

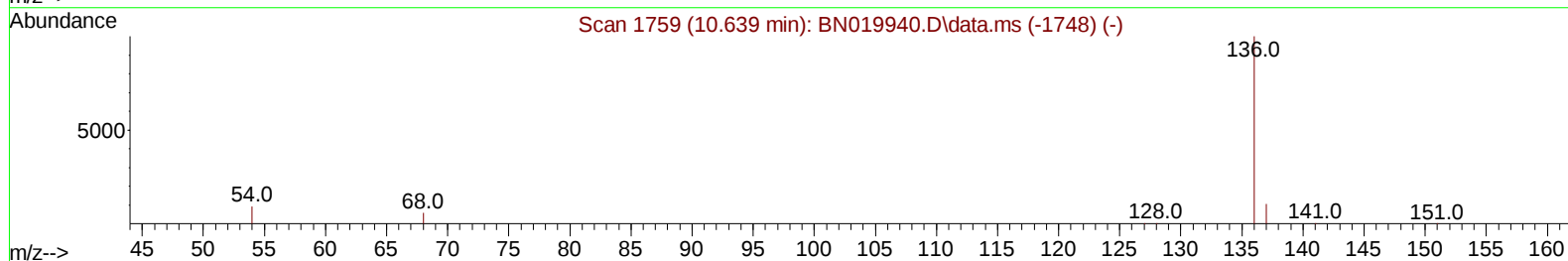
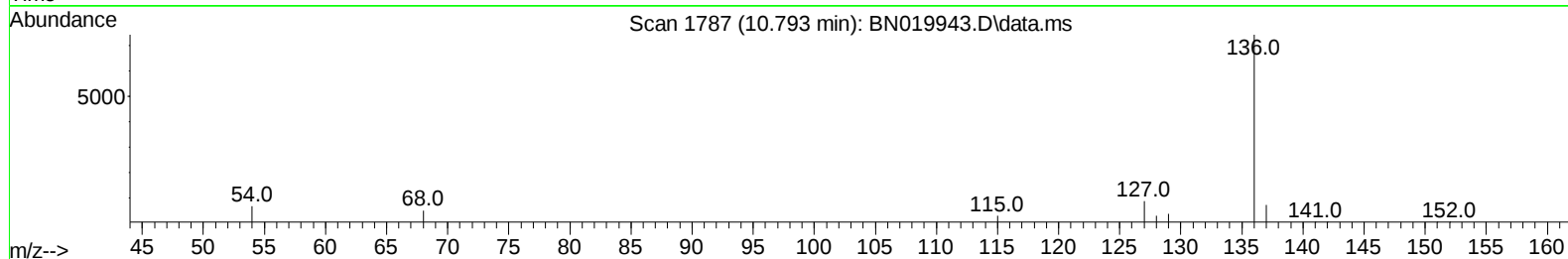
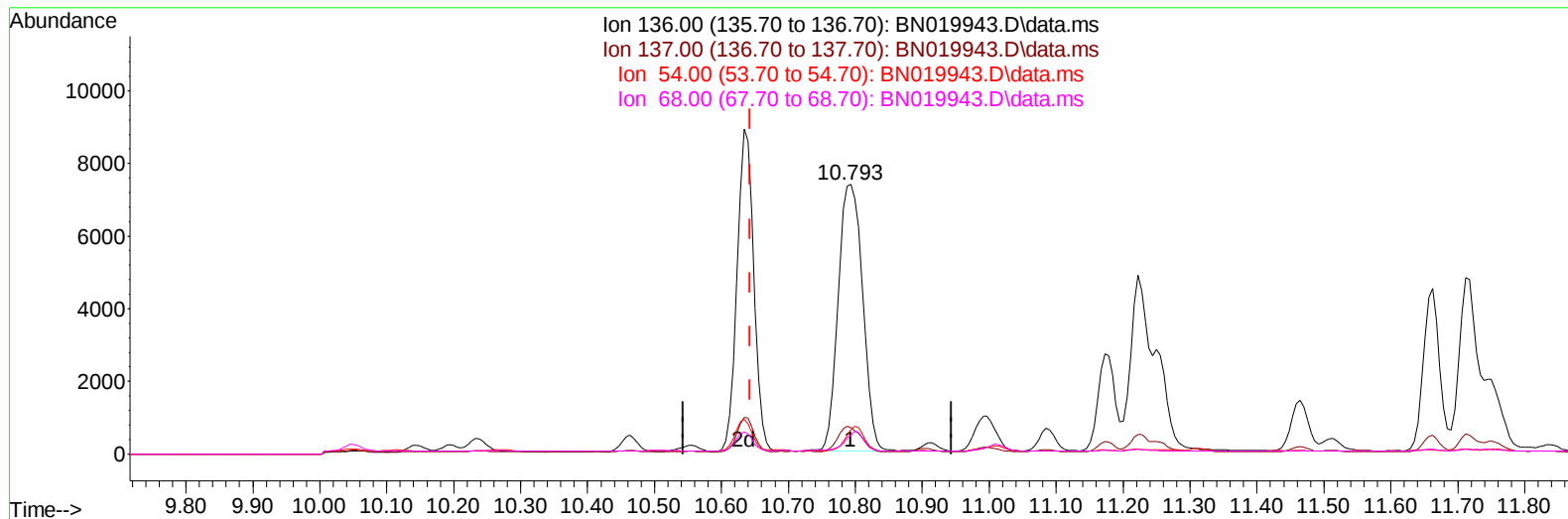
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(4) Naphthalene-d8 (I)

10.793min (+ 0.150) 0.40 ng/ul

response 18663

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.30	9.89
54.00	11.30	9.20
68.00	8.60	6.98

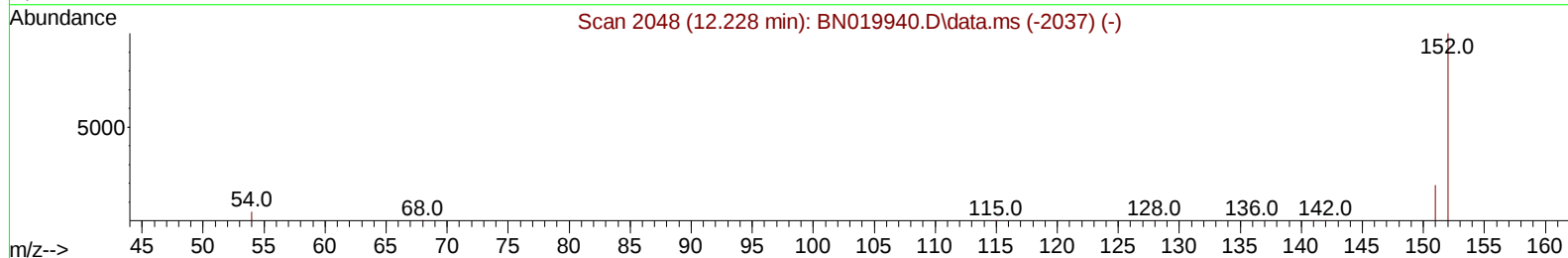
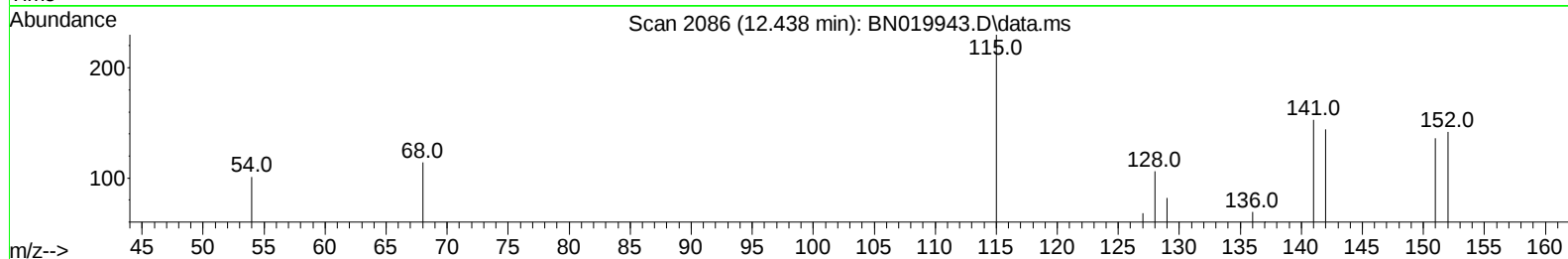
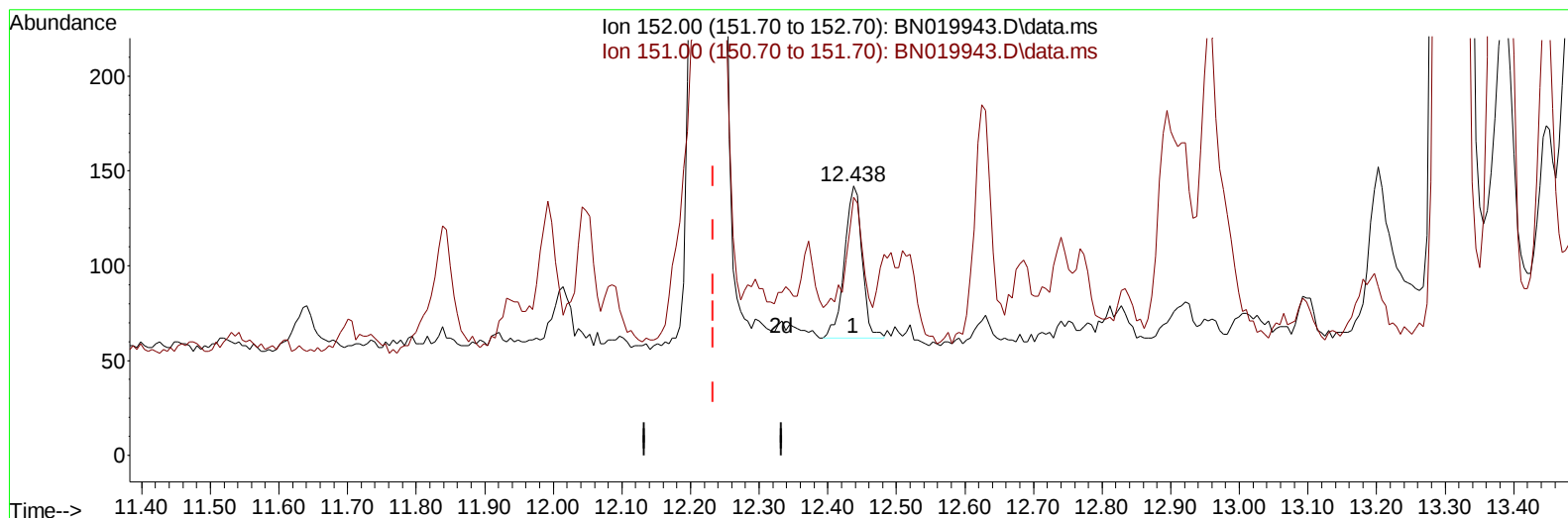
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
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TIC: BN019943.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.438min (+ 0.205) 0.01 ng/u1

response 141

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	0.00	62.41#
0.00	0.00	0.00
0.00	0.00	0.00

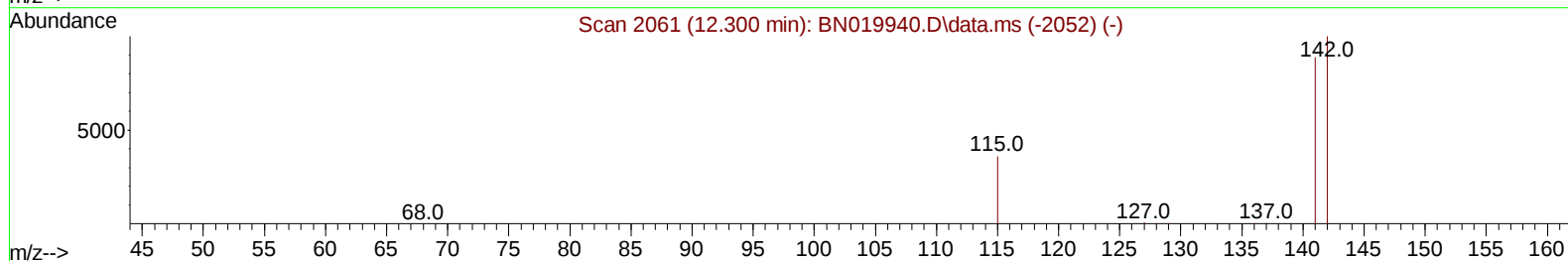
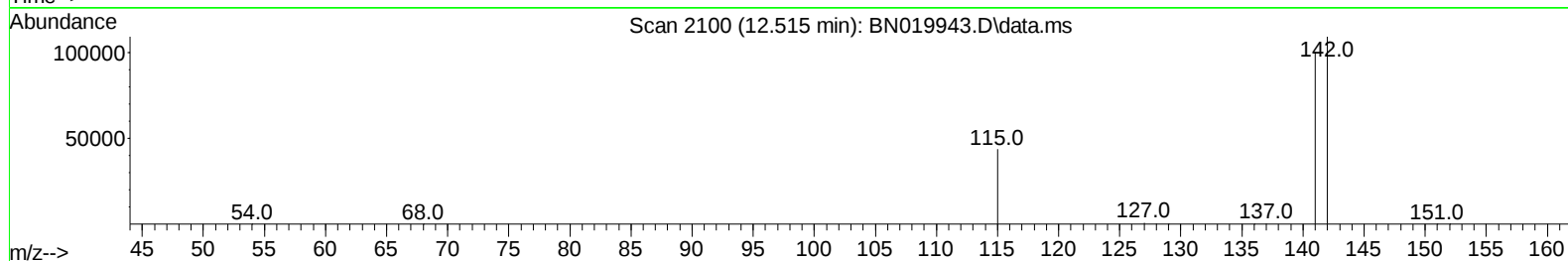
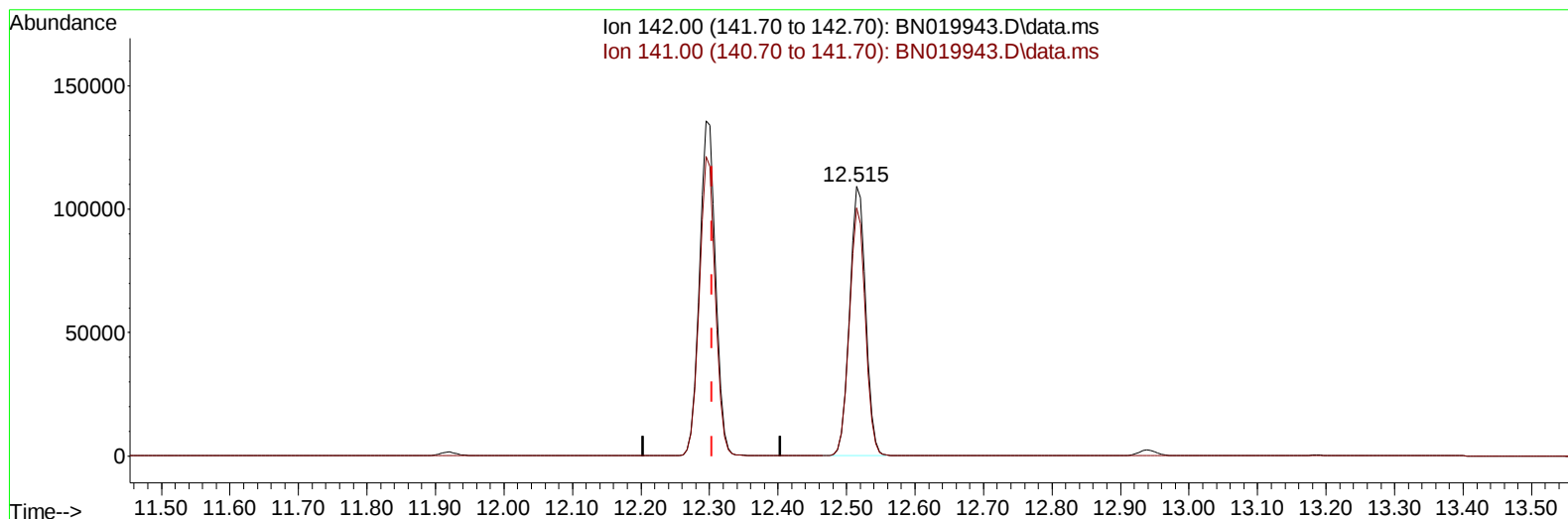
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(7) 2-Methylnaphthalene

12.515min (+ 0.211) 5.35 ng/u1

response 175210

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	0.00	91.55#
0.00	0.00	0.00
0.00	0.00	0.00

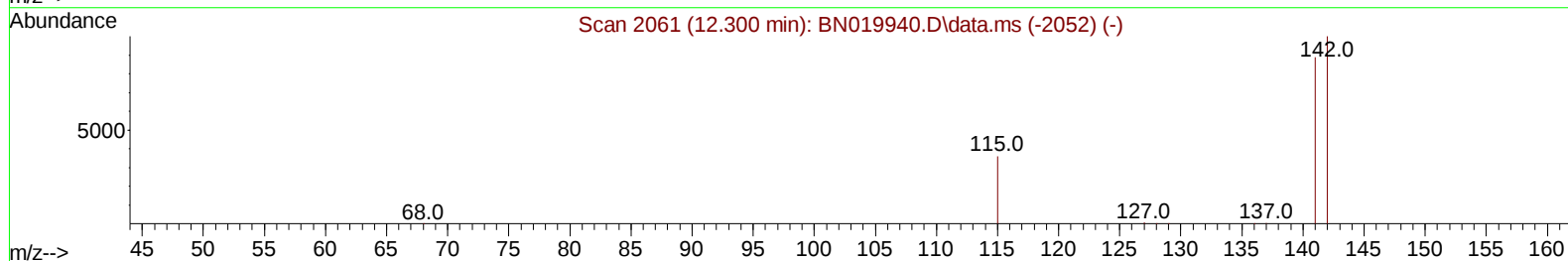
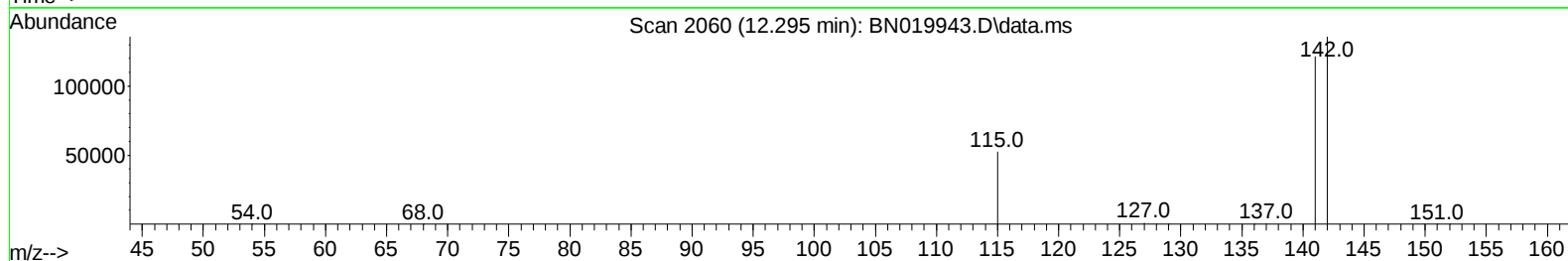
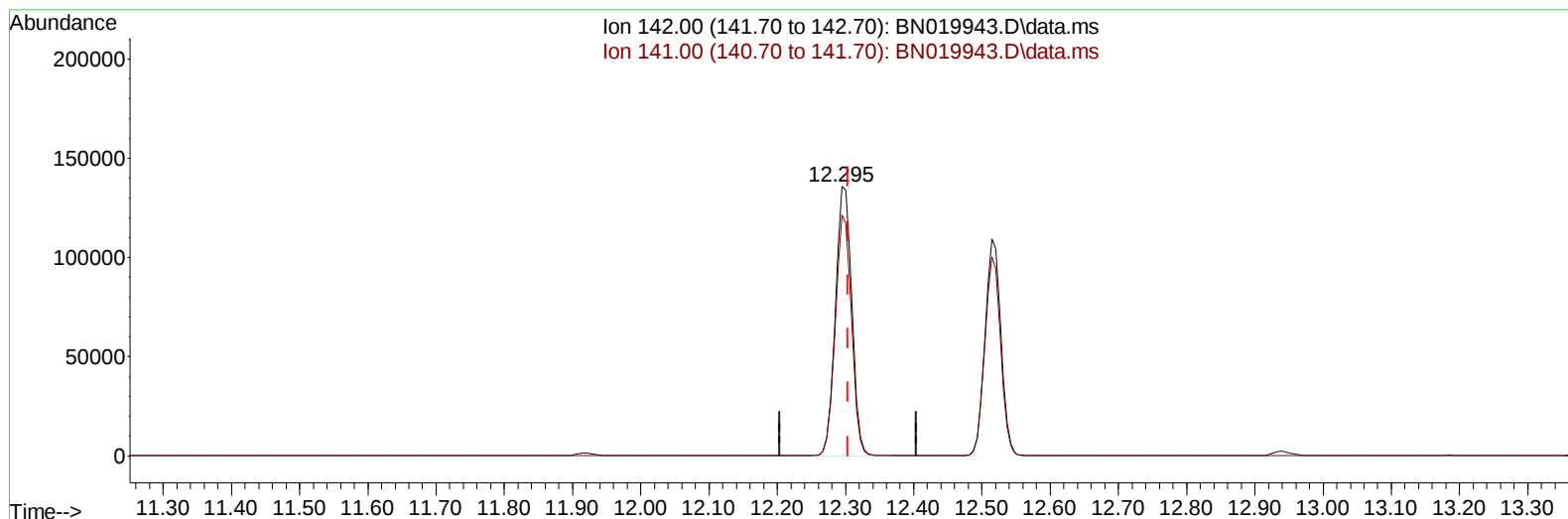
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(7) 2-Methylnaphthalene

12.295min (-0.009) 6.88 ng/ul m

response 225420

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	0.00	71.16#
0.00	0.00	0.00
0.00	0.00	0.00

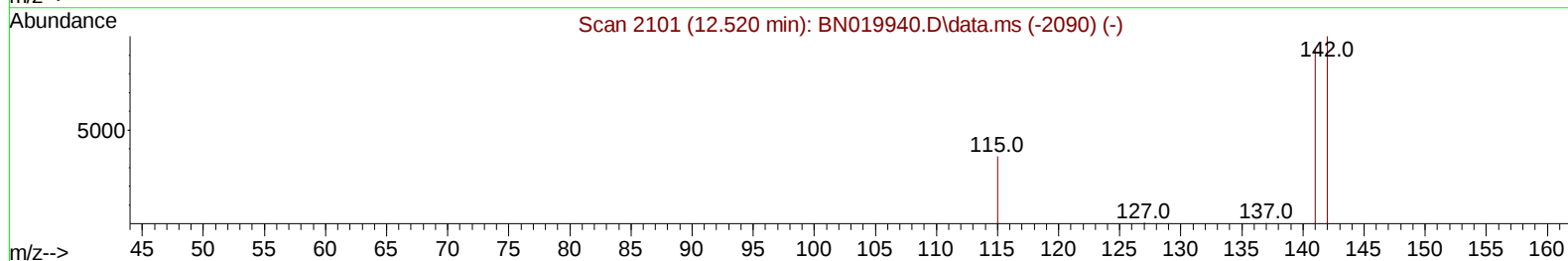
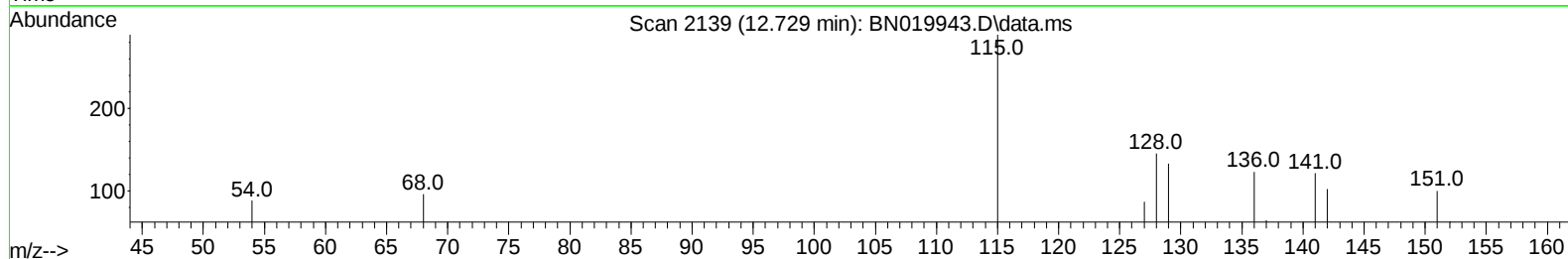
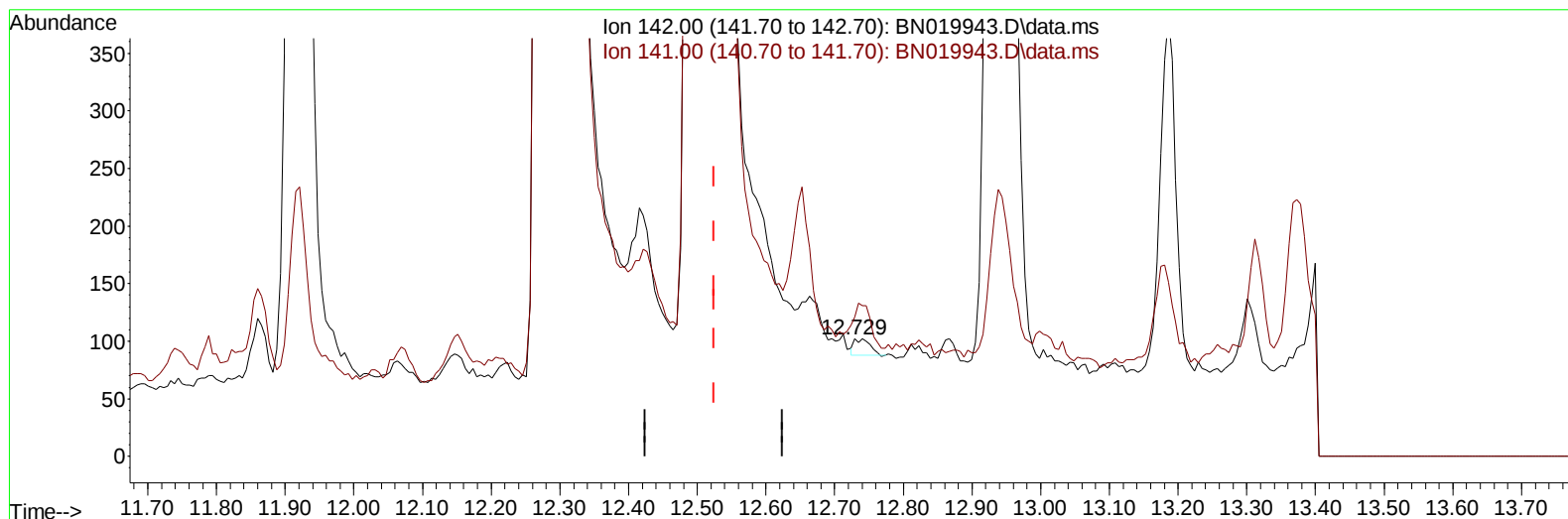
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
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TIC: BN019943.D\data.ms

(8) 1-Methylnaphthalene

12.729min (+ 0.205) 0.00 ng/u1

response 22

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	0.00	322.73#
0.00	0.00	0.00
0.00	0.00	0.00

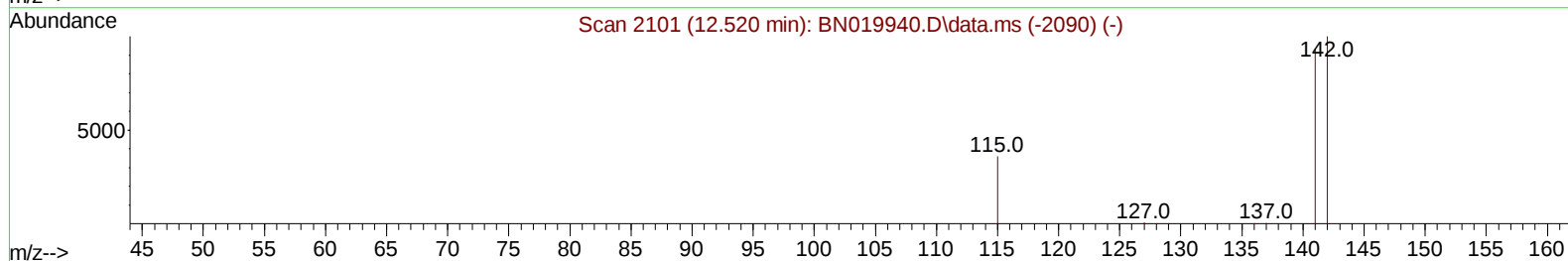
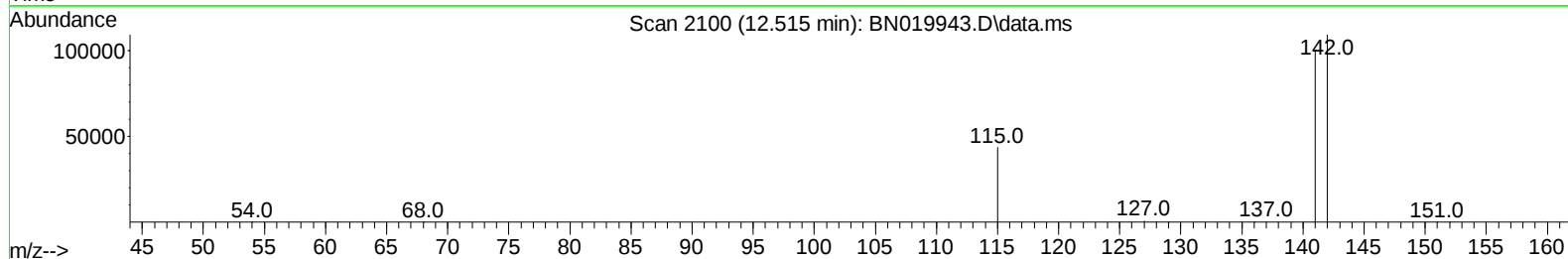
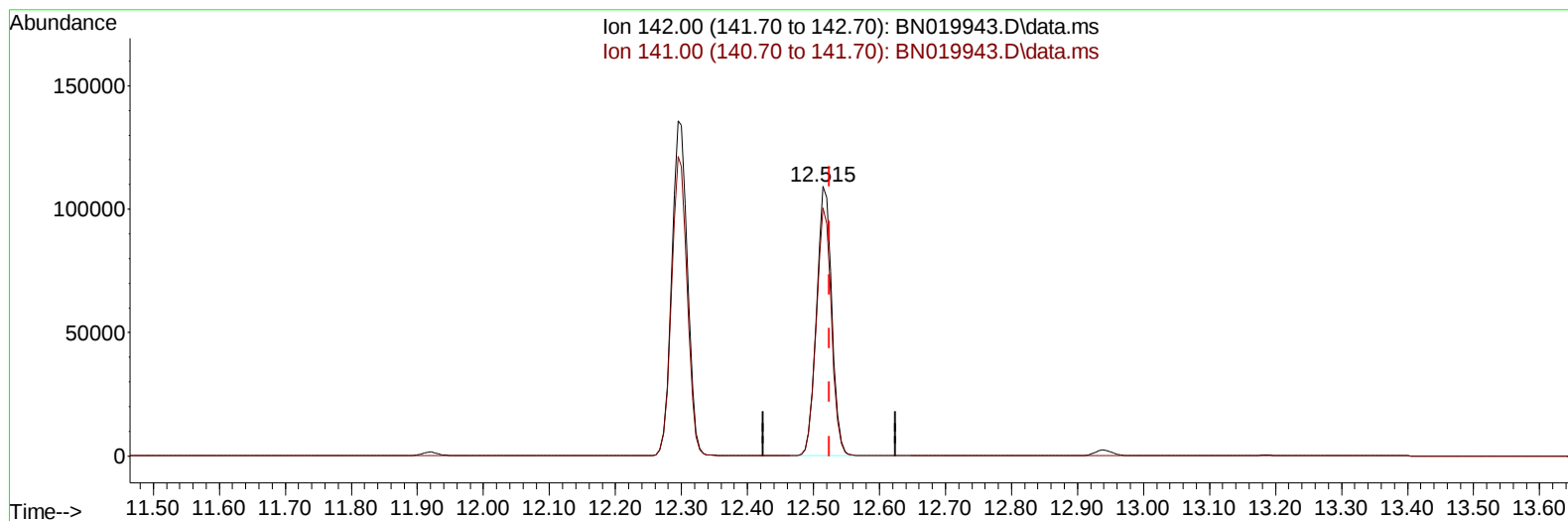
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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TIC: BN019943.D\data.ms

(8) 1-Methylnaphthalene

12.515min (-0.009) 5.79 ng/ul m

response 176409

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	0.00	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

