

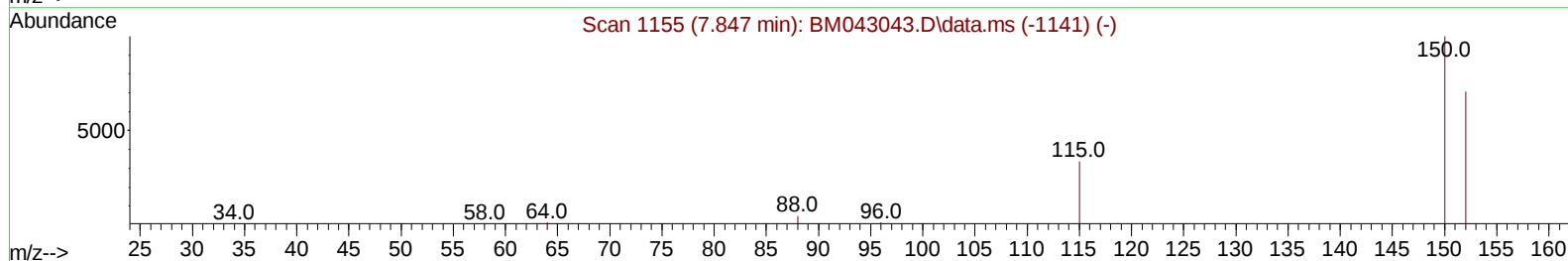
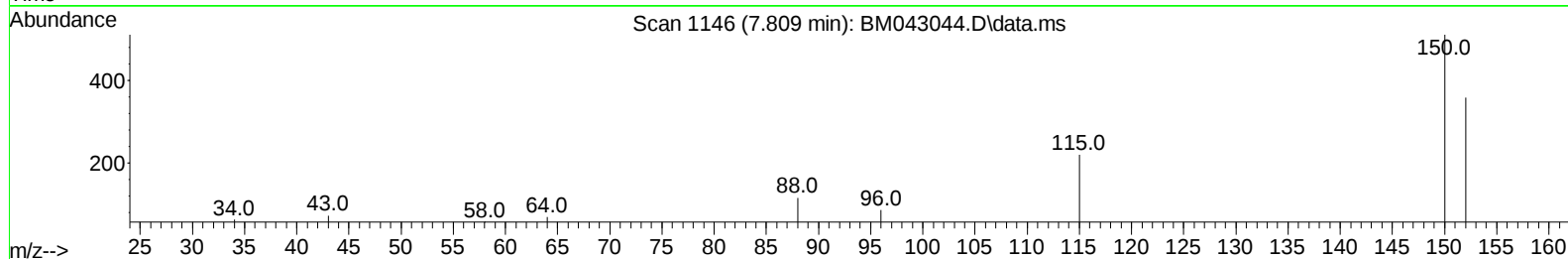
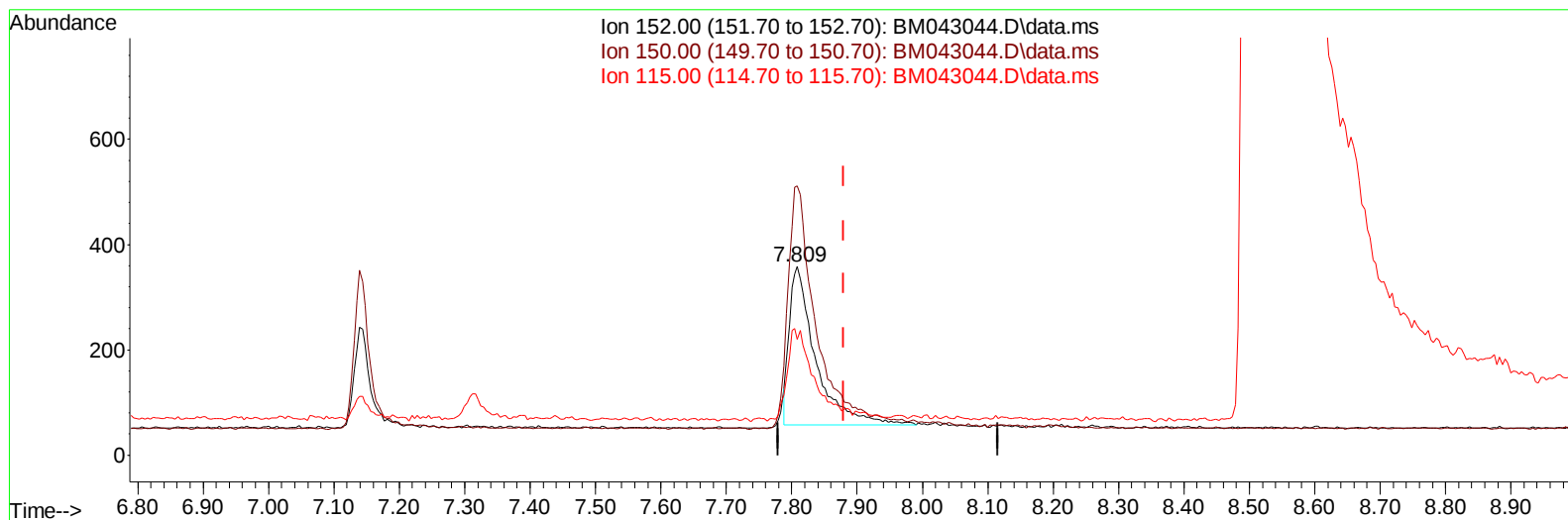
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration



TIC: BM043044.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/u1

response 849

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	142.34
115.00	89.60	61.28#
0.00	0.00	0.00

