

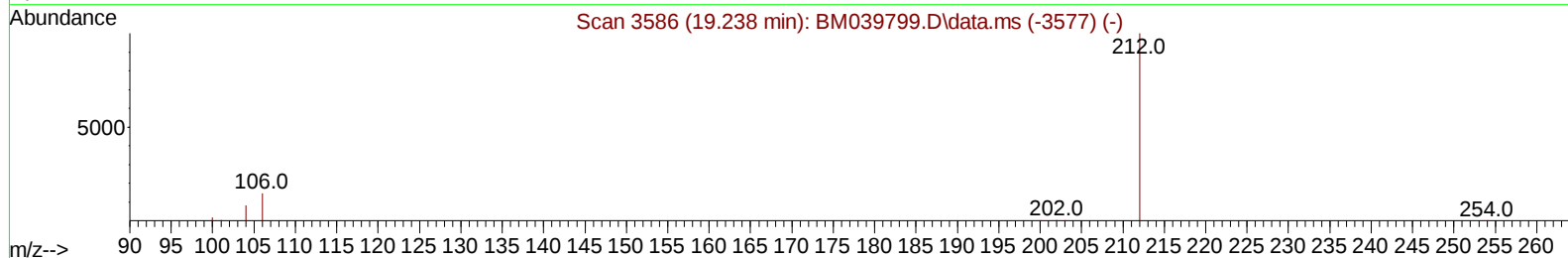
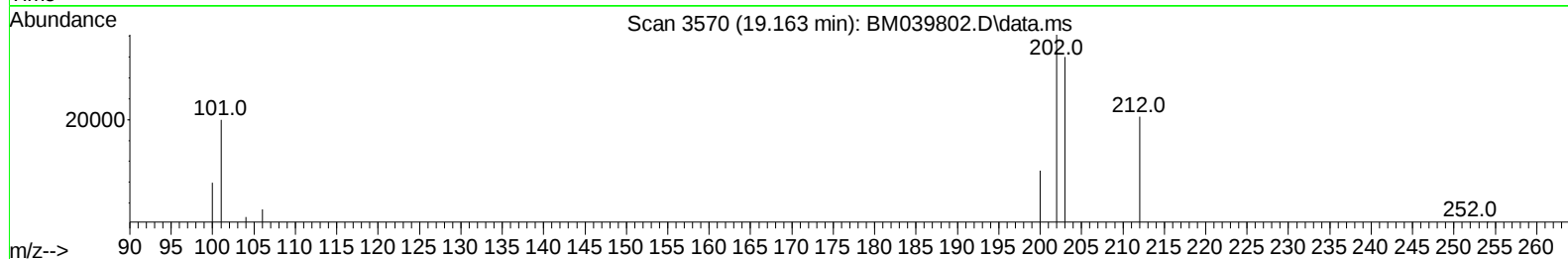
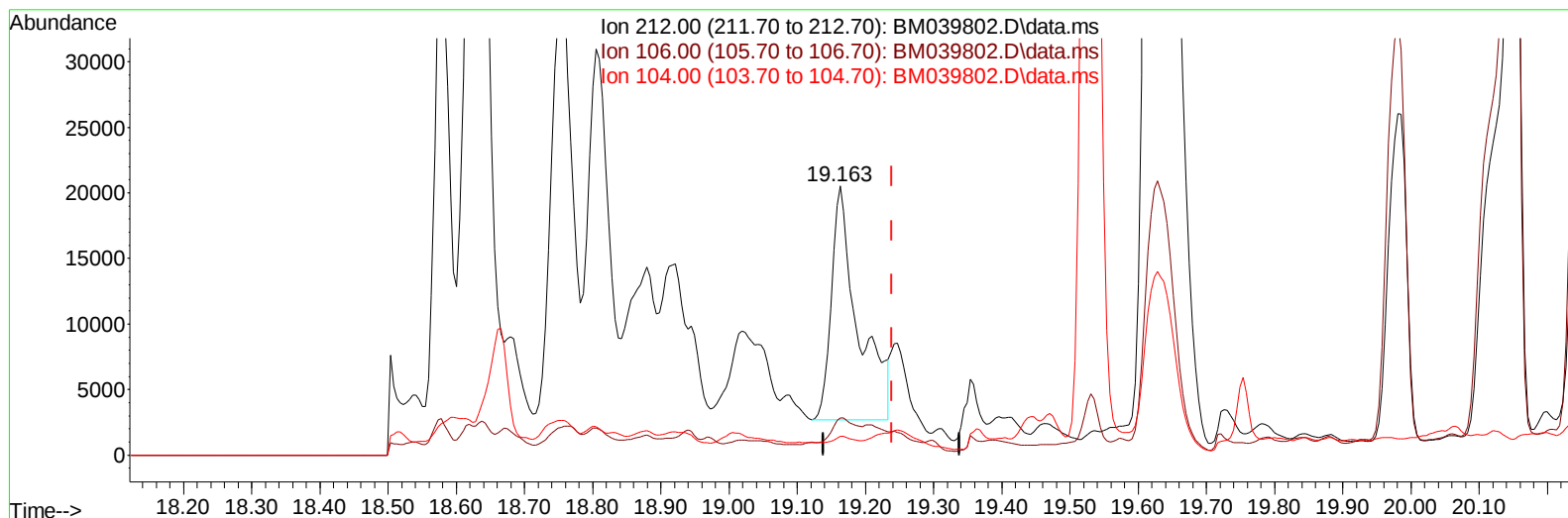
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.163min (-0.076) 1.47 ng/u1

response 47925

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	17.64
104.00	8.40	1.94#
0.00	0.00	0.00

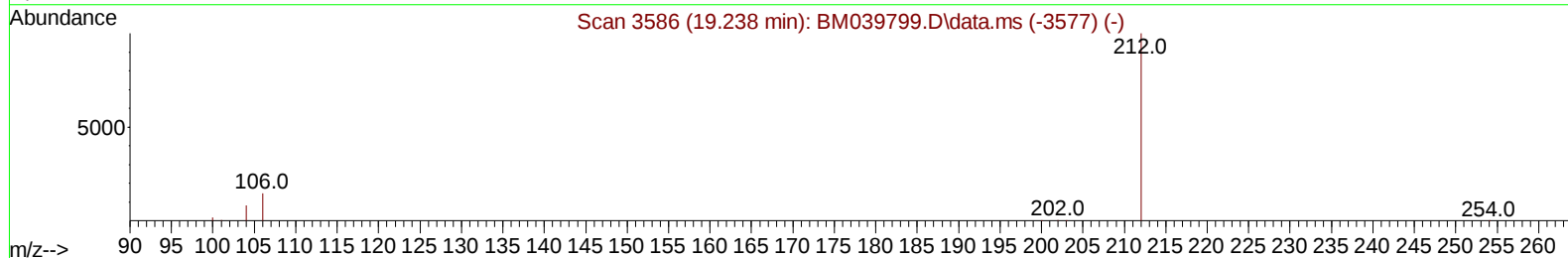
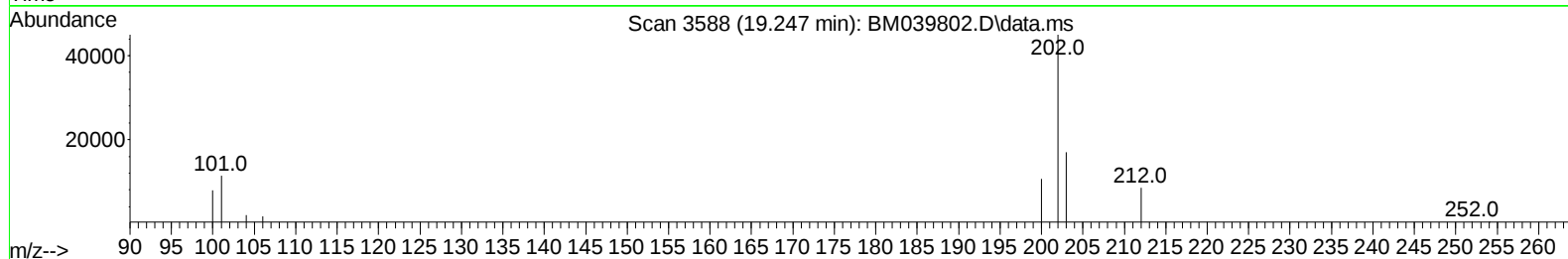
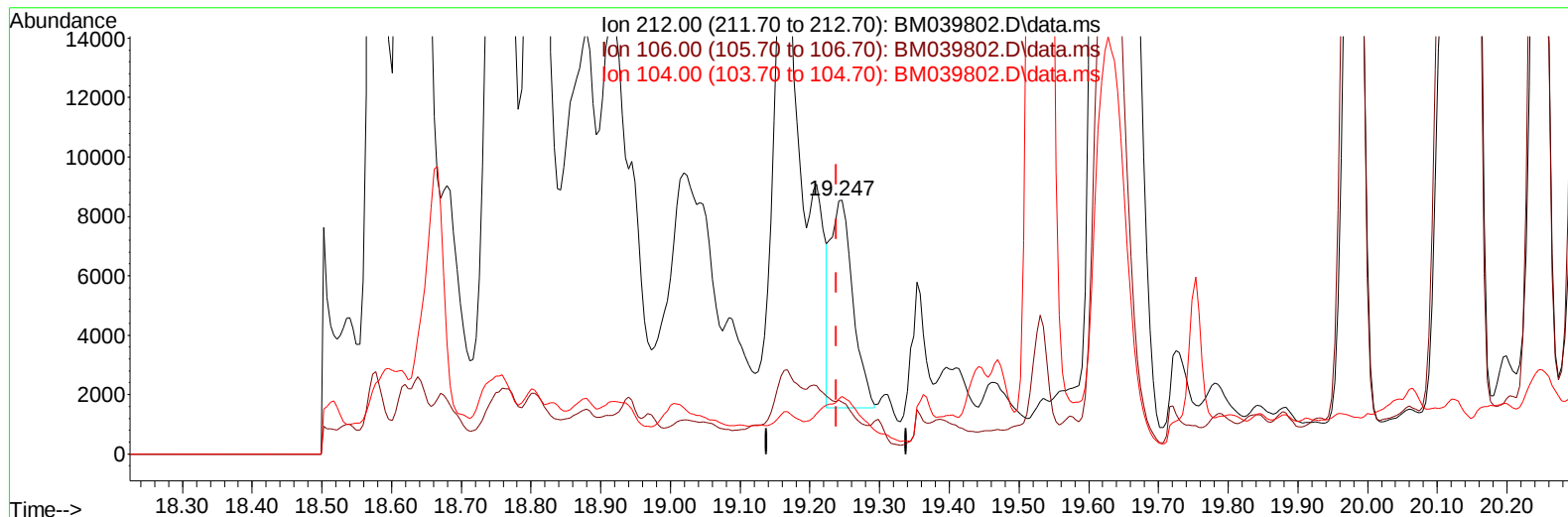
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.247min (+ 0.008) 0.48 ng/u1 m

response 15556

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	54.33#
104.00	8.40	5.99#
0.00	0.00	0.00

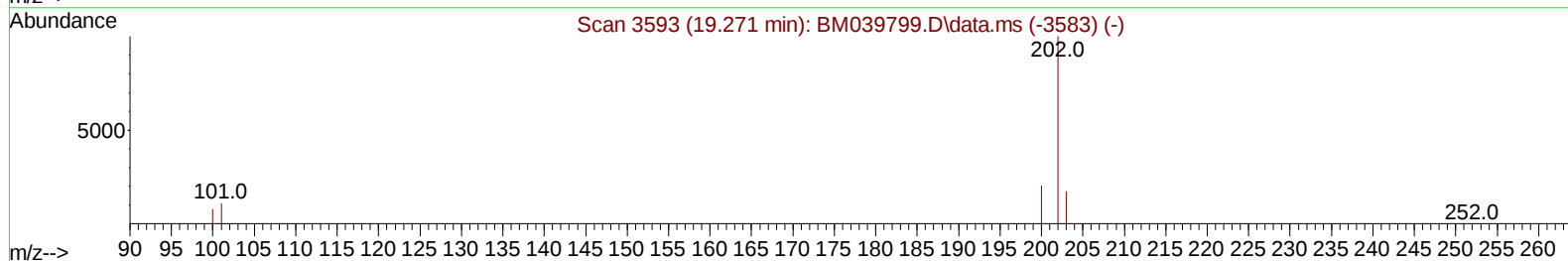
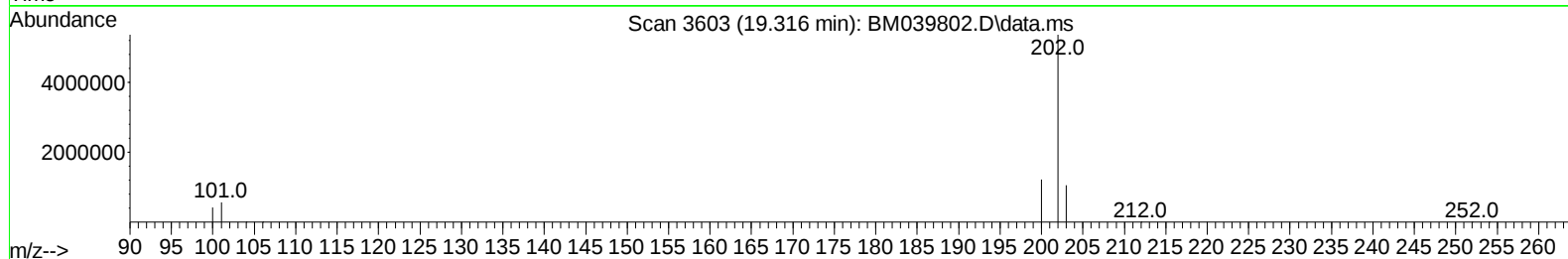
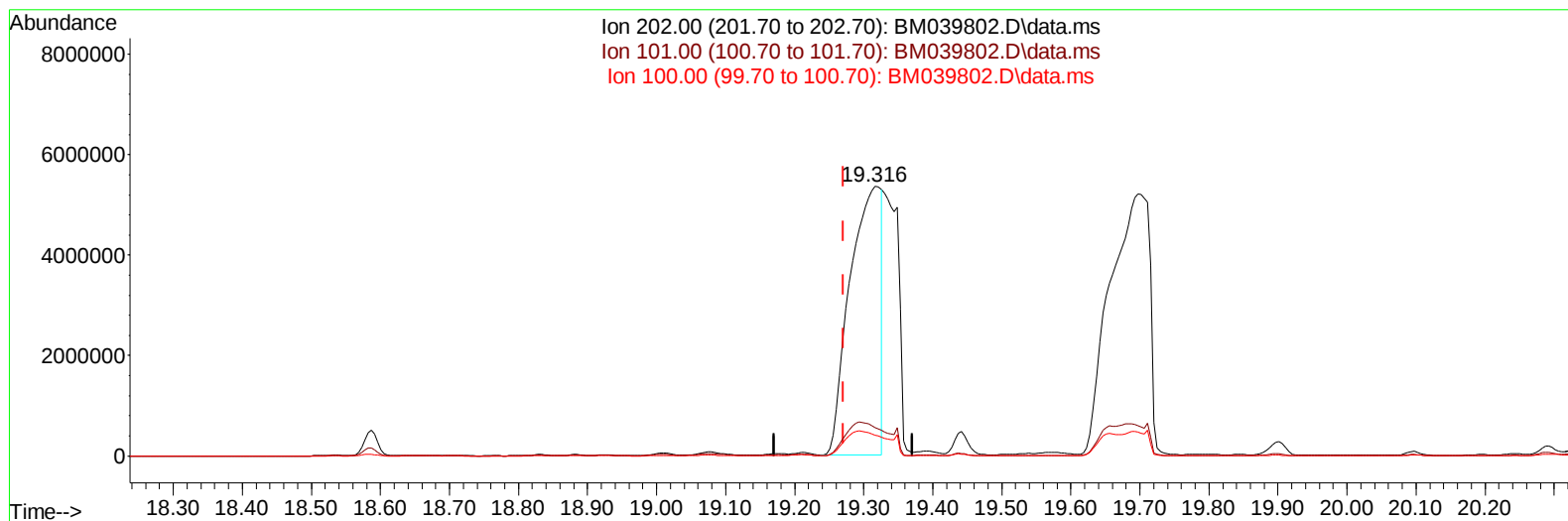
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration



