

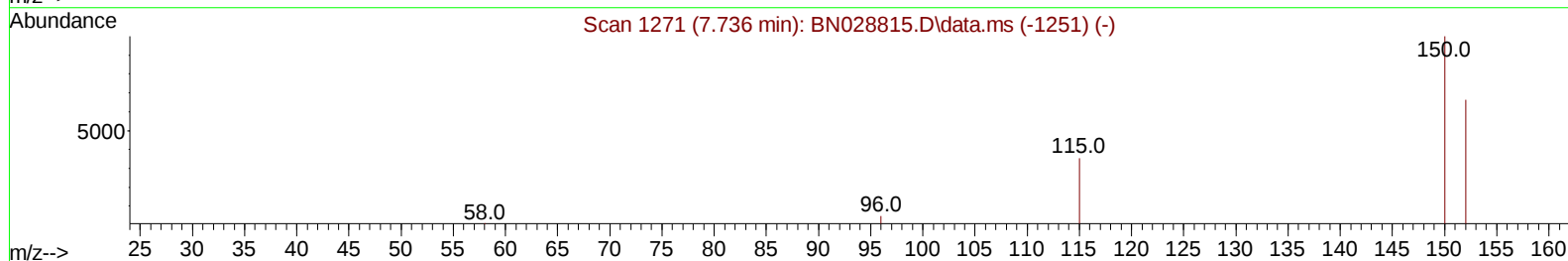
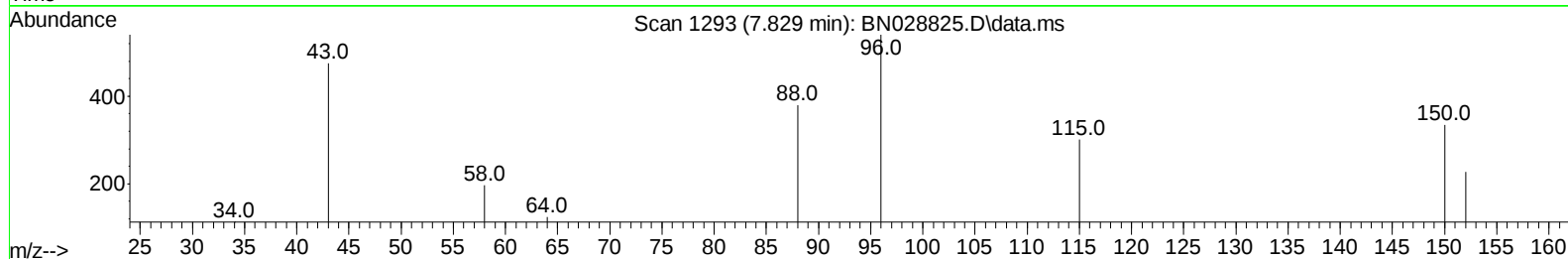
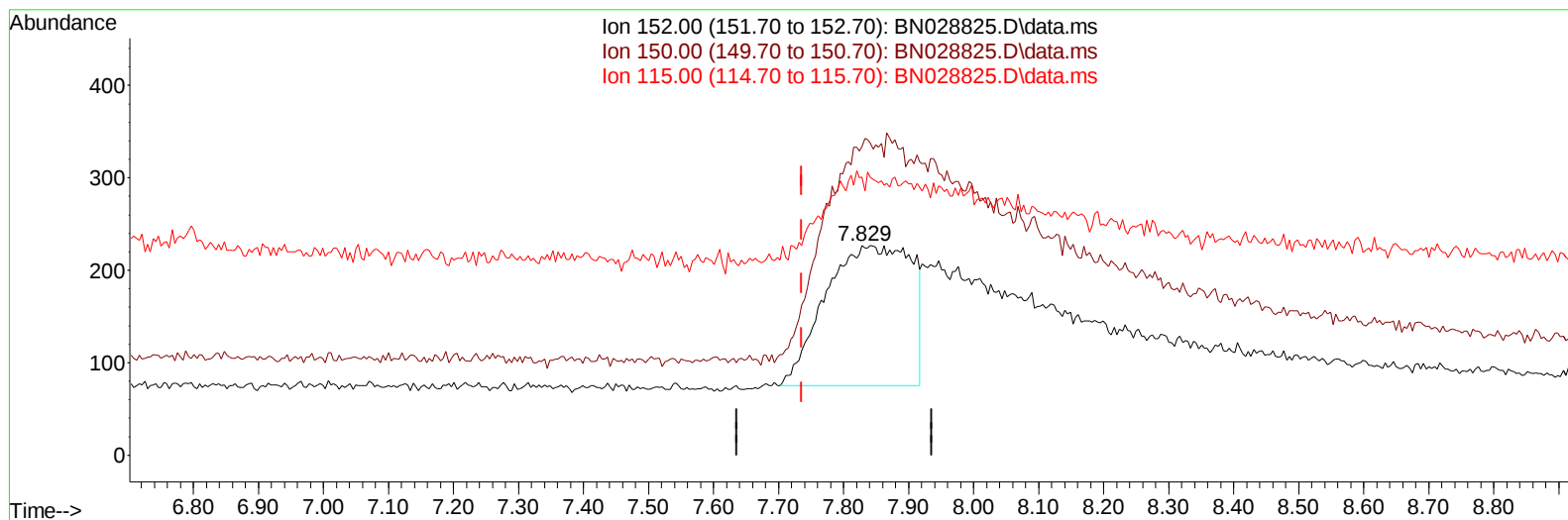
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028825.D
Acq On : 21 Nov 2023 23:52
Operator : MA/JU
Sample : PB156981BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Nov 22 00:22:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration