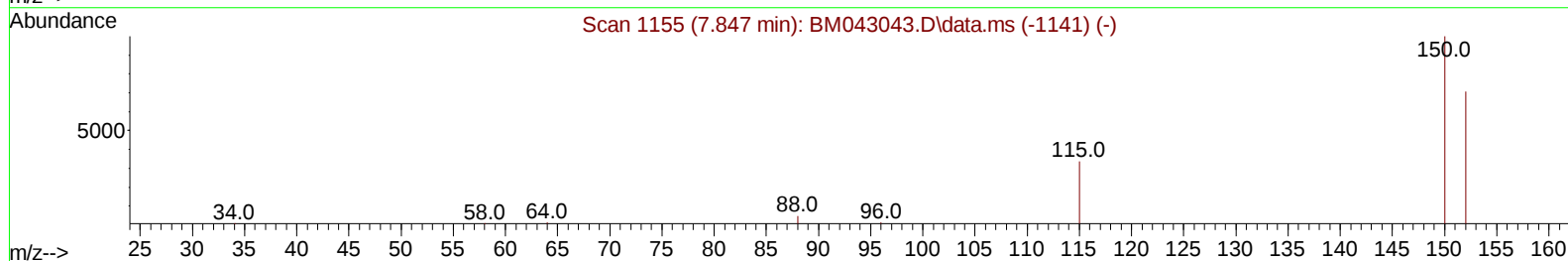
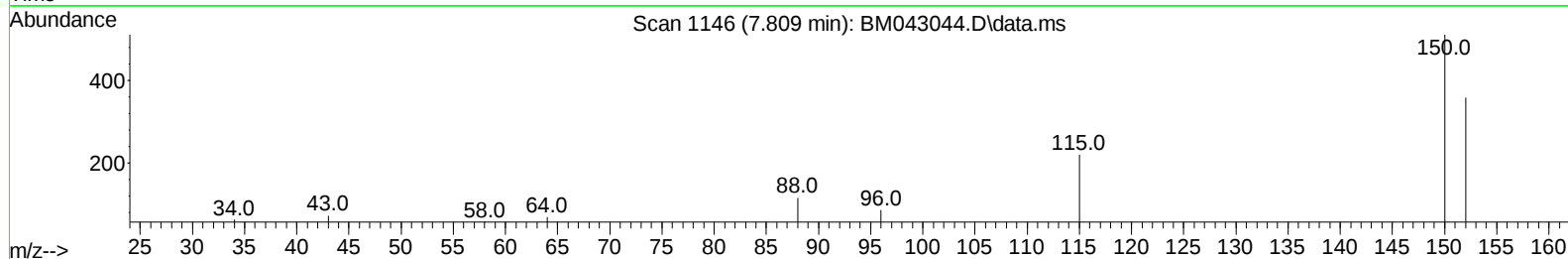
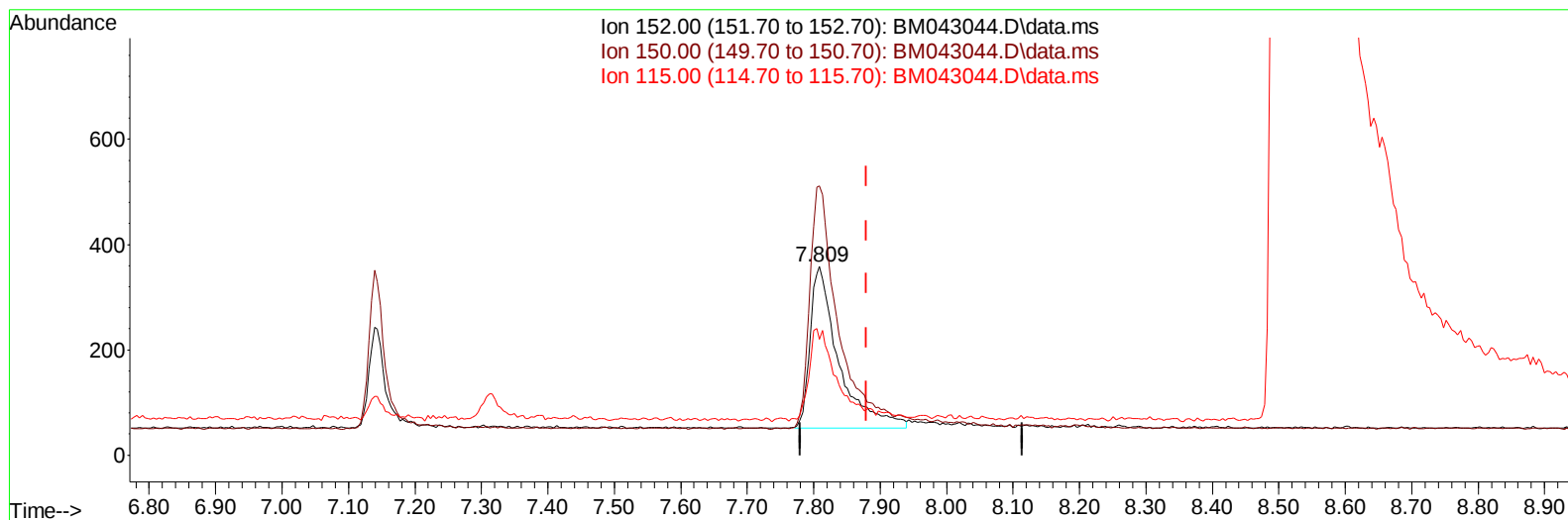
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043044.D
 Acq On : 27 Nov 2023 10:22
 Operator : MA/JU
 Sample : PB157174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul m

response 919

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	142.34
115.00	89.60	61.28#
0.00	0.00	0.00

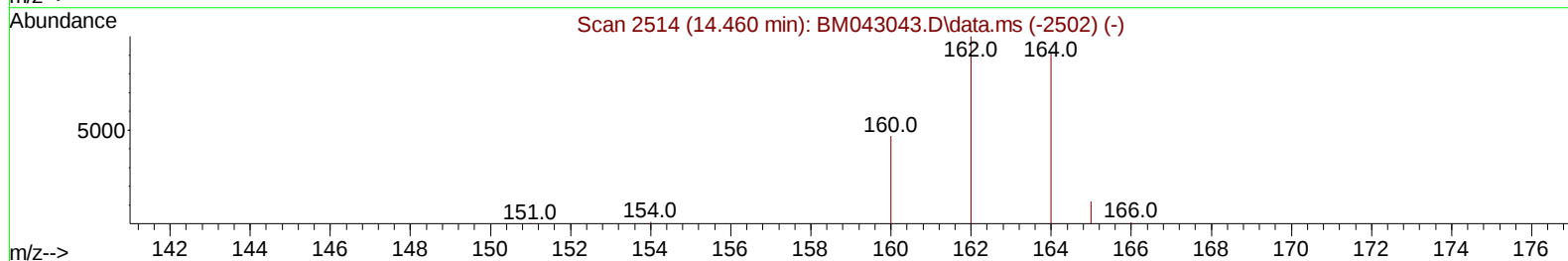
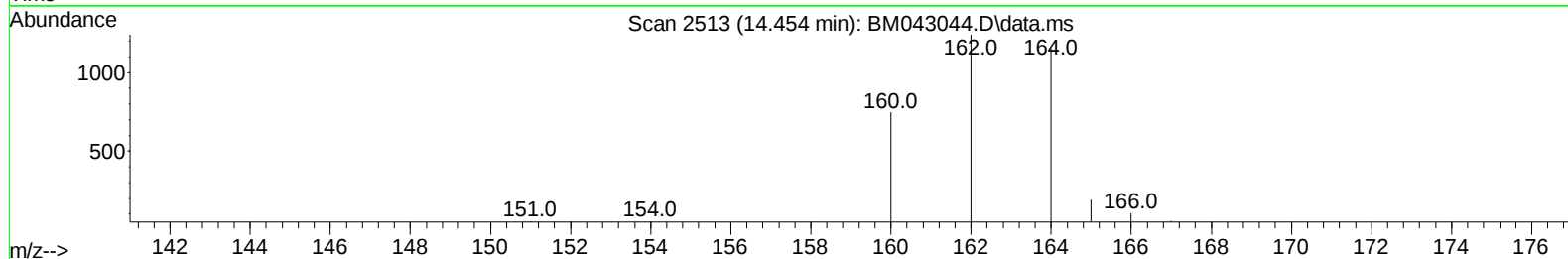
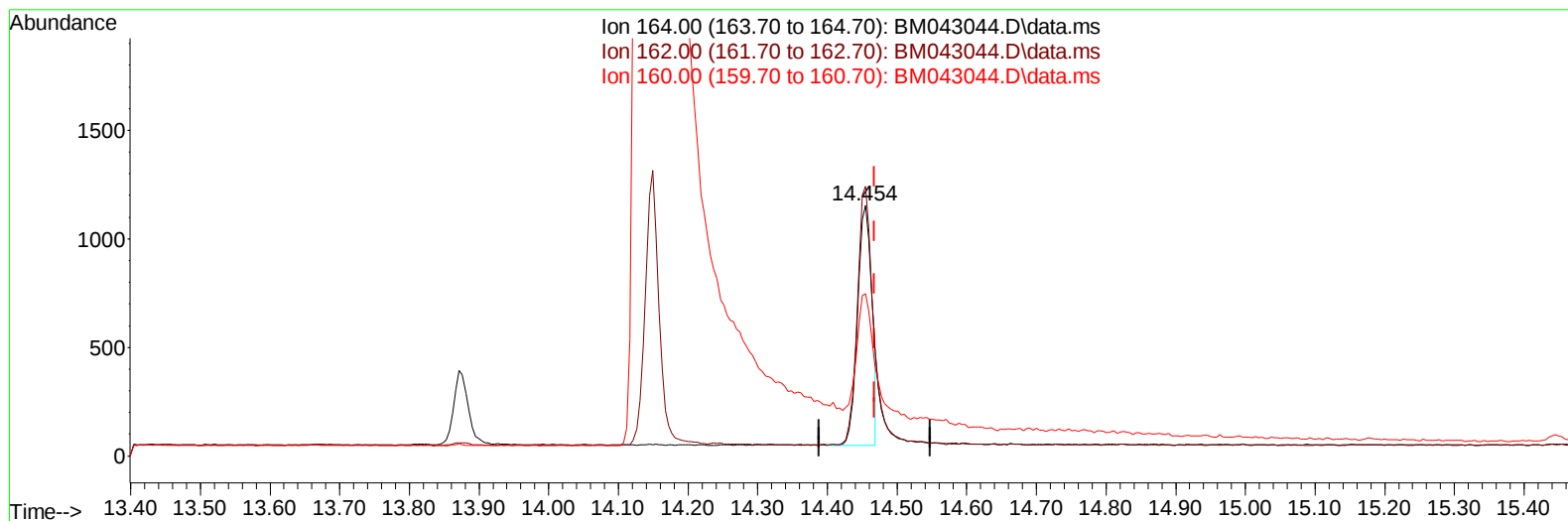
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/u1