TIC: BM039802.D\data.ms

(19) Fluoranthene (C)

19.316min (+ 0.045) 389.67 ng/u1

response 16814313

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	10.50
100.00	9.10	7.68
0.00	0.00	0.00

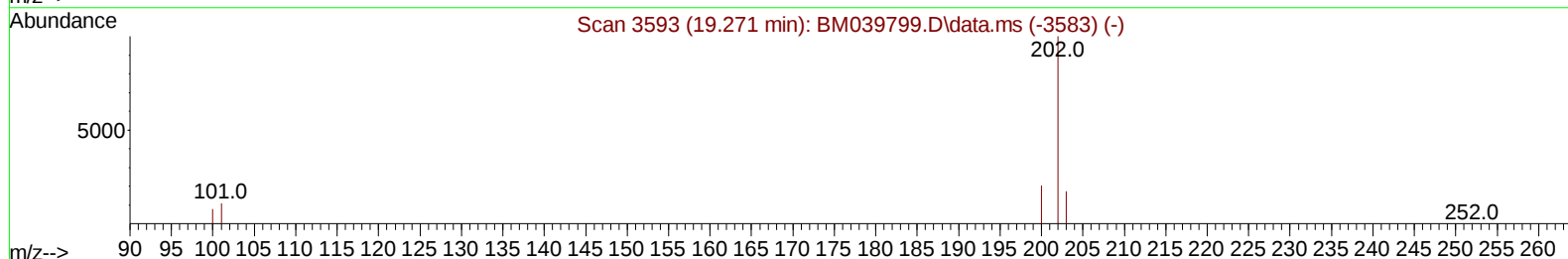
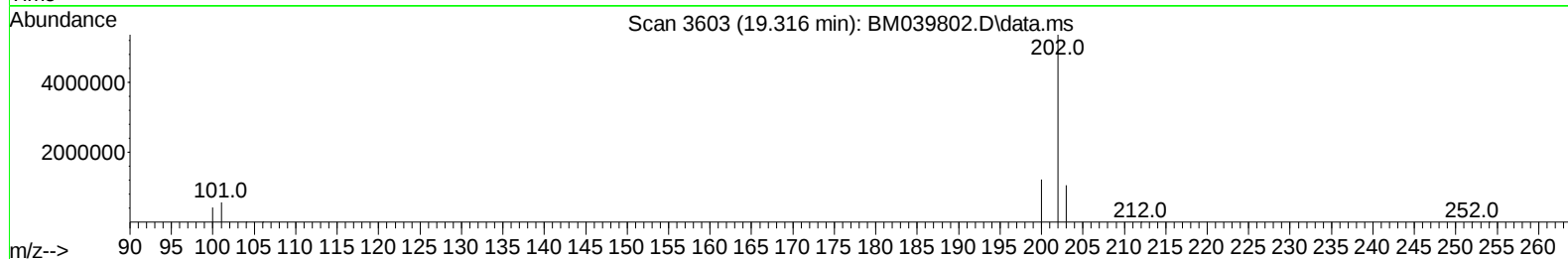
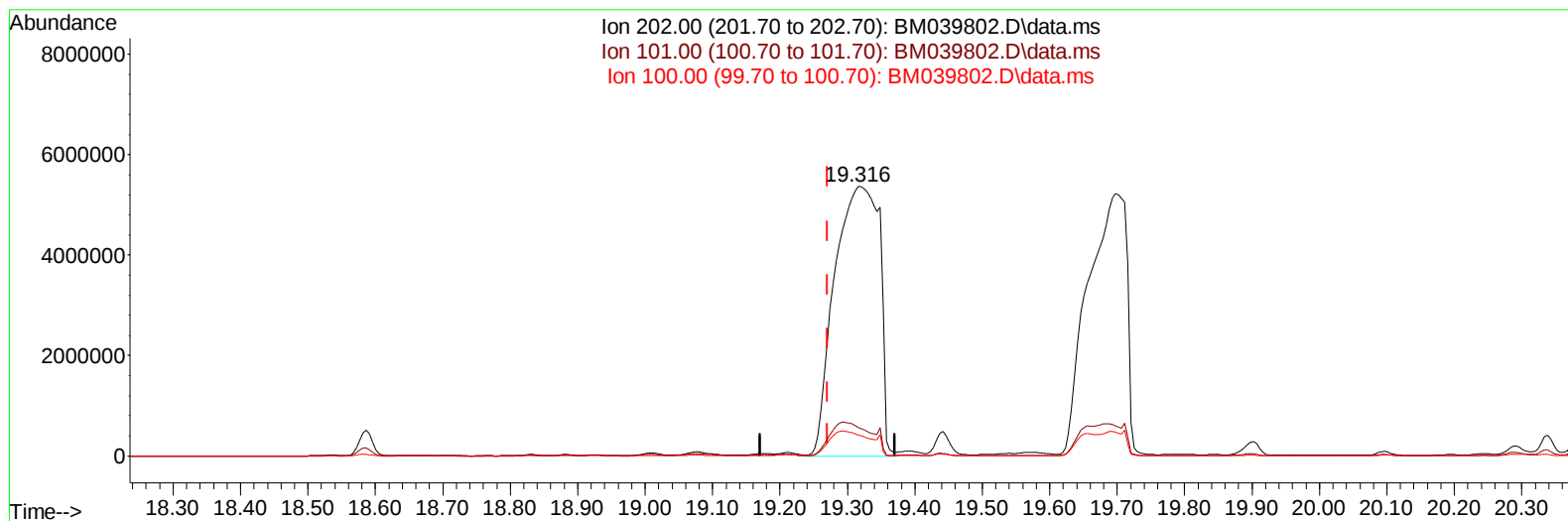
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(19) Fluoranthene (C)

19.316min (+ 0.045) 576.94 ng/u1 m

response 24894836

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	10.50
100.00	9.10	7.68
0.00	0.00	0.00

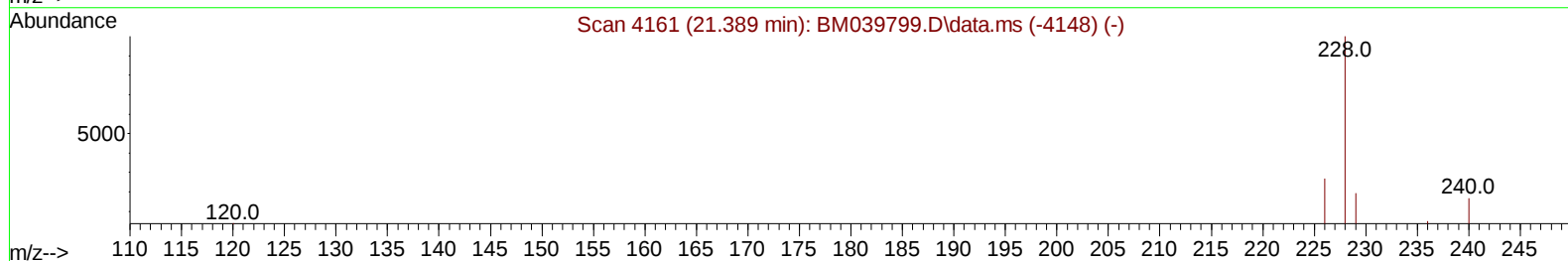
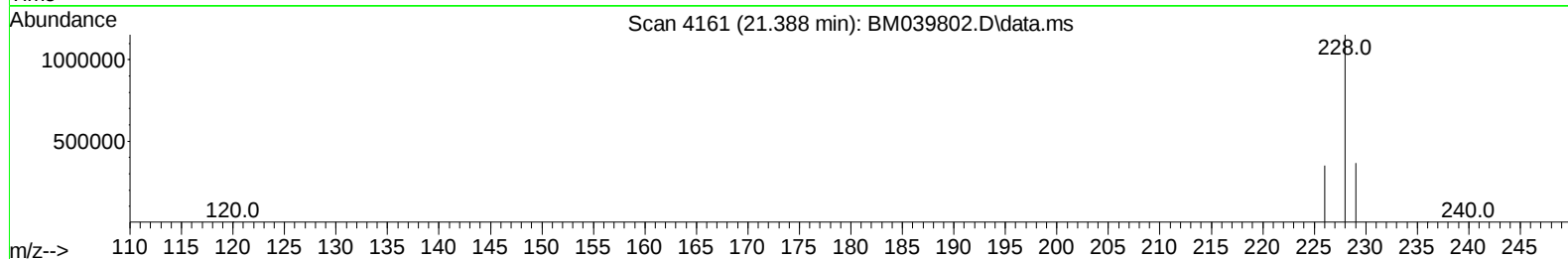
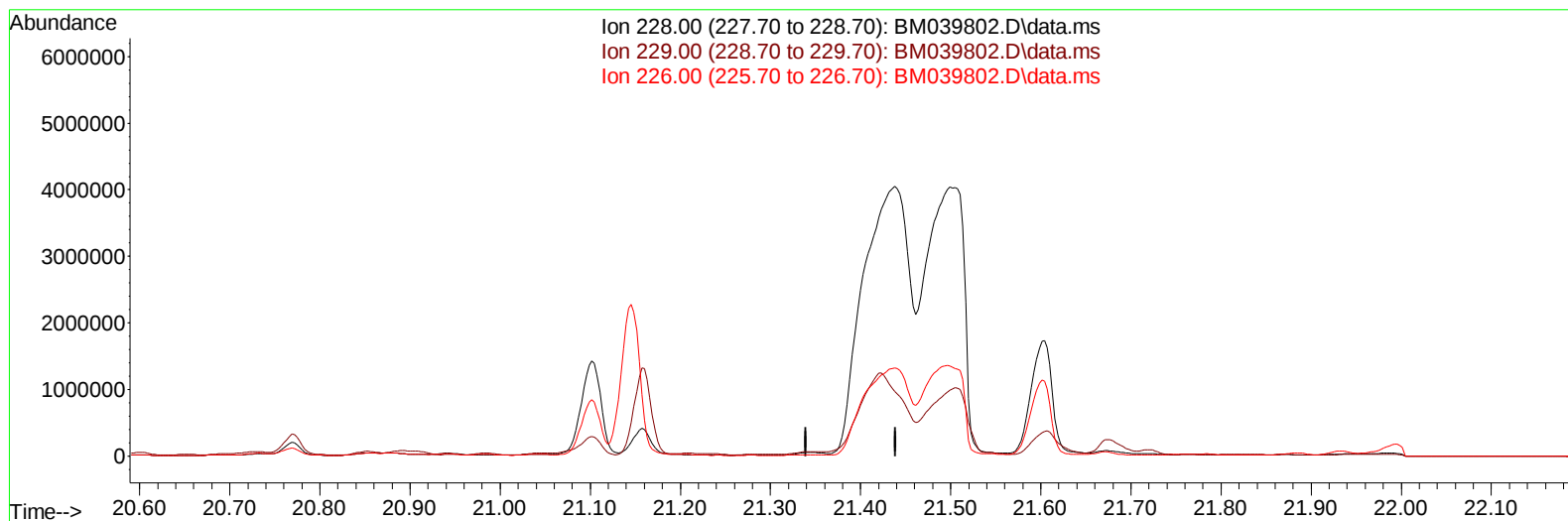
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(21) Benzo(a)anthracene

21.389min (-21.389) 0.00 ng/u1

response 0

Ion	Exp%	Act%
228.00	100.00	0.00
229.00	20.20	0.00#
226.00	27.00	0.00#
0.00	0.00	0.00

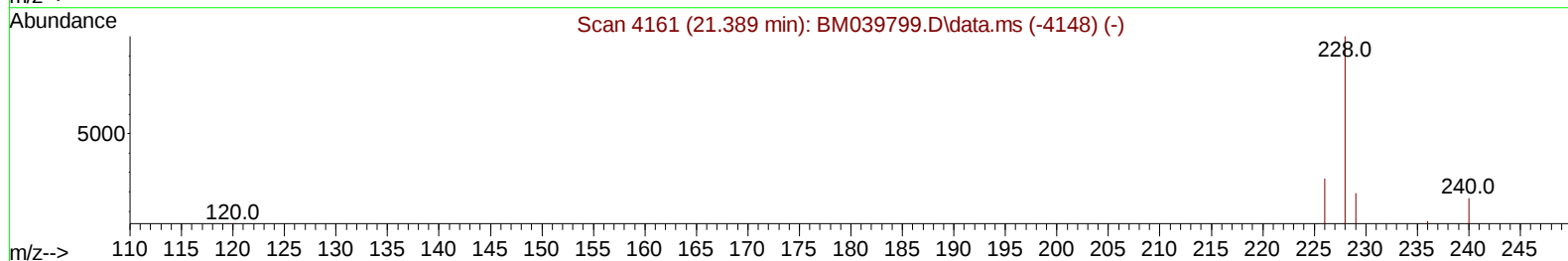
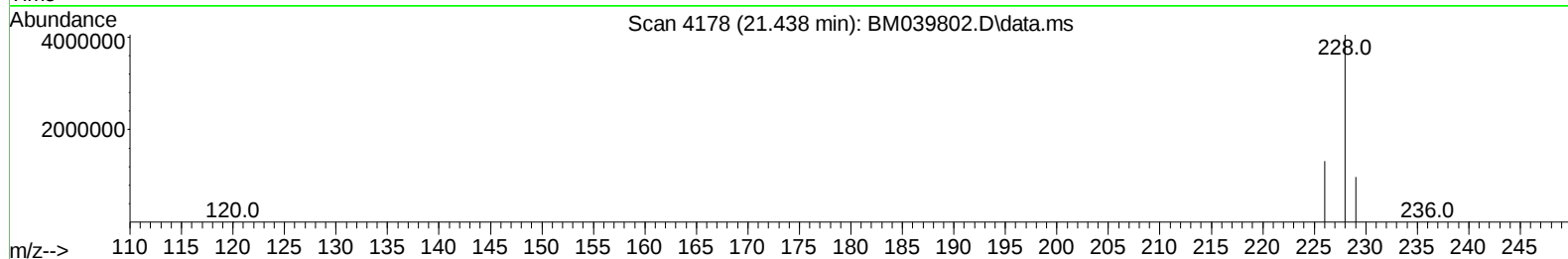
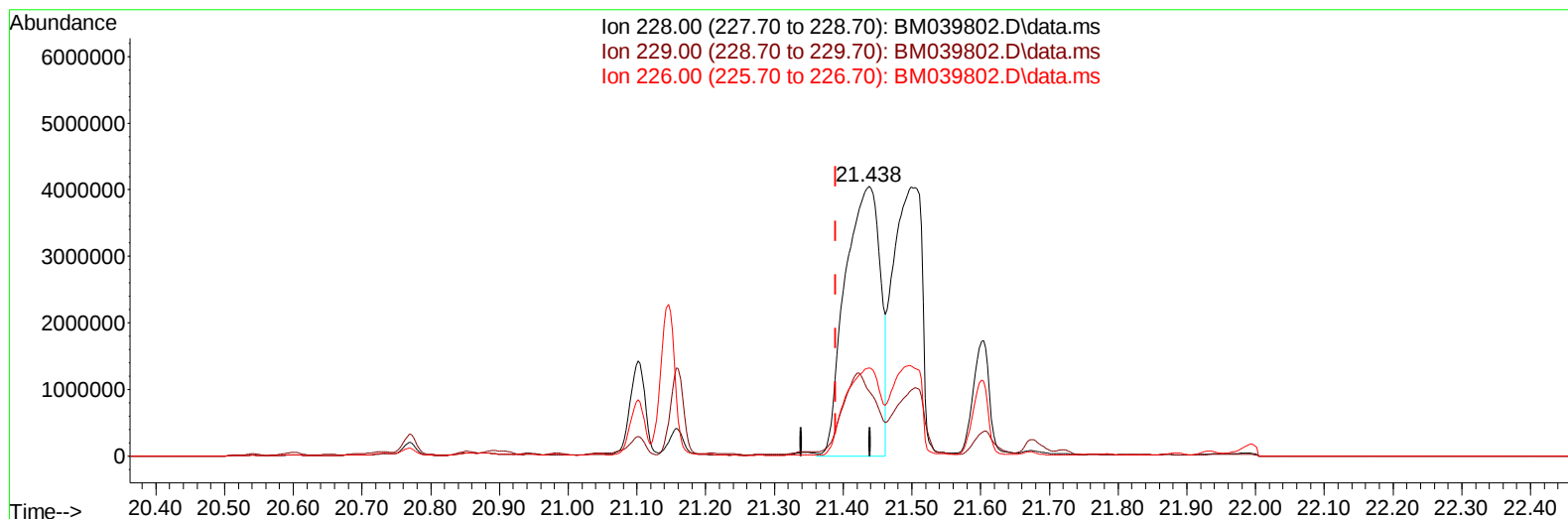
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(21) Benzo(a)anthracene

