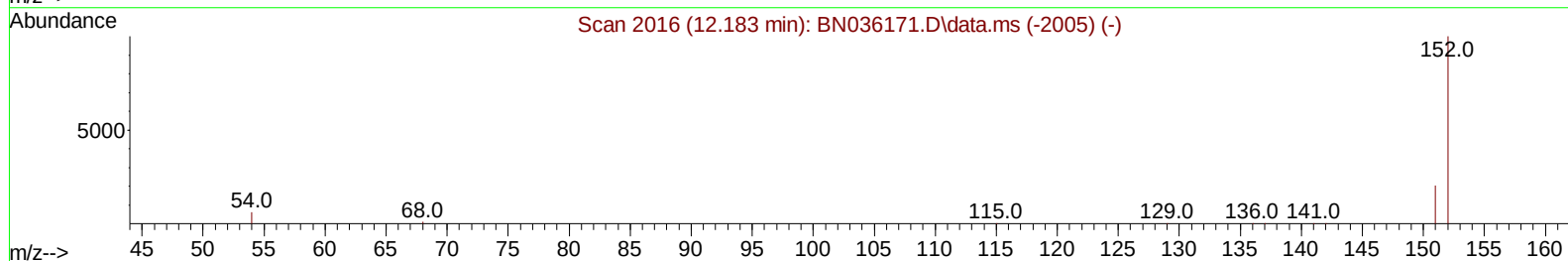
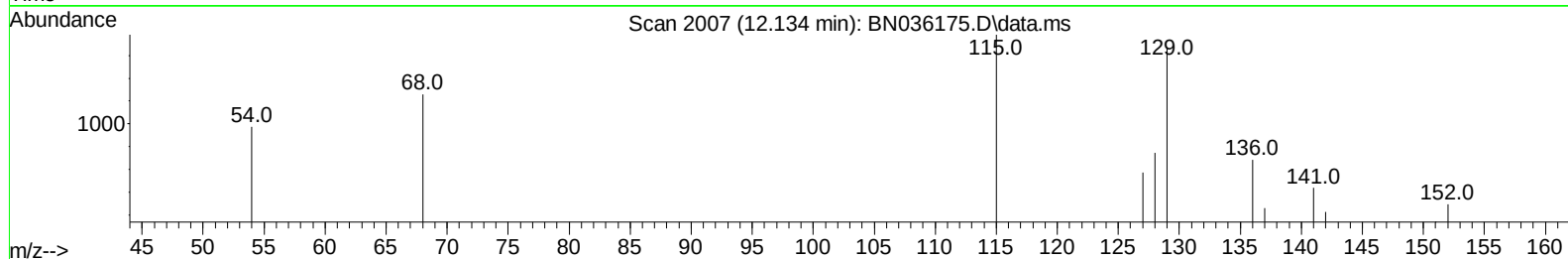
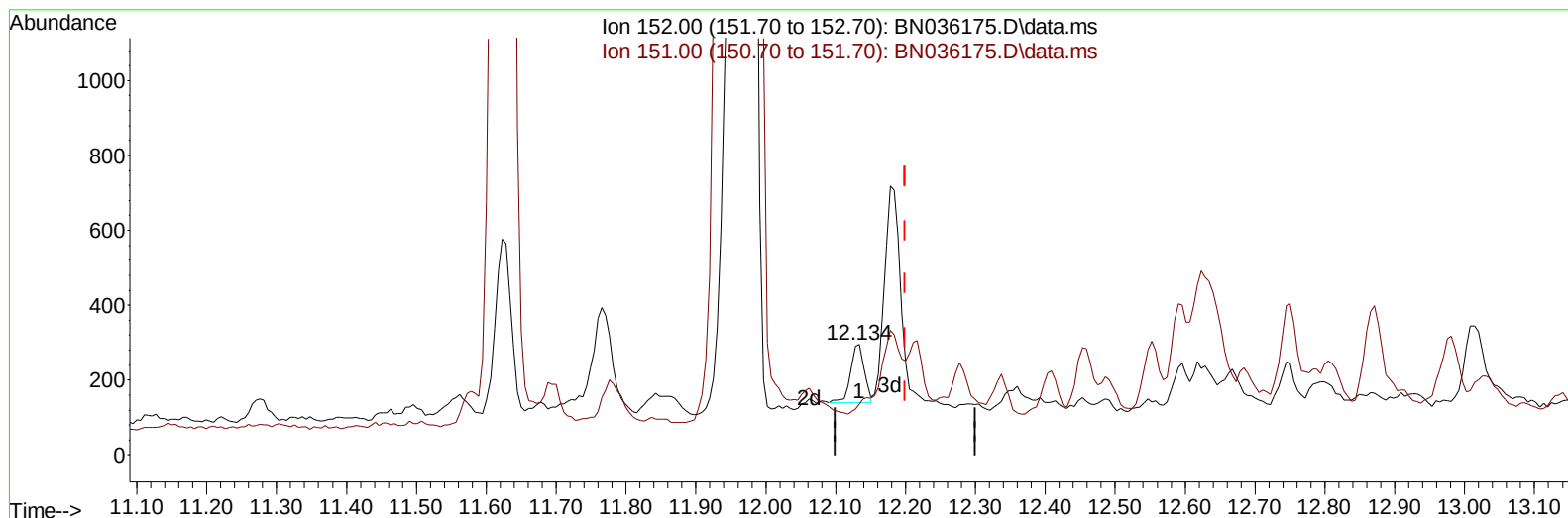
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.134min (-0.066) 0.08 ng/u1

response 218

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

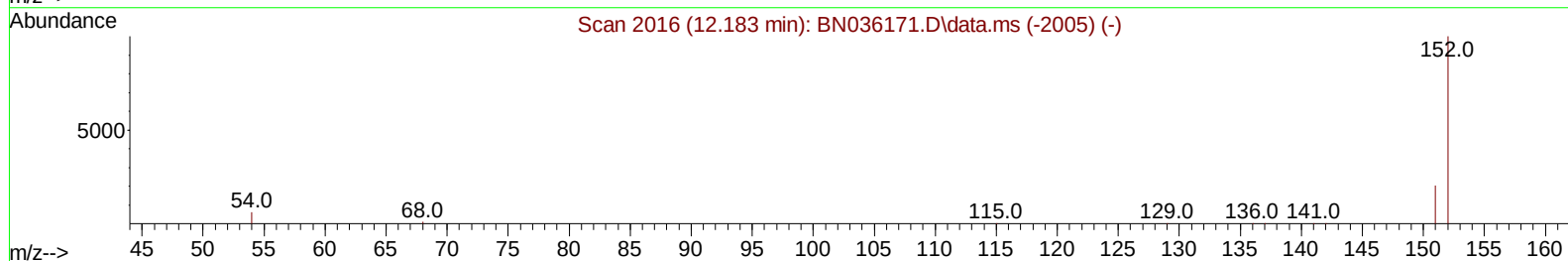
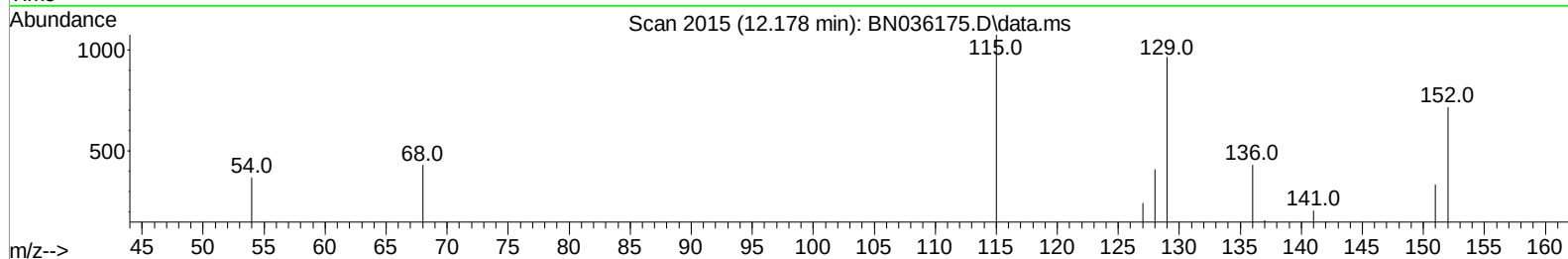
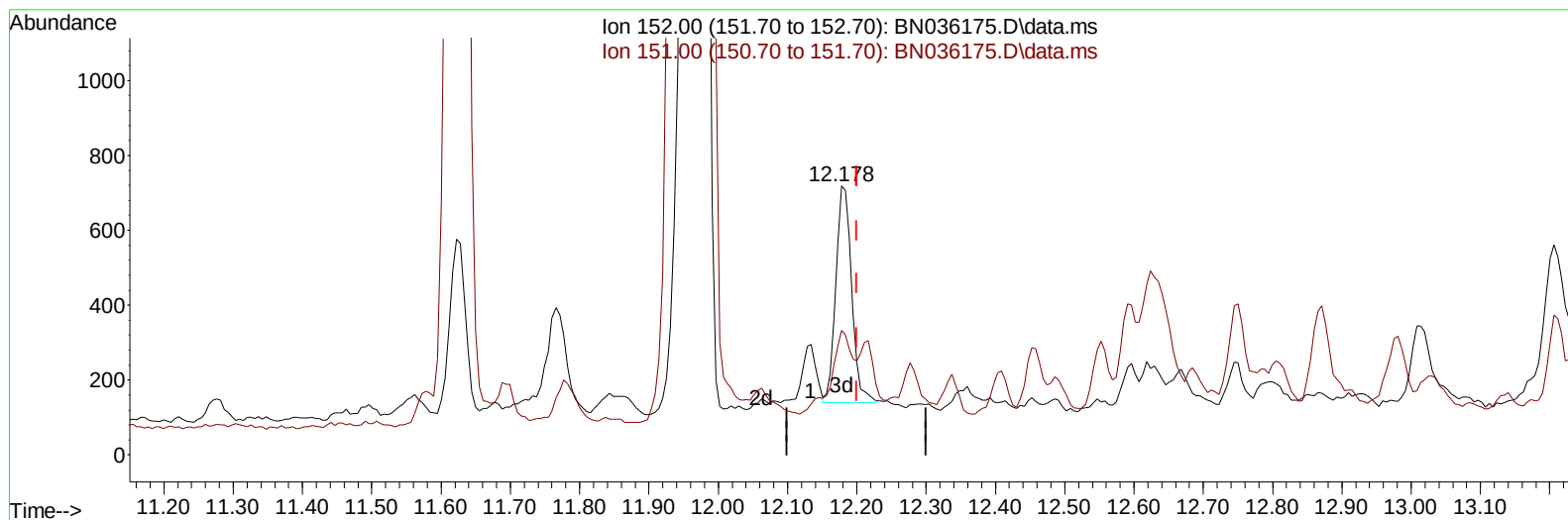
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036175.D
 Acq On : 31 Jan 2025 19:27
 Operator : RC/JU
 Sample : Q1197-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.178min (-0.022) 0.33 ng/ul m

response 918

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

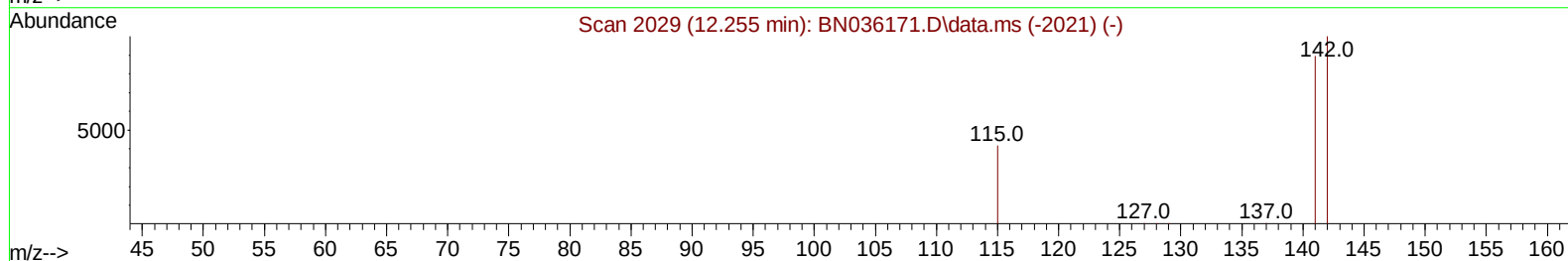
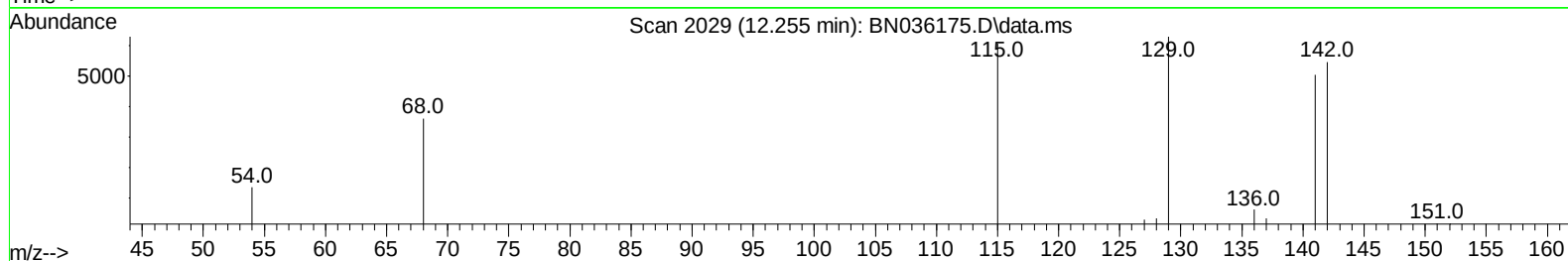
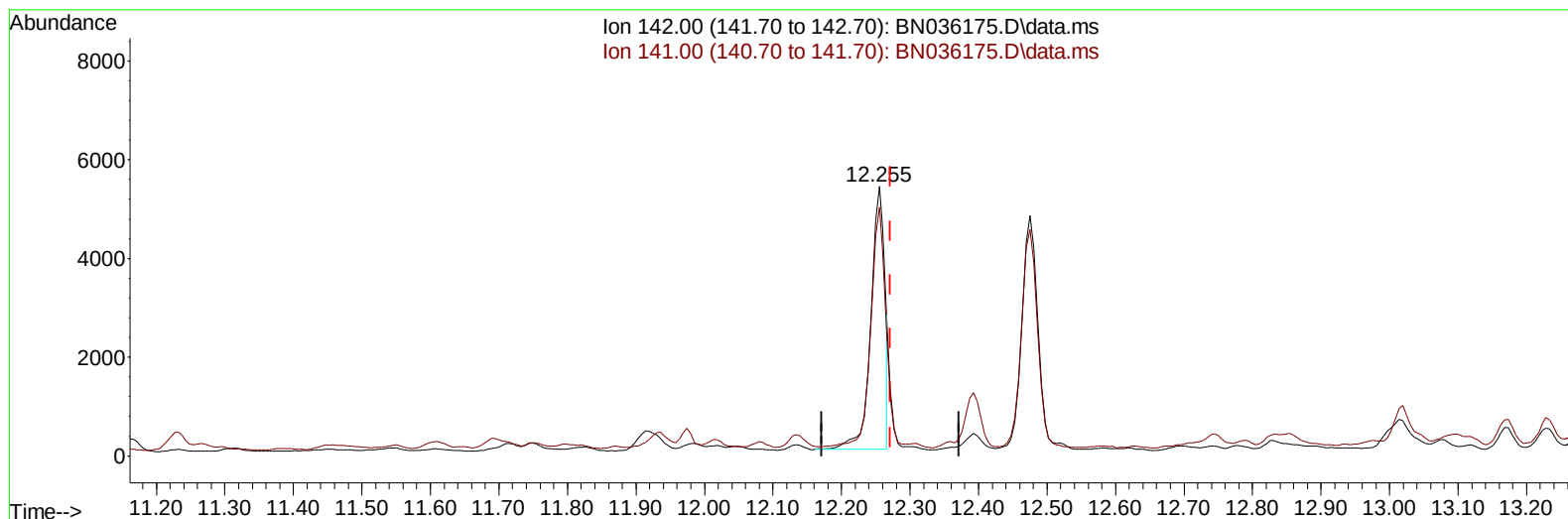
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(7) 2-Methylnaphthalene

12.255min (-0.017) 2.08 ng/u1

response 7815

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	89.38
0.00	0.00	0.00
0.00	0.00	0.00

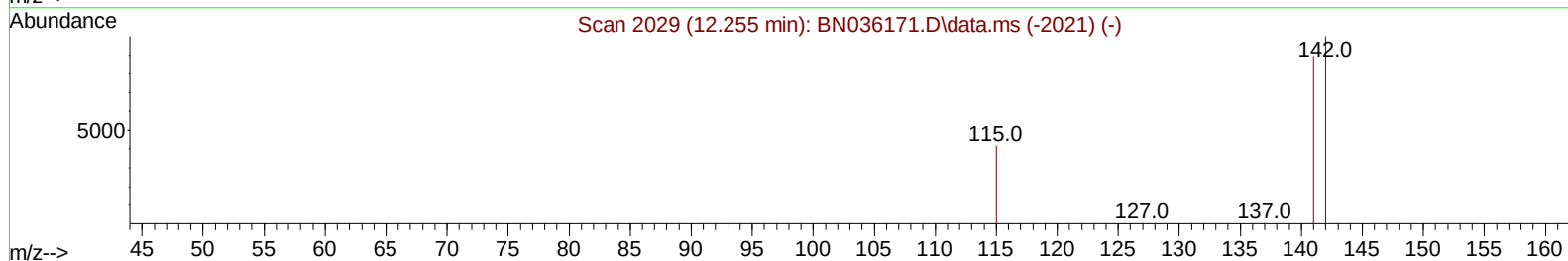
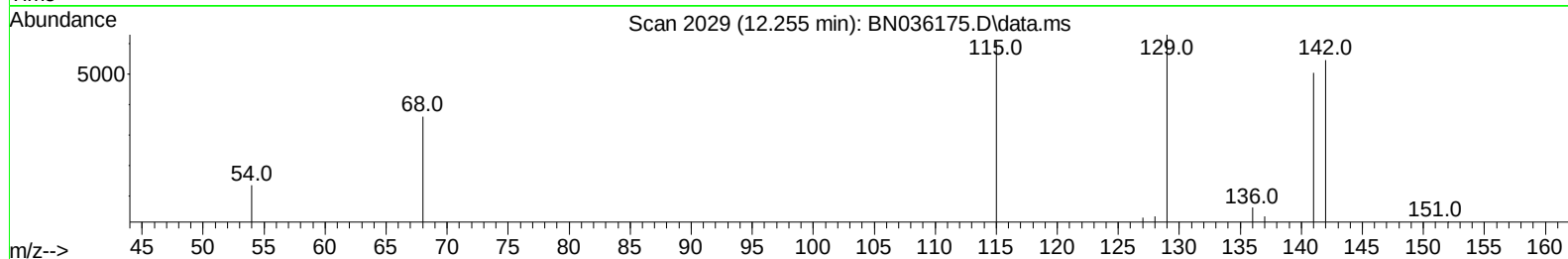
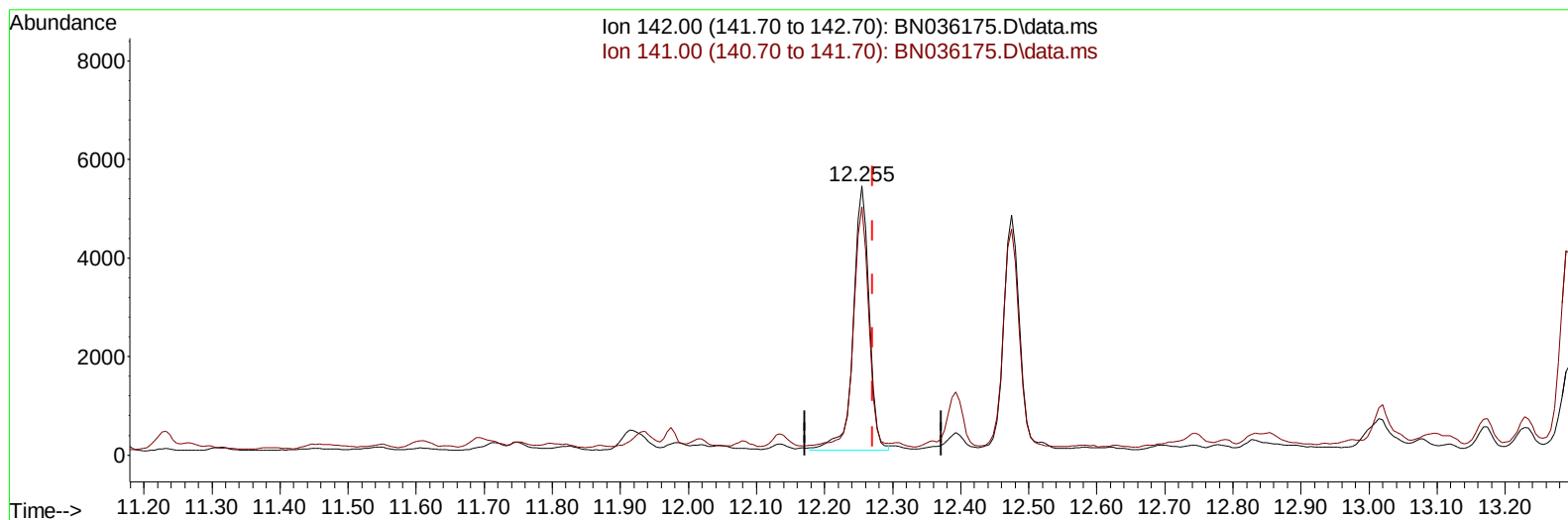
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

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TIC: BN036175.D\data.ms

(7) 2-Methylnaphthalene

12.255min (-0.017) 2.32 ng/ul m

response 8699

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	80.30
0.00	0.00	0.00
0.00	0.00	0.00

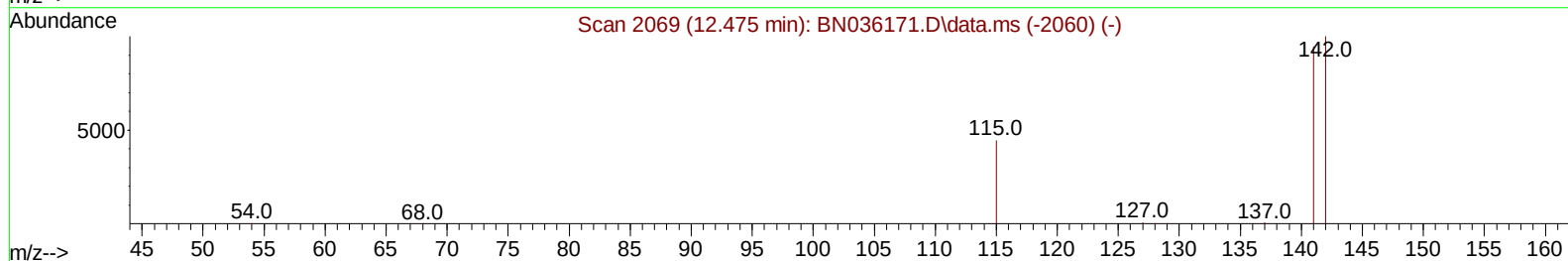
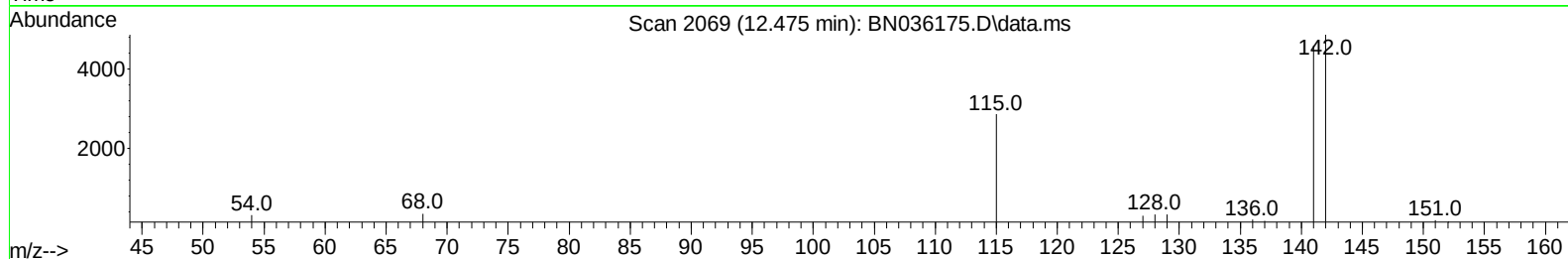
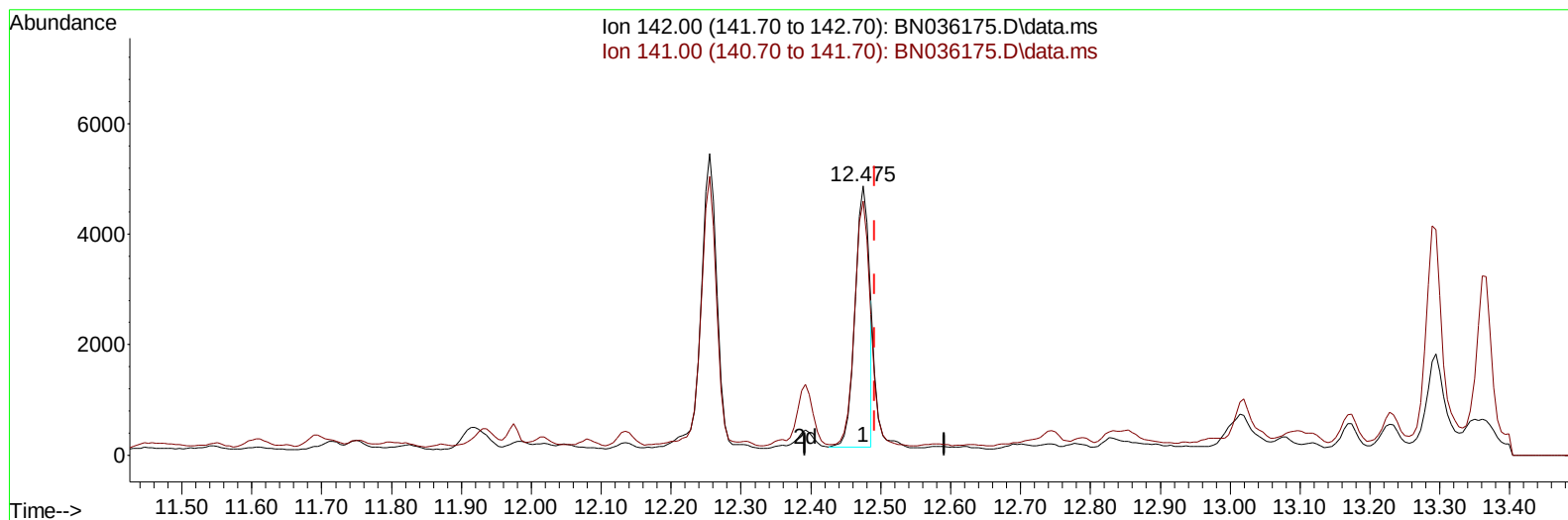
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
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TIC: BN036175.D\data.ms

(8) 1-Methylnaphthalene

12.475min (-0.017) 1.78 ng/u1

response 6774

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	94.98
0.00	0.00	0.00
0.00	0.00	0.00

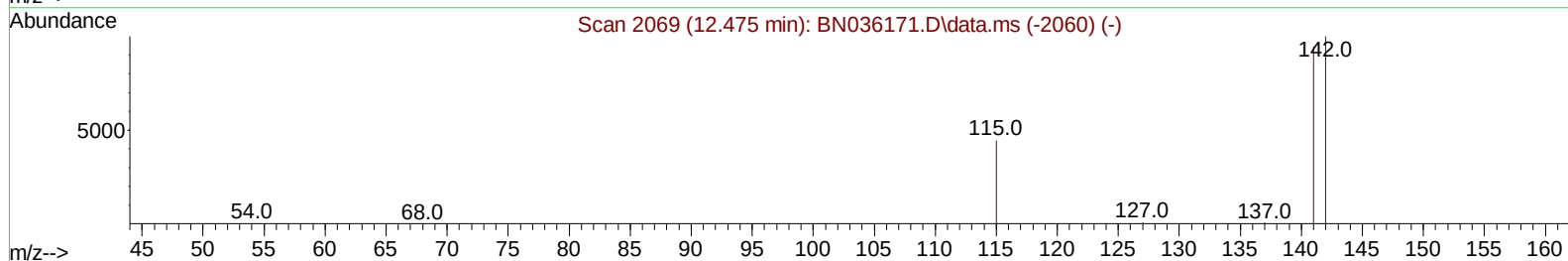
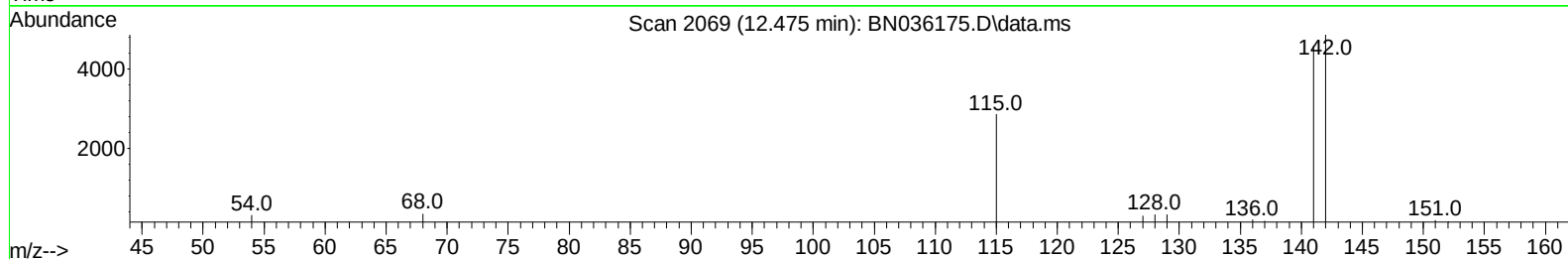
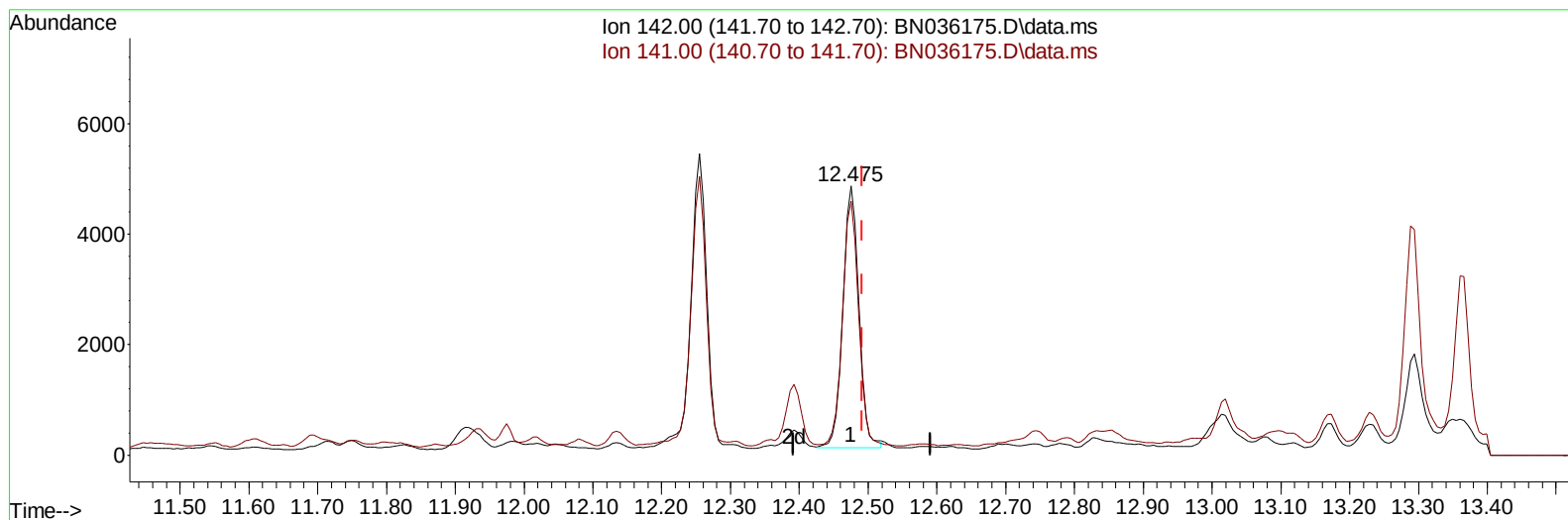
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(8) 1-Methylnaphthalene

12.475min (-0.017) 2.01 ng/u1 m

response 7657

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	84.03
0.00	0.00	0.00
0.00	0.00	0.00