response 1592

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.35
160.00	57.20	64.62
0.00	0.00	0.00

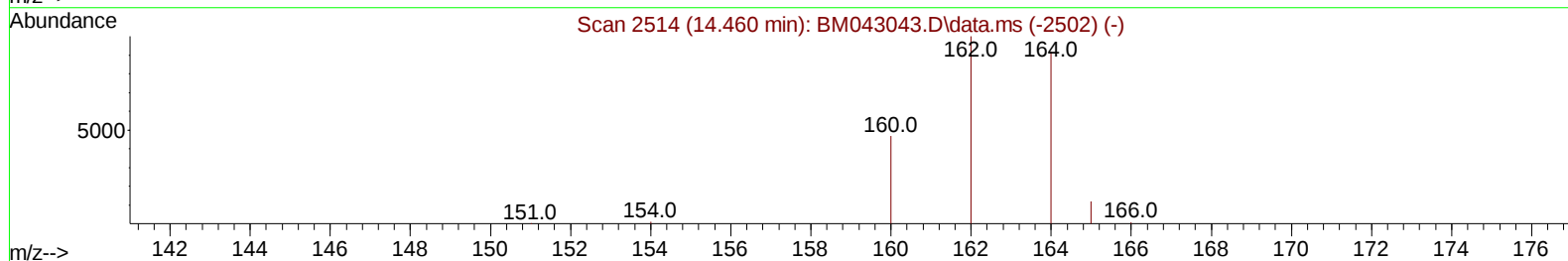
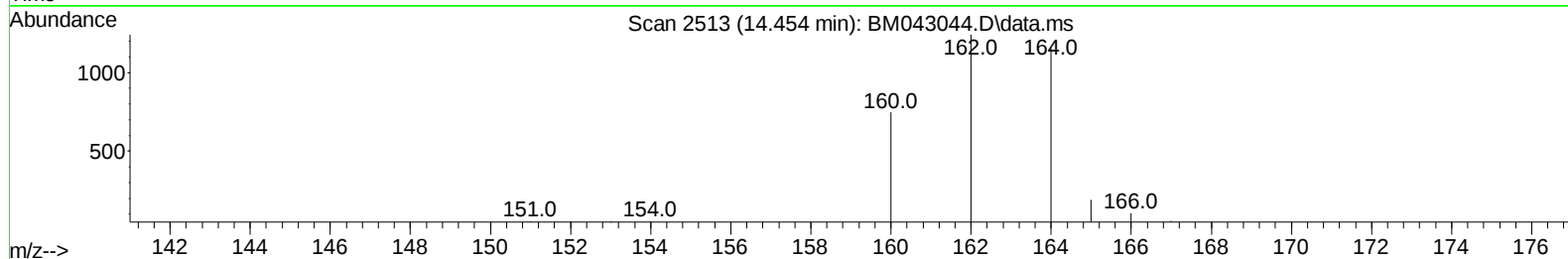
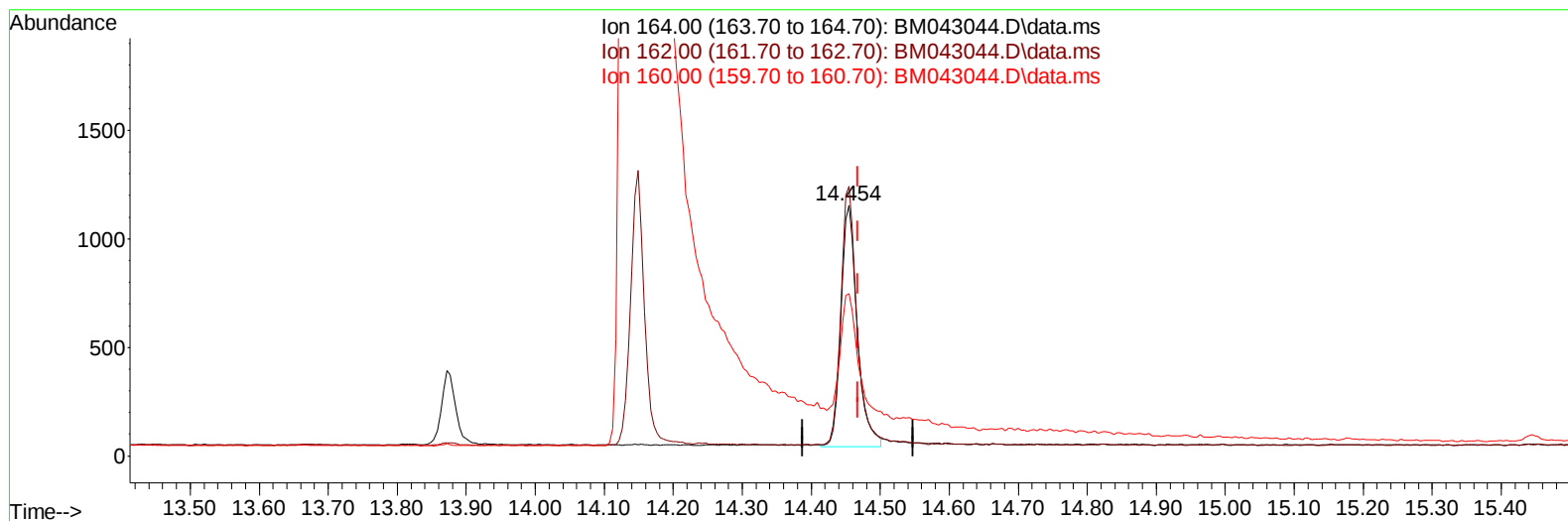
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/u1 m

response 1828

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.35
160.00	57.20	64.62
0.00	0.00	0.00