21.438min (+ 0.048) 412.82 ng/ul m

response 14355846

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.20	24.06
226.00	27.00	32.73#
0.00	0.00	0.00

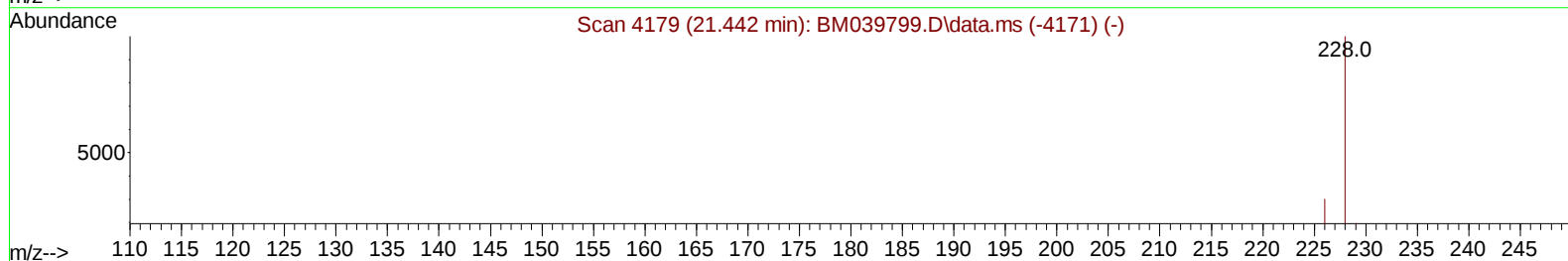
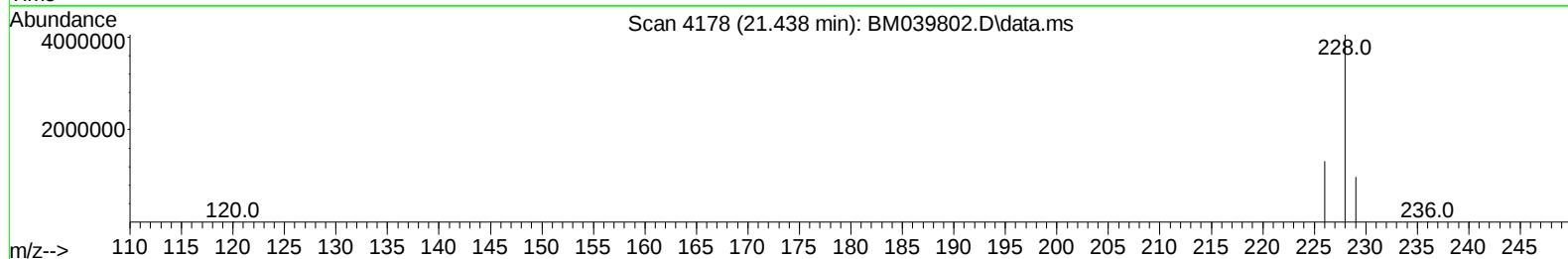
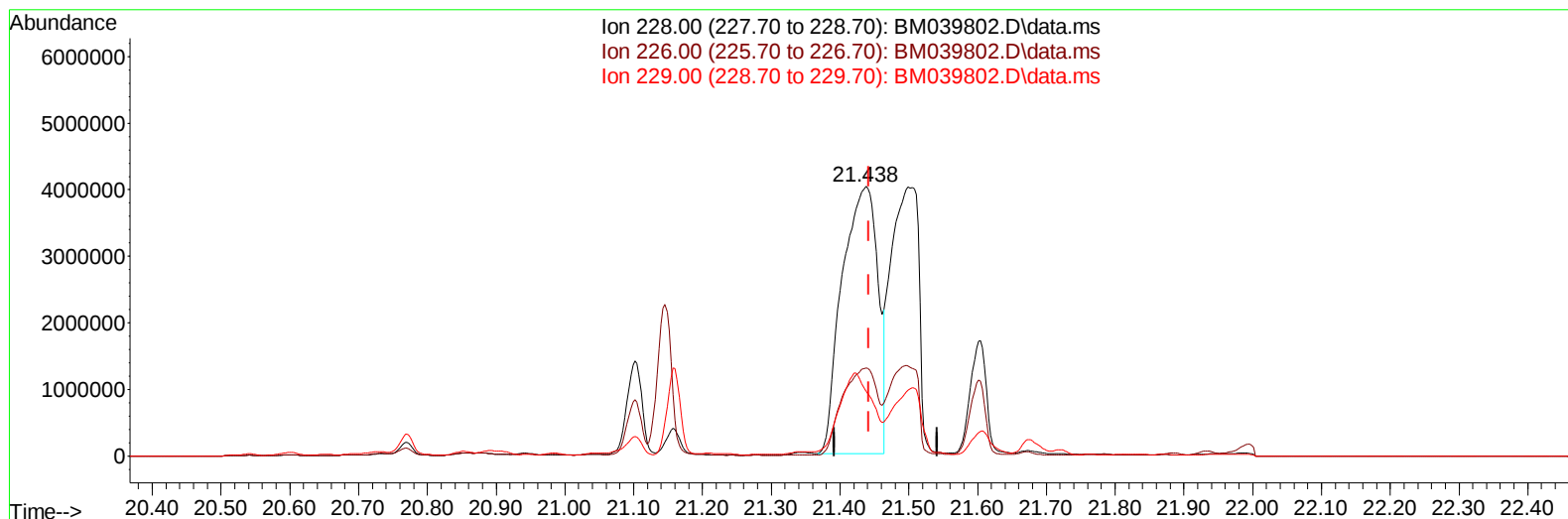
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(22) Chrysene

21.438min (-0.004) 368.62 ng/u1

response 14506613

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	32.73
229.00	19.90	24.06#
0.00	0.00	0.00

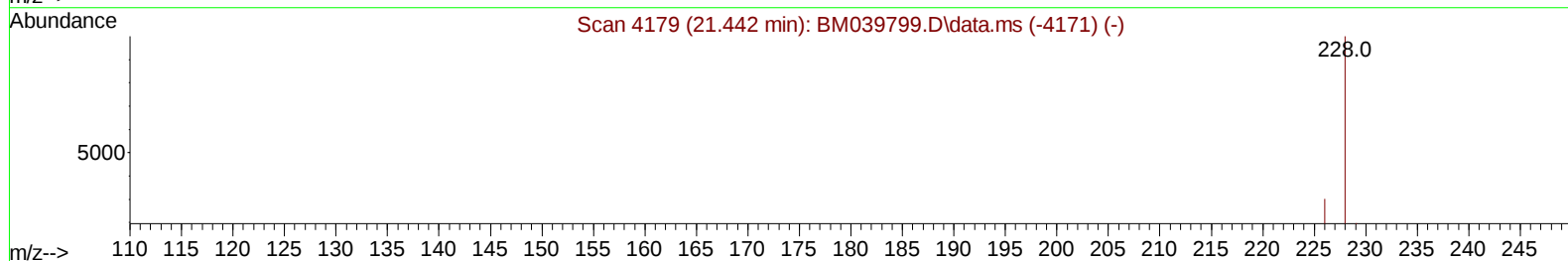
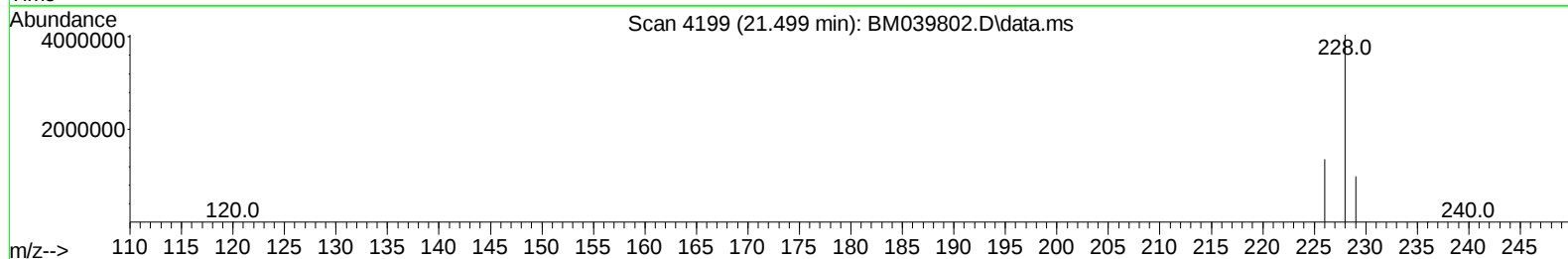
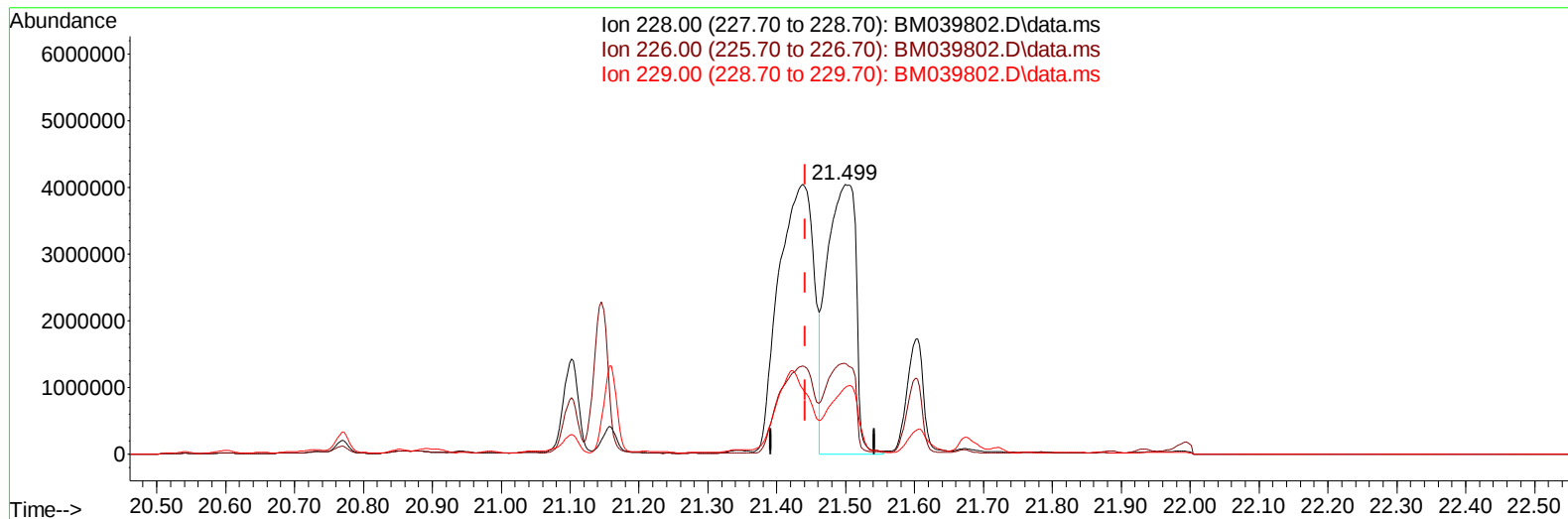
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(22) Chrysene

21.499min (+ 0.057) 298.99 ng/u1 m

response 11766428

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	33.52
229.00	19.90	24.56#
0.00	0.00	0.00

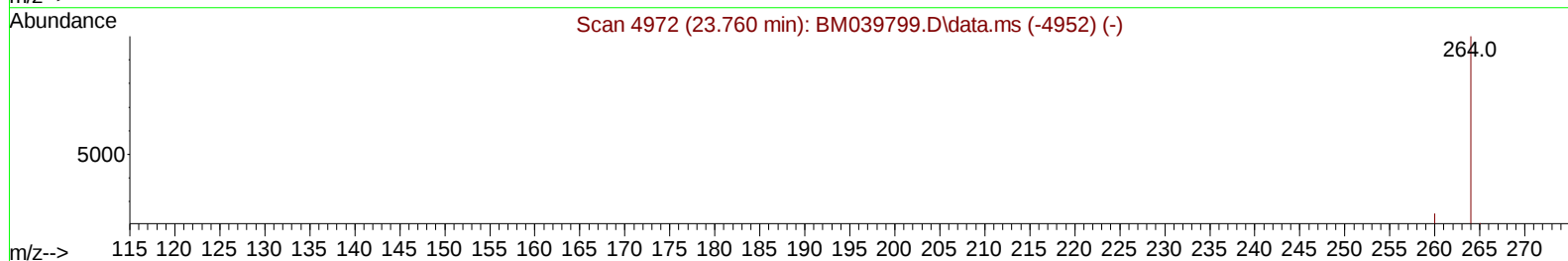
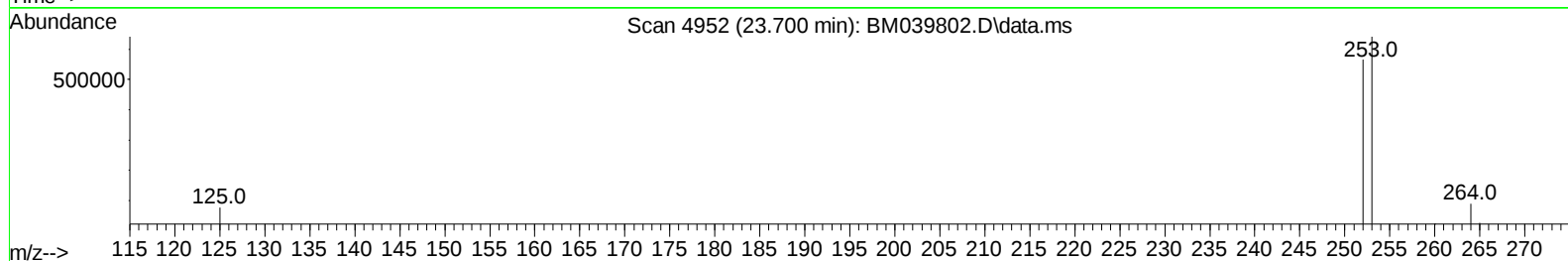
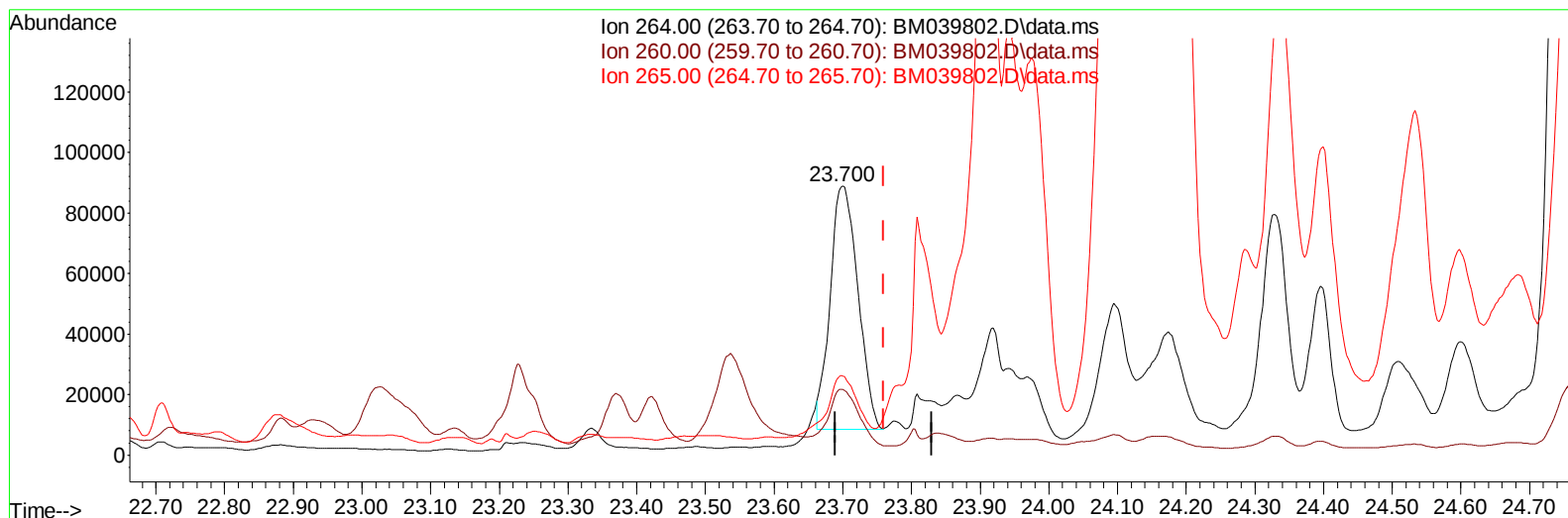
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(23) Perylene-d12 (I)