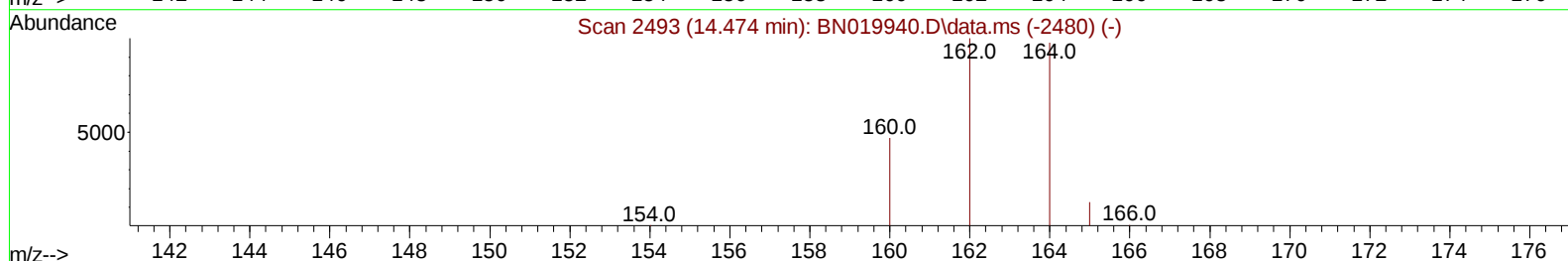
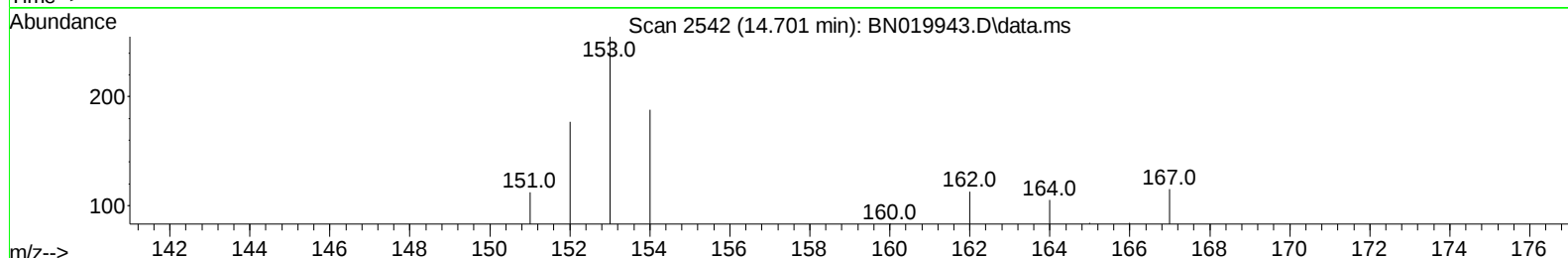
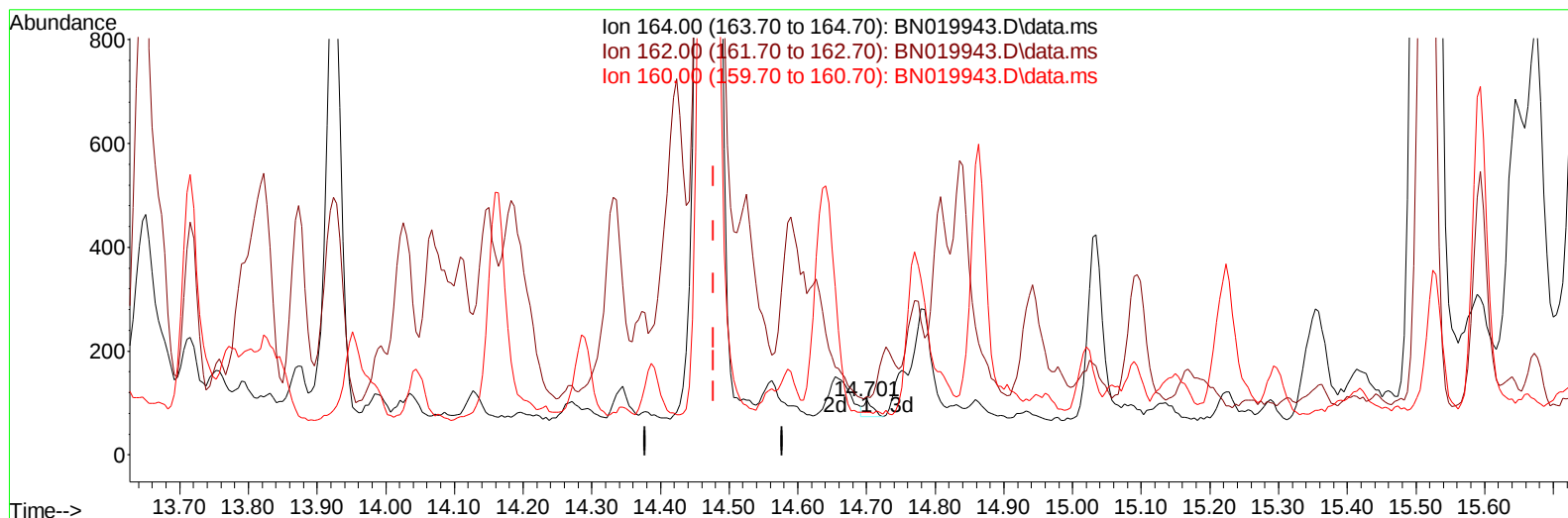
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
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TIC: BN019943.D\data.ms

(9) Acenaphthene-d10 (I)

14.701min (+ 0.224) 0.40 ng/u1

response 28

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	107.62
160.00	47.50	79.05#
0.00	0.00	0.00

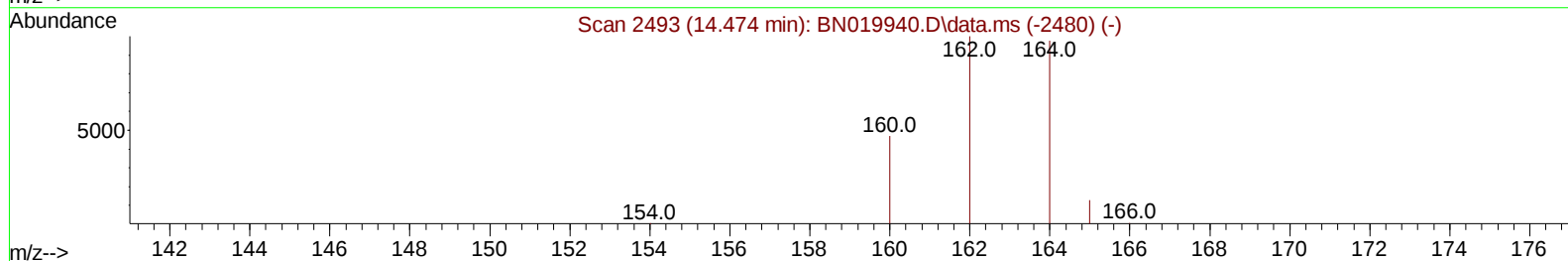
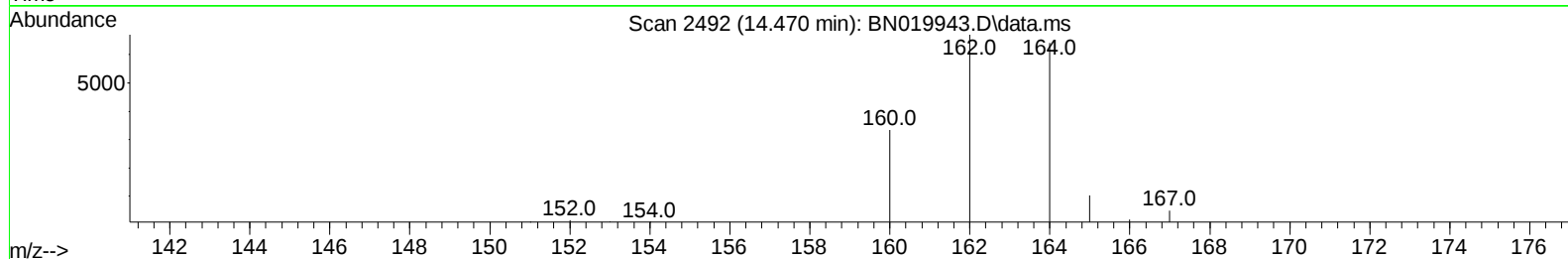
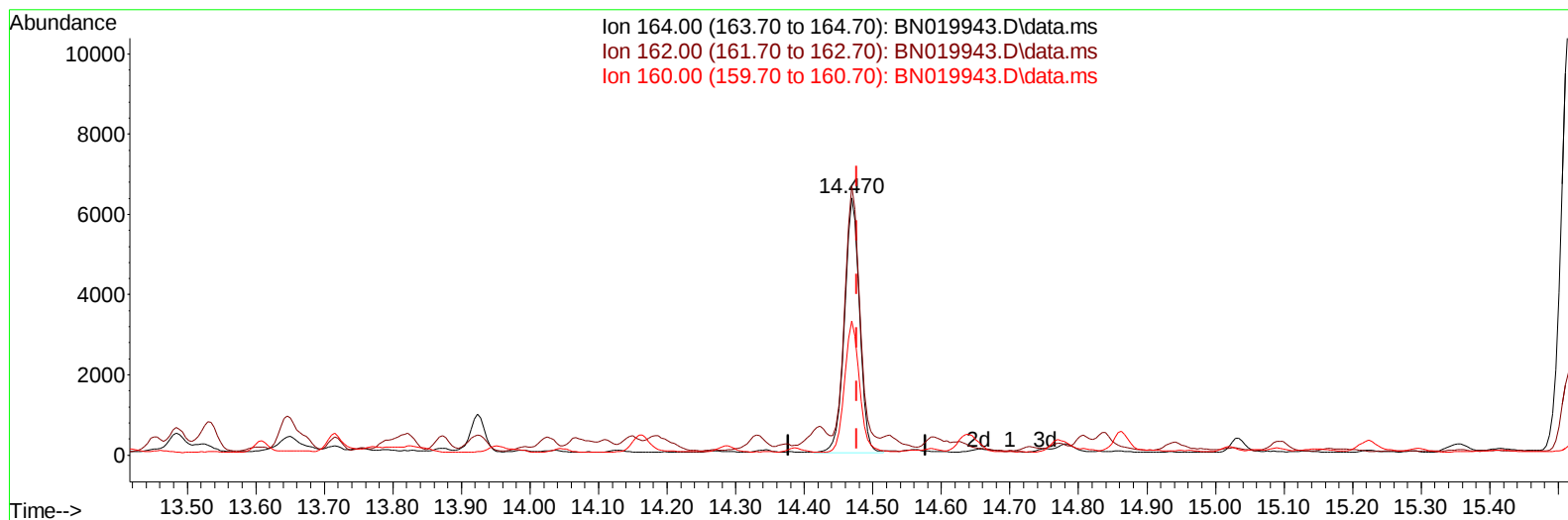
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(9) Acenaphthene-d10 (I)

14.470min (-0.008) 0.40 ng/ul m

response 9720

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.72
160.00	47.50	52.19
0.00	0.00	0.00

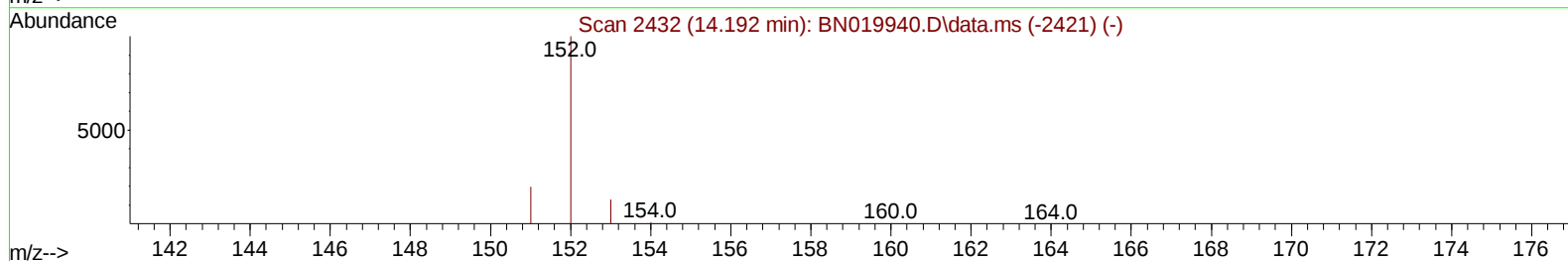
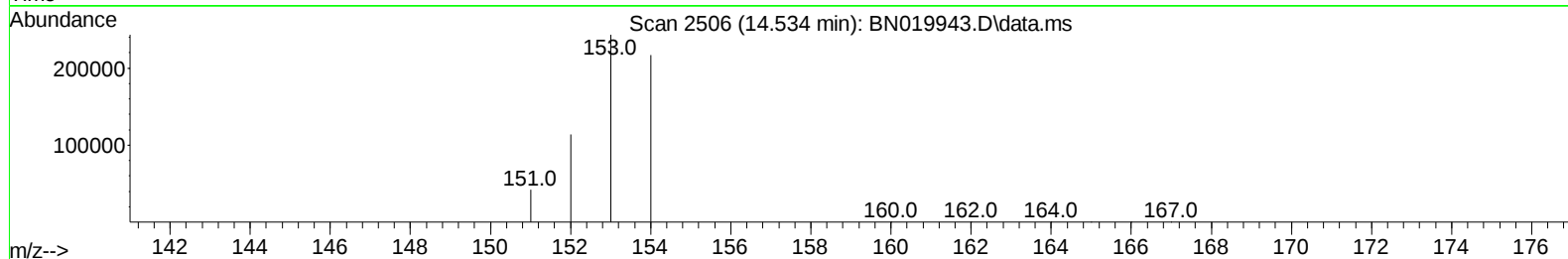
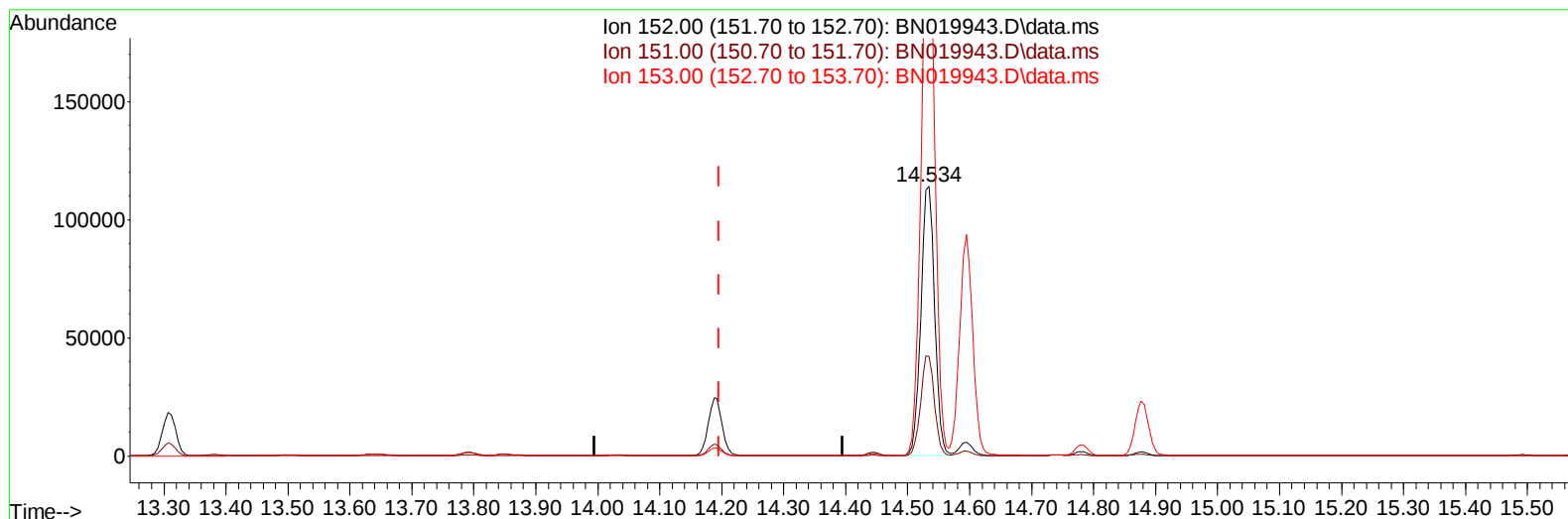
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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TIC: BN019943.D\data.ms

(10) Acenaphthylene

14.534min (+ 0.339) 3.15 ng/u1

response 174345

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	36.93#
153.00	13.90	213.47#
0.00	0.00	0.00

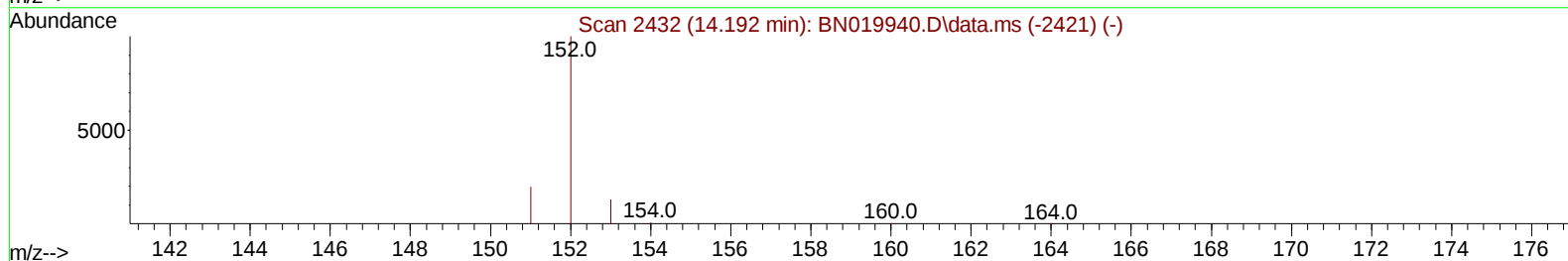
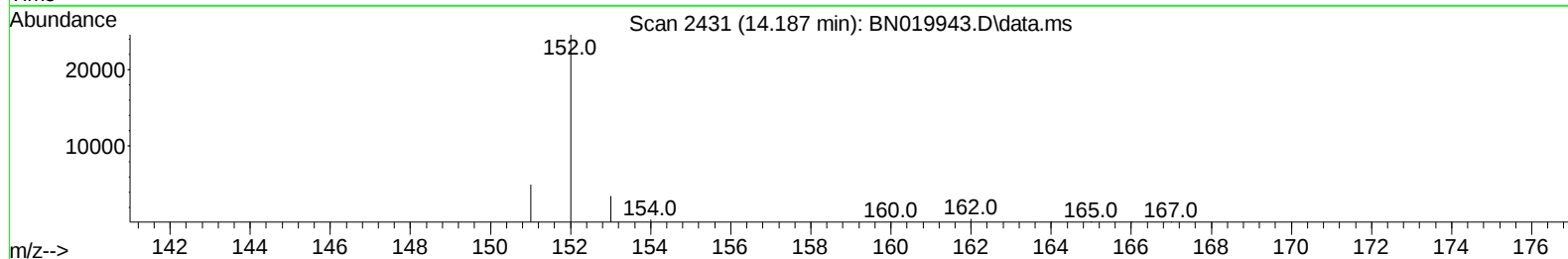
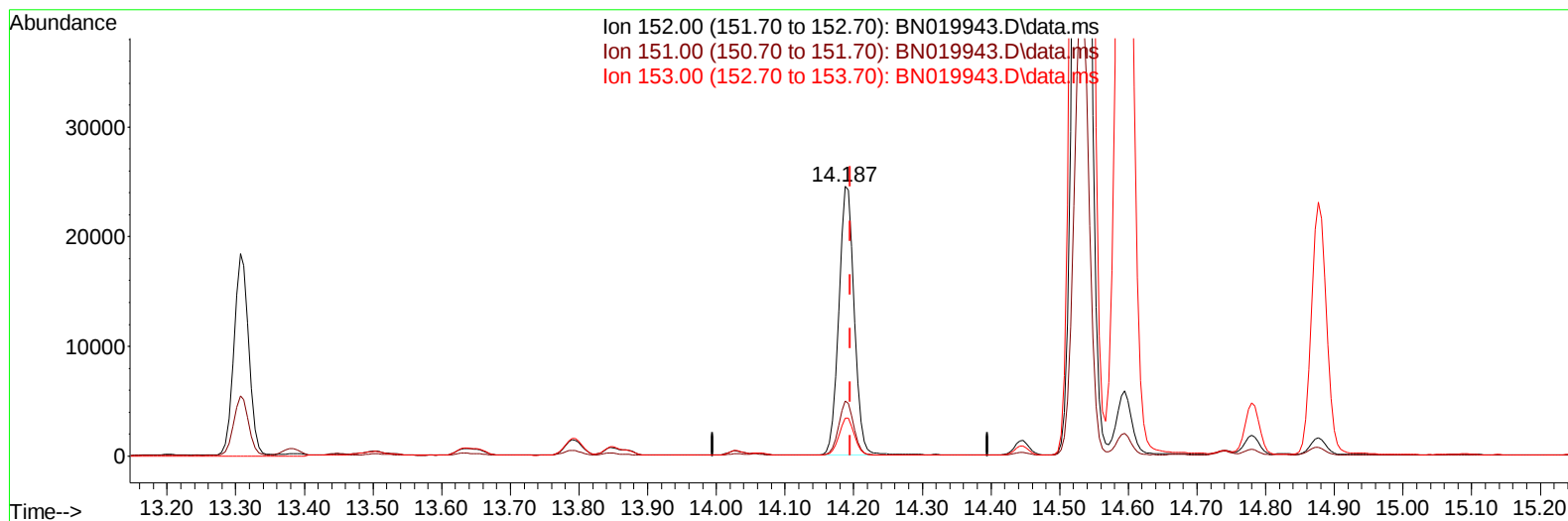
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(10) Acenaphthylene

14.187min (-0.008) 0.69 ng/ul m

response 38134

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	20.35
153.00	13.90	14.02
0.00	0.00	0.00

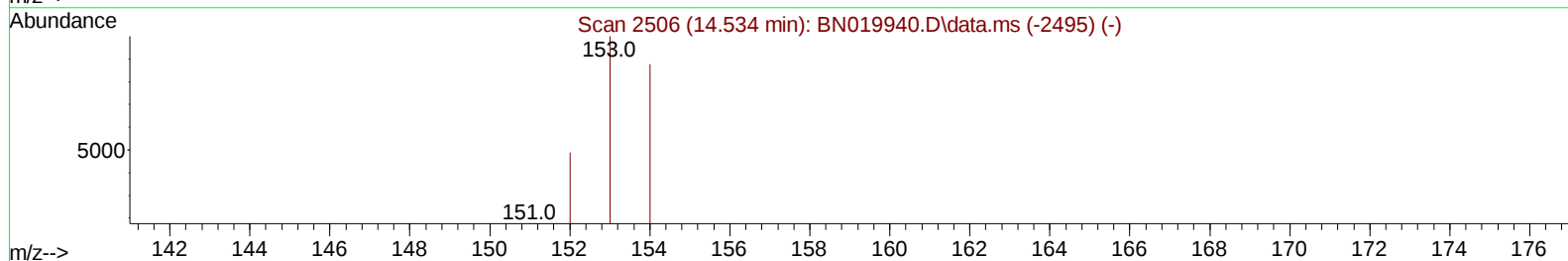
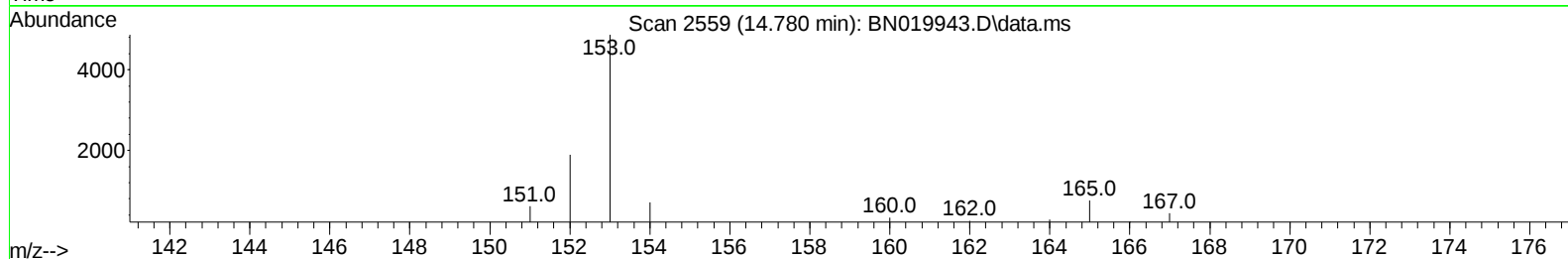
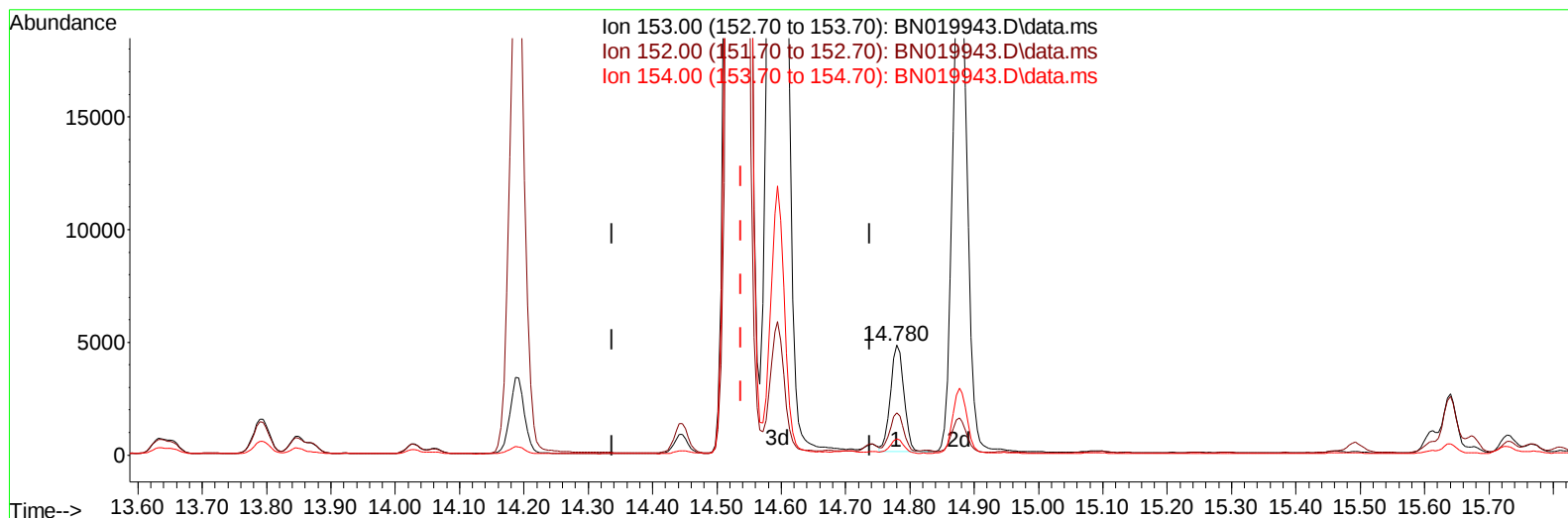
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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TIC: BN019943.D\data.ms

(11) Acenaphthene (C)

14.780min (+ 0.242) 0.18 ng/u1

response 6915

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	48.20	38.73
154.00	89.00	14.60#
0.00	0.00	0.00

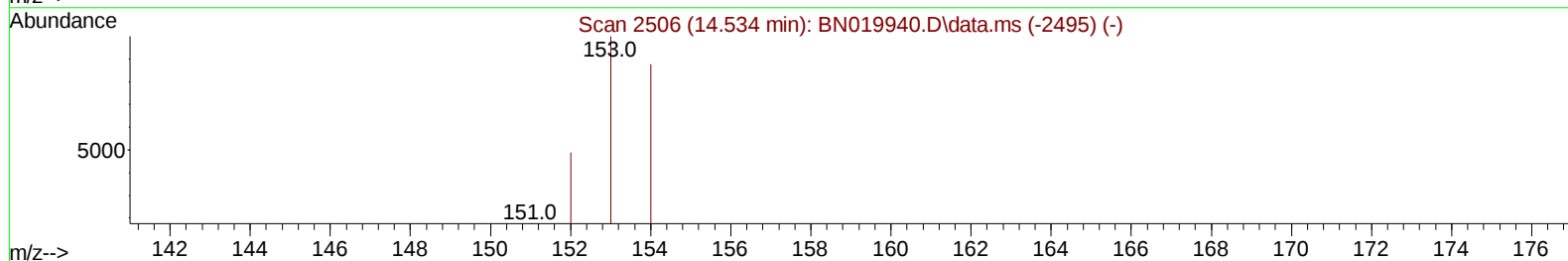
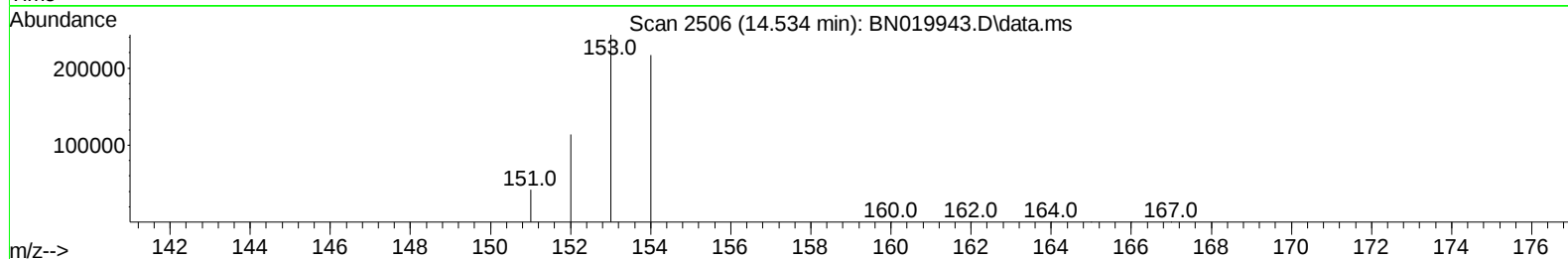
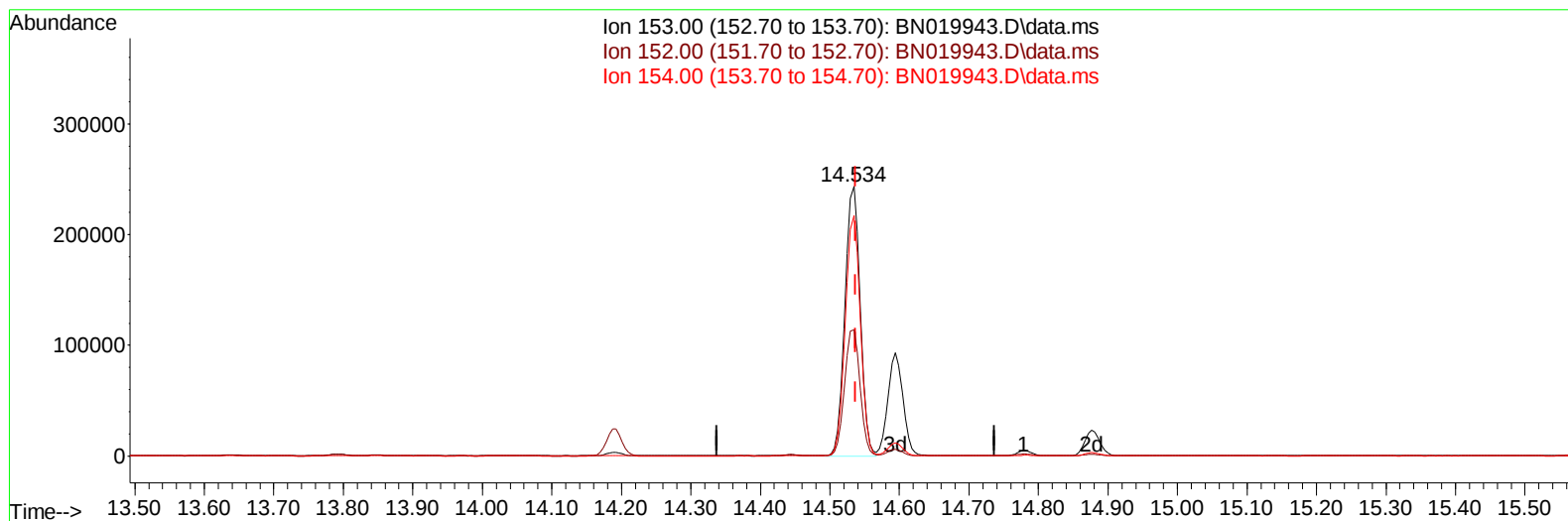
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(11) Acenaphthene (C)

14.534min (-0.003) 9.70 ng/u1 m

response 364155

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	48.20	46.85
154.00	89.00	89.20
0.00	0.00	0.00