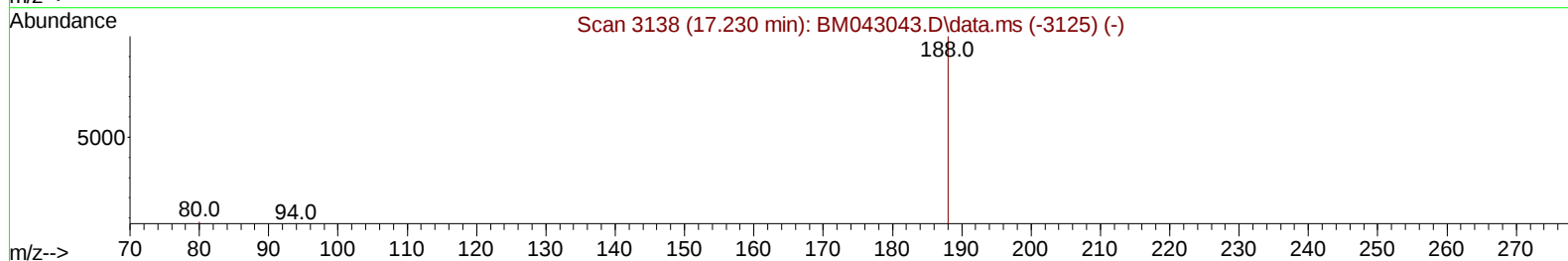
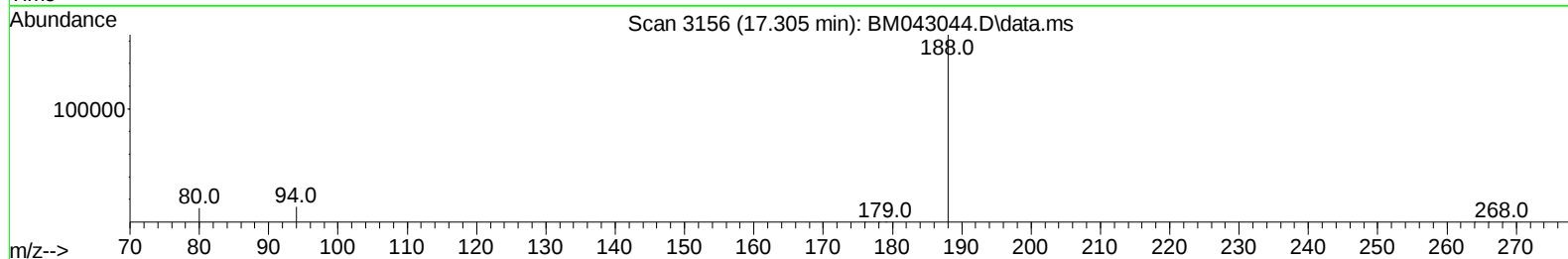
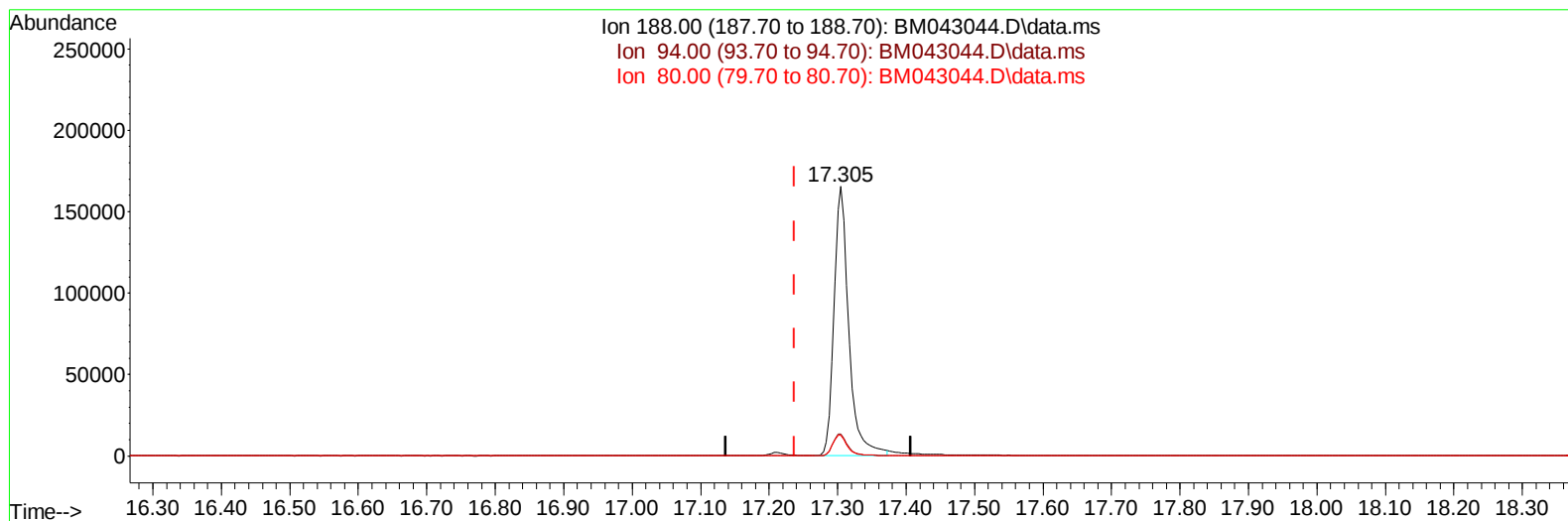
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043044.D
 Acq On : 27 Nov 2023 10:22
 Operator : MA/JU
 Sample : PB157174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(13) Phenanthrene-d10 (I)

17.305min (+ 0.068) 0.40 ng/u1

response 247519

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.16#
80.00	12.70	7.60#
0.00	0.00	0.00