23.700min (-0.060) 0.40 ng/u1

response 224689

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	24.49
265.00	71.90	29.49#
0.00	0.00	0.00

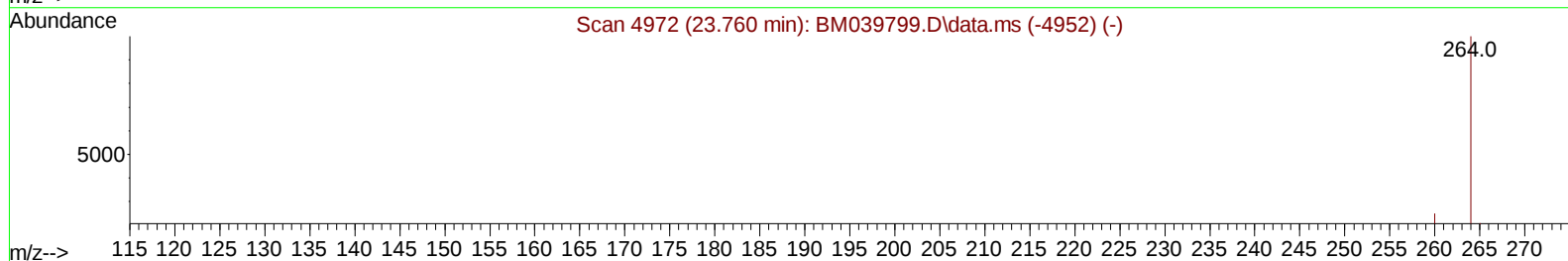
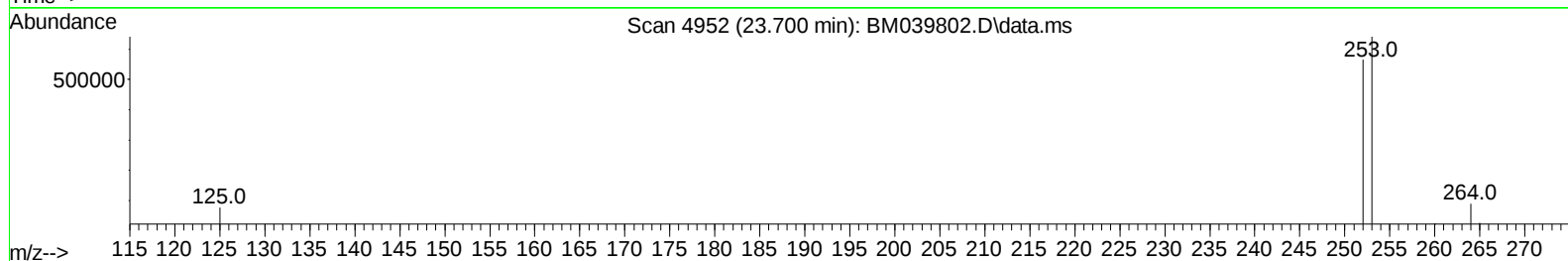
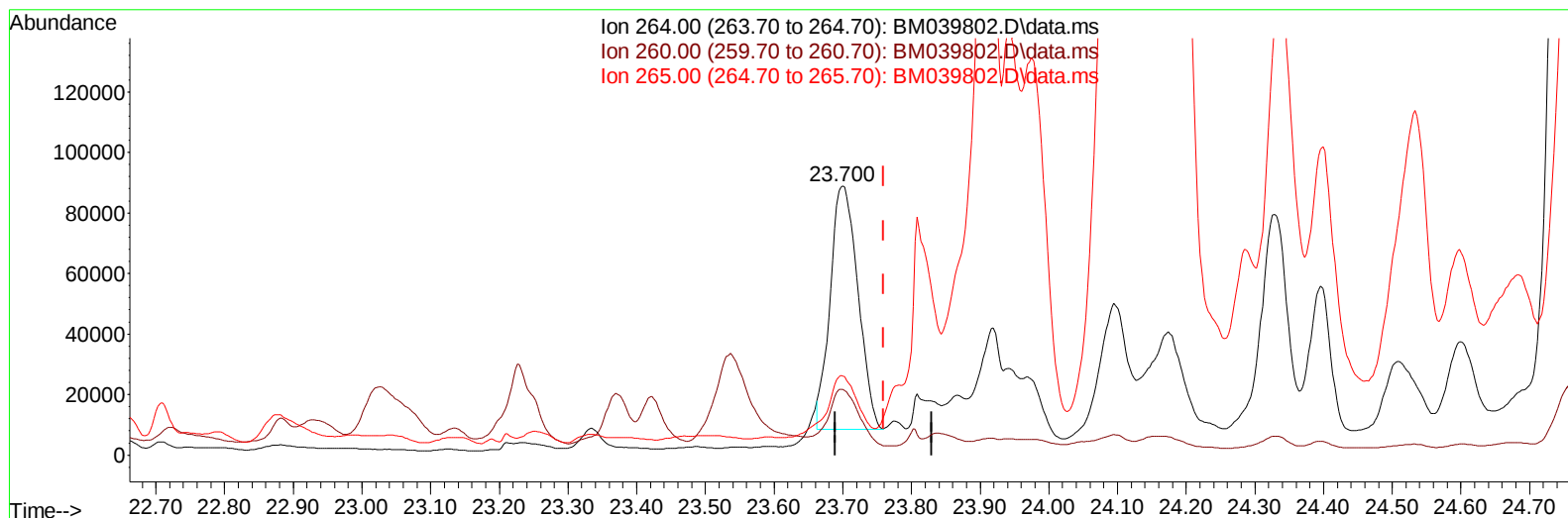
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(23) Perylene-d12 (I)

23.700min (-0.060) 0.40 ng/u1

response 224689

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	24.49
265.00	71.90	29.49#
0.00	0.00	0.00

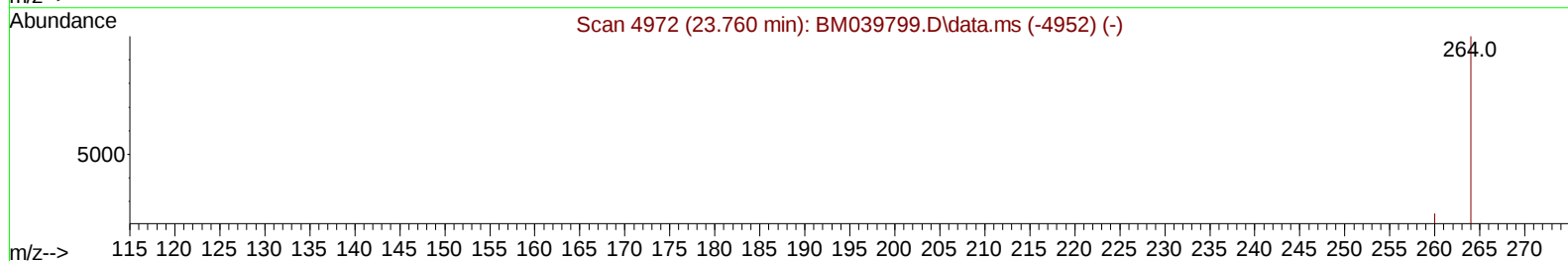
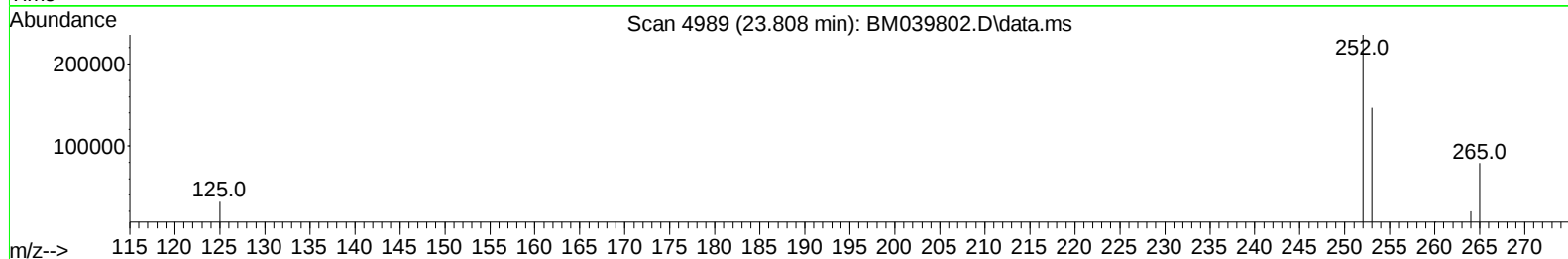
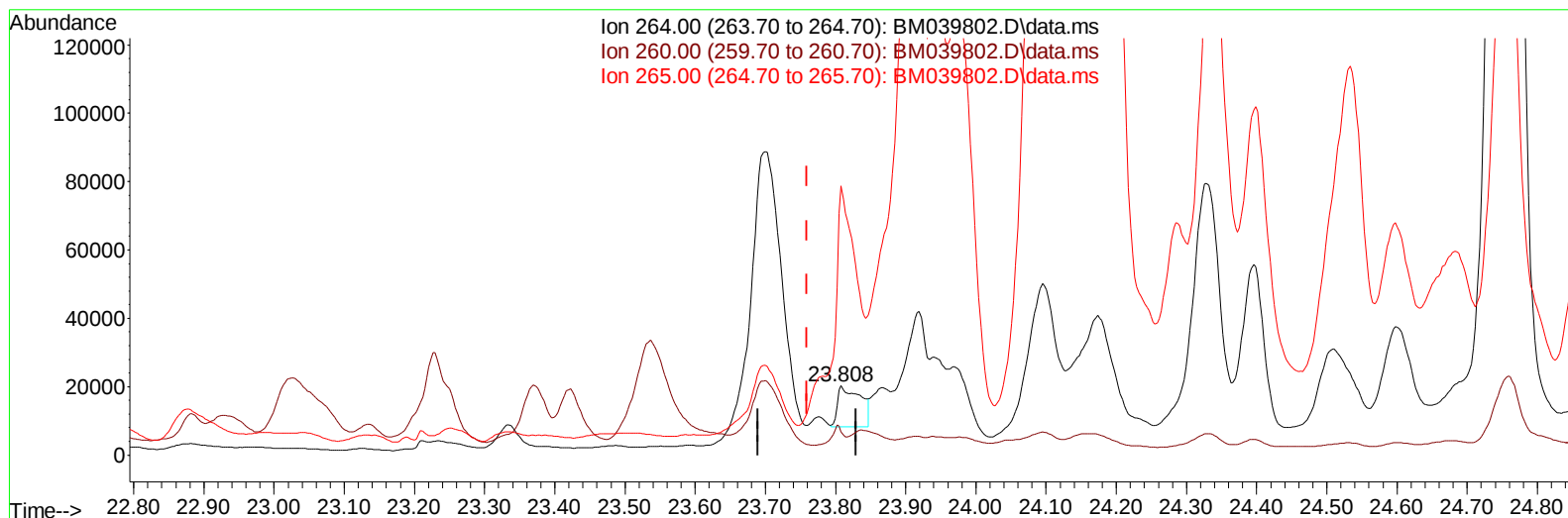
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(23) Perylene-d12 (I)

23.808min (+ 0.048) 0.40 ng/ul m

response 27192

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	33.69#
265.00	71.90	387.47#
0.00	0.00	0.00

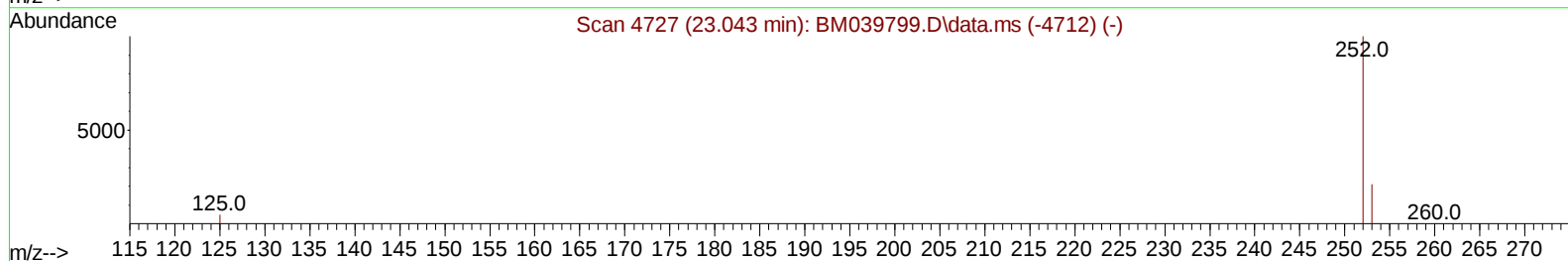
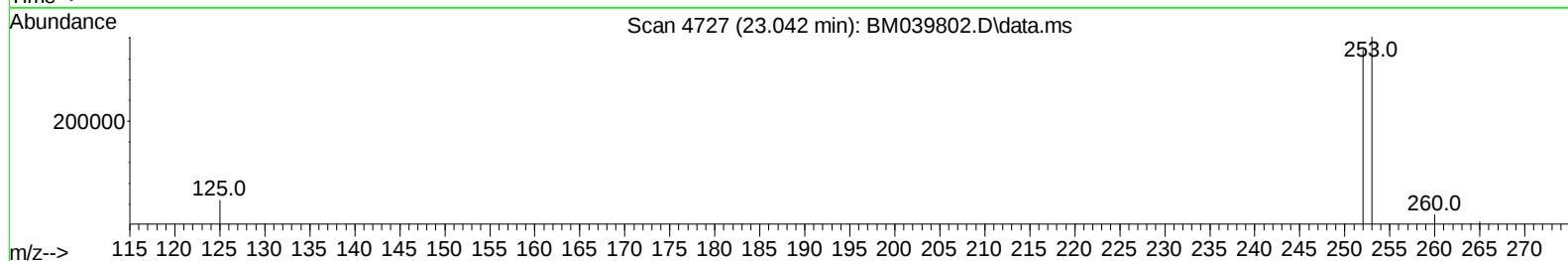
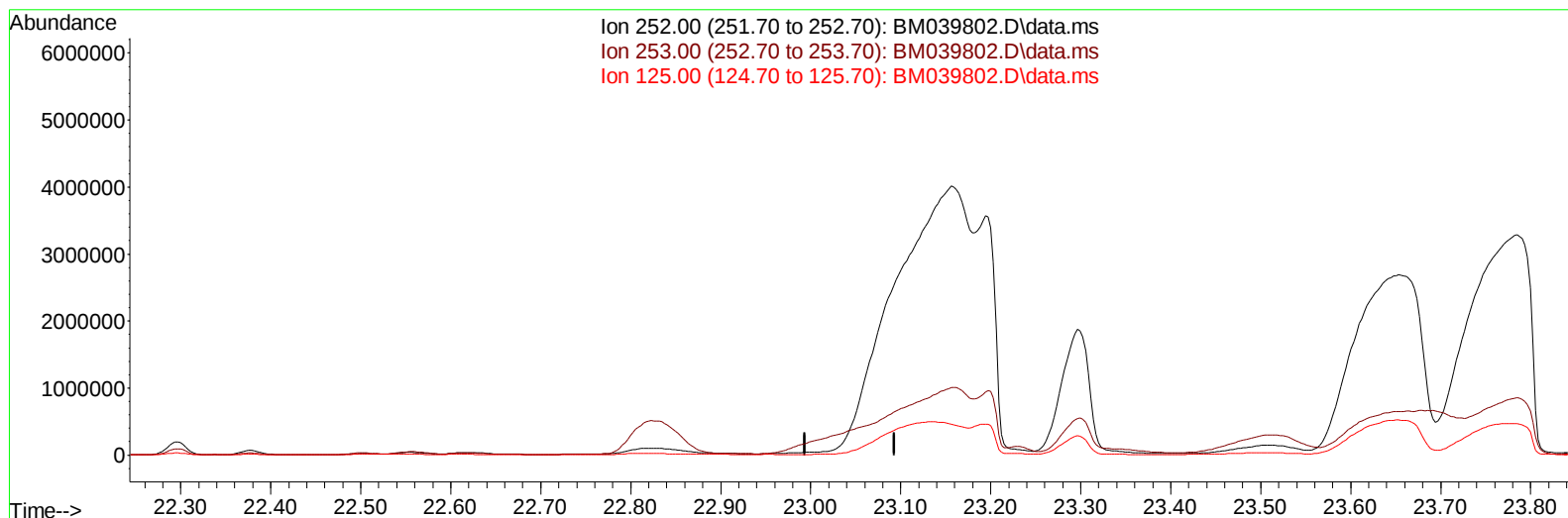
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(24) Benzo(b)fluoranthene