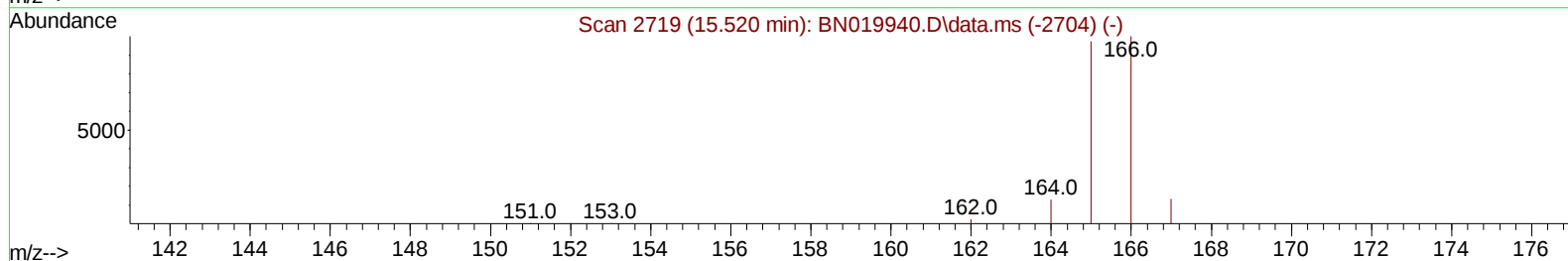
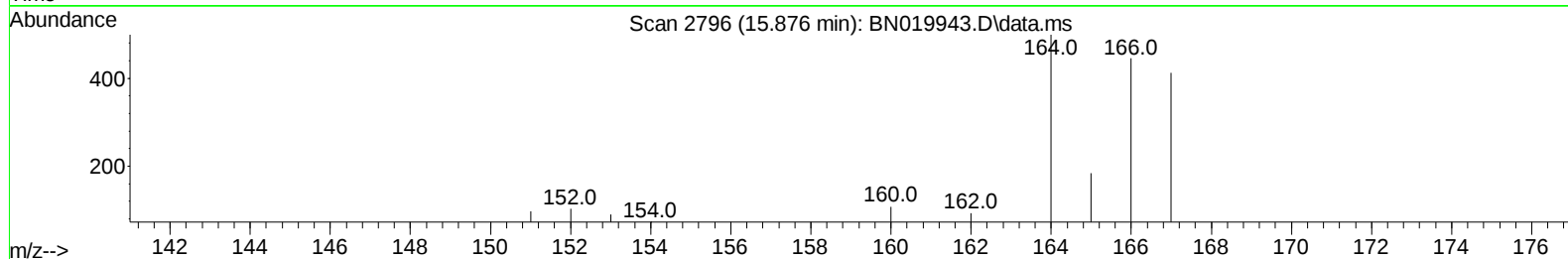
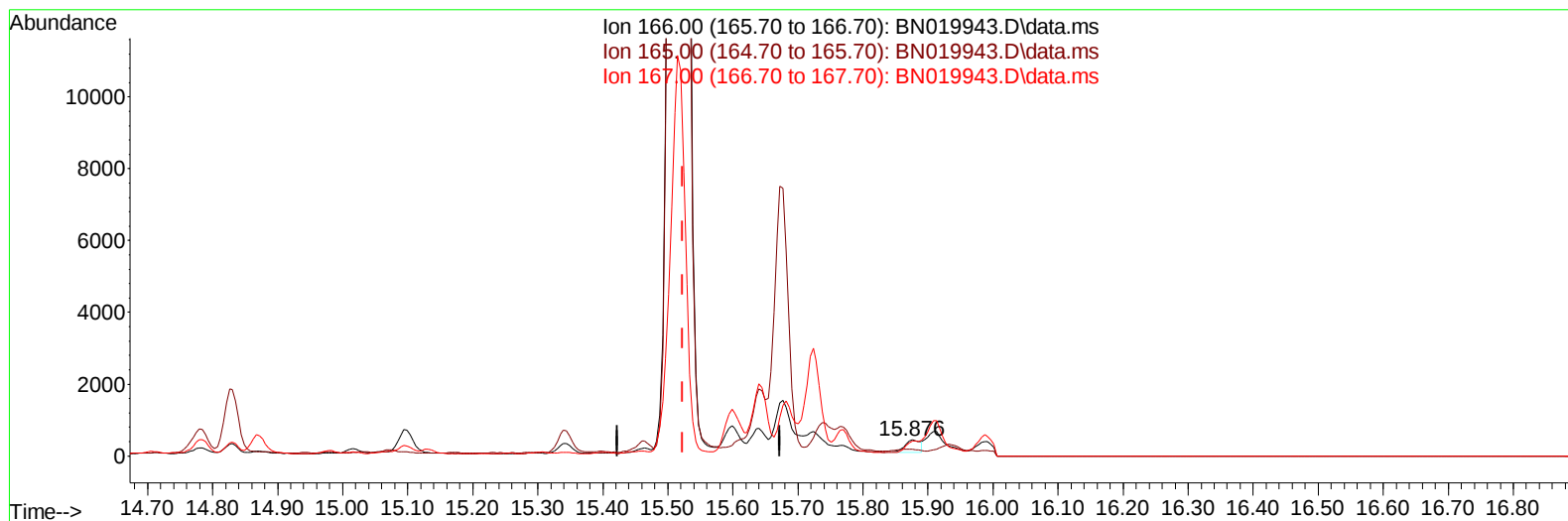
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

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TIC: BN019943.D\data.ms

(12) Fluorene

15.876min (+ 0.353) 0.01 ng/u1

response 585

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.70	41.35#
167.00	14.10	92.81#
0.00	0.00	0.00

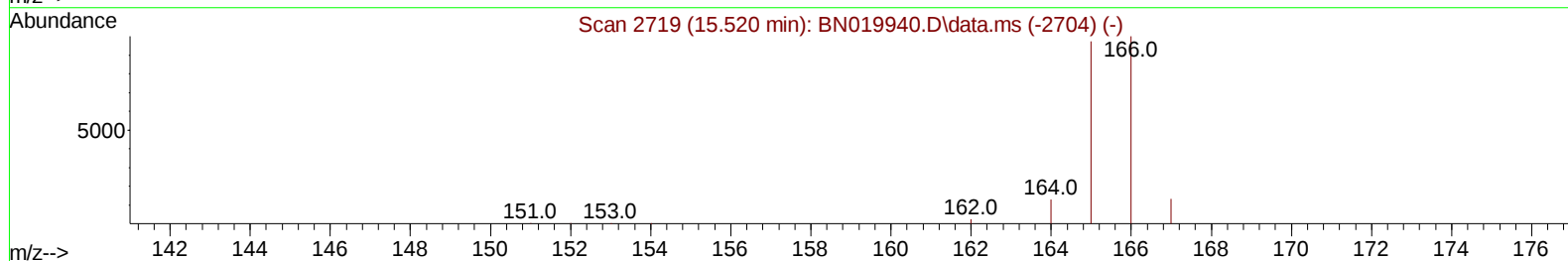
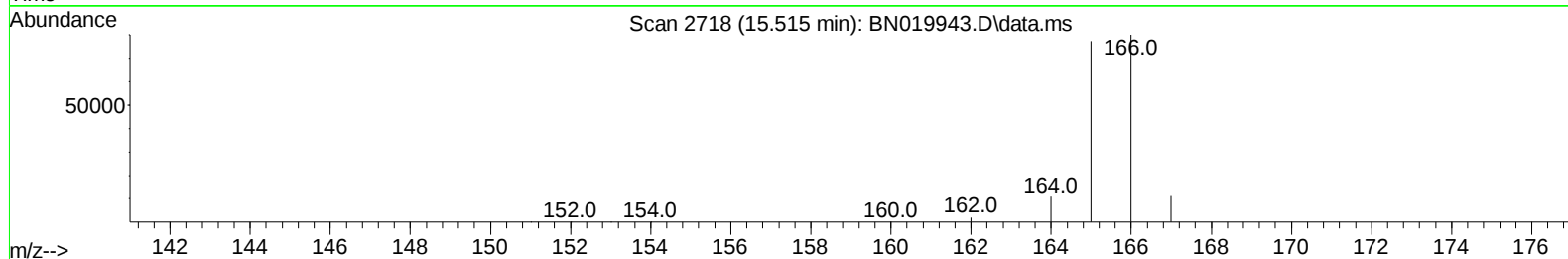
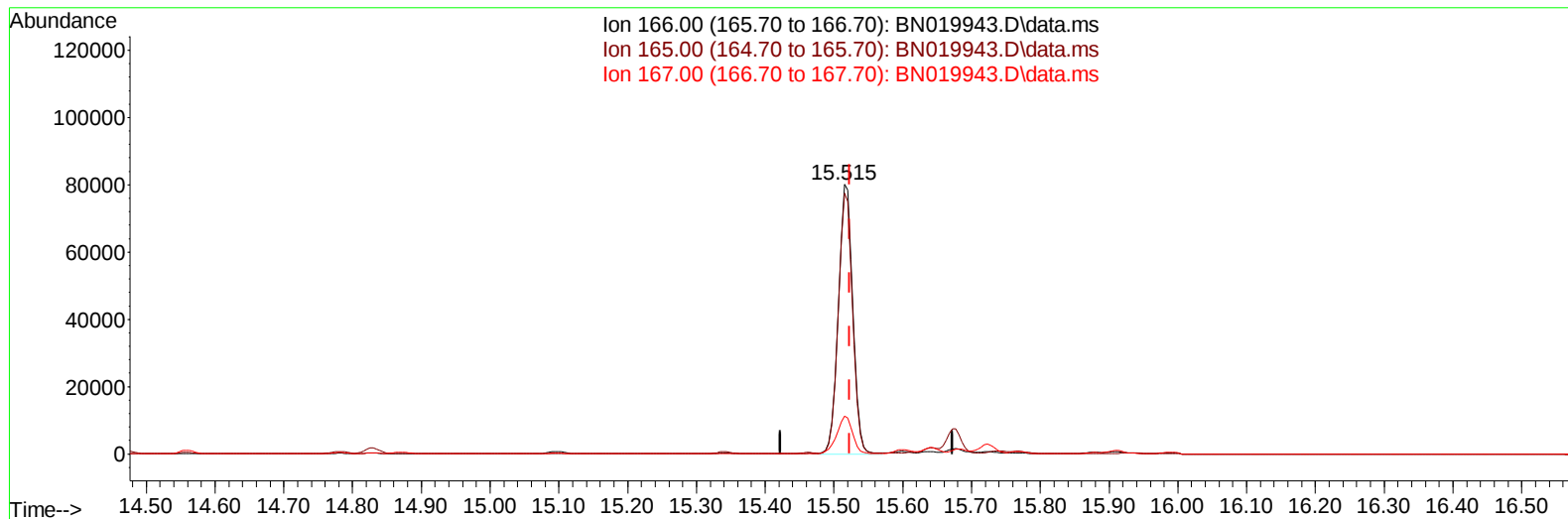
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(12) Fluorene

15.515min (-0.008) 2.79 ng/ul m

response 116930

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.70	96.76
167.00	14.10	13.94
0.00	0.00	0.00

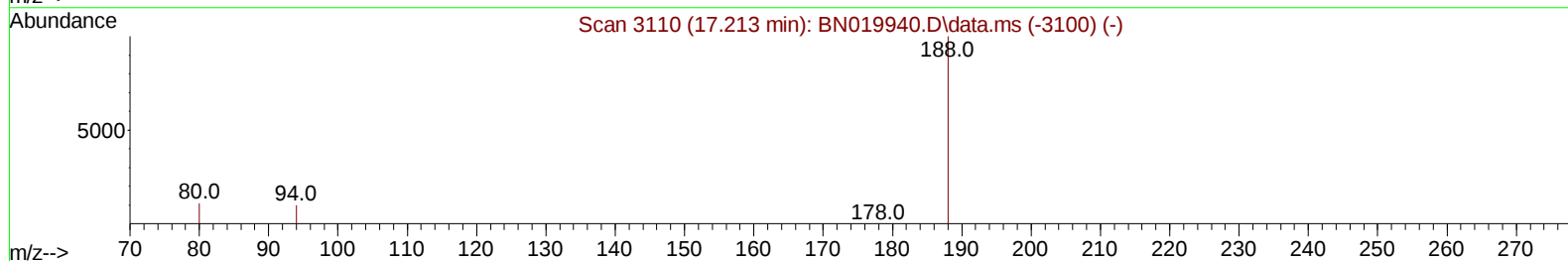
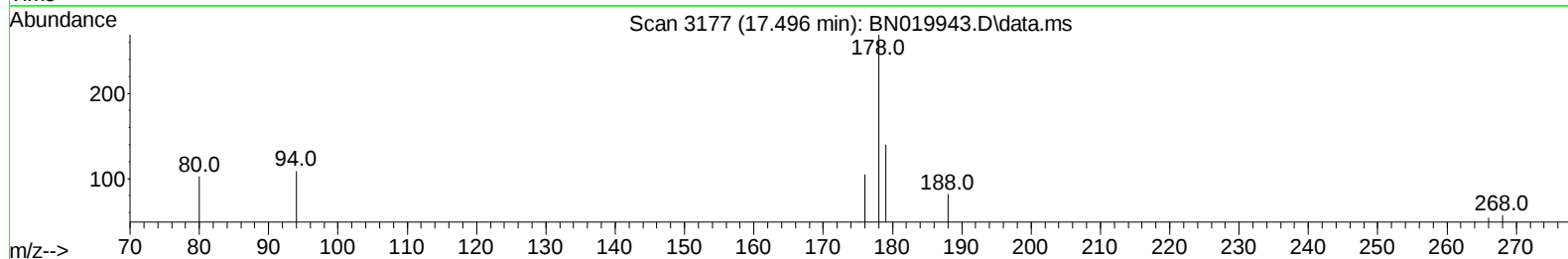
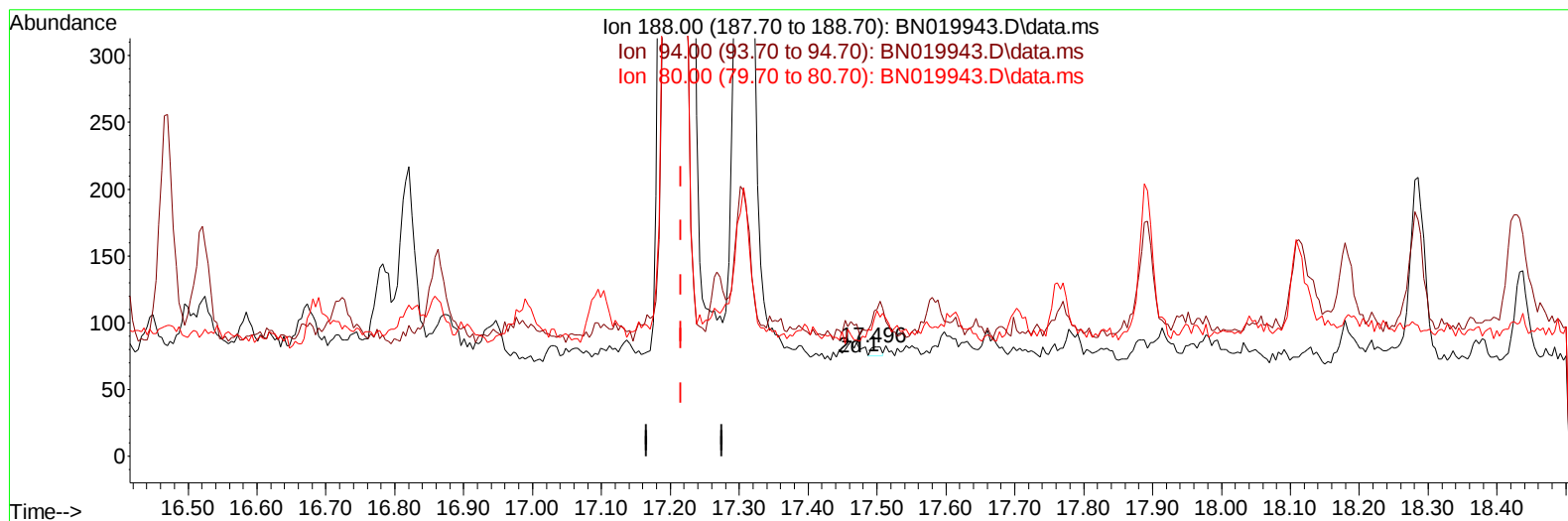
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(13) Phenanthrene-d10 (I)

17.496min (+ 0.280) 0.40 ng/u1

response 7

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.20	132.93#
80.00	13.80	125.61#
0.00	0.00	0.00

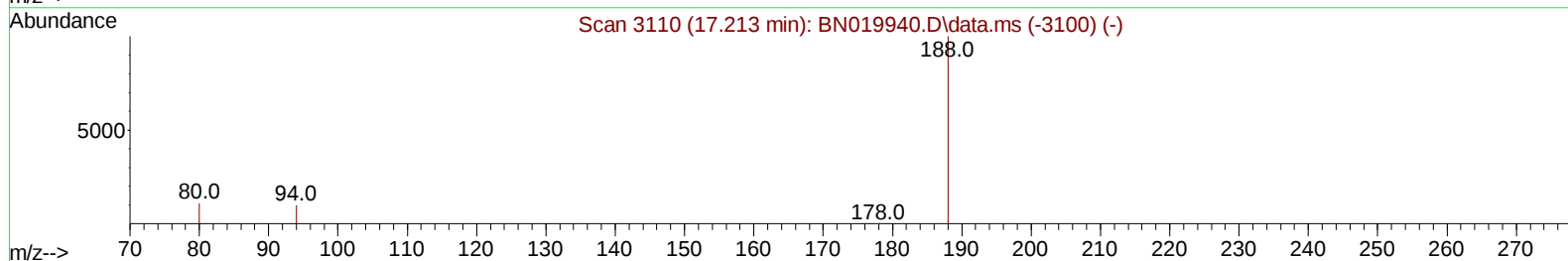
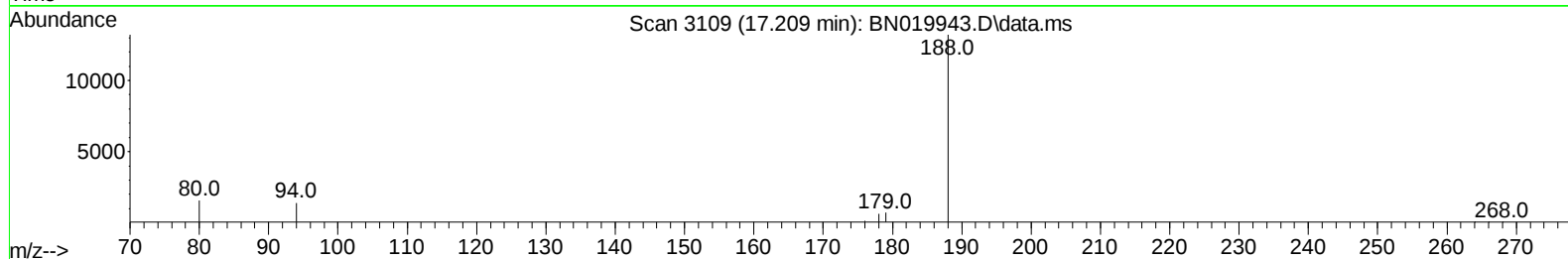
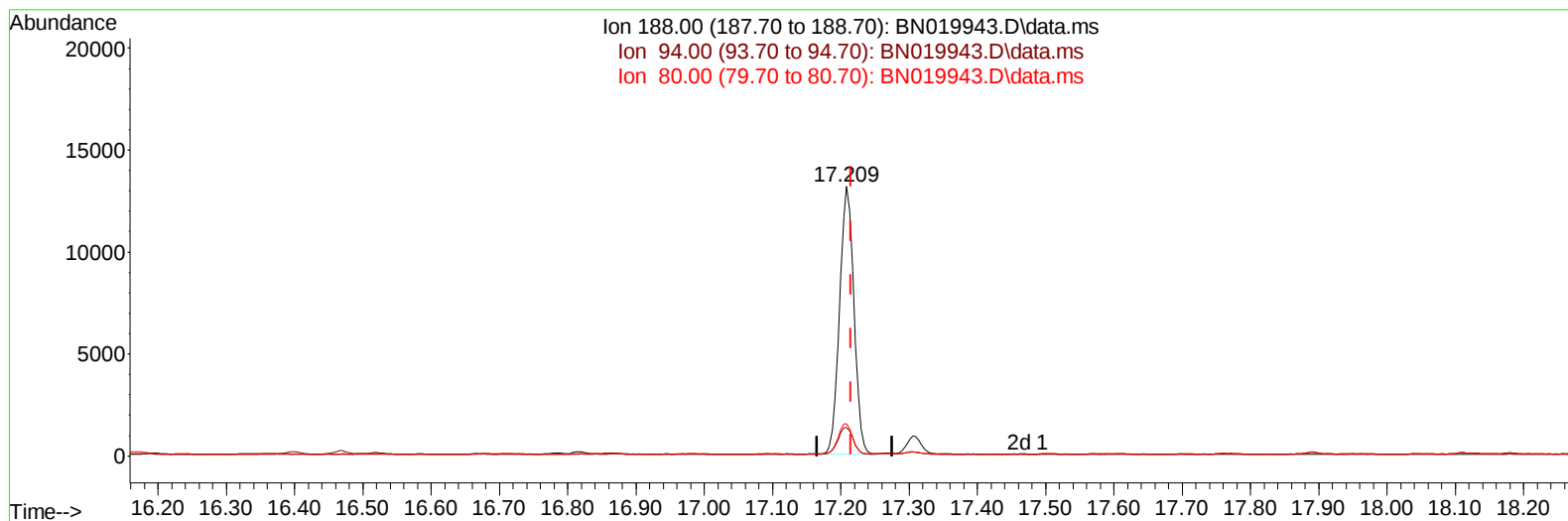
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(13) Phenanthrene-d10 (I)

17.209min (-0.007) 0.40 ng/ul m

response 19116

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.20	10.51
80.00	13.80	11.94
0.00	0.00	0.00

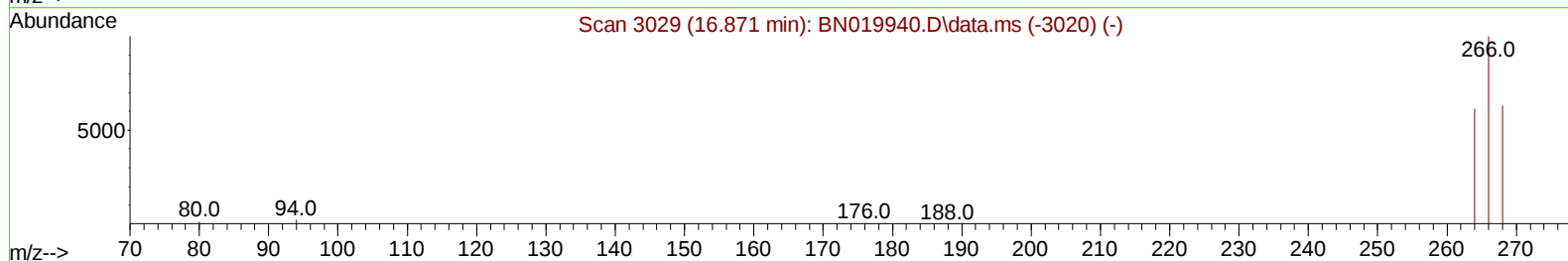
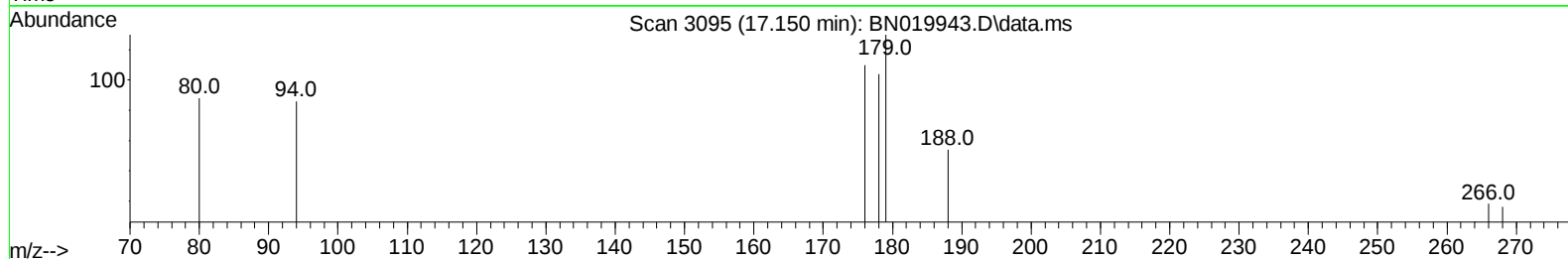
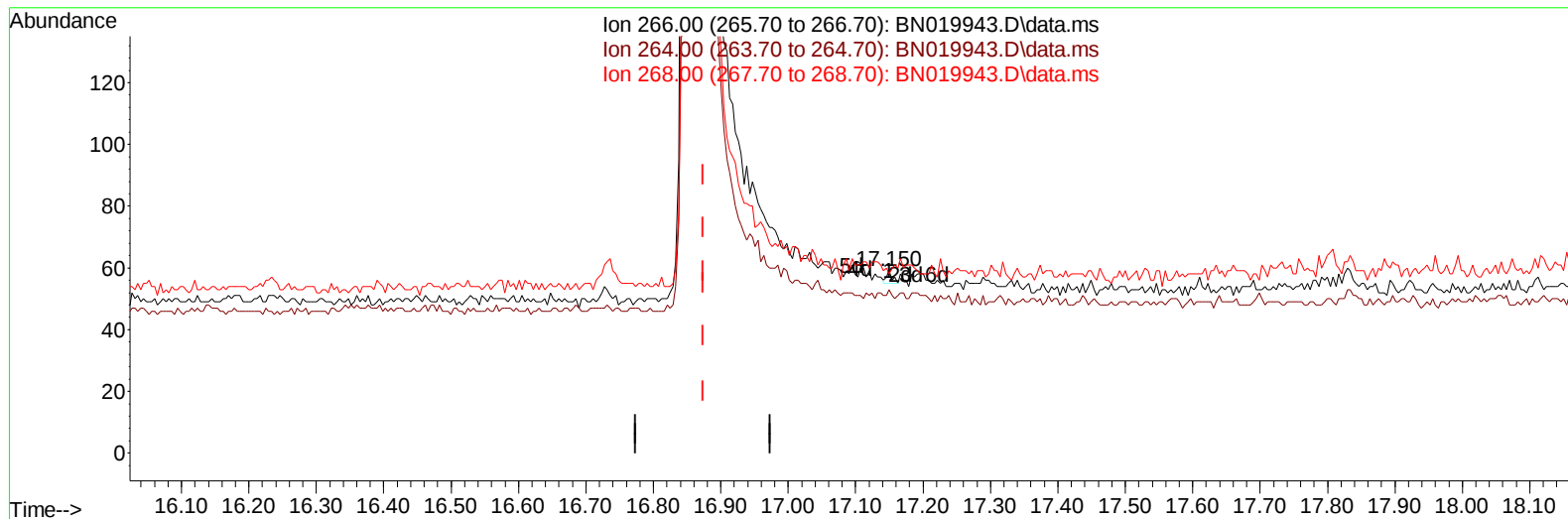
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(14) Pentachlorophenol

17.150min (+ 0.276) 0.00 ng/u1

response 2

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	56.10	0.00#
268.00	55.80	0.00#
0.00	0.00	0.00

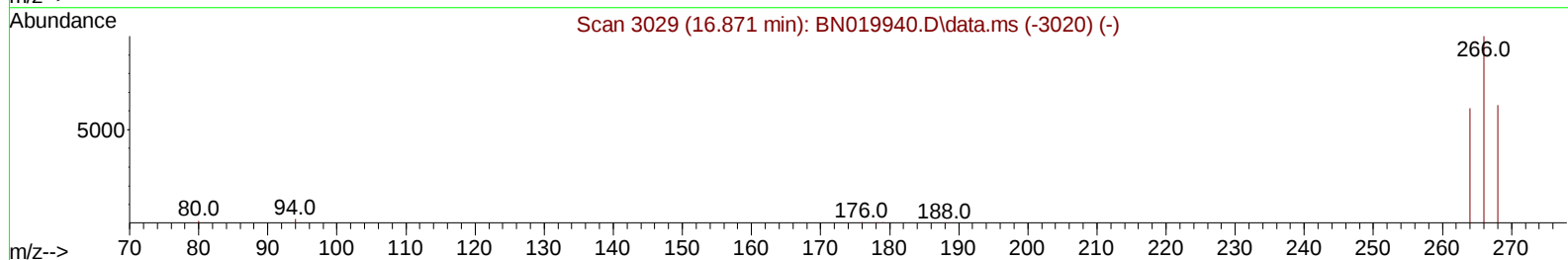
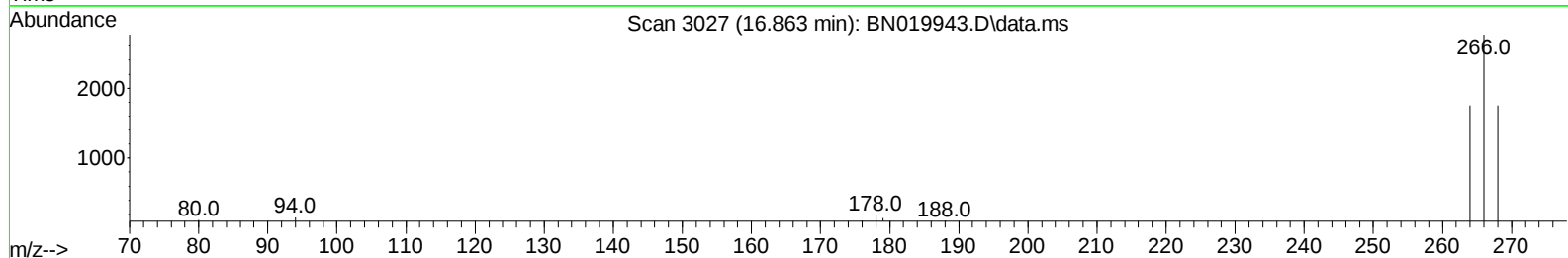
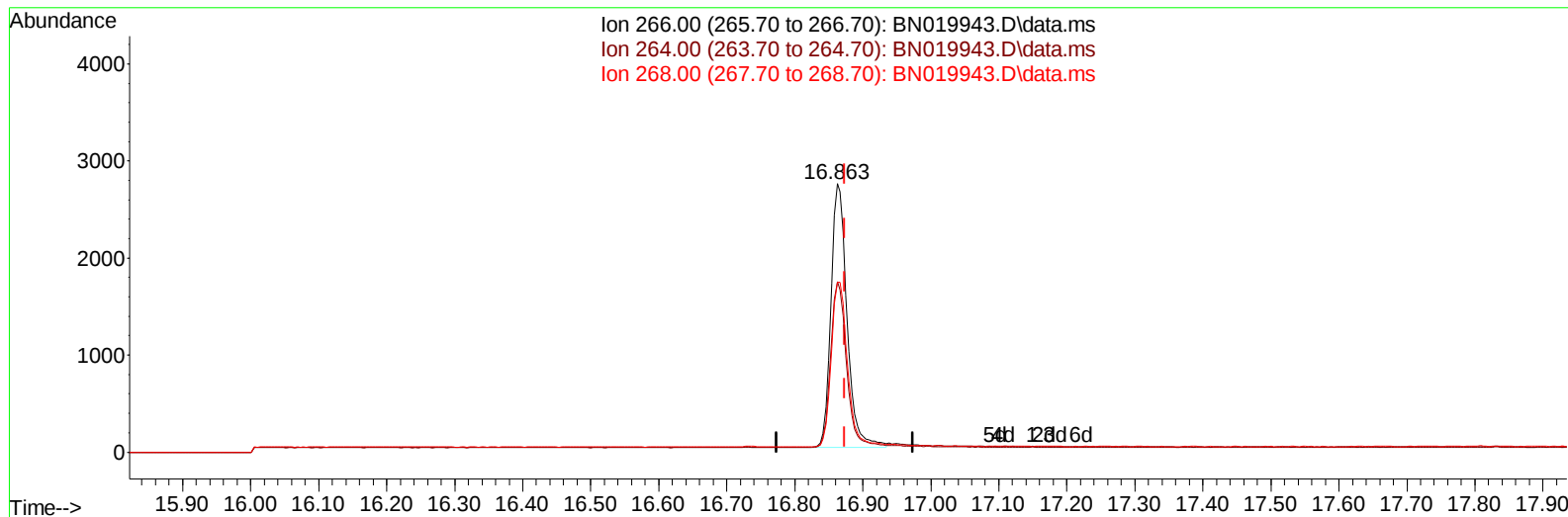
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(14) Pentachlorophenol

16.863min (-0.011) 1.40 ng/ul m

response 4472

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	56.10	0.00#
268.00	55.80	0.00#
0.00	0.00	0.00

