

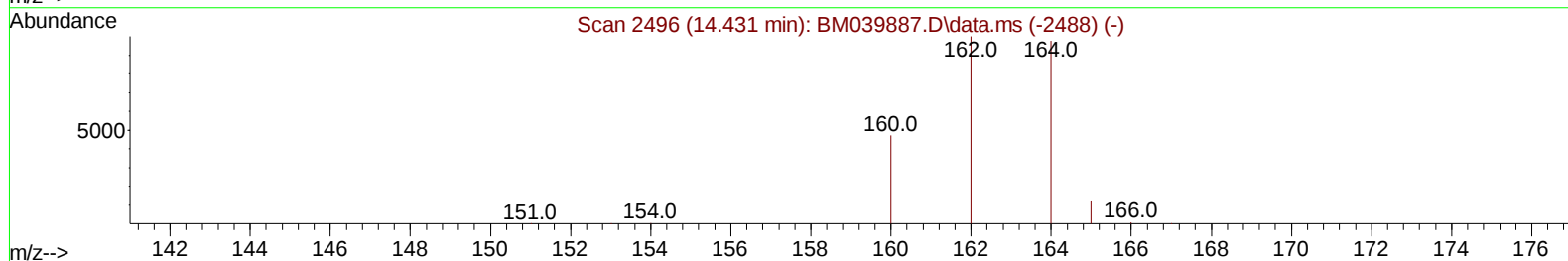
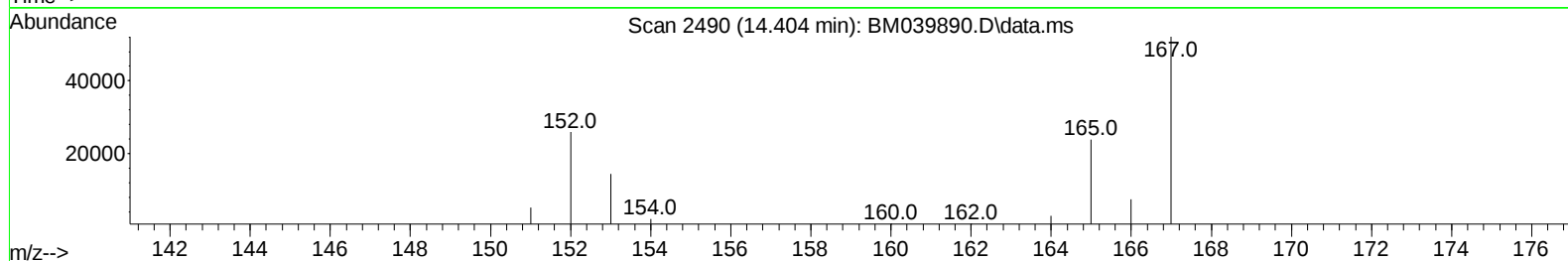
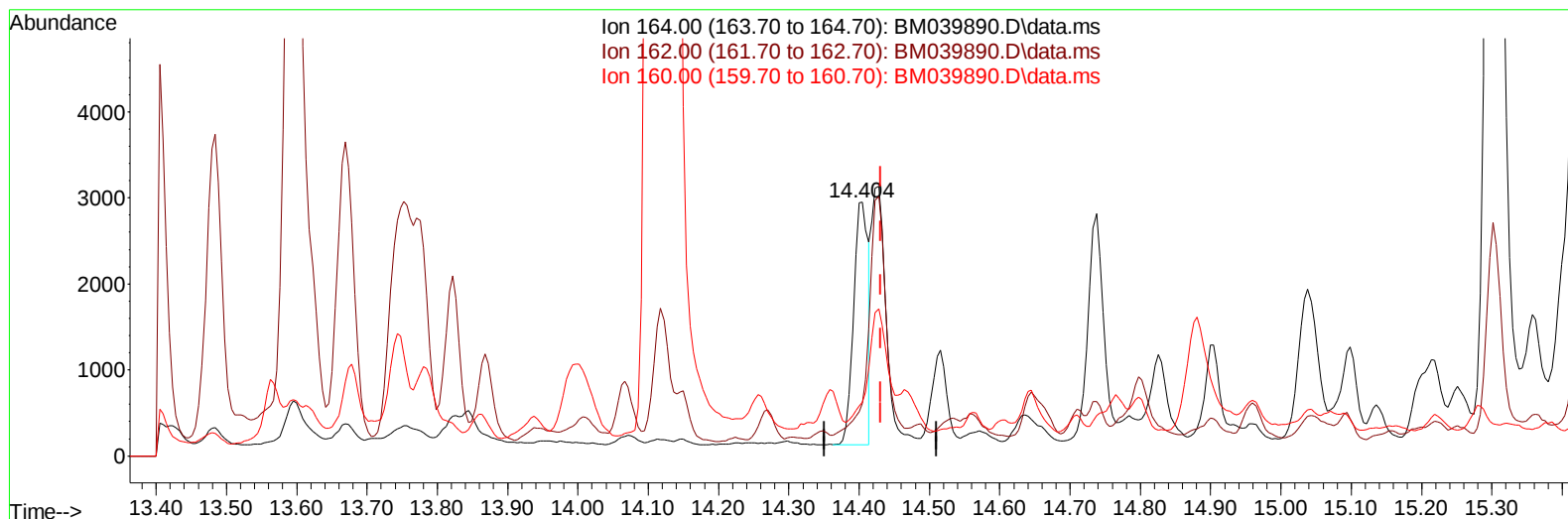
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(9) Acenaphthene-d10 (I)

14.404min (-0.026) 0.40 ng/u1

response 4123

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.50	20.58#
160.00	48.40	21.26#
0.00	0.00	0.00

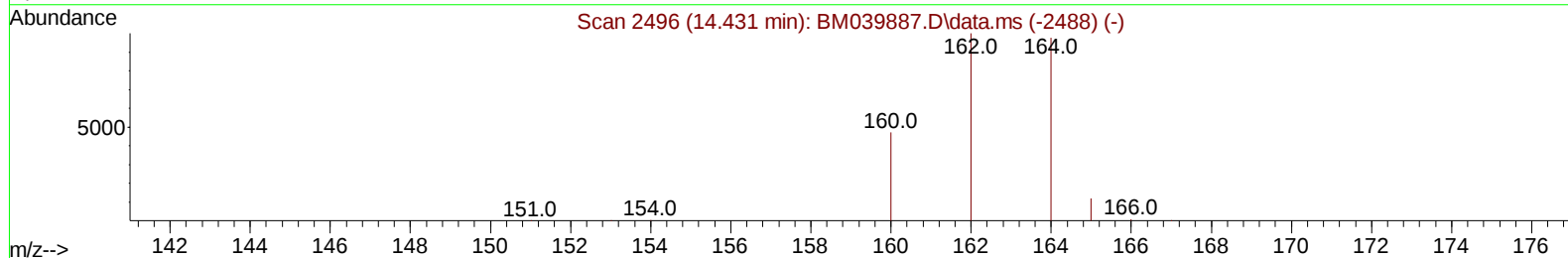
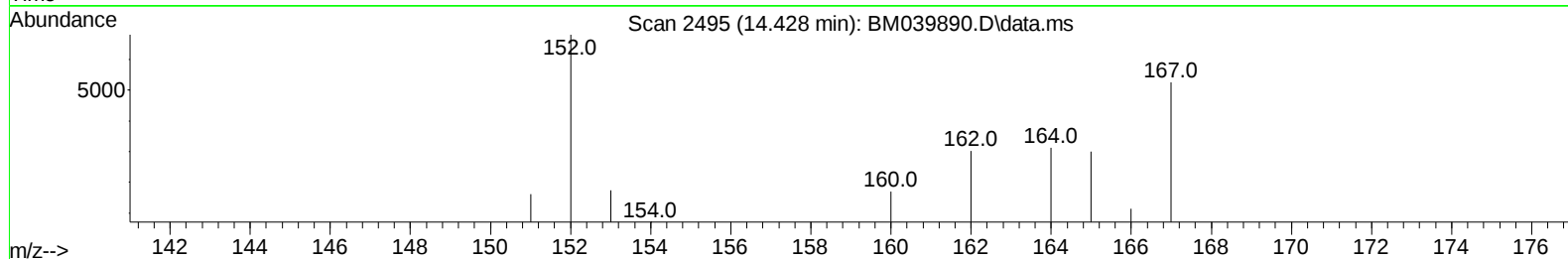
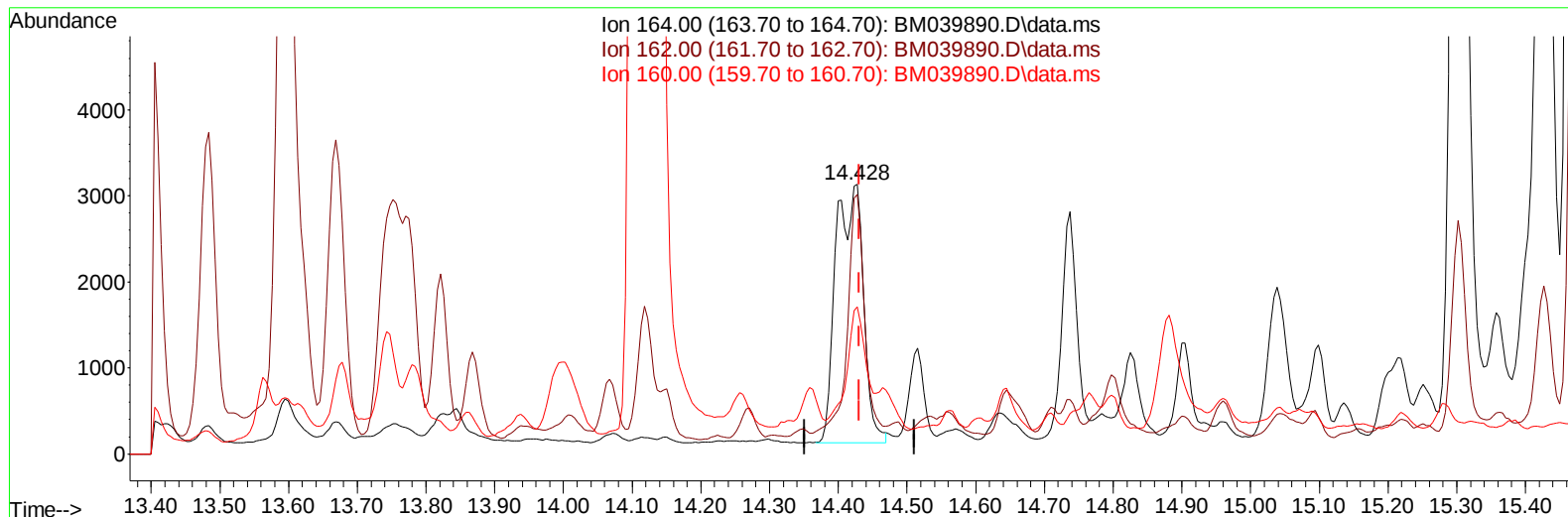
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM039890.D\data.ms

(9) Acenaphthene-d10 (I)

14.428min (-0.003) 0.40 ng/ul m

response 8367

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.50	96.42
160.00	48.40	54.50
0.00	0.00	0.00

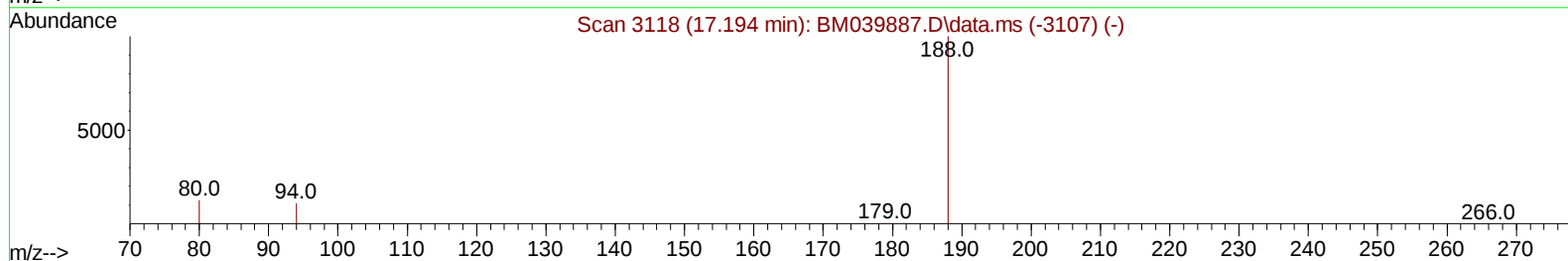
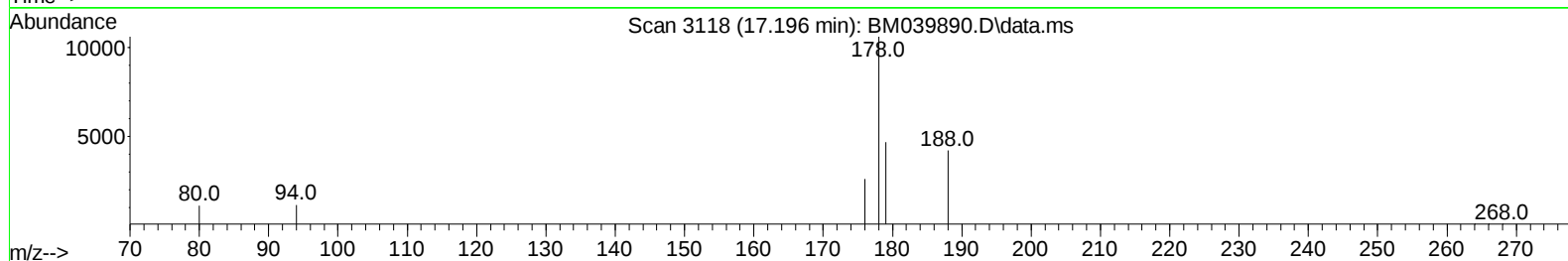
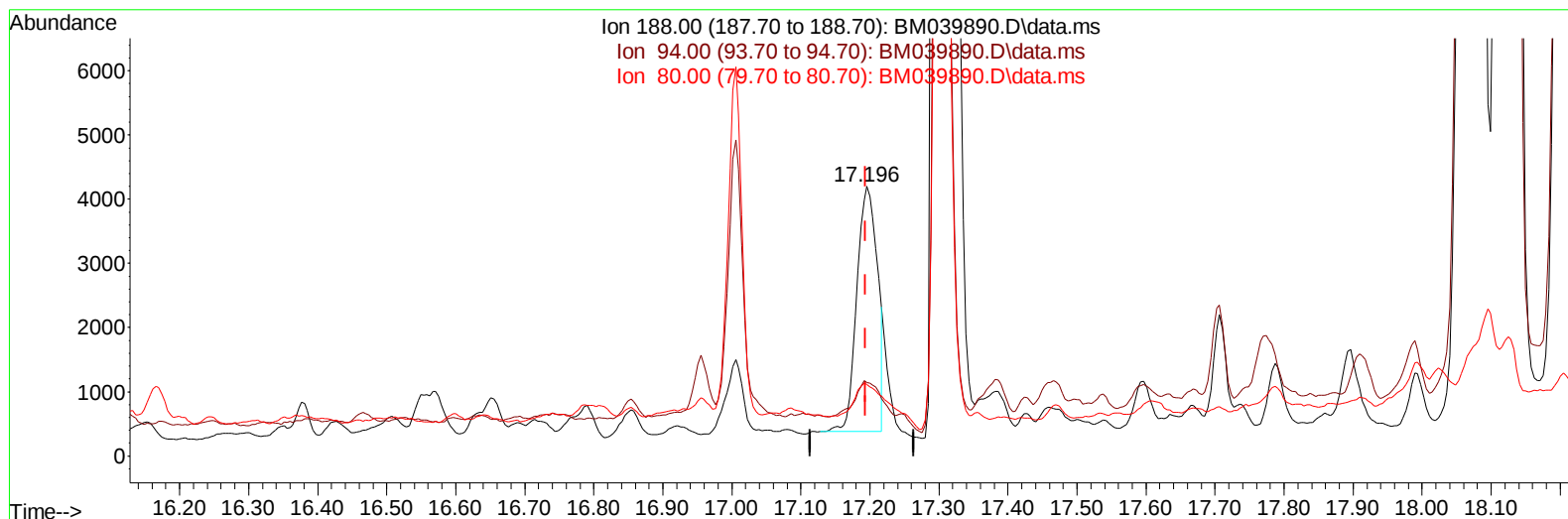
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
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TIC: BM039890.D\data.ms

(13) Phenanthrene-d10 (I)

17.196min (+ 0.001) 0.40 ng/u1

response 7942

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	27.35#
80.00	12.60	26.56#
0.00	0.00	0.00