23.043min (-23.043) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.40	0.00
125.00	15.80	0.00
0.00	0.00	0.00

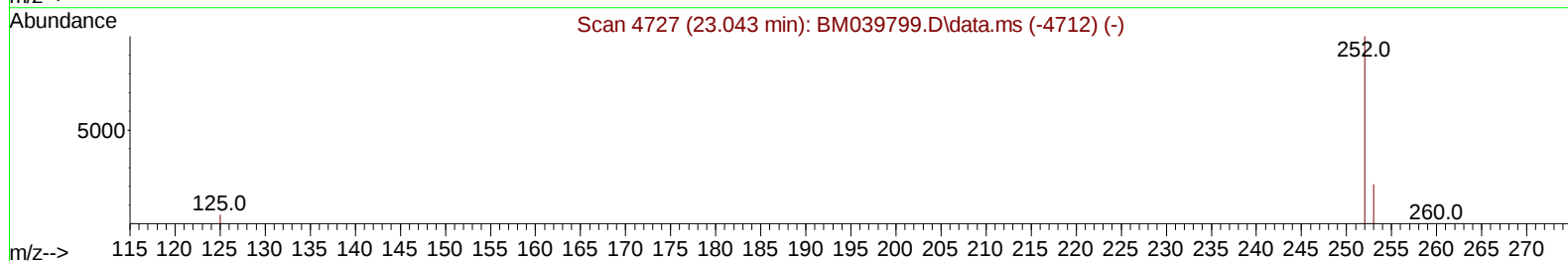
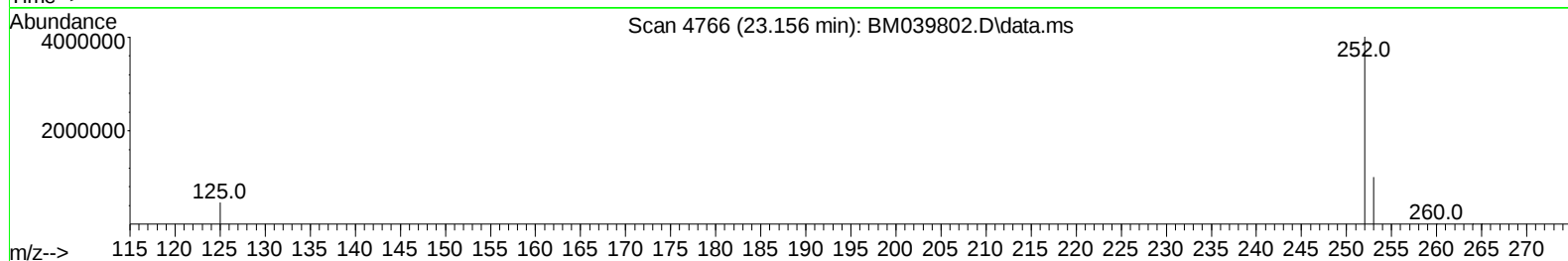
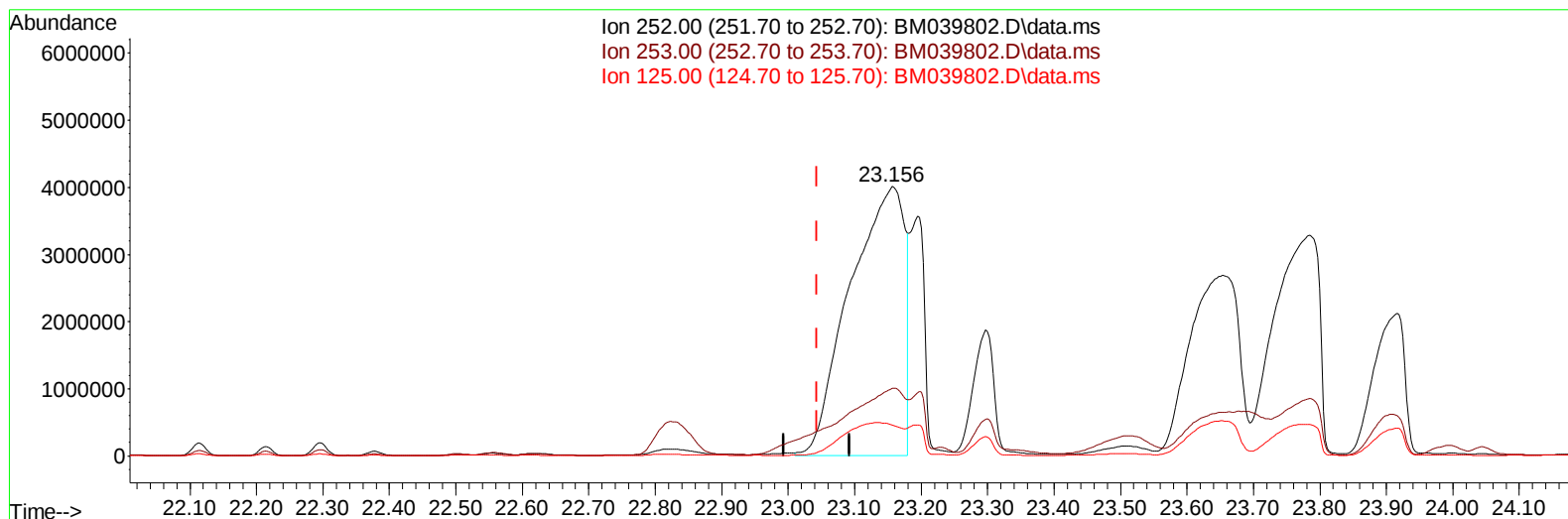
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(24) Benzo(b)fluoranthene

23.156min (+ 0.113) 239.32 ng/ul m

response 22854514

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	25.08
125.00	15.80	11.52
0.00	0.00	0.00

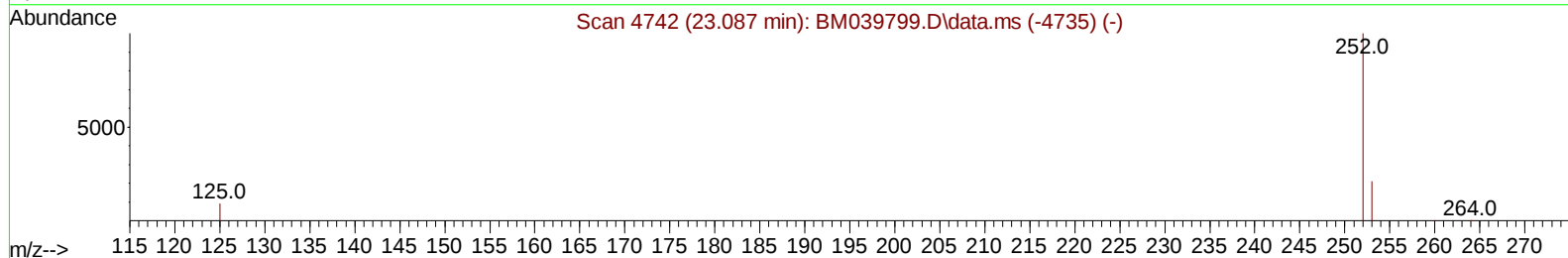
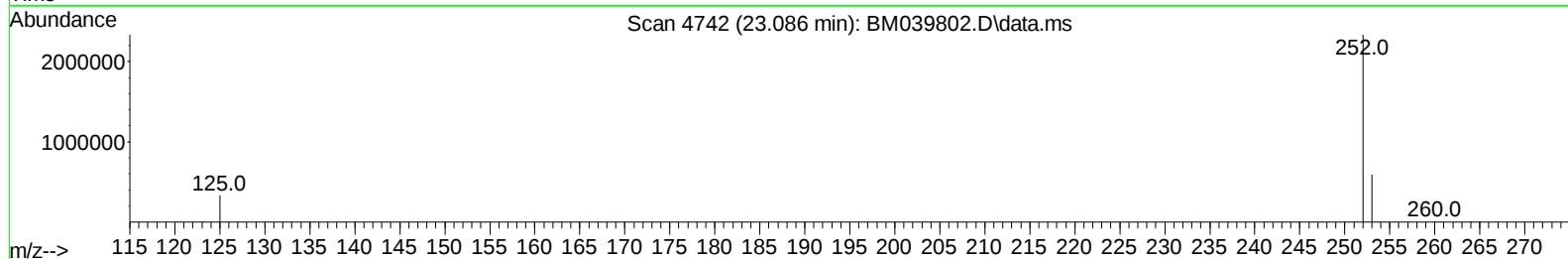
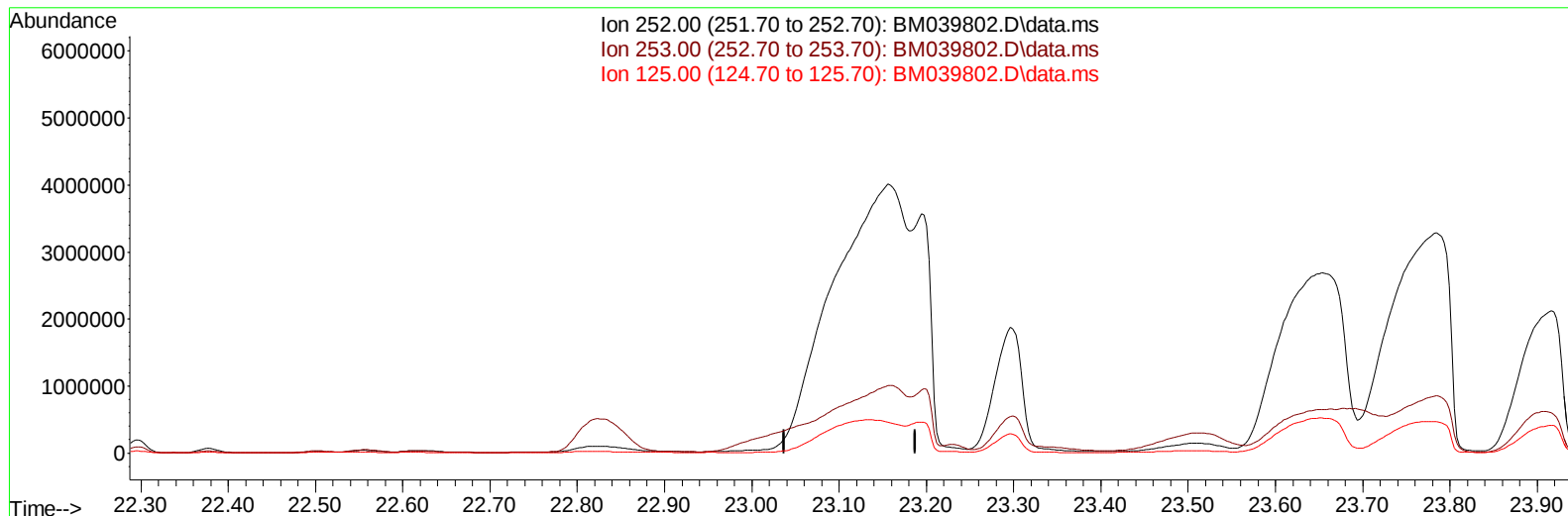
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(25) Benzo(k)fluoranthene

23.087min (-23.087) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.60	0.00#
125.00	16.30	0.00#
0.00	0.00	0.00

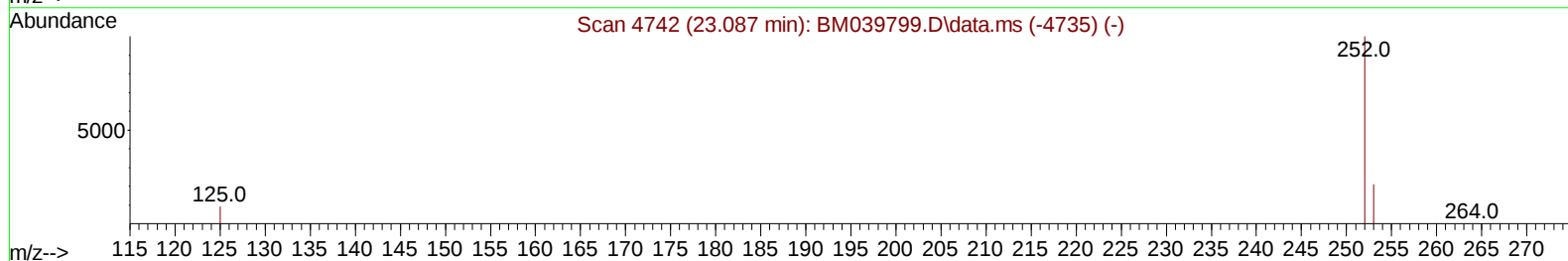
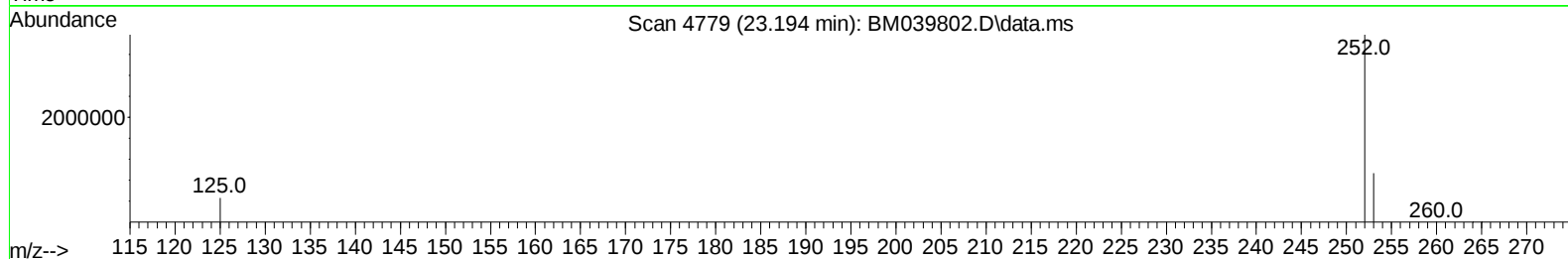
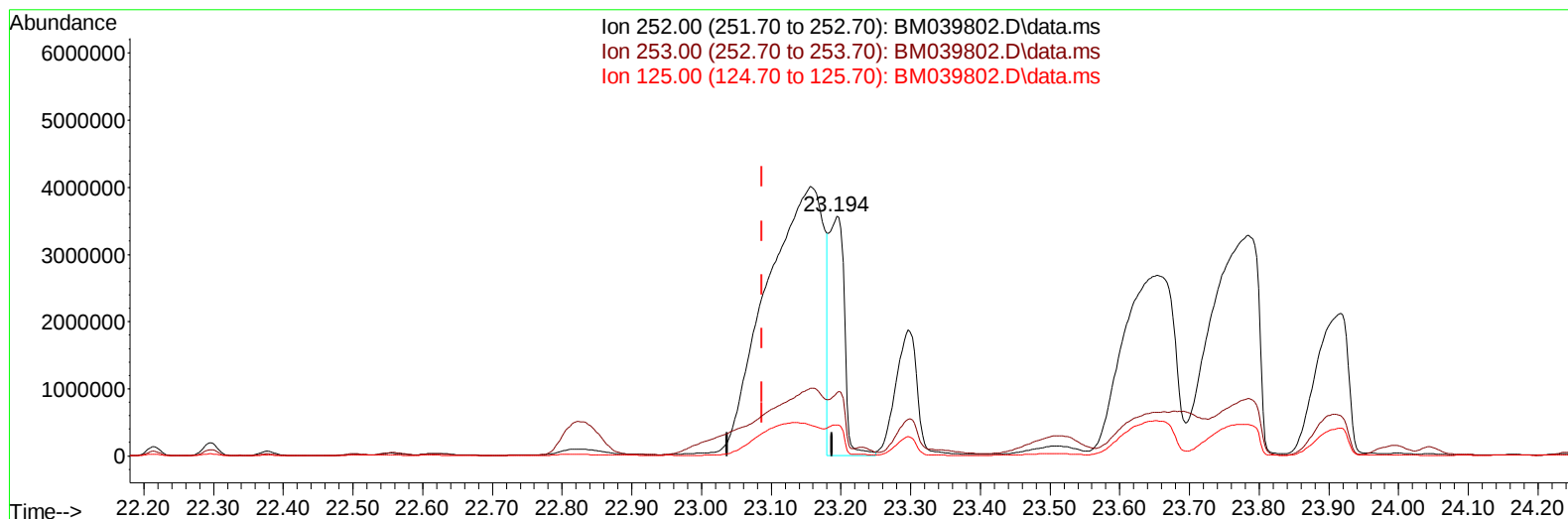
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(25) Benzo(k)fluoranthene