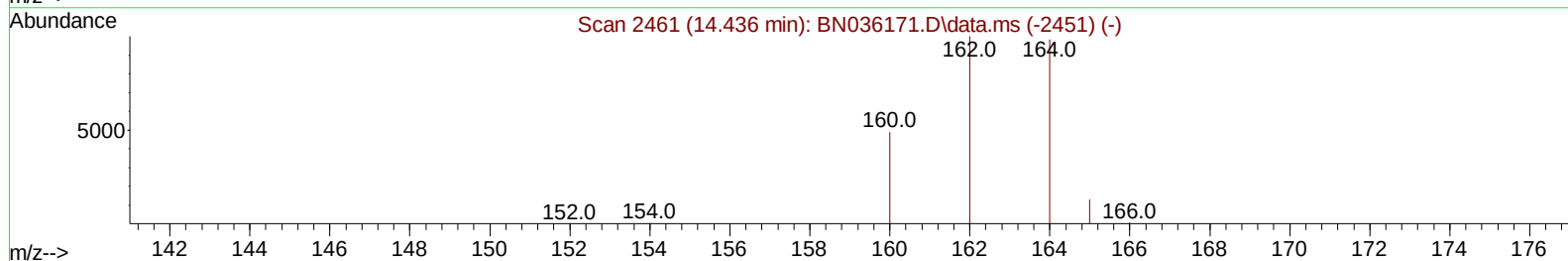
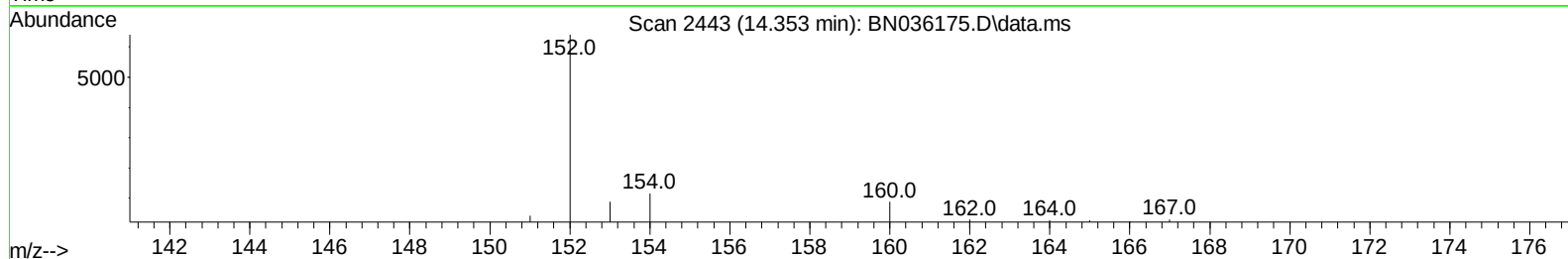
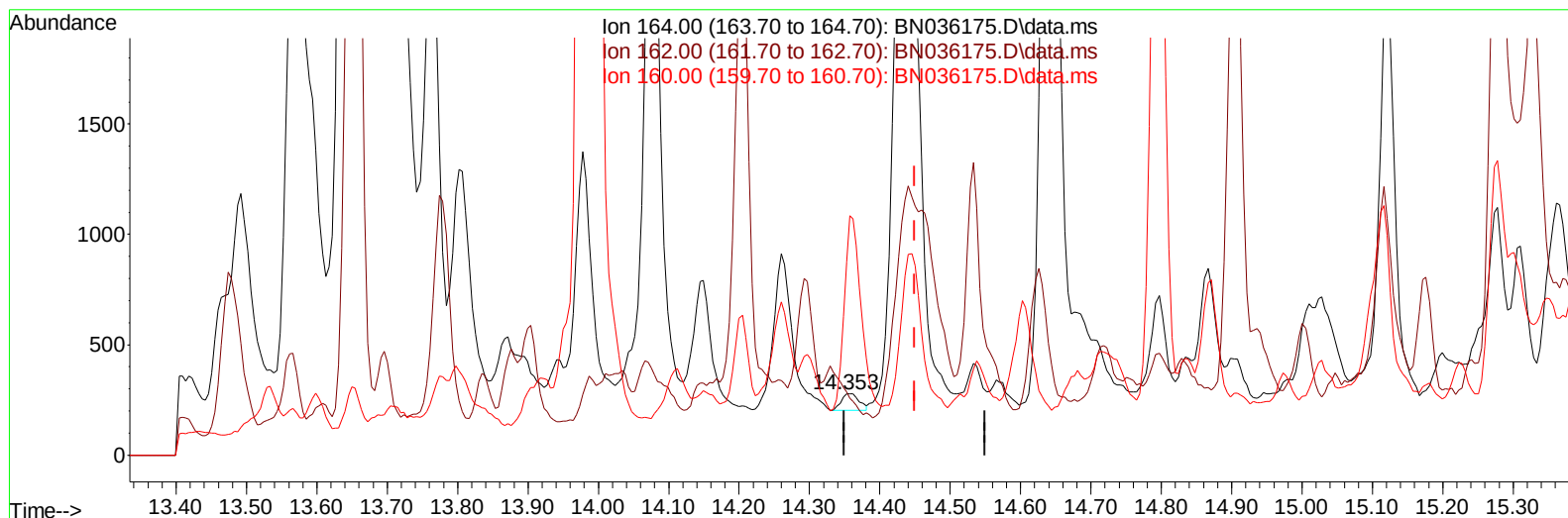
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Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
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TIC: BN036175.D\data.ms

(9) Acenaphthene-d10 (I)

14.353min (-0.097) 0.40 ng/u1

response 129

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	103.25
160.00	54.60	315.88#
0.00	0.00	0.00

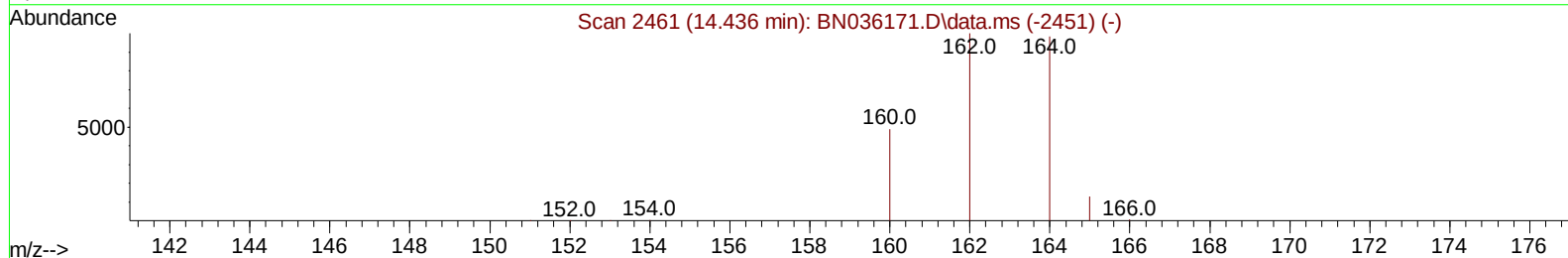
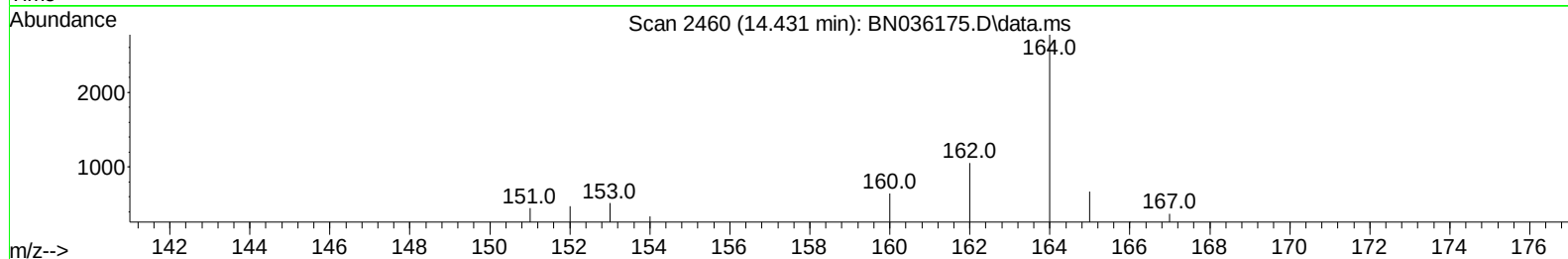
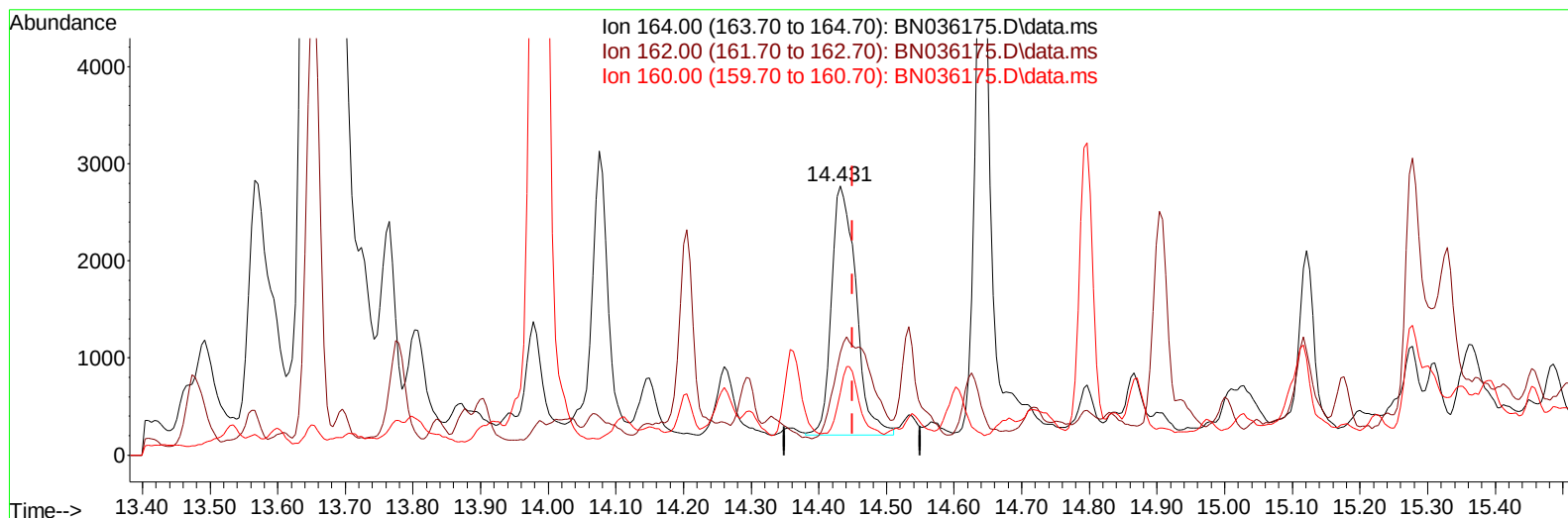
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036175.D\data.ms

(9) Acenaphthene-d10 (I)

14.431min (-0.019) 0.40 ng/ul m

response 6474

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	38.09#
160.00	54.60	23.32#
0.00	0.00	0.00

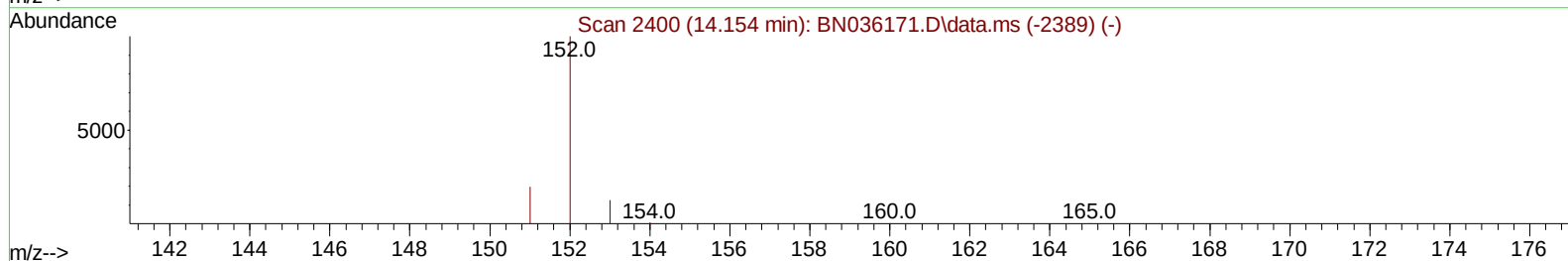
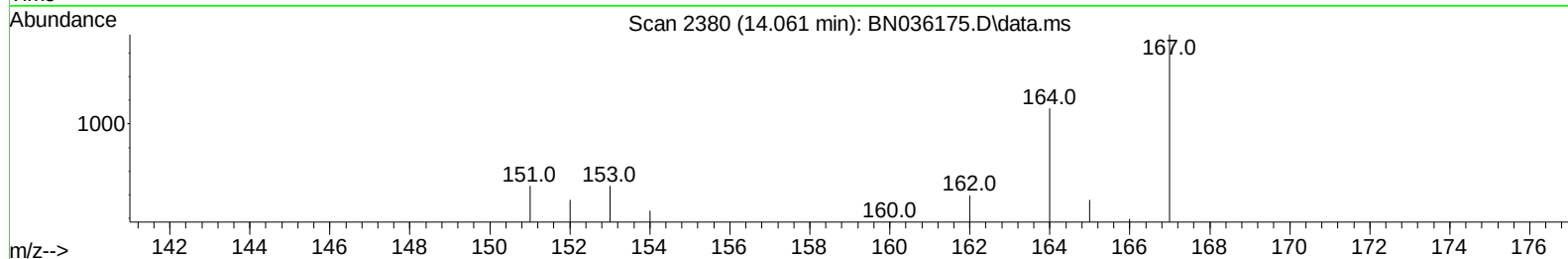
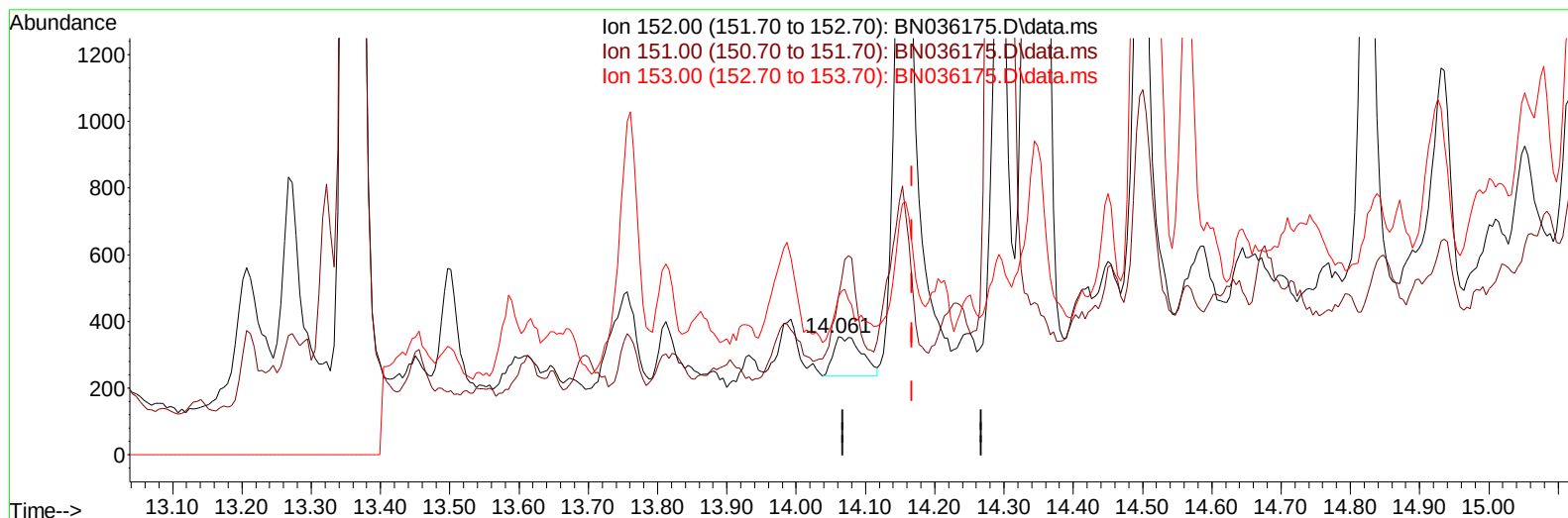
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Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(10) Acenaphthylene

14.061min (-0.106) 0.01 ng/ul

response 335

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.80	133.90#
153.00	14.90	133.62#
0.00	0.00	0.00

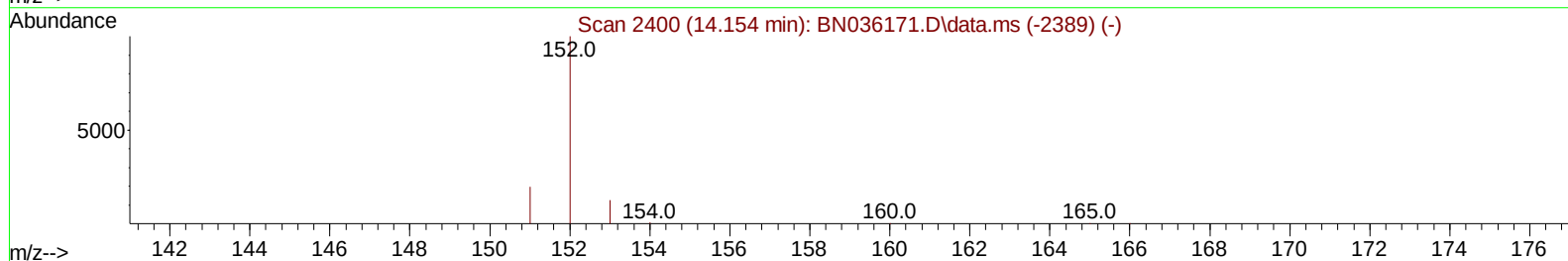
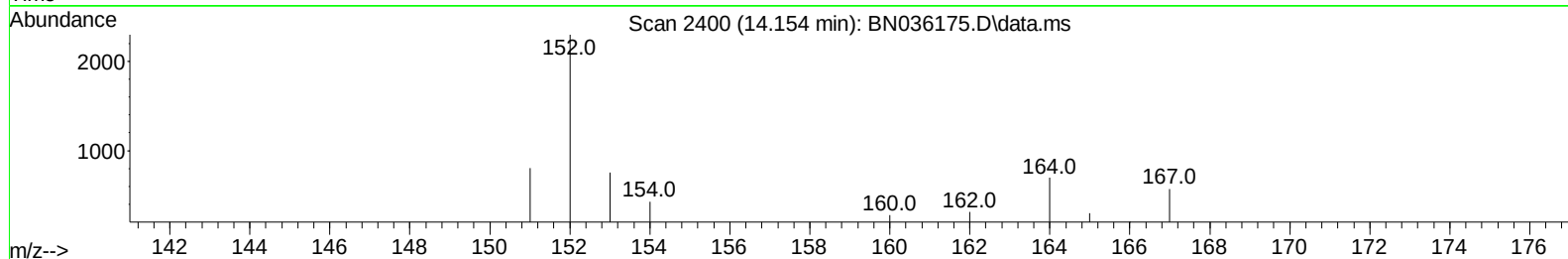
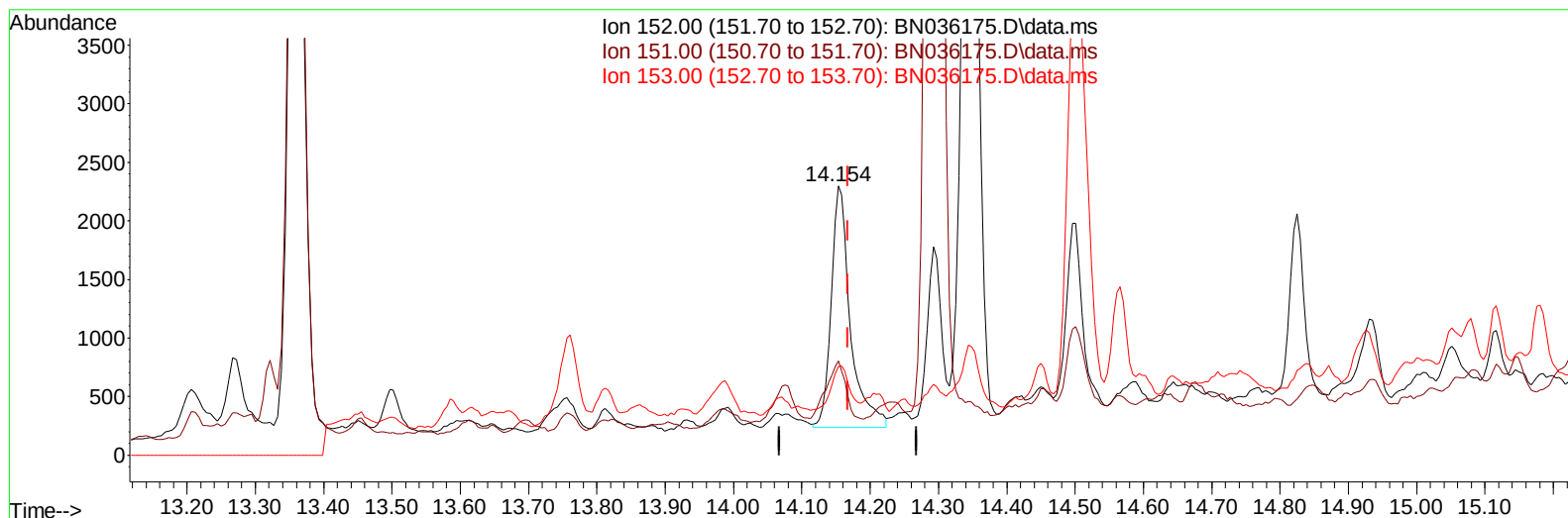
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN036175.D\data.ms

(10) Acenaphthylene

14.154min (-0.014) 0.13 ng/ul m

response 4008

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.80	35.09#
153.00	14.90	32.83#
0.00	0.00	0.00

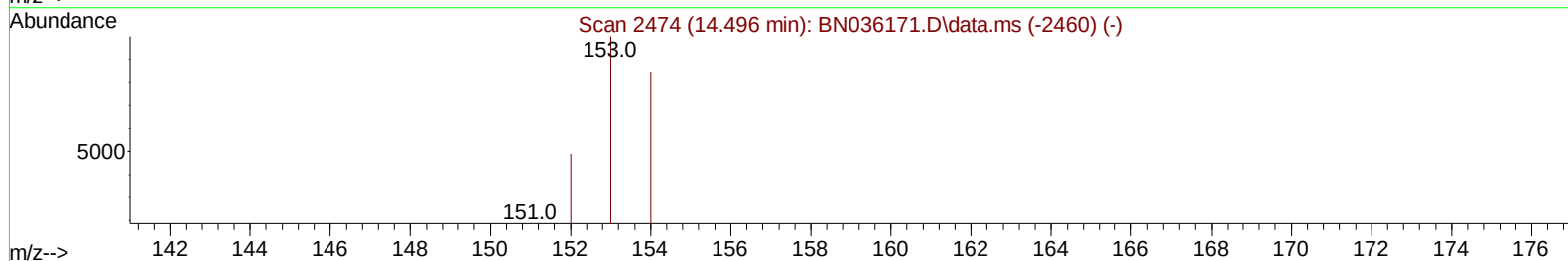
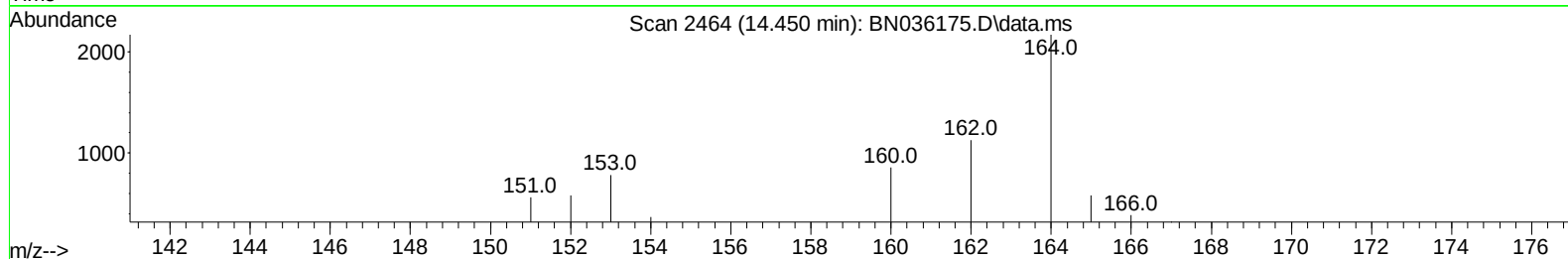
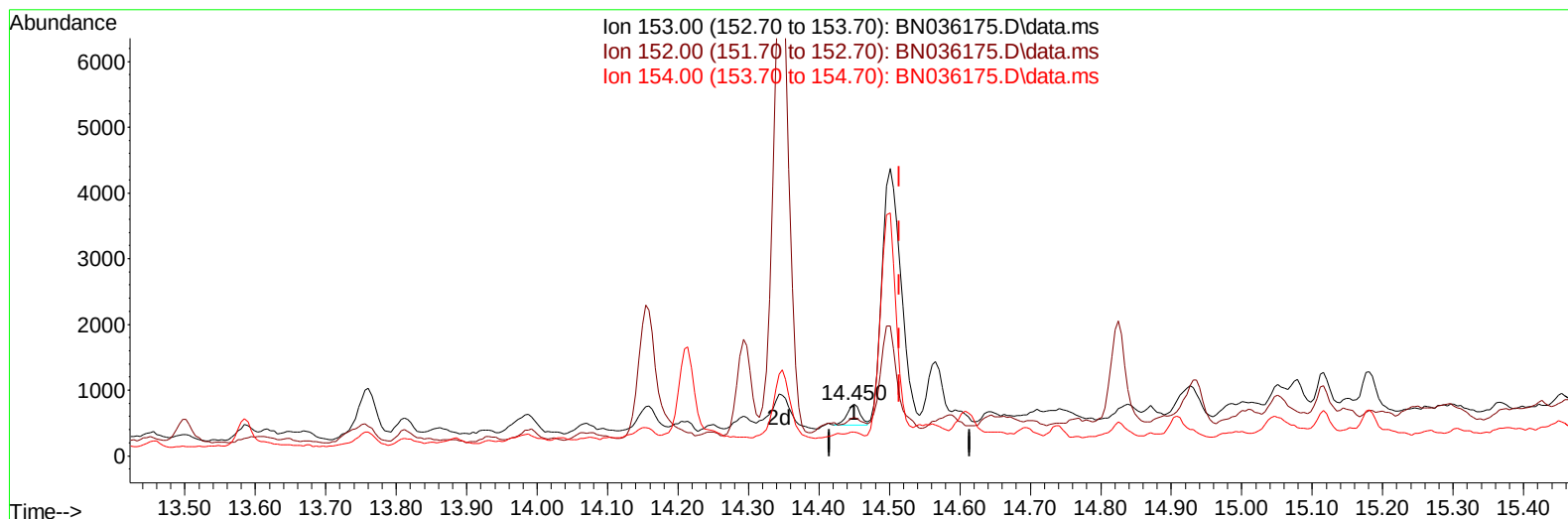
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(11) Acenaphthene (C)

14.450min (-0.065) 0.02 ng/u1

response 405

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	54.00	74.11#
154.00	88.10	46.81#
0.00	0.00	0.00

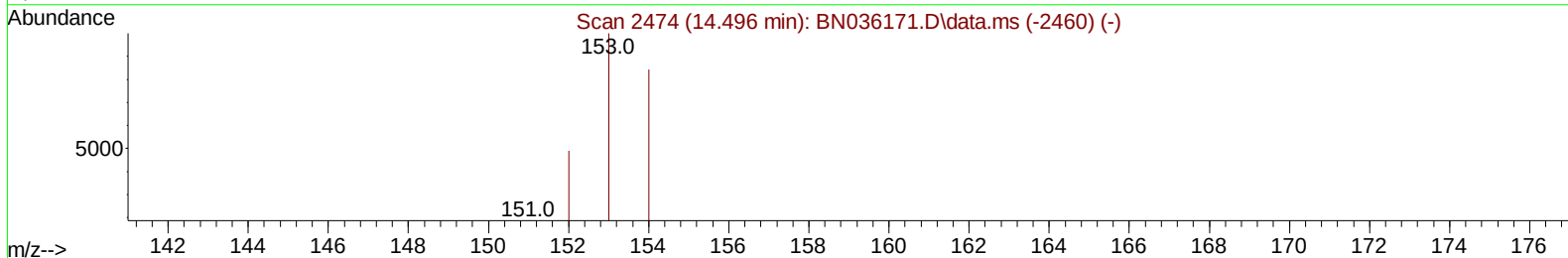
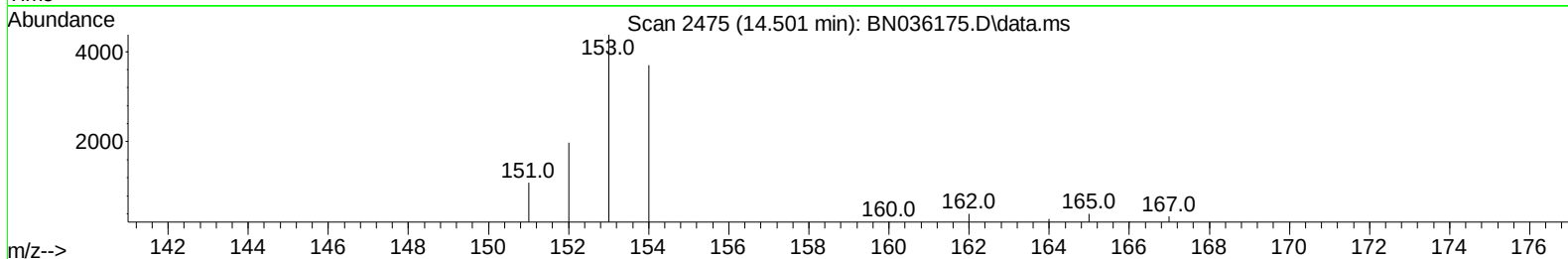
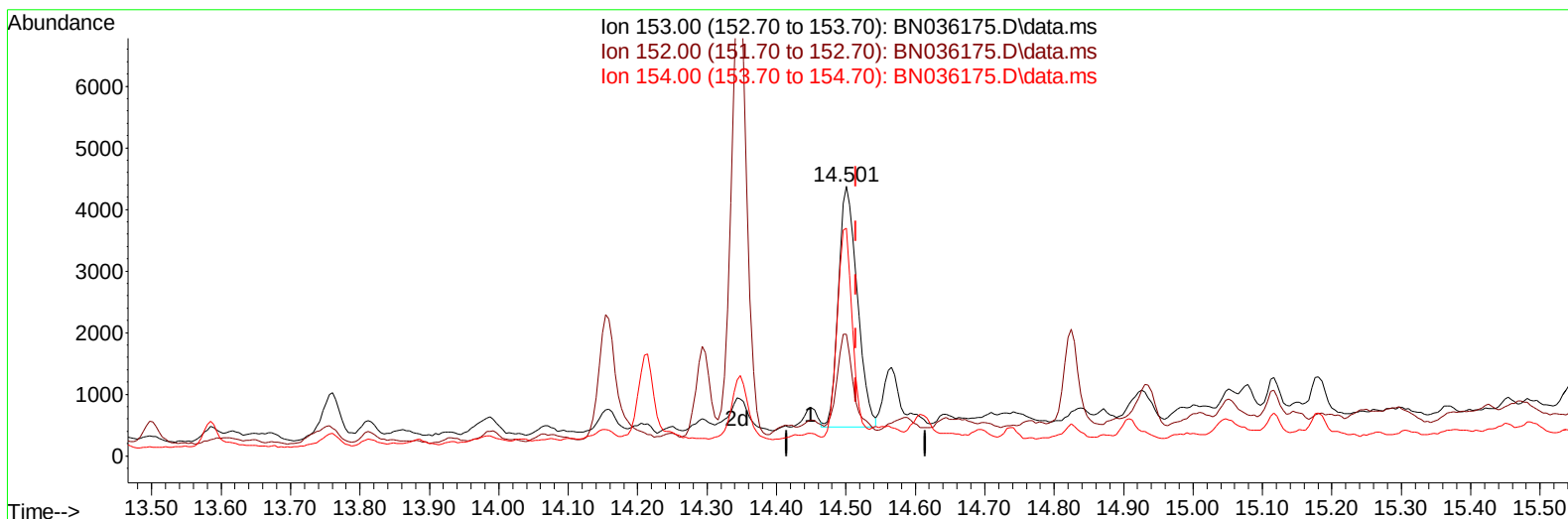
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(11) Acenaphthene (C)

14.501min (-0.014) 0.33 ng/ul m

response 7389

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	54.00	45.27
154.00	88.10	84.43
0.00	0.00	0.00