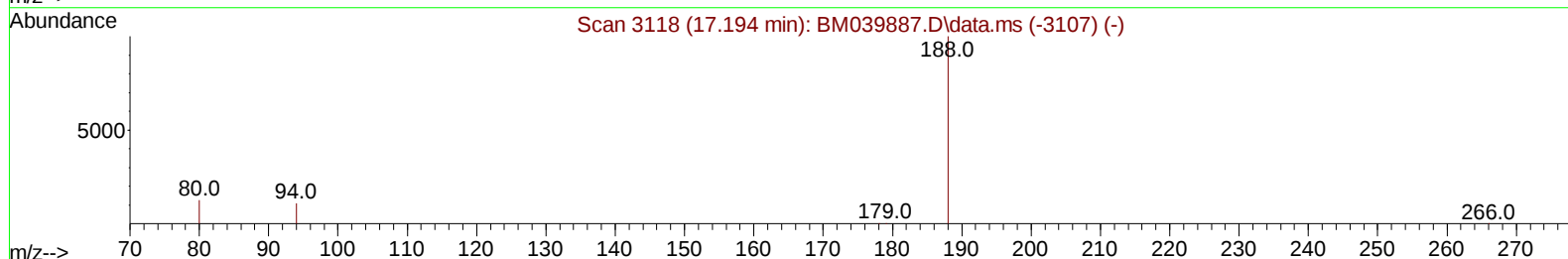
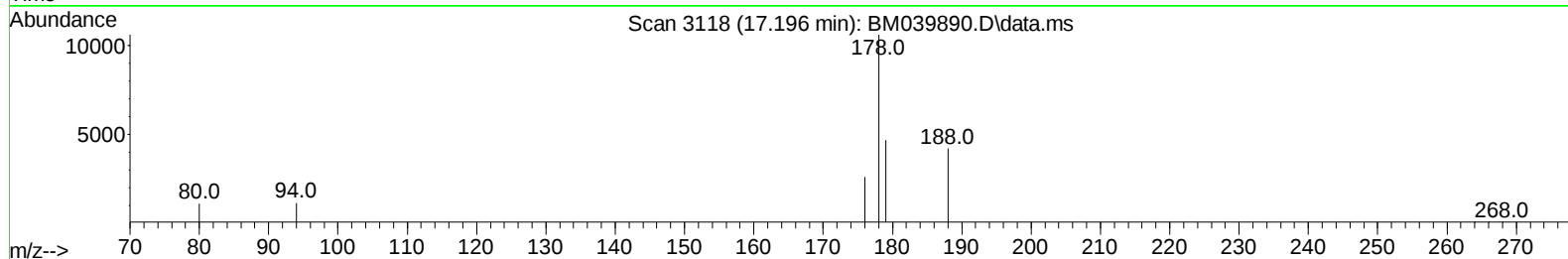
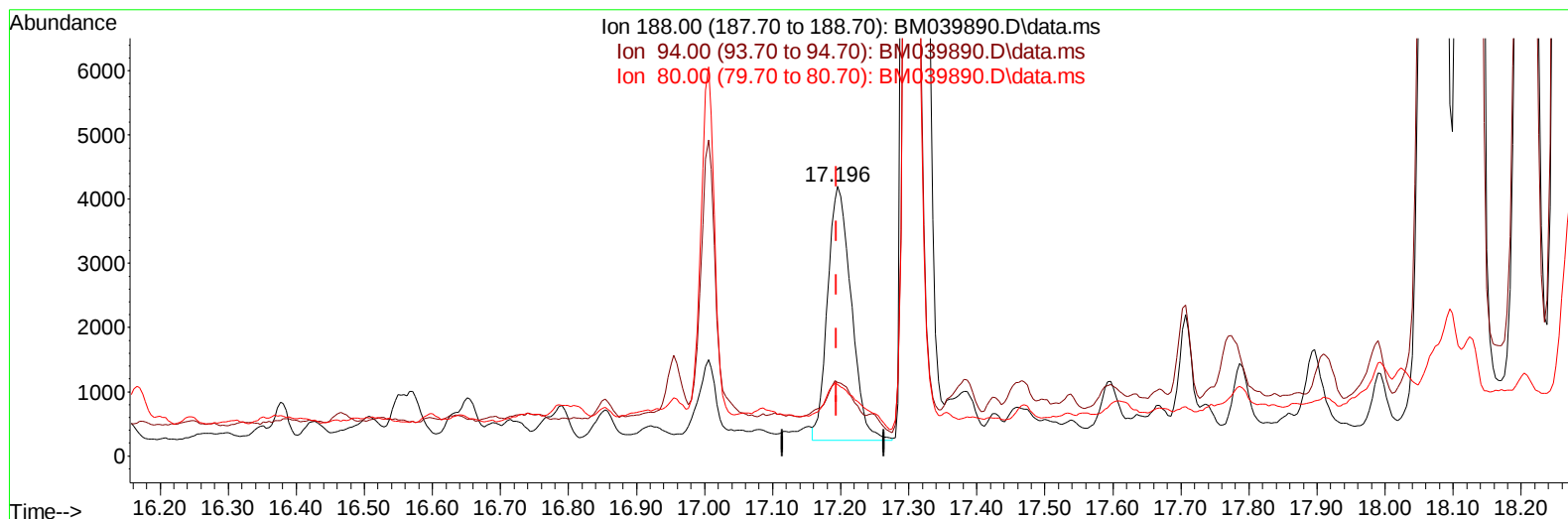
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM039890.D\data.ms

(13) Phenanthrene-d10 (I)

17.196min (+ 0.001) 0.40 ng/ul m

response 9572

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	27.35#
80.00	12.60	26.56#
0.00	0.00	0.00

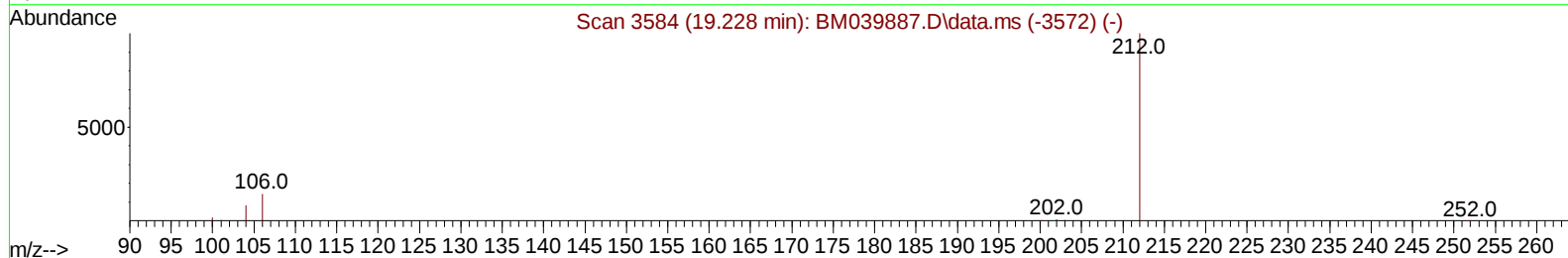
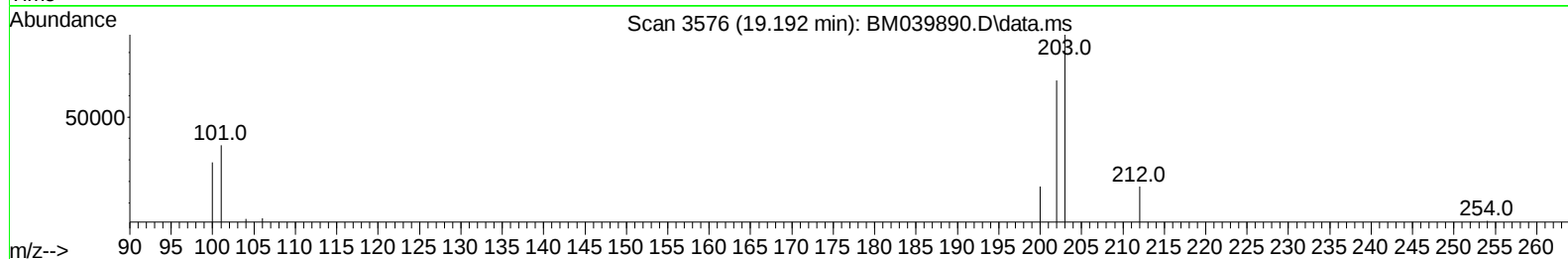
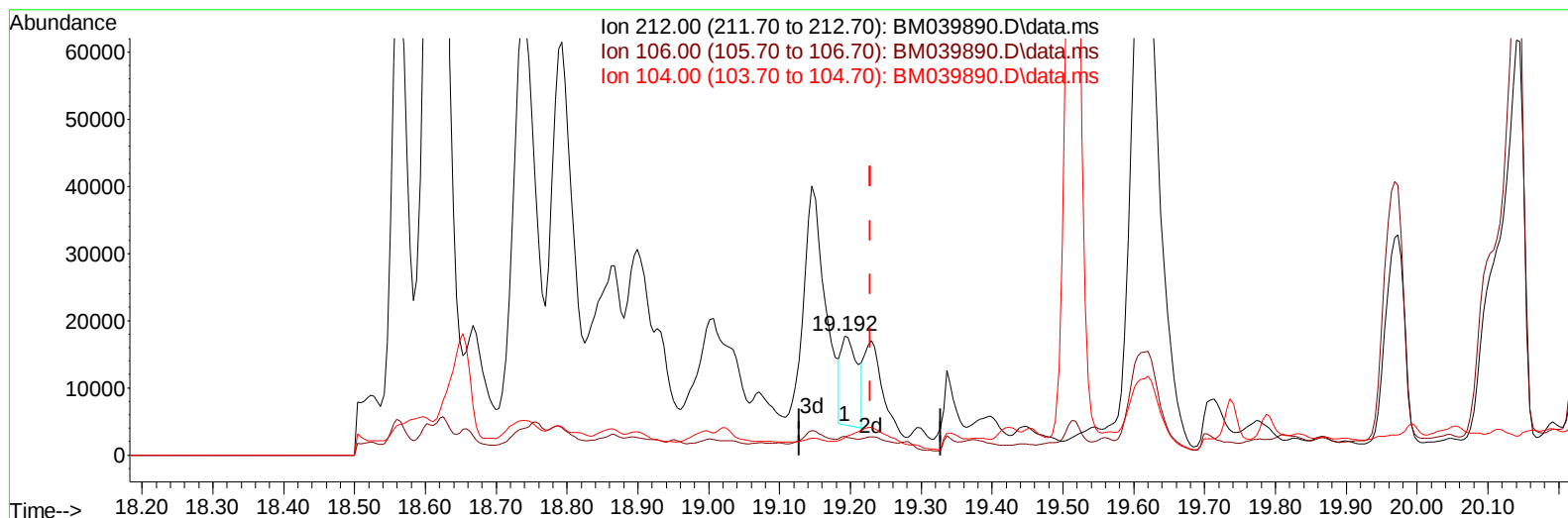
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

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TIC: BM039890.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.192min (-0.036) 0.47 ng/u1

response 21667

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	15.92
104.00	8.40	0.00#
0.00	0.00	0.00

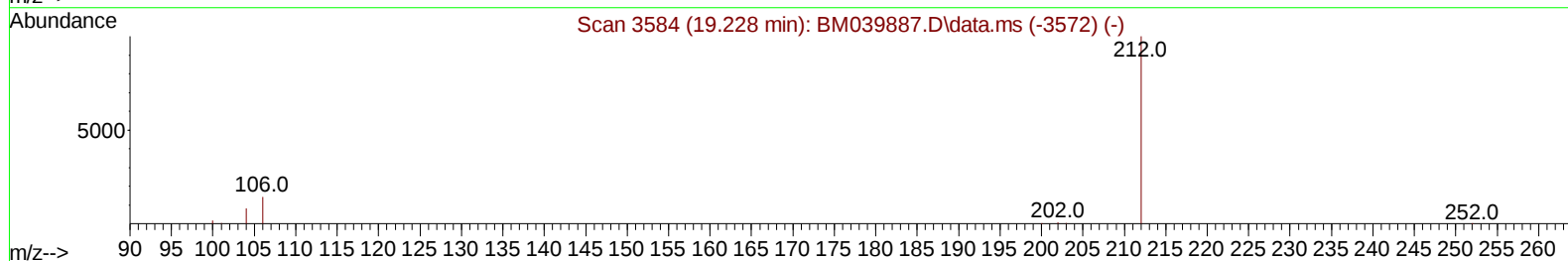
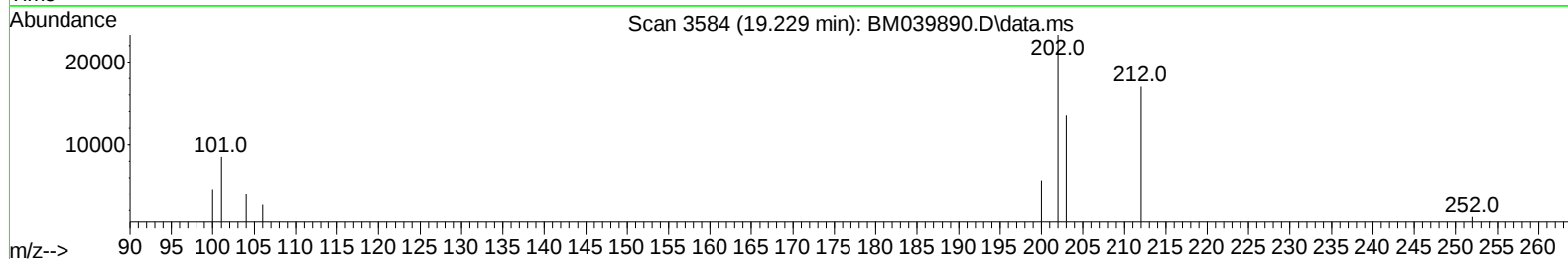
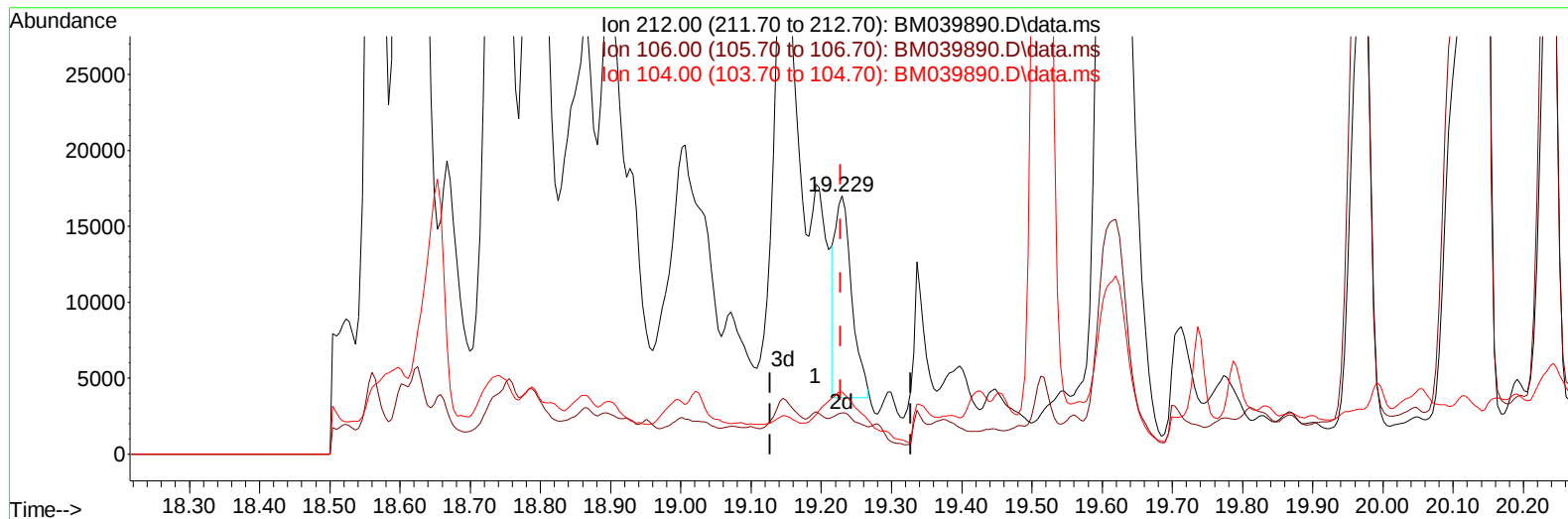
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
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TIC: BM039890.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.229min (+ 0.001) 0.47 ng/ul m

response 21685

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	15.91
104.00	8.40	0.00#
0.00	0.00	0.00

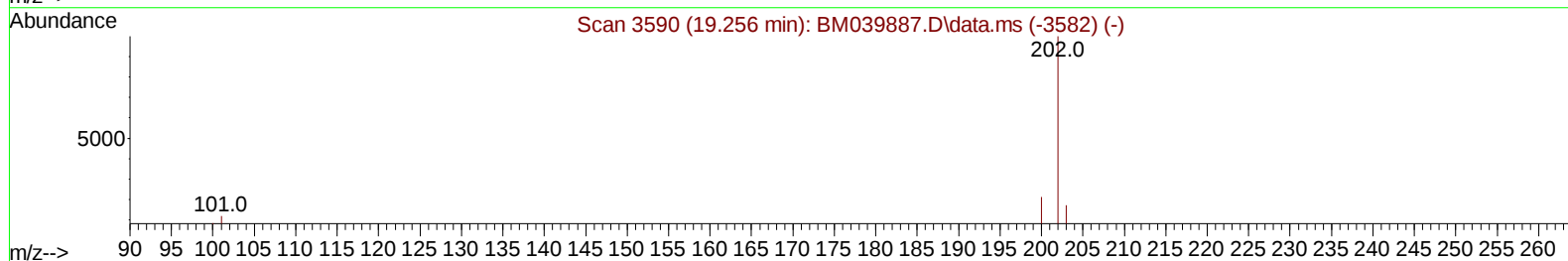
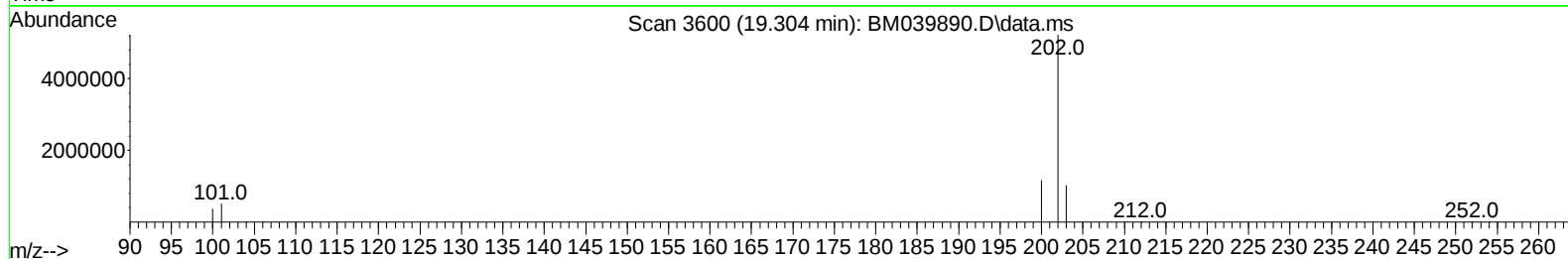
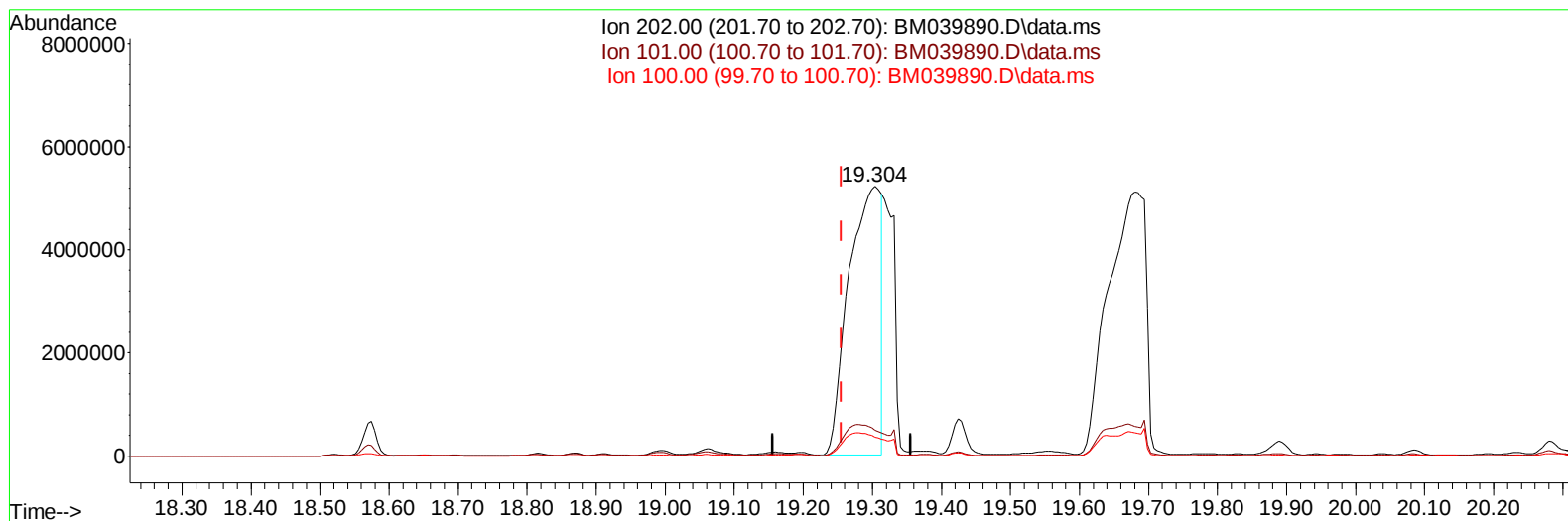
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/10/2023
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Quant Time: May 10 00:26:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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 QLast Update : Tue May 09 12:11:48 2023
 Response via : Initial Calibration