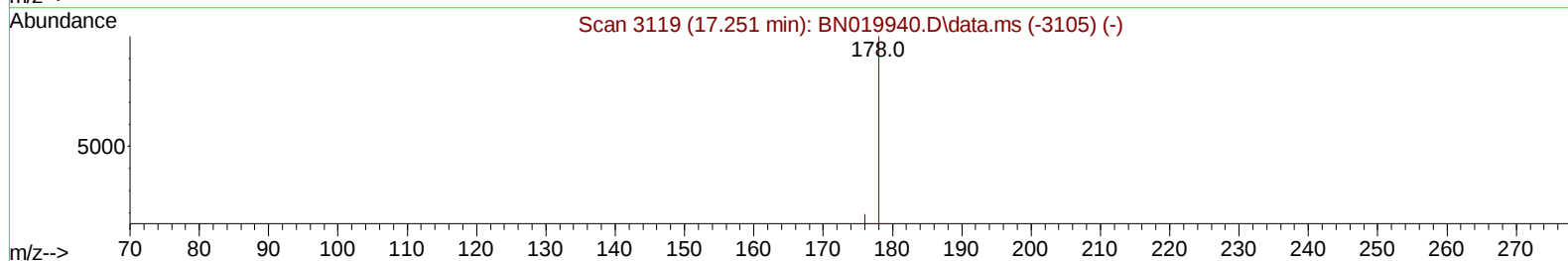
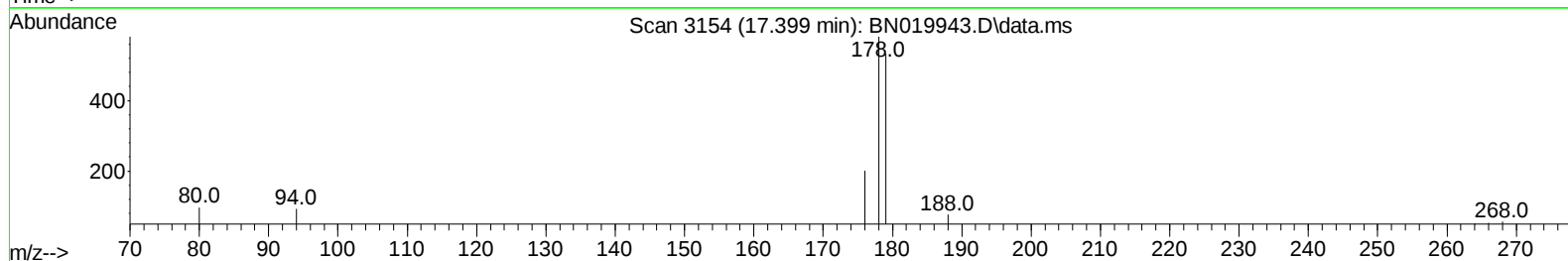
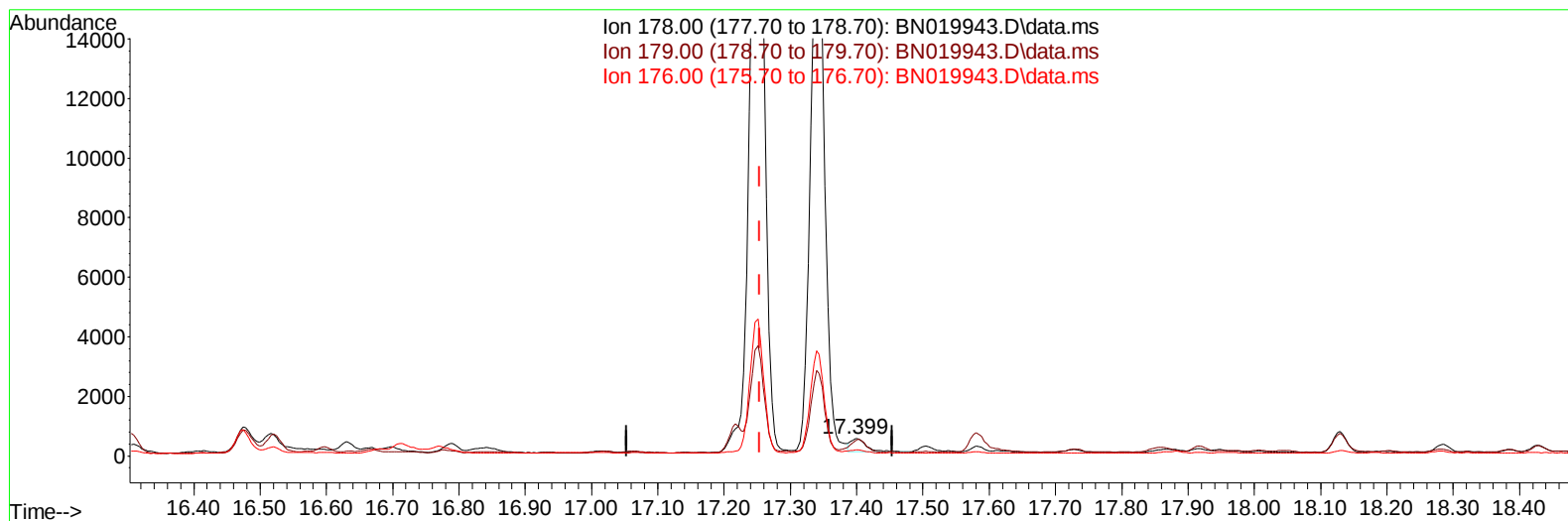
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(15) Phenanthrene

17.399min (+ 0.145) 0.01 ng/u1

response 718

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	91.74#
176.00	19.40	34.77#
0.00	0.00	0.00

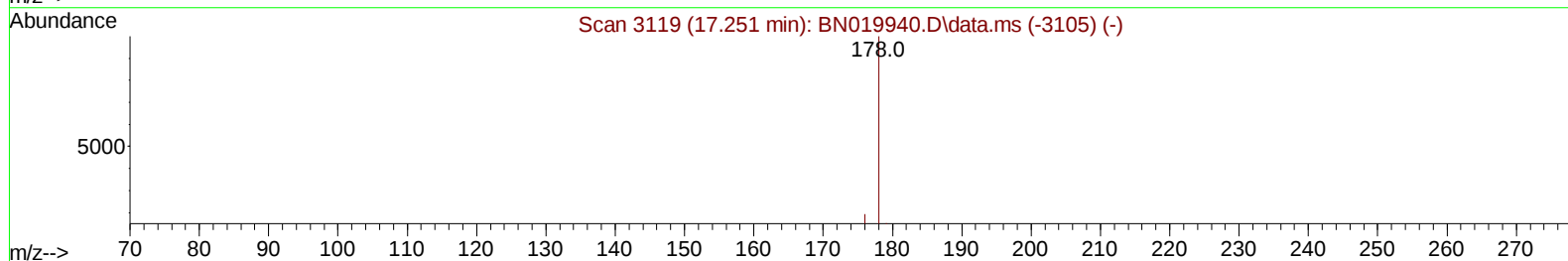
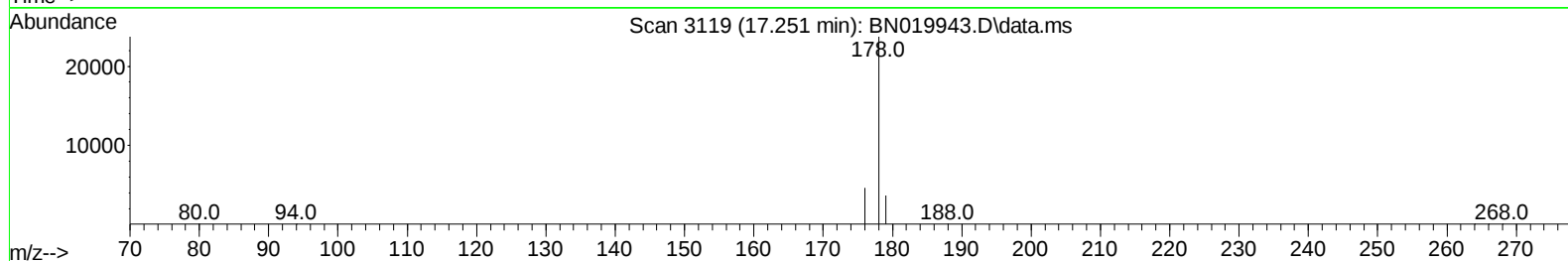
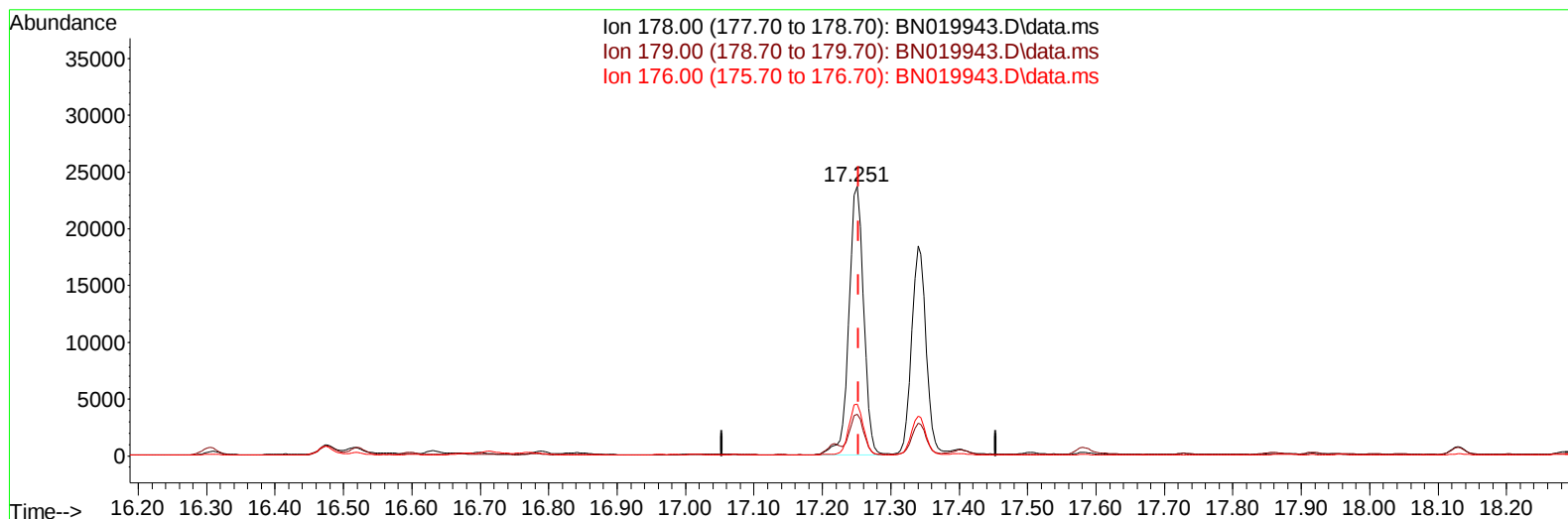
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(15) Phenanthrene

17.251min (-0.003) 0.52 ng/ul m

response 35257

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	15.55
176.00	19.40	19.35
0.00	0.00	0.00

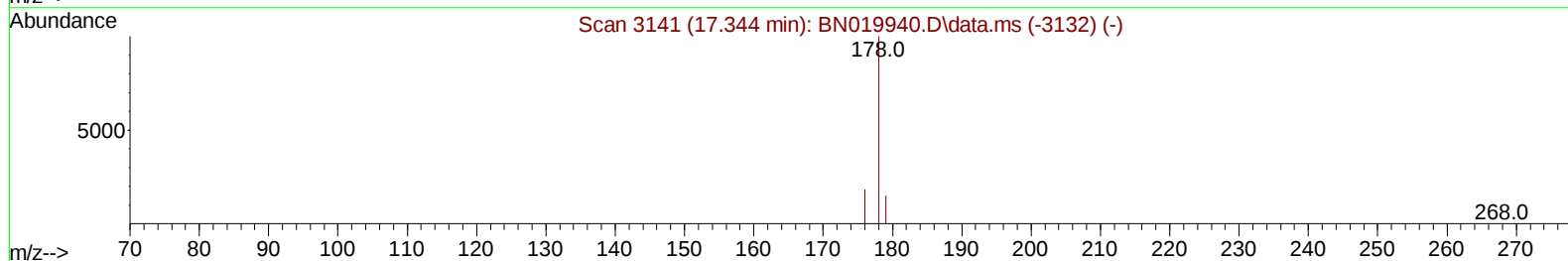
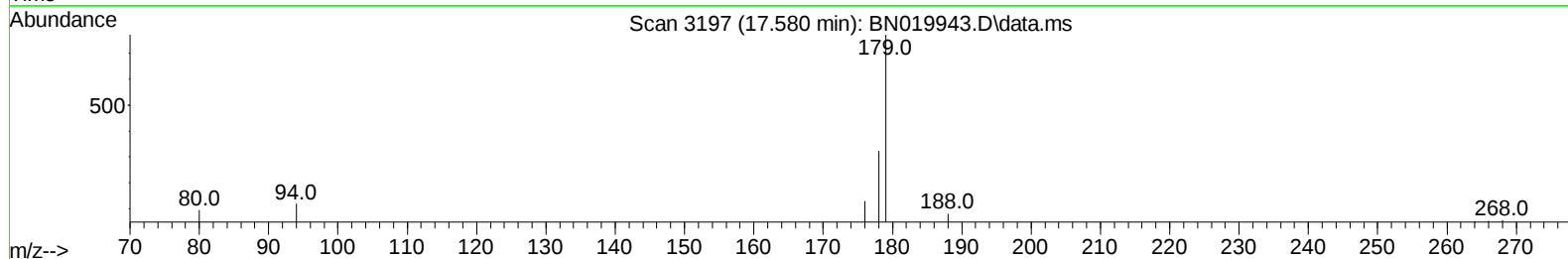
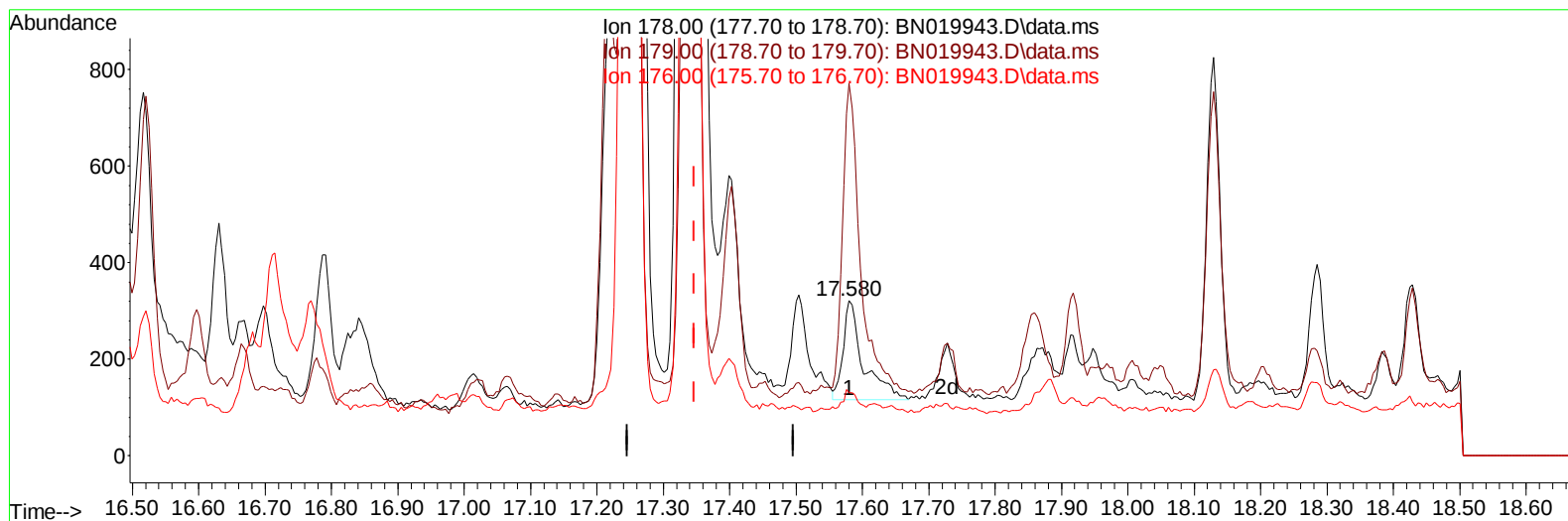
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(16) Anthracene

17.580min (+ 0.234) 0.01 ng/u1

response 433

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	239.44#
176.00	19.10	40.68#
0.00	0.00	0.00

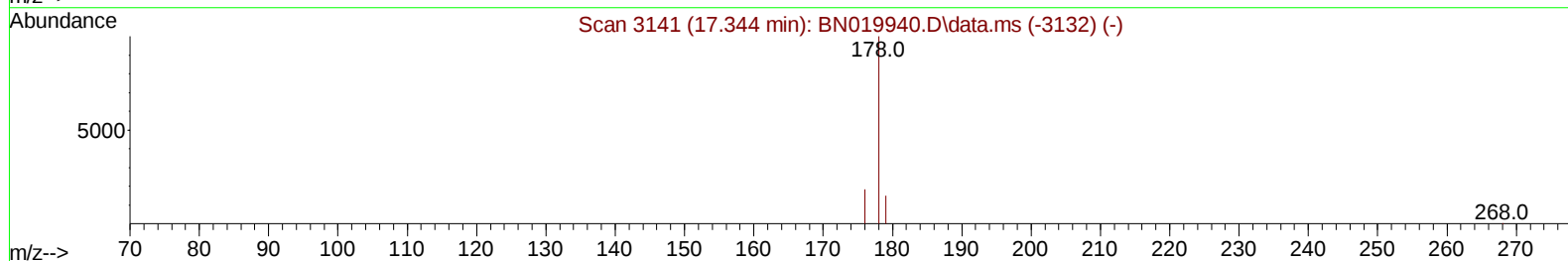
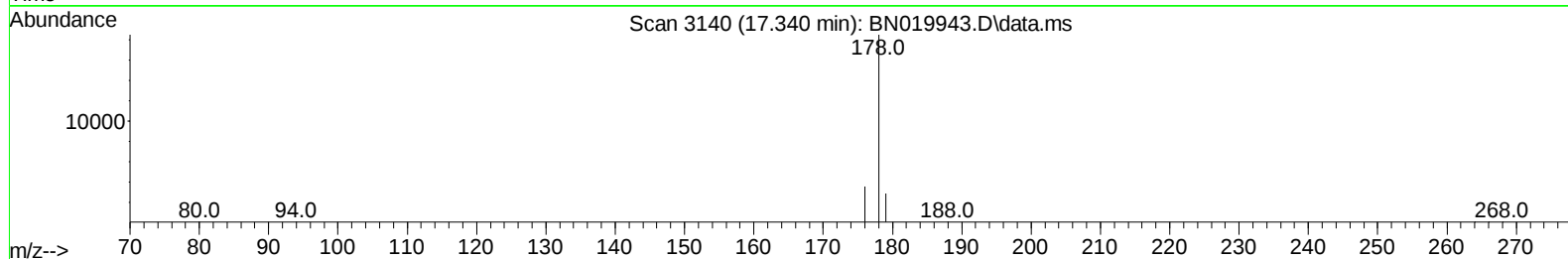
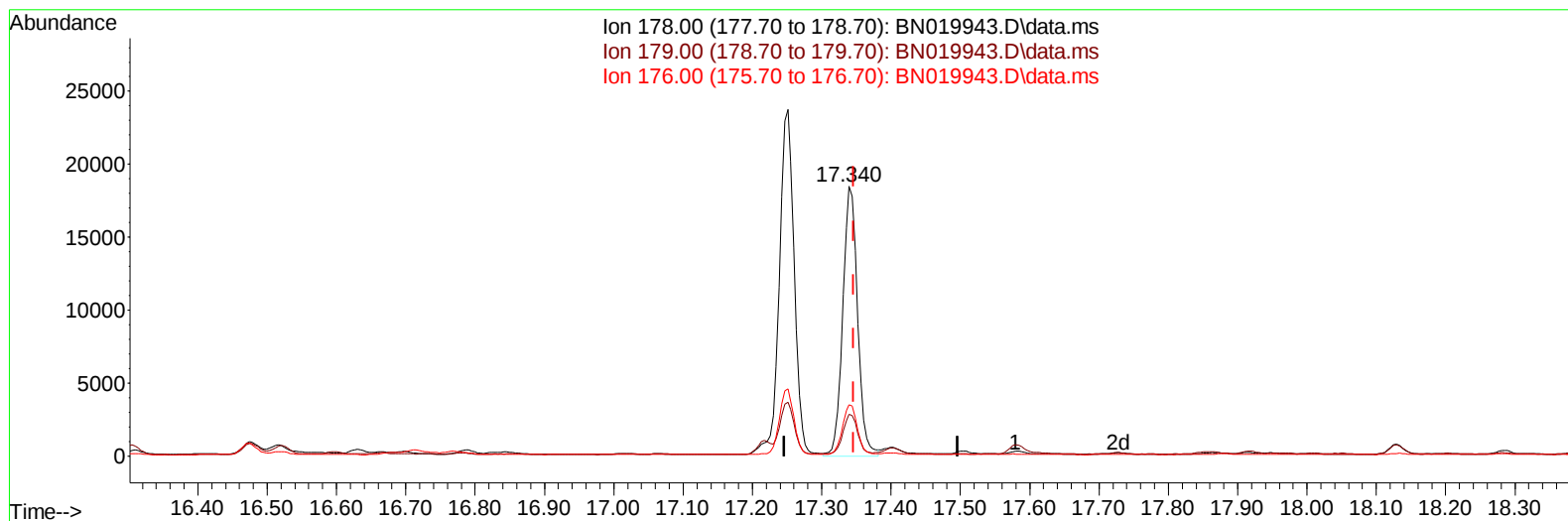
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(16) Anthracene

17.340min (-0.007) 0.44 ng/ul m

response 27469

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	15.51
176.00	19.10	19.08
0.00	0.00	0.00

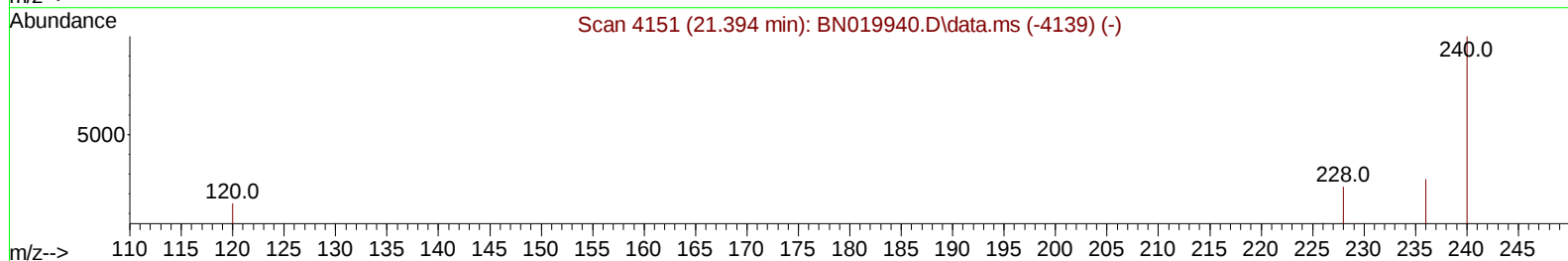
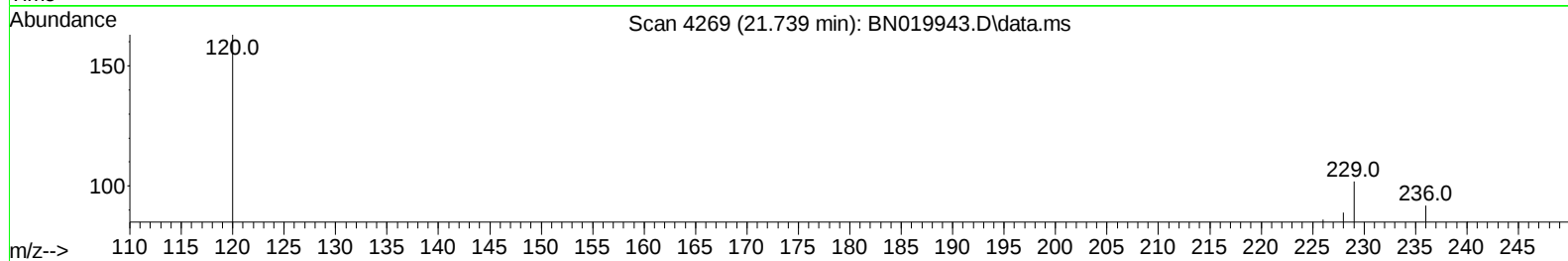
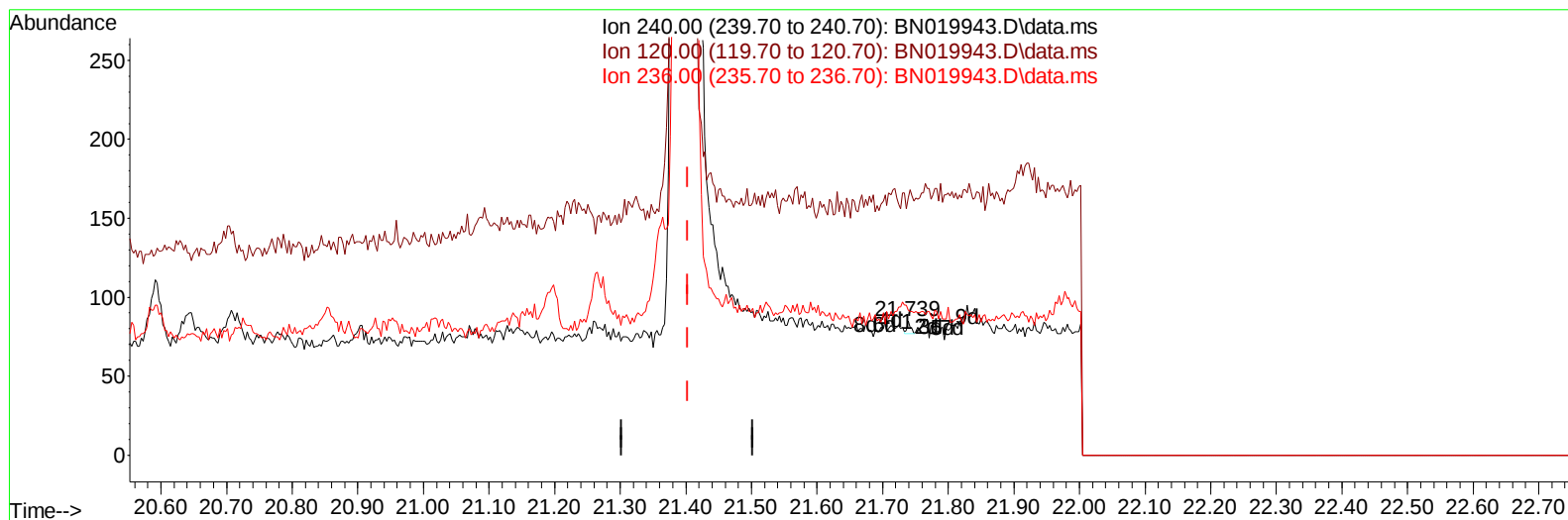
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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 QLast Update : Mon May 23 14:58:28 2022
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TIC: BN019943.D\data.ms

(17) Chrysene-d12

21.739min (+ 0.336) 0.40 ng/u1

response 3

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	17.40	191.76#
236.00	28.80	108.24#
0.00	0.00	0.00

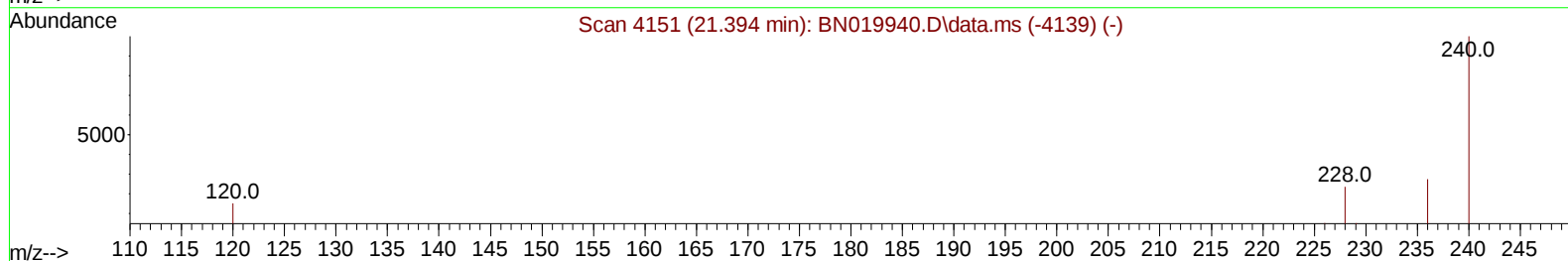
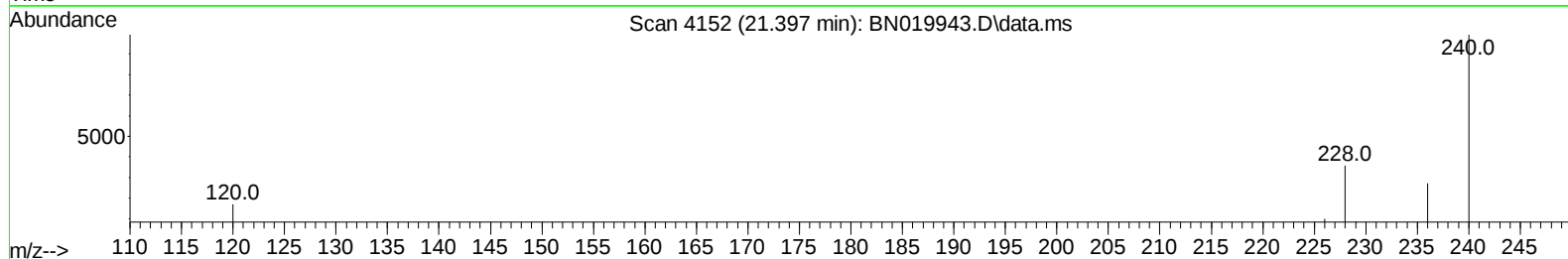
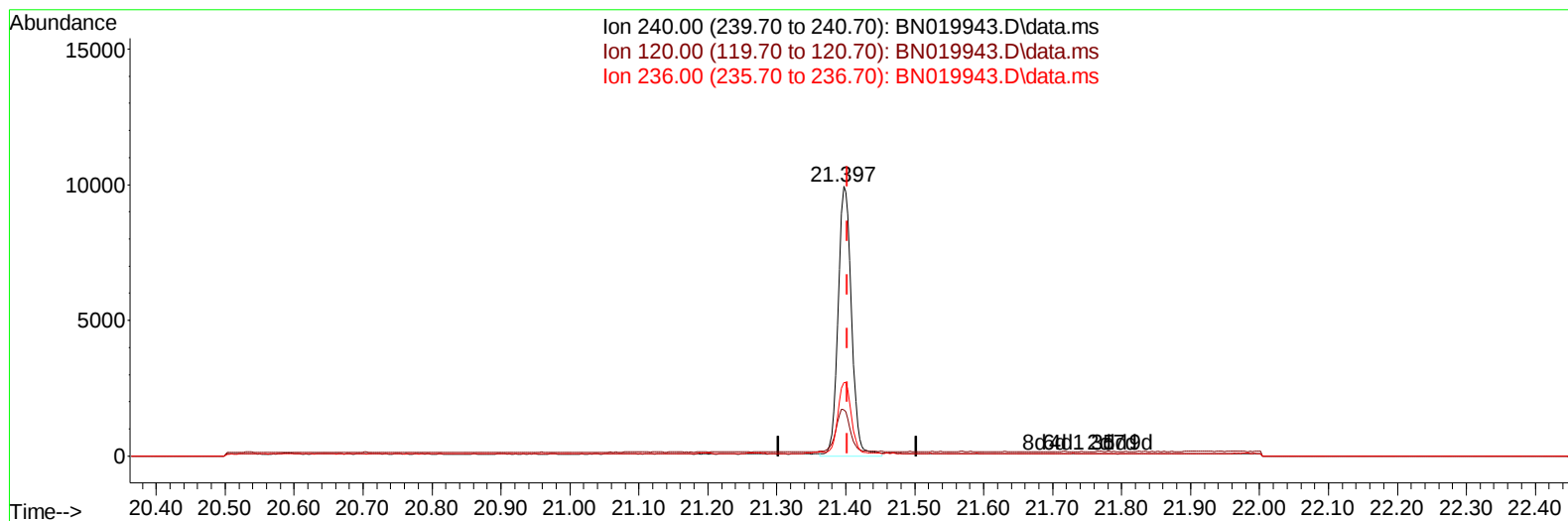
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(17) Chrysene-d12

21.397min (-0.006) 0.40 ng/ul m

response 13477

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	17.40	17.19
236.00	28.80	27.23
0.00	0.00	0.00