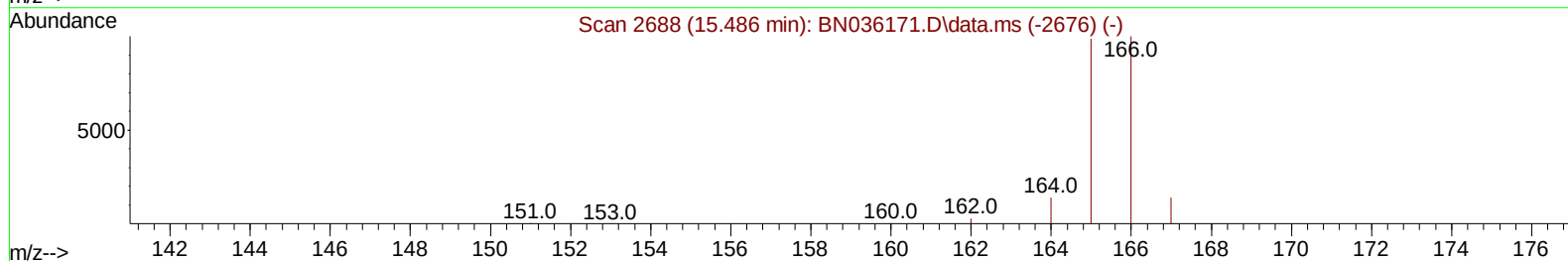
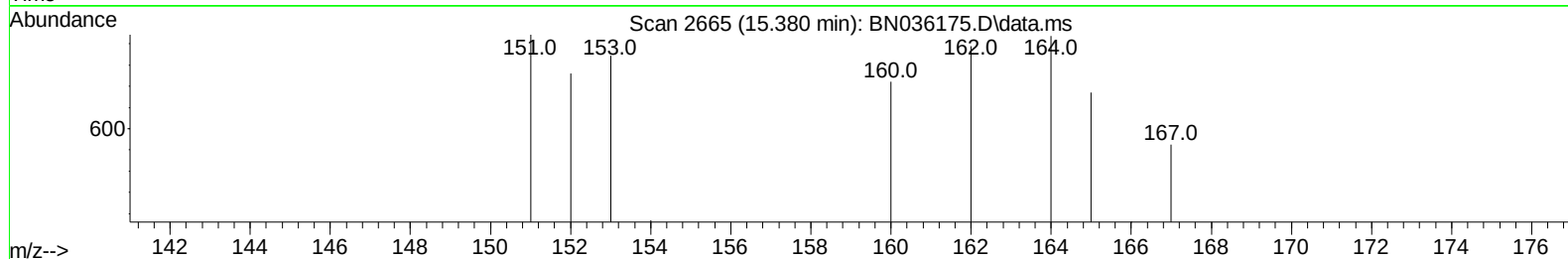
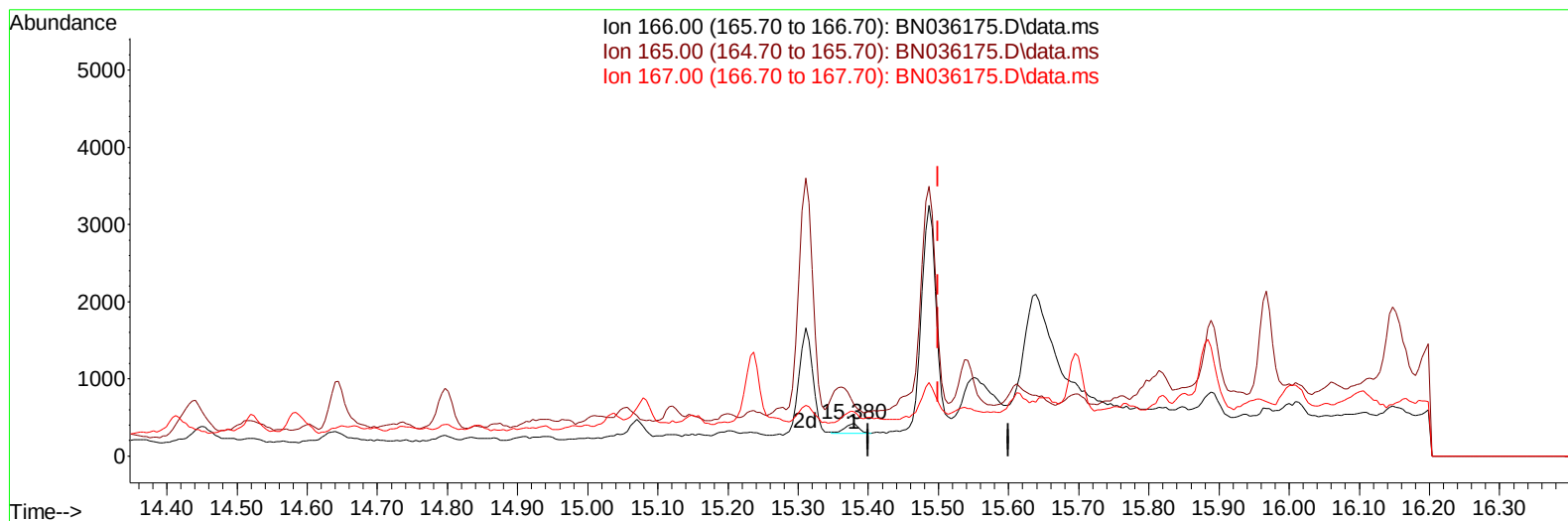
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036175.D
 Acq On : 31 Jan 2025 19:27
 Operator : RC/JU
 Sample : Q1197-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(12) Fluorene

15.380min (-0.120) 0.01 ng/u1

response 169

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.40	157.55#
167.00	15.40	134.43#
0.00	0.00	0.00

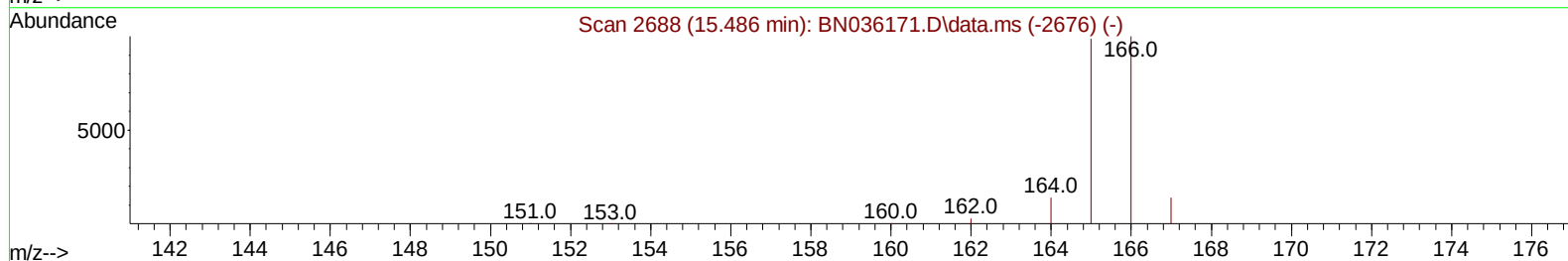
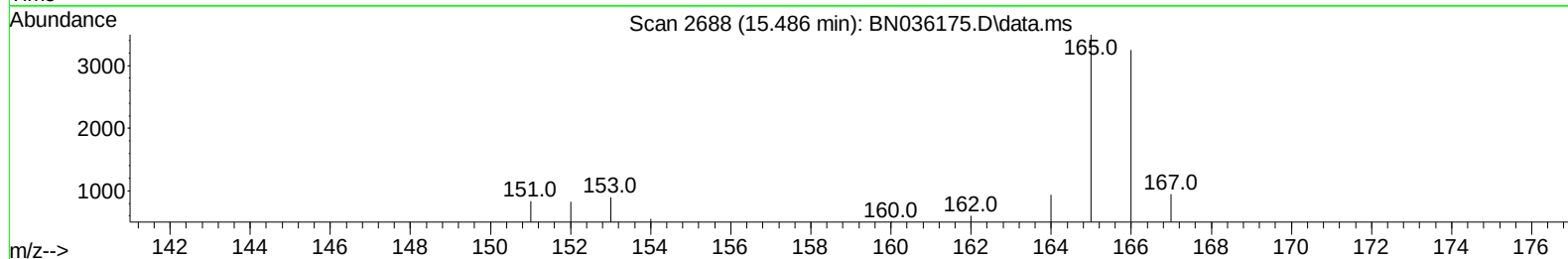
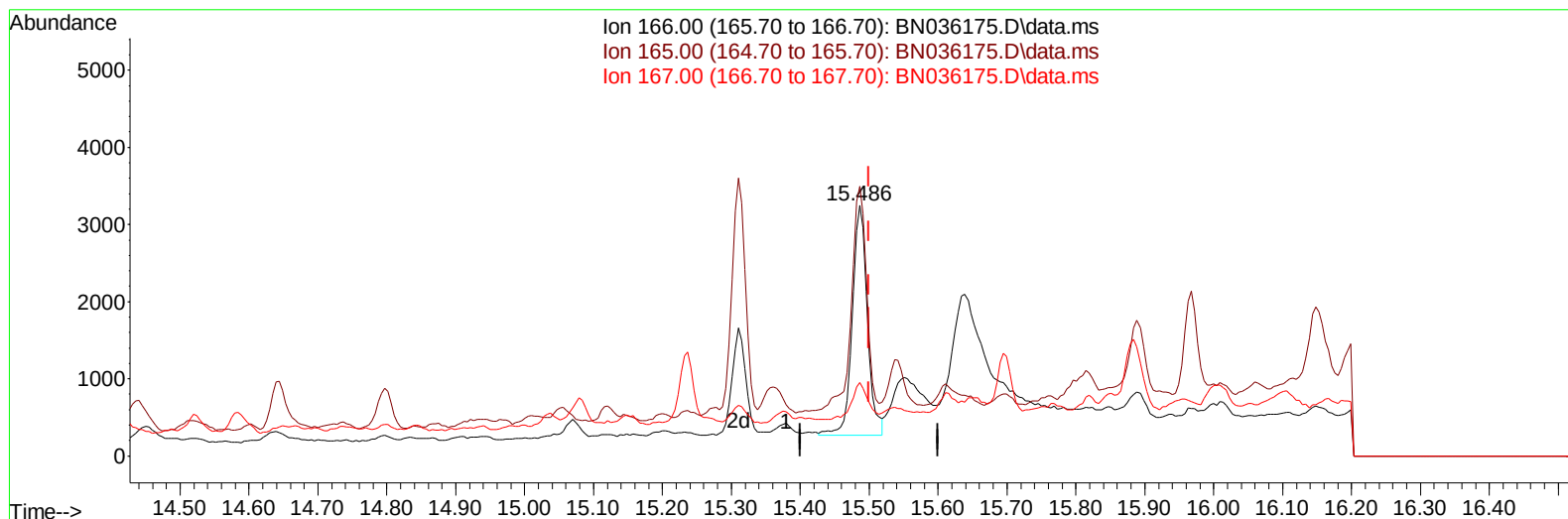
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(12) Fluorene

15.486min (-0.014) 0.19 ng/ul m

response 4589

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.40	107.54
167.00	15.40	29.22#
0.00	0.00	0.00

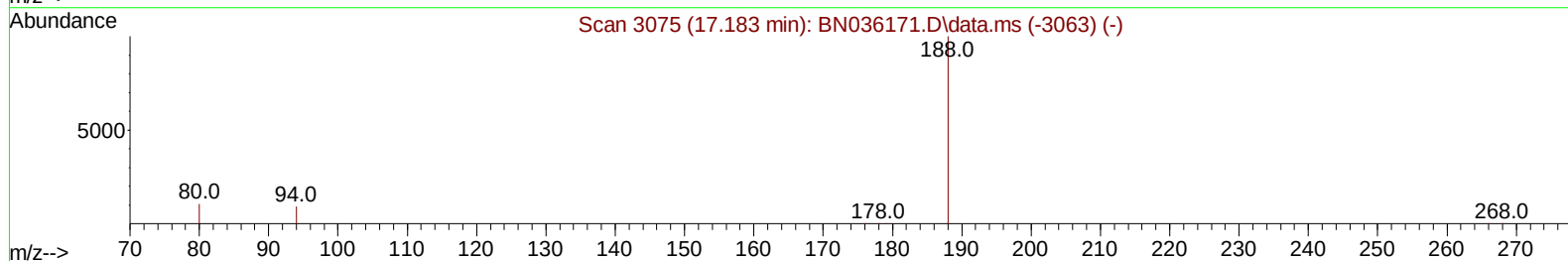
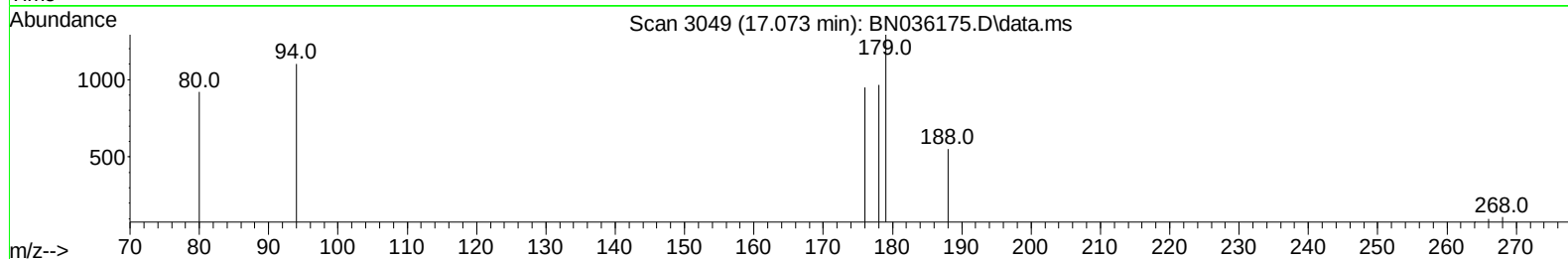
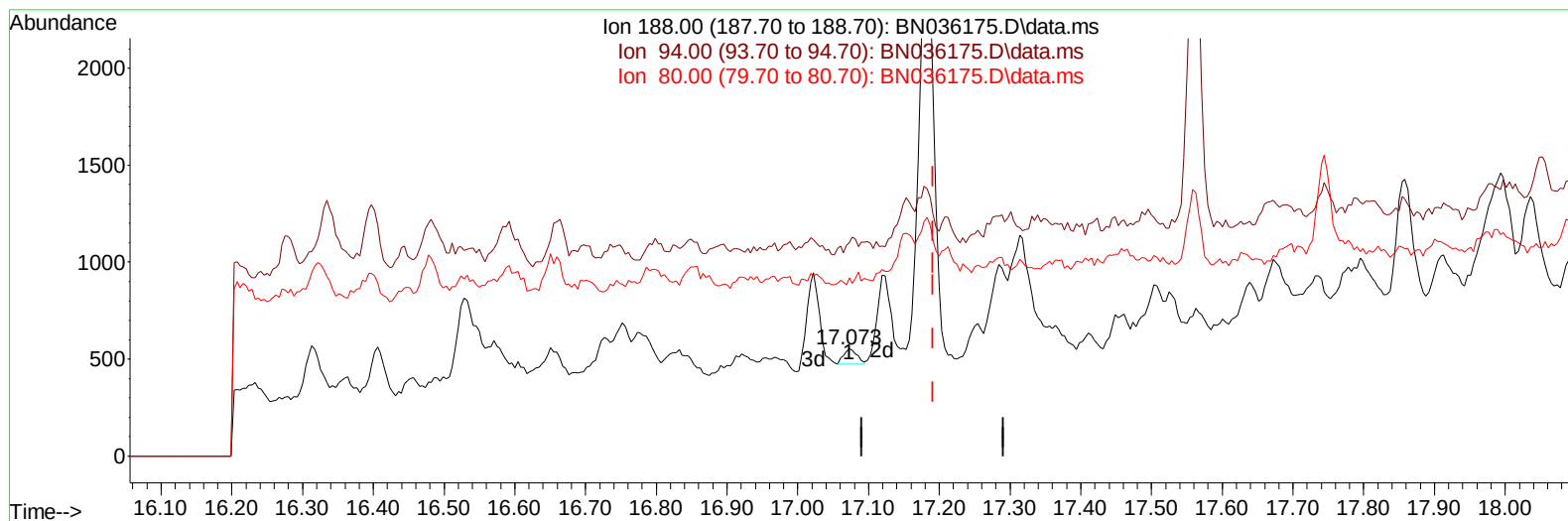
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(13) Phenanthrene-d10 (I)

17.073min (-0.118) 0.40 ng/u1

response 106

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	199.82#
80.00	10.90	166.67#
0.00	0.00	0.00

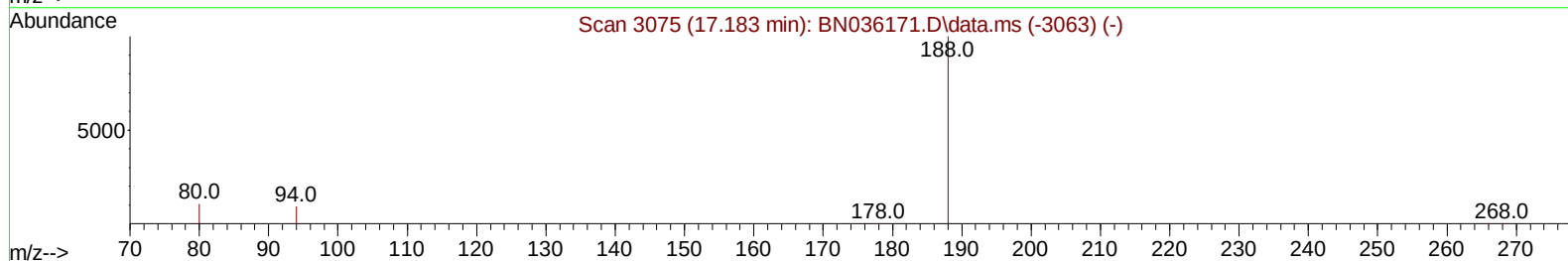
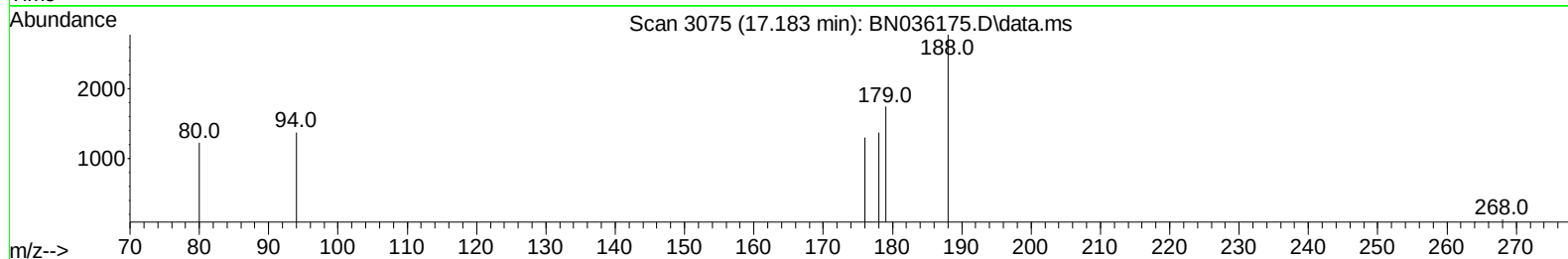
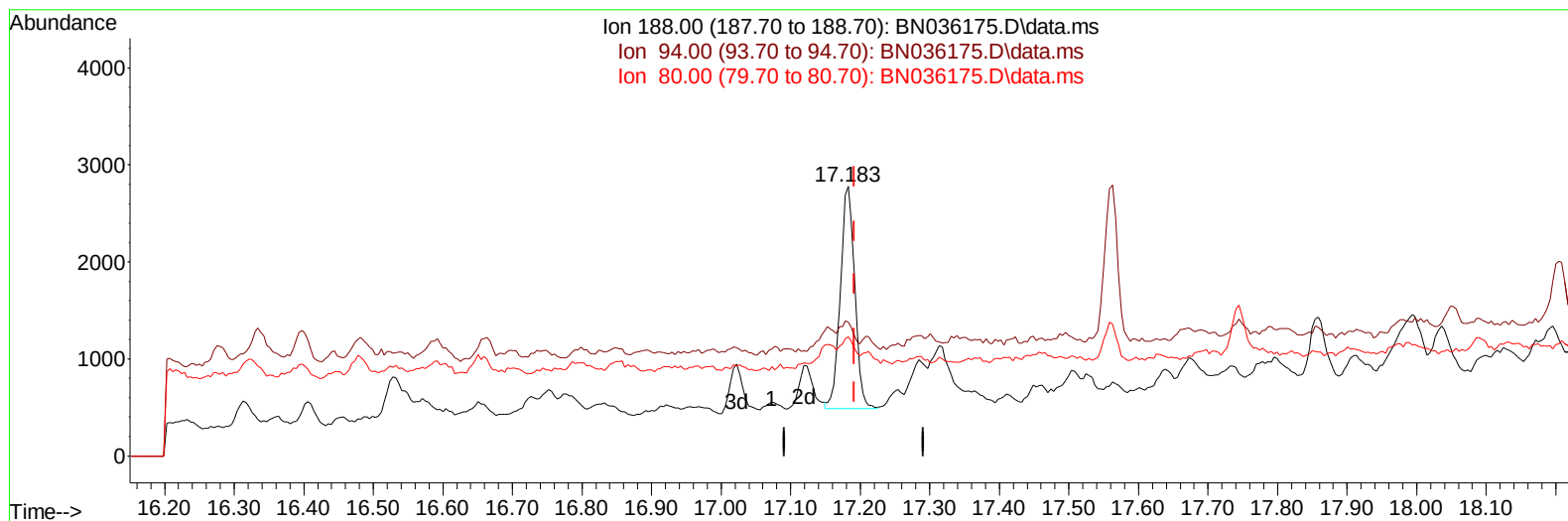
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(13) Phenanthrene-d10 (I)

17.183min (-0.008) 0.40 ng/ul m

response 3320

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	49.57#
80.00	10.90	44.31#
0.00	0.00	0.00

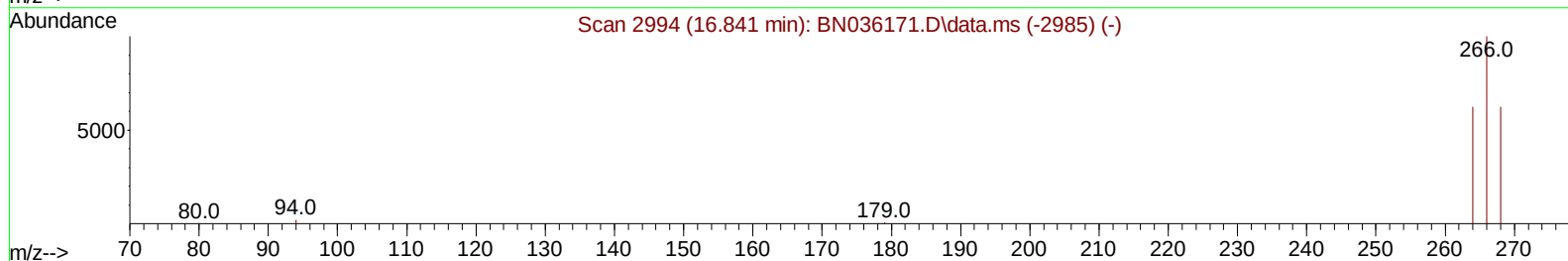
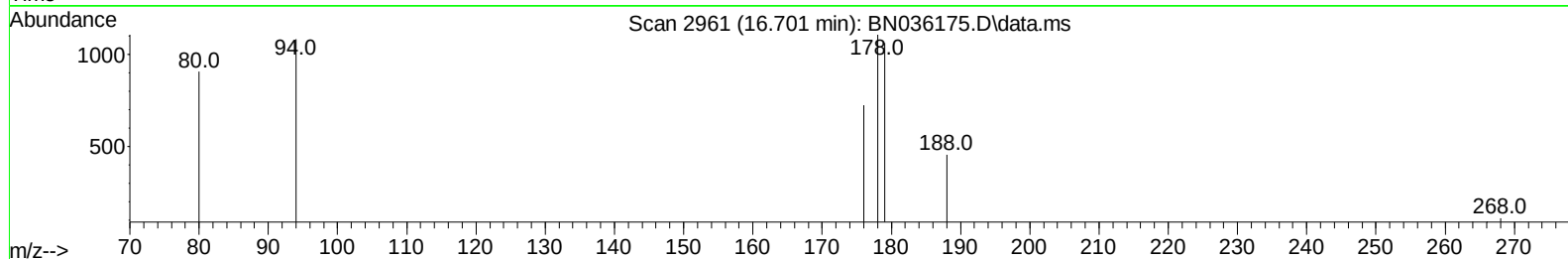
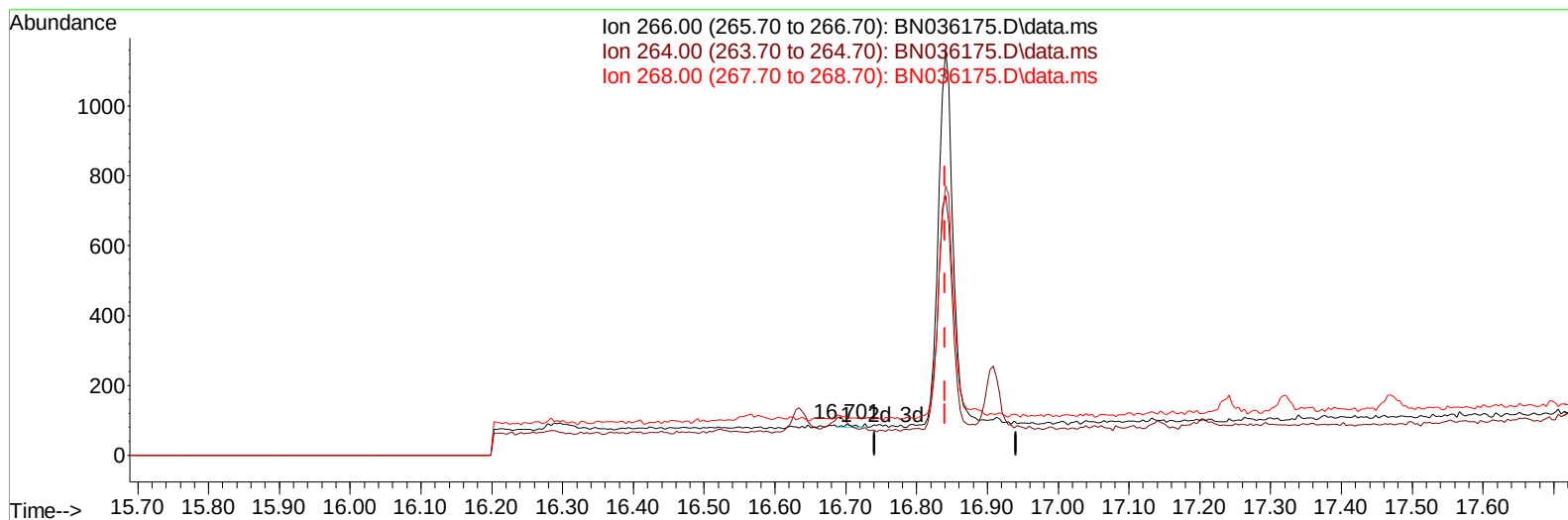
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(14) Pentachlorophenol

16.701min (-0.139) 0.01 ng/u1

response 7

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	63.20	1171.43#
268.00	63.20	200.00#
0.00	0.00	0.00

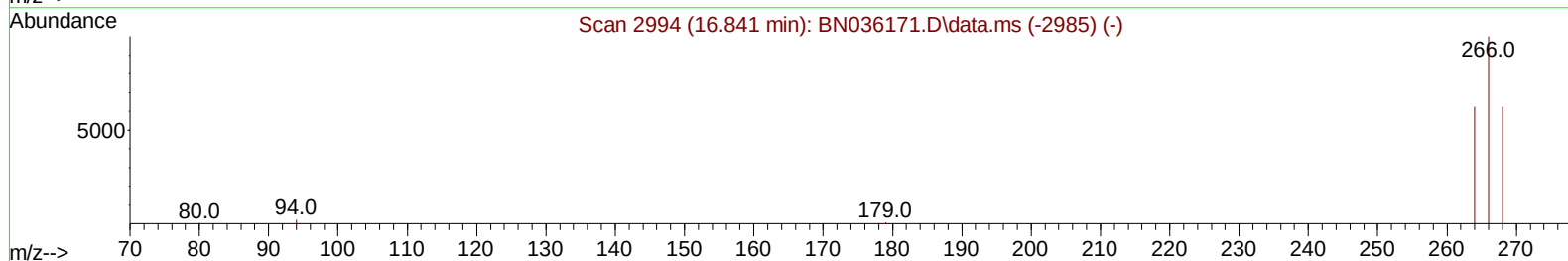
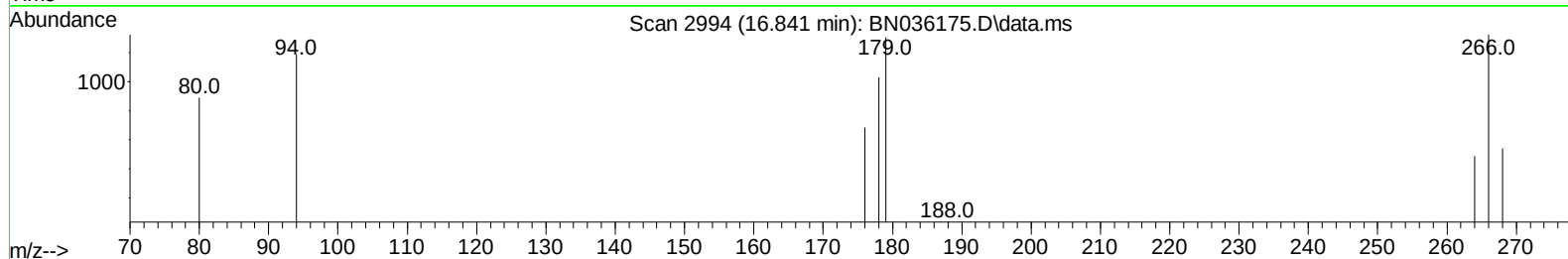
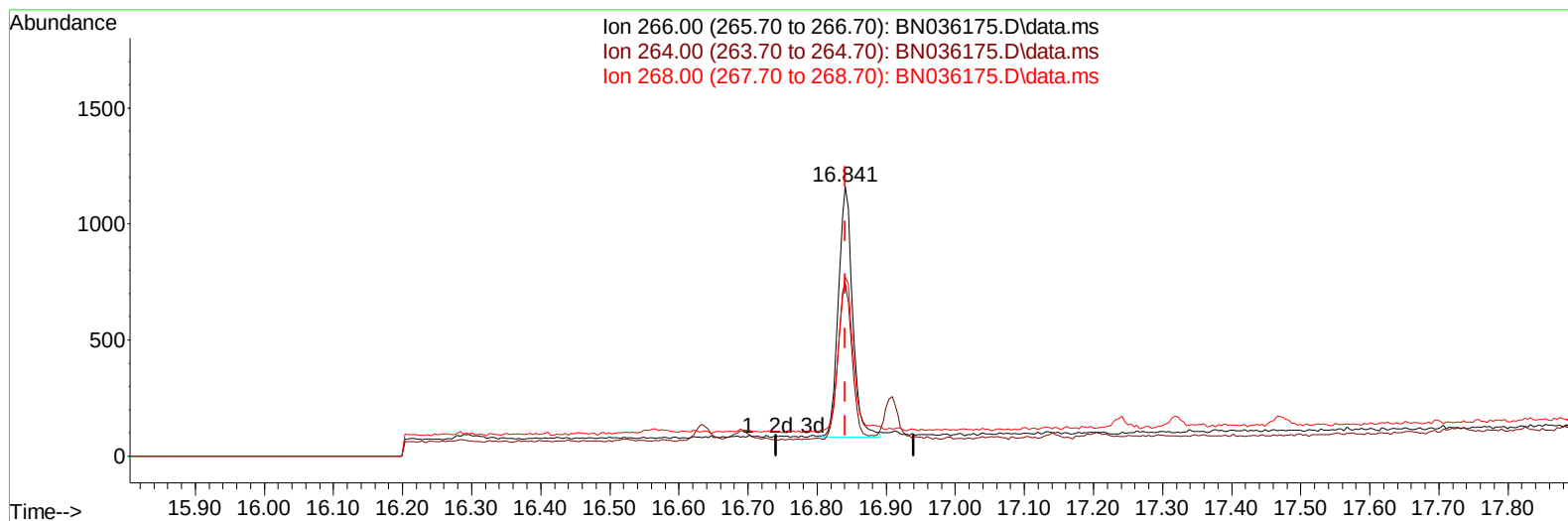
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
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TIC: BN036175.D\data.ms

(14) Pentachlorophenol

16.841min (-0.000) 1.33 ng/ul m

response 1545

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	63.20	5.31#
268.00	63.20	0.91#
0.00	0.00	0.00