TIC: BM039890.D\data.ms

(19) Fluoranthene (C)

19.304min (+ 0.048) 272.88 ng/u1

response 16839200

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	9.69#
100.00	9.10	7.04#
0.00	0.00	0.00

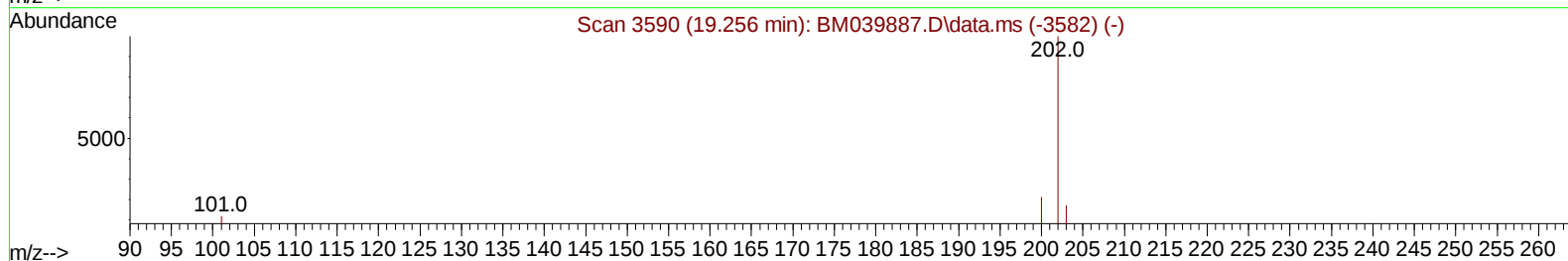
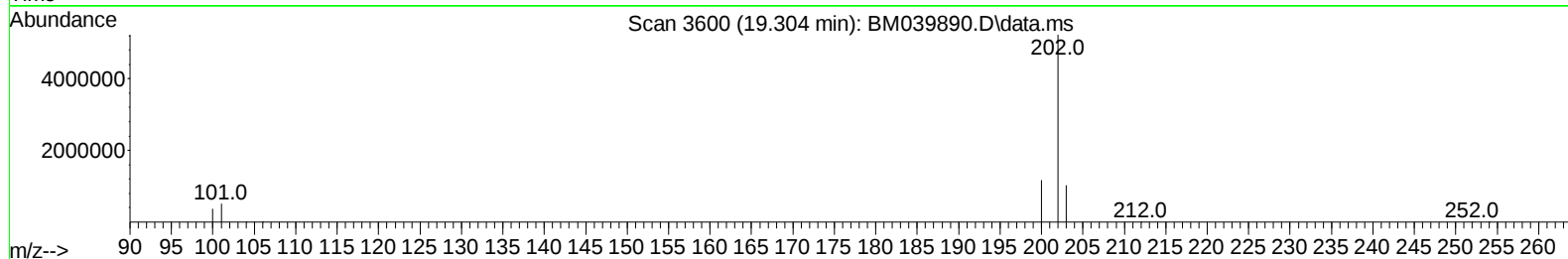
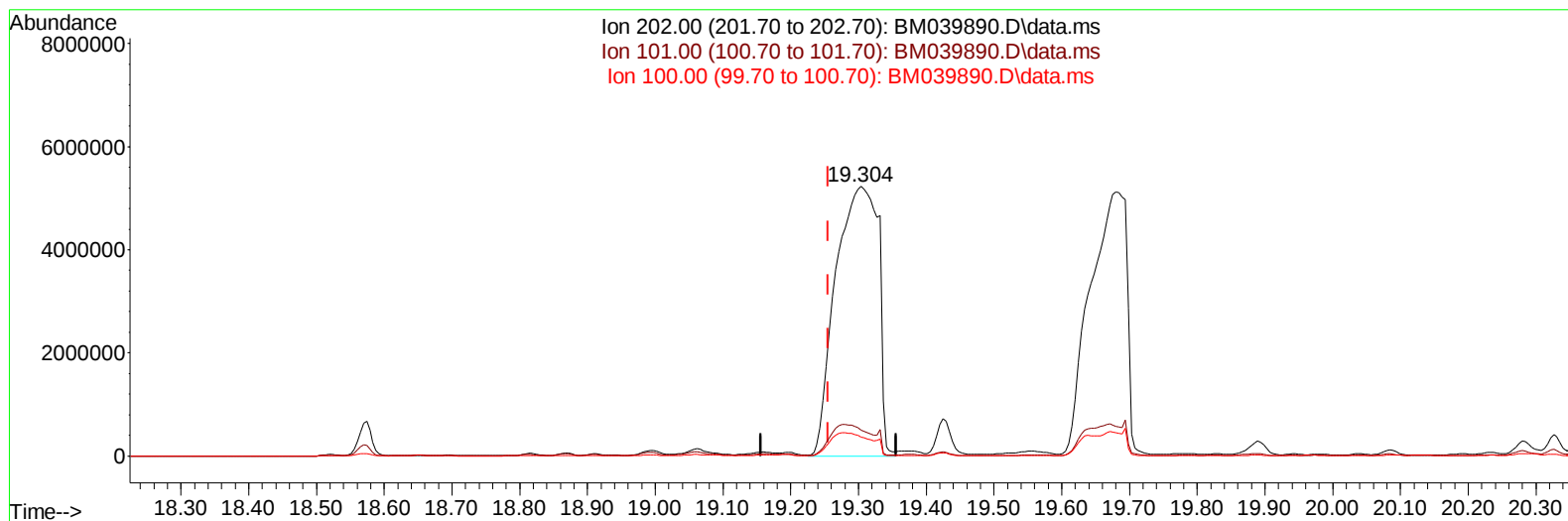
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(19) Fluoranthene (C)

19.304min (+ 0.048) 366.86 ng/u1 m

response 22638490

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	9.69#
100.00	9.10	7.04#
0.00	0.00	0.00

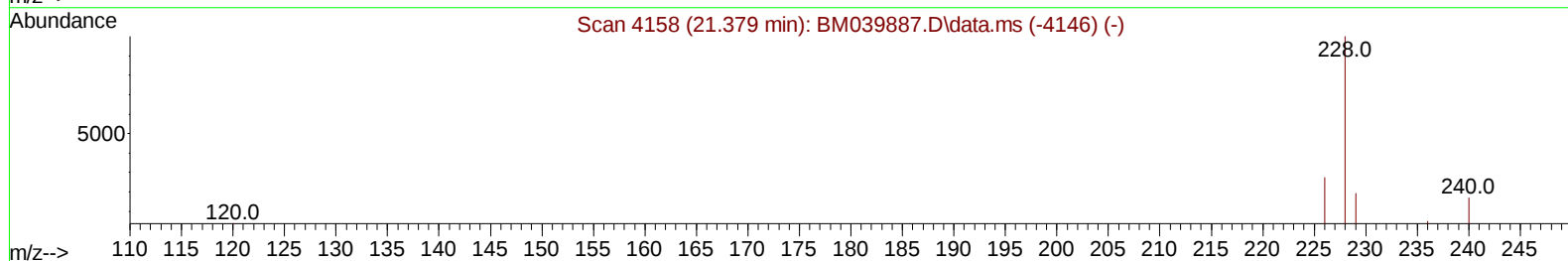
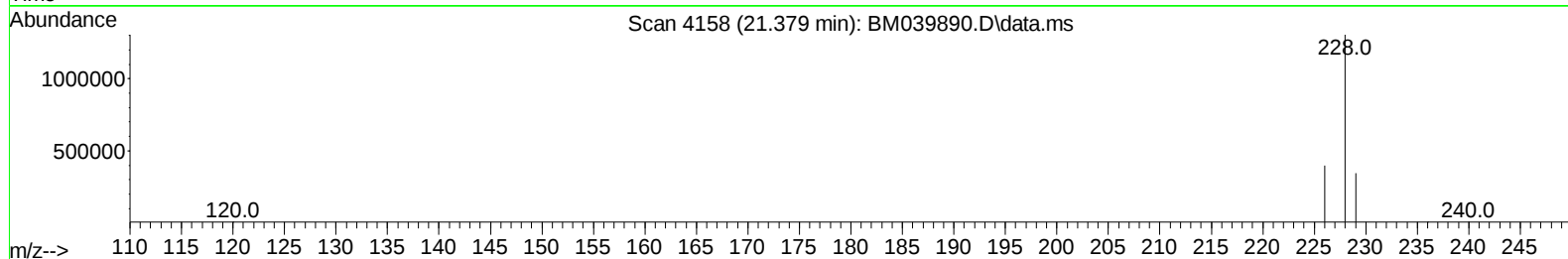
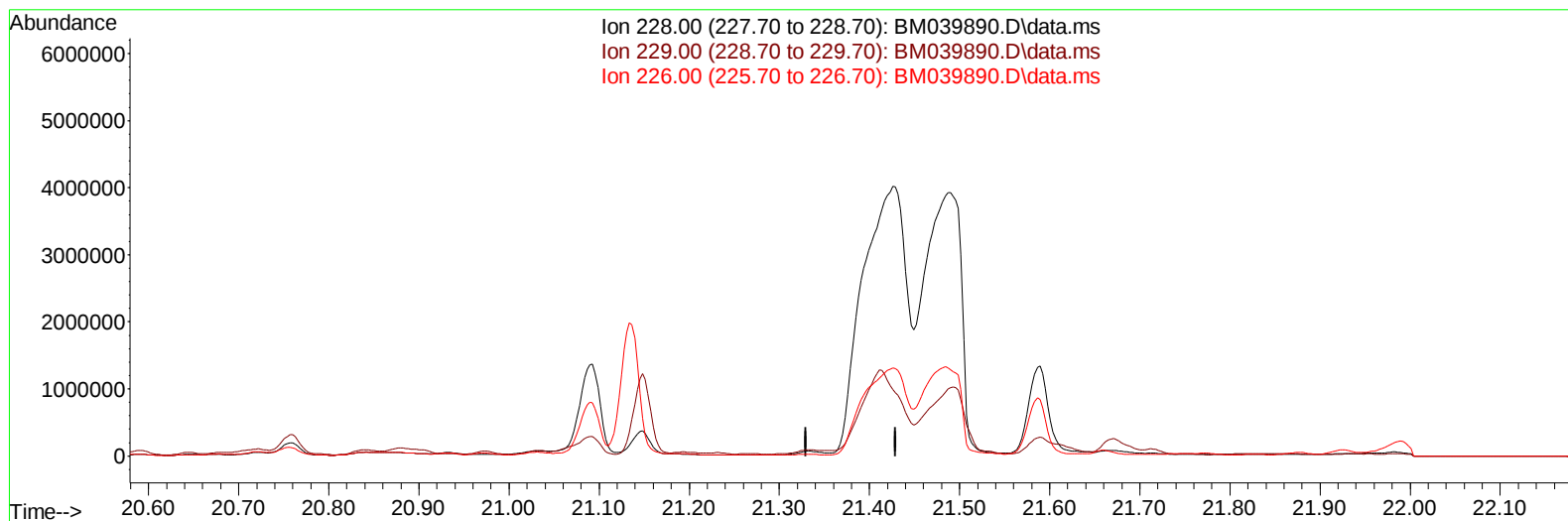
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

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TIC: BM039890.D\data.ms

(21) Benzo(a)anthracene

21.379min (-21.379) 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

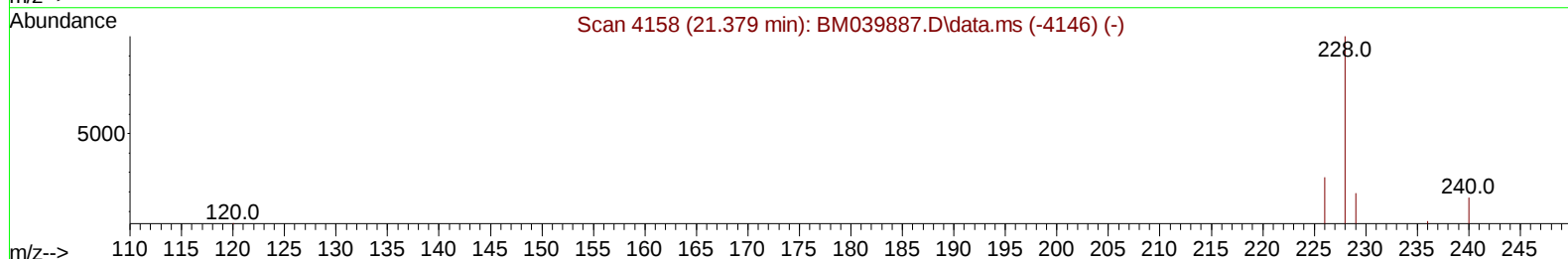
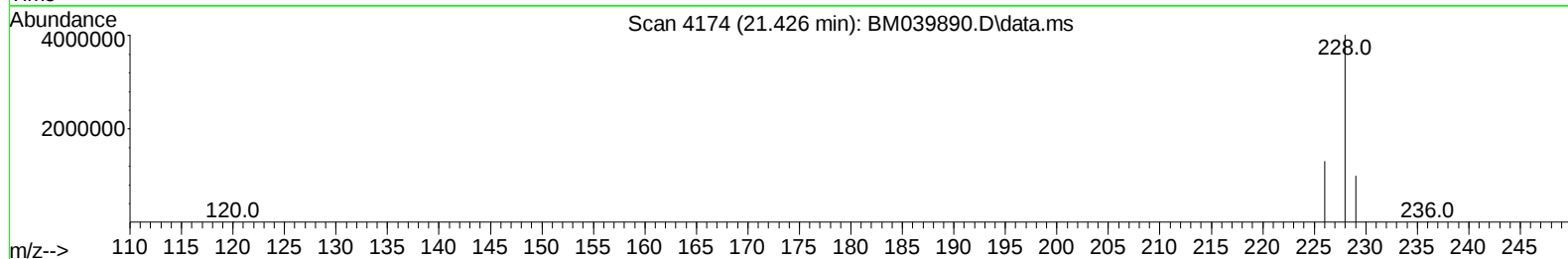
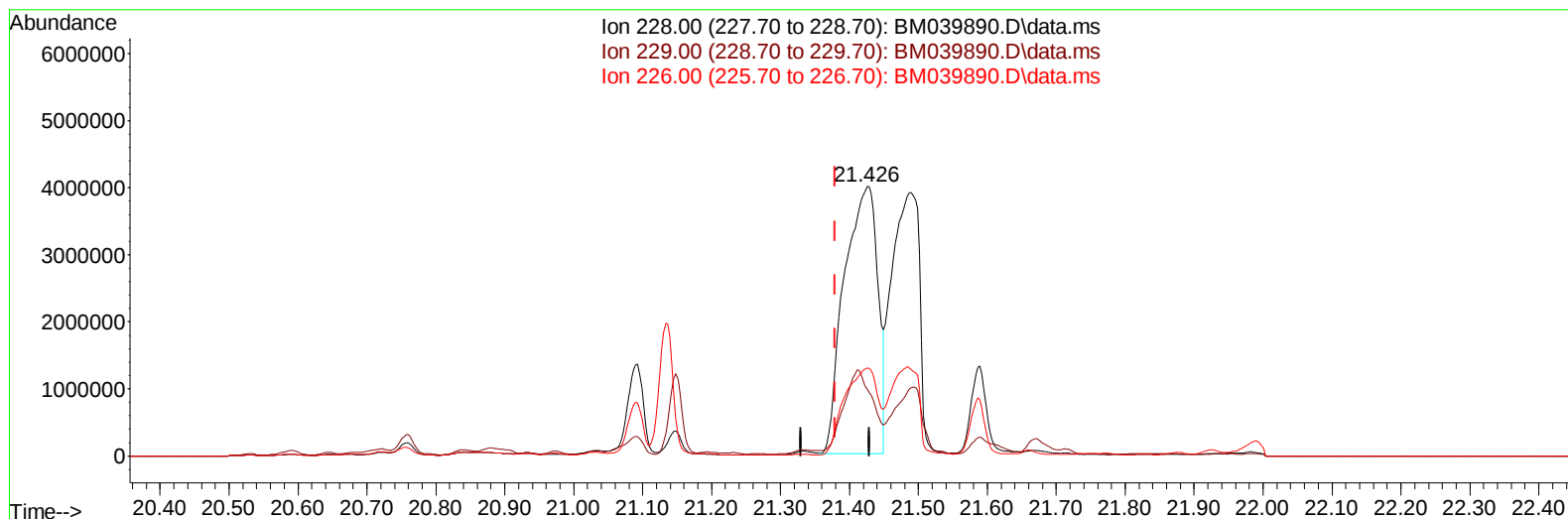
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
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TIC: BM039890.D\data.ms