23.194min (+ 0.107) 55.82 ng/ul m

response 5427359

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.31
125.00	16.30	12.93#
0.00	0.00	0.00

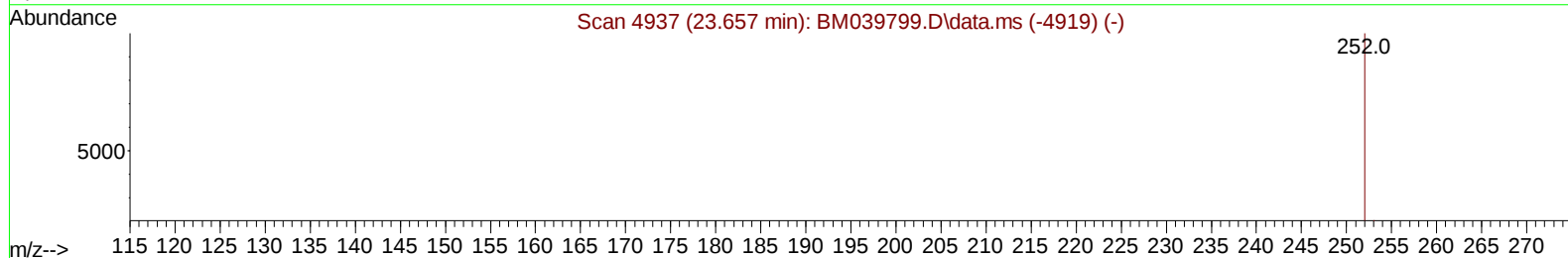
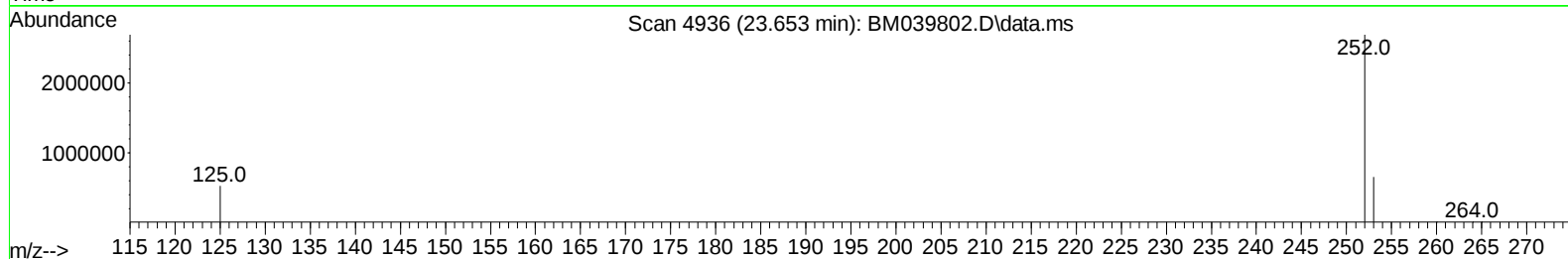
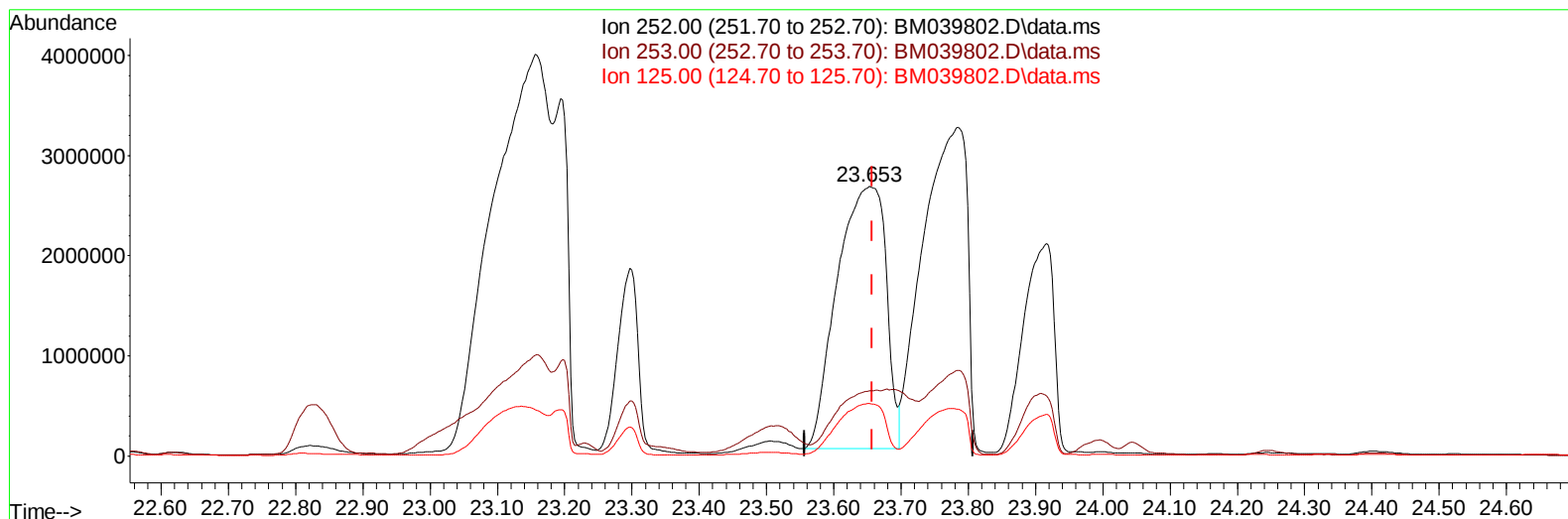
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(26) Benzo(a)pyrene (C)

23.653min (-0.004) 154.68 ng/u1

response 13261877

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.90	24.28#
125.00	20.60	19.43
0.00	0.00	0.00

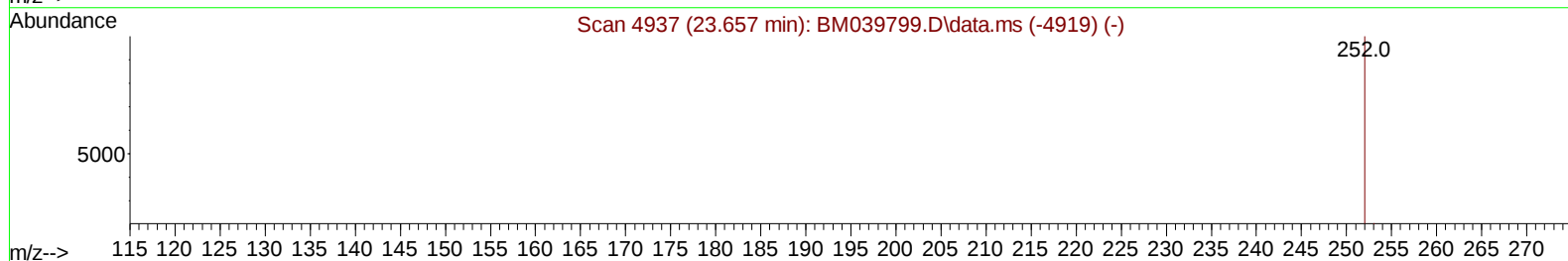
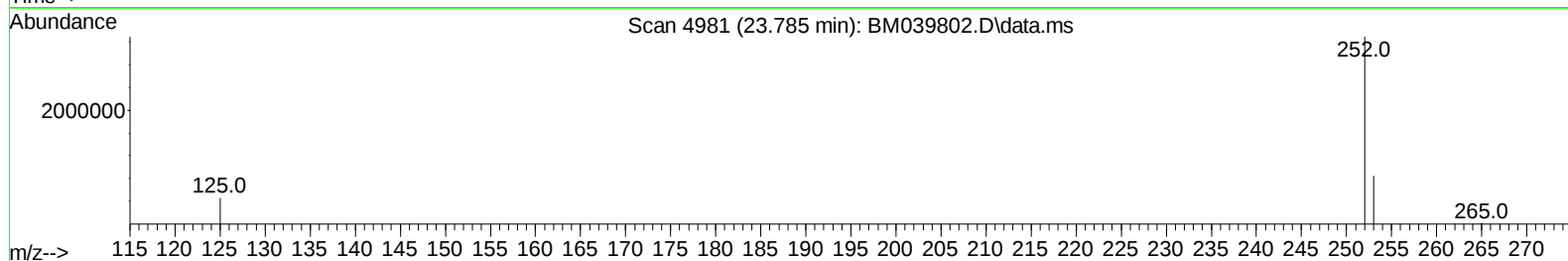
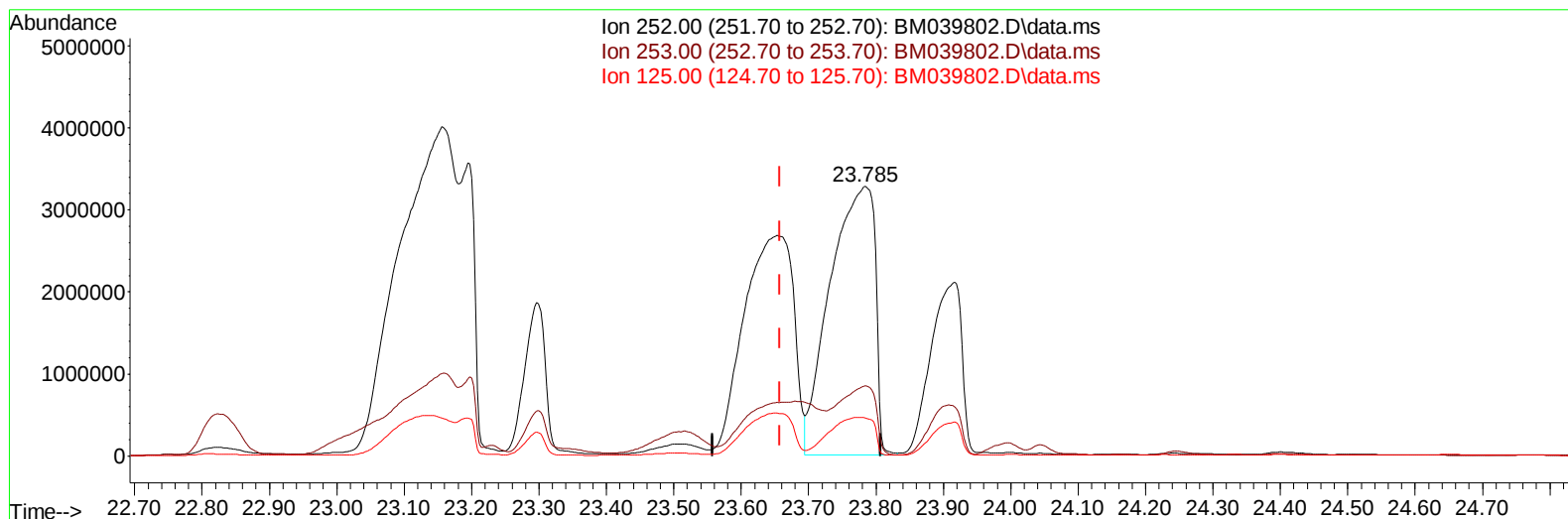
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(26) Benzo(a)pyrene (C)

23.785min (+ 0.127) 176.53 ng/ul m

response 15135917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.90	25.98
125.00	20.60	14.16#
0.00	0.00	0.00

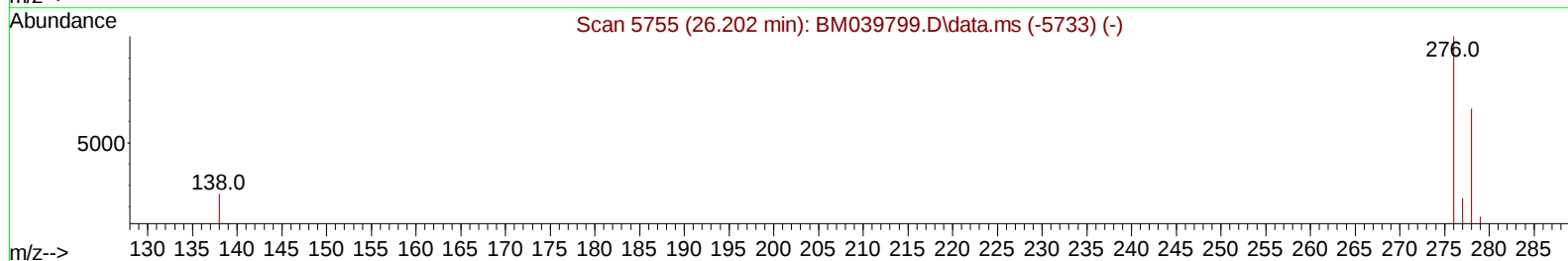
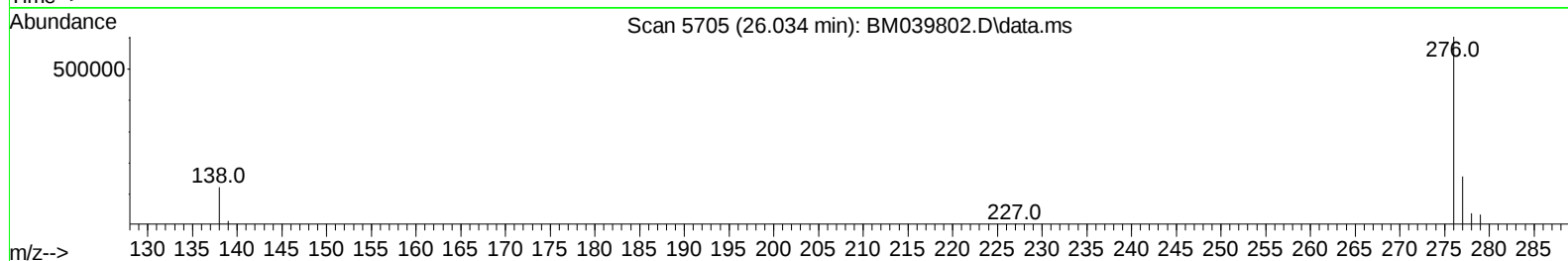
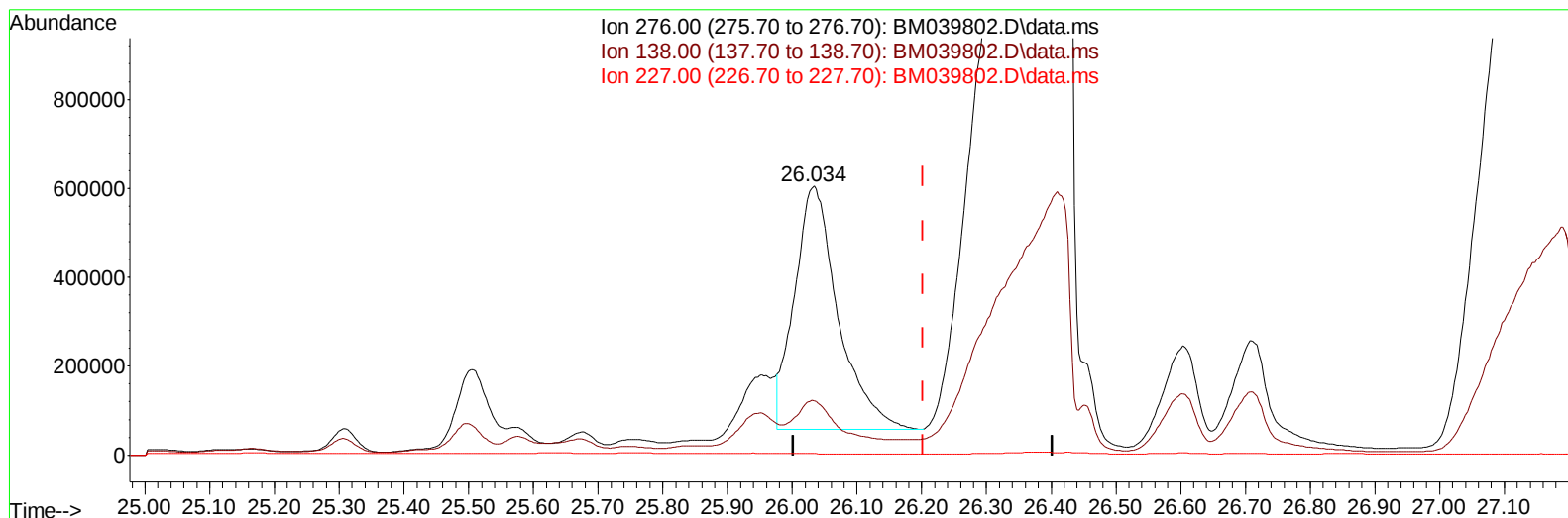
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