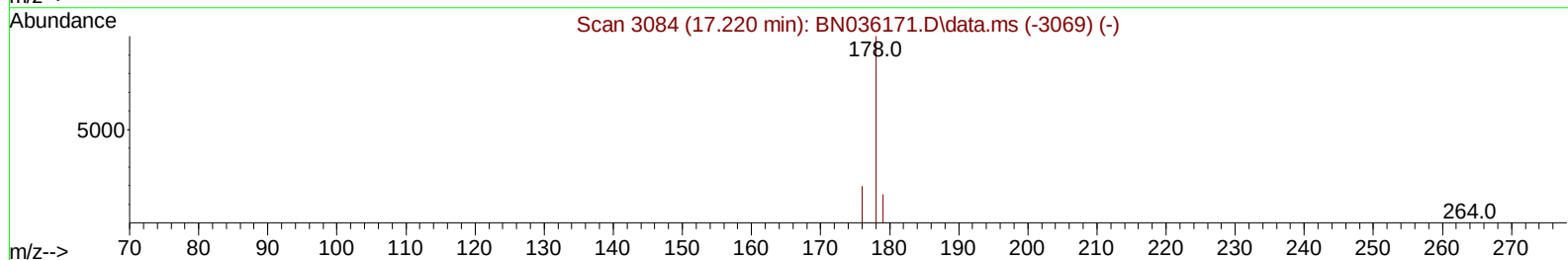
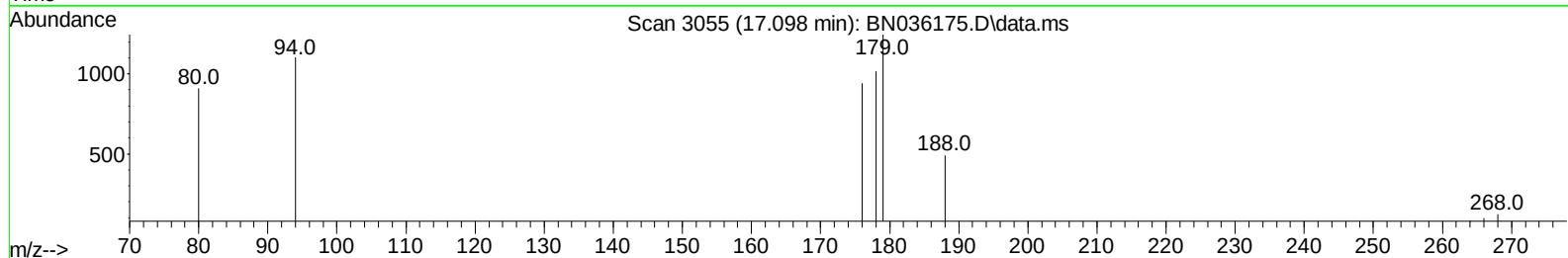
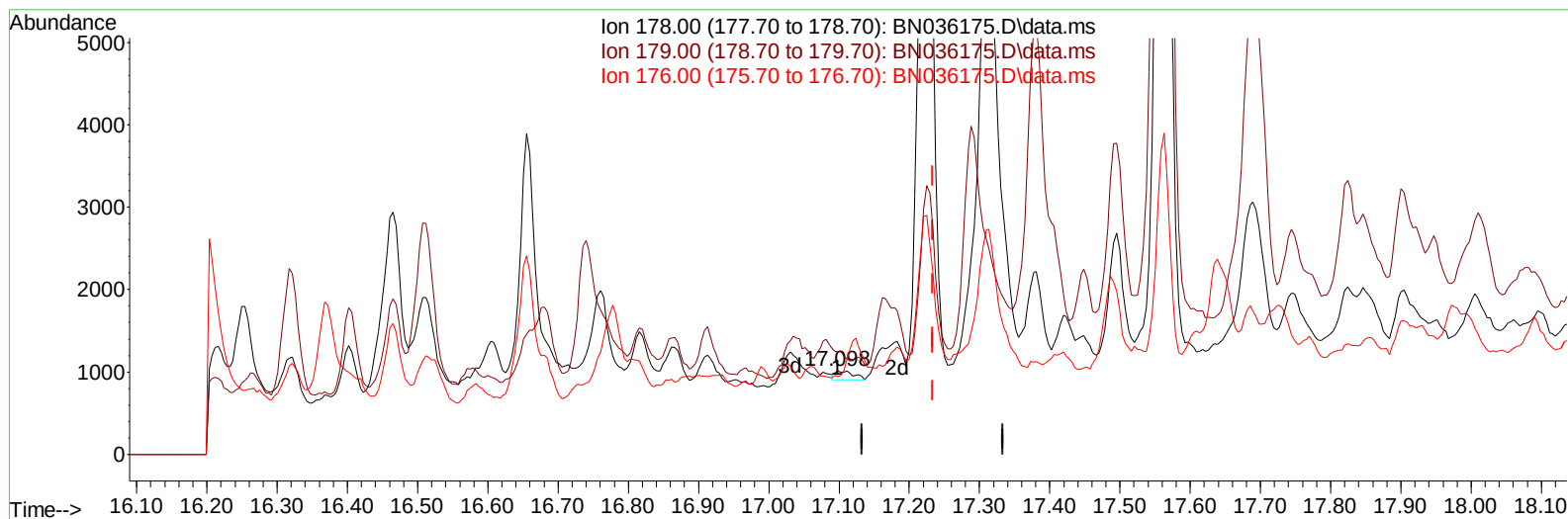
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(15) Phenanthrene

17.098min (-0.135) 0.02 ng/u1

response 189

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	122.76#
176.00	21.00	92.81#
0.00	0.00	0.00

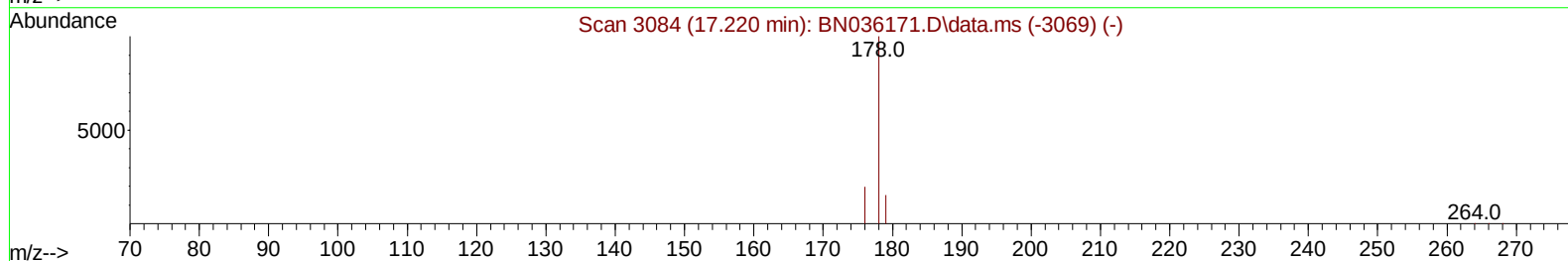
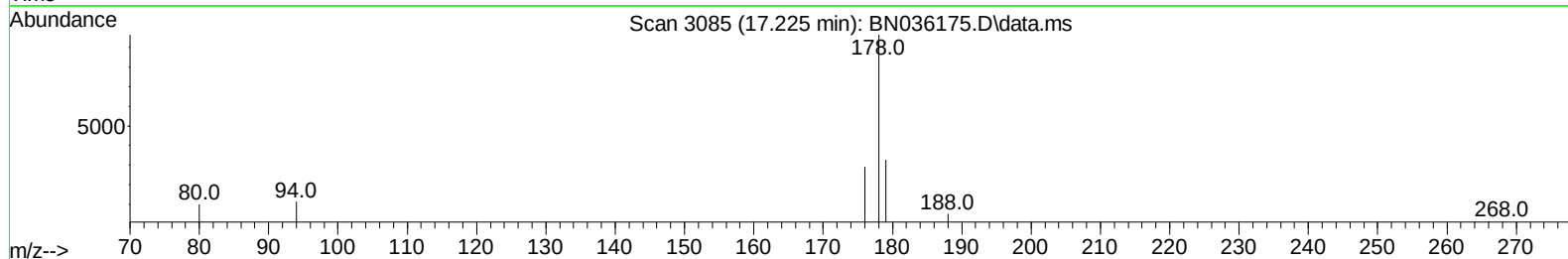
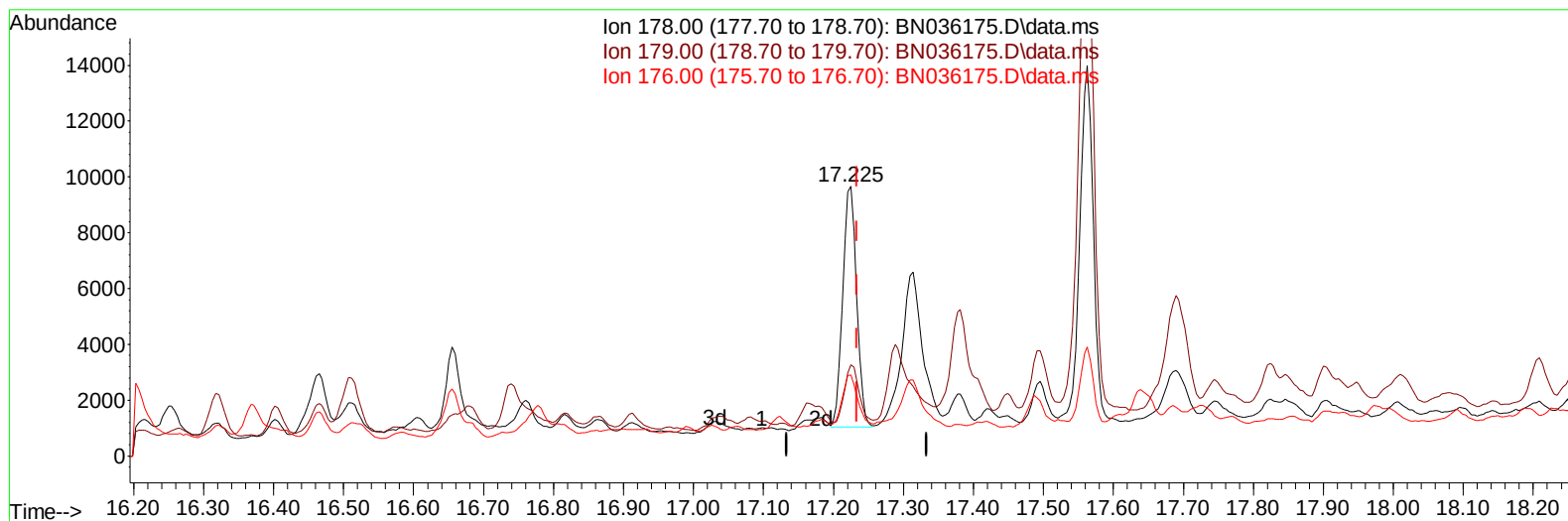
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(15) Phenanthrene

17.225min (-0.008) 1.22 ng/ul m

response 11859

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	33.77#
176.00	21.00	30.08#
0.00	0.00	0.00

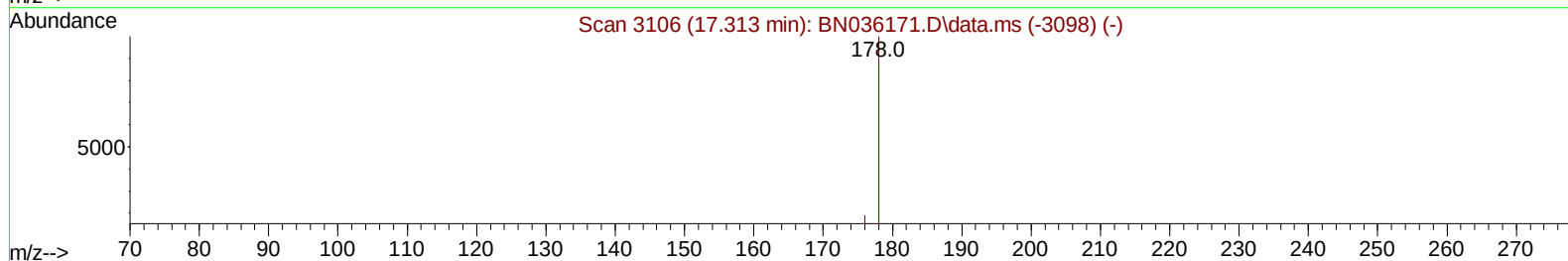
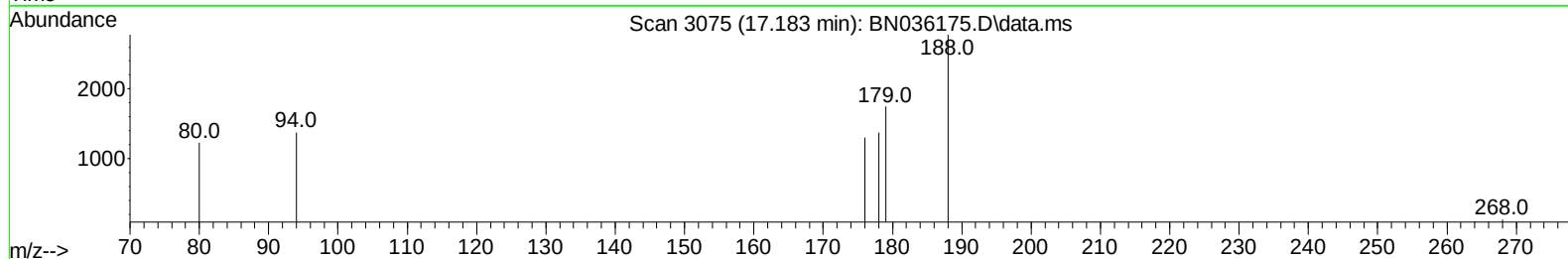
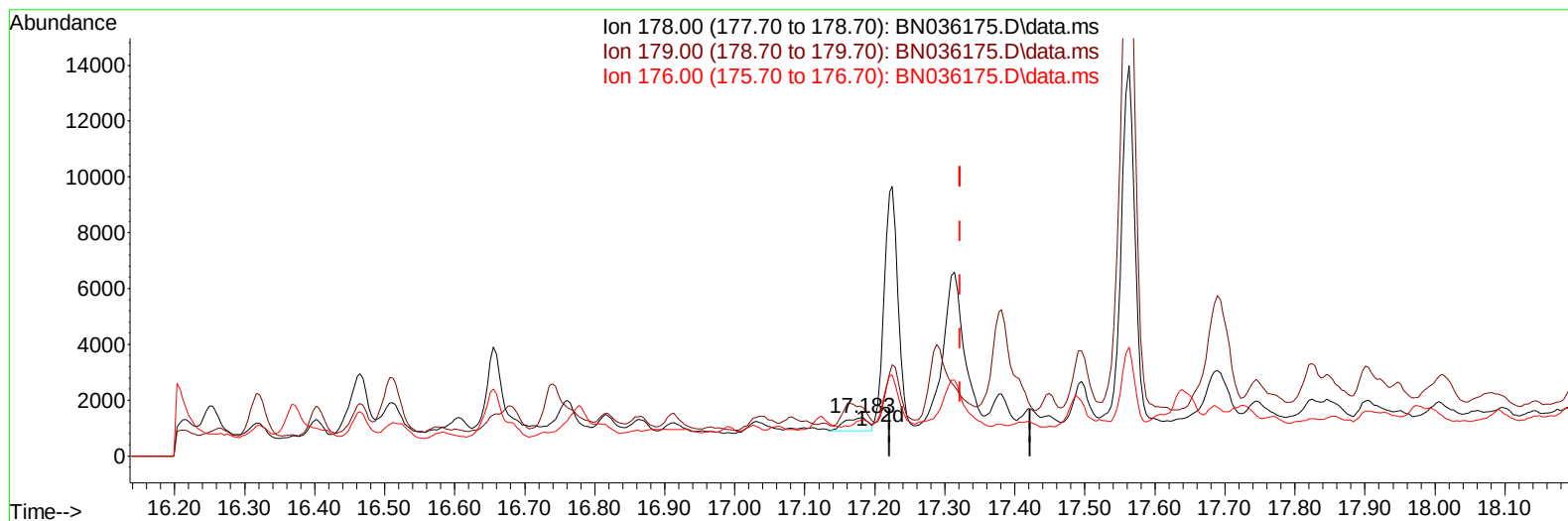
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(16) Anthracene

17.183min (-0.139) 0.12 ng/u1

response 1078

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	127.43#
176.00	19.90	94.89#
0.00	0.00	0.00

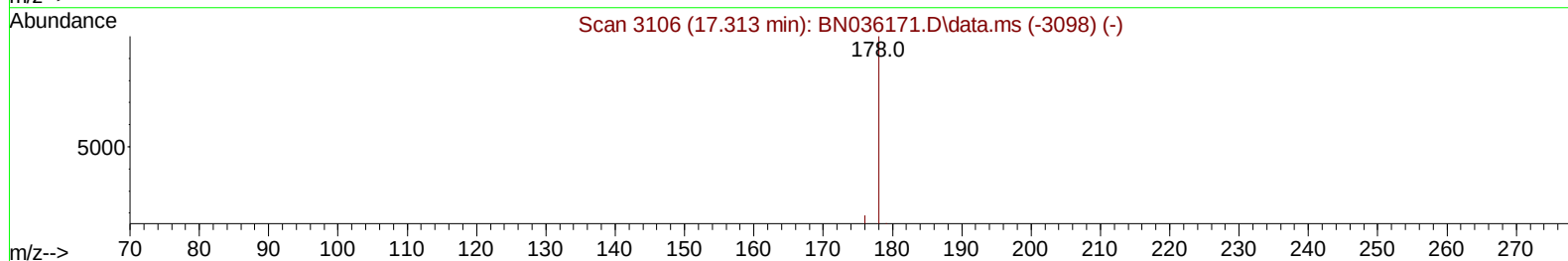
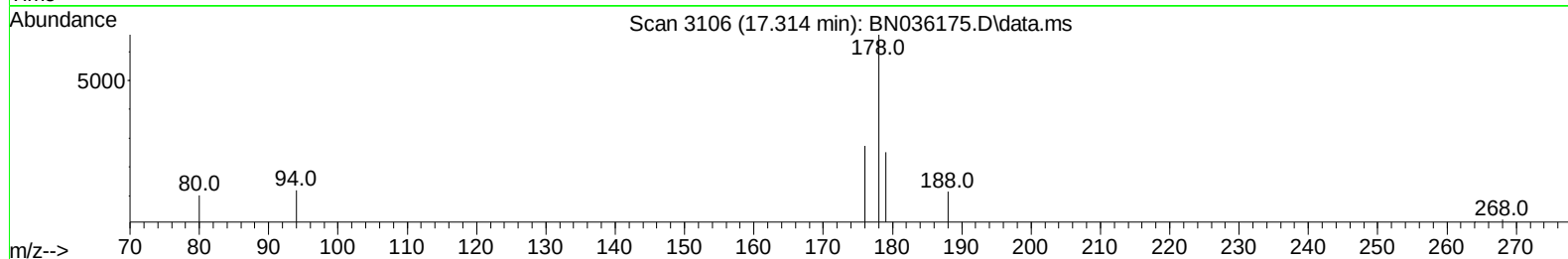
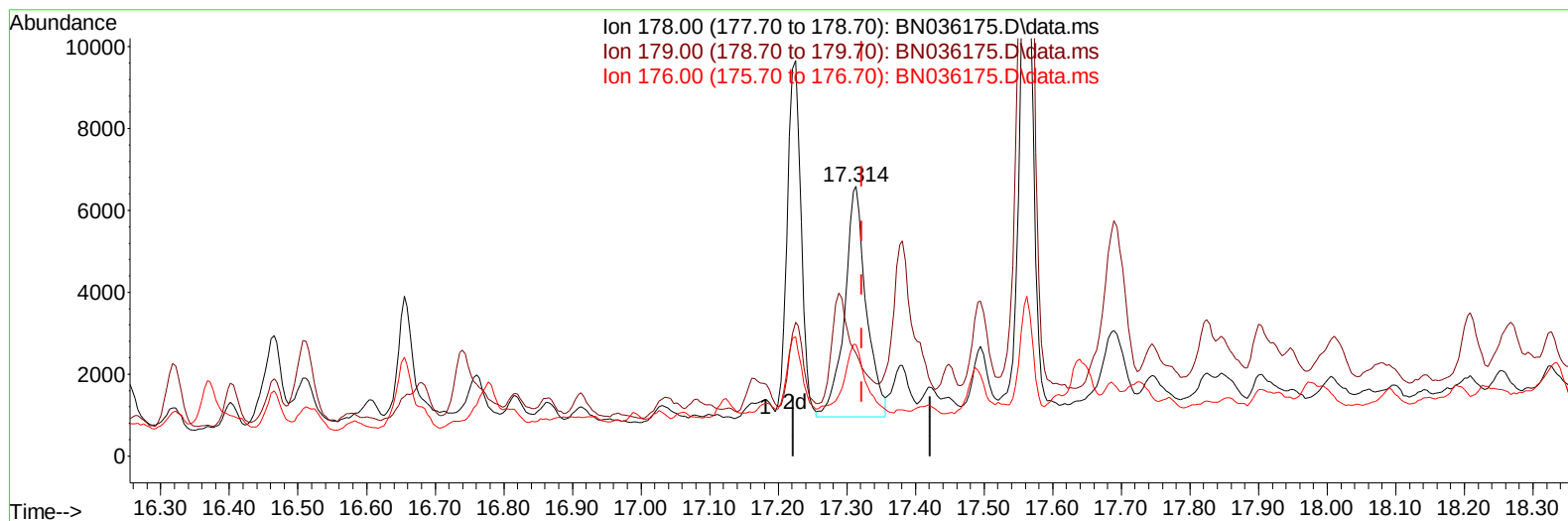
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(16) Anthracene

17.314min (-0.008) 1.37 ng/ul m

response 12356

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	38.00#
176.00	19.90	41.51#
0.00	0.00	0.00

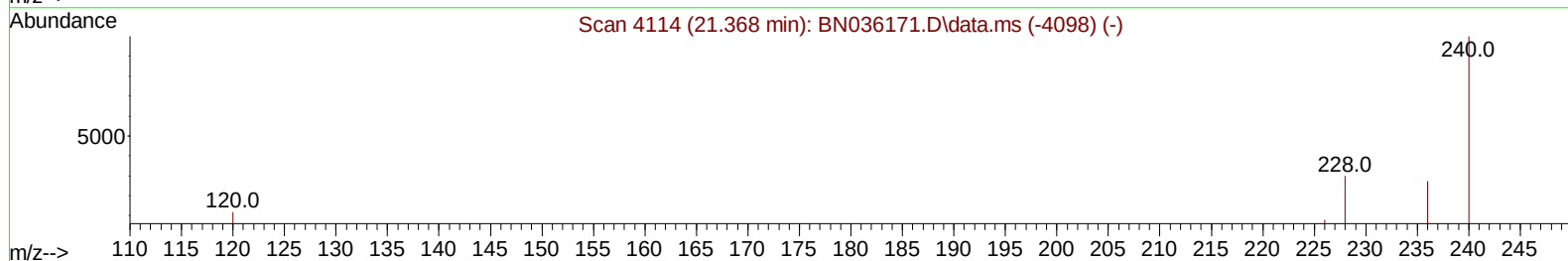
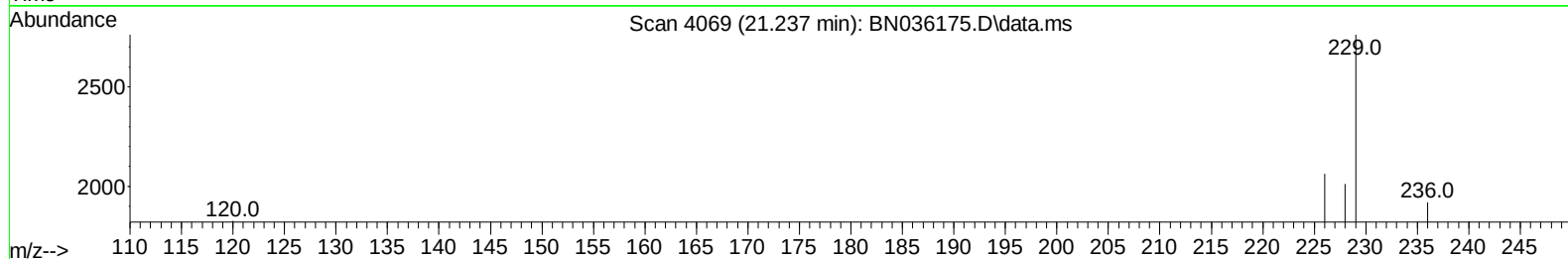
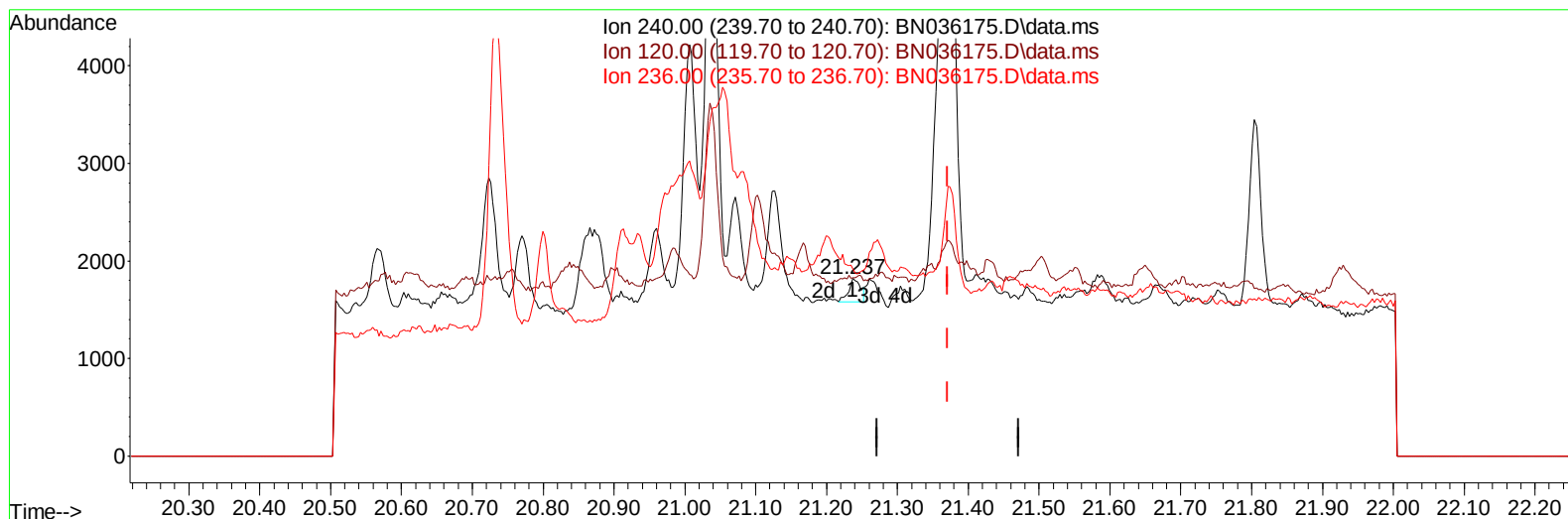
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(17) Chrysene-d12

21.237min (-0.134) 0.40 ng/u1

response 278

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	100.33#
236.00	29.00	105.38#
0.00	0.00	0.00

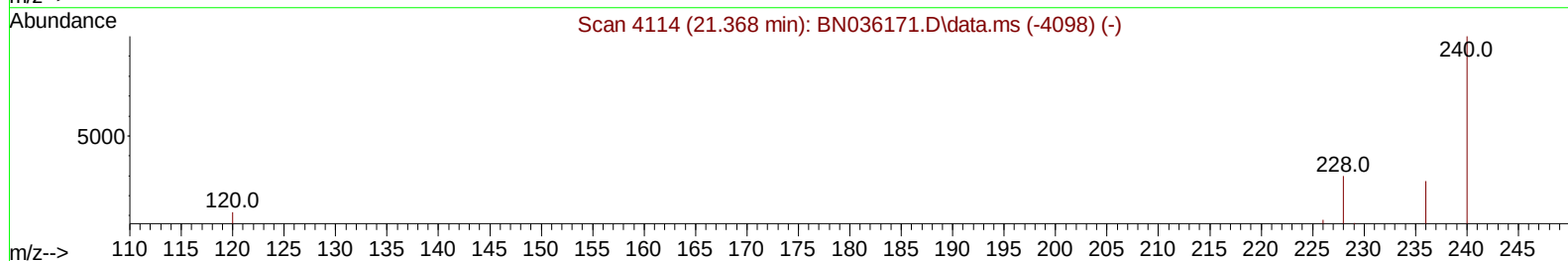
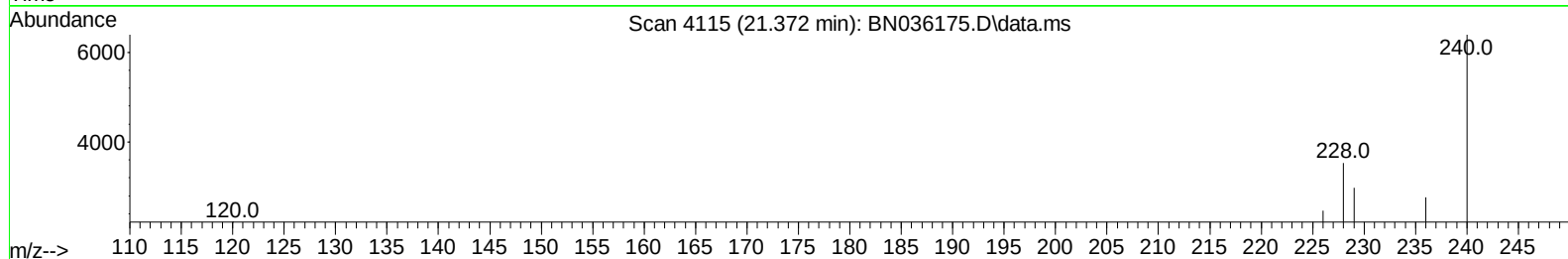
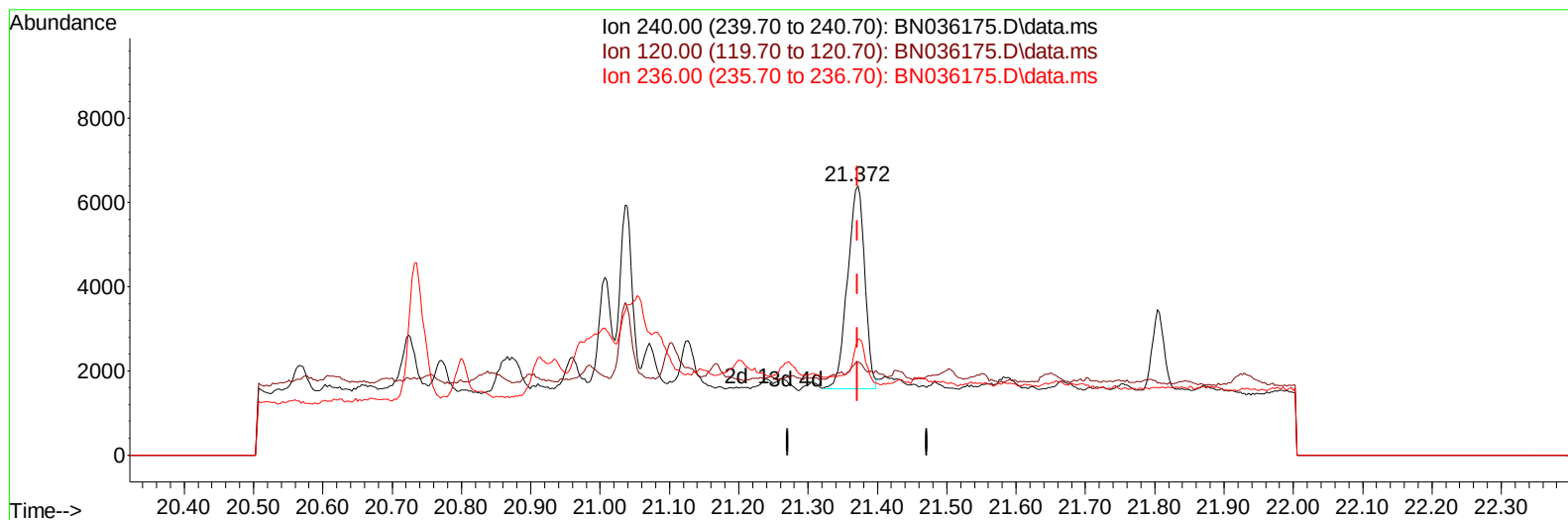
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(17) Chrysene-d12

21.372min (+ 0.000) 0.40 ng/ul m

response 8350

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	34.62#
236.00	29.00	43.25#
0.00	0.00	0.00