(21) Benzo(a)anthracene

21.426min (+ 0.046) 269.84 ng/u1 m

response 13419755

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.20	24.67#
226.00	27.00	32.65#
0.00	0.00	0.00

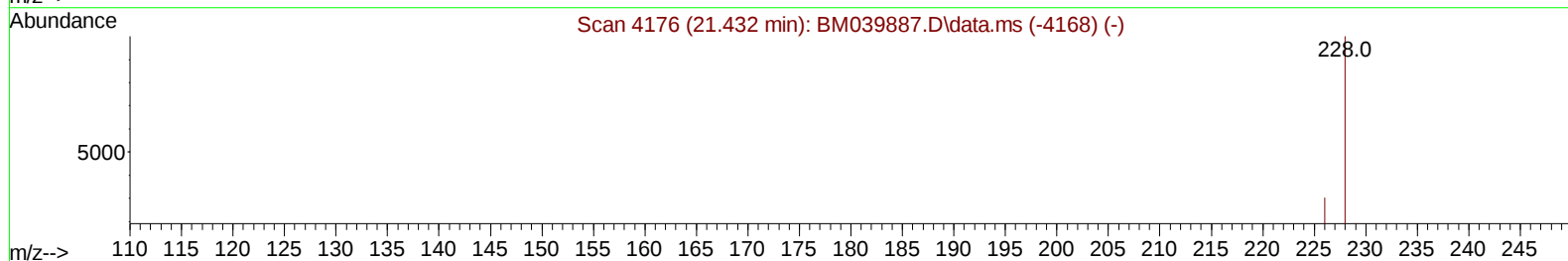
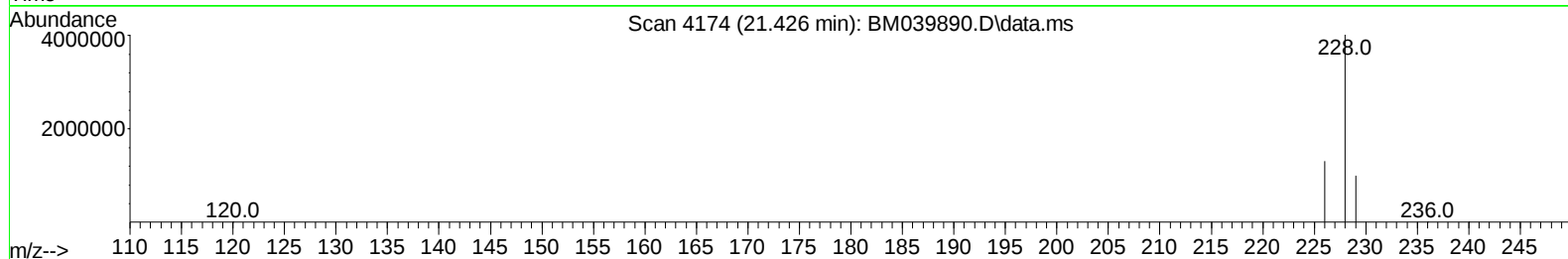
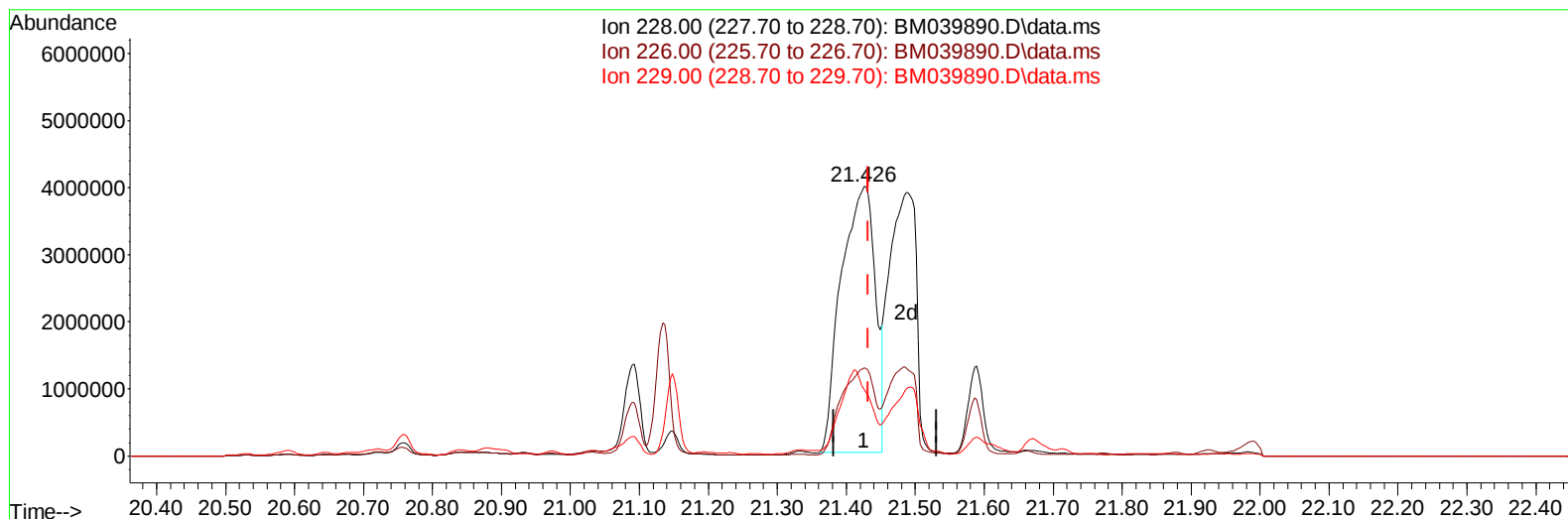
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/10/2023
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Quant Time: May 10 00:26:37 2023
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 Response via : Initial Calibration



TIC: BM039890.D\data.ms

(22) Chrysene

21.426min (-0.006) 241.82 ng/u1

response 13609727

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	32.65
229.00	19.90	24.67#
0.00	0.00	0.00

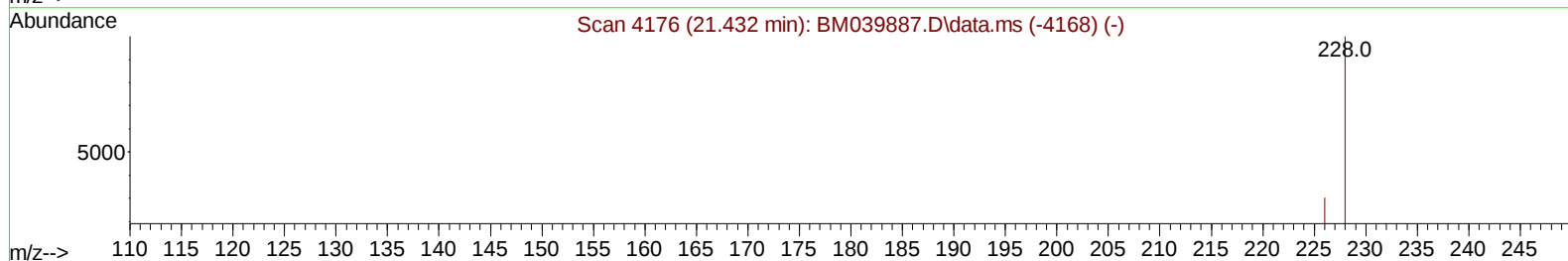
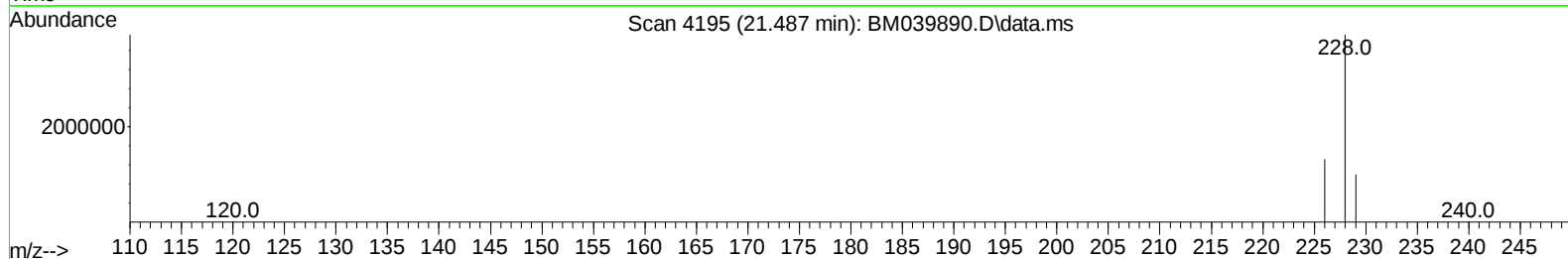
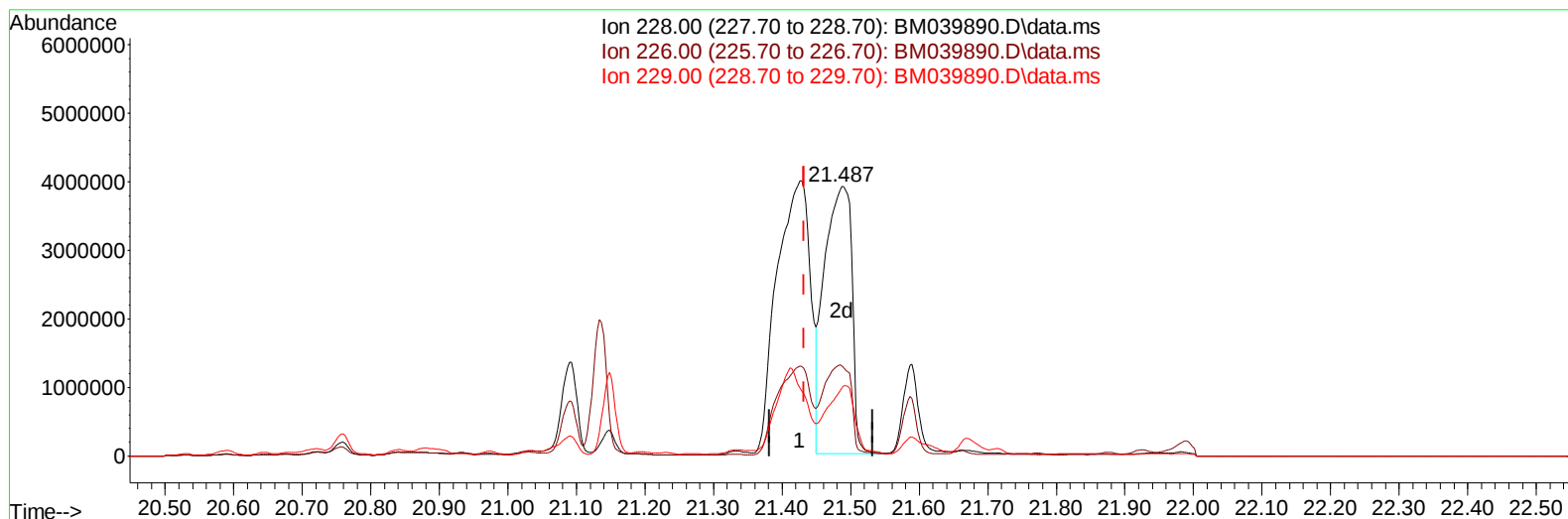
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

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Quant Time: May 10 00:26:37 2023
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 Response via : Initial Calibration



TIC: BM039890.D\data.ms

(22) Chrysene

21.487min (+ 0.055) 192.55 ng/u1 m

response 10836683

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	33.49
229.00	19.90	25.37#
0.00	0.00	0.00

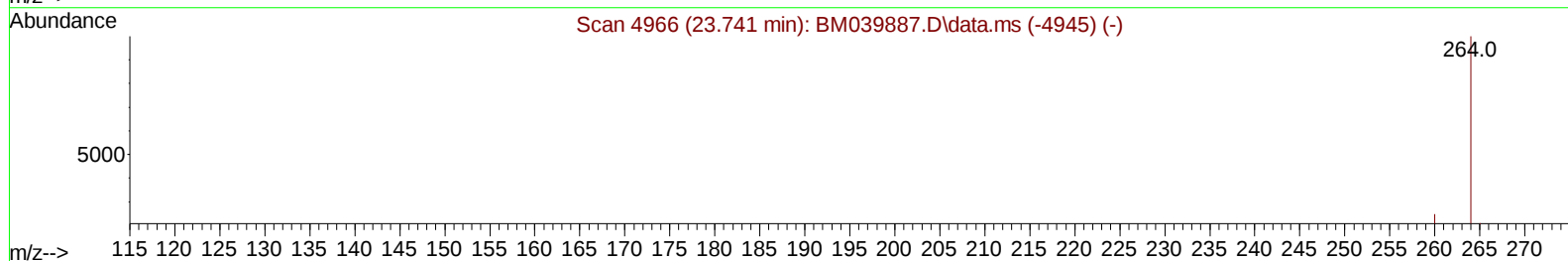
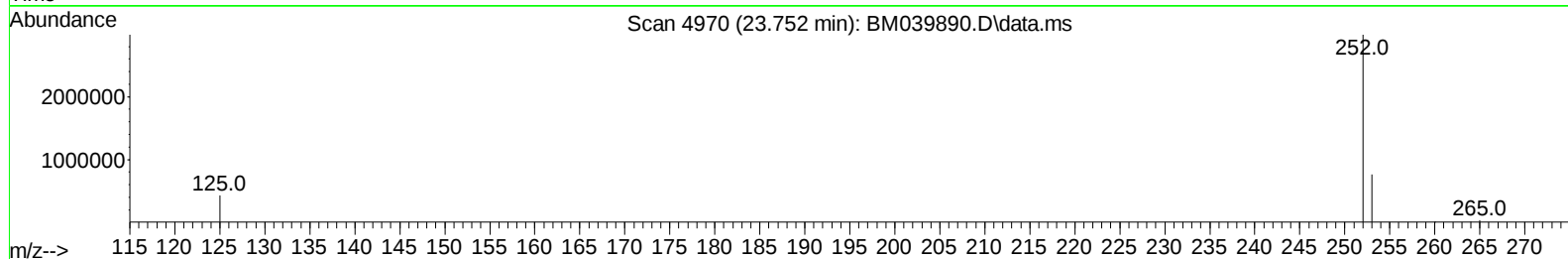
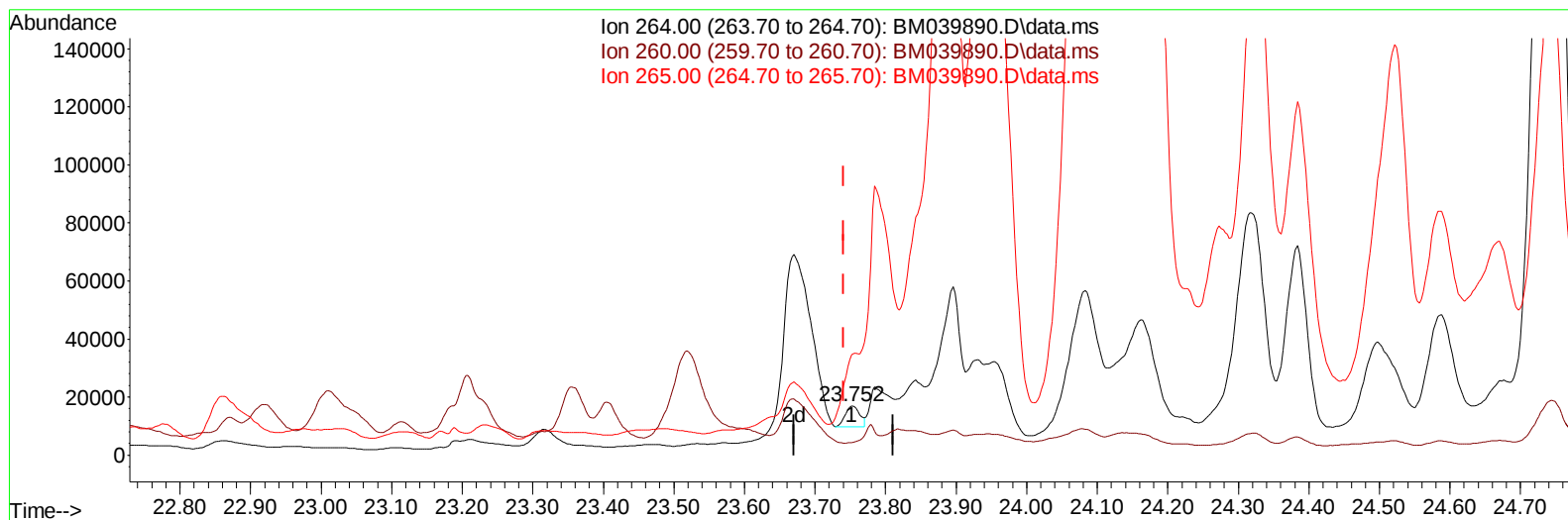
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

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TIC: BM039890.D\data.ms

(23) Perylene-d12 (I)

23.752min (+ 0.011) 0.40 ng/ul

response 10311

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	25.73
265.00	71.90	203.76#
0.00	0.00	0.00