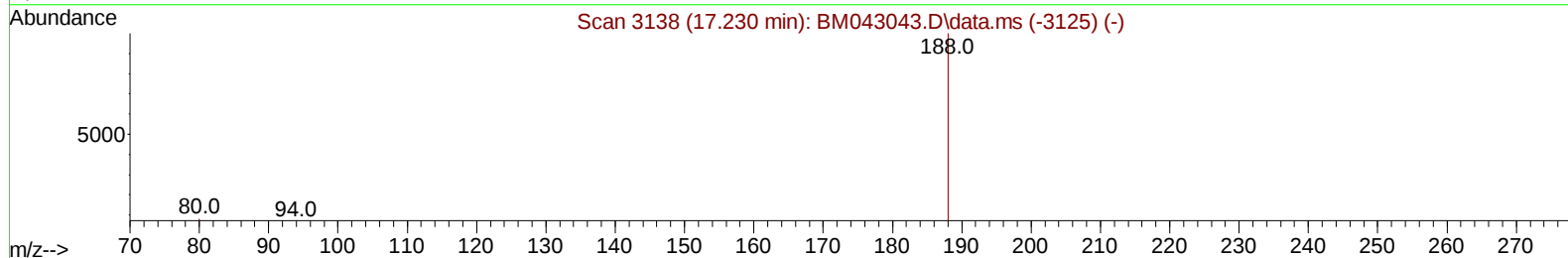
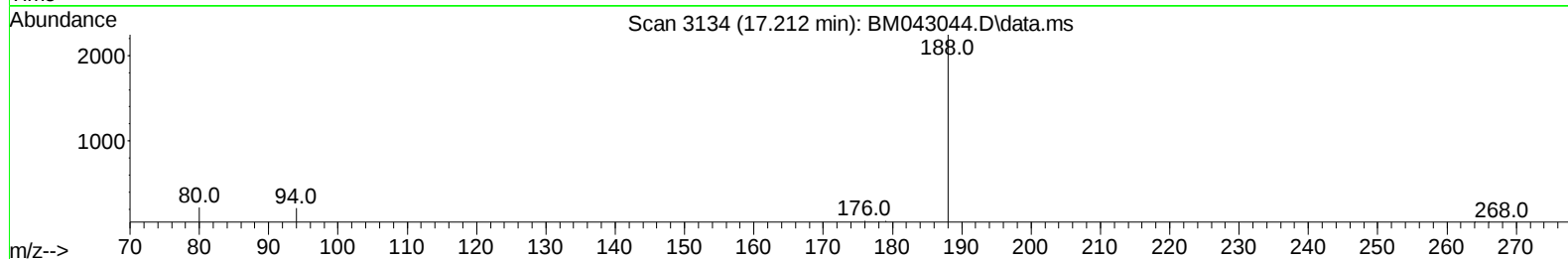
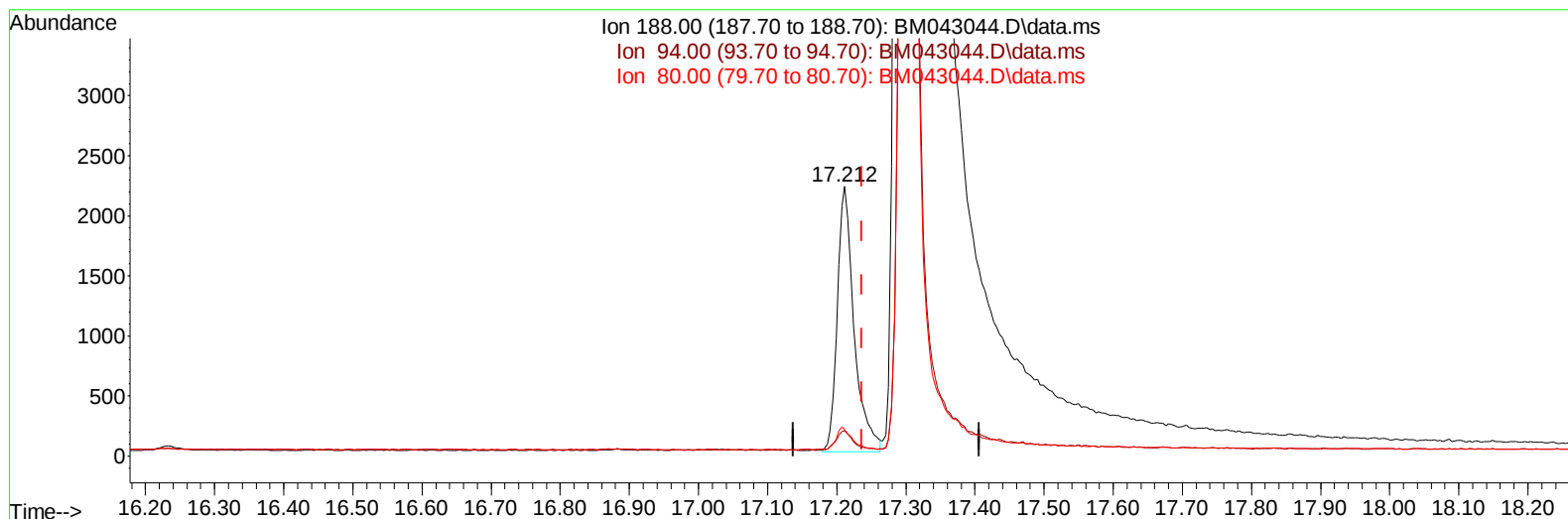
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(13) Phenanthrene-d10 (I)

17.212min (-0.025) 0.40 ng/u1 m

response 3716

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.36
80.00	12.70	9.89#
0.00	0.00	0.00