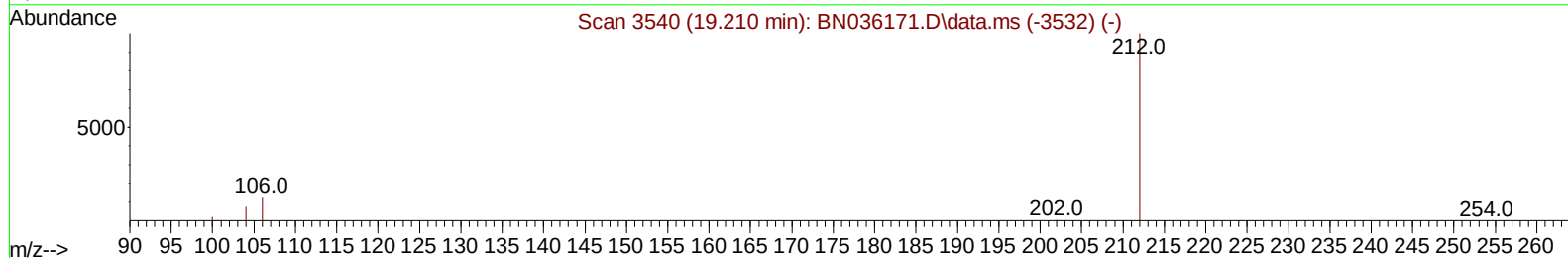
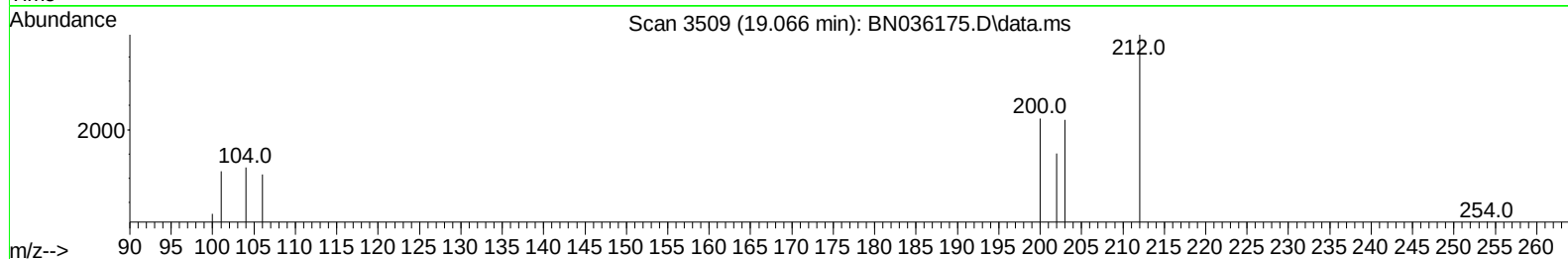
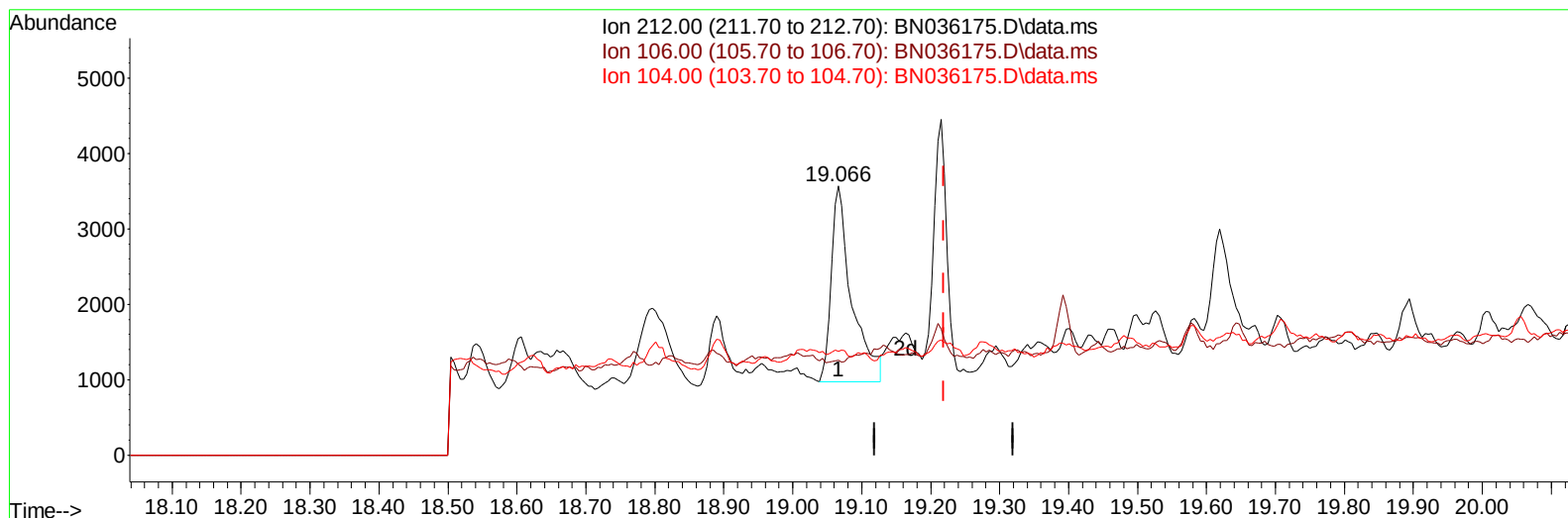
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.066min (-0.153) 0.23 ng/u1

response 5302

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	0.00#
104.00	6.90	2.34#
0.00	0.00	0.00

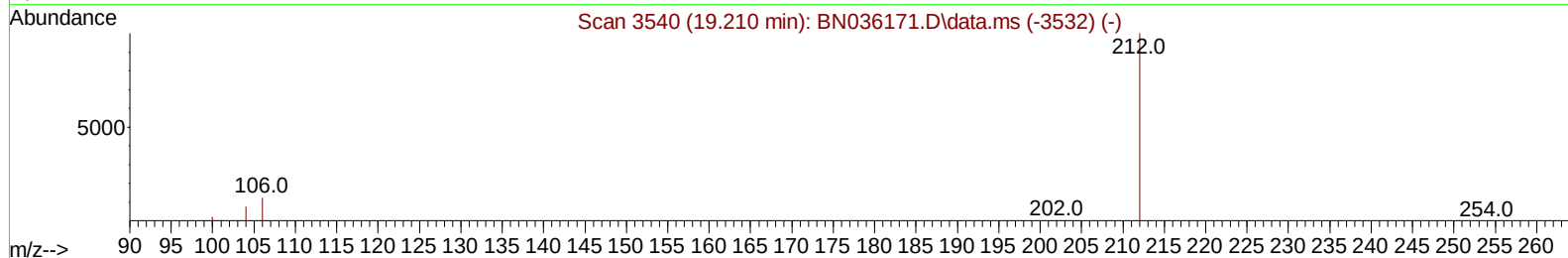
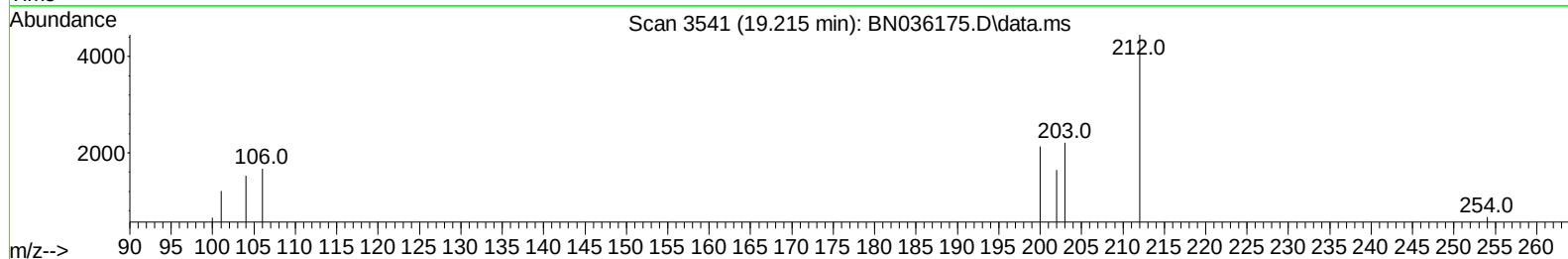
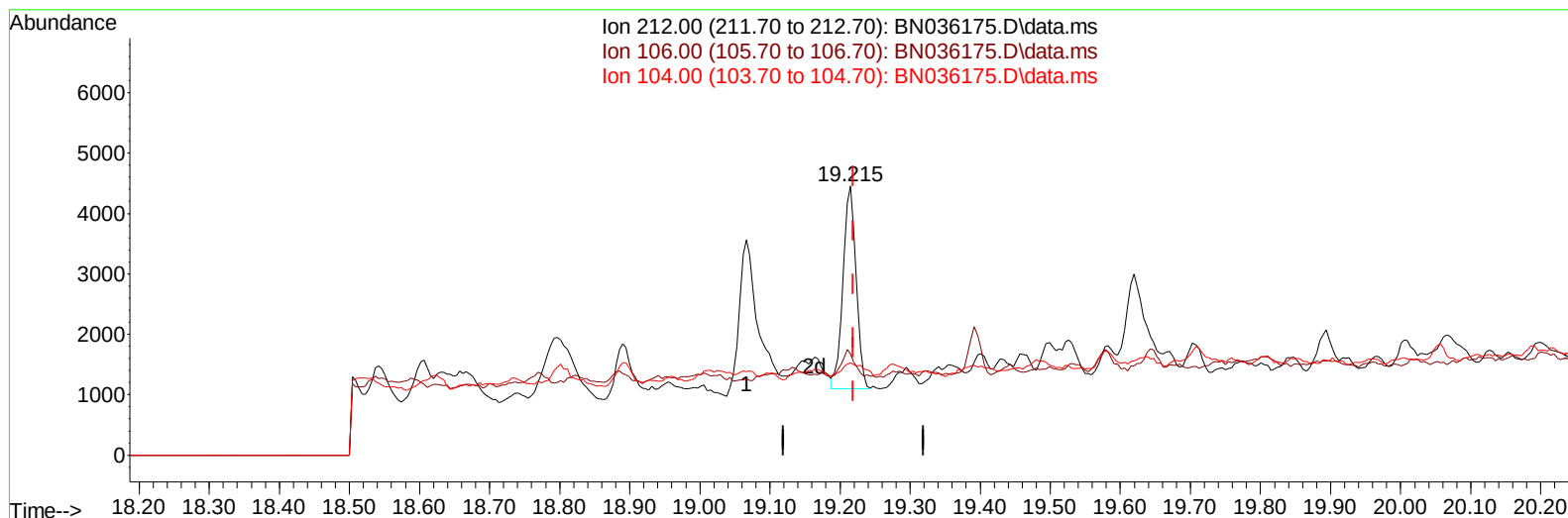
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.215min (-0.004) 0.19 ng/ul m

response 4372

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	0.00#
104.00	6.90	2.84#
0.00	0.00	0.00

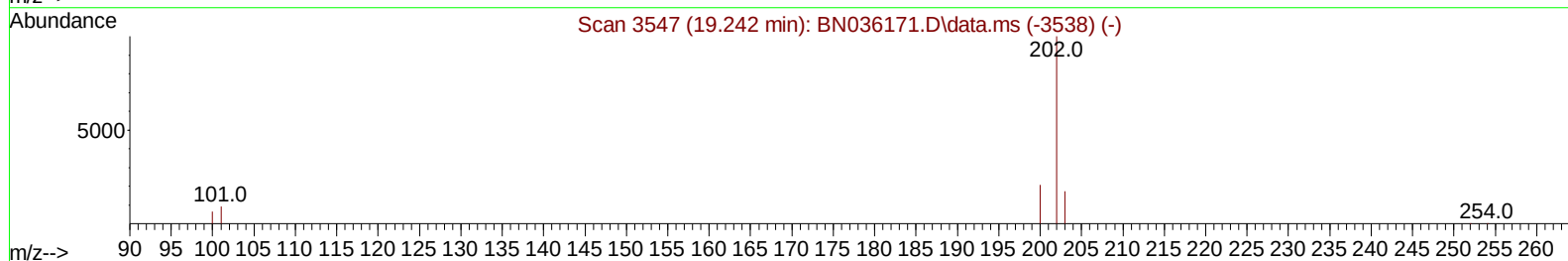
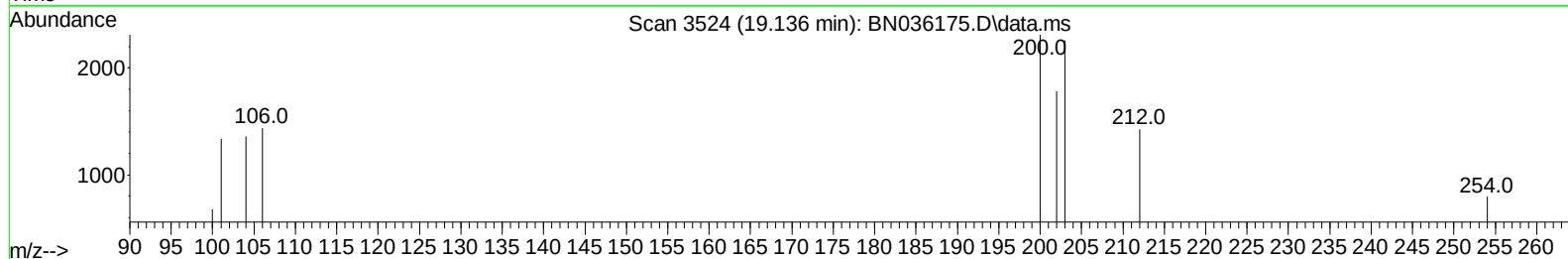
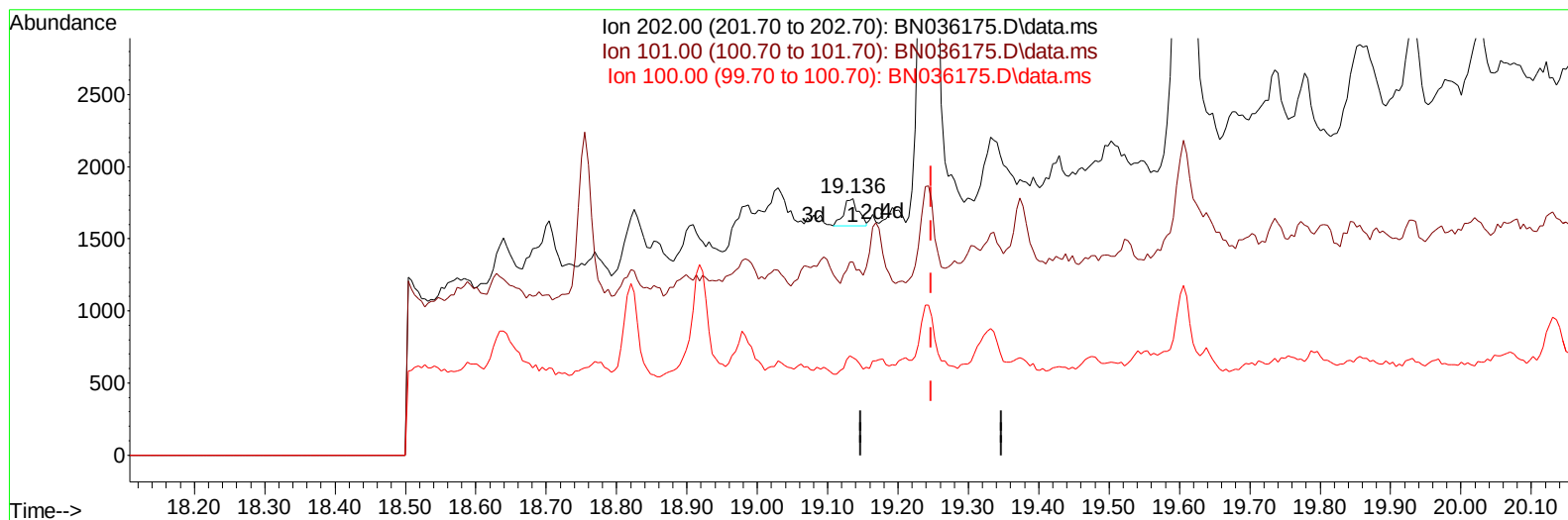
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(19) Fluoranthene (C)

19.136min (-0.111) 0.01 ng/u1

response 274

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.50	75.15#
100.00	8.10	38.00#
0.00	0.00	0.00

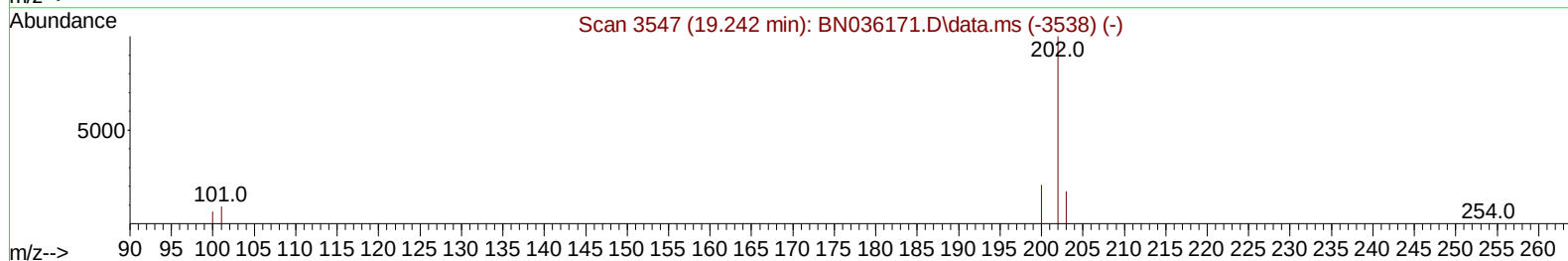
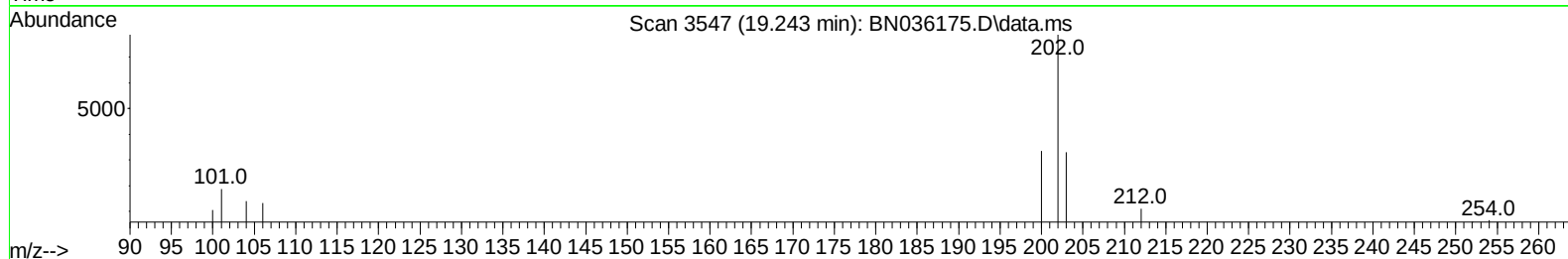
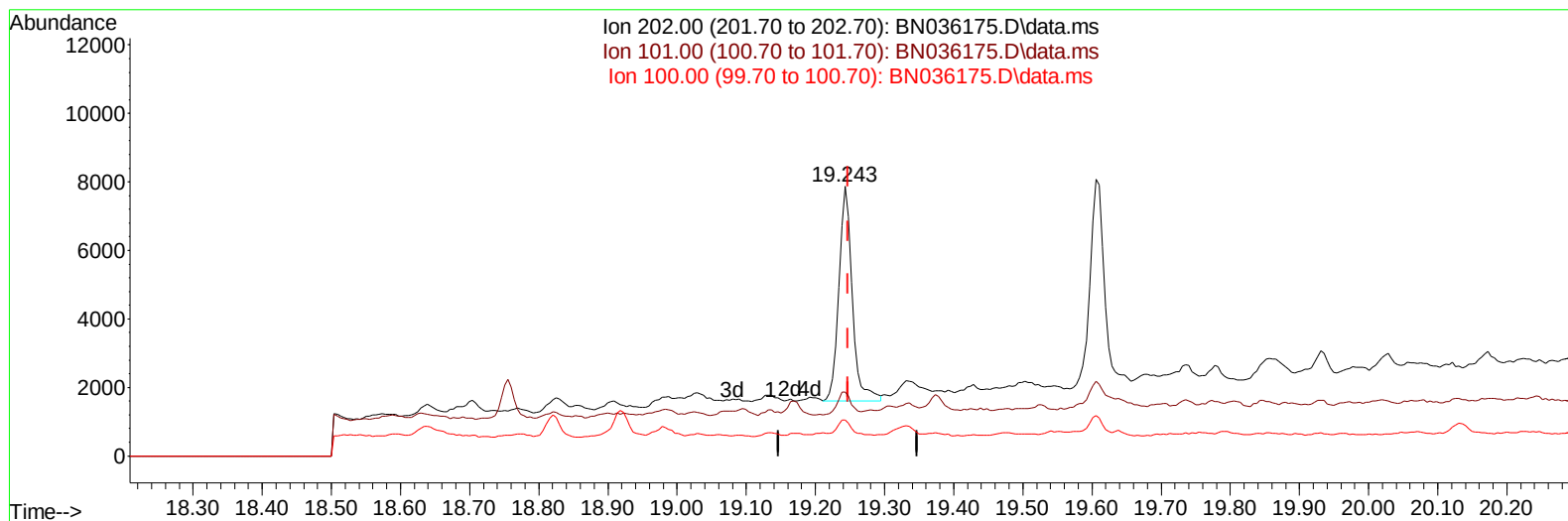
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(19) Fluoranthene (C)

19.243min (-0.004) 0.27 ng/ul m

response 8569

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.50	23.71#
100.00	8.10	13.22#
0.00	0.00	0.00

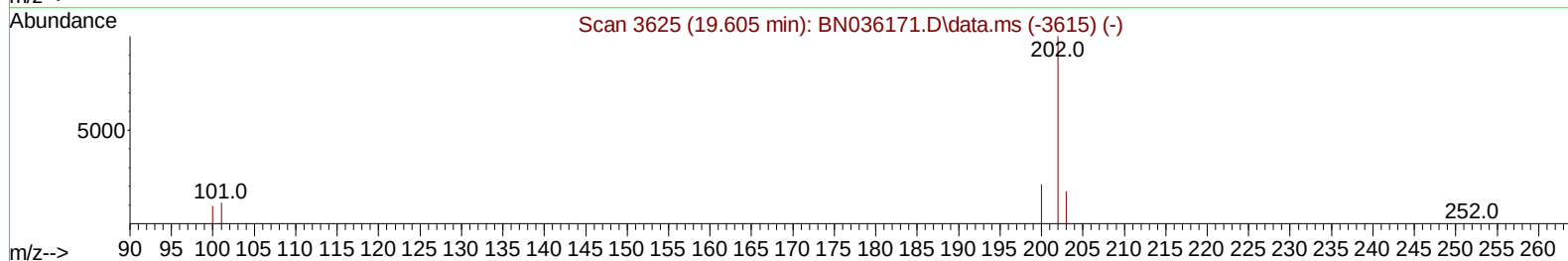
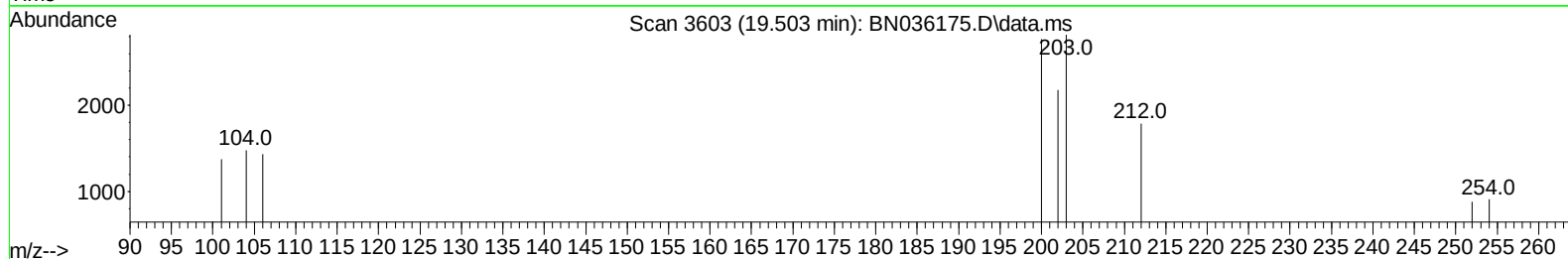
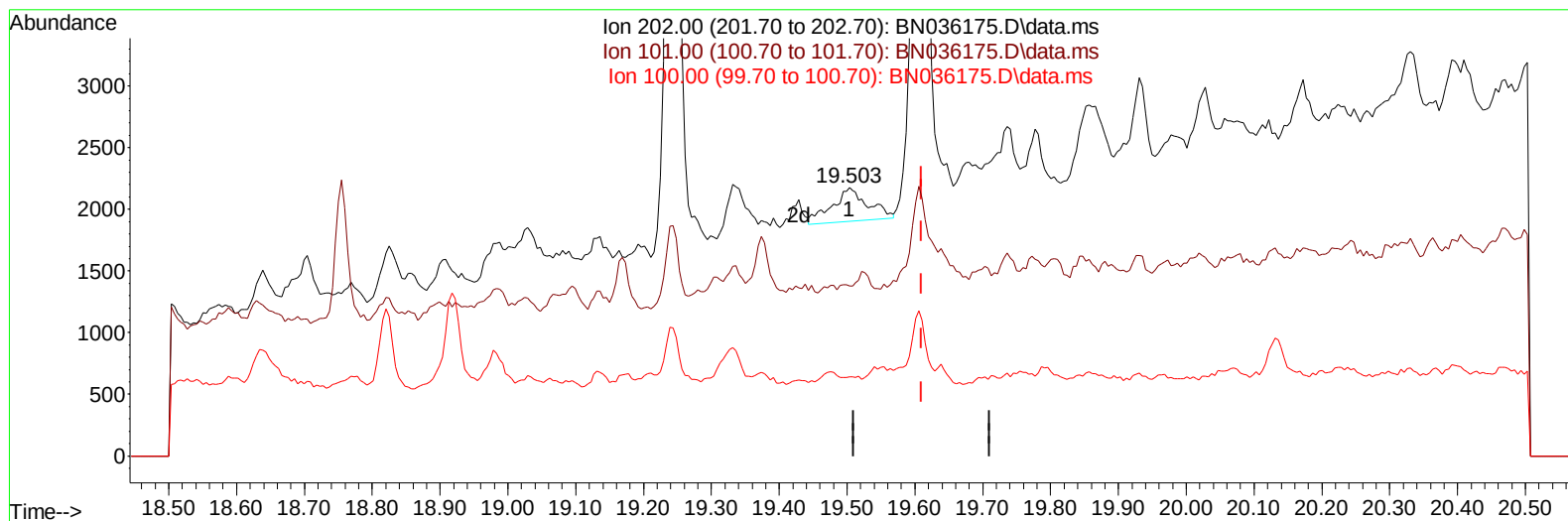
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(20) Pyrene

19.503min (-0.107) 0.03 ng/u1

response 985

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	63.22#
100.00	9.40	29.52#
0.00	0.00	0.00

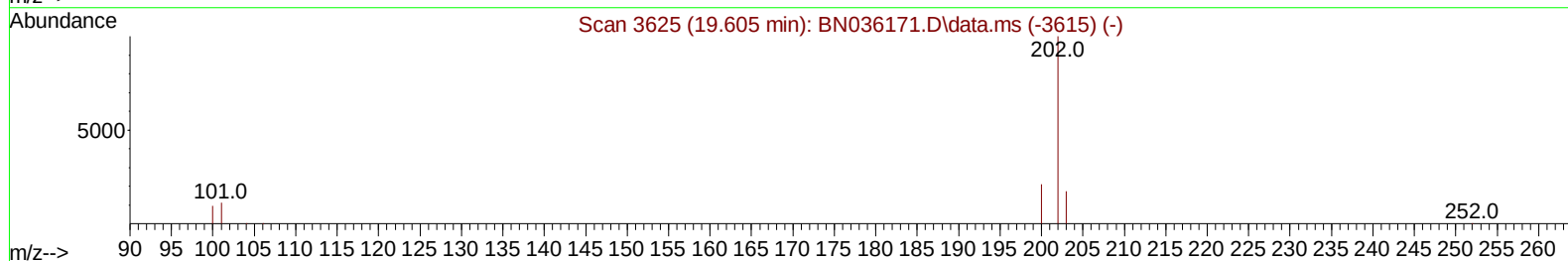
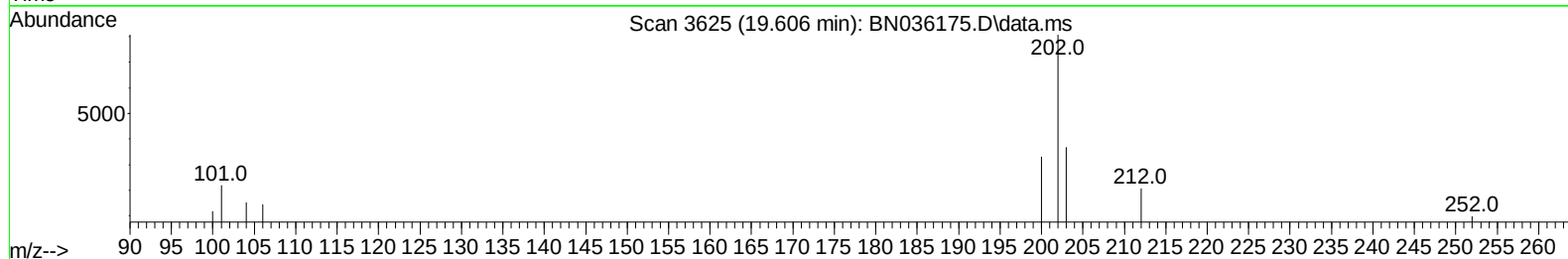
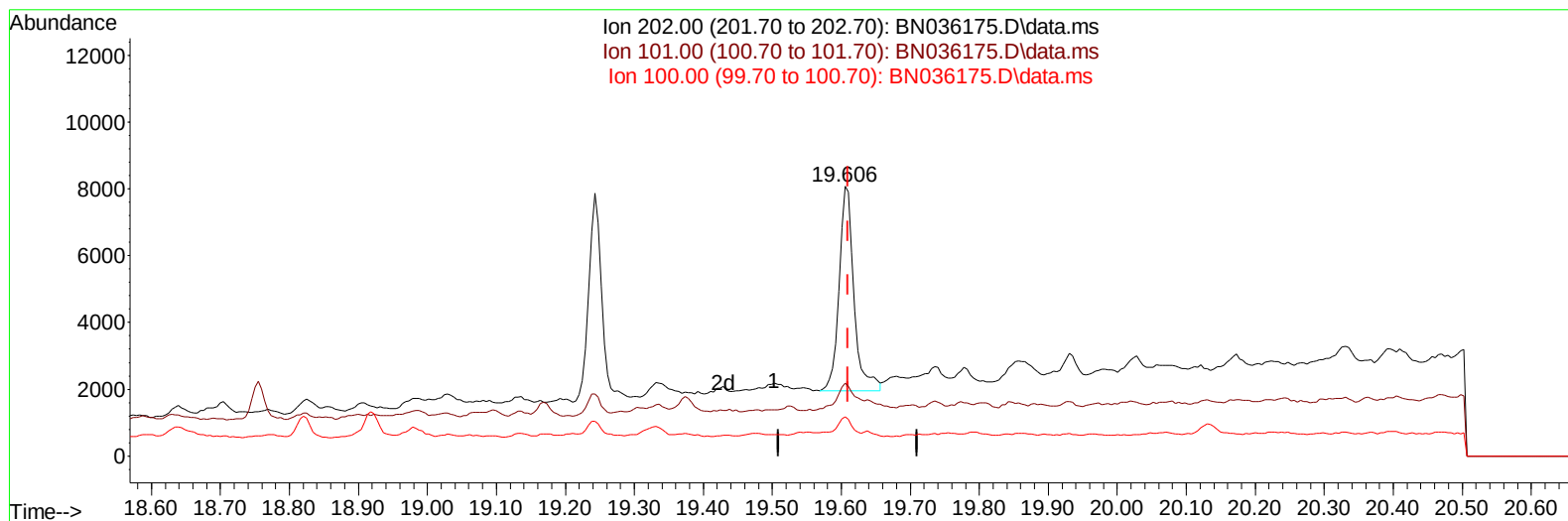
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(20) Pyrene

19.606min (-0.004) 0.28 ng/ul m

response 9334

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	27.06#
100.00	9.40	14.56#
0.00	0.00	0.00