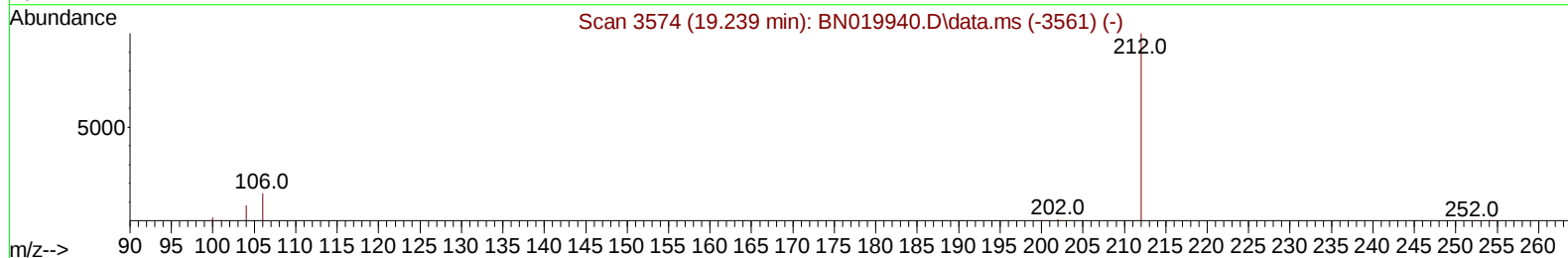
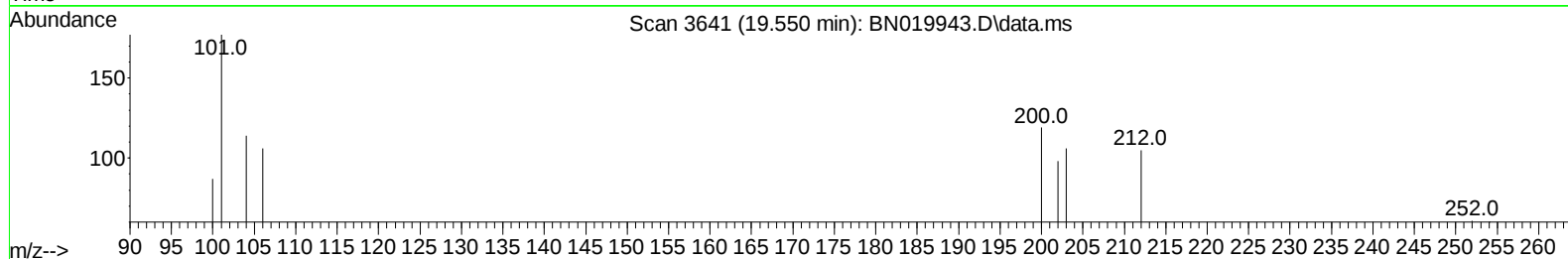
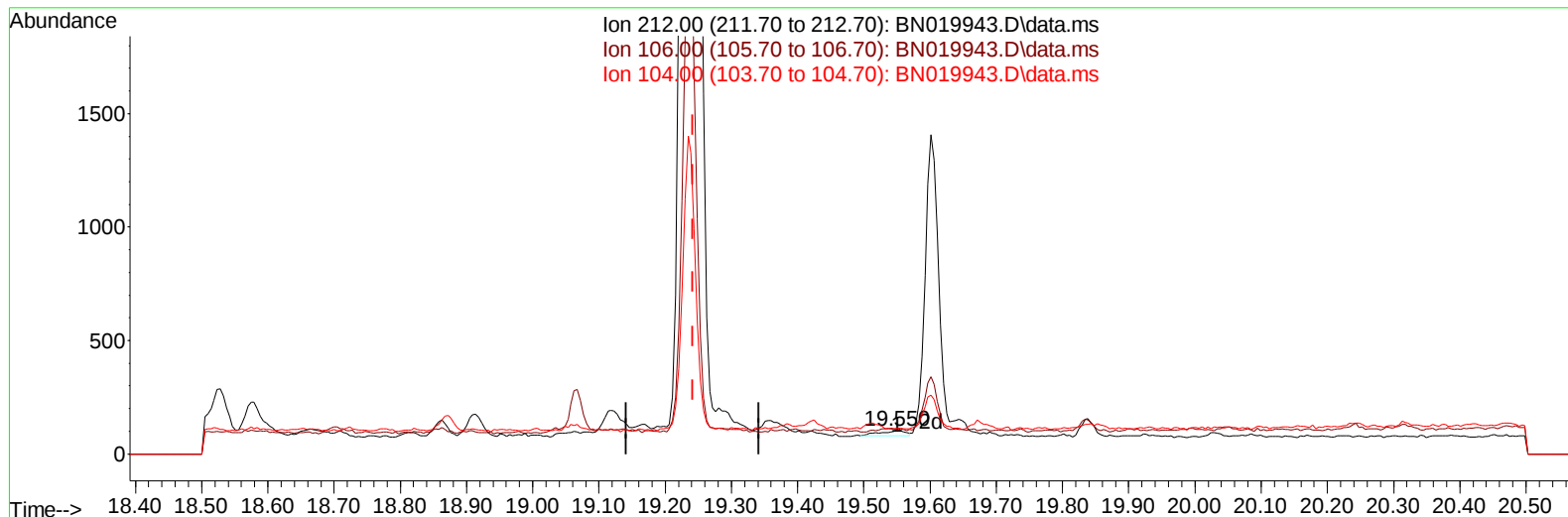
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
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TIC: BN019943.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.550min (+ 0.309) 0.00 ng/u1

response 67

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.60	56.72#
104.00	8.70	0.00#
0.00	0.00	0.00

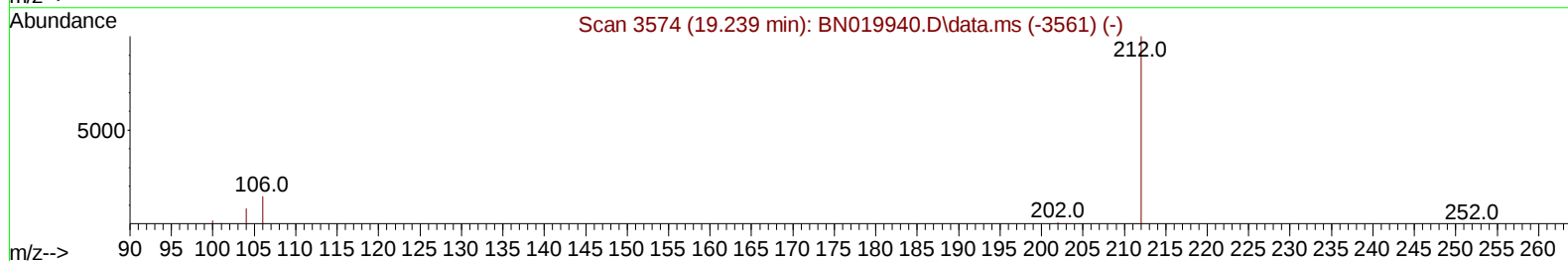
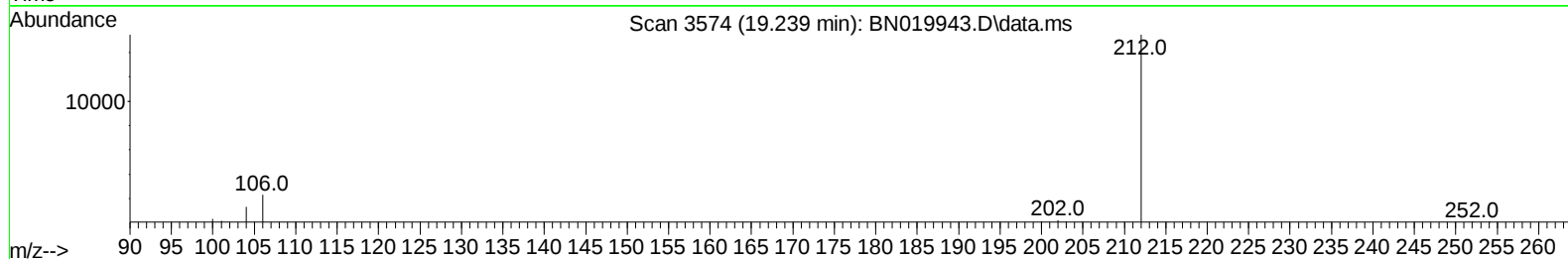
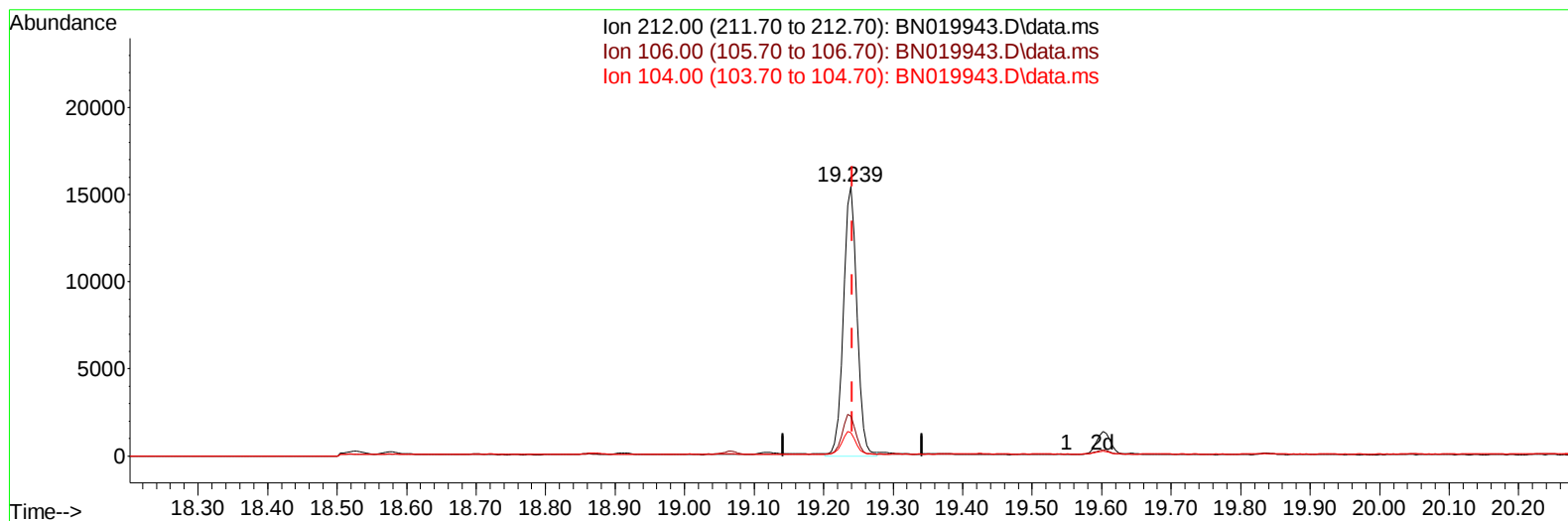
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.239min (-0.003) 0.44 ng/ul m

response 21135

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.60	0.18#
104.00	8.70	0.00#
0.00	0.00	0.00

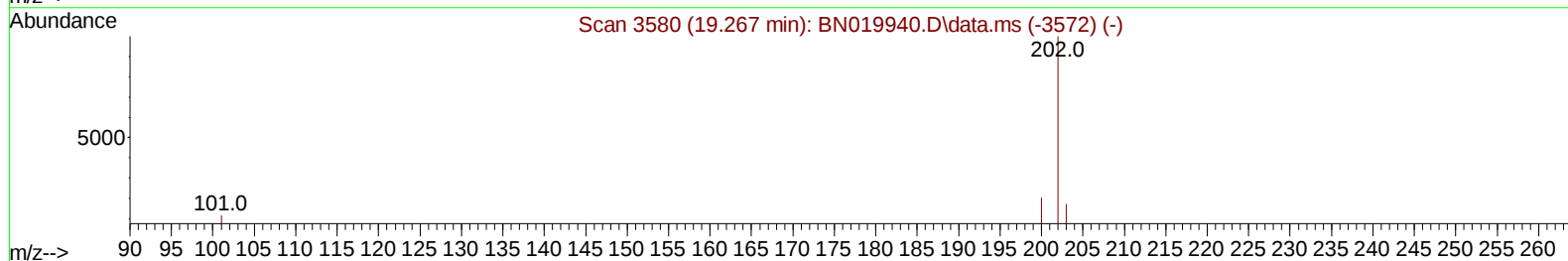
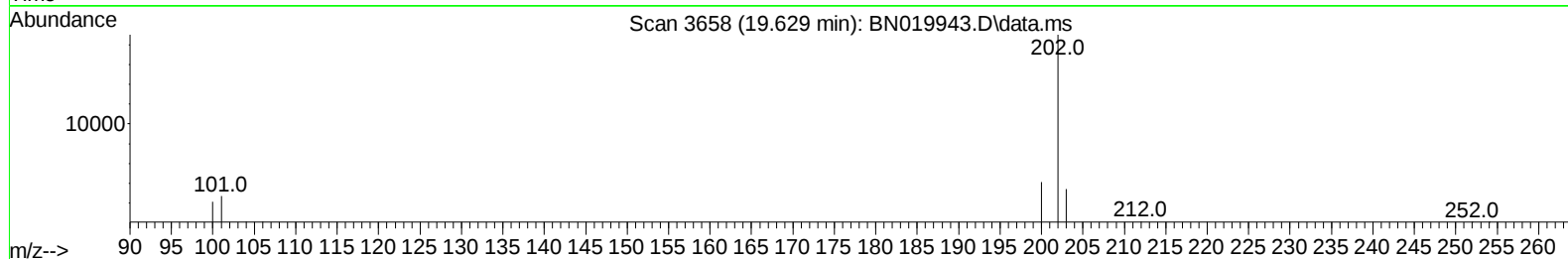
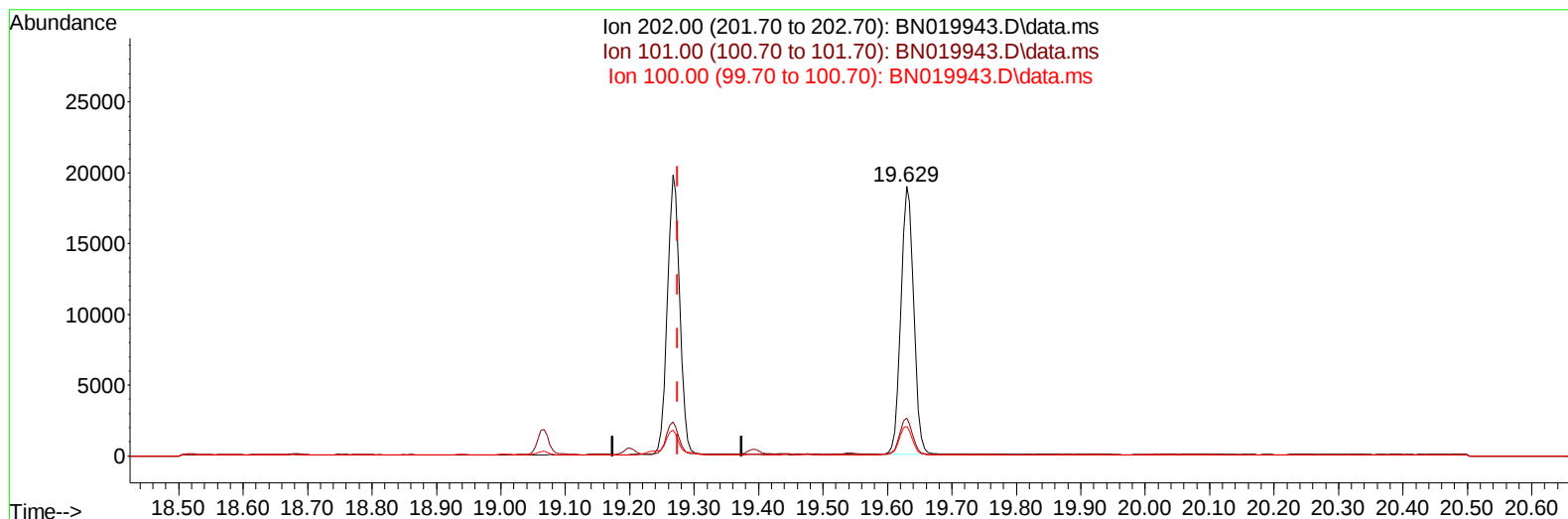
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(19) Fluoranthene (C)

19.629min (+ 0.355) 0.39 ng/u1

response 26093

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	14.15
100.00	9.30	11.04
0.00	0.00	0.00

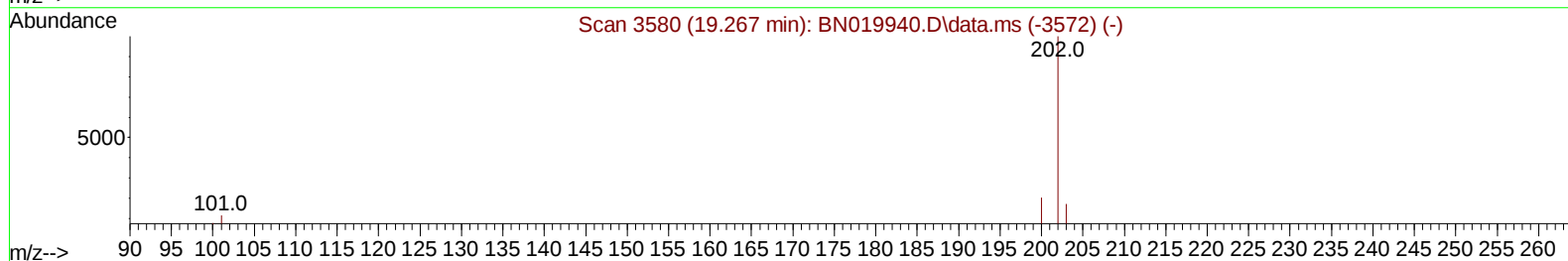
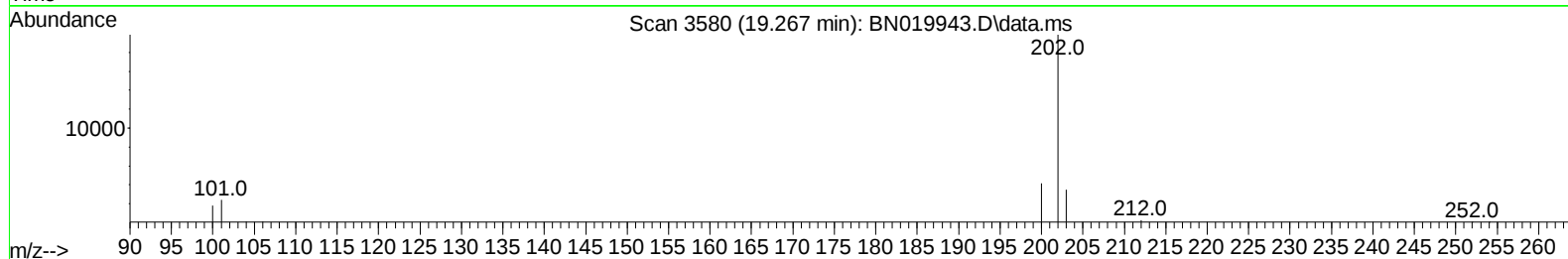
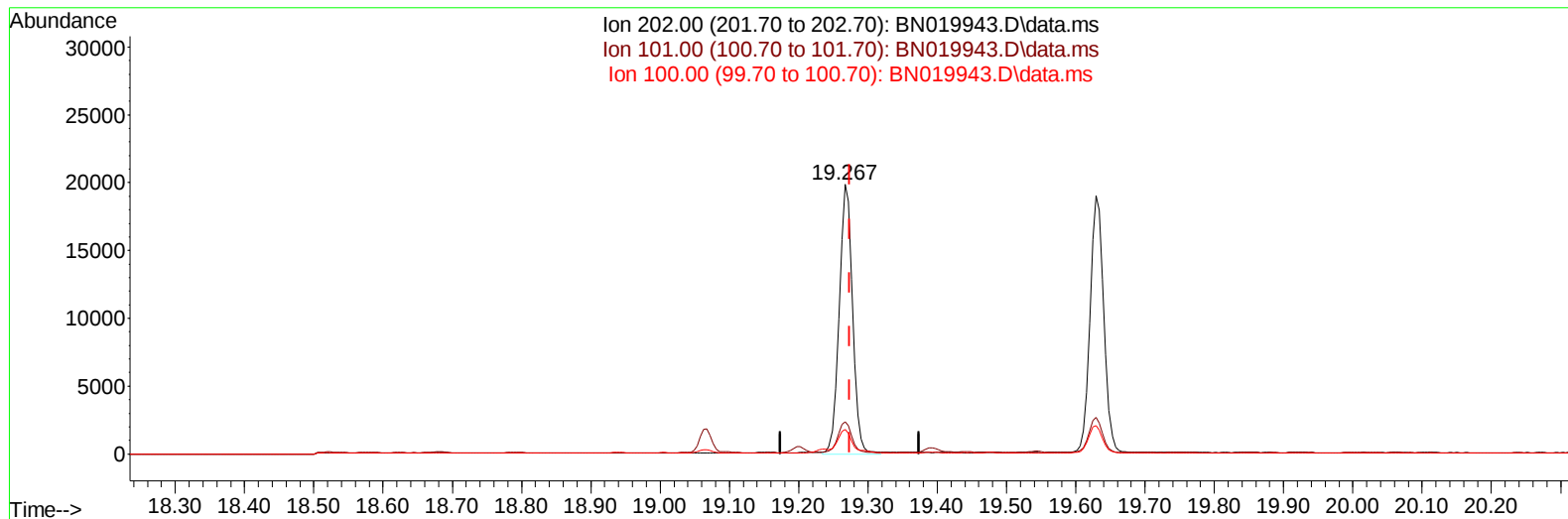
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(19) Fluoranthene (C)

19.267min (-0.007) 0.40 ng/ul m

response 26840

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	12.03
100.00	9.30	9.22
0.00	0.00	0.00

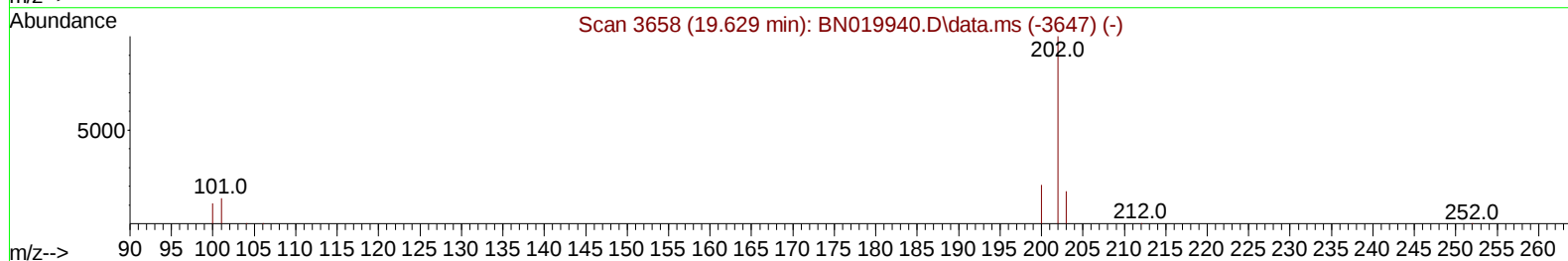
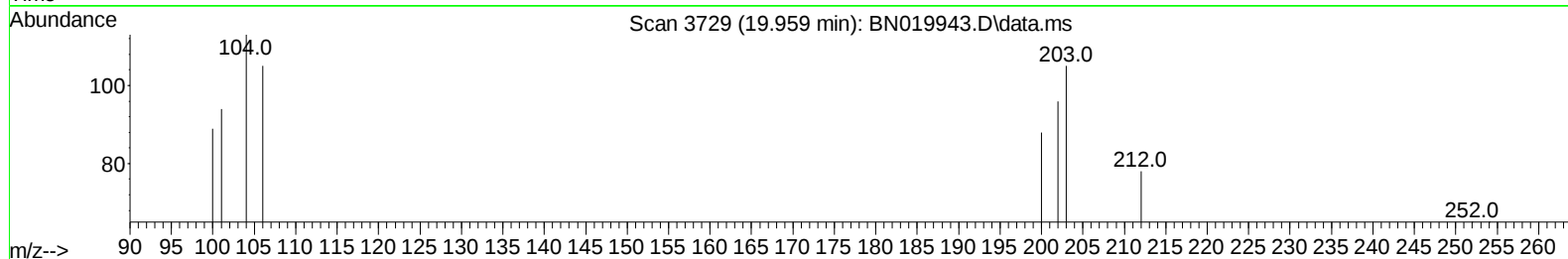
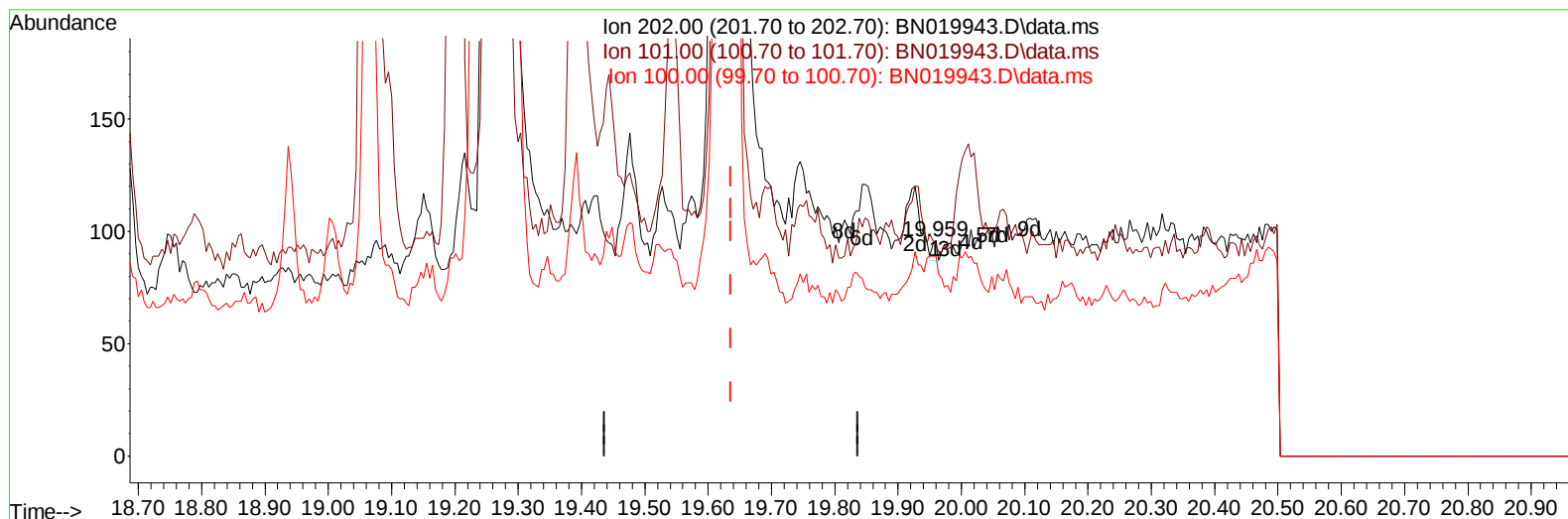
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(20) Pyrene

19.959min (+ 0.323) 0.00 ng/u1

response 4

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	97.92#
100.00	11.20	92.71#
0.00	0.00	0.00

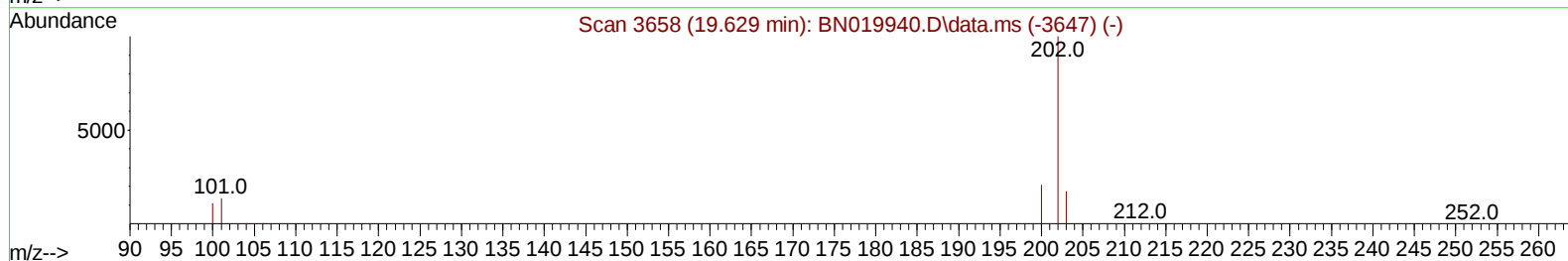
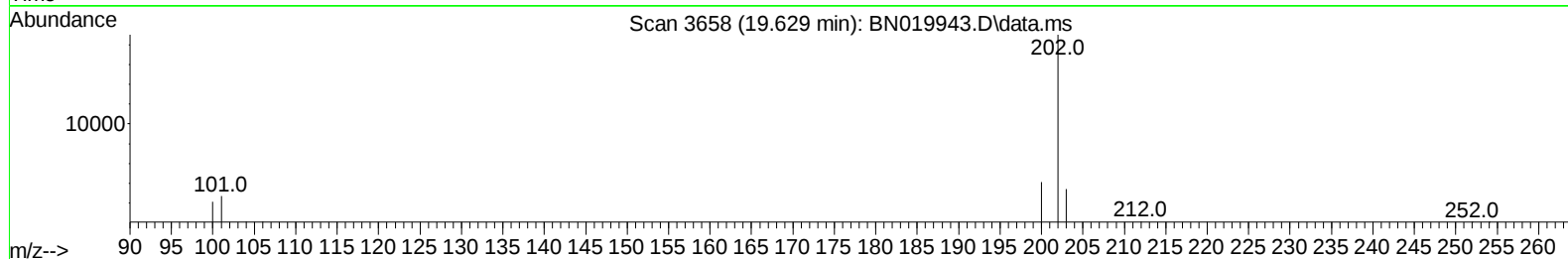
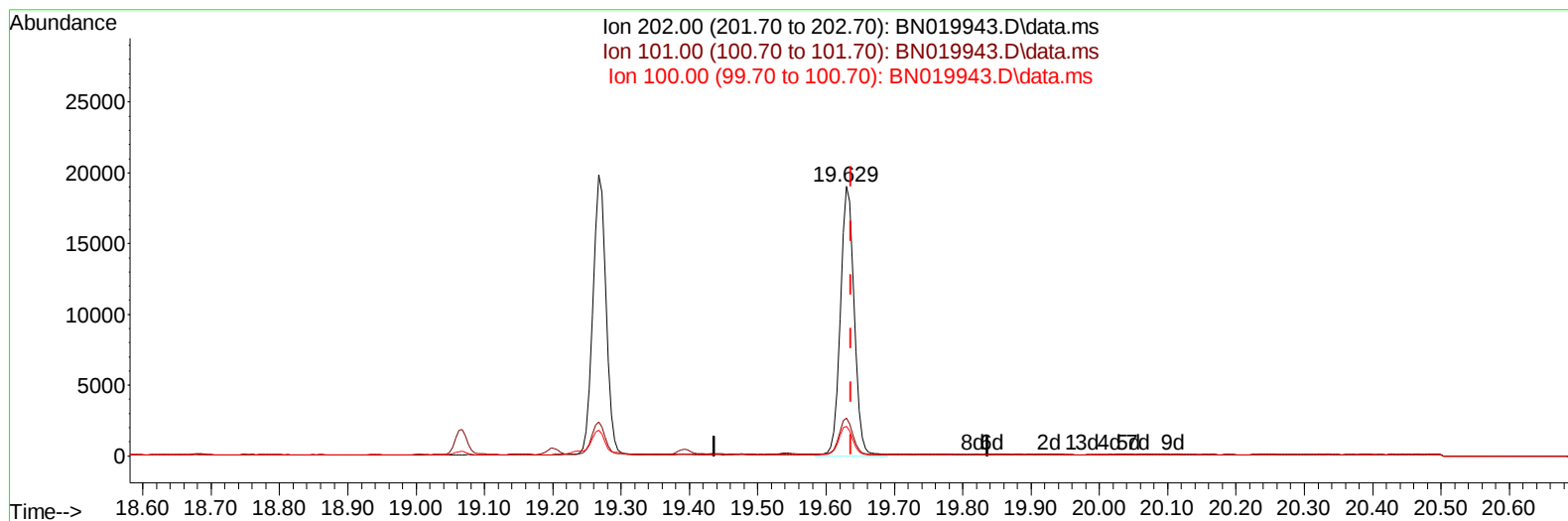
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(20) Pyrene

19.629min (-0.007) 0.39 ng/u1 m

response 26849

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	14.15
100.00	11.20	11.04
0.00	0.00	0.00