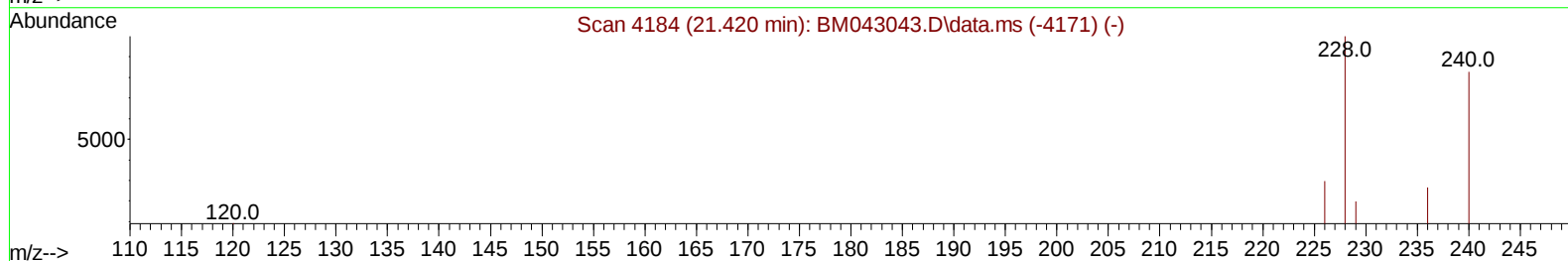
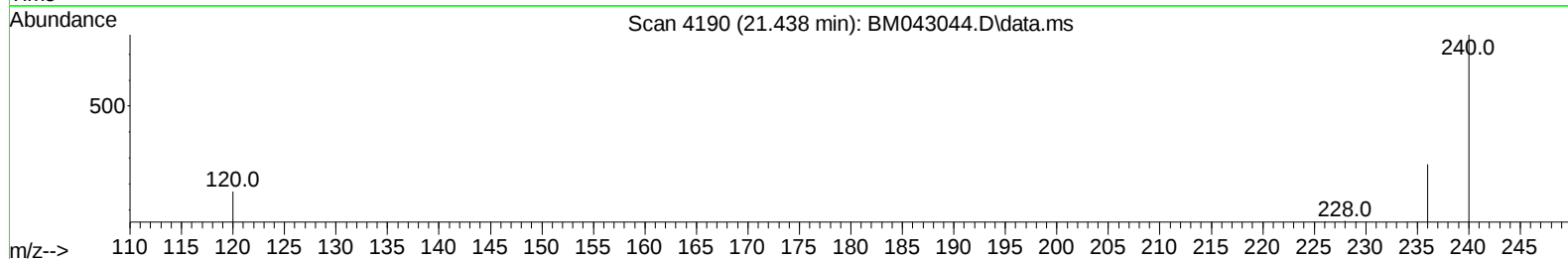
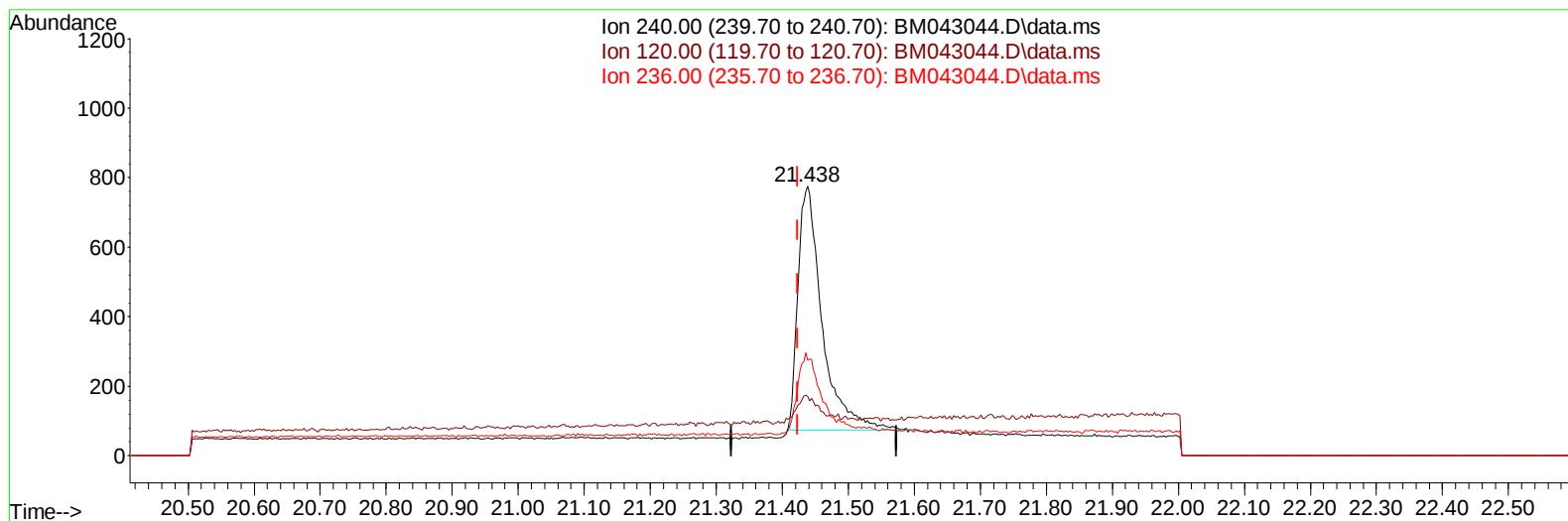
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(17) Chrysene-d12

21.438min (+ 0.015) 0.40 ng/u1

response 1774

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.06
236.00	38.50	35.48
0.00	0.00	0.00

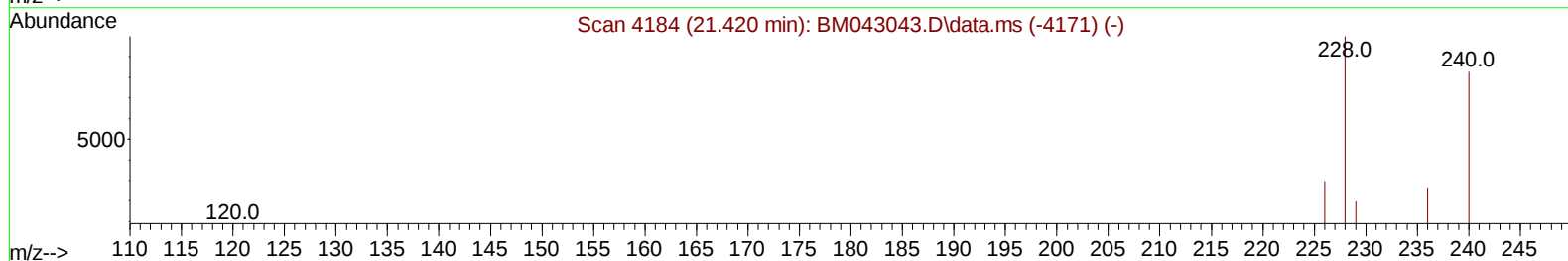
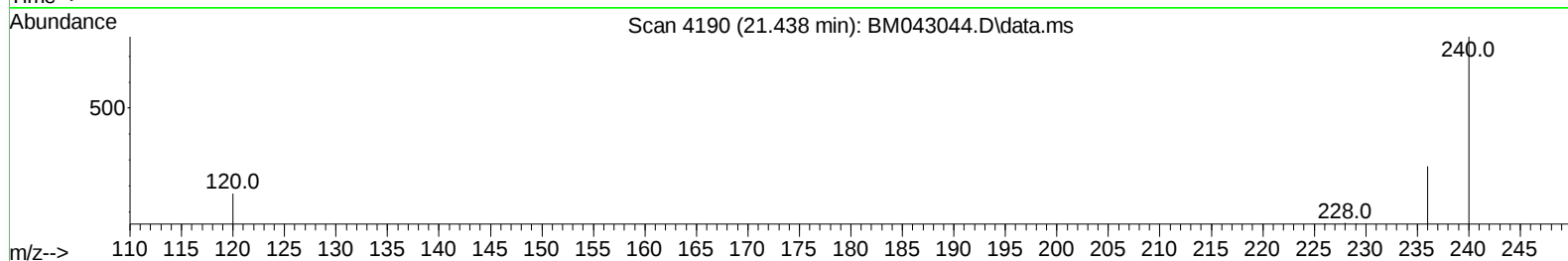
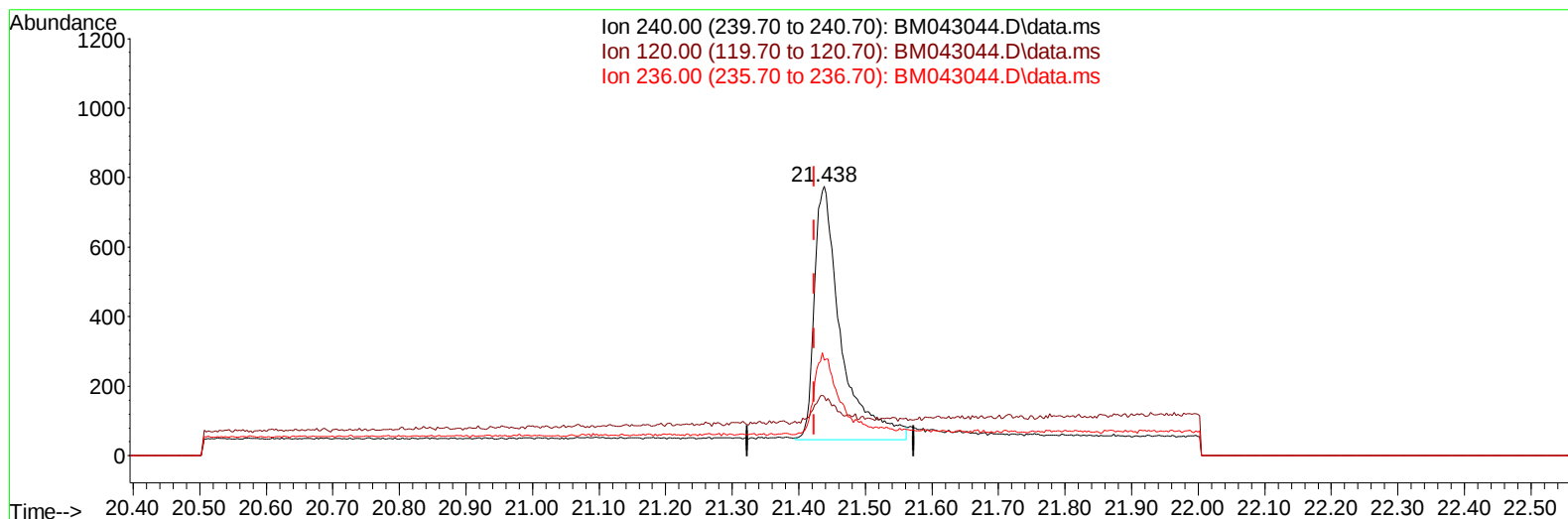
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(17) Chrysene-d12