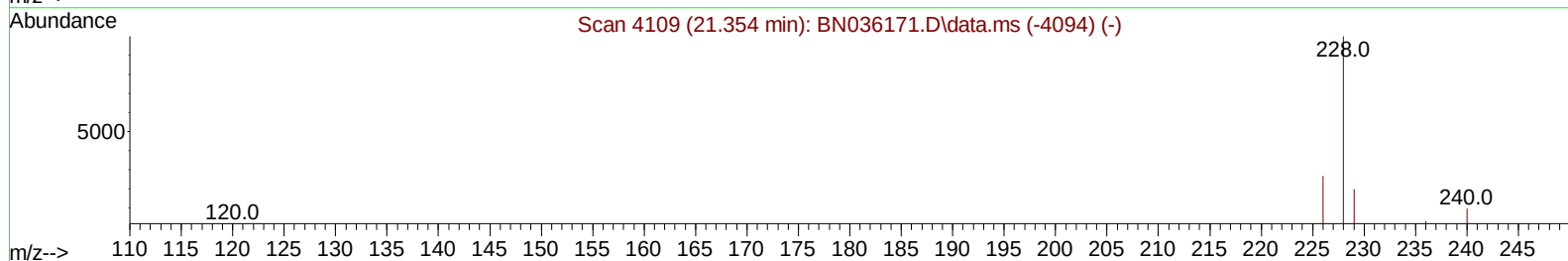
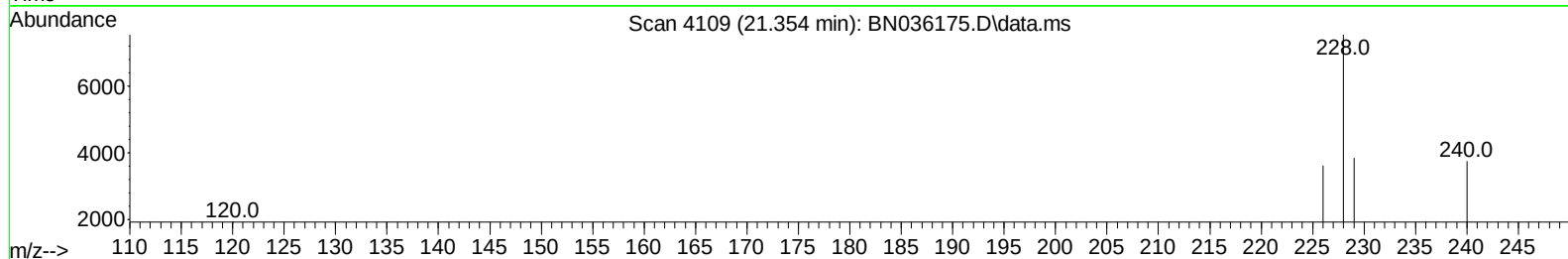
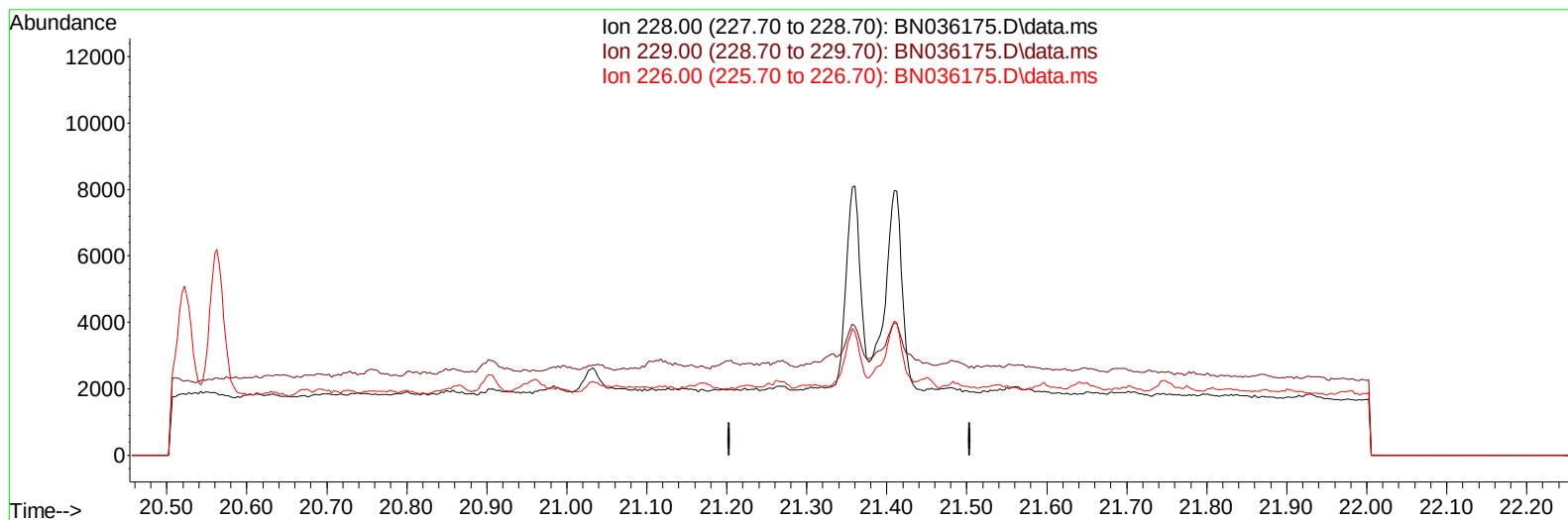
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(21) Benzo(a)anthracene

21.354min (-21.354) 0.00 ng/u1

response 0

Ion	Exp%	Act%
228.00	100.00	0.00
229.00	19.90	0.00#
226.00	28.50	0.00#
0.00	0.00	0.00

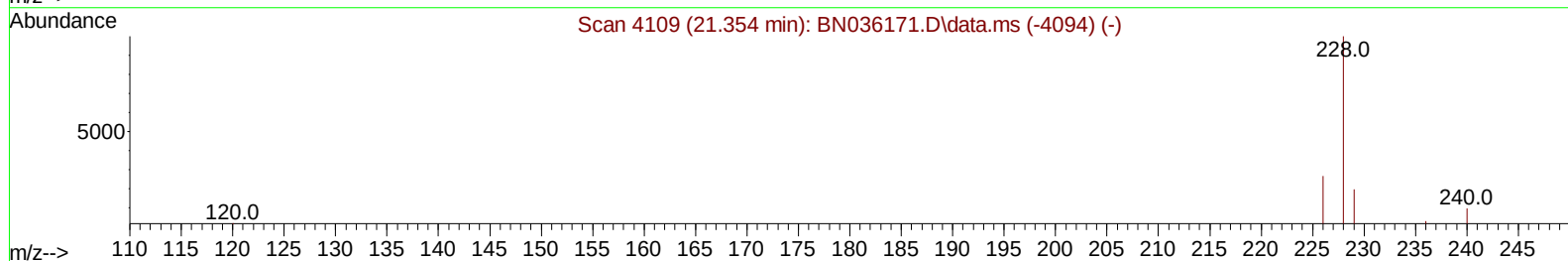
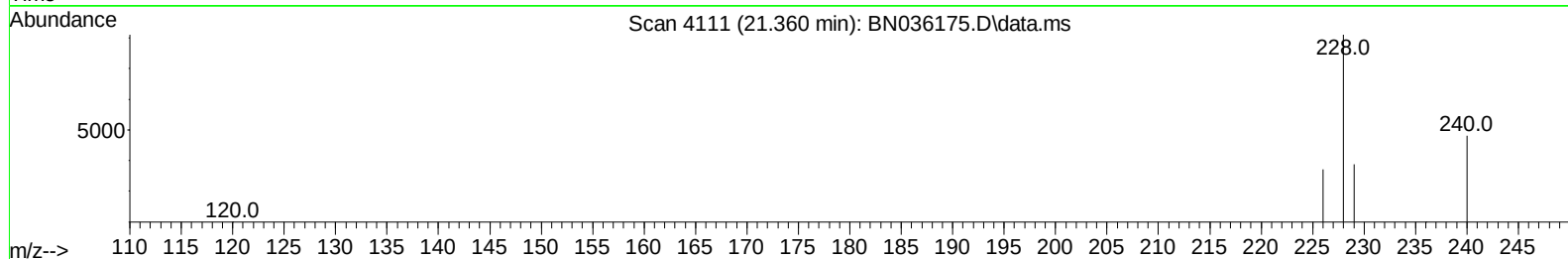
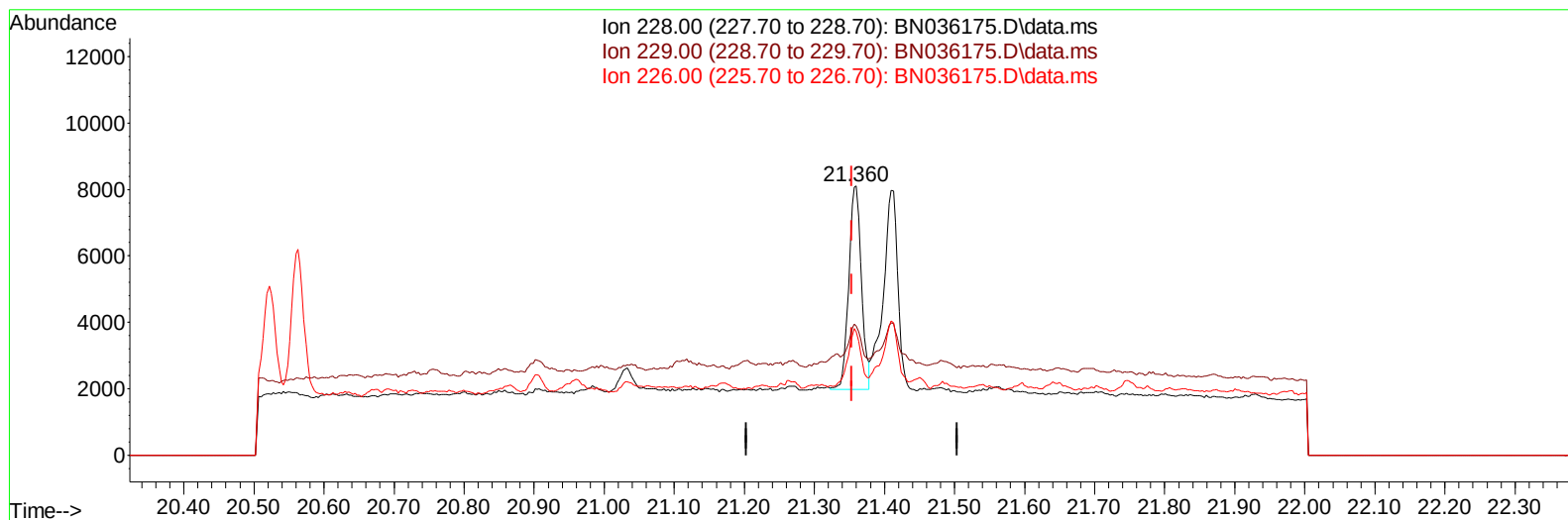
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
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TIC: BN036175.D\data.ms

(21) Benzo(a)anthracene

21.360min (+ 0.006) 0.26 ng/ul m

response 7663

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	47.95#
226.00	28.50	45.88#
0.00	0.00	0.00

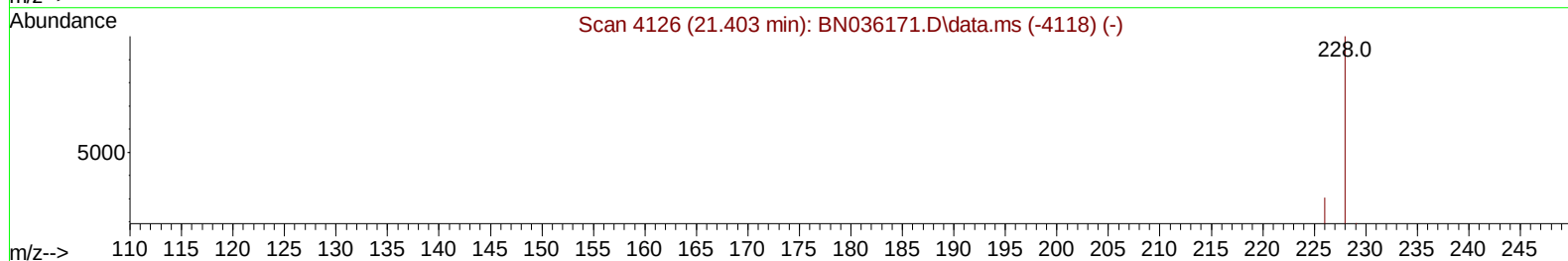
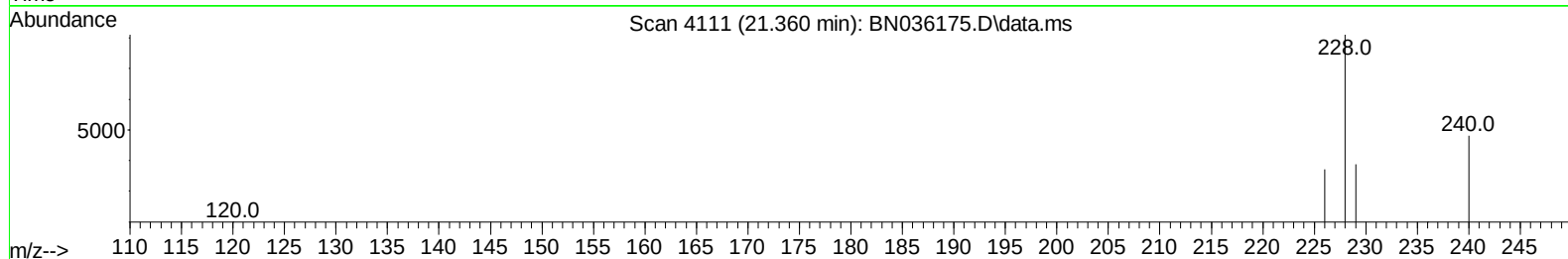
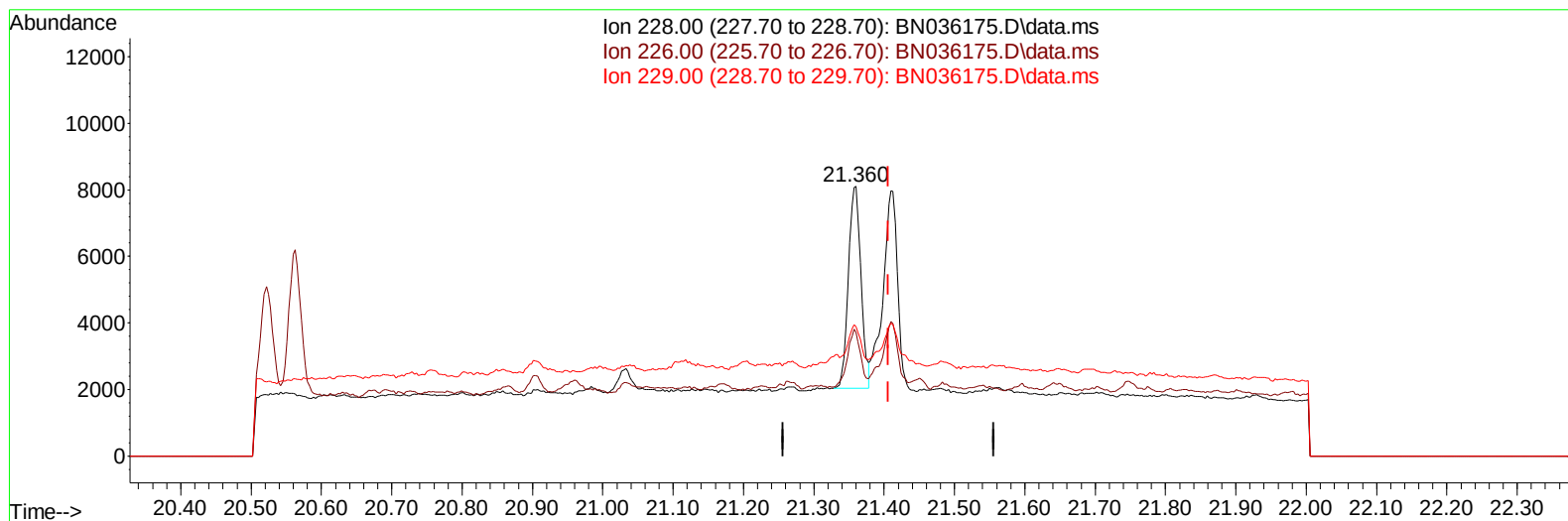
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(22) Chrysene

21.360min (-0.046) 0.25 ng/u1

response 7501

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	45.88#
229.00	19.90	47.95#
0.00	0.00	0.00

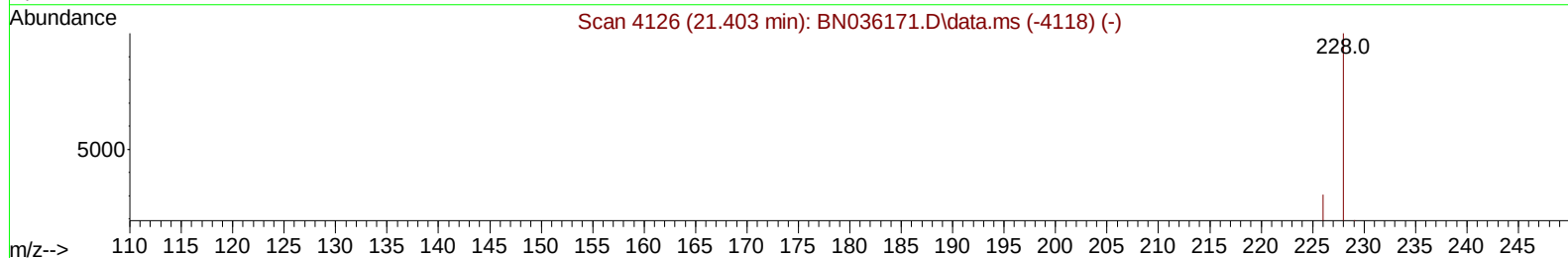
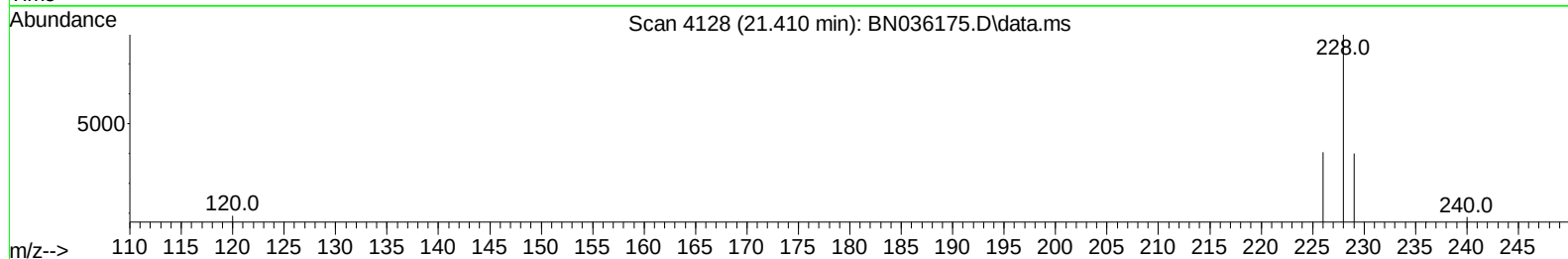
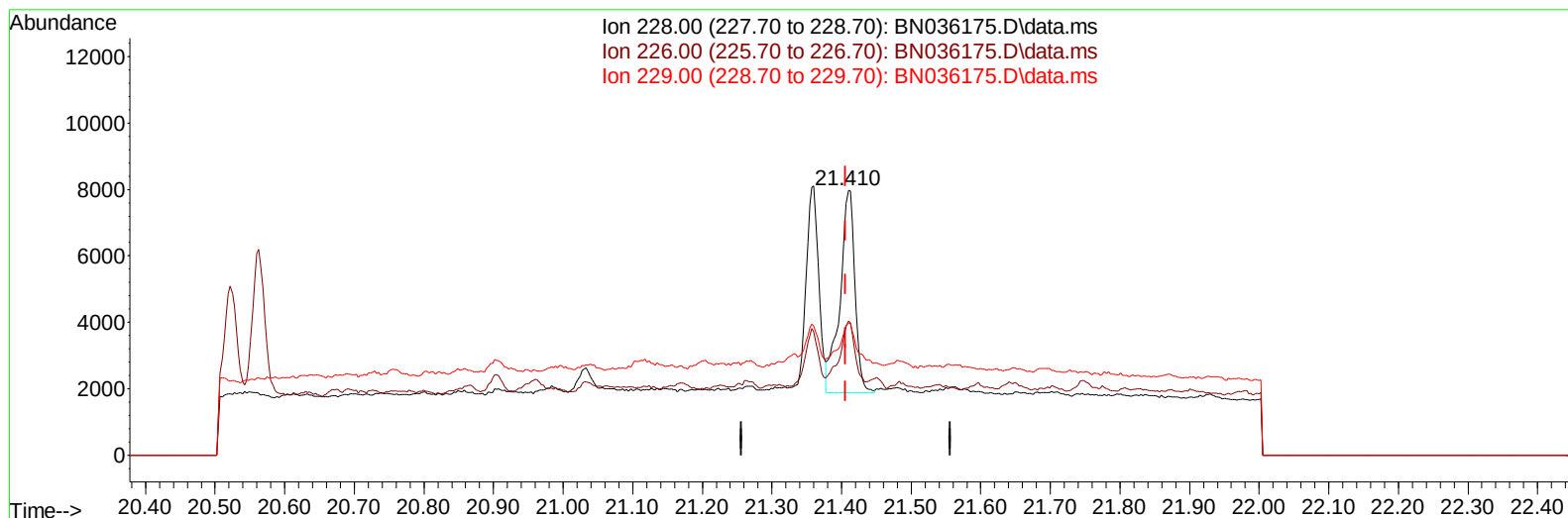
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036175.D\data.ms

(22) Chrysene

21.410min (+ 0.003) 0.30 ng/ul m

response 9140

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	50.73#
229.00	19.90	50.04#
0.00	0.00	0.00

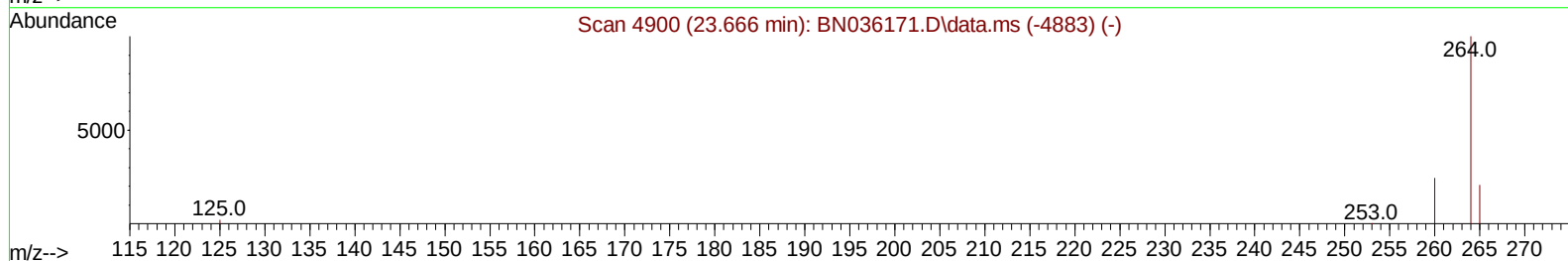
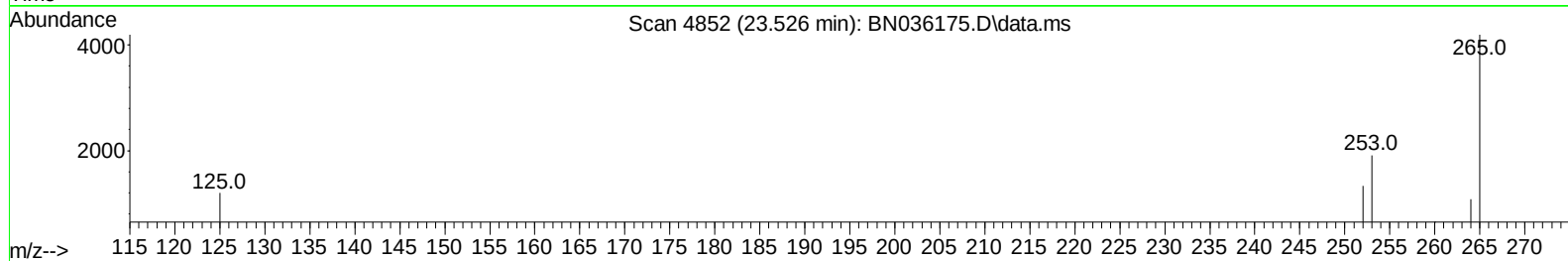
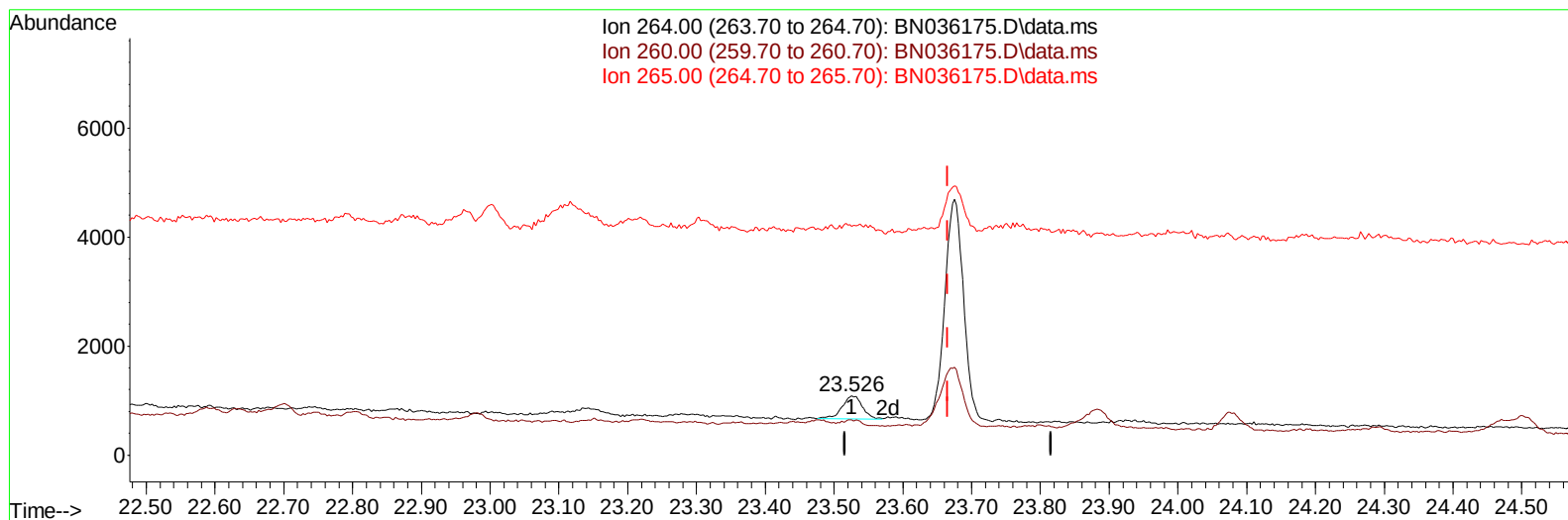
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036175.D\data.ms

(23) Perylene-d12 (I)

23.526min (-0.140) 0.40 ng/u1

response 872

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	59.87#
265.00	53.20	386.62#
0.00	0.00	0.00

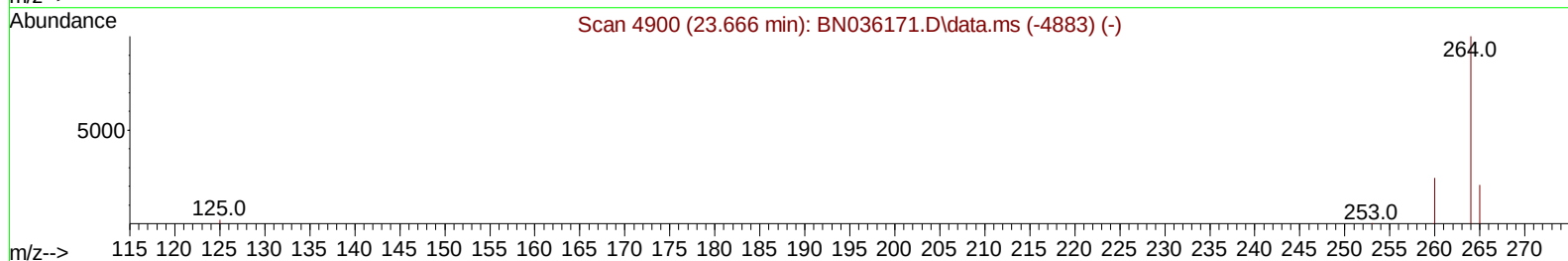
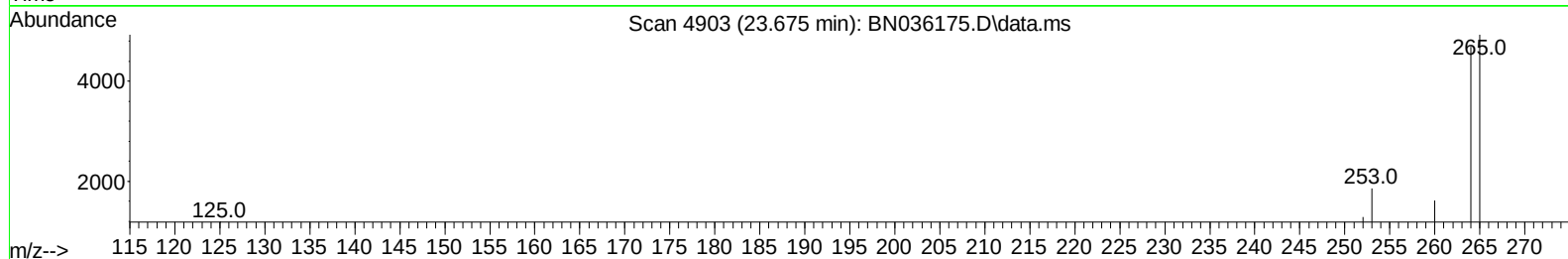
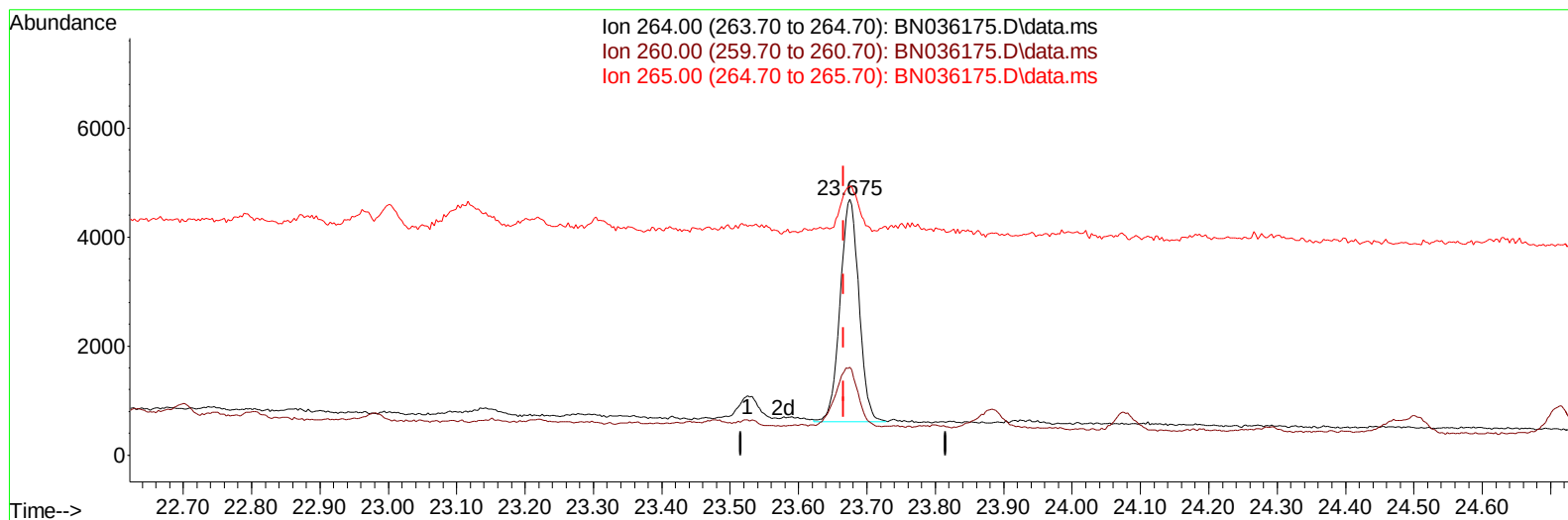
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(23) Perylene-d12 (I)

23.675min (+ 0.009) 0.40 ng/ul m

response 7809

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	34.38#
265.00	53.20	105.14#
0.00	0.00	0.00