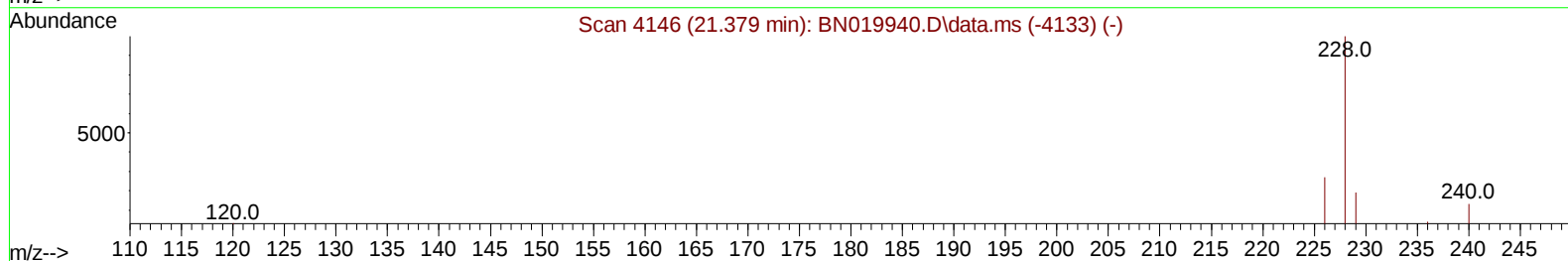
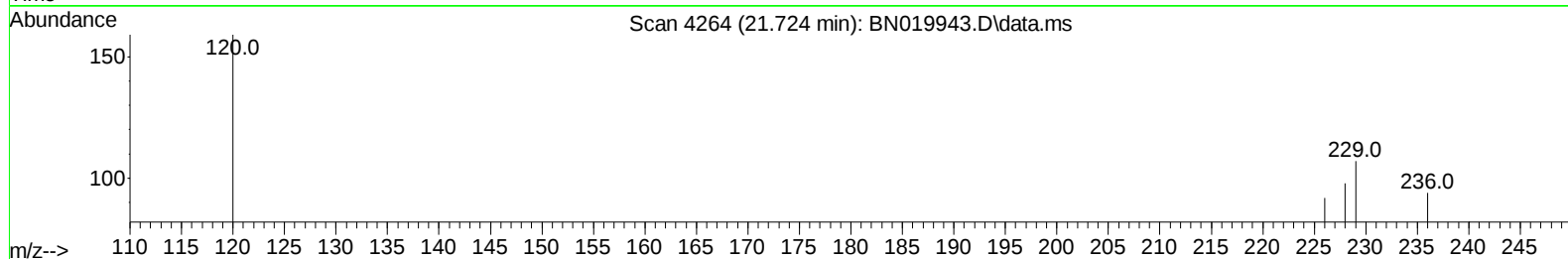
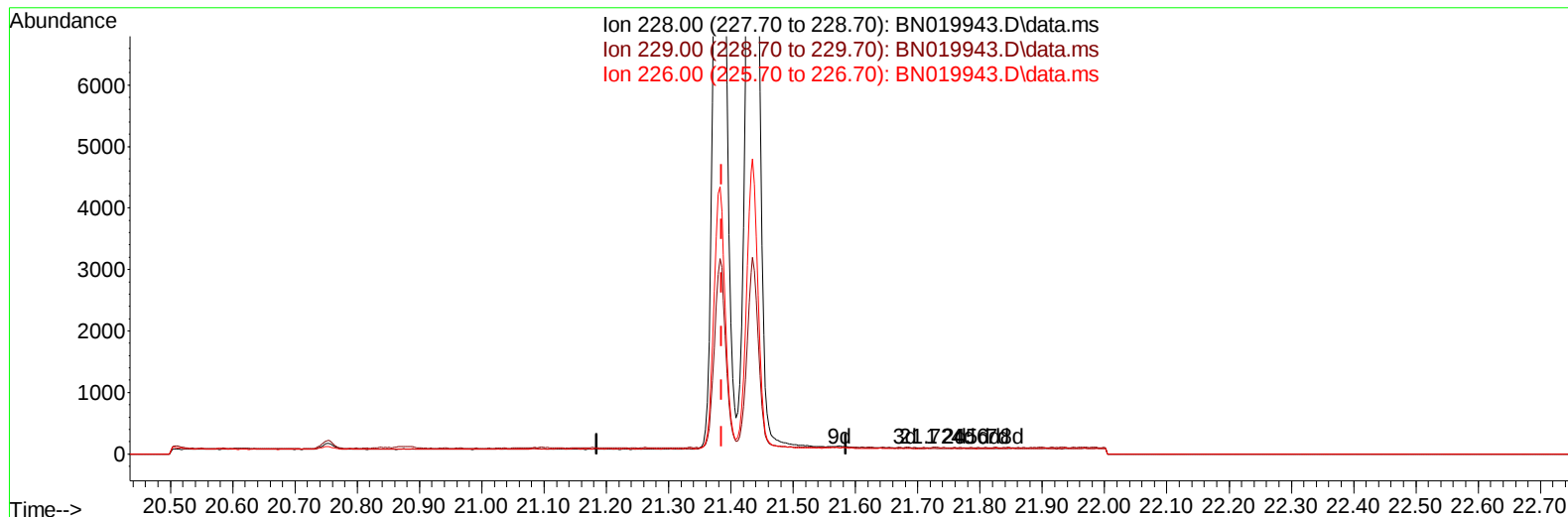
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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TIC: BN019943.D\data.ms

(21) Benzo(a)anthracene

21.724min (+ 0.339) 0.00 ng/u1

response 8

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	109.18#
226.00	27.60	93.88#
0.00	0.00	0.00

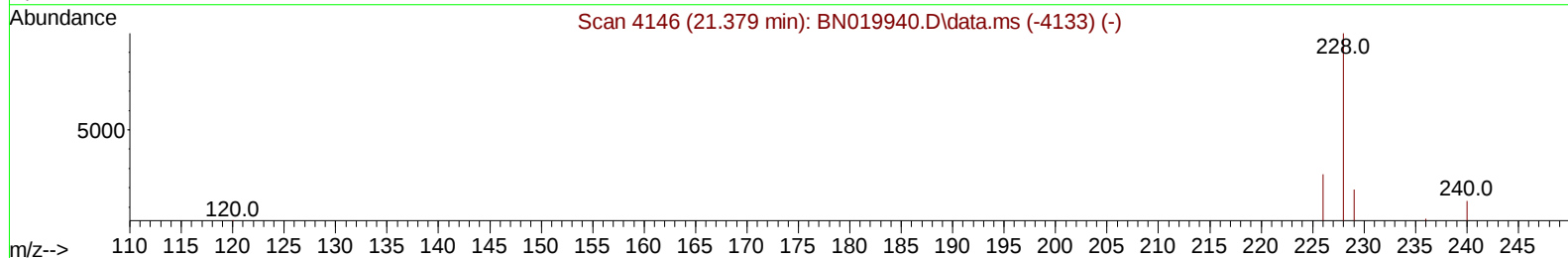
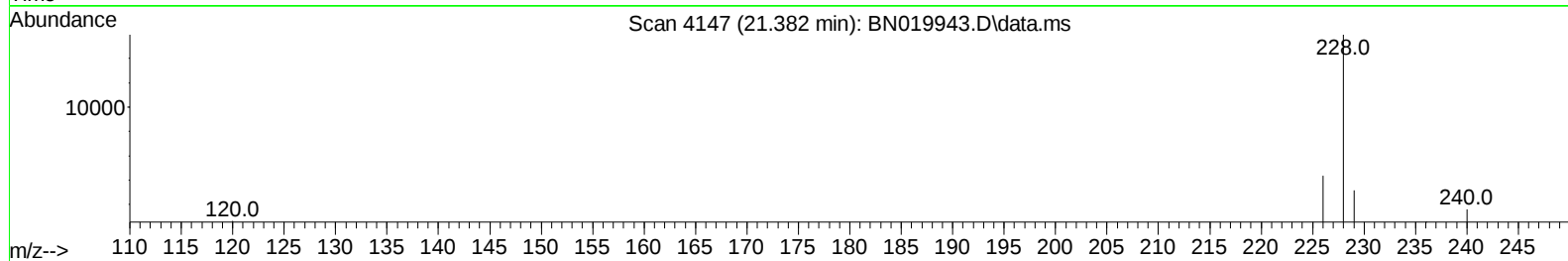
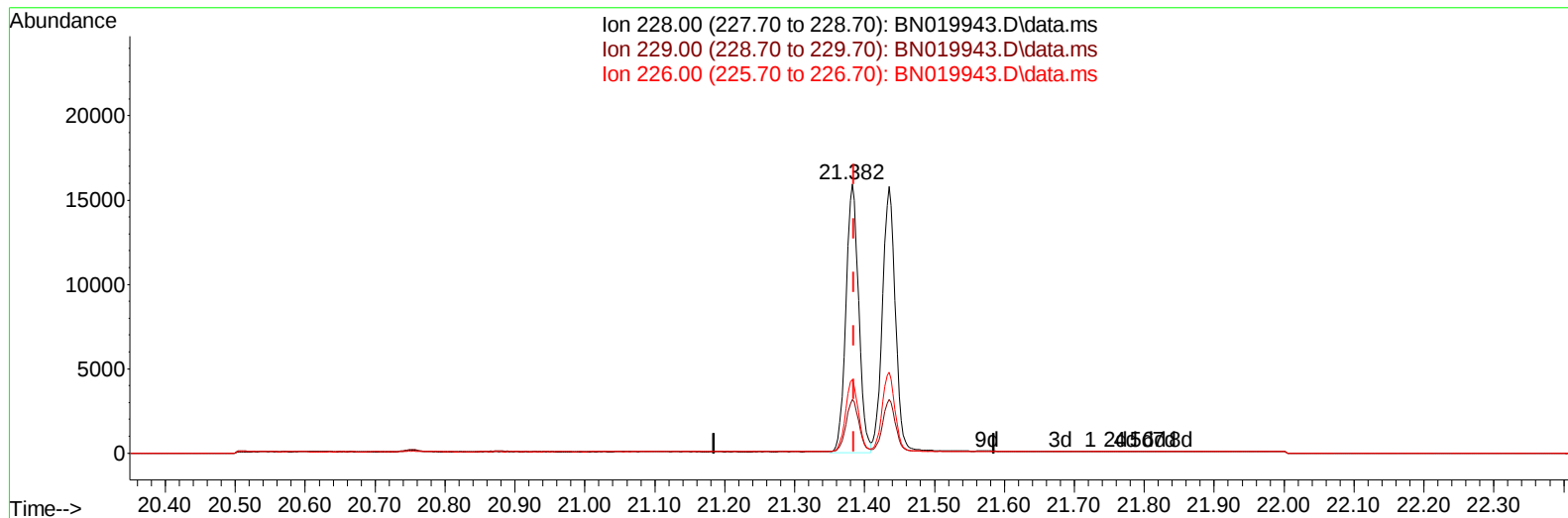
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(21) Benzo(a)anthracene

21.382min (-0.003) 0.36 ng/u1 m

response 20077

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	19.96
226.00	27.60	27.25
0.00	0.00	0.00

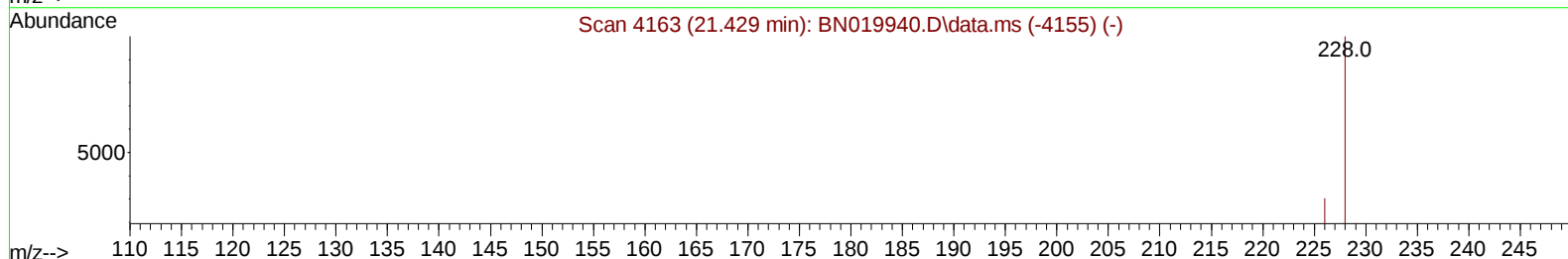
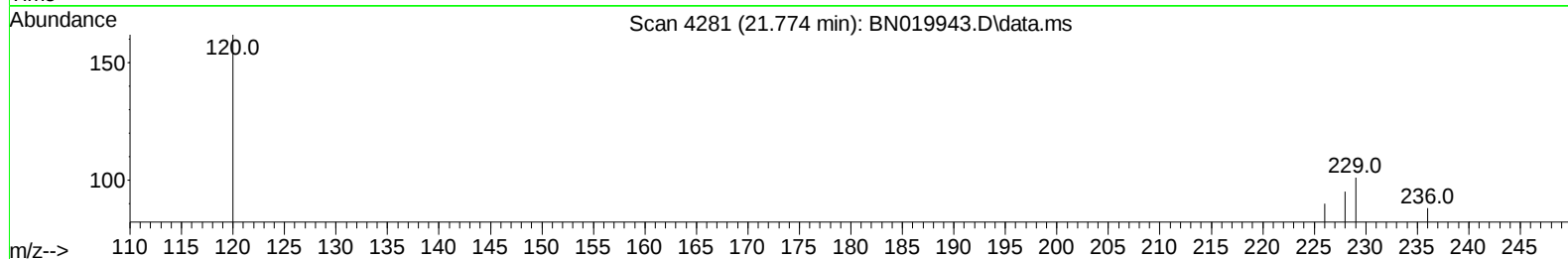
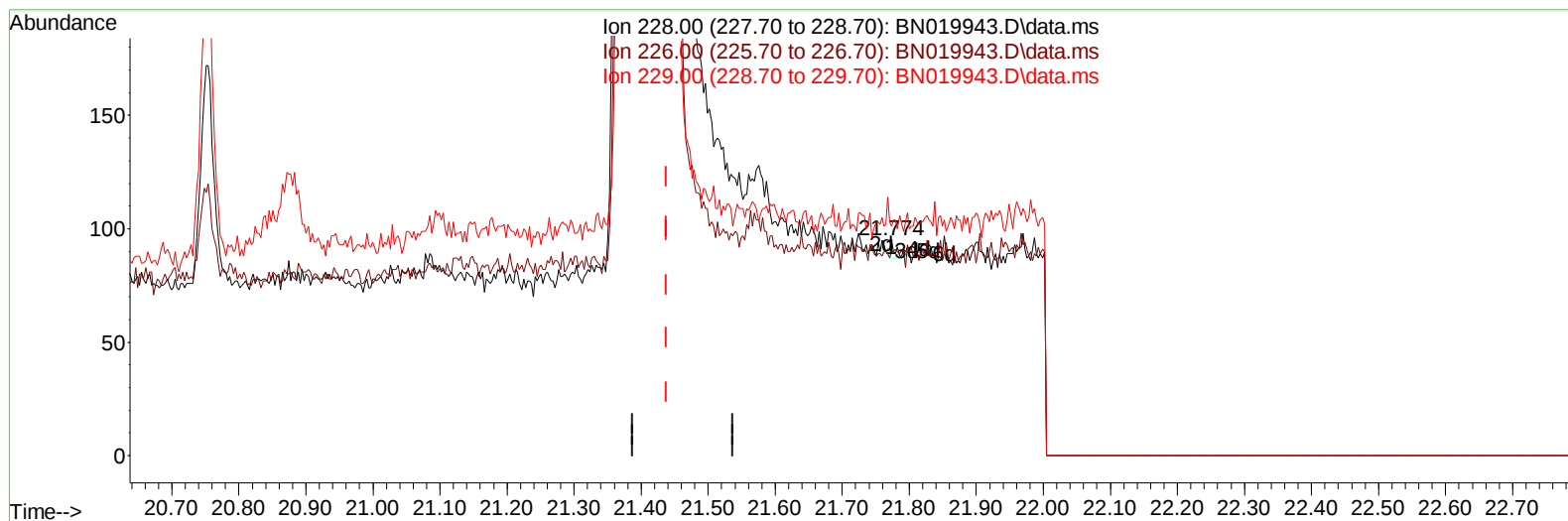
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(22) Chrysene

21.774min (+ 0.336) 0.00 ng/u1

response 4

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	94.74#
229.00	20.00	106.32#
0.00	0.00	0.00

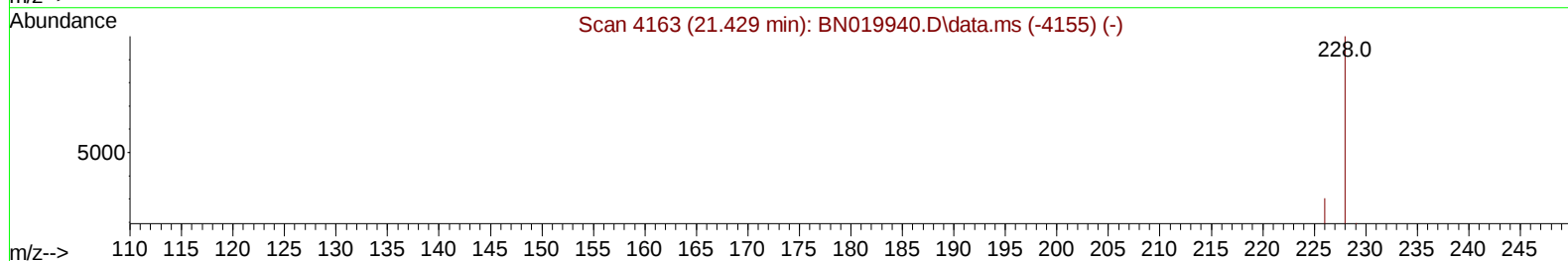
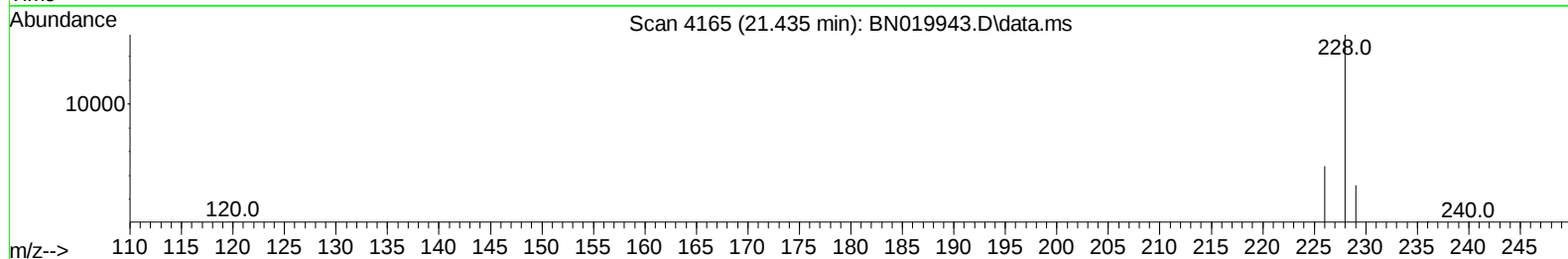
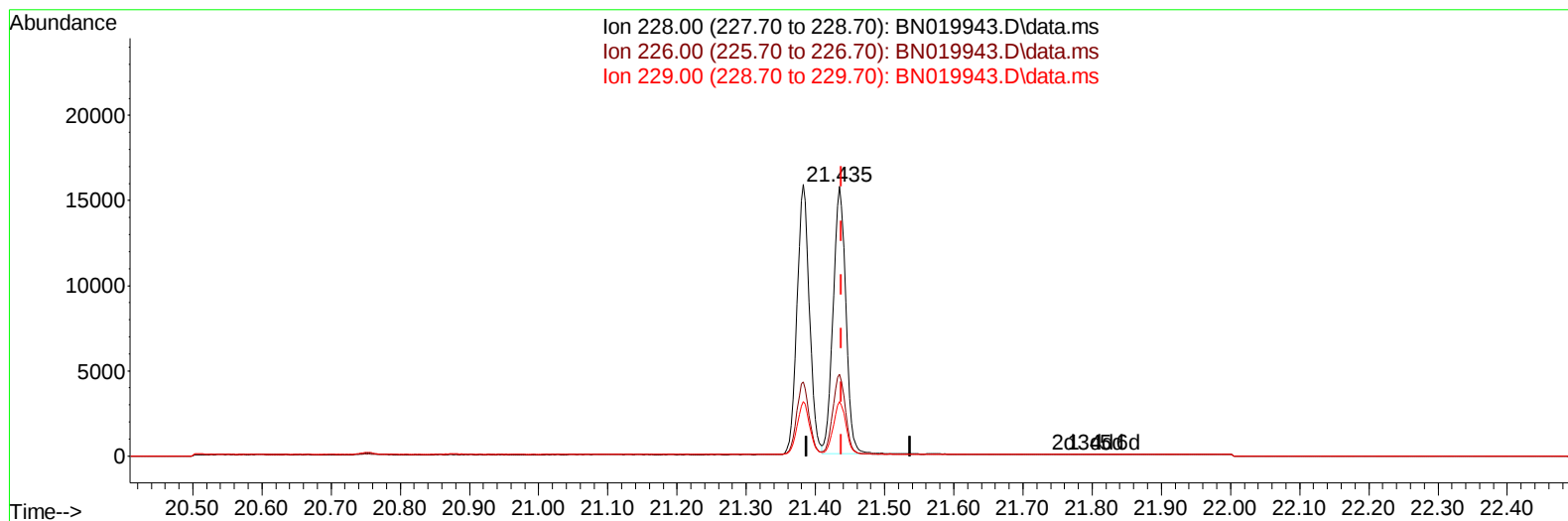
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(22) Chrysene

21.435min (-0.003) 0.36 ng/ul m

response 19984

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	30.36
229.00	20.00	20.21
0.00	0.00	0.00

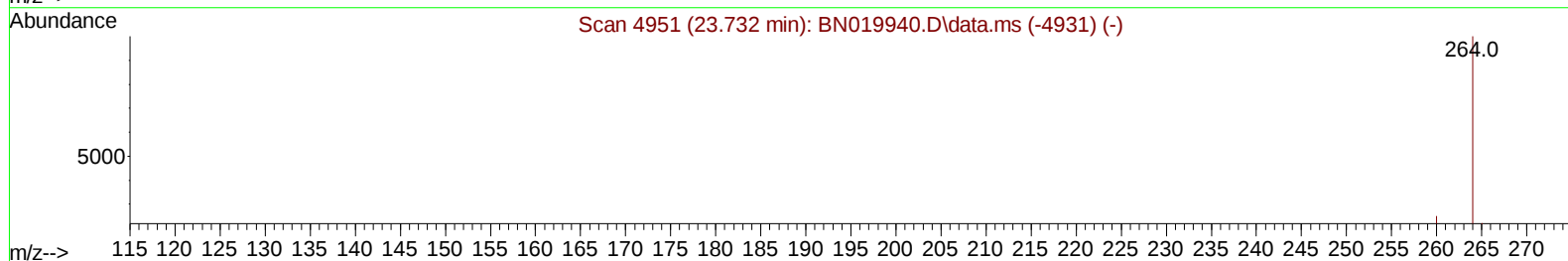
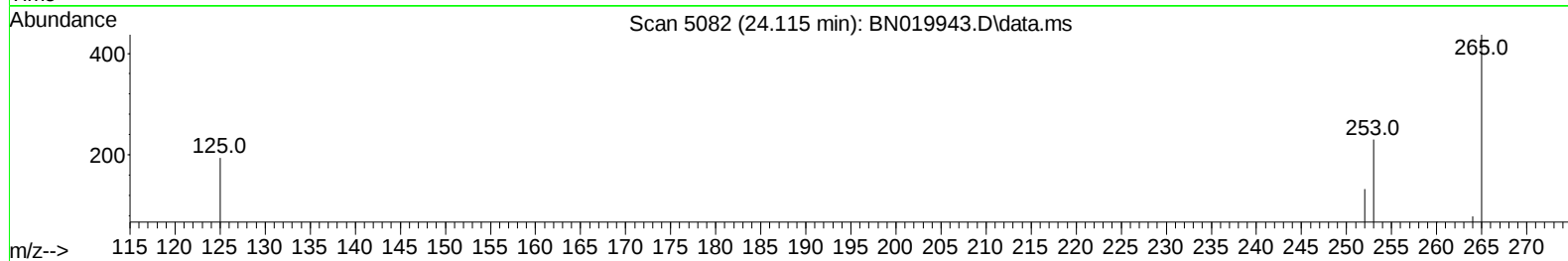
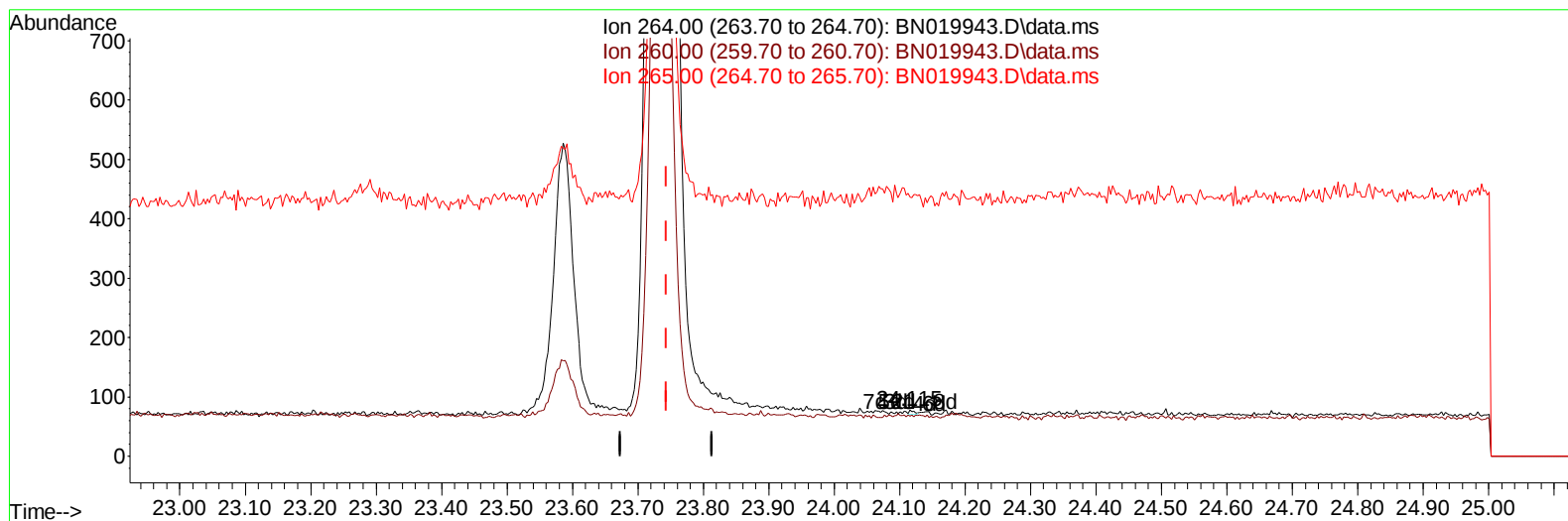
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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TIC: BN019943.D\data.ms

(23) Perylene-d12 (I)

24.115min (+ 0.372) 0.40 ng/u1

response 4

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	85.90#
265.00	45.70	560.26#
0.00	0.00	0.00

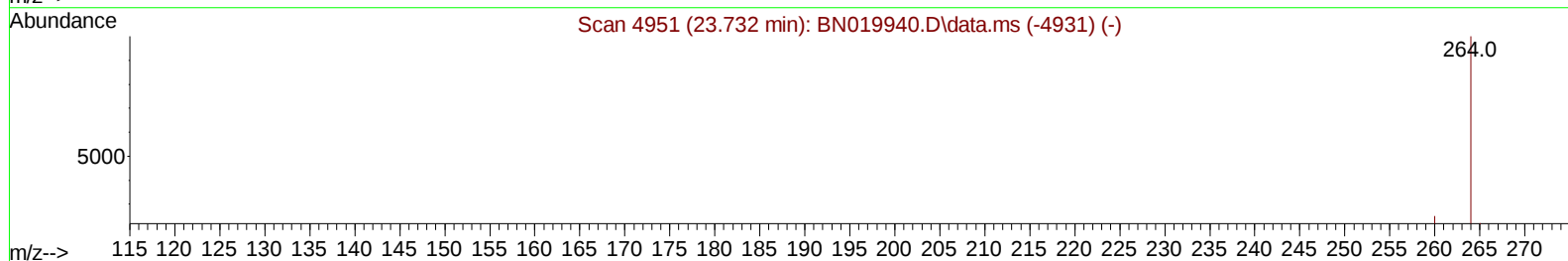
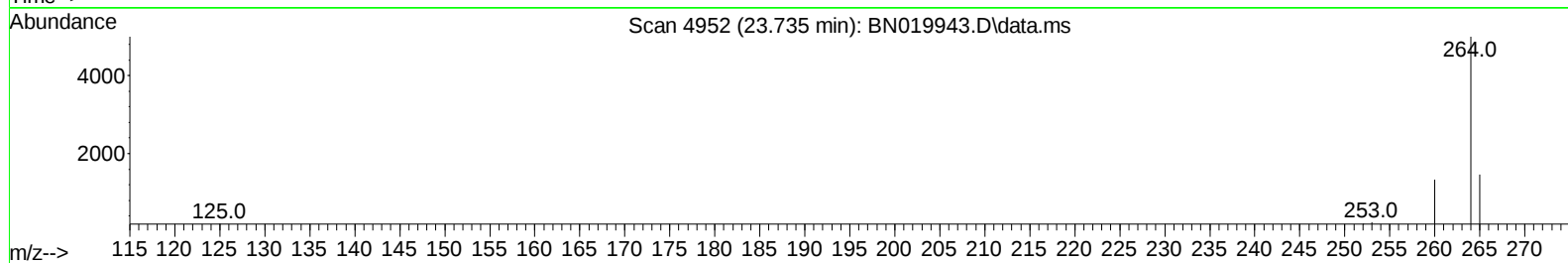
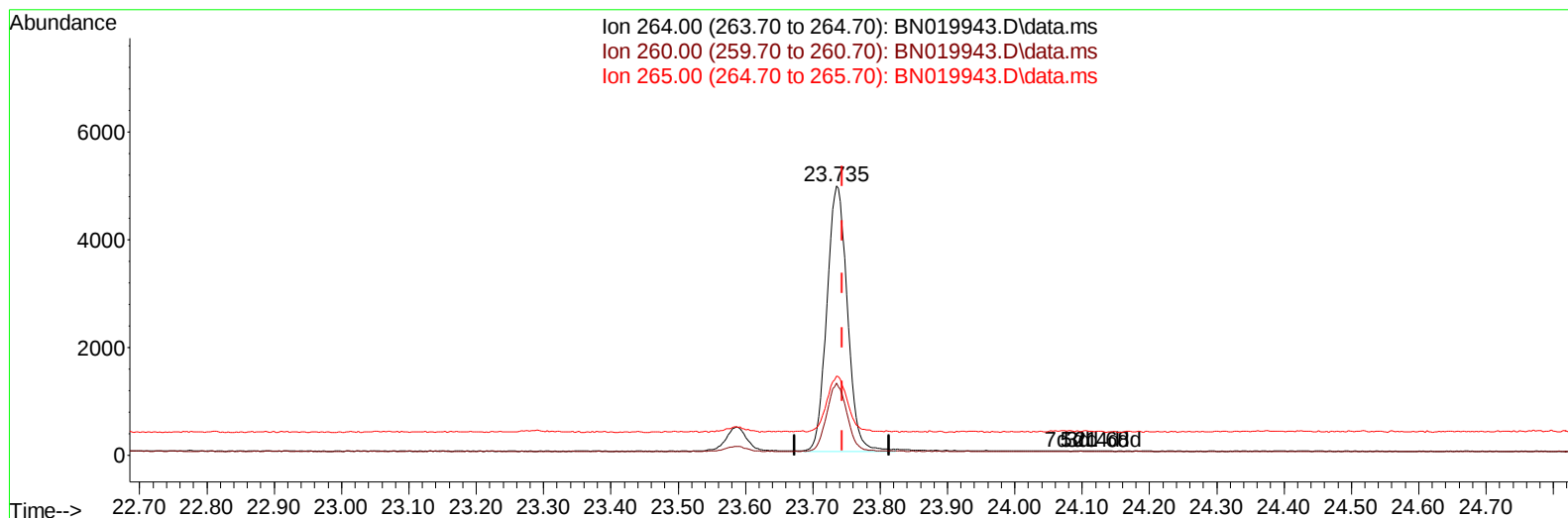
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(23) Perylene-d12 (I)

23.735min (-0.009) 0.40 ng/ul m

response 10470

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	26.83
265.00	45.70	29.37#
0.00	0.00	0.00