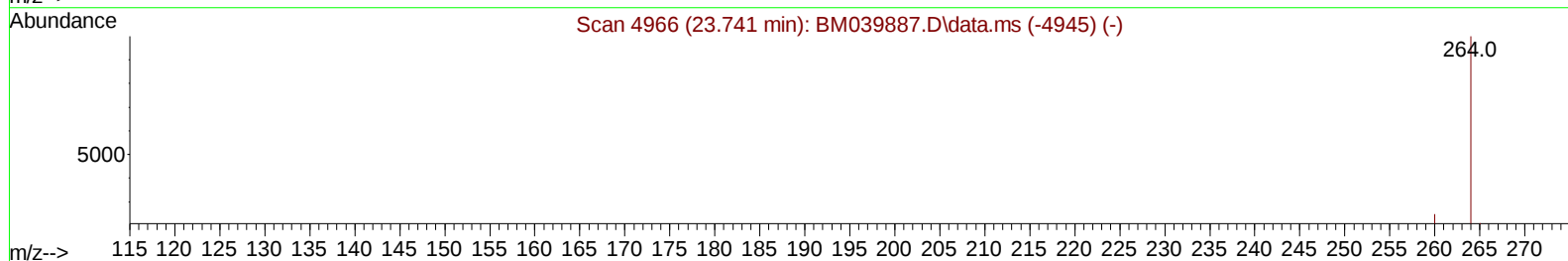
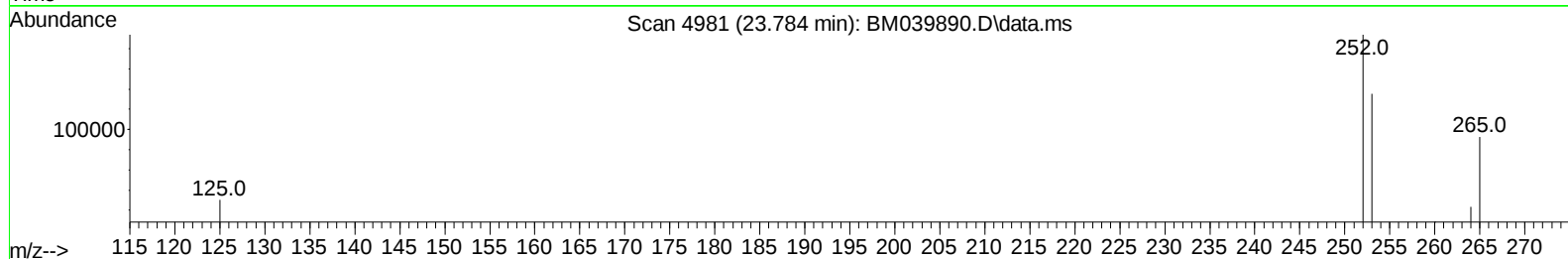
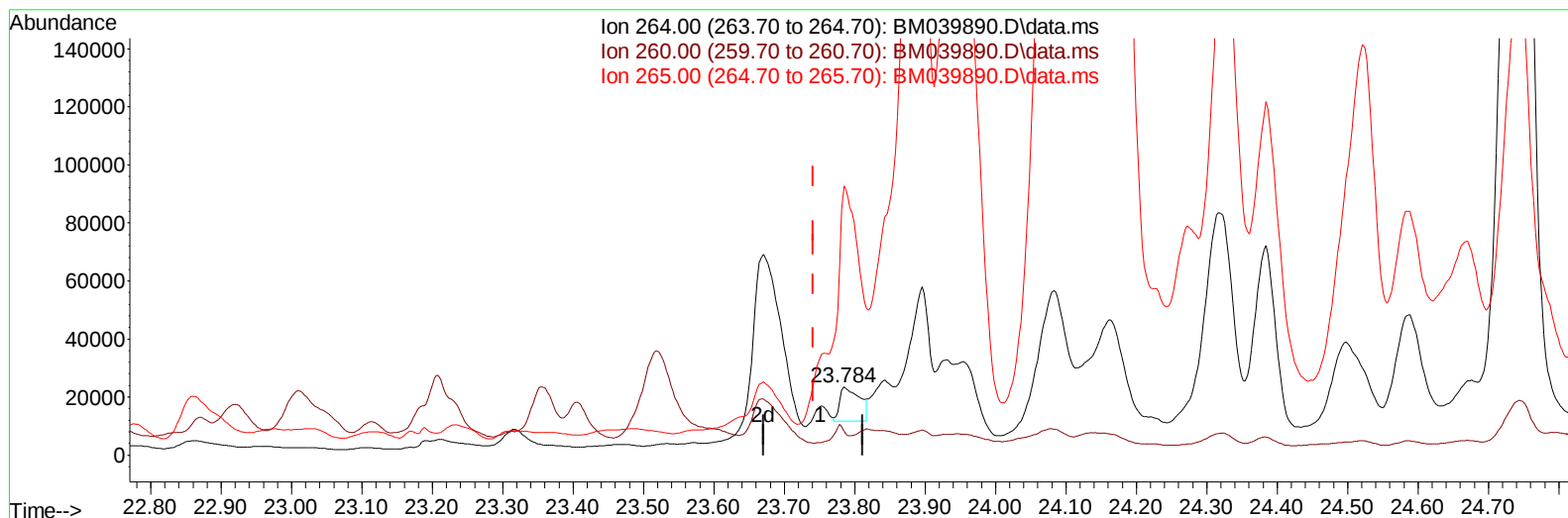
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(23) Perylene-d12 (I)

23.784min (+ 0.043) 0.40 ng/ul m

response 23700

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	35.25#
265.00	71.90	394.45#
0.00	0.00	0.00

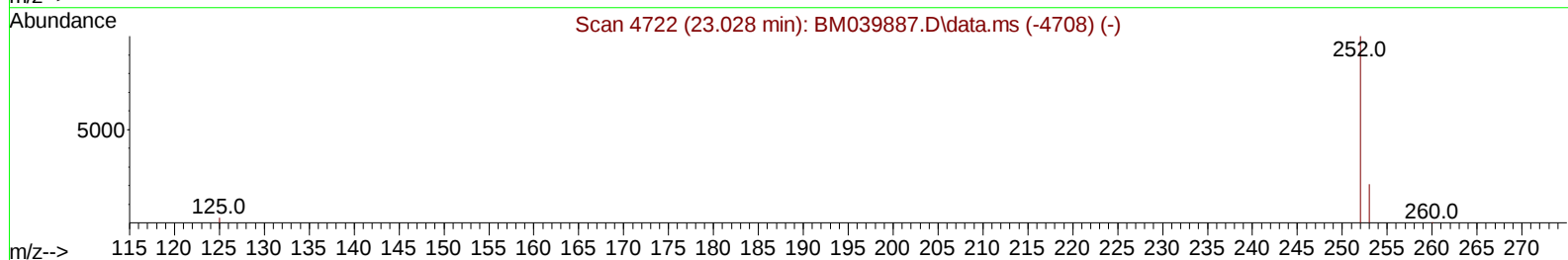
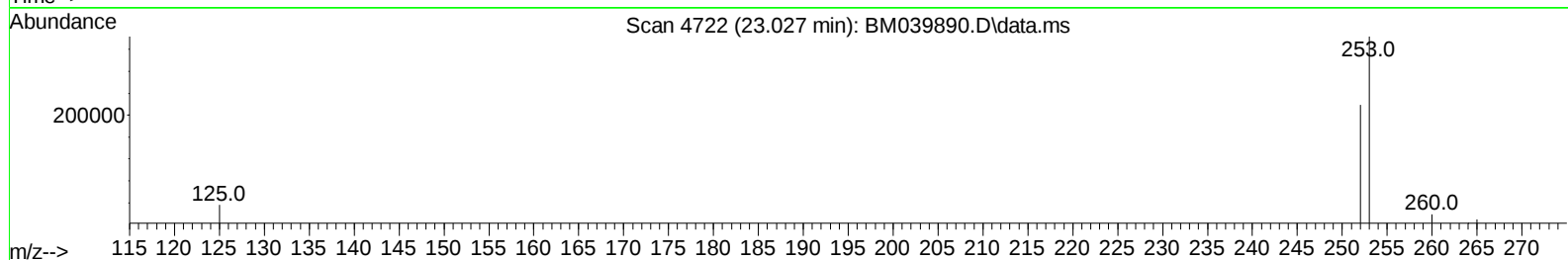
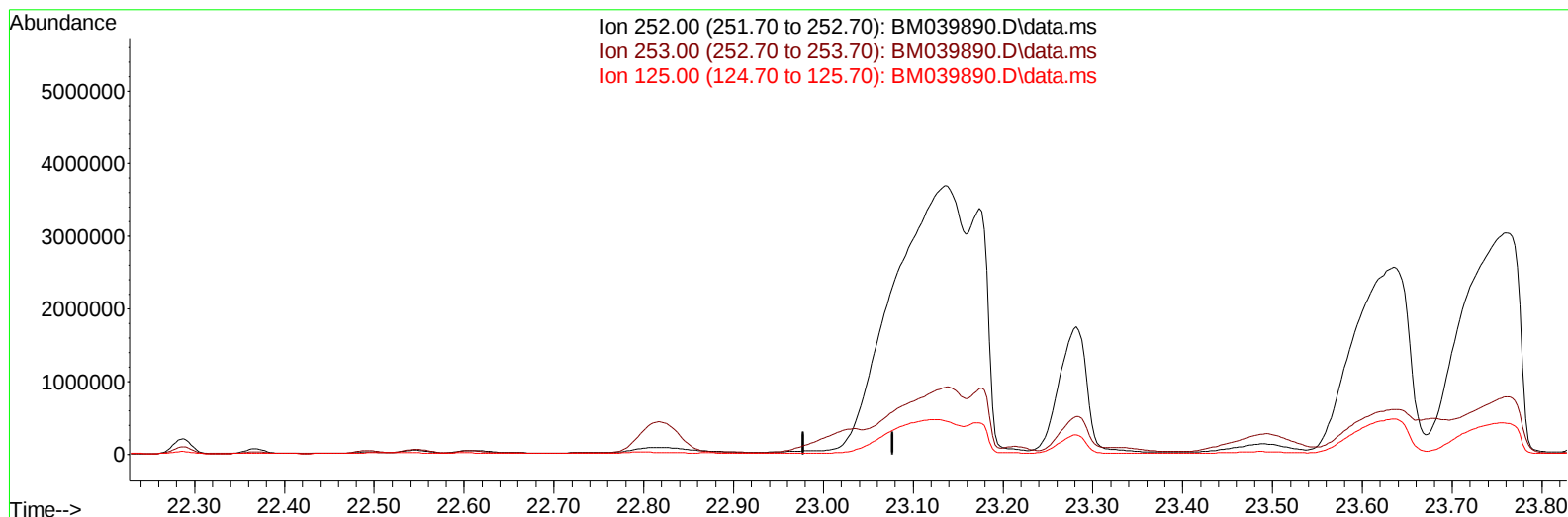
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
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TIC: BM039890.D\data.ms

(24) Benzo(b)fluoranthene

23.028min (-23.028) 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

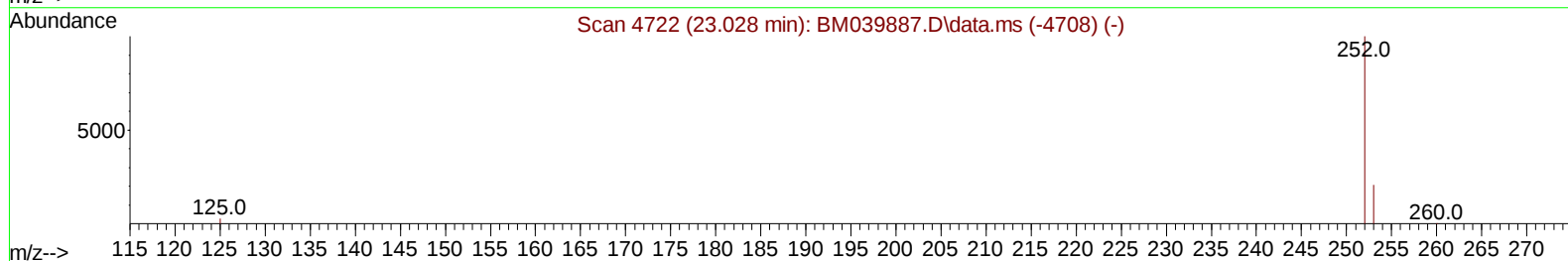
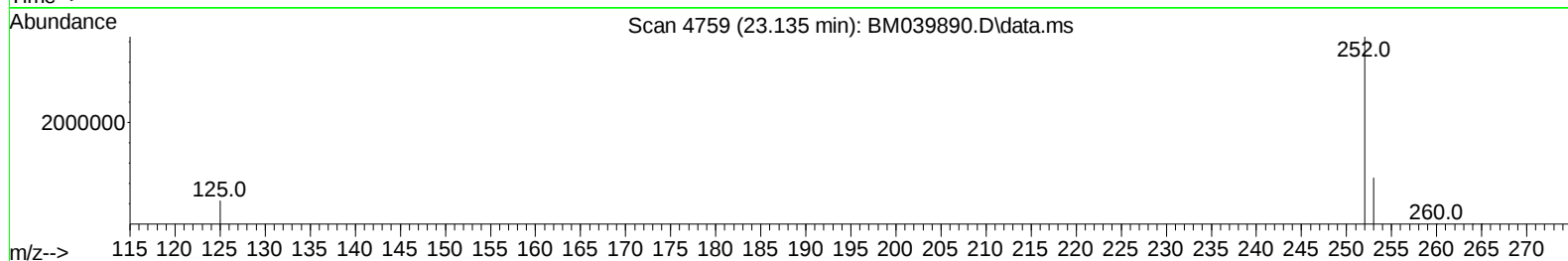
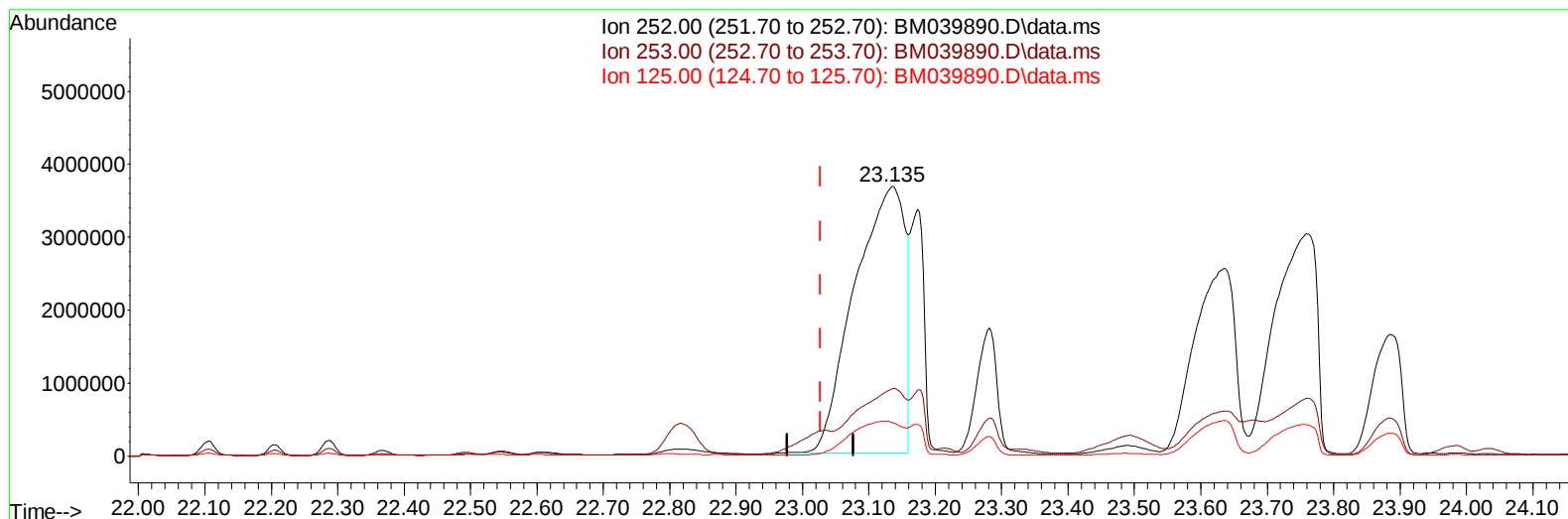
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(24) Benzo(b)fluoranthene

23.135min (+ 0.108) 230.81 ng/u1 m

response 19211027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	24.87
125.00	15.80	12.50
0.00	0.00	0.00