21.438min (+ 0.015) 0.40 ng/ul m

response 2040

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.06
236.00	38.50	35.48
0.00	0.00	0.00

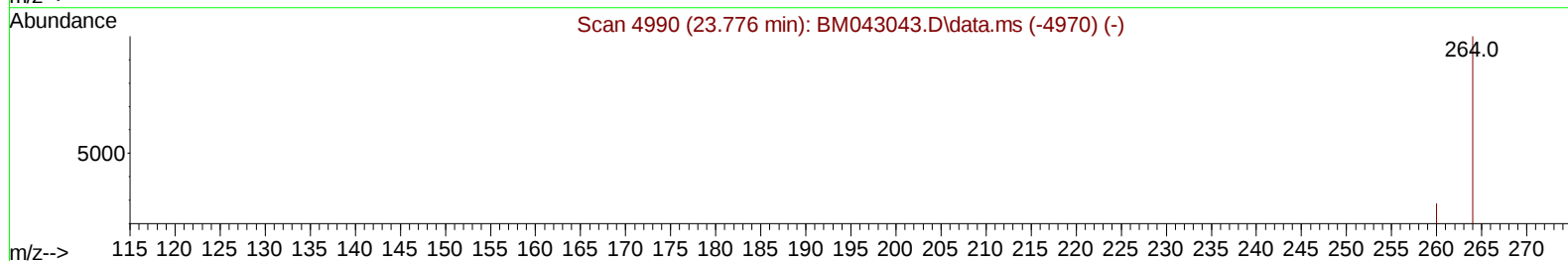
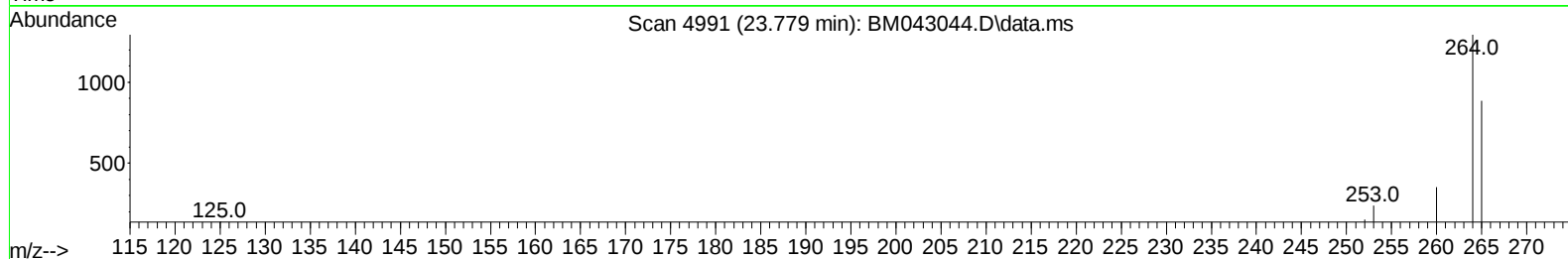
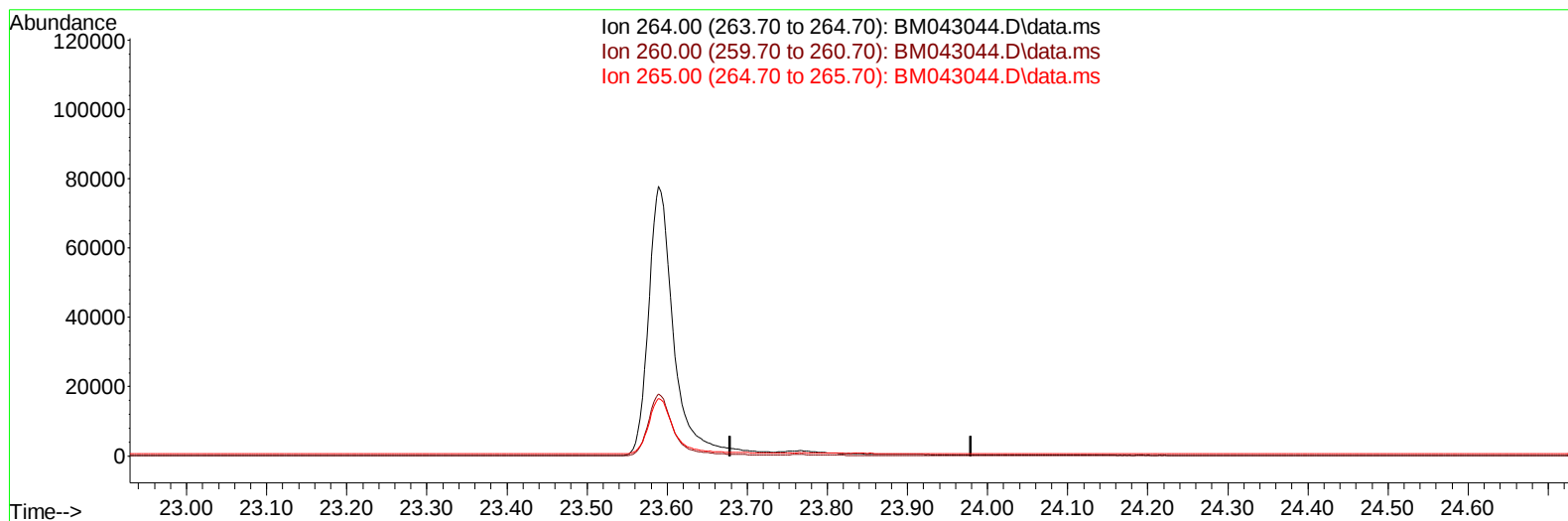
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043044.D
 Acq On : 27 Nov 2023 10:22
 Operator : MA/JU
 Sample : PB157174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(23) Perylene-d12 (I)