TIC: BN028825.D\data.ms

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

7.829min (+ 0.093) 0.40 ng/u1

response 1399

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.14
115.00	62.20	132.60#
0.00	0.00	0.00

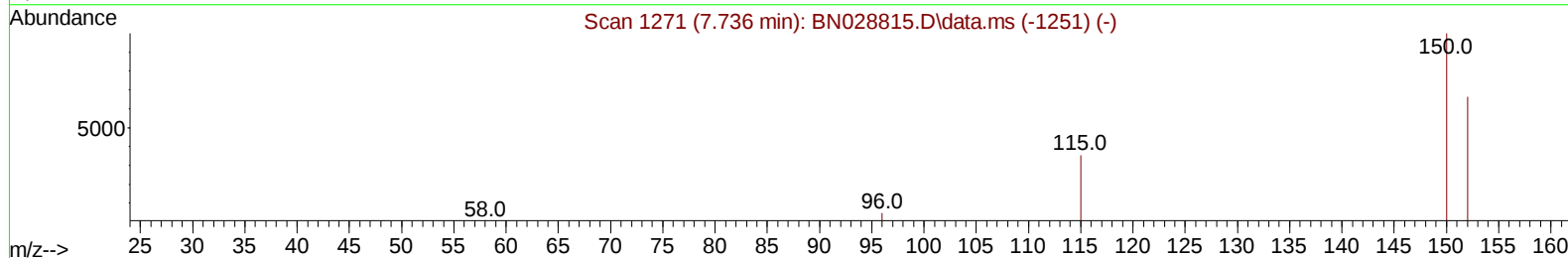
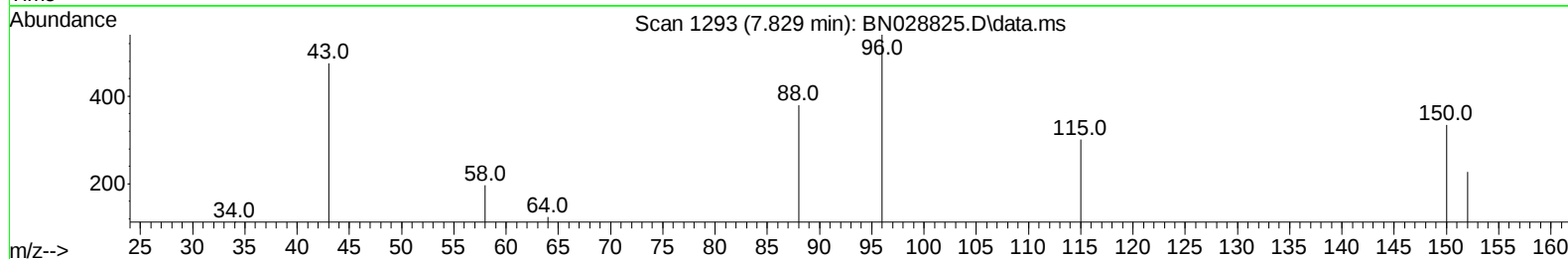
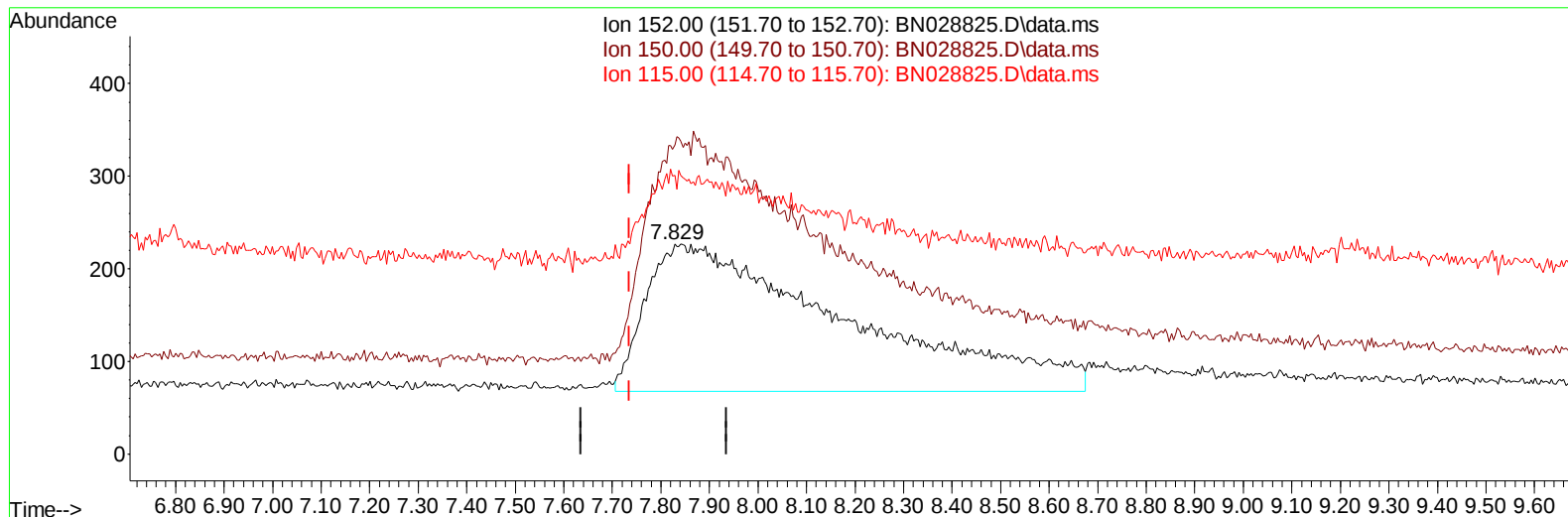
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028825.D
Acq On : 21 Nov 2023 23:52
Operator : MA/JU
Sample : PB156981BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BN028825.D\data.ms