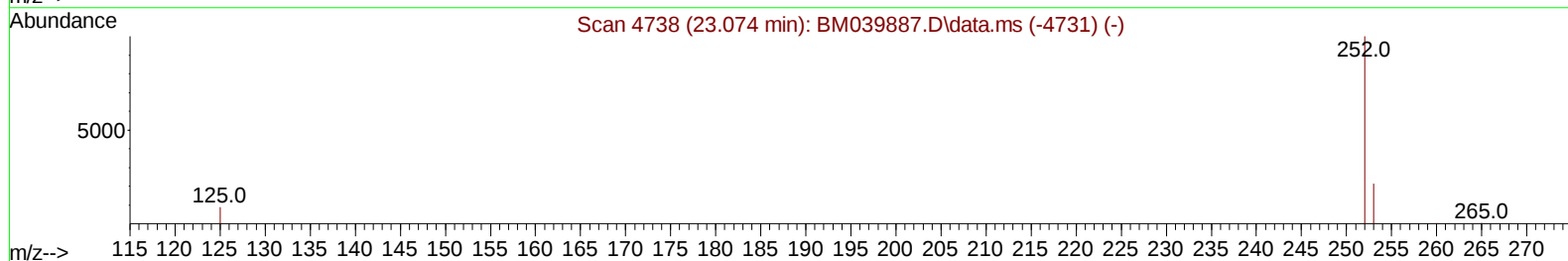
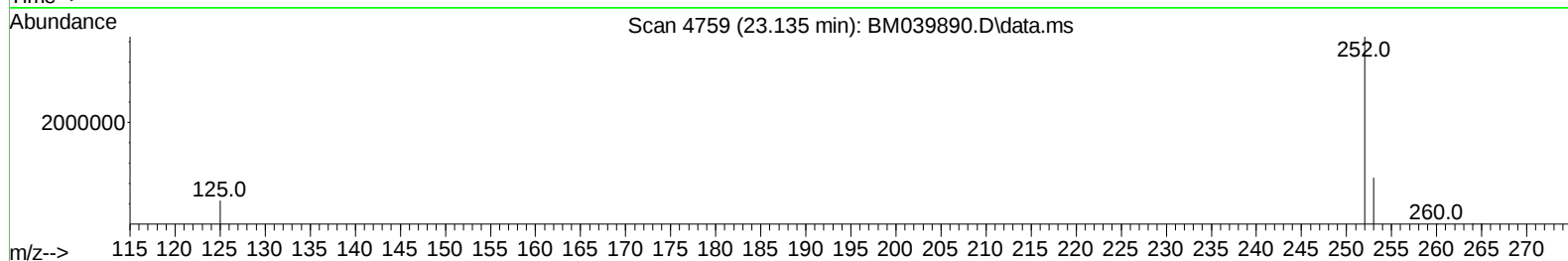
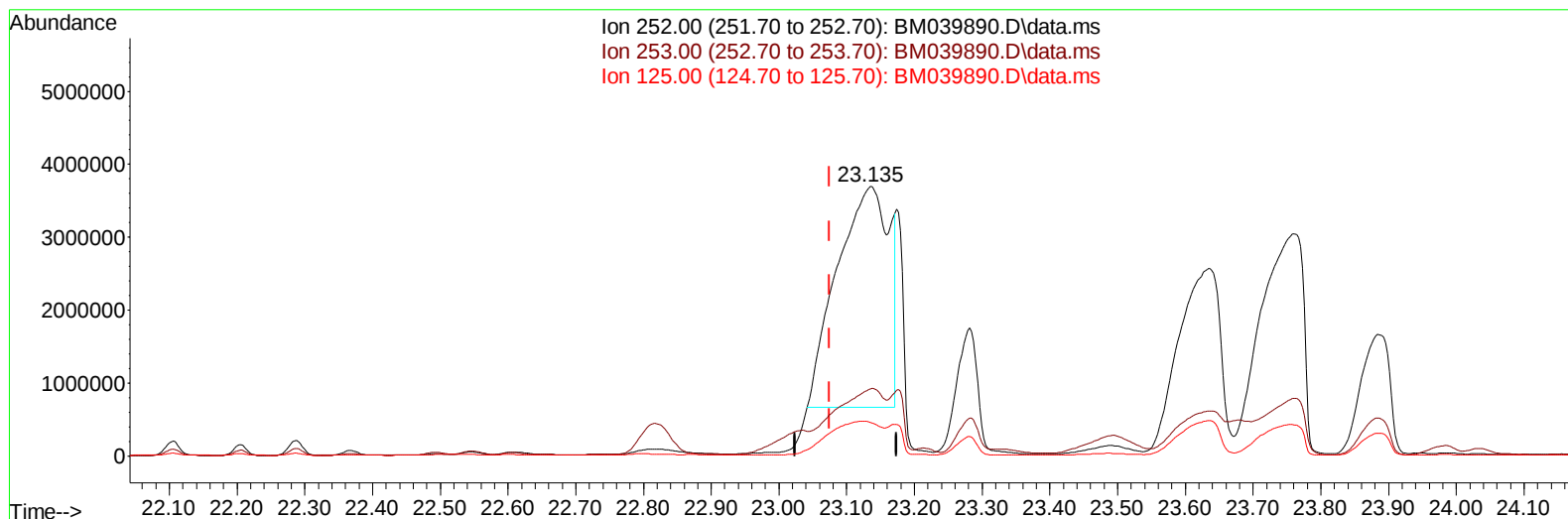
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
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Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(25) Benzo(k)fluoranthene

23.135min (+ 0.061) 190.22 ng/u1

response 16121100

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.87
125.00	16.30	12.50#
0.00	0.00	0.00

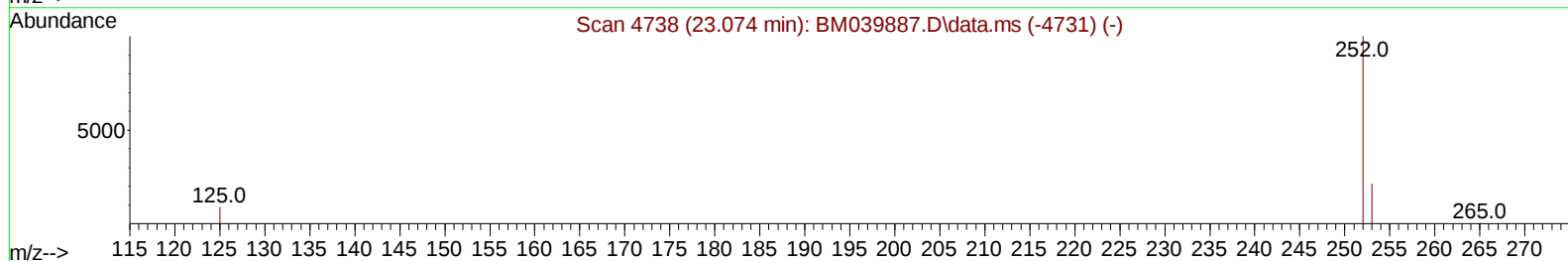
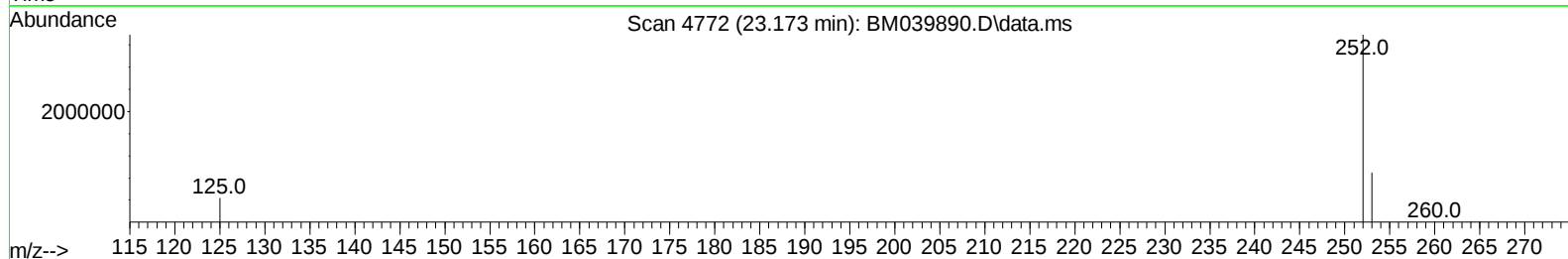
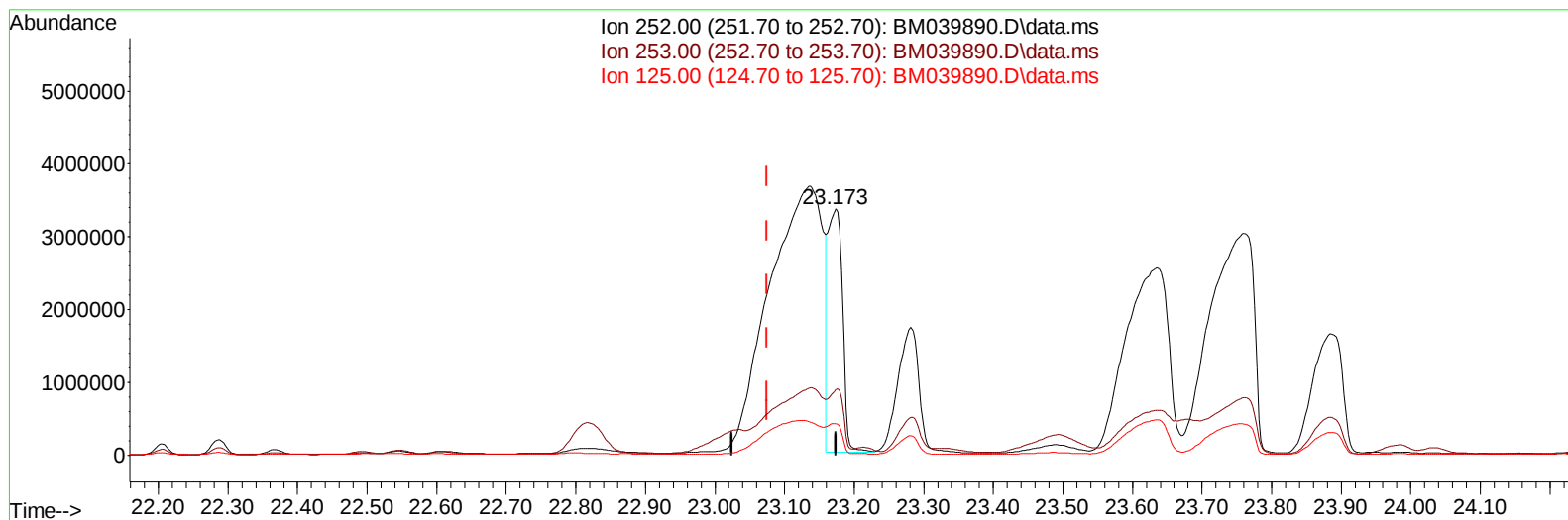
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
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Reviewed By :Christian Giraldo 05/10/2023
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TIC: BM039890.D\data.ms

(25) Benzo(k)fluoranthene

23.173min (+ 0.099) 57.28 ng/ul m

response 4854673

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.52
125.00	16.30	12.81#
0.00	0.00	0.00

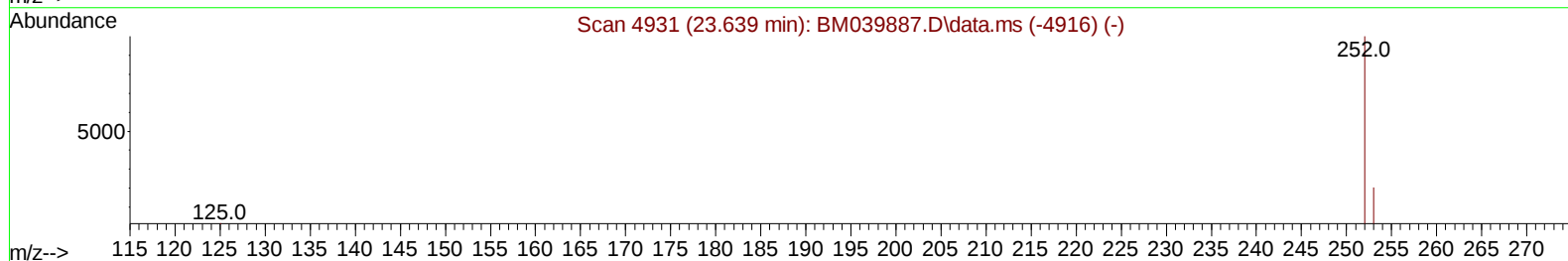
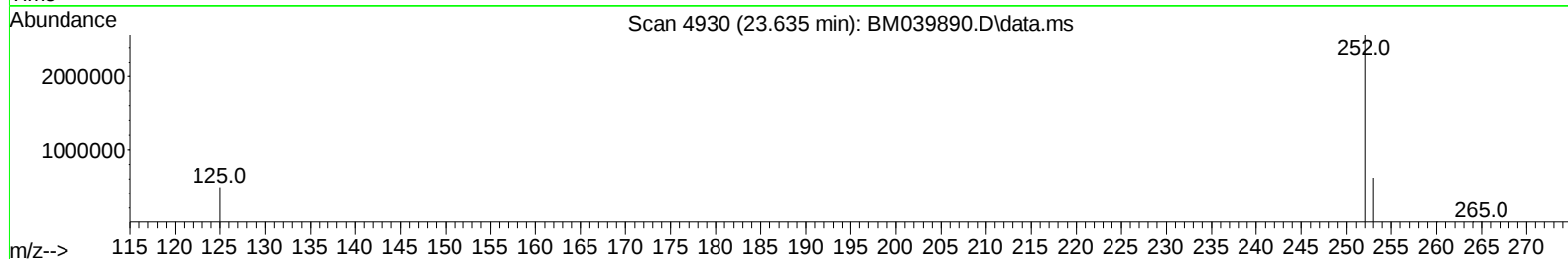
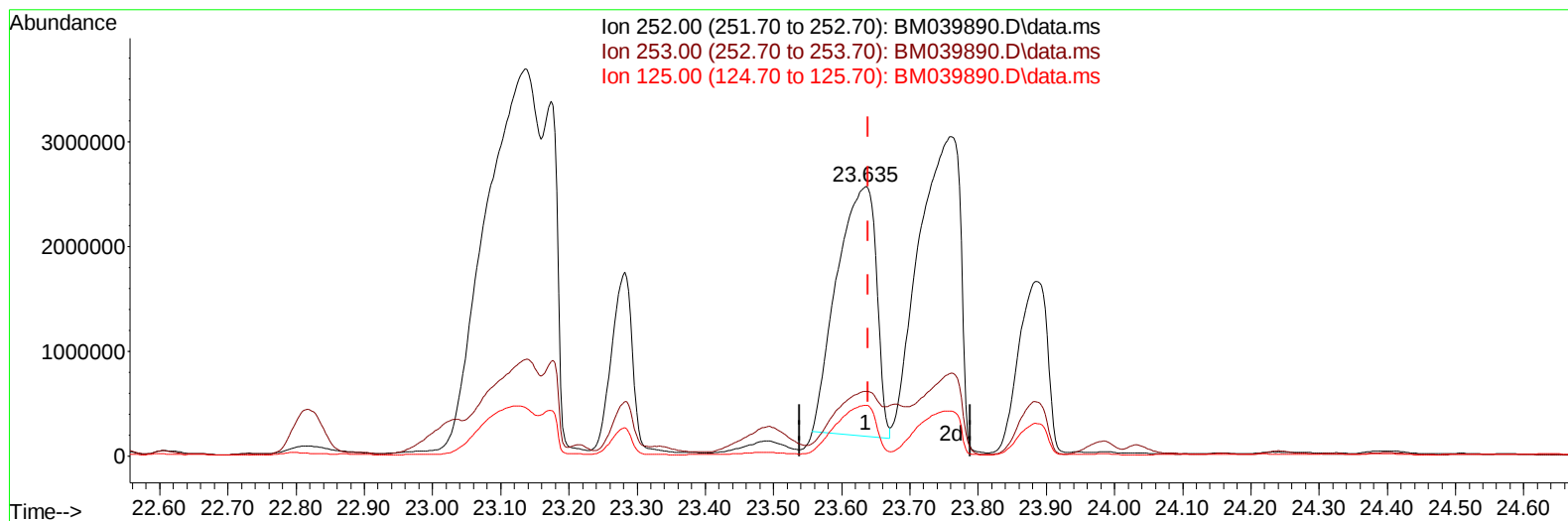
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Christian Giraldo 05/10/2023
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TIC: BM039890.D\data.ms

(26) Benzo(a)pyrene (C)

23.635min (-0.003) 127.95 ng/u1

response 9561611

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.90	24.03#
125.00	20.60	18.76
0.00	0.00	0.00

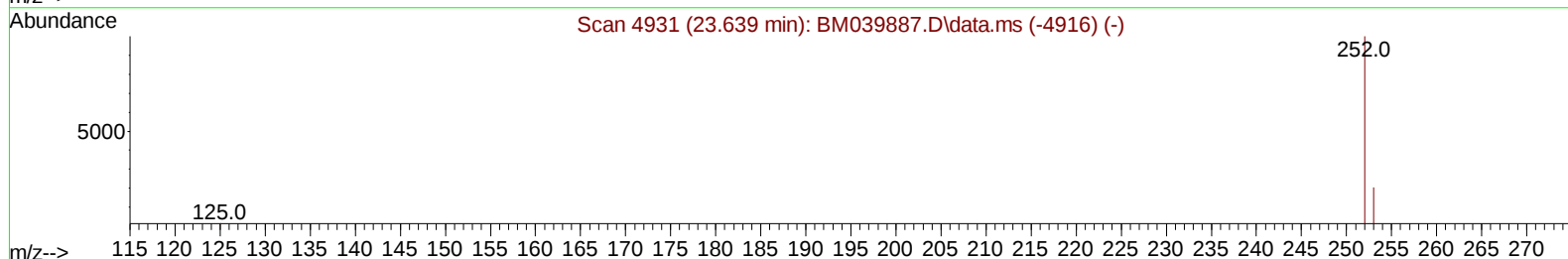
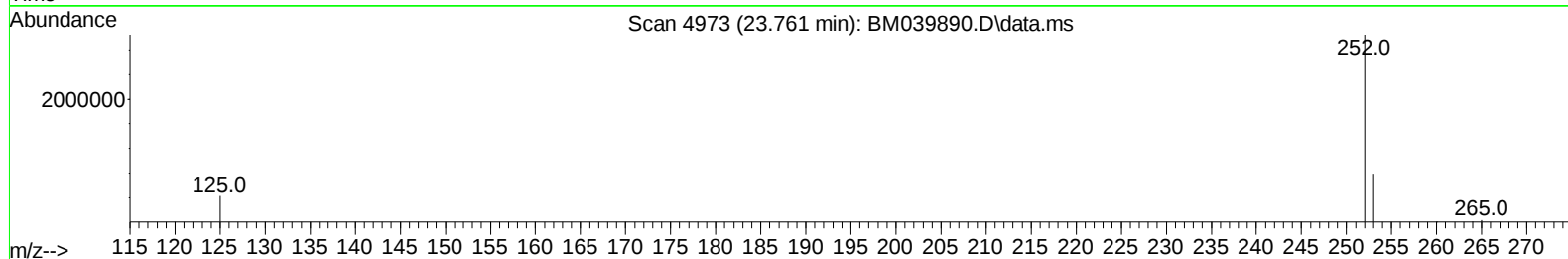
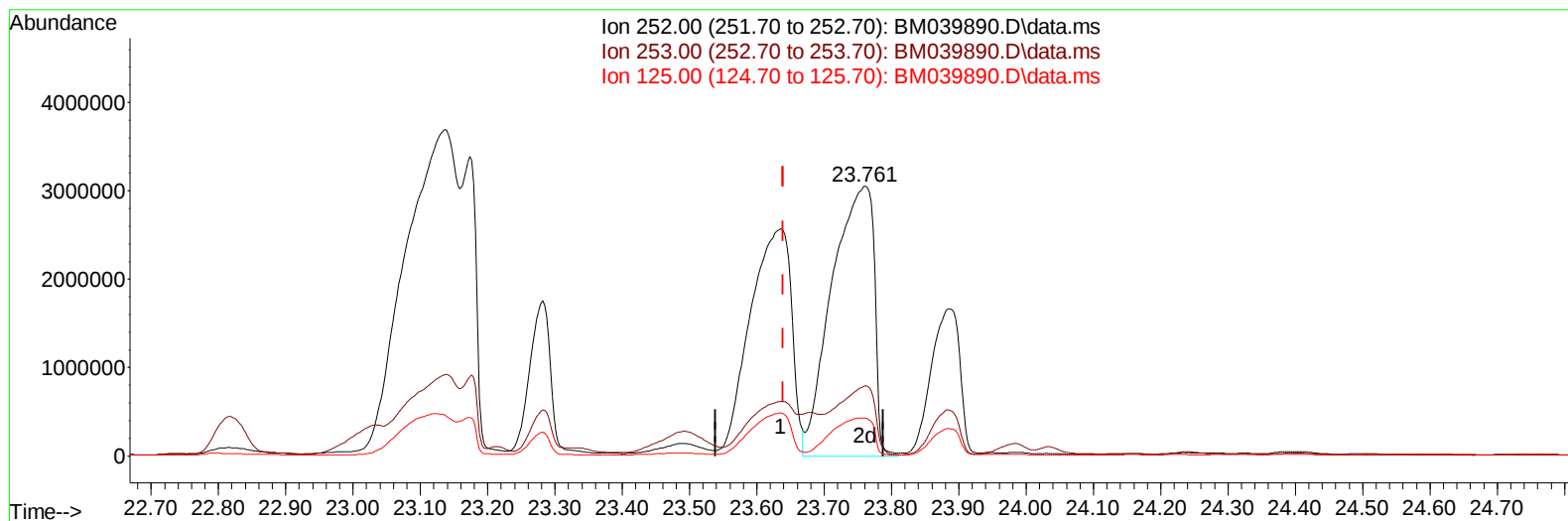
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