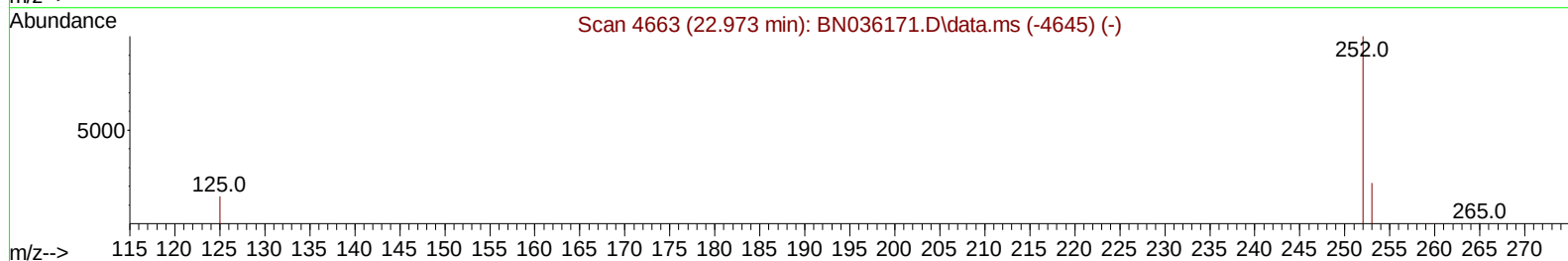
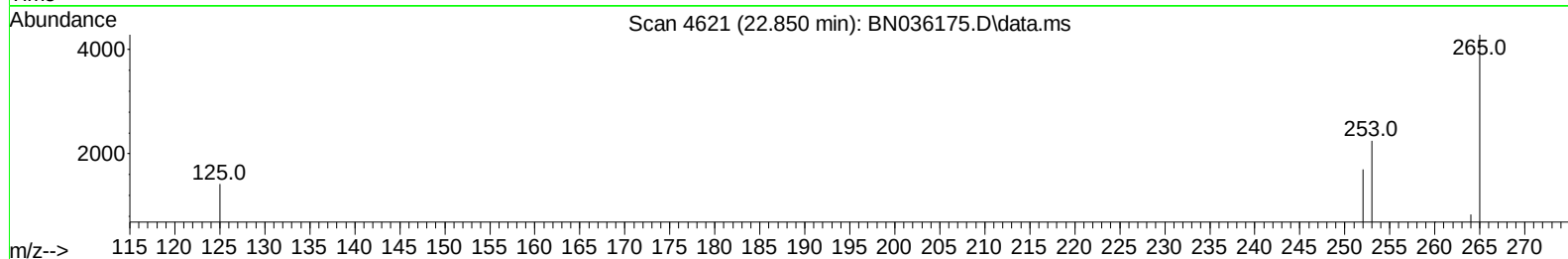
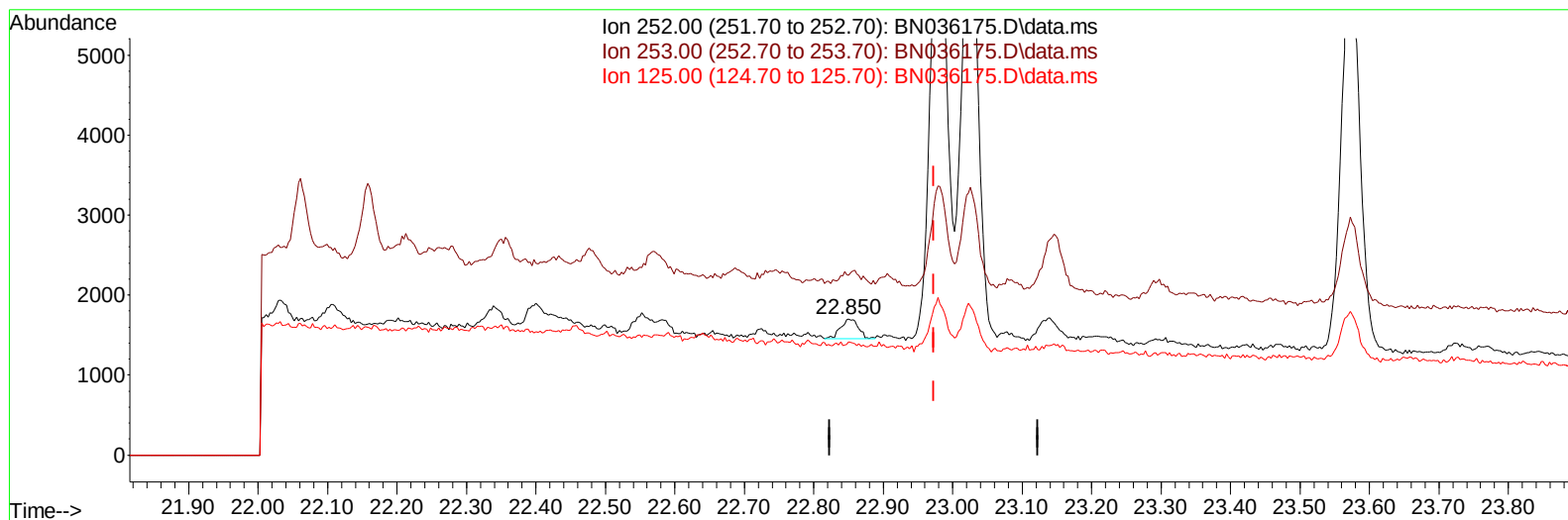
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(24) Benzo(b)fluoranthene

22.850min (-0.122) 0.02 ng/u1

response 429

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	132.12#
125.00	13.90	83.32#
0.00	0.00	0.00

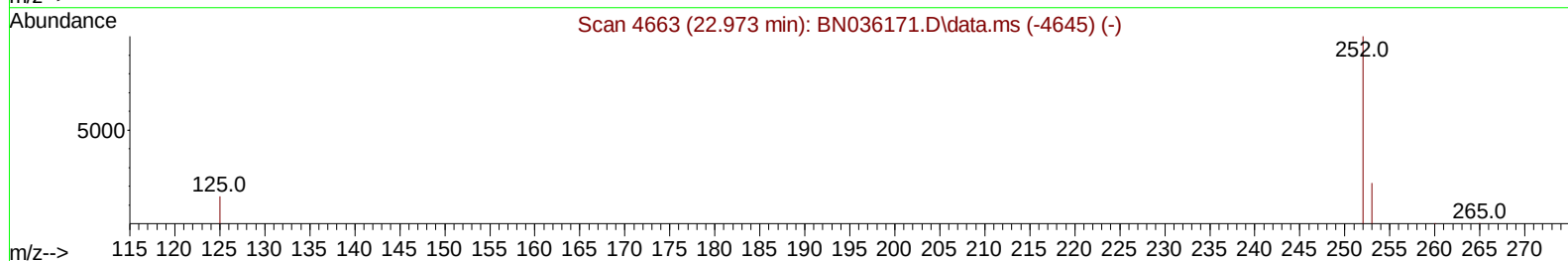
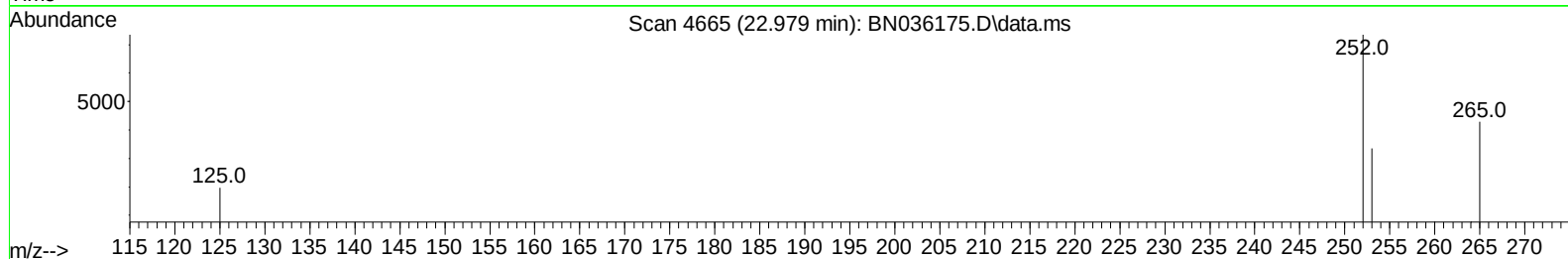
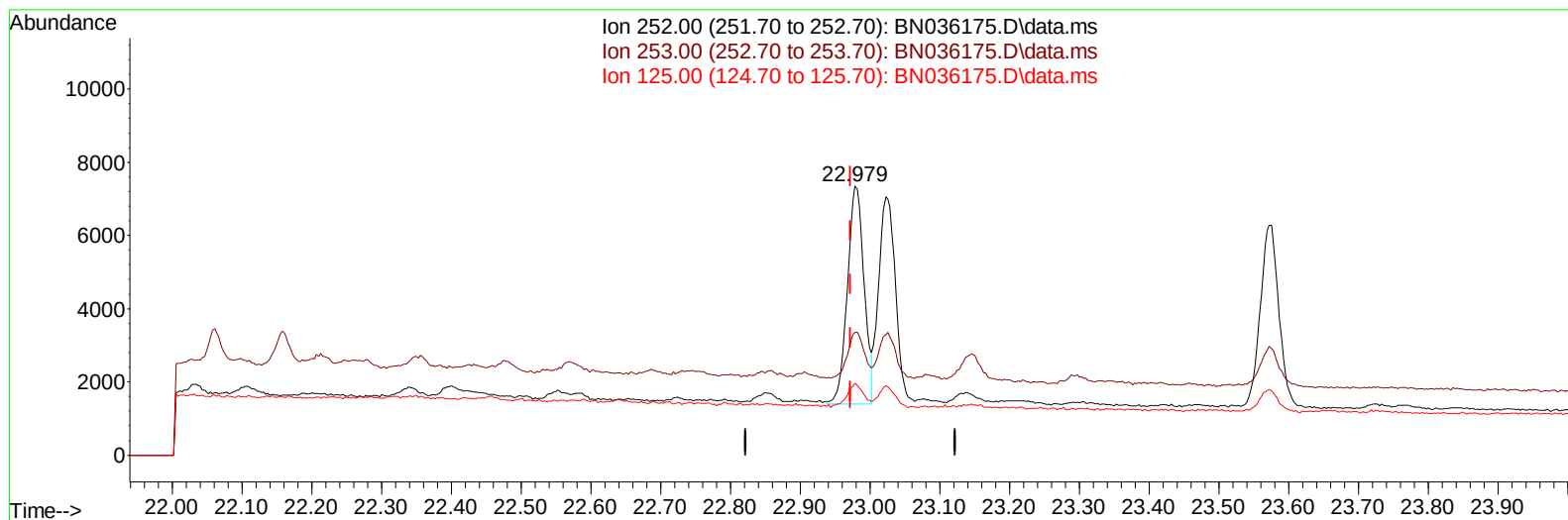
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(24) Benzo(b)fluoranthene

22.979min (+ 0.006) 0.38 ng/ul m

response 9903

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	45.74
125.00	13.90	26.80
0.00	0.00	0.00

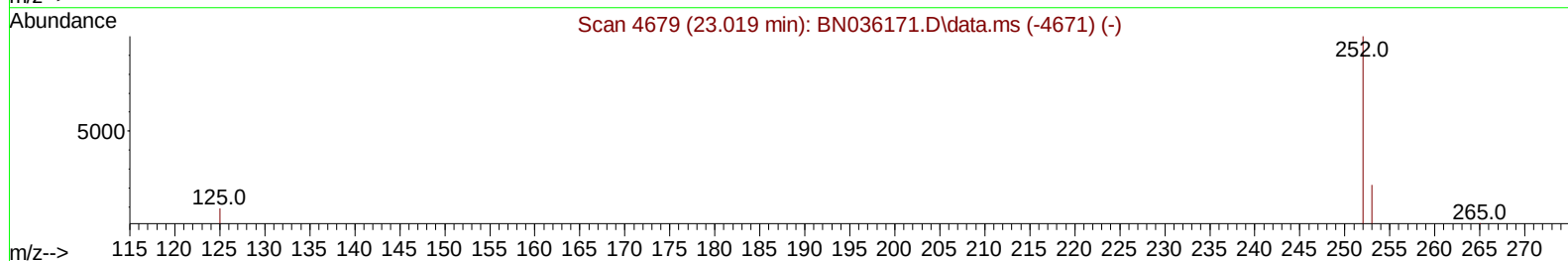
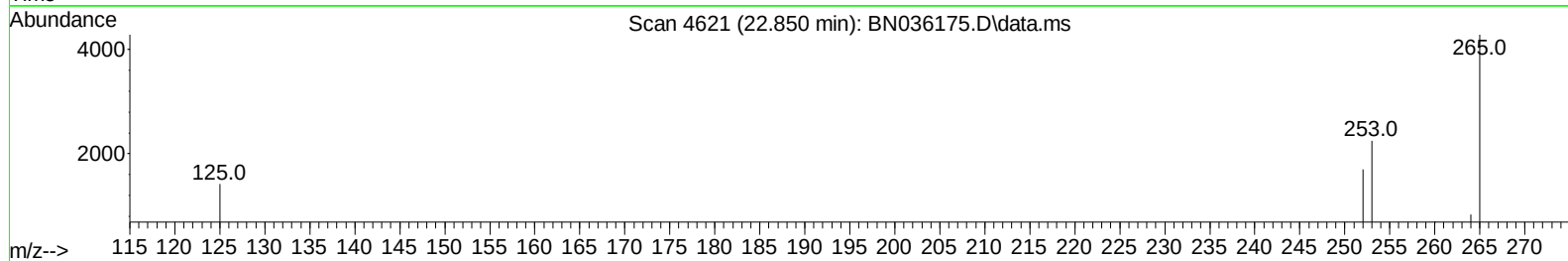
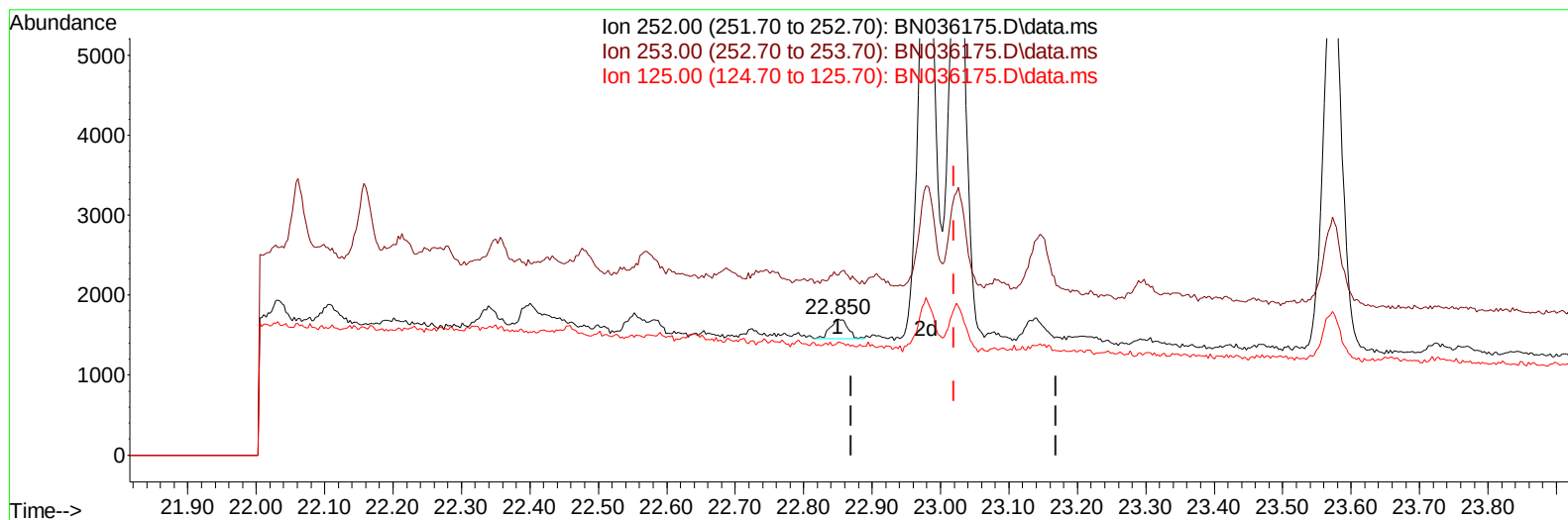
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(25) Benzo(k)fluoranthene

22.850min (-0.169) 0.02 ng/u1

response 429

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	132.12#
125.00	13.30	83.32#
0.00	0.00	0.00

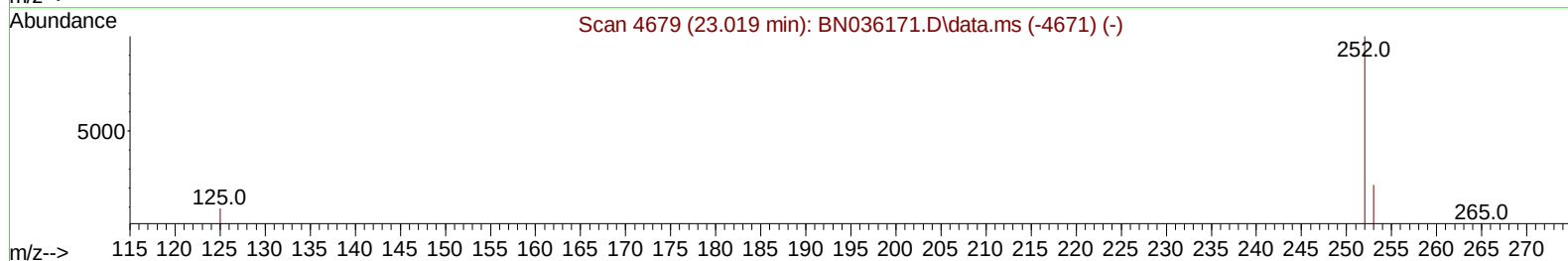
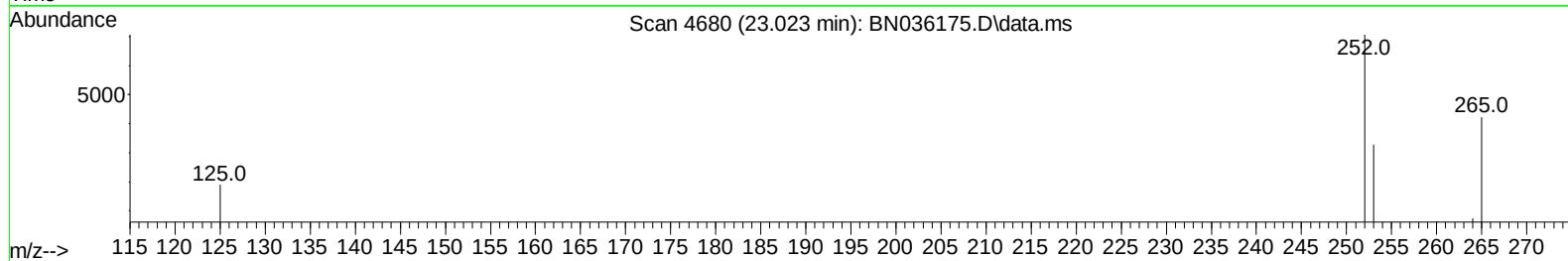
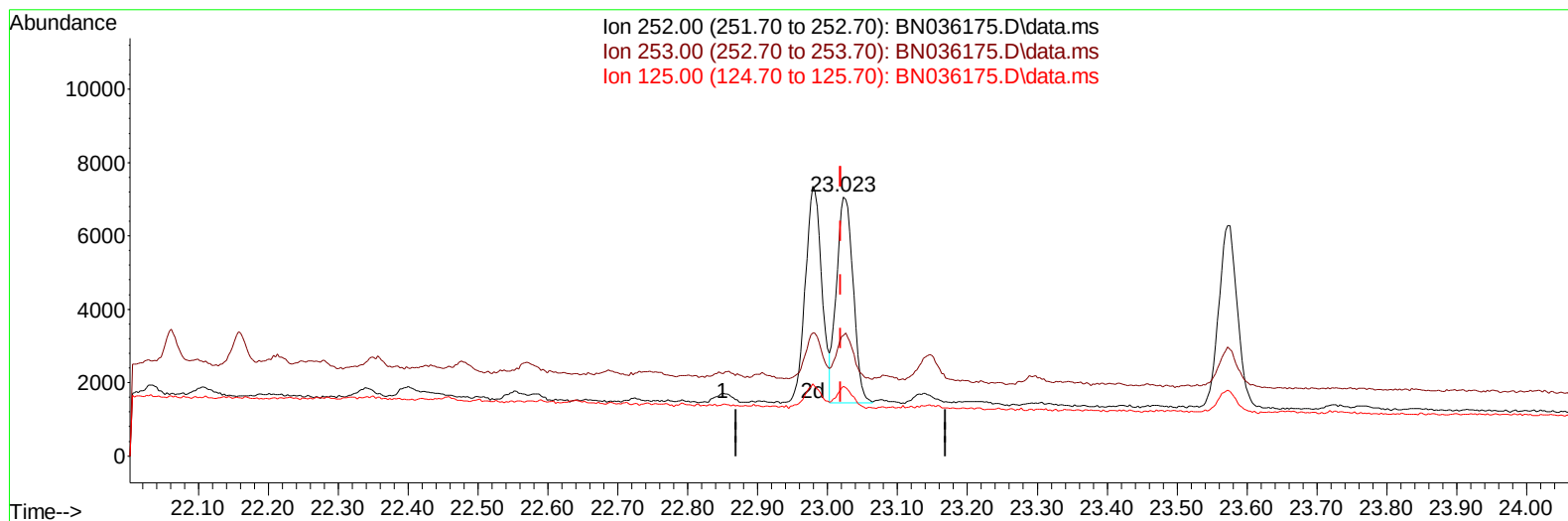
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(25) Benzo(k)fluoranthene

23.023min (+ 0.003) 0.34 ng/ul m

response 9297

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	46.43#
125.00	13.30	26.87#
0.00	0.00	0.00

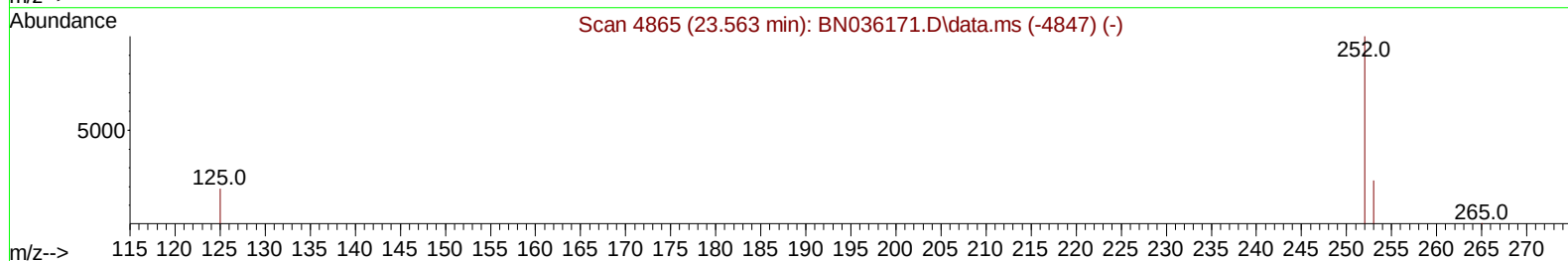
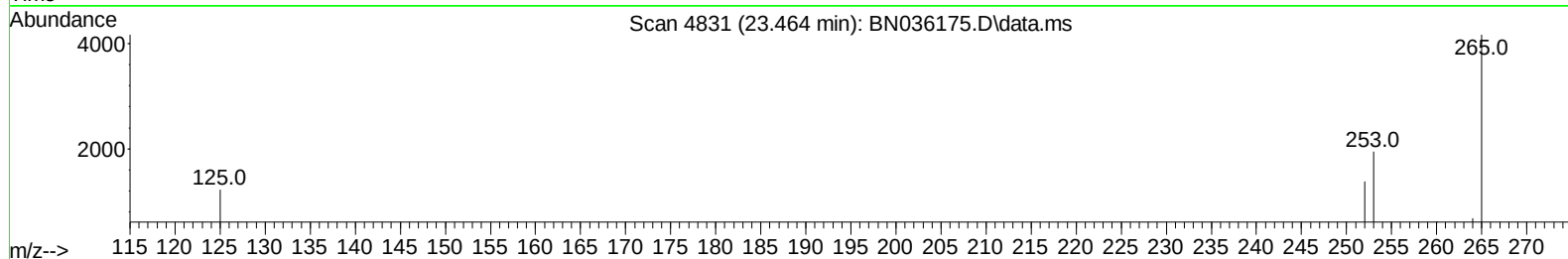
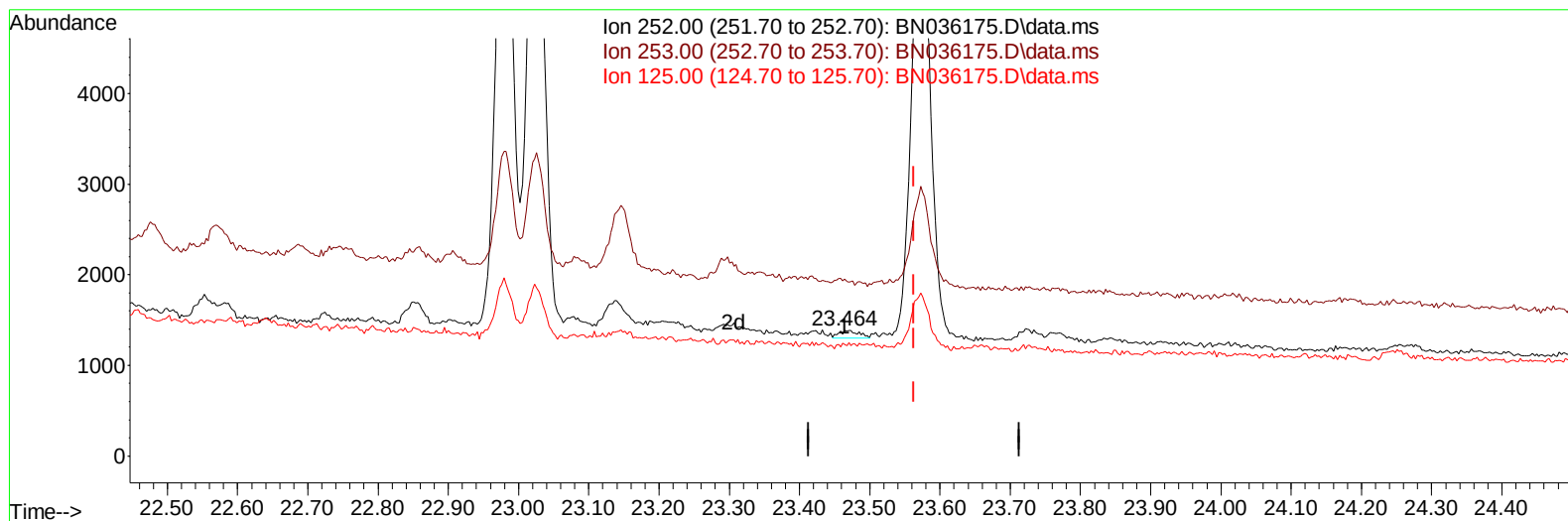
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036175.D\data.ms

(26) Benzo(a)pyrene (C)

23.464min (-0.099) 0.01 ng/u1

response 163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.80	140.91#
125.00	16.40	88.82#
0.00	0.00	0.00

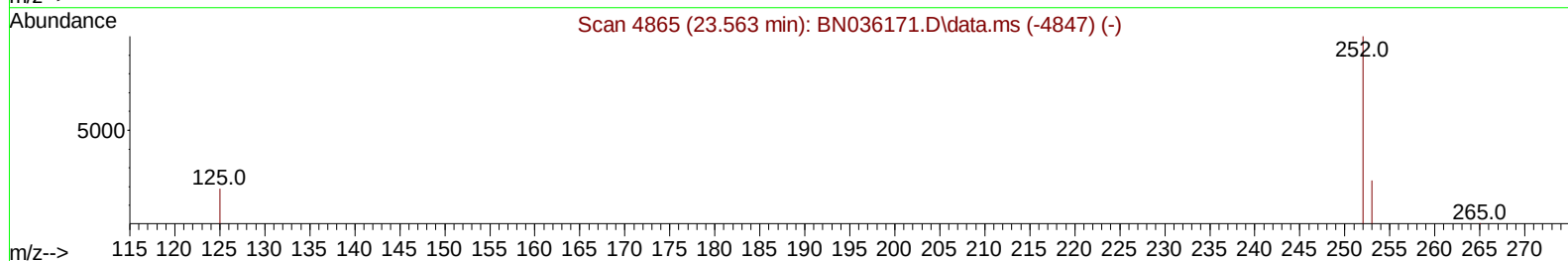
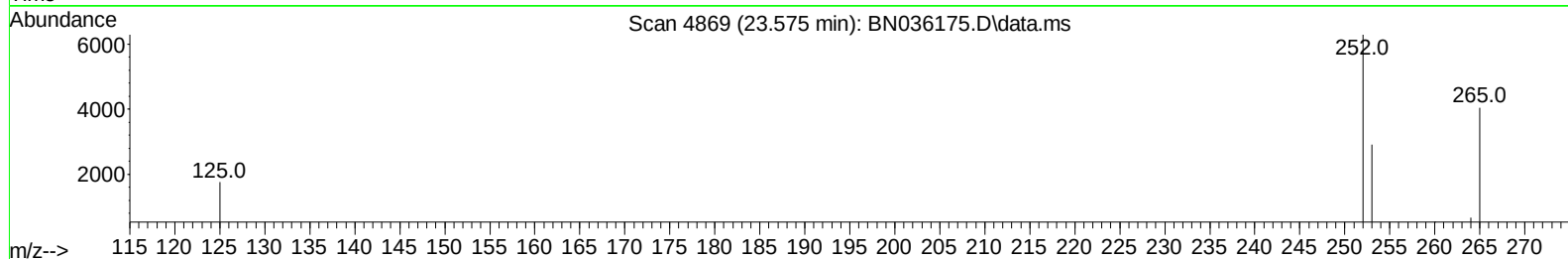
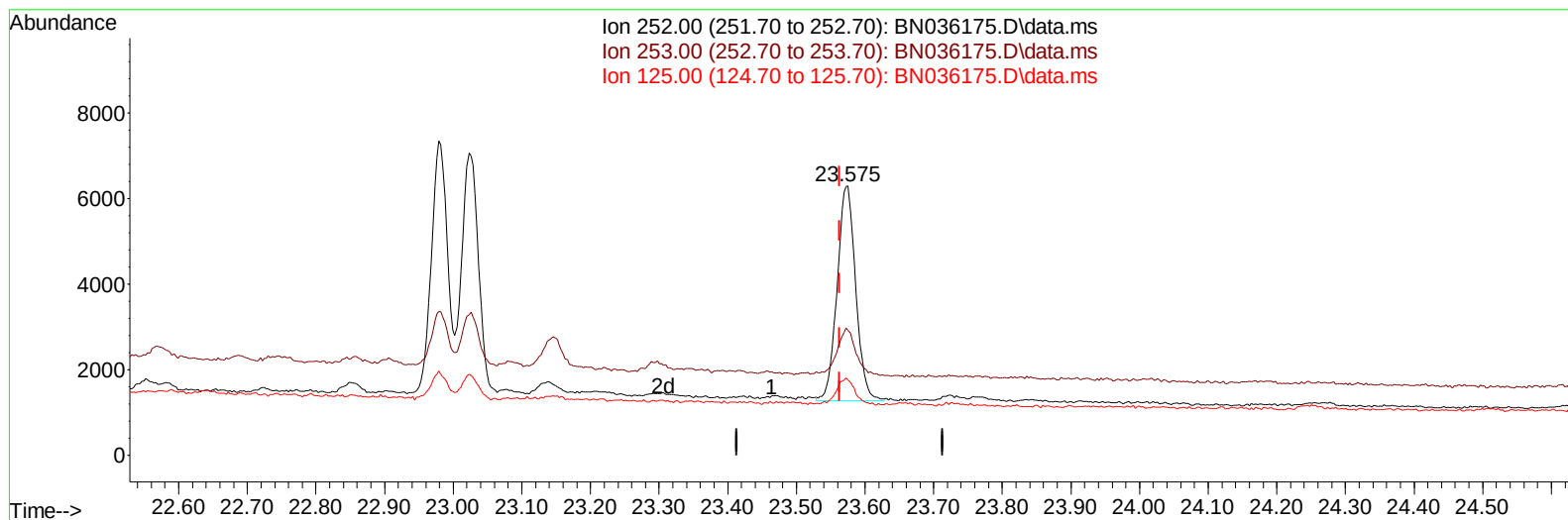
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(26) Benzo(a)pyrene (C)

23.575min (+ 0.012) 0.40 ng/ul m

response 9489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.80	46.23#
125.00	16.40	27.91#
0.00	0.00	0.00