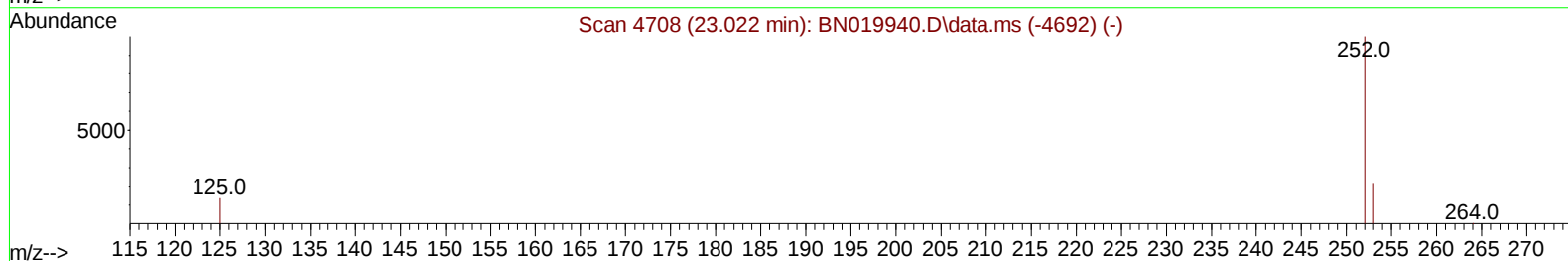
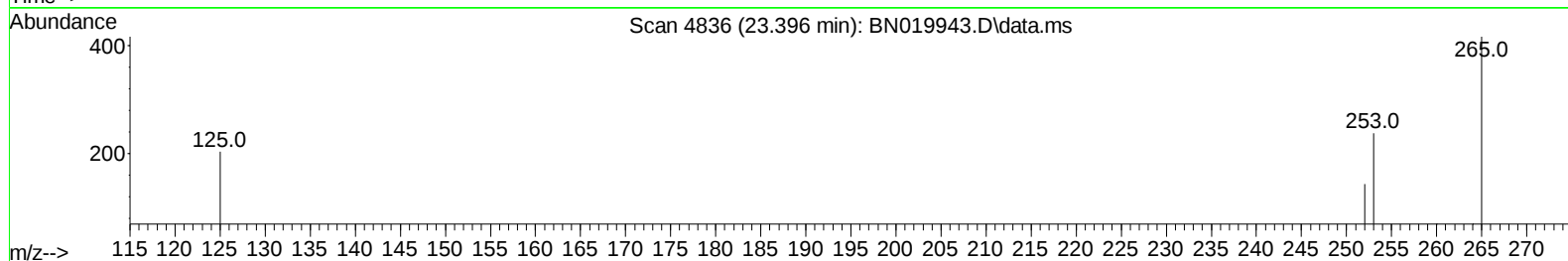
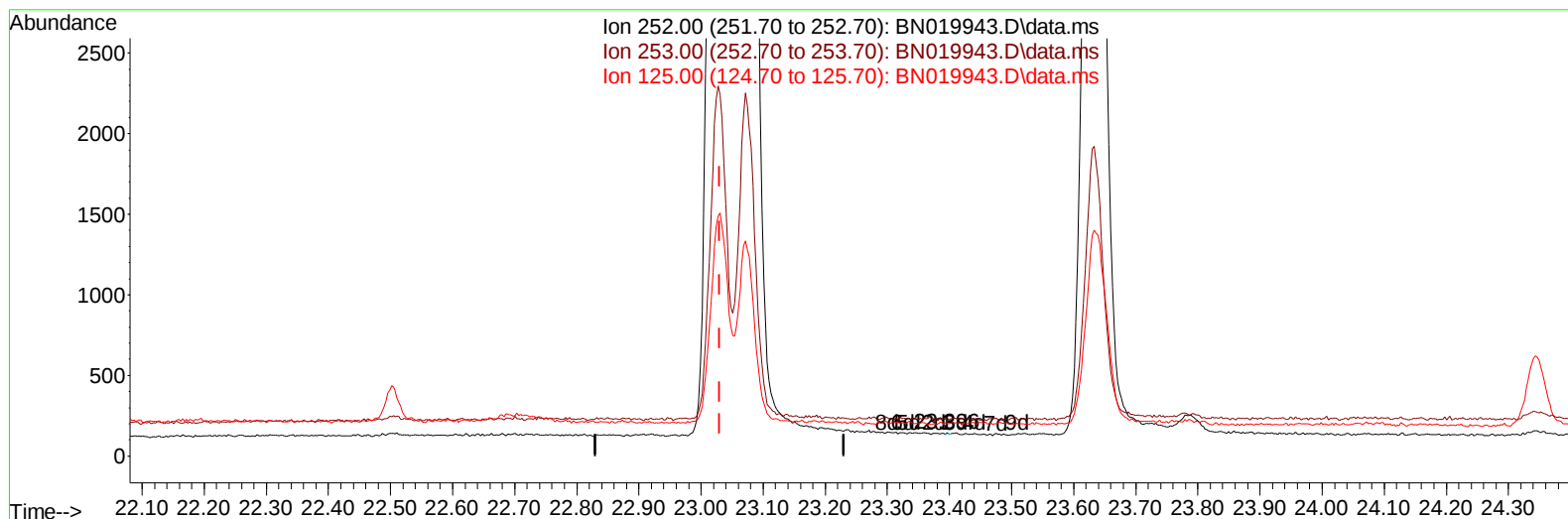
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(24) Benzo(b)fluoranthene

23.396min (+ 0.366) 0.00 ng/u1

response	4	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.00	166.43#
125.00	20.10	142.66#
0.00	0.00	0.00

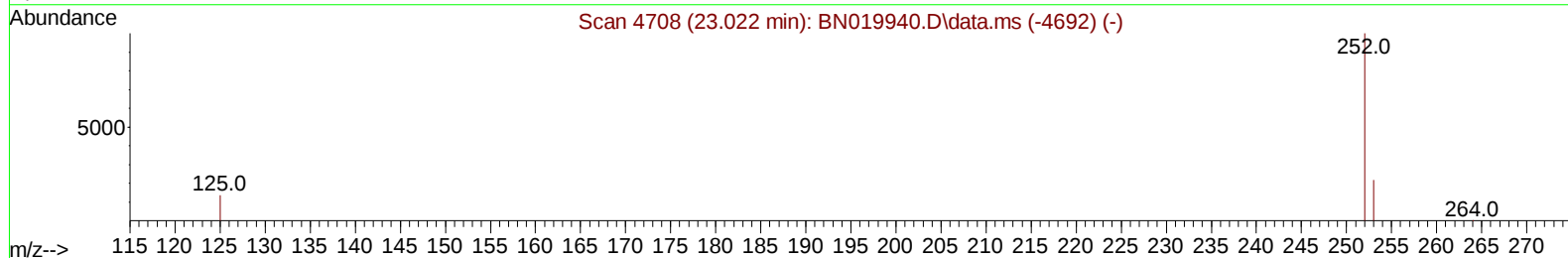
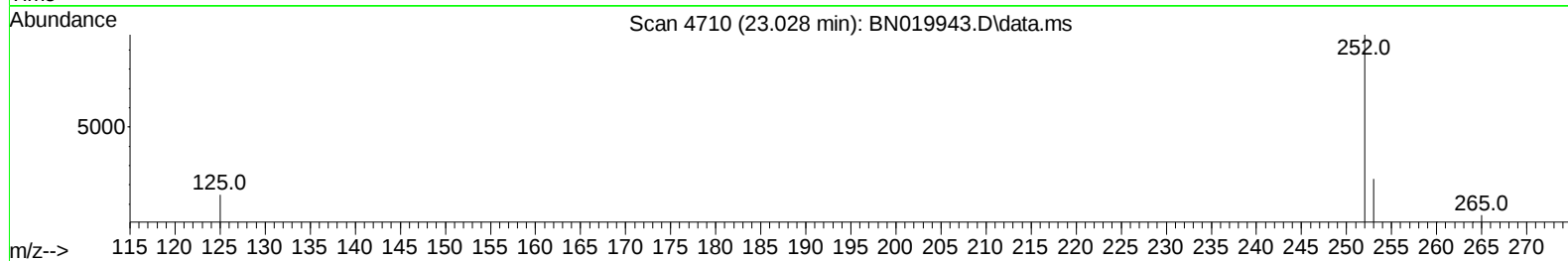
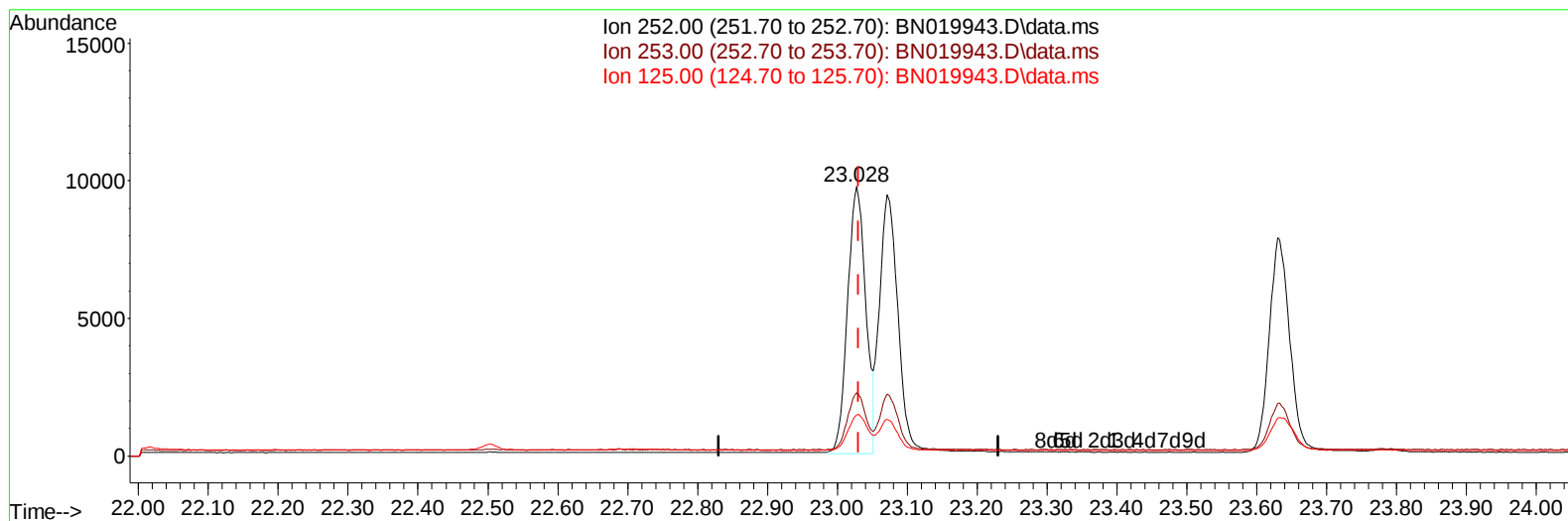
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
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 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(24) Benzo(b)fluoranthene

23.028min (-0.003) 0.38 ng/u1 m

response 17627

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.00	23.47
125.00	20.10	15.22
0.00	0.00	0.00

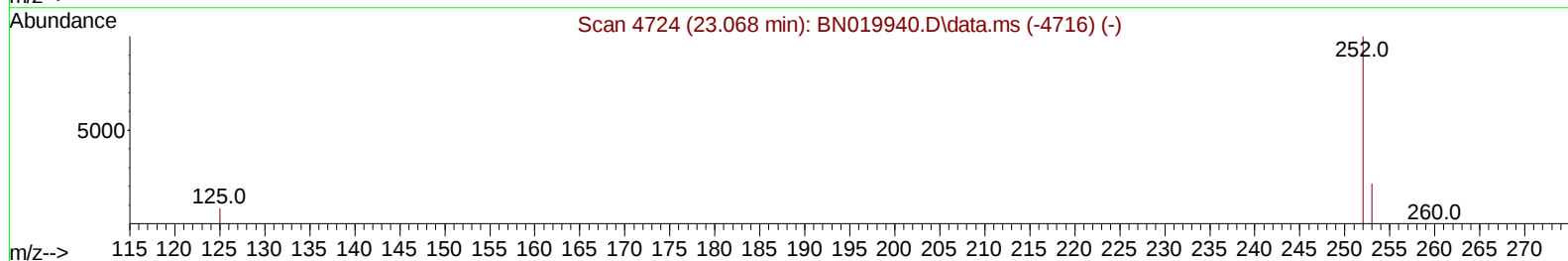
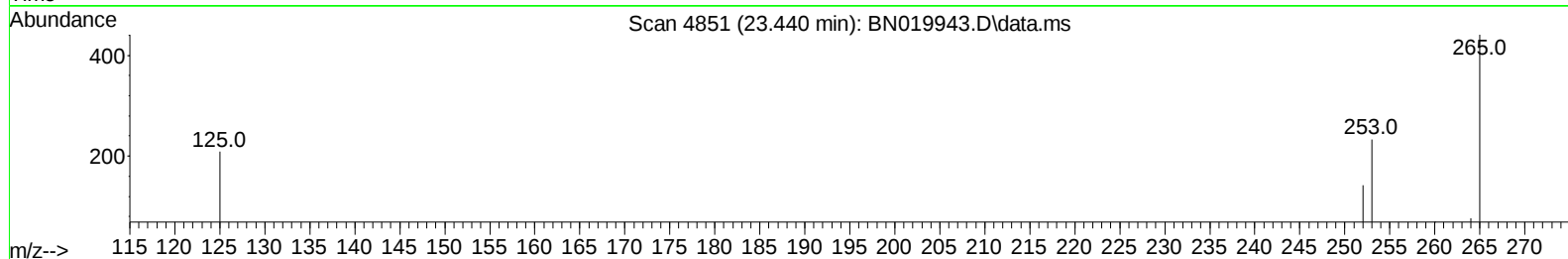
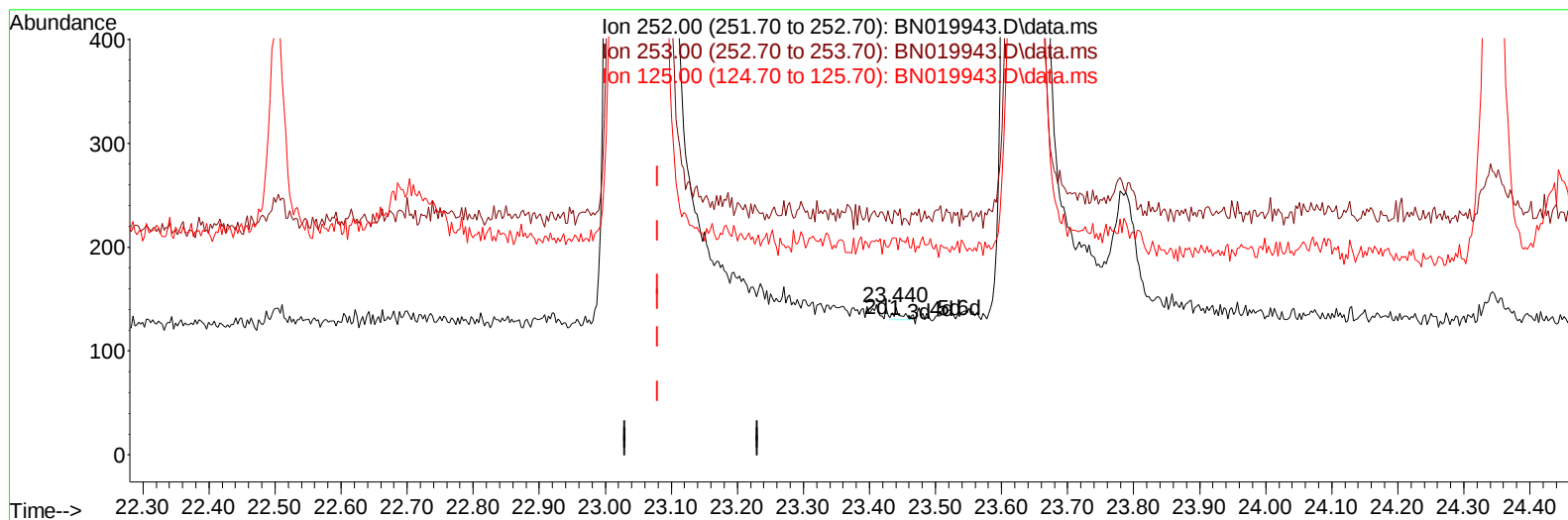
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(25) Benzo(k)fluoranthene

23.440min (+ 0.360) 0.00 ng/u1

response 8

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.20	164.08#
125.00	13.80	147.18#
0.00	0.00	0.00

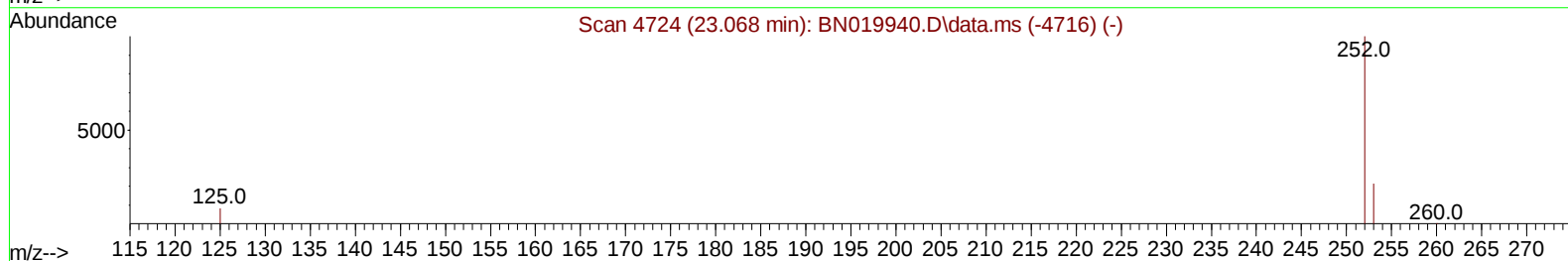
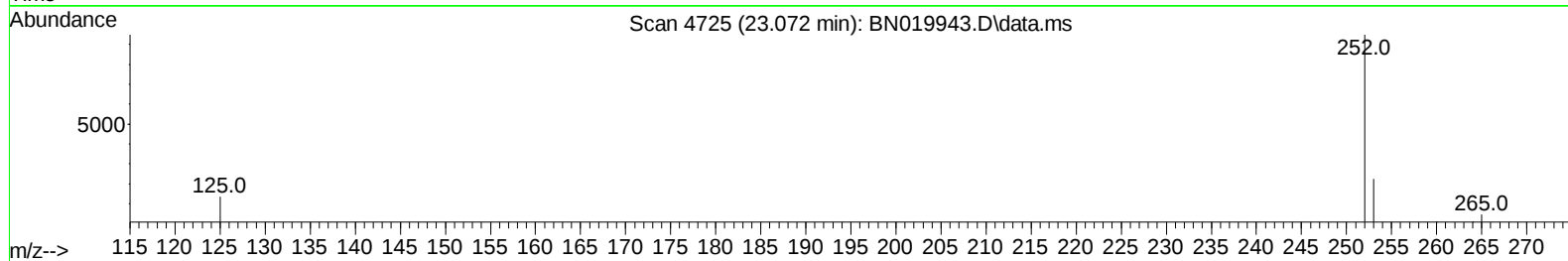
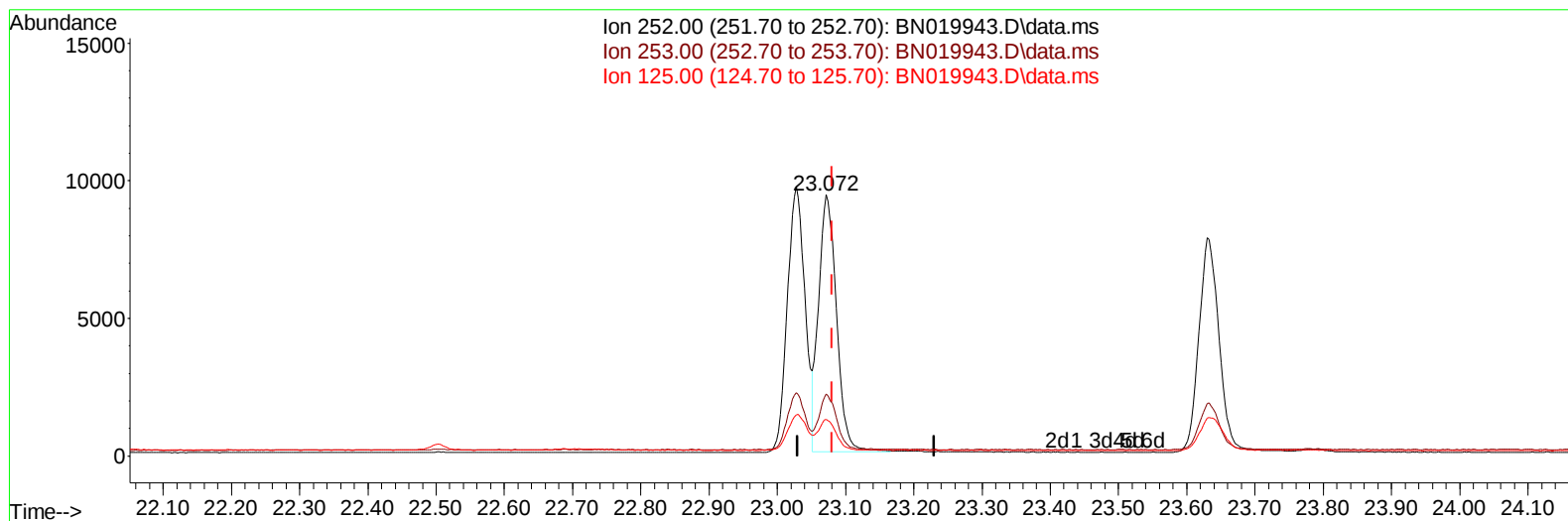
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.009) 0.38 ng/ul m

response 16908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.20	23.72
125.00	13.80	14.07
0.00	0.00	0.00

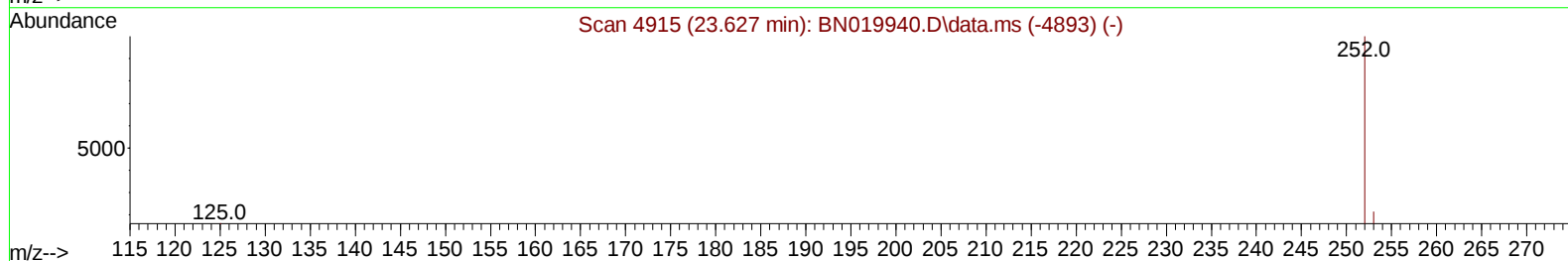
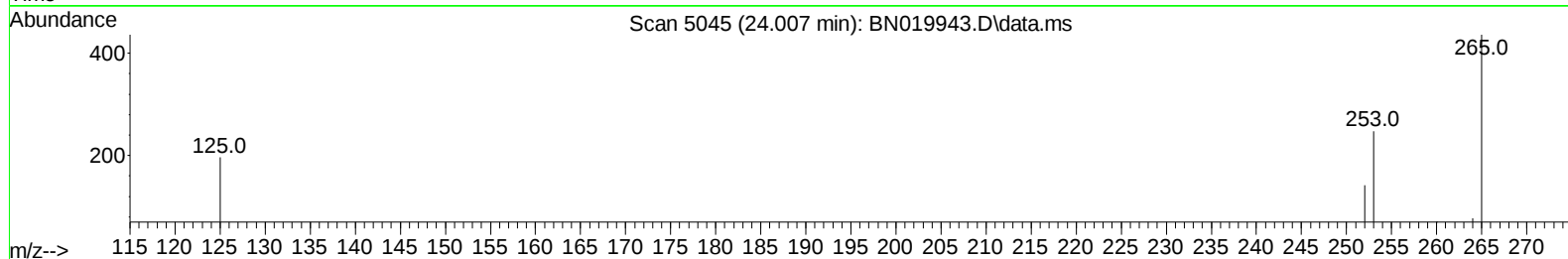
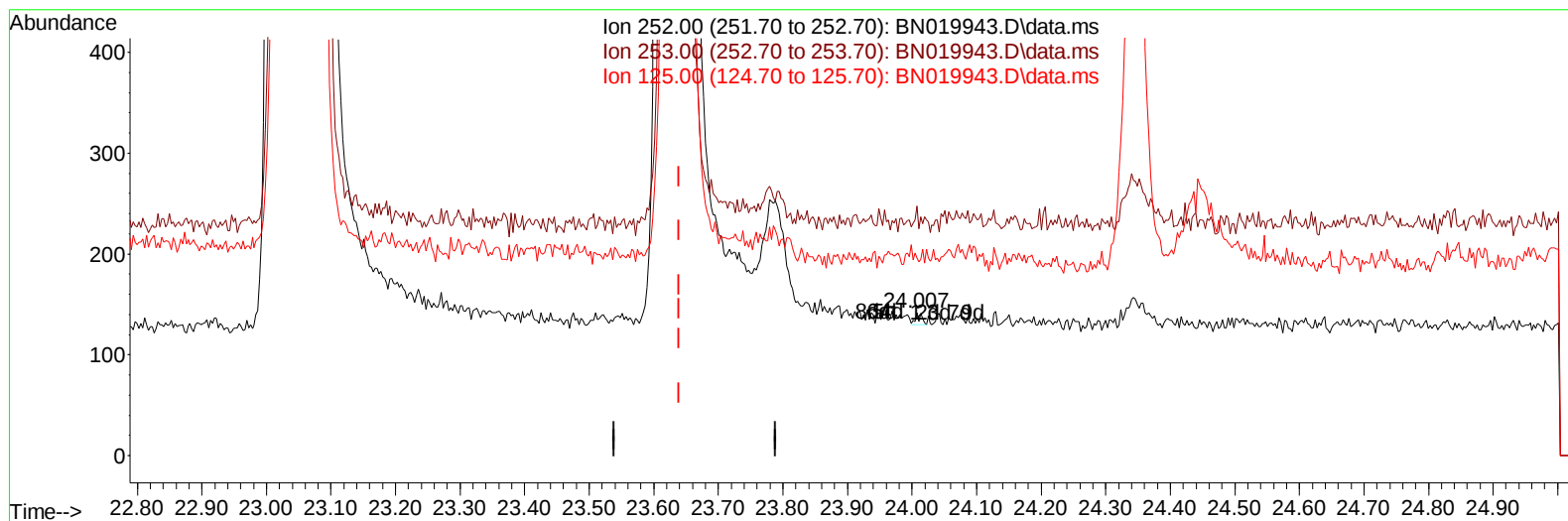
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019943.D
Acq On : 25 May 2022 10:02
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(26) Benzo(a)pyrene (C)

24.007min (+ 0.369) 0.00 ng/u1

response 7

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	174.65#
125.00	35.40	138.03#
0.00	0.00	0.00

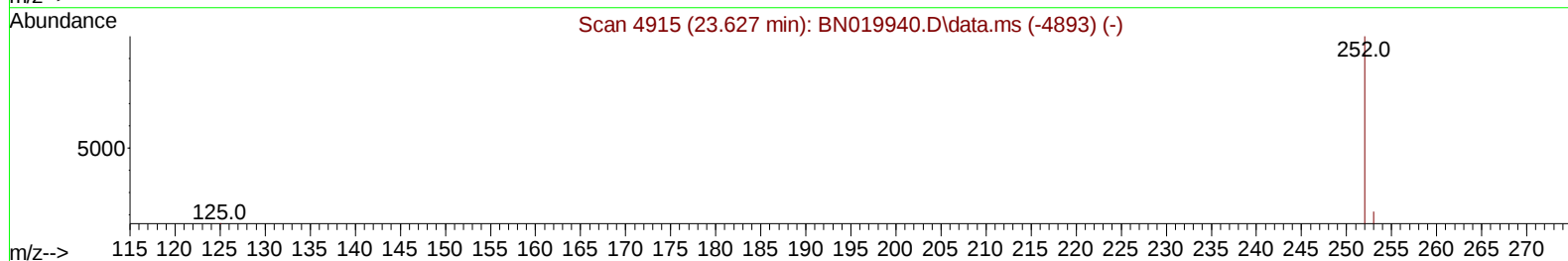
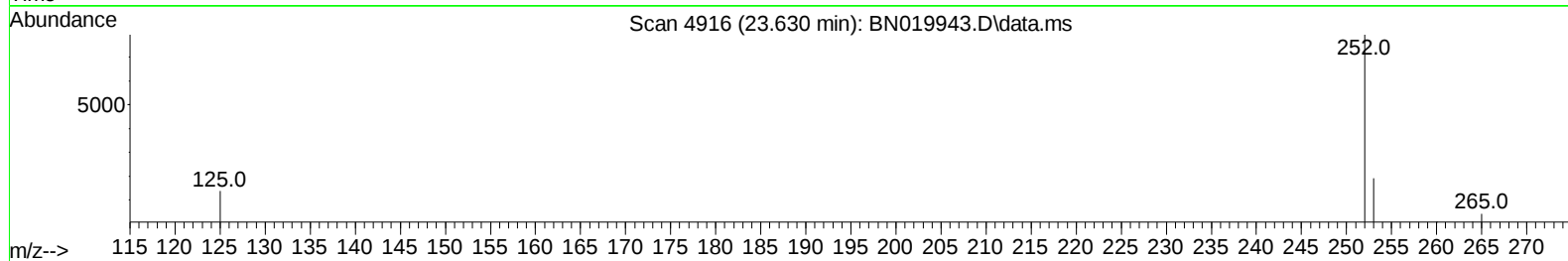
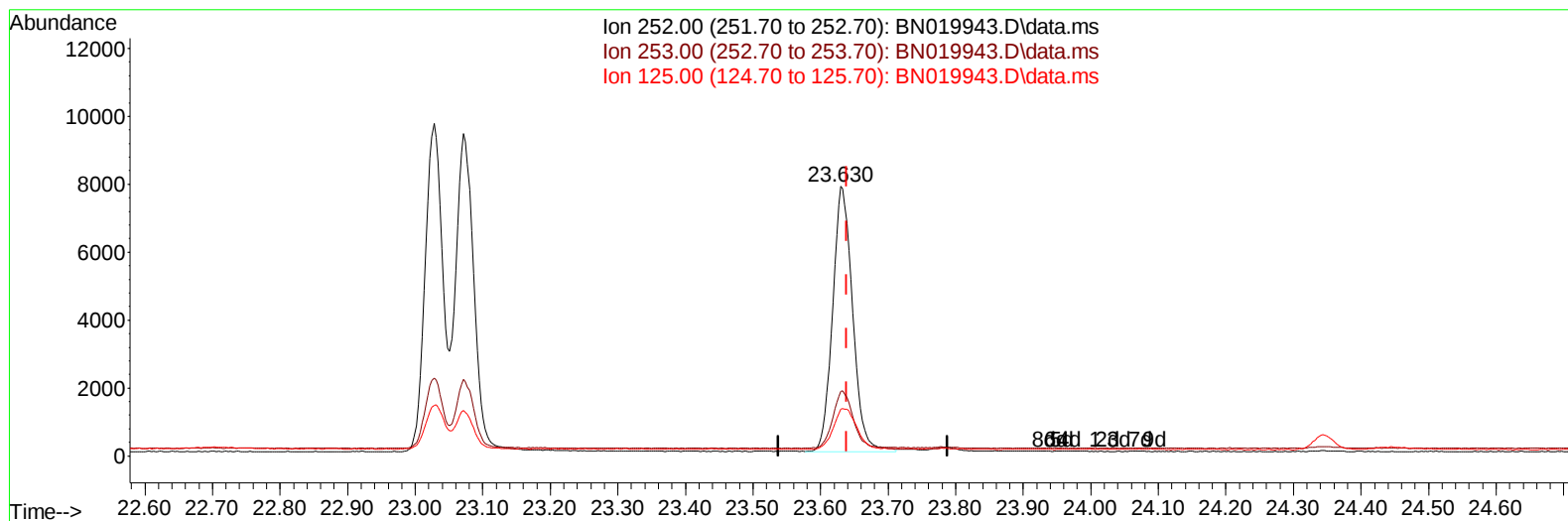
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(26) Benzo(a)pyrene (C)

23.630min (-0.009) 0.37 ng/u1 m

response 16136

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	24.04
125.00	35.40	17.25#
0.00	0.00	0.00