(26) Benzo(a)pyrene (C)

23.761min (+ 0.122) 178.83 ng/ul m

response 13363746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.90	26.02
125.00	20.60	14.03#
0.00	0.00	0.00

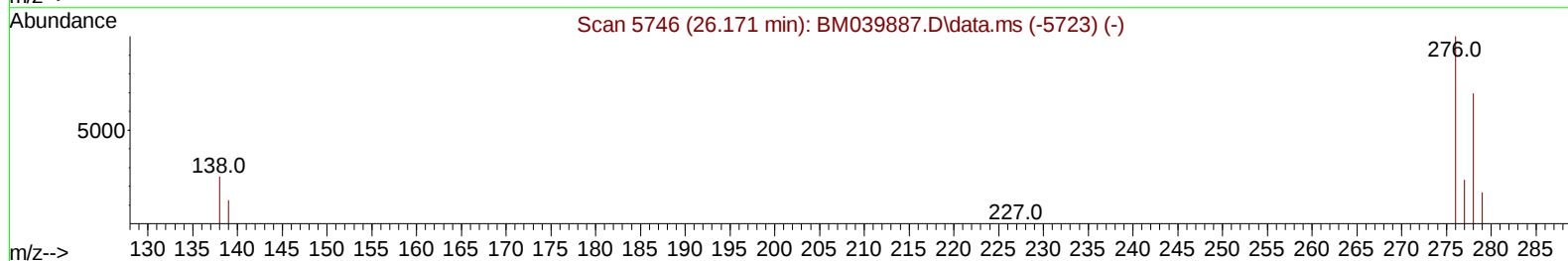
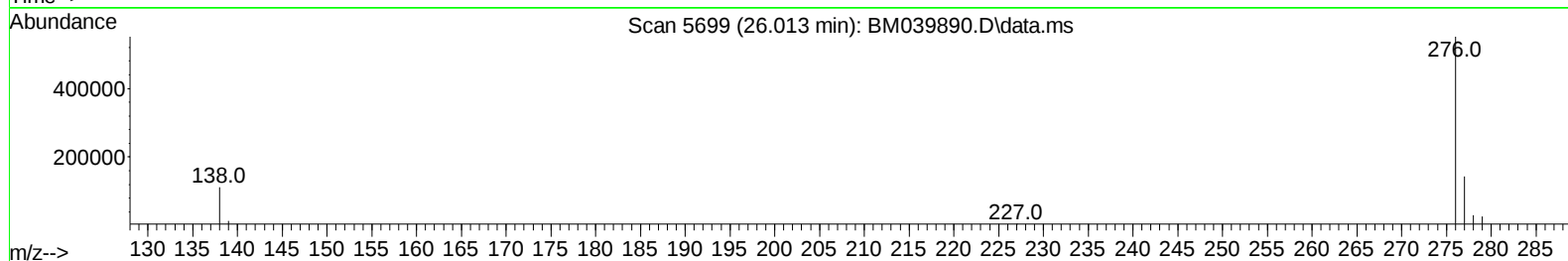
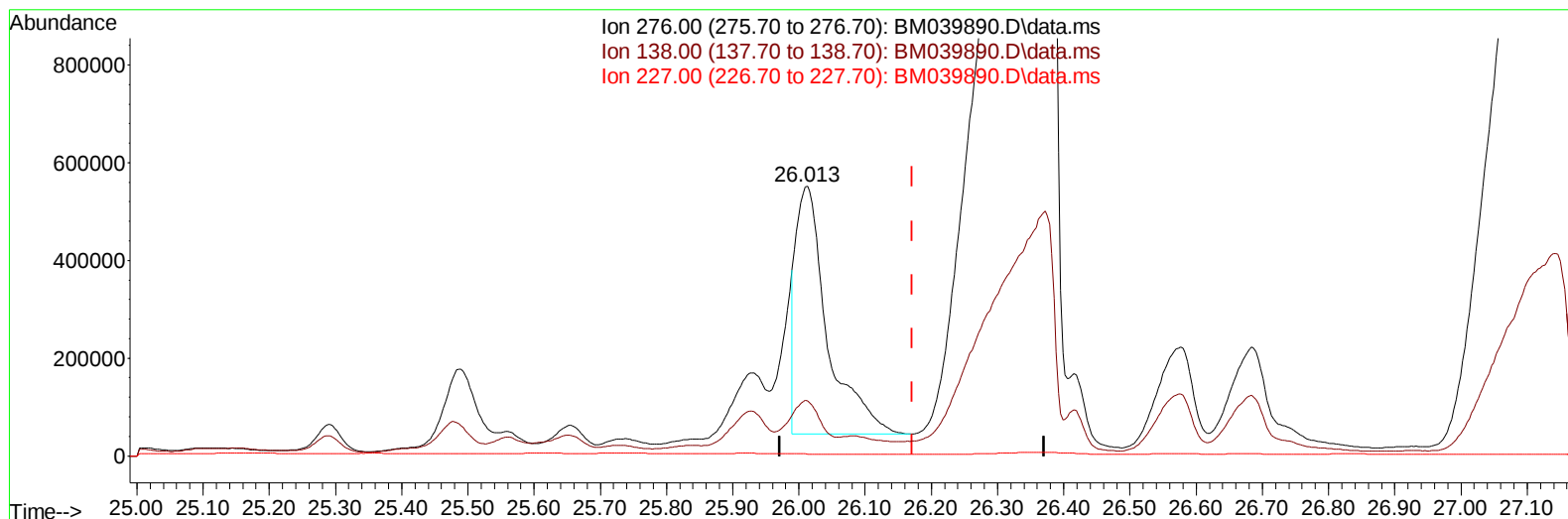
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

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

26.013min (-0.158) 17.70 ng/u1

response 1672736

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.40	14.54#
227.00	0.10	0.00#
0.00	0.00	0.00

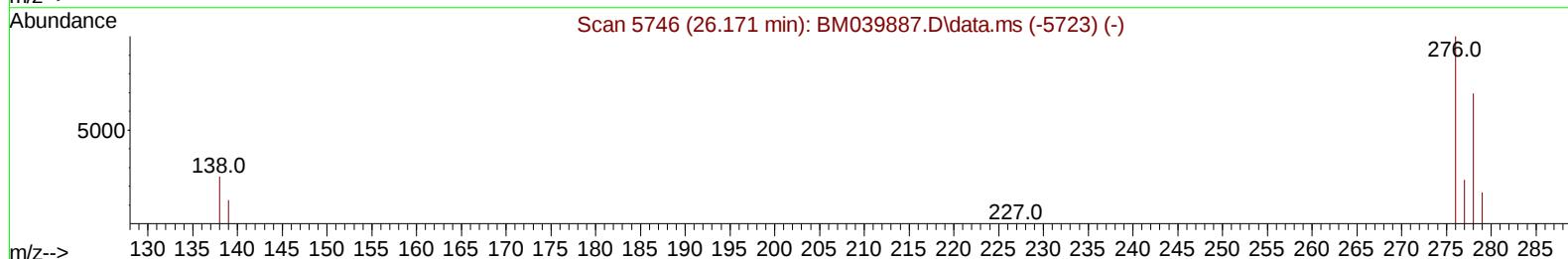
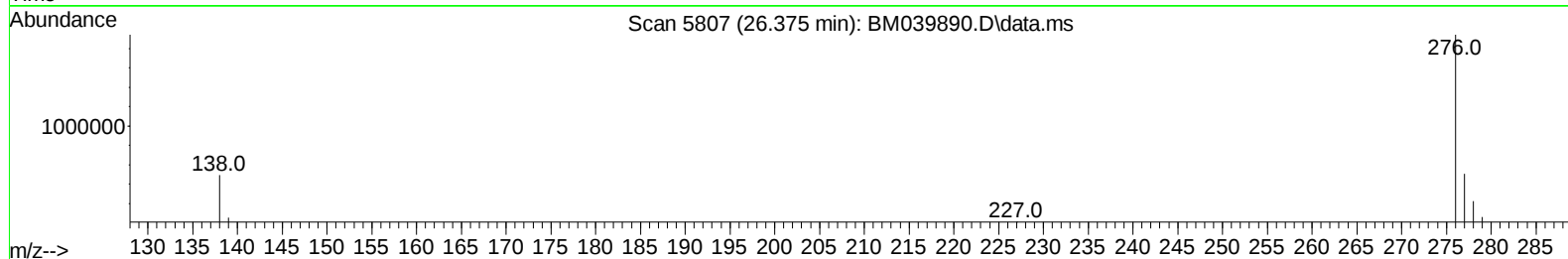
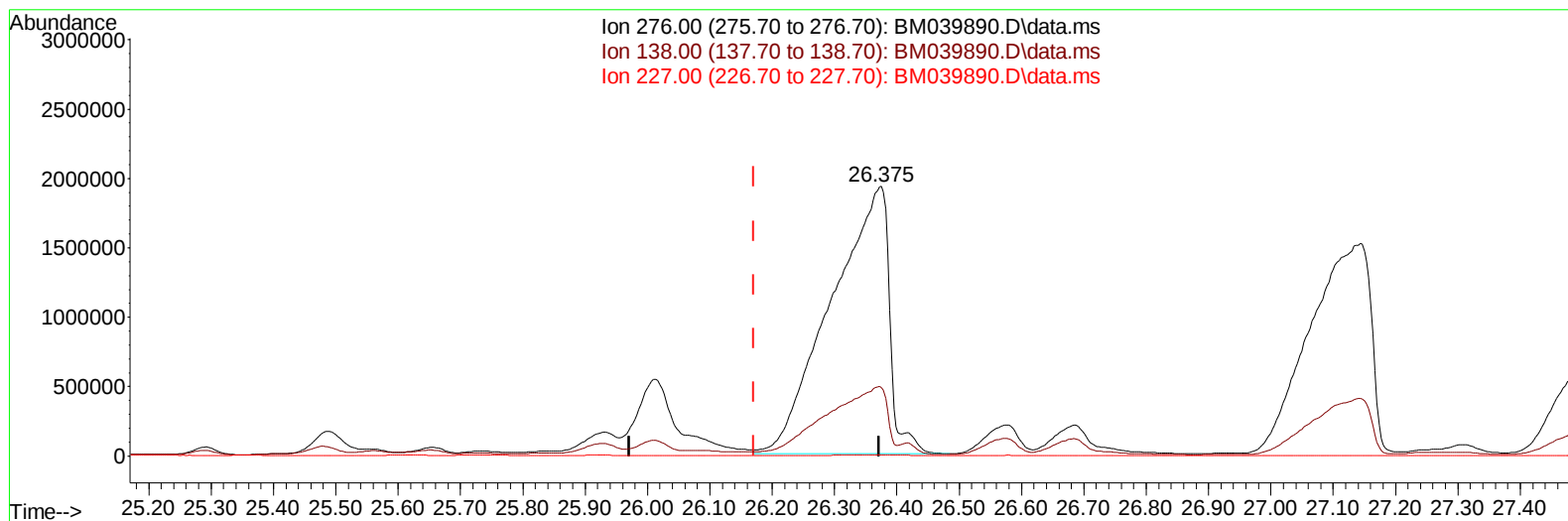
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM039890.D\data.ms

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

26.375min (+ 0.204) 132.42 ng/u1 m

response 12512438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.40	1.94#
227.00	0.10	0.00#
0.00	0.00	0.00

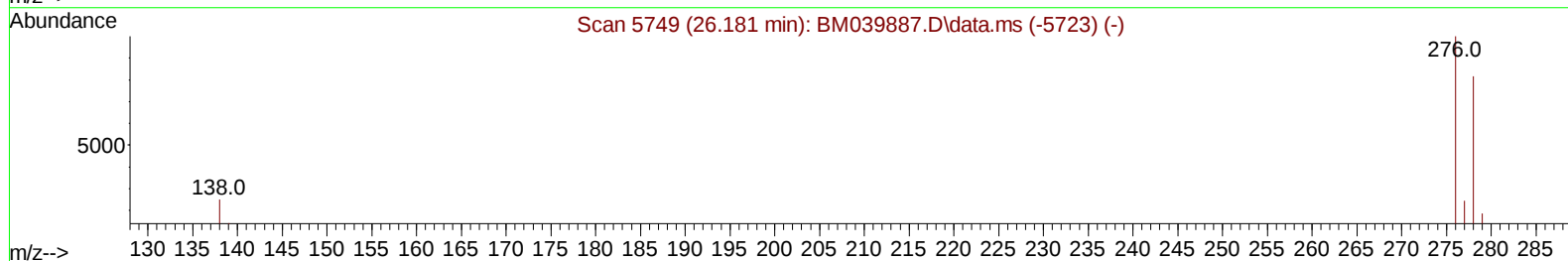
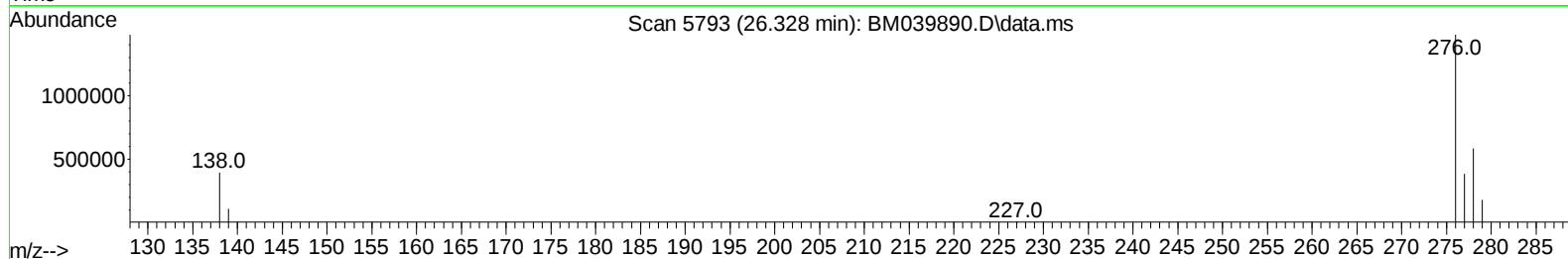
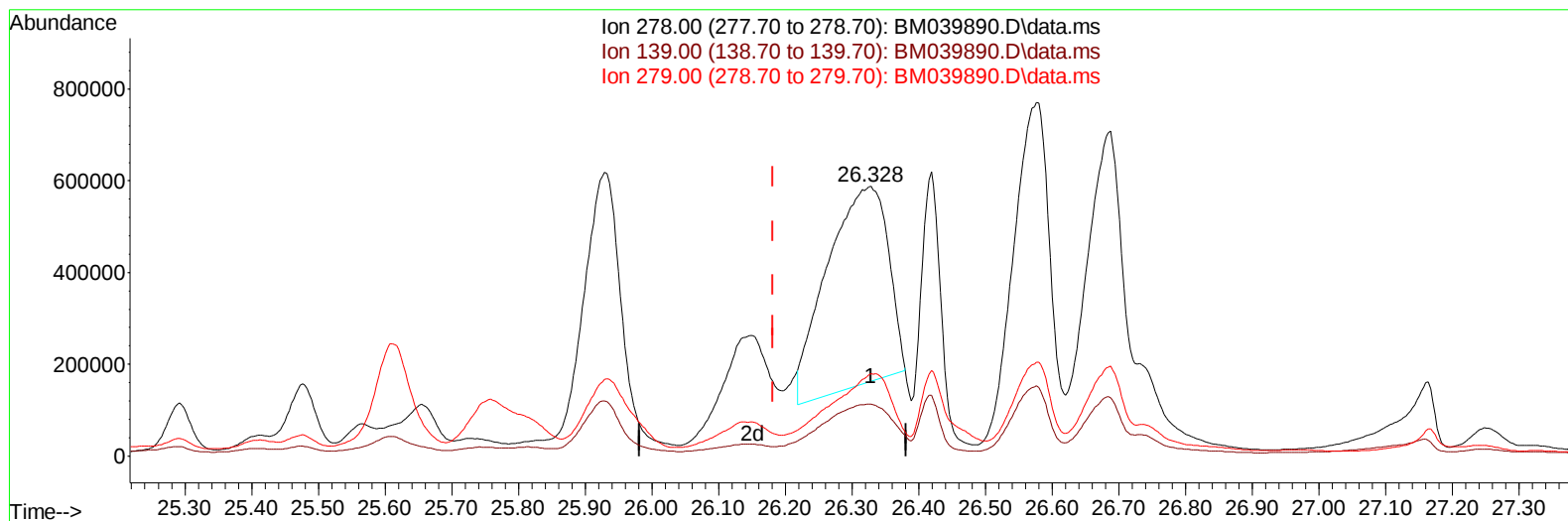
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
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TIC: BM039890.D\data.ms

(28) Dibenzo(a,h)anthracene

26.328min (+ 0.147) 37.58 ng/u1

response 2755912

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.30	19.16
279.00	29.30	30.47
0.00	0.00	0.00