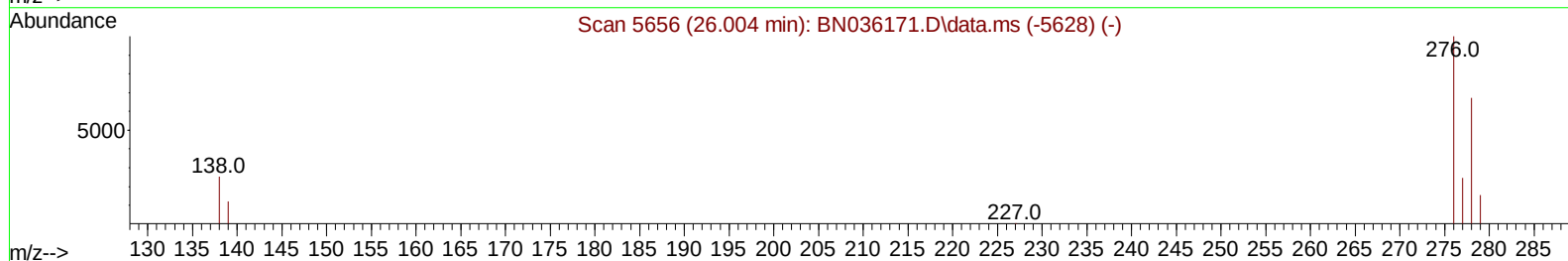
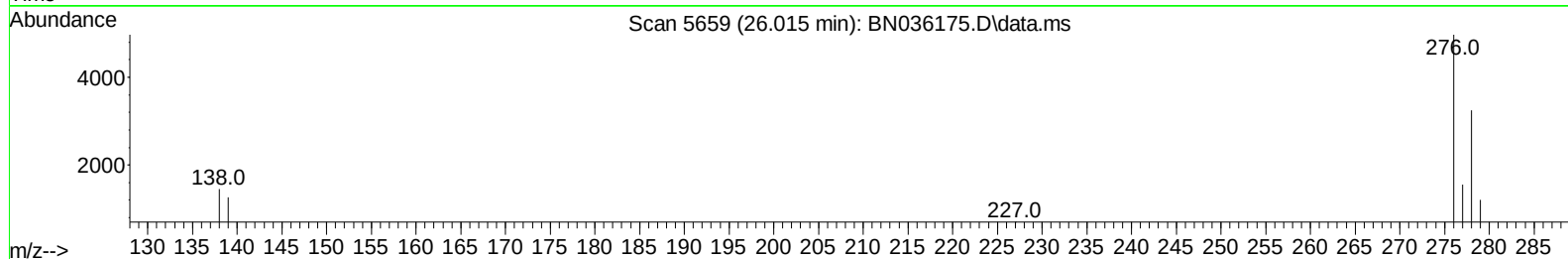
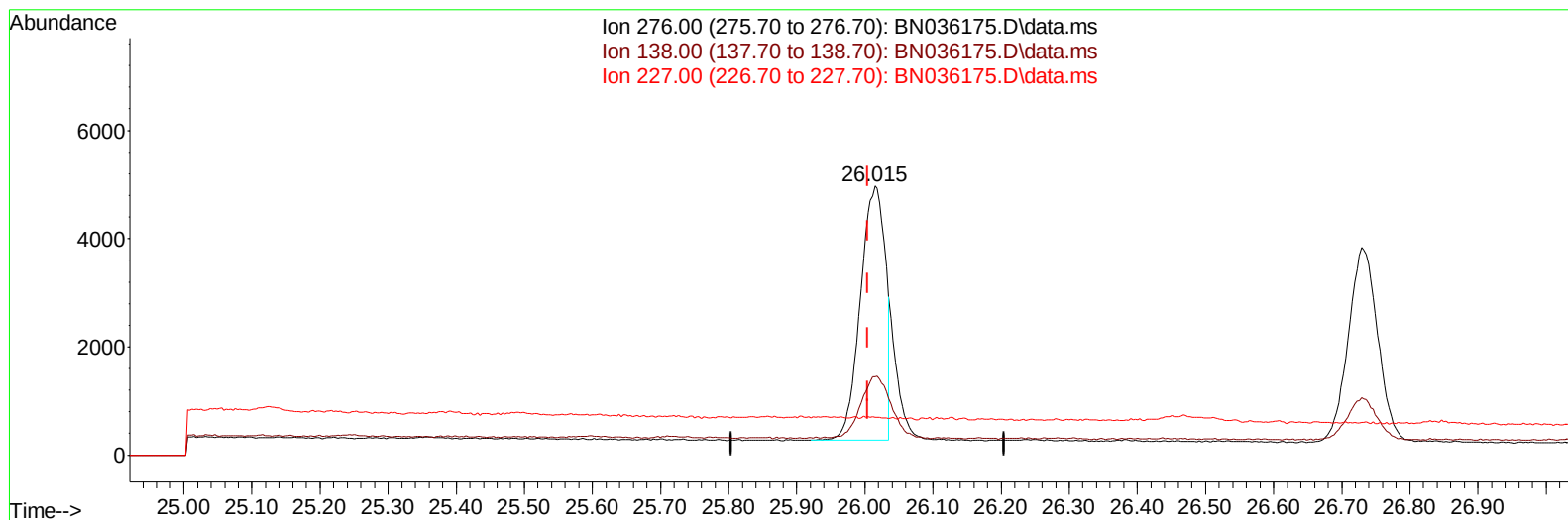
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

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

26.015min (+ 0.010) 0.38 ng/u1

response 11942

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.30	24.11
227.00	0.10	0.00#
0.00	0.00	0.00

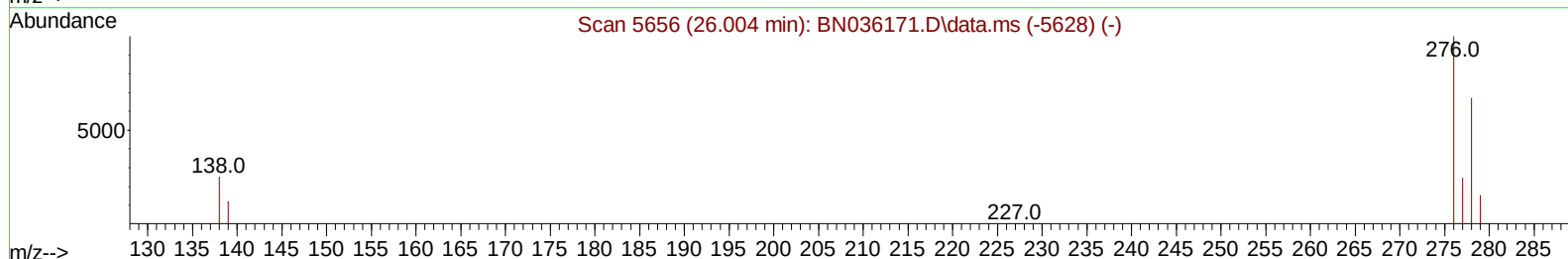
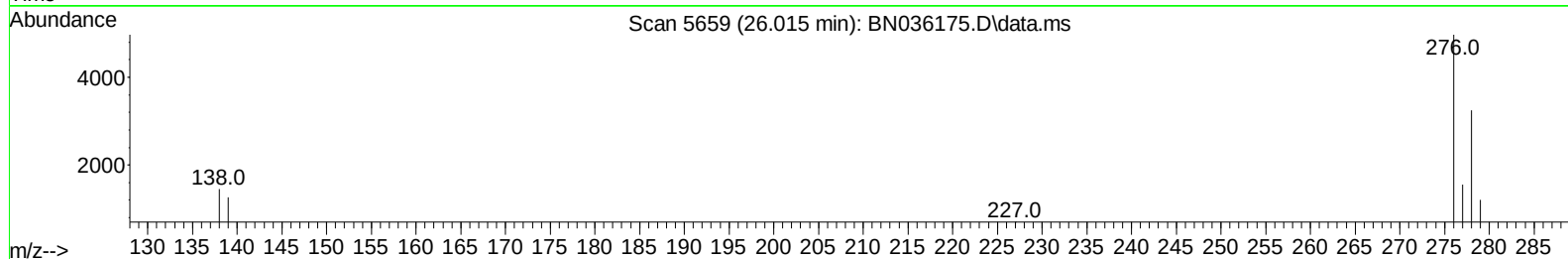
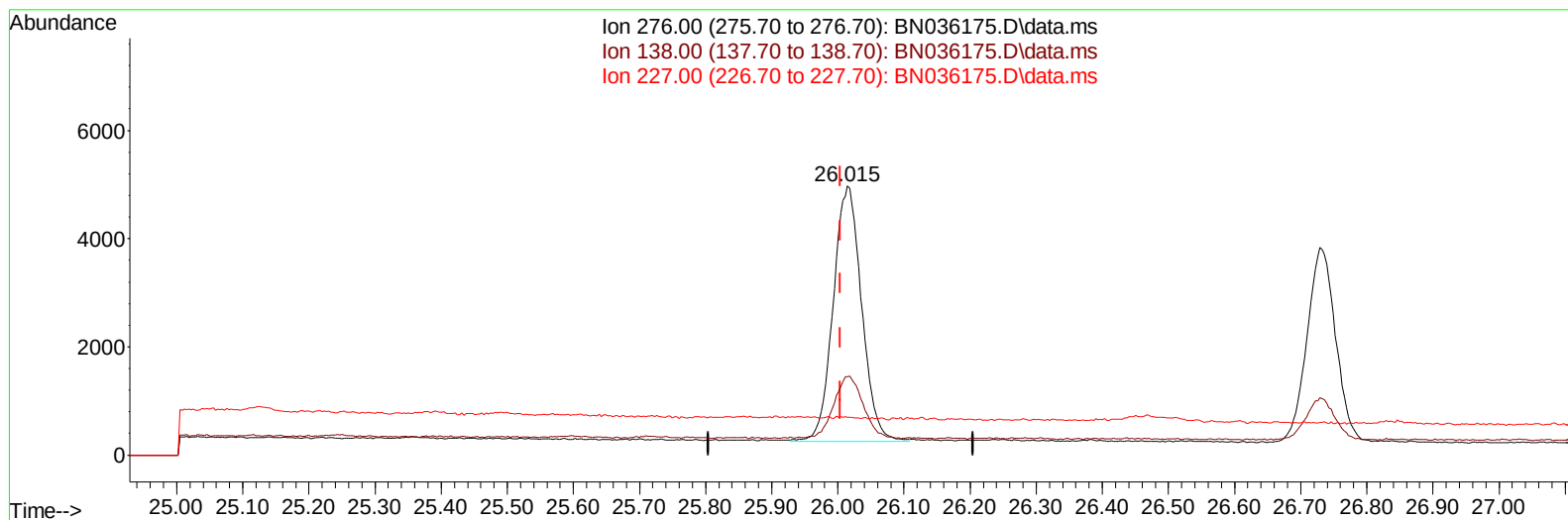
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

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

26.015min (+ 0.010) 0.45 ng/ul m

response 14111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.30	20.40
227.00	0.10	0.00#
0.00	0.00	0.00

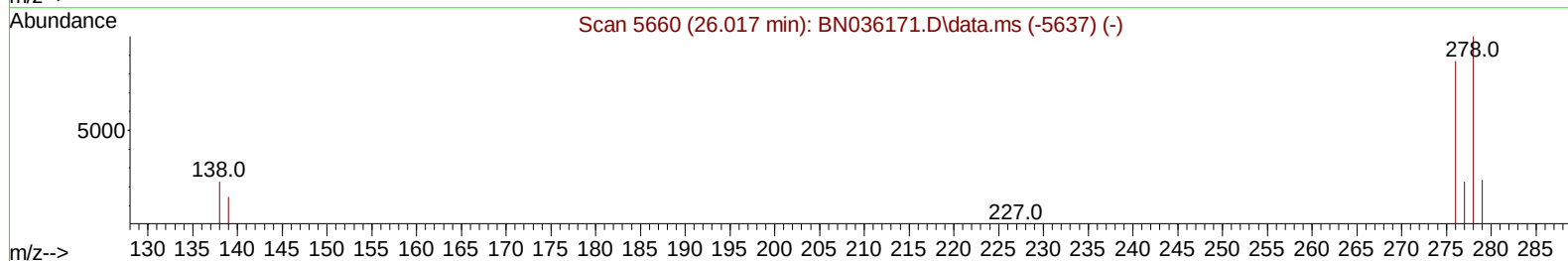
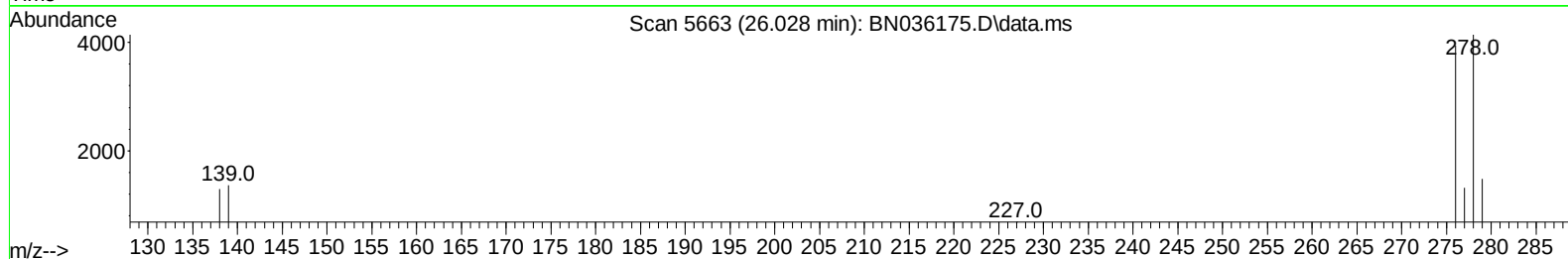
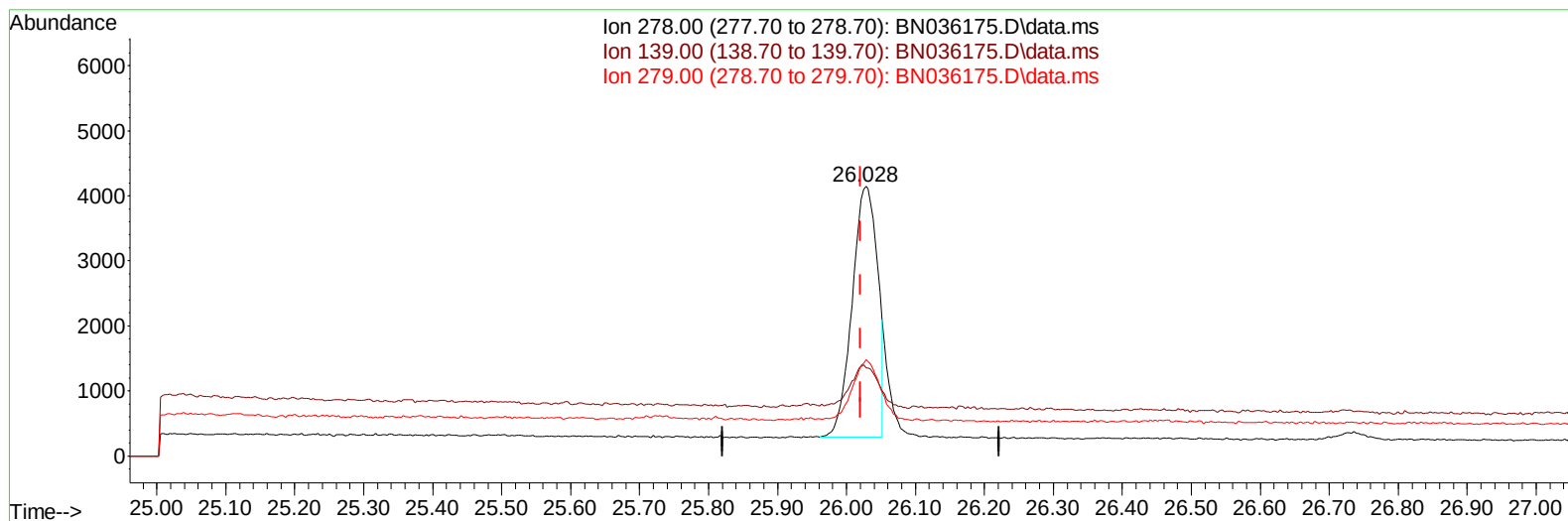
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(28) Dibenzo(a,h)anthracene

26.028min (+ 0.007) 0.41 ng/u1

response 9794

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.30	32.75#
279.00	27.80	35.75#
0.00	0.00	0.00

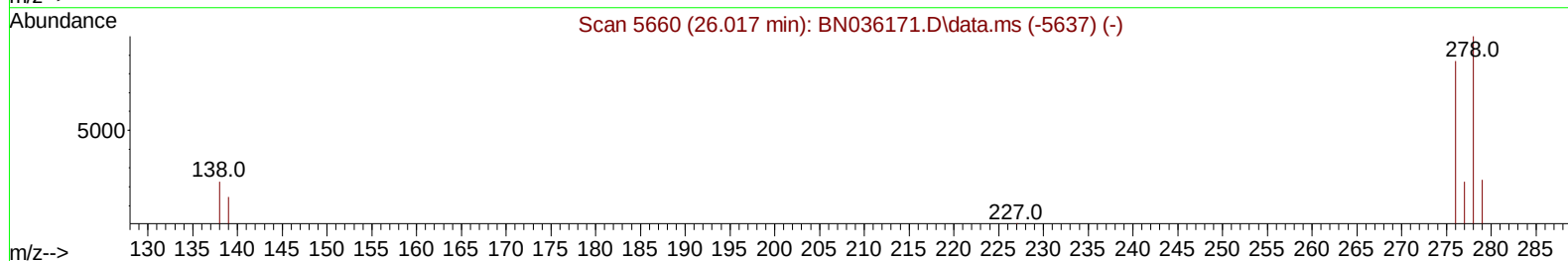
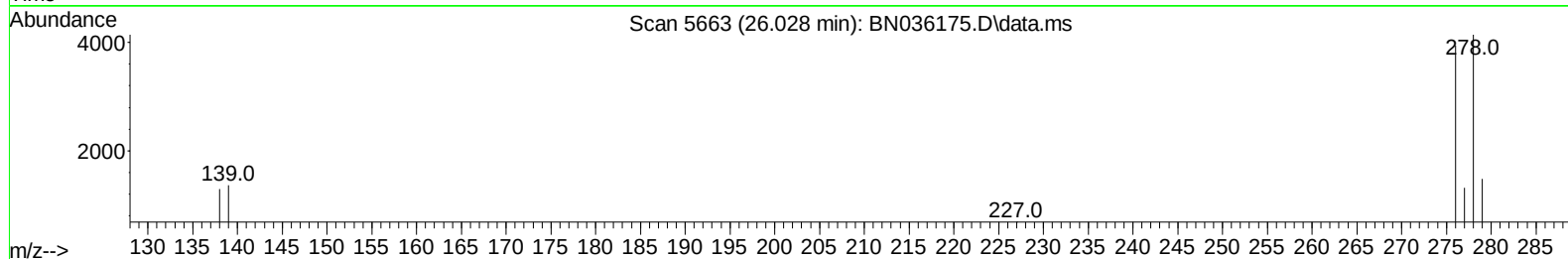
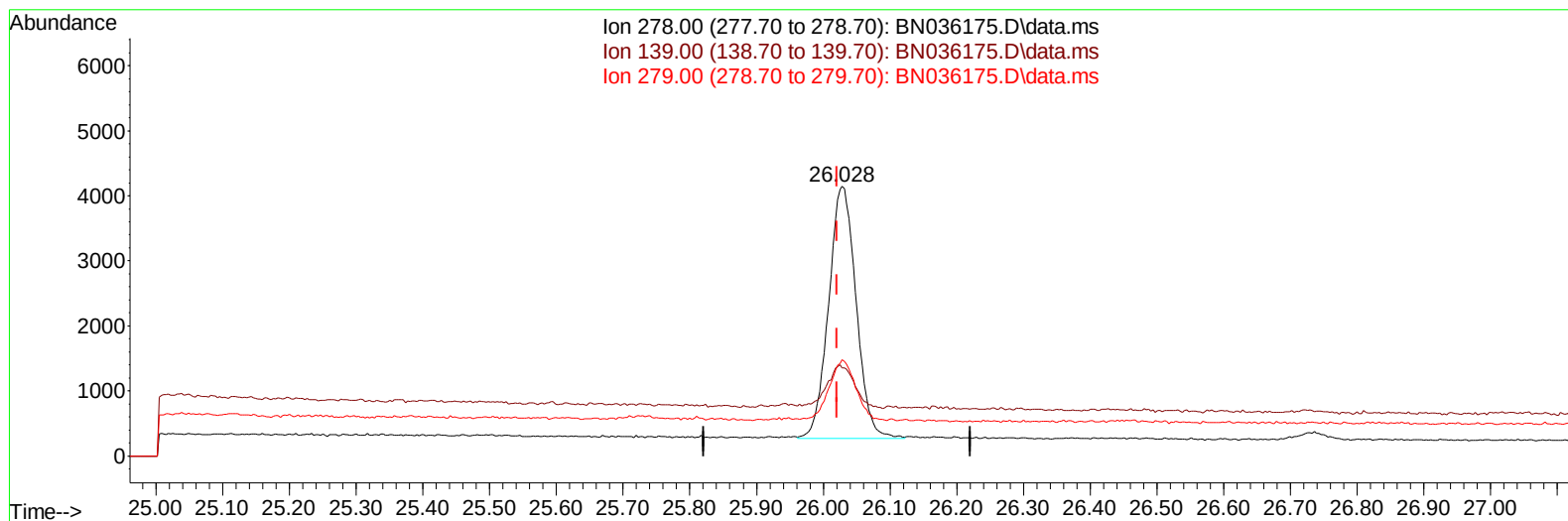
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

(28) Dibenzo(a,h)anthracene

26.028min (+ 0.007) 0.46 ng/ul m

response 11131

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.30	32.75#
279.00	27.80	35.75#
0.00	0.00	0.00

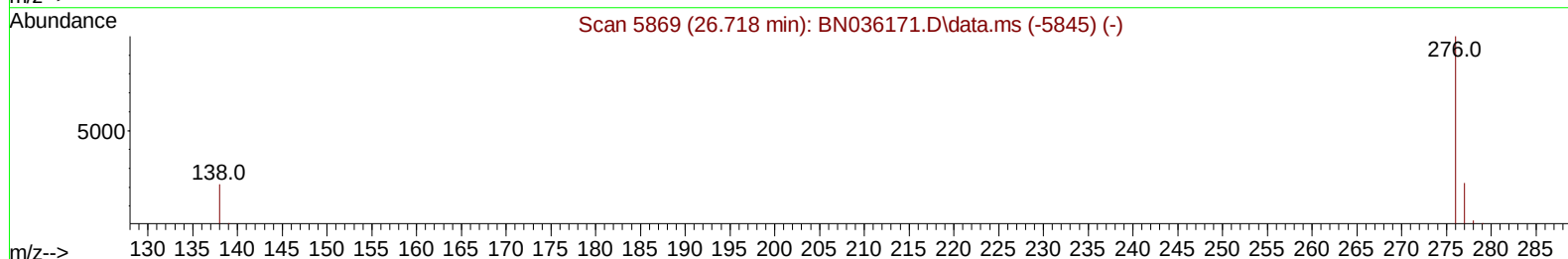
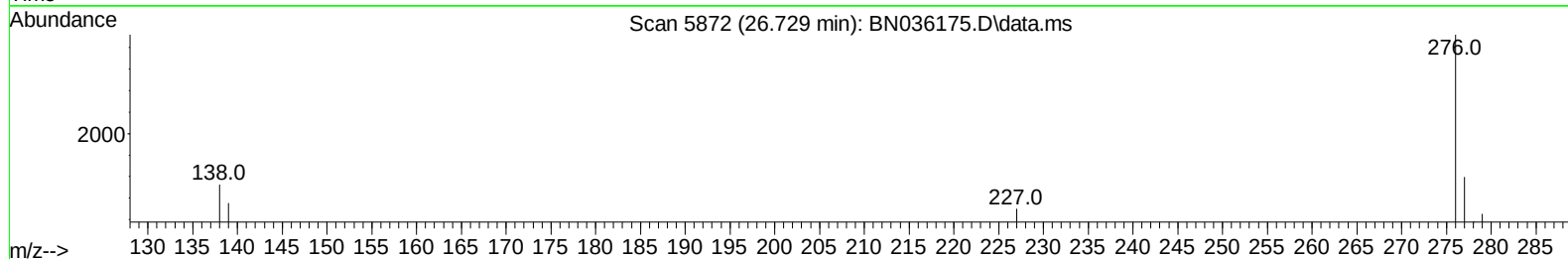
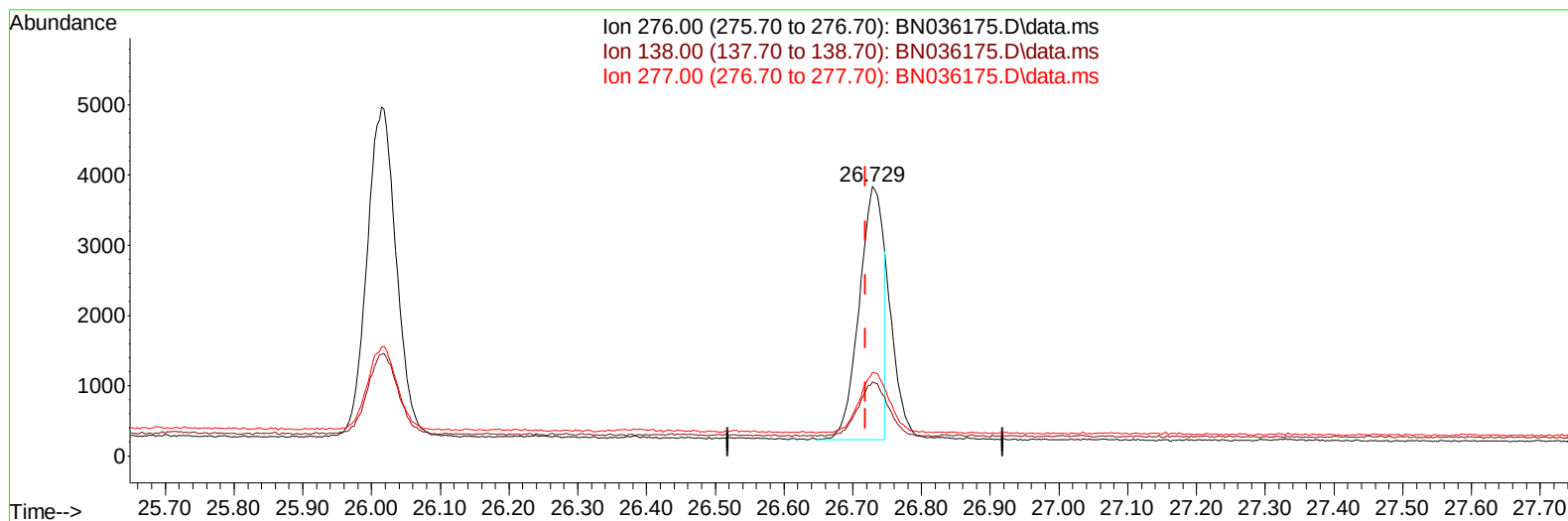
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

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

26.729min (+ 0.010) 0.35 ng/u1

response 8532

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.20	27.54
277.00	26.40	31.03
0.00	0.00	0.00

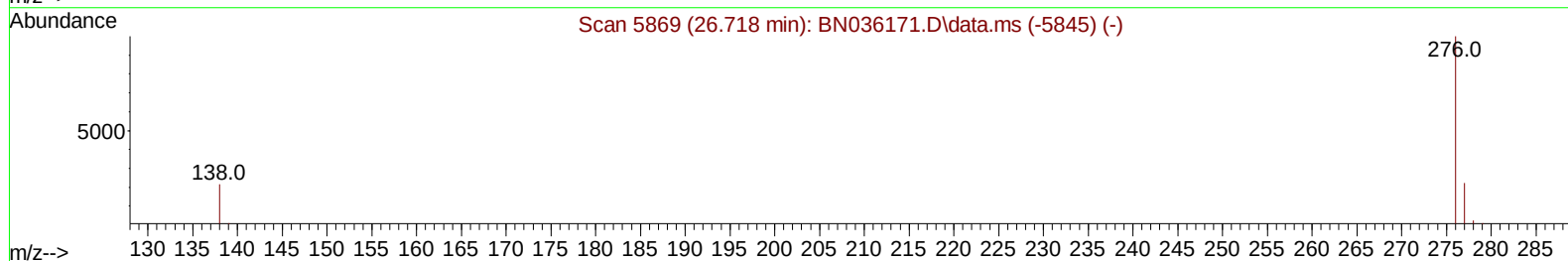
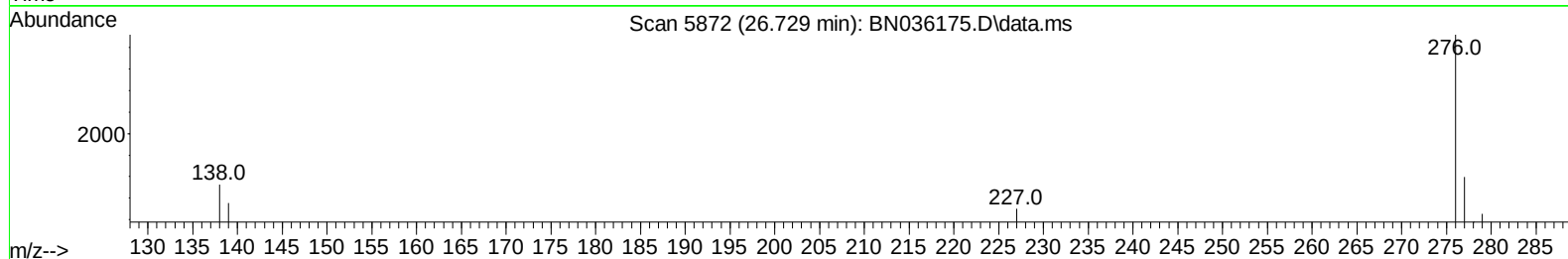
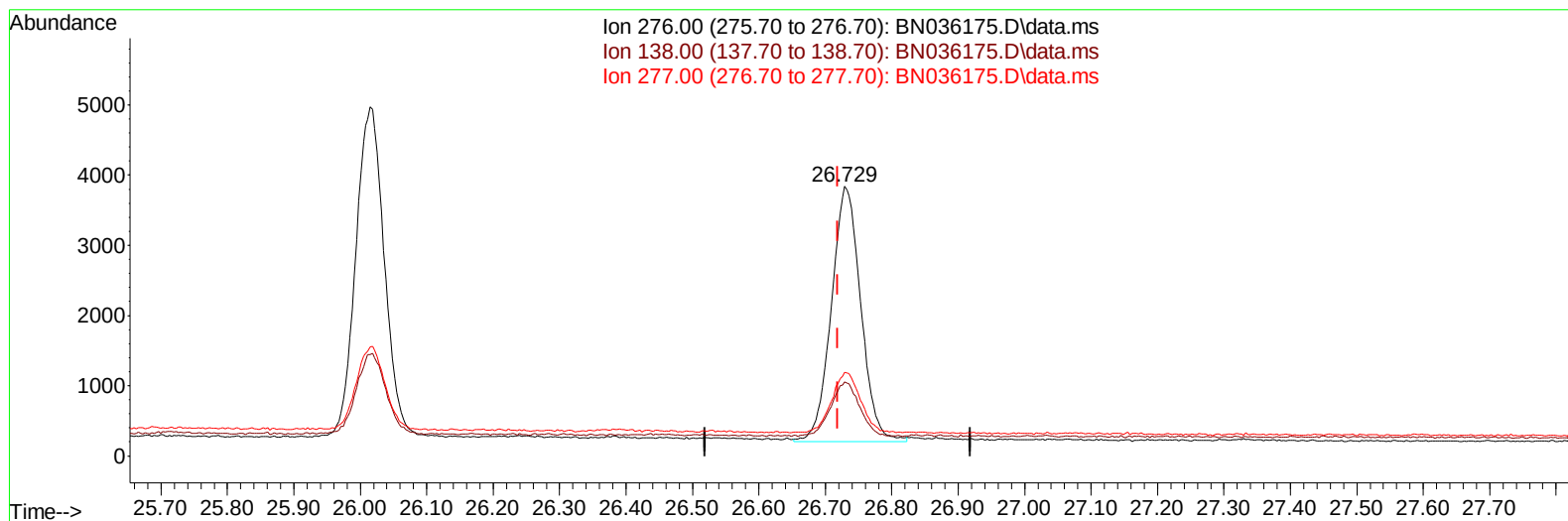
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036175.D\data.ms

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

26.729min (+ 0.010) 0.46 ng/ul m

response 11182

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.20	27.54
277.00	26.40	31.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036175.D
 Acq On : 31 Jan 2025 19:27
 Operator : RC/JU
 Sample : Q1197-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:51:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	568	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.583	136	2191m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	6474m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.183	188	3320m	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	8350m	0.400	ng/ul	0.00
23) Perylene-d12	23.675	264	7809m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	208	0.334	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	918m	0.332	ng/ul	-0.02
18) Fluoranthene-d10	19.215	212	4372m	0.191	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	566	0.853	ng/ul#	1
5) Naphthalene	10.638	128	61682	10.219	ng/ul	98
7) 2-Methylnaphthalene	12.255	142	8699m	2.320	ng/ul	
8) 1-Methylnaphthalene	12.475	142	7657m	2.012	ng/ul	
10) Acenaphthylene	14.154	152	4008m	0.131	ng/ul	
11) Acenaphthene	14.501	153	7389m	0.329	ng/ul	
12) Fluorene	15.486	166	4589m	0.185	ng/ul	
14) Pentachlorophenol	16.841	266	1545m	1.328	ng/ul	
15) Phenanthrene	17.225	178	11859m	1.220	ng/ul	
16) Anthracene	17.314	178	12356m	1.367	ng/ul	
19) Fluoranthene	19.243	202	8569m	0.270	ng/ul	
20) Pyrene	19.606	202	9334m	0.282	ng/ul	
21) Benzo(a)anthracene	21.360	228	7663m	0.257	ng/ul	
22) Chrysene	21.410	228	9140m	0.300	ng/ul	
24) Benzo(b)fluoranthene	22.979	252	9903m	0.380	ng/ul	
25) Benzo(k)fluoranthene	23.023	252	9297m	0.339	ng/ul	
26) Benzo(a)pyrene	23.575	252	9489m	0.403	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.015	276	14111m	0.453	ng/ul	
28) Dibenzo(a,h)anthracene	26.028	278	11131m	0.464	ng/ul	
29) Benzo(g,h,i)perylene	26.729	276	11182m	0.462	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:51:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