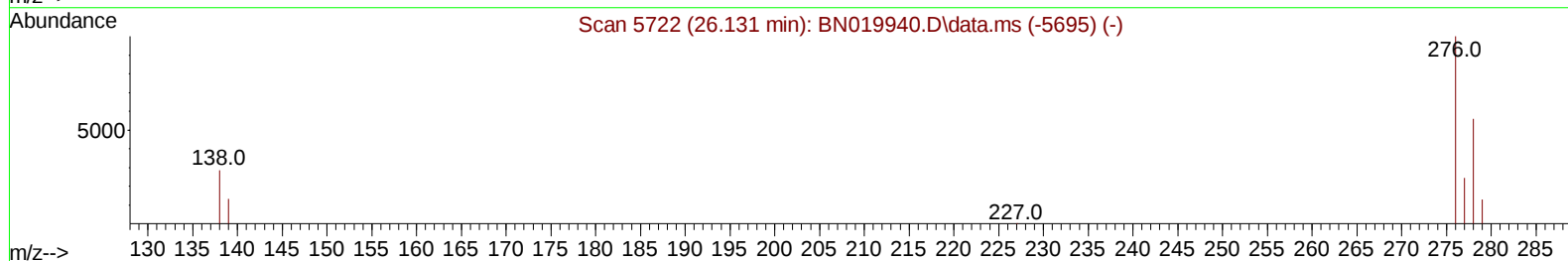
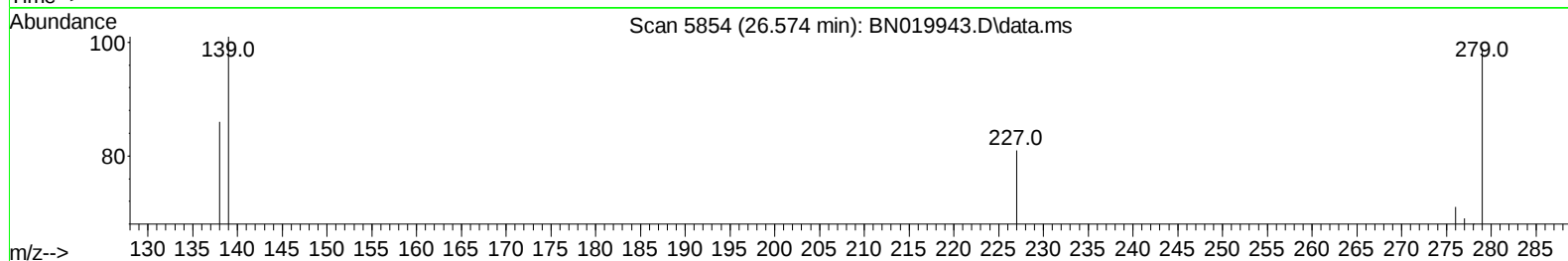
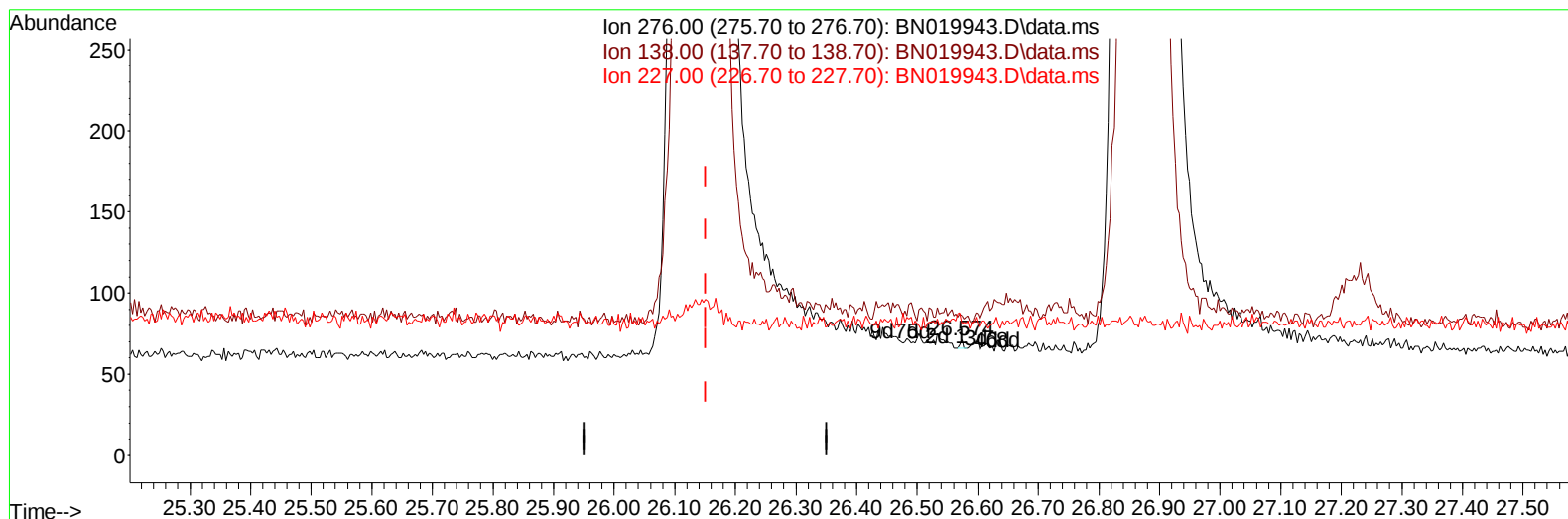
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

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

26.574min (+ 0.423) 0.00 ng/u1

response

1

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	29.50	0.00#
227.00	0.00	1000.00#
0.00	0.00	0.00

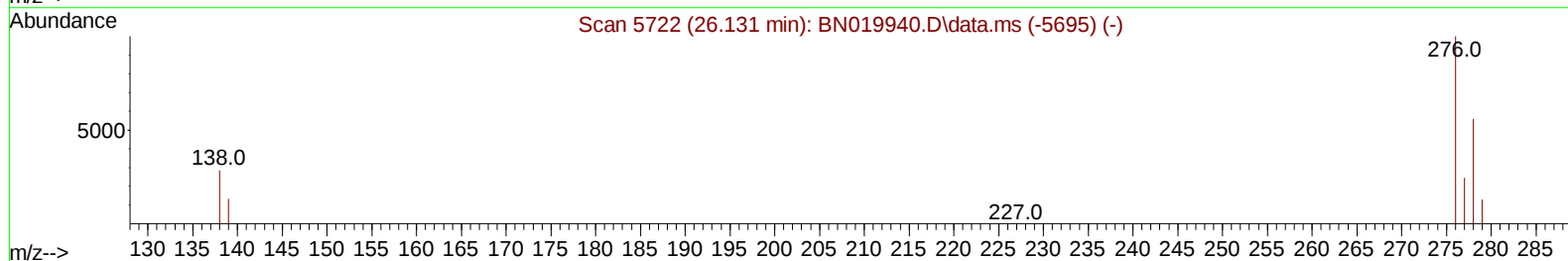
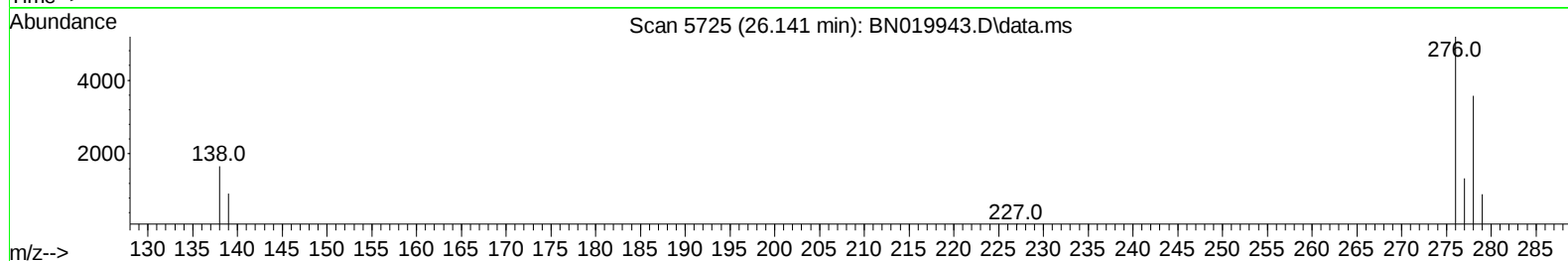
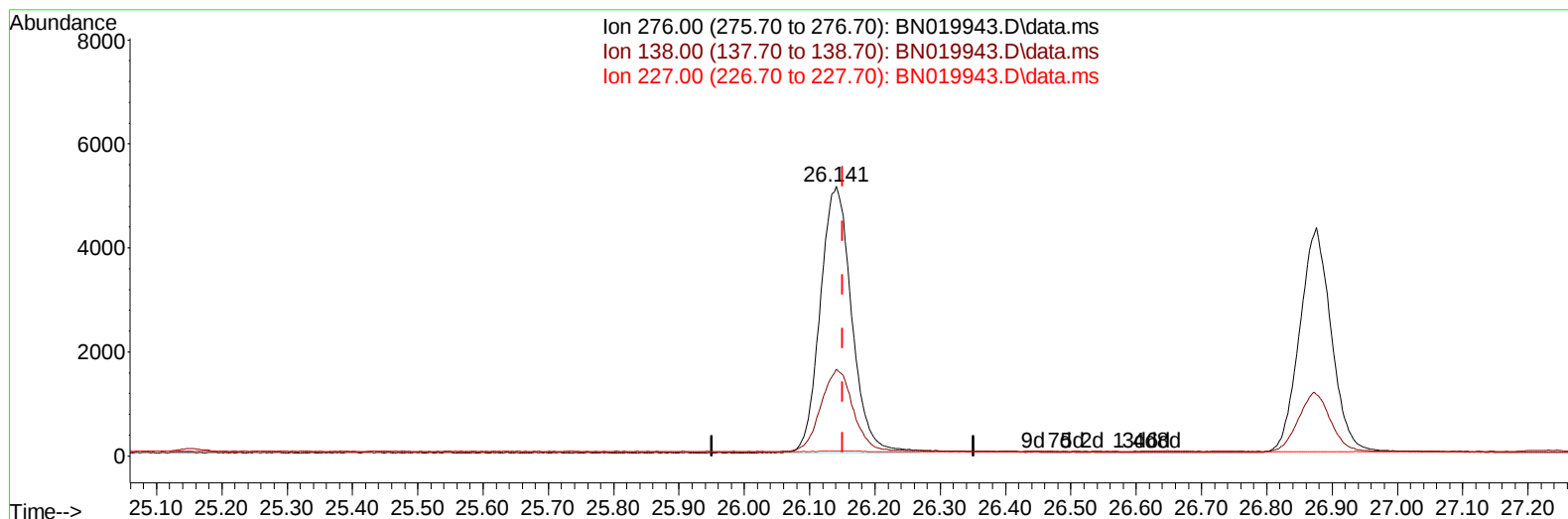
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

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

26.141min (-0.010) 0.37 ng/ul m

response 17204

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	29.50	0.00#
227.00	0.00	0.06#
0.00	0.00	0.00

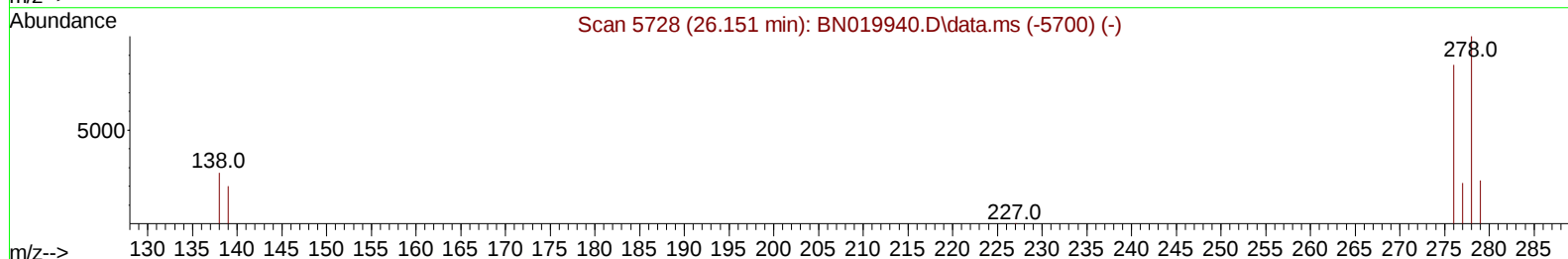
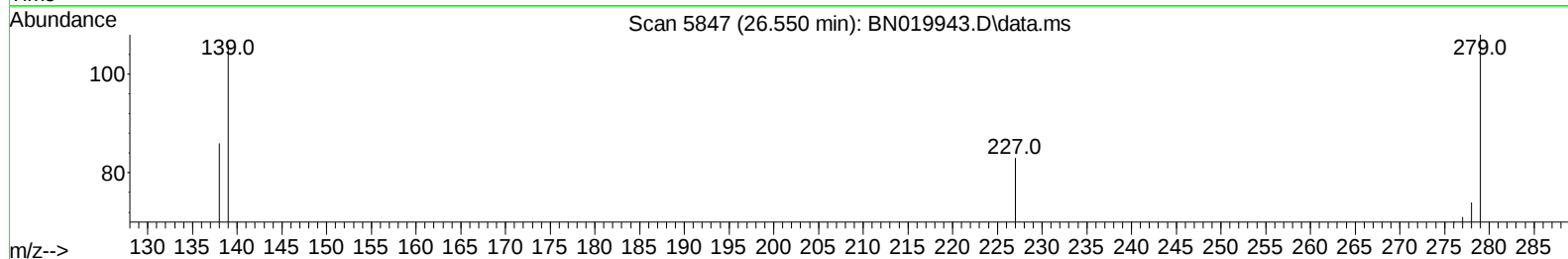
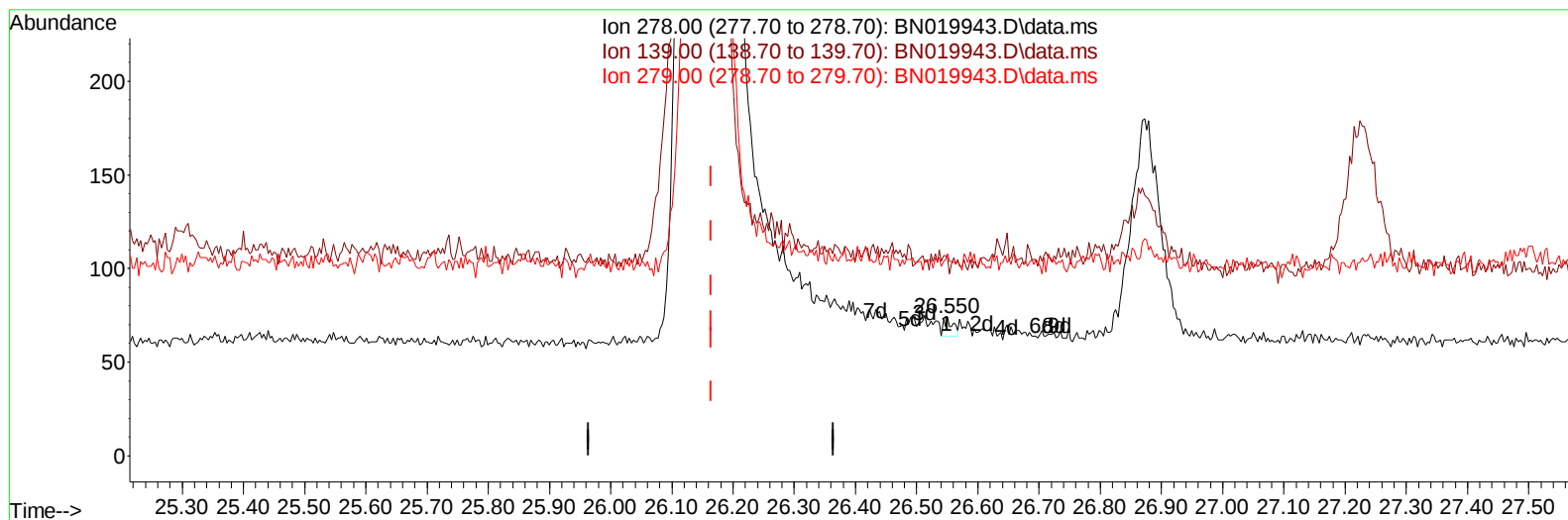
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration



TIC: BN019943.D\data.ms

(28) Dibenzo(a,h)anthracene

26.550min (+ 0.386) 0.00 ng/u1

response 10

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.30	143.24#
279.00	43.90	145.95#
0.00	0.00	0.00

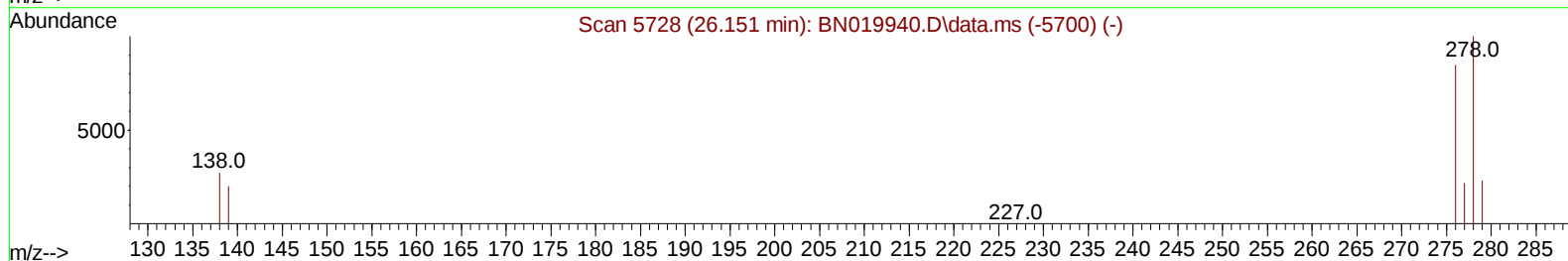
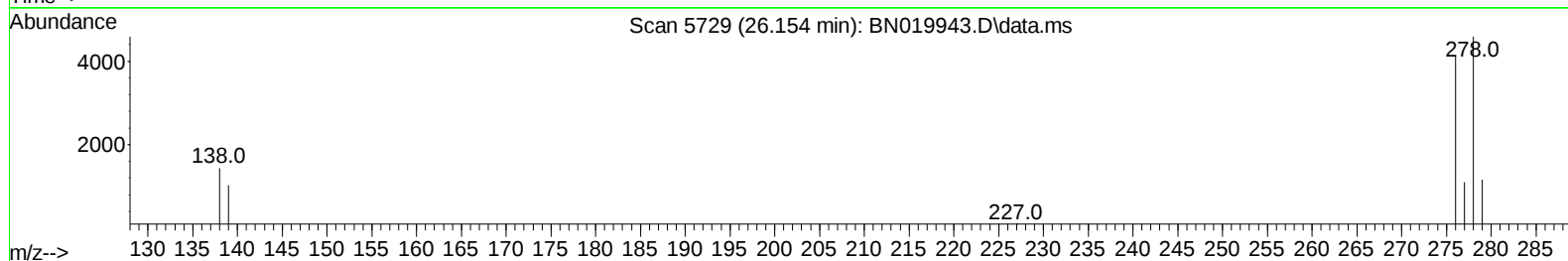
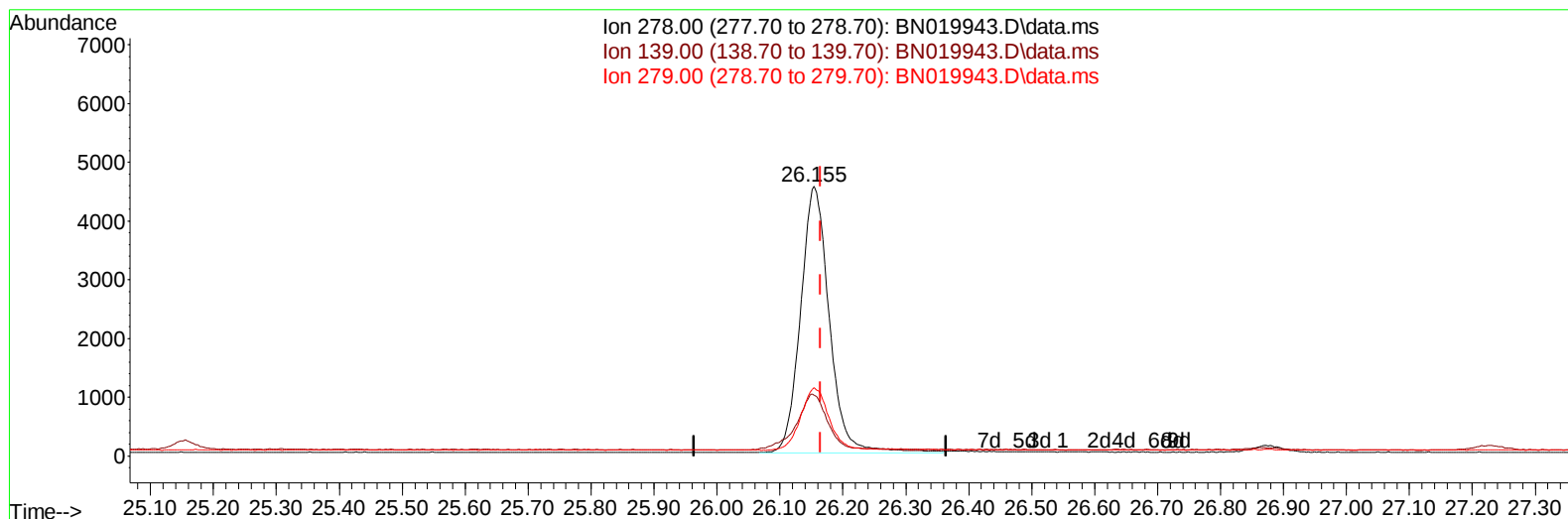
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

(28) Dibenzo(a,h)anthracene

26.154min (-0.010) 0.38 ng/ul m

response 14478

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.30	22.44
279.00	43.90	25.30#
0.00	0.00	0.00

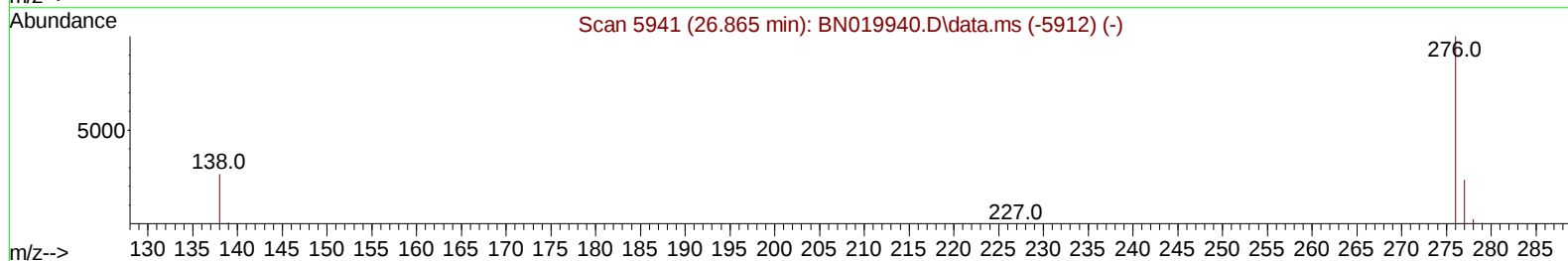
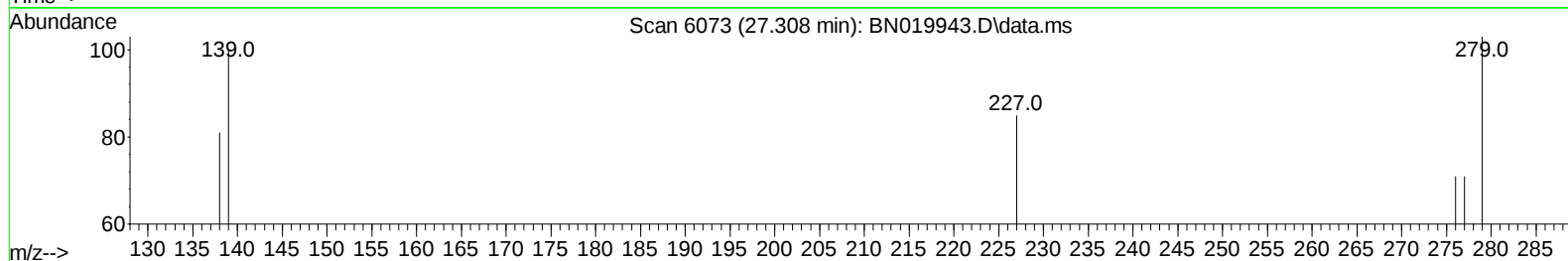
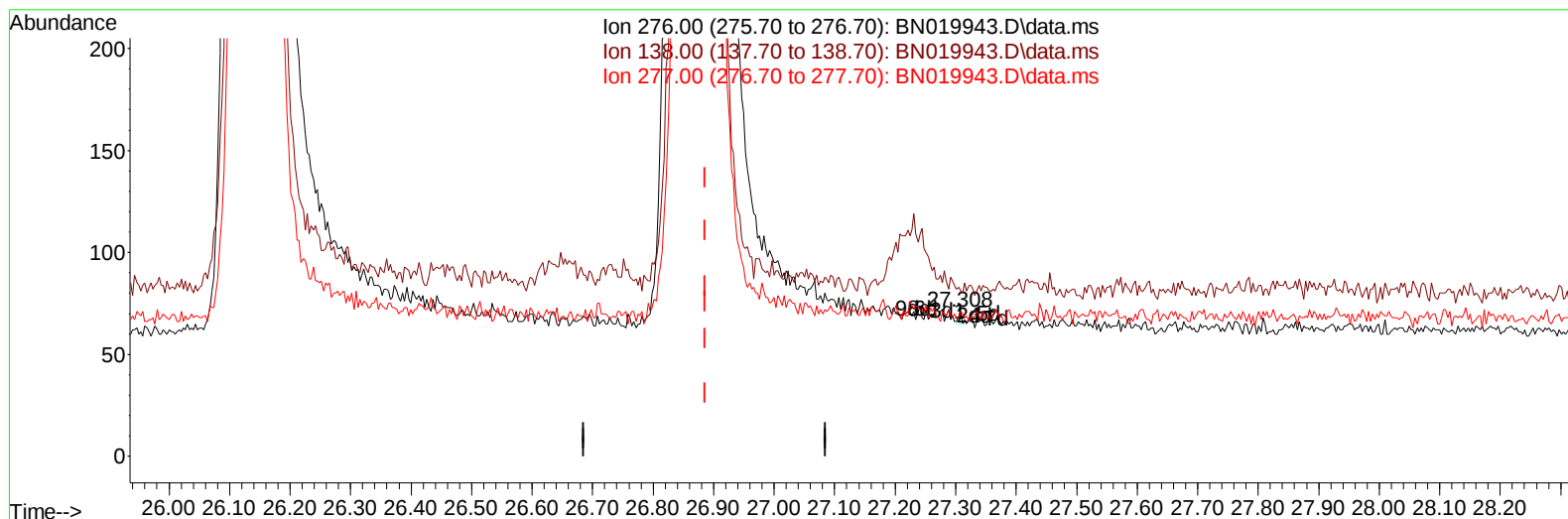
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
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Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022



TIC: BN019943.D\data.ms

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

27.308min (+ 0.423) 0.00 ng/u1

response 2

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	114.08#
277.00	25.50	100.00#
0.00	0.00	0.00

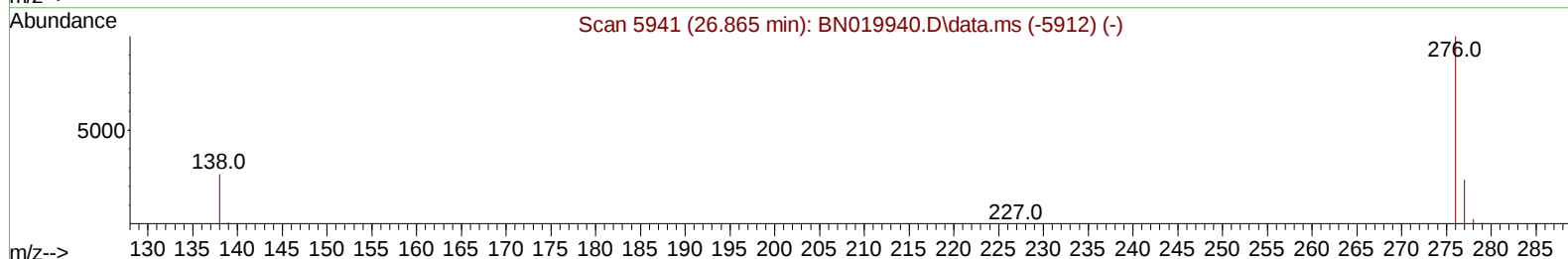
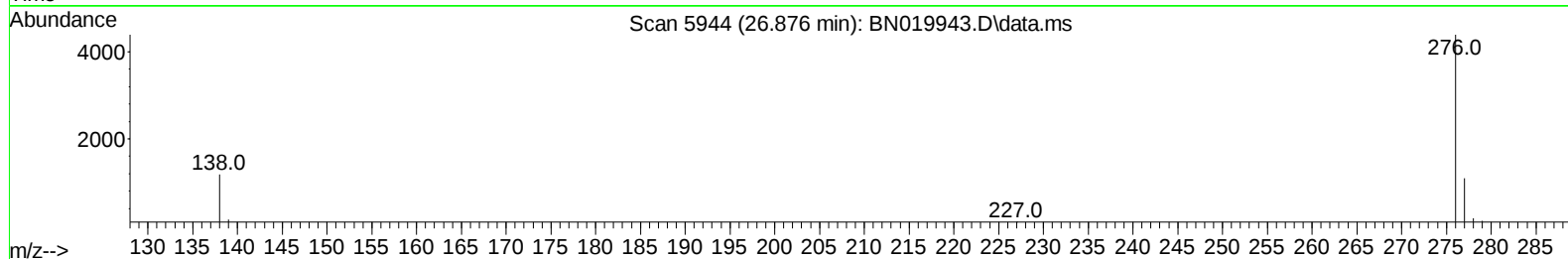
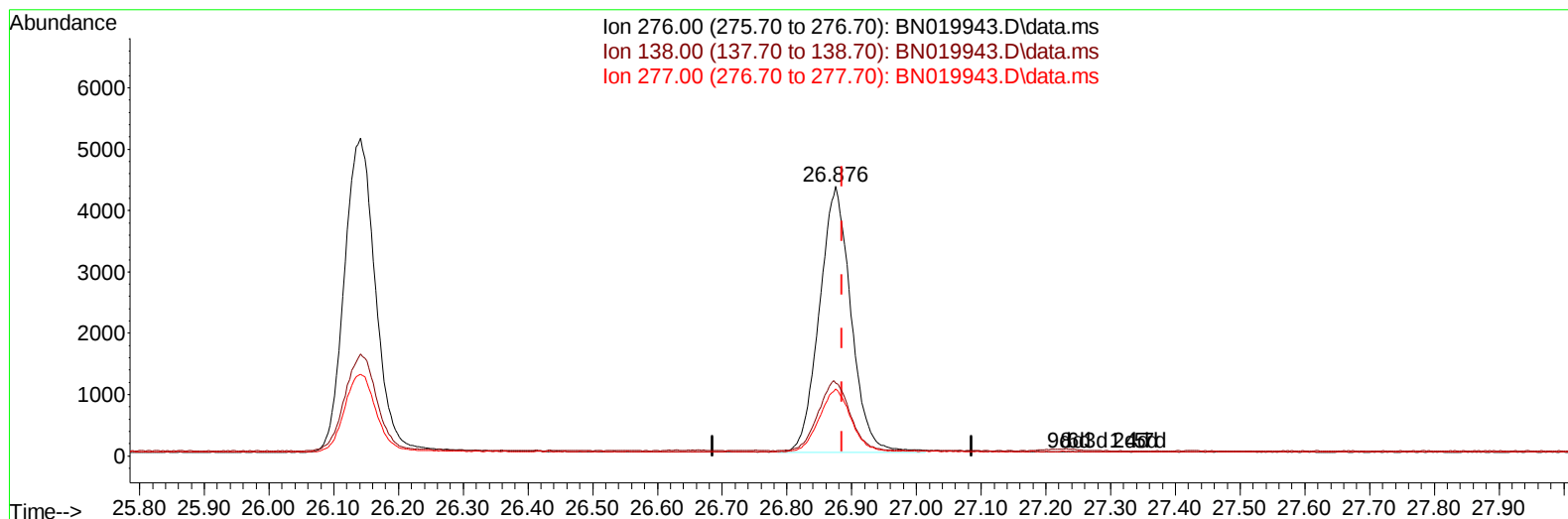
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MSD

Manual IntegrationsAPPROVED

Quant Time: May 26 01:18:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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TIC: BN019943.D\data.ms

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

26.876min (-0.010) 0.38 ng/ul m

response 14731

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.91
277.00	25.50	24.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019943.D
 Acq On : 25 May 2022 10:02
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	15756m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	9720m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	19116m	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	13477m	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10470m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	969	0.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	8249m	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	21135m	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	2549	0.577	ng/ul#	84
5) Naphthalene	10.683	128	508410	10.288	ng/ul	98
7) 2-Methylnaphthalene	12.295	142	225420m	6.884	ng/ul	
8) 1-Methylnaphthalene	12.515	142	176409m	5.787	ng/ul	
10) Acenaphthylene	14.187	152	38134m	0.688	ng/ul	
11) Acenaphthene	14.534	153	364155m	9.702	ng/ul	
12) Fluorene	15.515	166	116930m	2.786	ng/ul	
14) Pentachlorophenol	16.863	266	4472m	1.405	ng/ul	
15) Phenanthrene	17.251	178	35257m	0.524	ng/ul	
16) Anthracene	17.340	178	27469m	0.436	ng/ul	
19) Fluoranthene	19.267	202	26840m	0.399	ng/ul	
20) Pyrene	19.629	202	26849m	0.393	ng/ul	
21) Benzo(a)anthracene	21.382	228	20077m	0.365	ng/ul	
22) Chrysene	21.435	228	19984m	0.359	ng/ul	
24) Benzo(b)fluoranthene	23.028	252	17627m	0.381	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	16908m	0.375	ng/ul	
26) Benzo(a)pyrene	23.630	252	16136m	0.369	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.141	276	17204m	0.375	ng/ul	
28) Dibenzo(a,h)anthracene	26.154	278	14478m	0.385	ng/ul	
29) Benzo(g,h,i)perylene	26.876	276	14731m	0.375	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
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Acq On : 25 May 2022 10:02
Operator : CG/JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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