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

26.034min (-0.169) 23.64 ng/u1

response 2562610

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.40	13.37#
227.00	0.10	0.00#
0.00	0.00	0.00

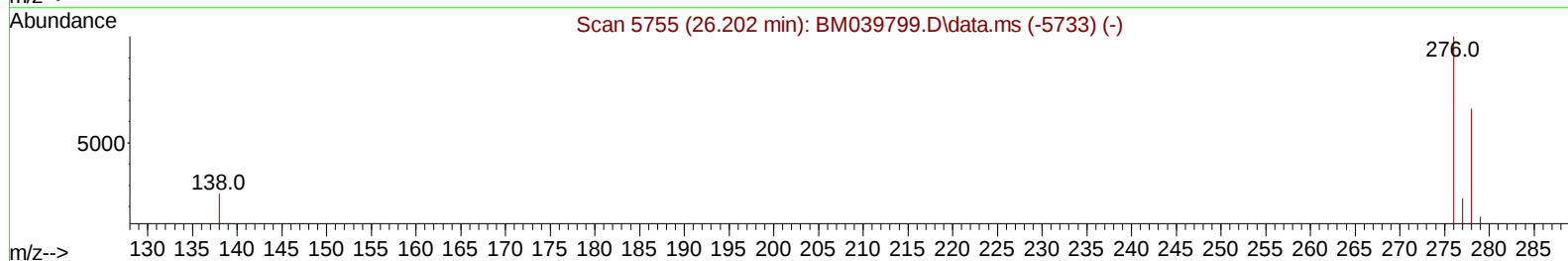
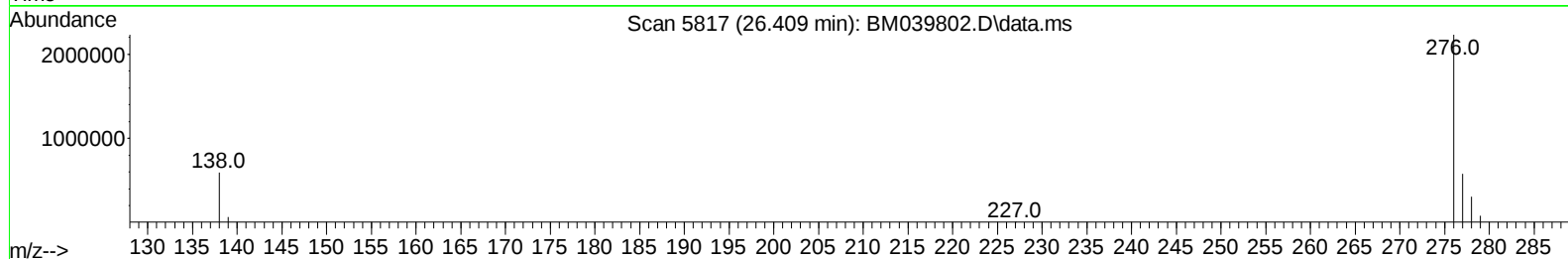
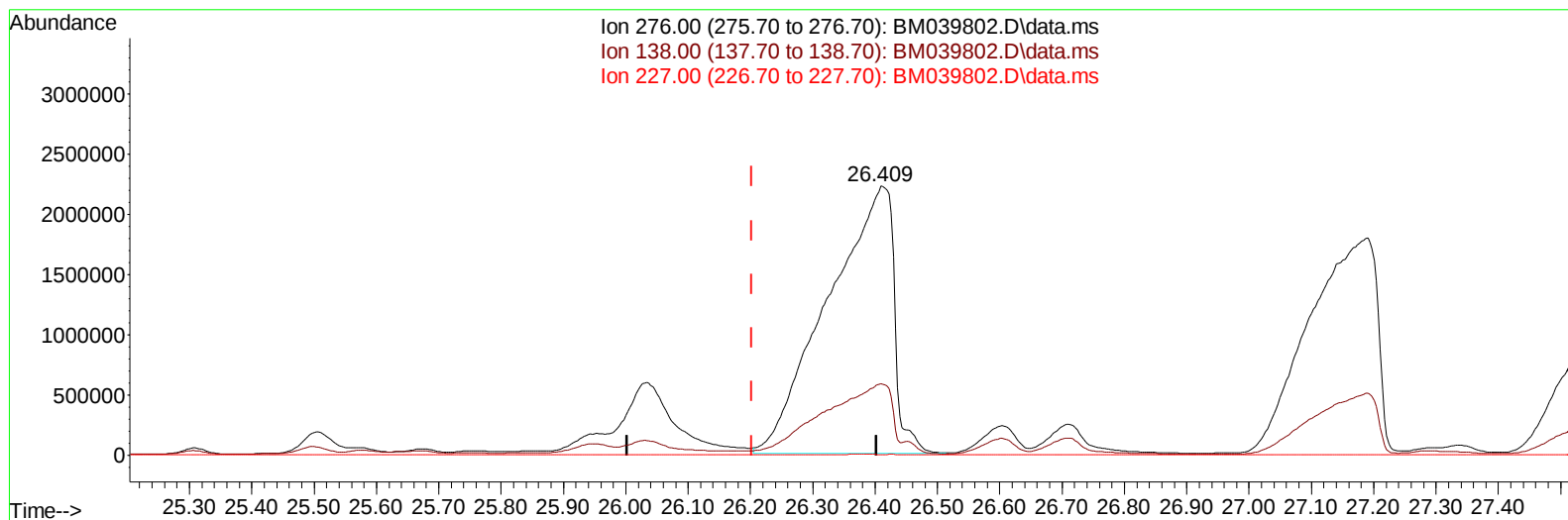
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration



TIC: BM039802.D\data.ms

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

26.409min (+ 0.207) 150.62 ng/u1 m

response 16329924

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.40	2.10#
227.00	0.10	0.00#
0.00	0.00	0.00

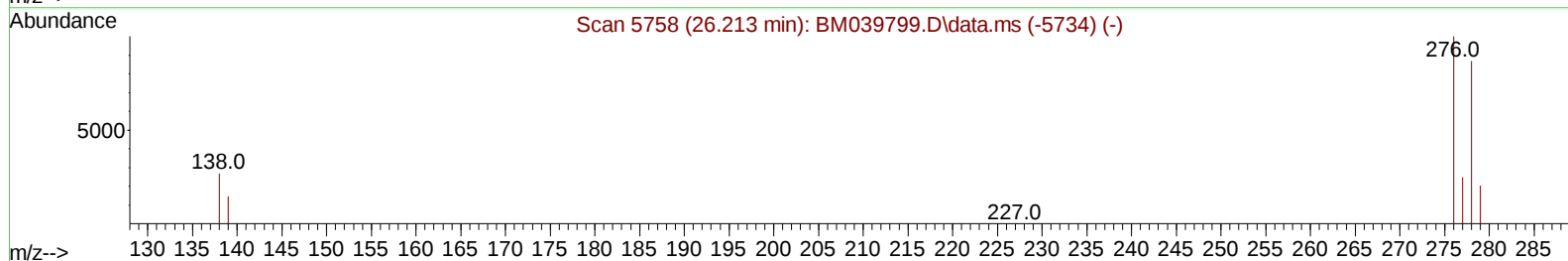
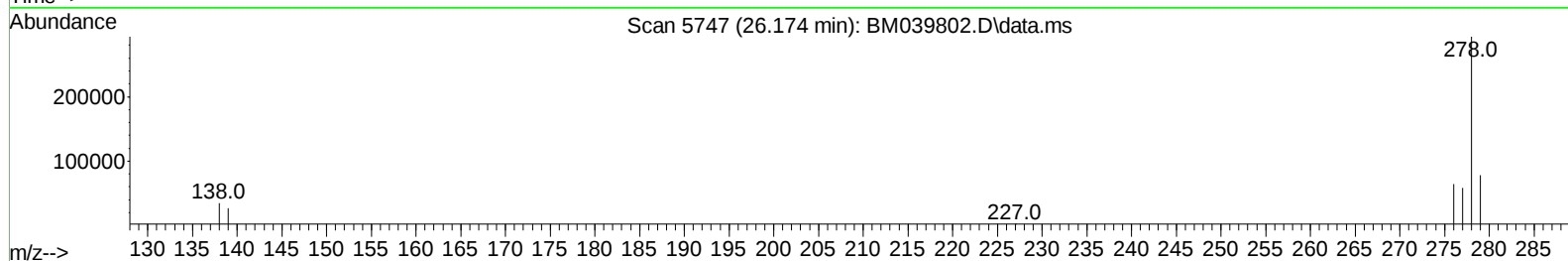
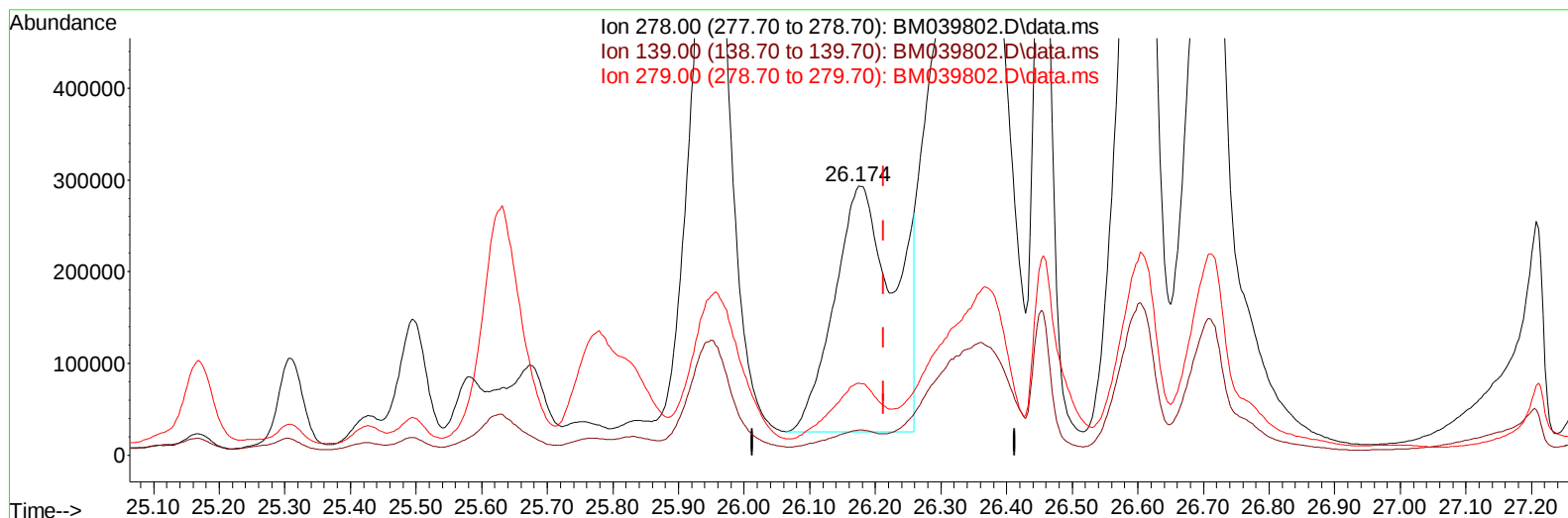
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(28) Dibenzo(a,h)anthracene

26.174min (-0.038) 20.42 ng/u1

response 1717925

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.30	9.24#
279.00	29.30	26.81
0.00	0.00	0.00