23.779min (-23.779) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	33.90	0.00#
265.00	120.30	0.00#
0.00	0.00	0.00

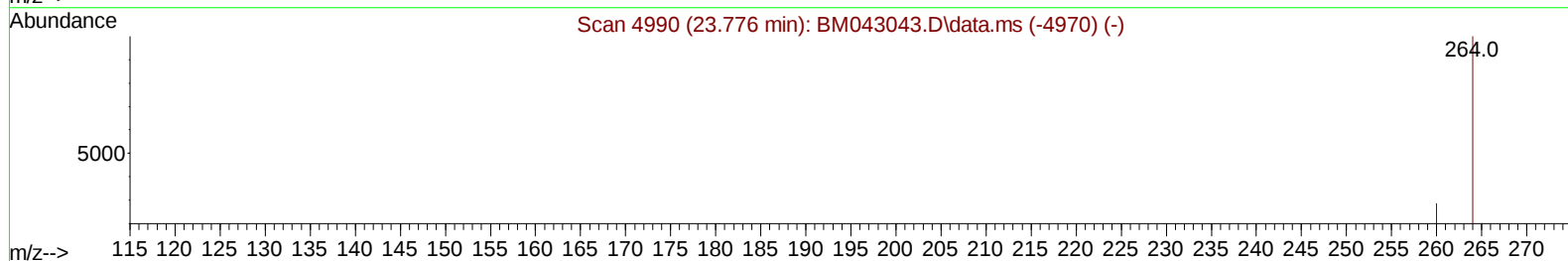
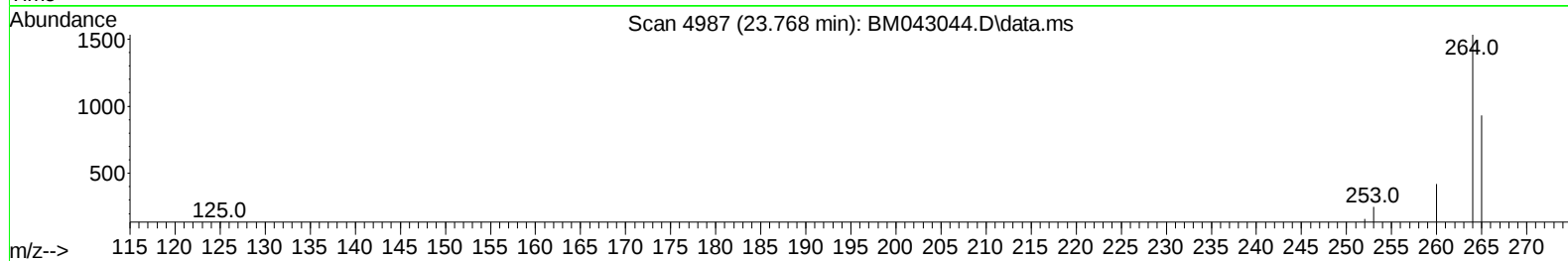
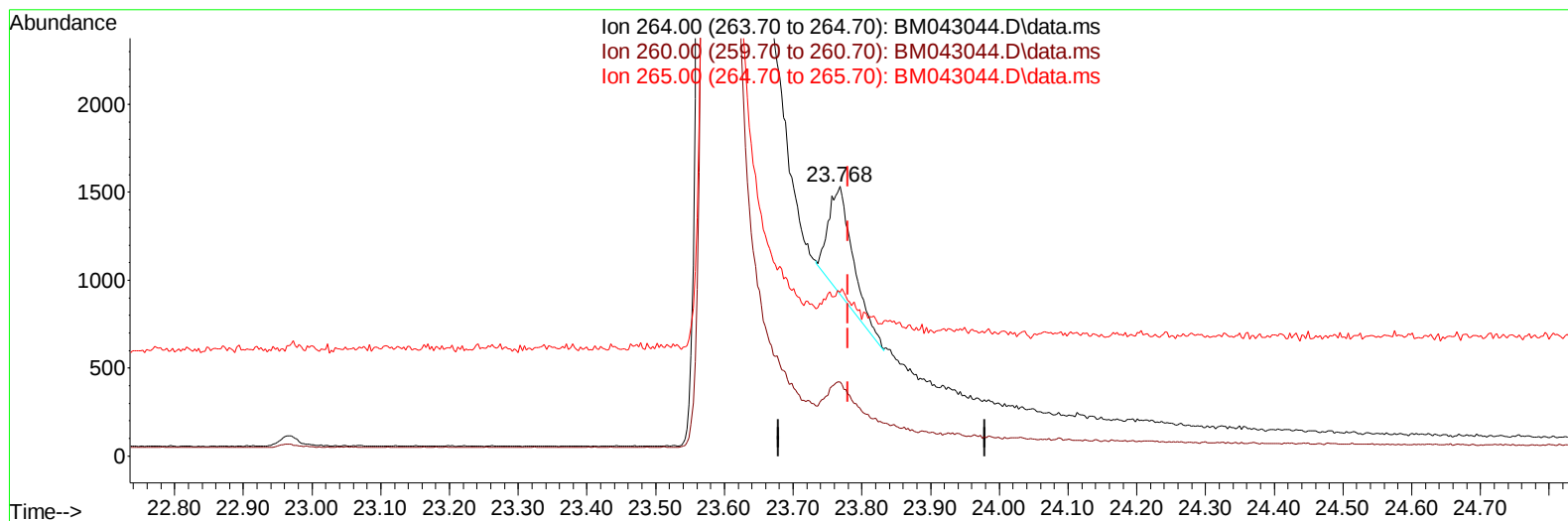
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043044.D
 Acq On : 27 Nov 2023 10:22
 Operator : MA/JU
 Sample : PB157174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043044.D\data.ms

(23) Perylene-d12 (I)

23.768min (-0.012) 0.40 ng/ul m

response 1421

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.46
265.00	120.30	60.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043044.D
 Acq On : 27 Nov 2023 10:22
 Operator : MA/JU
 Sample : PB157174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK174

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 27 23:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	919m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	2824	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1828m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3716m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.438	240	2040m	0.400	ng/ul	0.01
23) Perylene-d12	23.768	264	1421m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	5214	3.698	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.249	152	864	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	2054	0.276	ng/ul	-0.01

Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043044.D
Acq On : 27 Nov 2023 10:22
Operator : MA/JU
Sample : PB157174BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK174

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