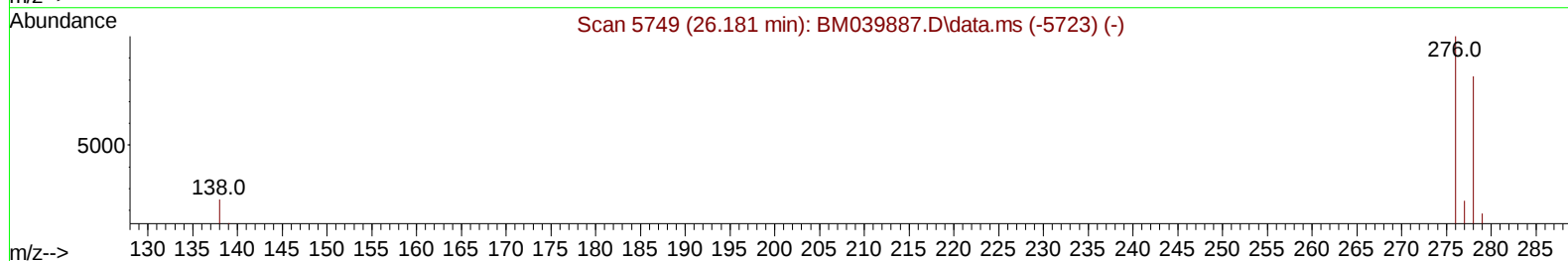
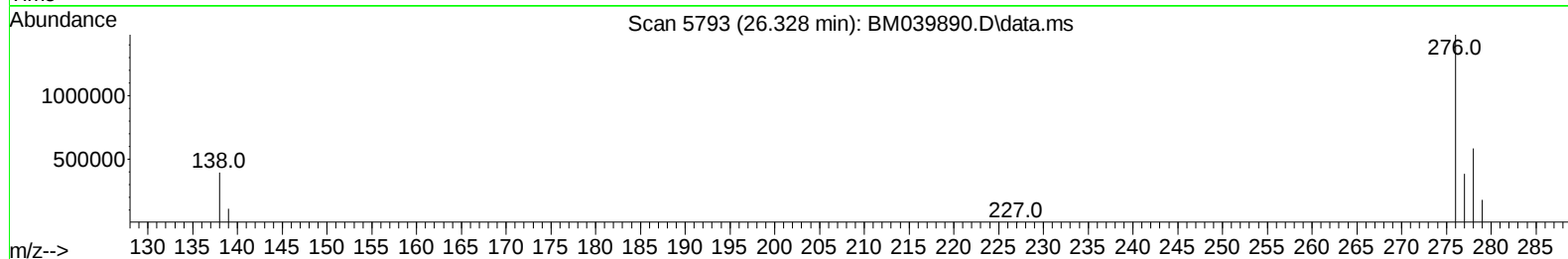
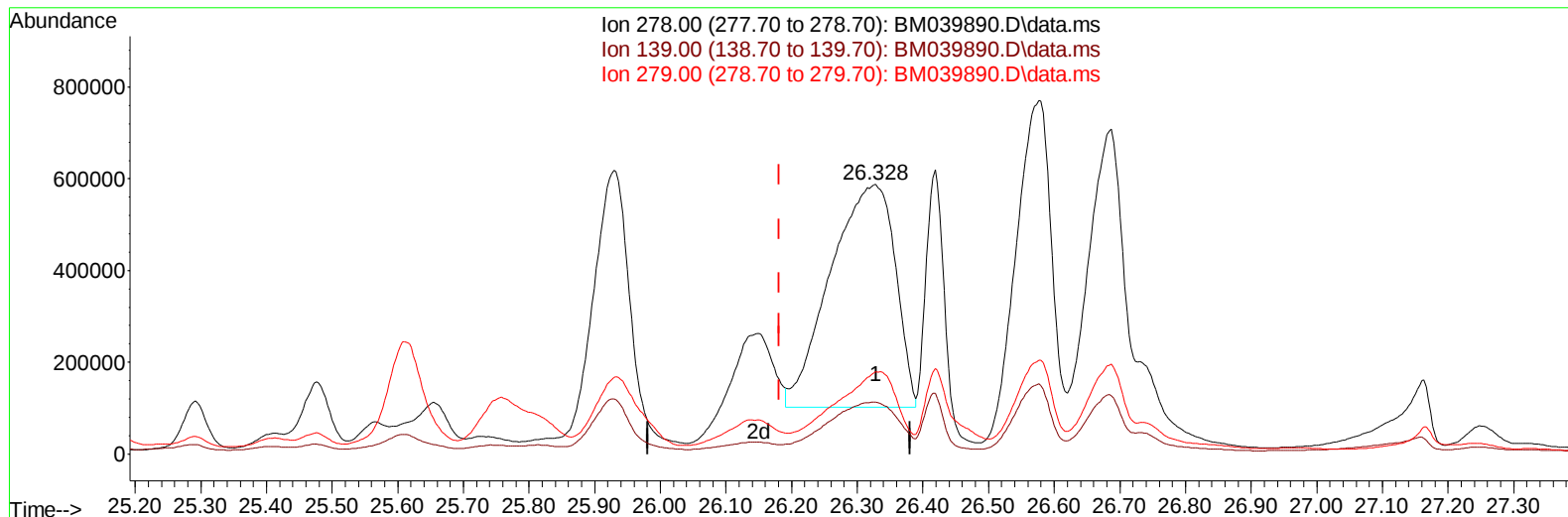
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
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TIC: BM039890.D\data.ms

(28) Dibenzo(a,h)anthracene

26.328min (+ 0.147) 45.23 ng/ul m

response 3316922

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.30	19.16
279.00	29.30	30.47
0.00	0.00	0.00

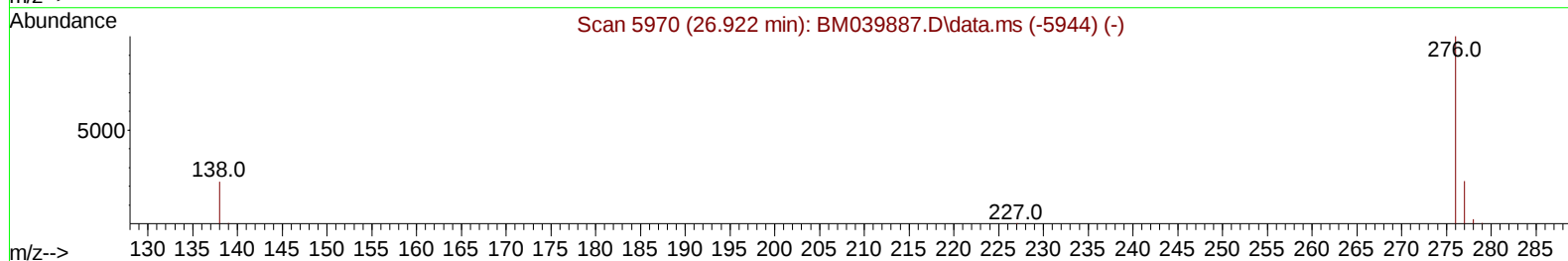
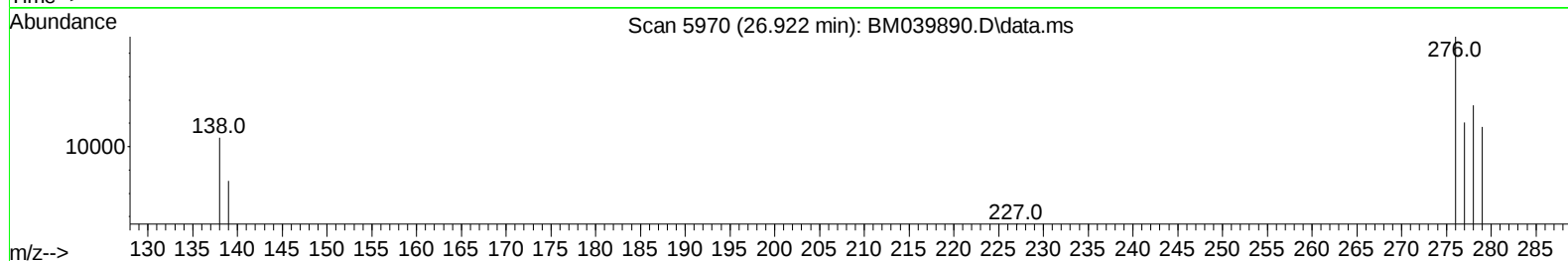
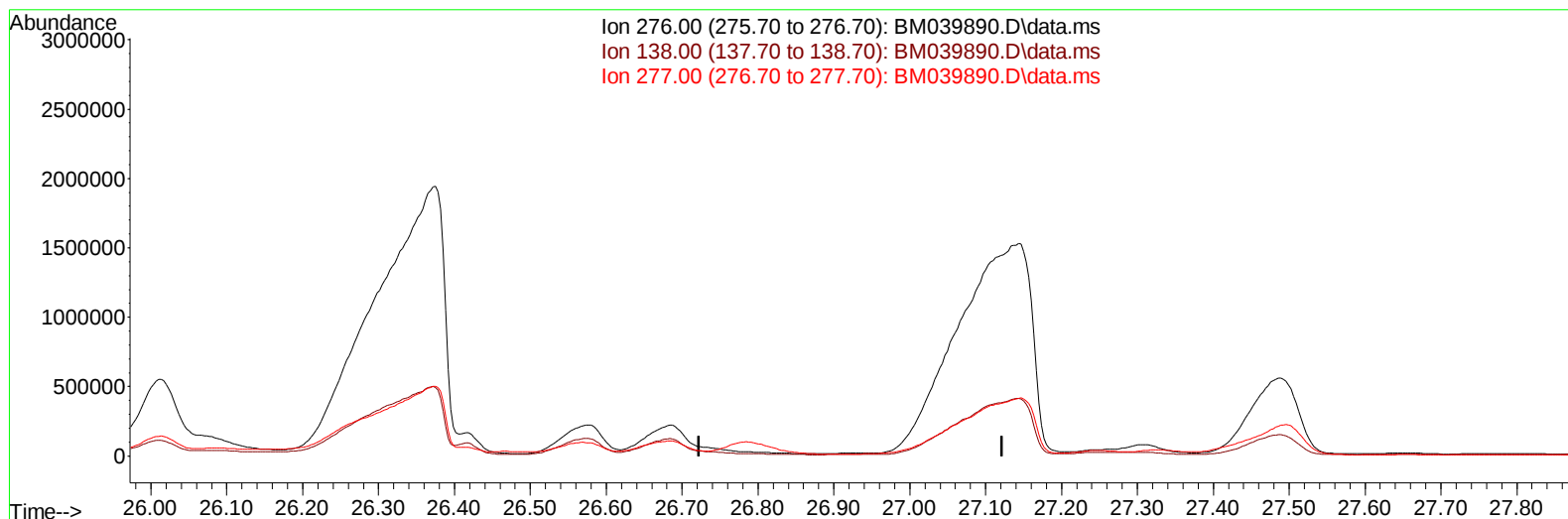
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

Quant Time: May 10 00:26:37 2023
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Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

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

26.922min (-26.922) 0.00 ng/u1

response 0

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

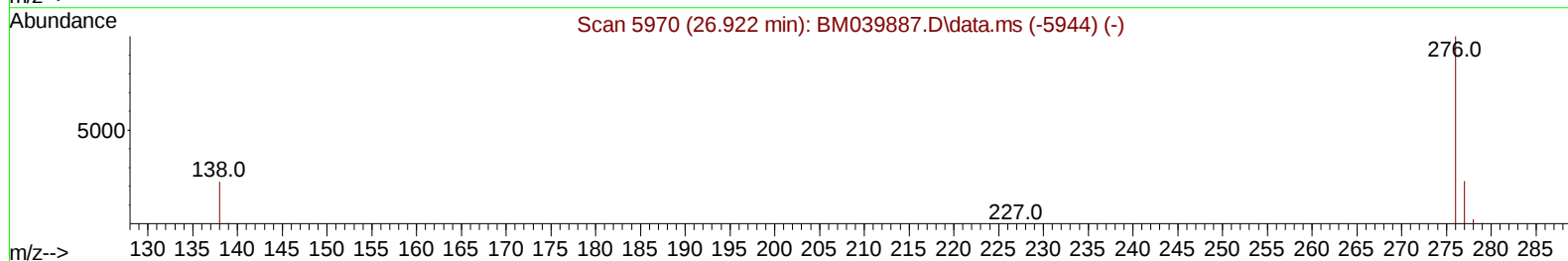
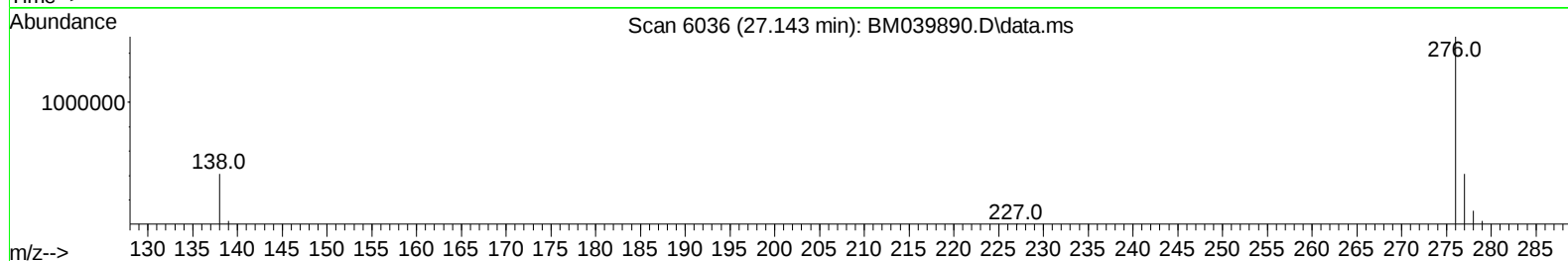
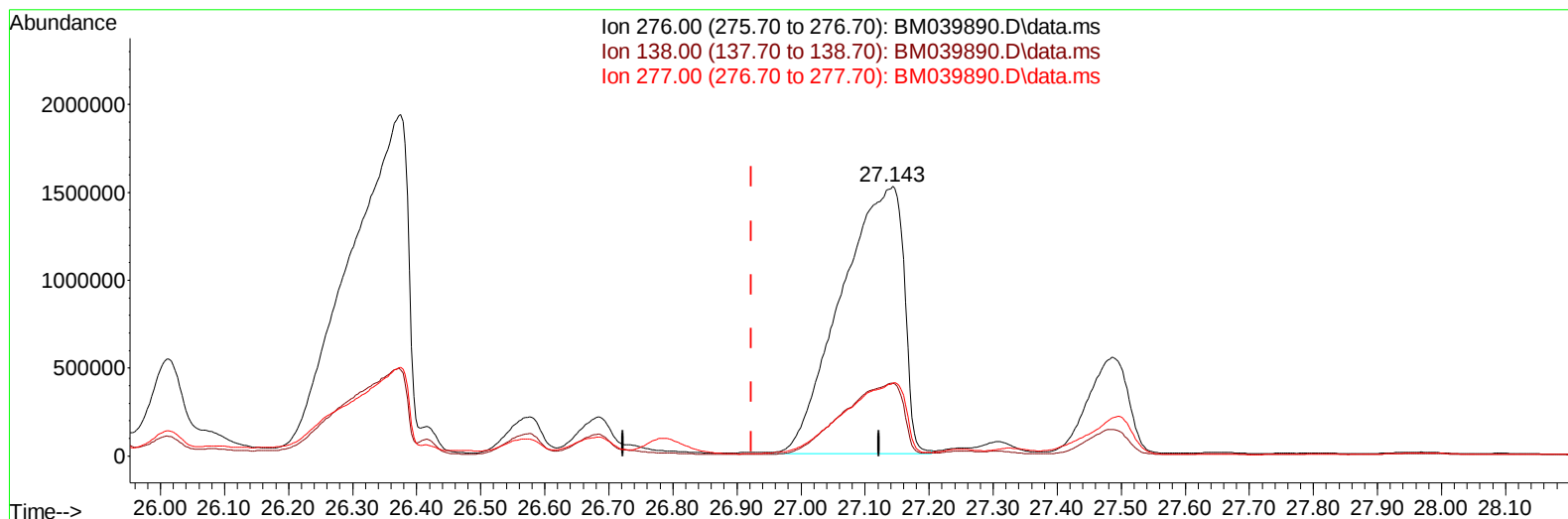
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Manual IntegrationsAPPROVED

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Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039890.D\data.ms

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

27.143min (+ 0.221) 125.59 ng/ul m

response 10341008

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	25.10	26.99
277.00	25.10	27.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

Quant Time: May 10 00:26:37 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 09 12:11:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2835	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.568	136	8879	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.428	164	8367m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	9572m	0.400	ng/ul	0.00
17) Chrysene-d12	21.367	240	17297	0.400	ng/ul	#-0.03
23) Perylene-d12	23.784	264	23700m	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	6260	1.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	1951	0.171	ng/ul	-0.03
18) Fluoranthene-d10	19.229	212	21685m	0.466	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.617	128	1162906	52.157	ng/ul	97
7) 2-Methylnaphthalene	12.239	142	510783	39.693	ng/ul	96
8) 1-Methylnaphthalene	12.459	142	437451	31.690	ng/ul	99
10) Acenaphthylene	14.150	152	2656345	82.024	ng/ul	99
11) Acenaphthene	14.492	153	1509252	59.332	ng/ul	97
12) Fluorene	15.487	166	2340713	82.938	ng/ul	95
14) Pentachlorophenol	16.875	266	840	0.403	ng/ul#	82
15) Phenanthrene	17.272	178	17847580	707.733	ng/ul	98
16) Anthracene	17.348	178	6468855	298.743	ng/ul	98
19) Fluoranthene	19.304	202	22638490m	366.860	ng/ul	
20) Pyrene	19.680	202	19201922	288.147	ng/ul#	94
21) Benzo(a)anthracene	21.426	228	13419755m	269.844	ng/ul	
22) Chrysene	21.487	228	10836683m	192.549	ng/ul	
24) Benzo(b)fluoranthene	23.135	252	19211027m	230.811	ng/ul	
25) Benzo(k)fluoranthene	23.173	252	4854673m	57.283	ng/ul	
26) Benzo(a)pyrene	23.761	252	13363746m	178.830	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.375	276	12512438m	132.418	ng/ul	
28) Dibenzo(a,h)anthracene	26.328	278	3316922m	45.226	ng/ul	
29) Benzo(g,h,i)perylene	27.143	276	10341008m	125.594	ng/ul	

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

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