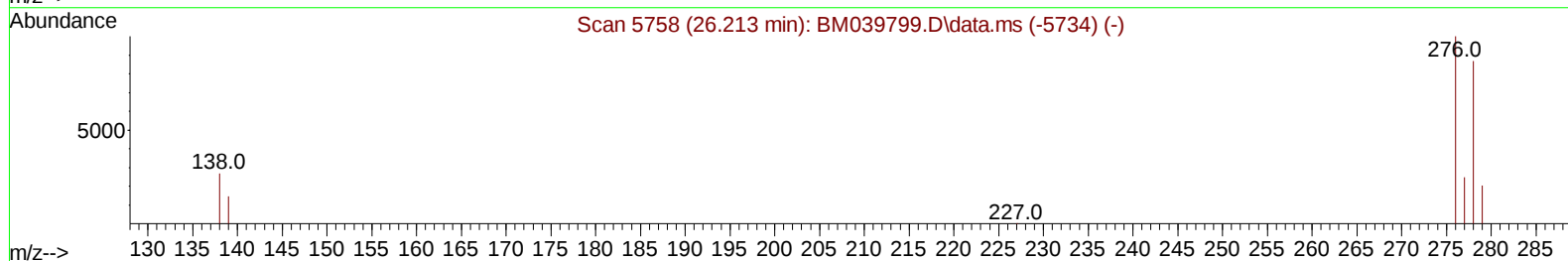
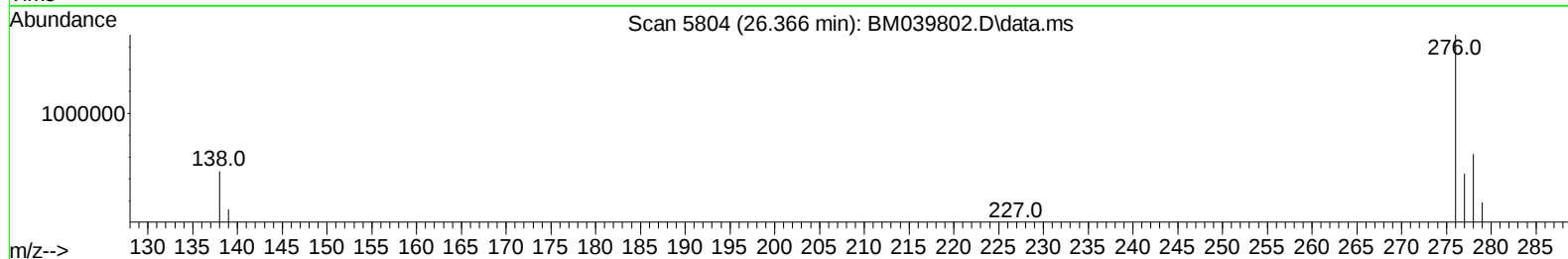
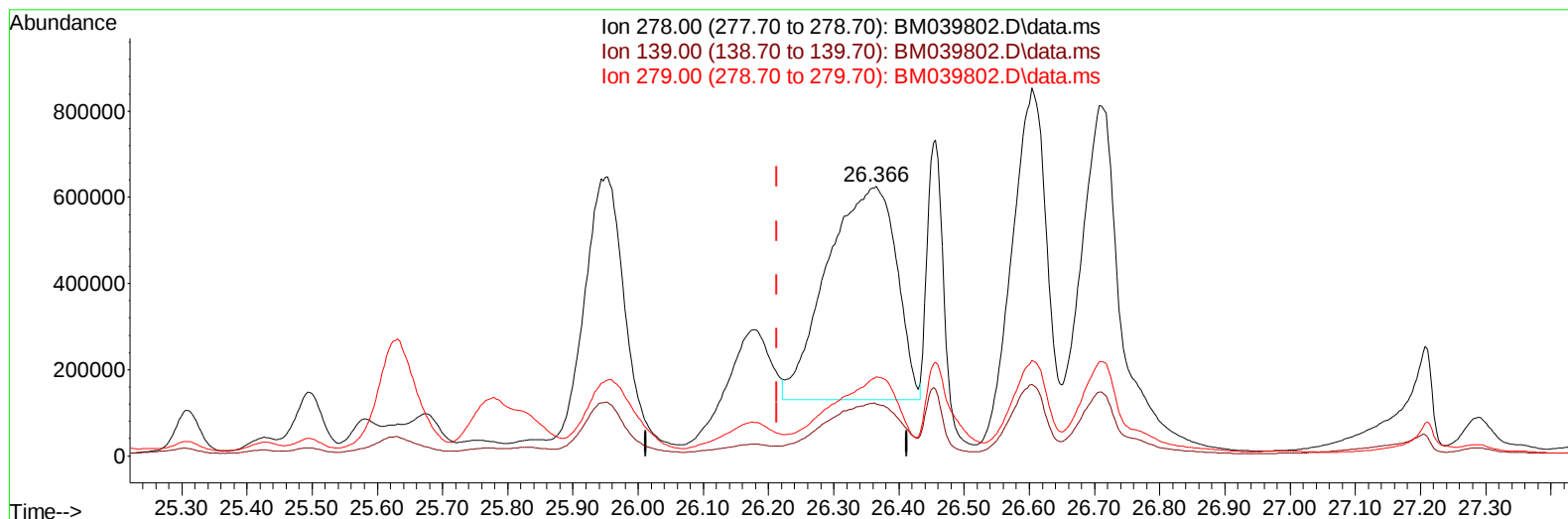
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

(28) Dibenzo(a,h)anthracene

26.366min (+ 0.153) 43.34 ng/ul m

response 3646856

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.30	19.31
279.00	29.30	29.39
0.00	0.00	0.00

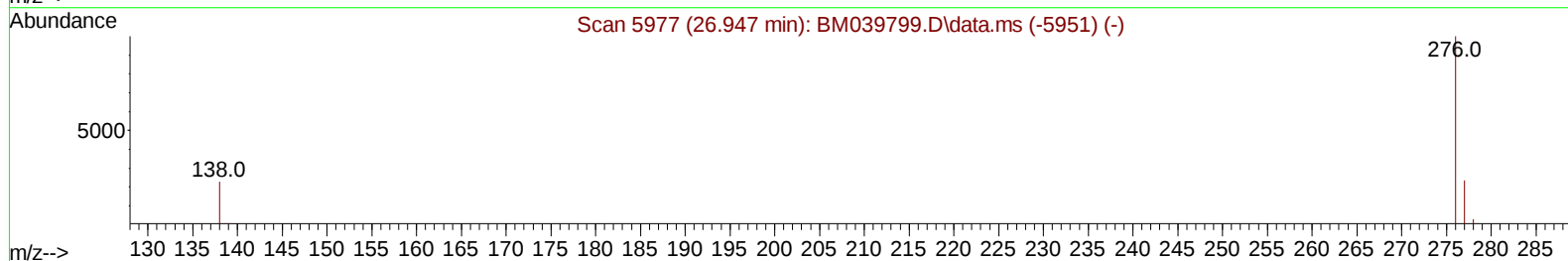
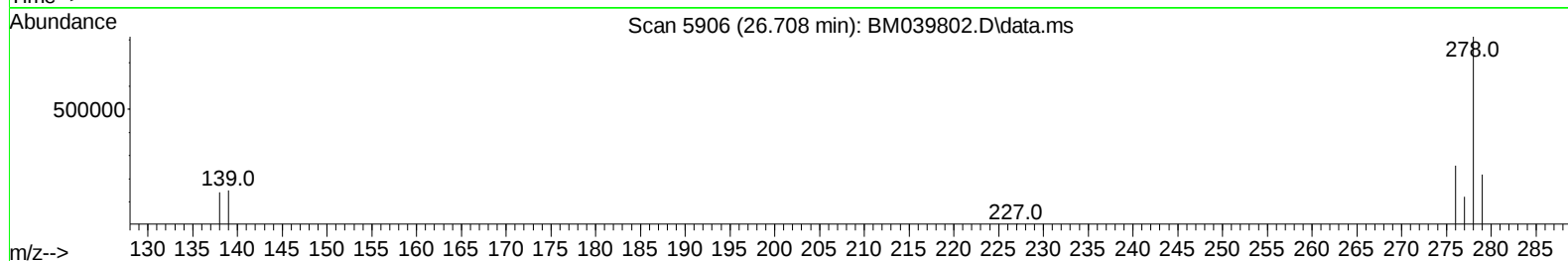
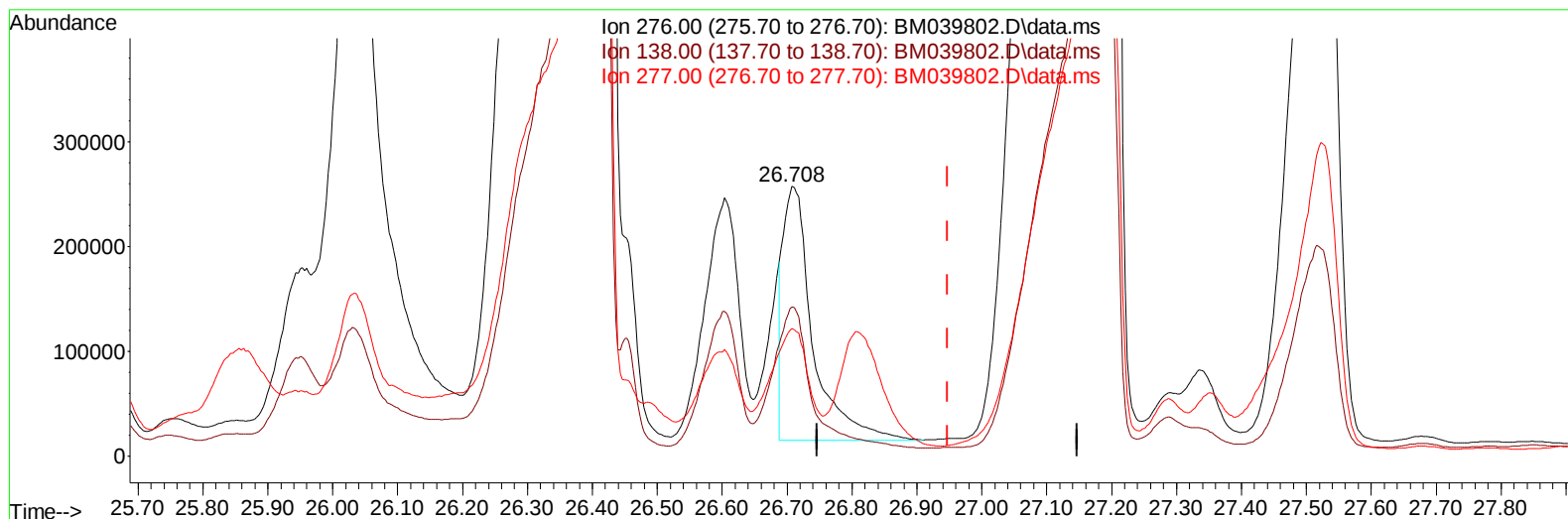
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

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

26.708min (-0.239) 8.24 ng/u1

response 778690

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.10	55.27#
277.00	25.10	47.34#
0.00	0.00	0.00

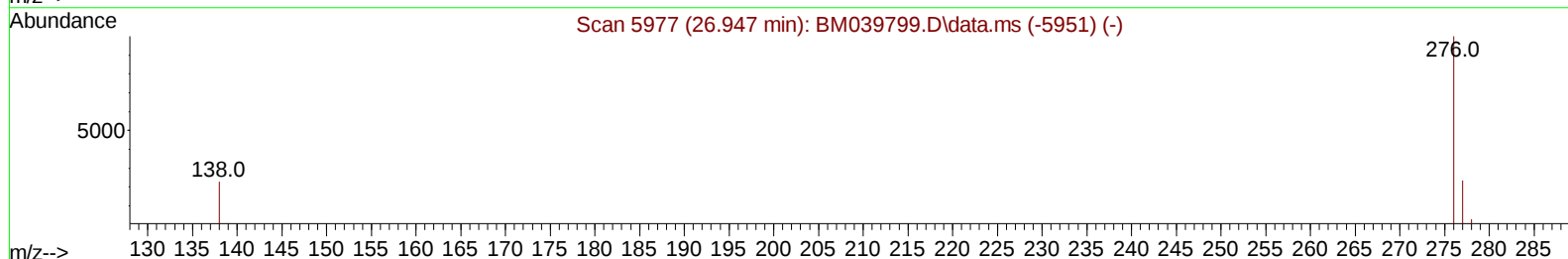
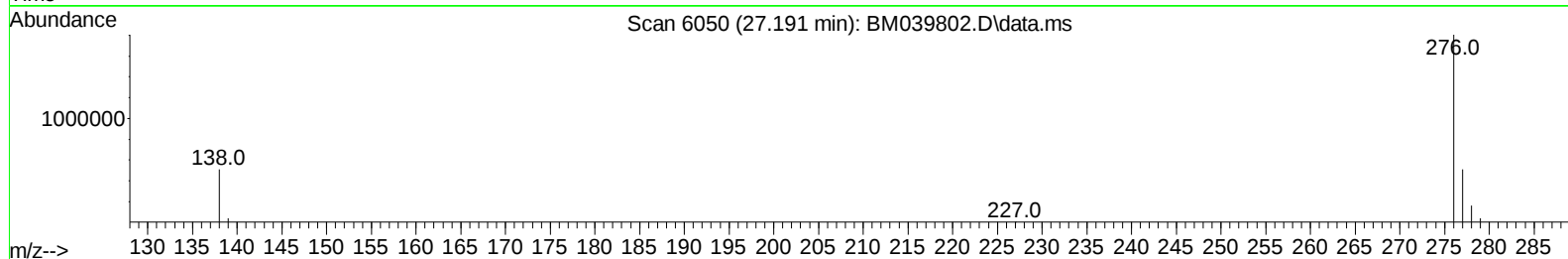
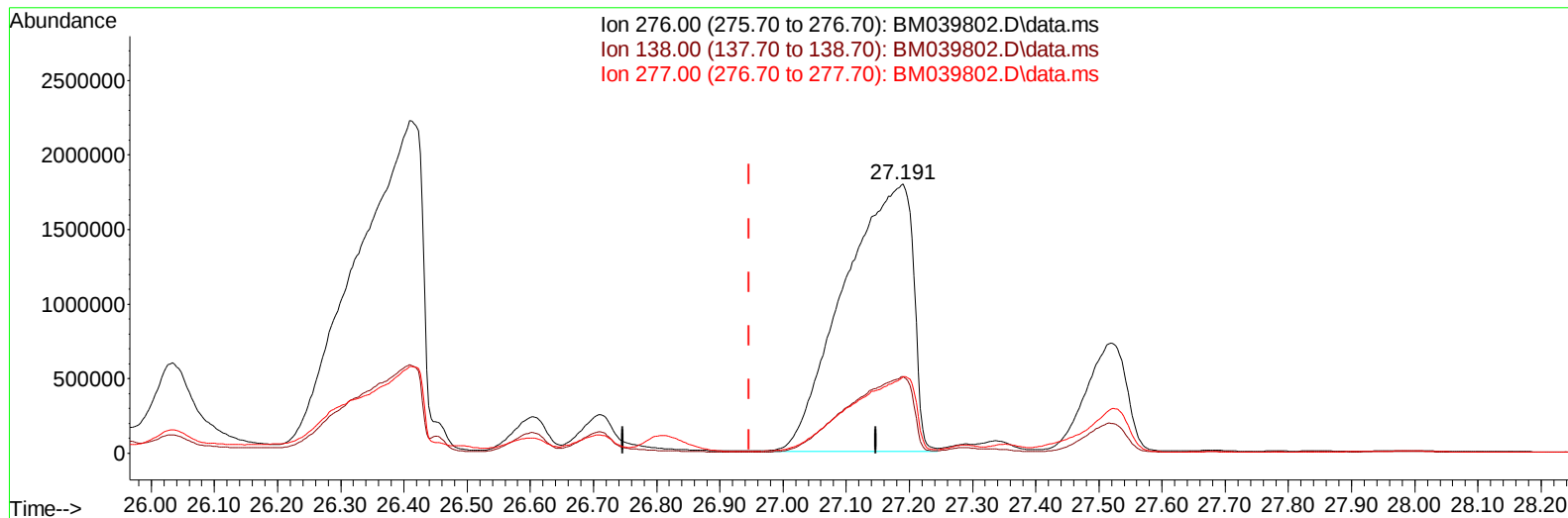
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039802.D\data.ms

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

27.191min (+ 0.244) 144.07 ng/ul m

response 13610482

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.10	28.42
277.00	25.10	28.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039802.D
 Acq On : 02 May 2023 15:05
 Operator : CG/JU
 Sample : 02418-30RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904RE

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:15:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3738	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.588	136	12438	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.445	164	7926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	12674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.373	240	12095	0.400	ng/ul	#-0.03
23) Perylene-d12	23.808	264	27192m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	12475	2.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.183	152	3328	0.209	ng/ul	-0.02
18) Fluoranthene-d10	19.247	212	15556m	0.478	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.638	128	575246	18.418	ng/ul	97
7) 2-Methylnaphthalene	12.254	142	219541	12.179	ng/ul	96
8) 1-Methylnaphthalene	12.474	142	197587	10.218	ng/ul	99
10) Acenaphthylene	14.167	152	1844822	60.135	ng/ul	99
11) Acenaphthene	14.509	153	850640	35.301	ng/ul	97
12) Fluorene	15.499	166	1501966	56.180	ng/ul	97
14) Pentachlorophenol	16.882	266	1290	0.467	ng/ul#	88
15) Phenanthrene	17.279	178	14833711	444.251	ng/ul	97
16) Anthracene	17.355	178	5403604	188.470	ng/ul	99
19) Fluoranthene	19.316	202	24894836m	576.936	ng/ul	
20) Pyrene	19.697	202	20689934	444.011	ng/ul	95
21) Benzo(a)anthracene	21.438	228	14355846m	412.822	ng/ul	
22) Chrysene	21.499	228	11766428m	298.989	ng/ul	
24) Benzo(b)fluoranthene	23.156	252	22854514m	239.323	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	5427359m	55.816	ng/ul	
26) Benzo(a)pyrene	23.785	252	15135917m	176.534	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.409	276	16329924m	150.624	ng/ul	
28) Dibenzo(a,h)anthracene	26.366	278	3646856m	43.339	ng/ul	
29) Benzo(g,h,i)perylene	27.191	276	13610482m	144.075	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