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

7.829min (+ 0.093) 0.40 ng/ul m

response 4538

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.14
115.00	62.20	132.60#
0.00	0.00	0.00

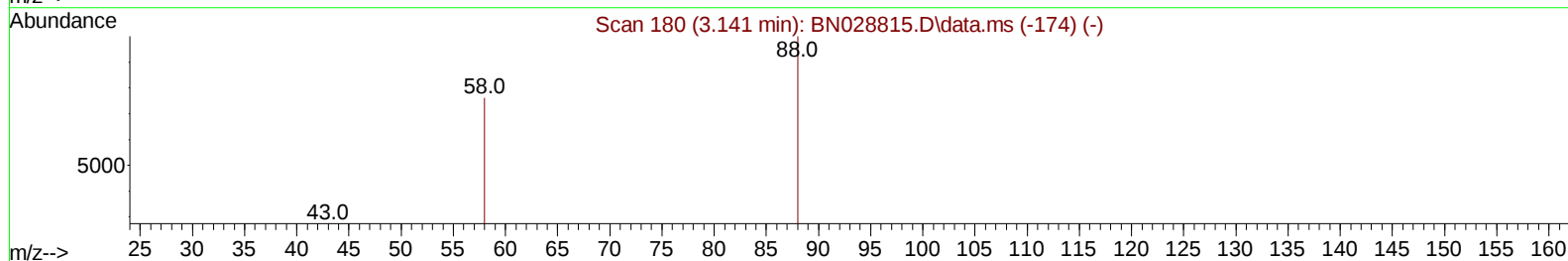
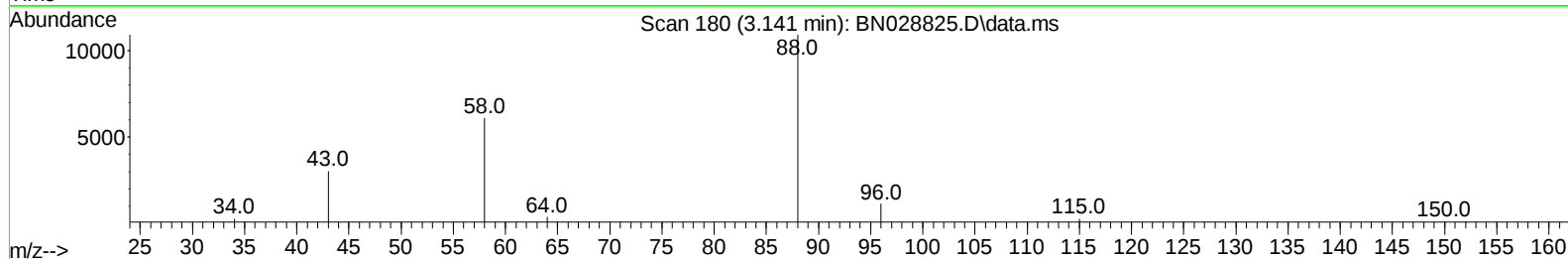
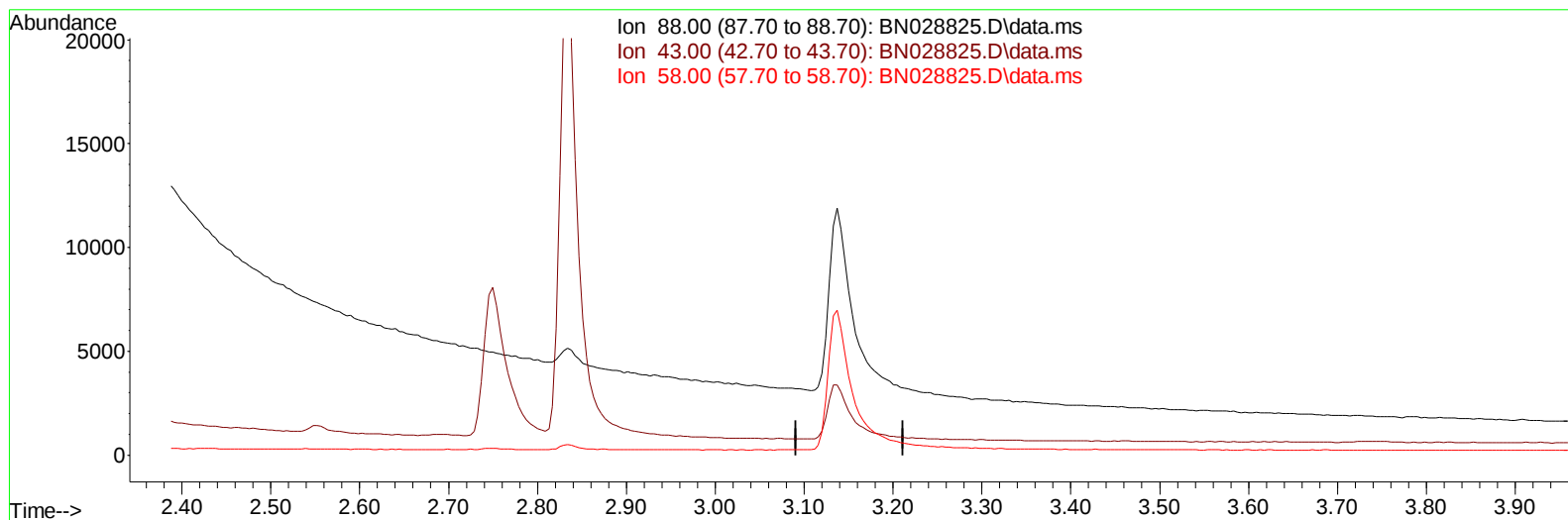
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028825.D
Acq On : 21 Nov 2023 23:52
Operator : MA/JU
Sample : PB156981BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BN028825.D\data.ms

(2) 1,4-Dioxane

3.141min (-3.141) 0.00 ng/u1

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

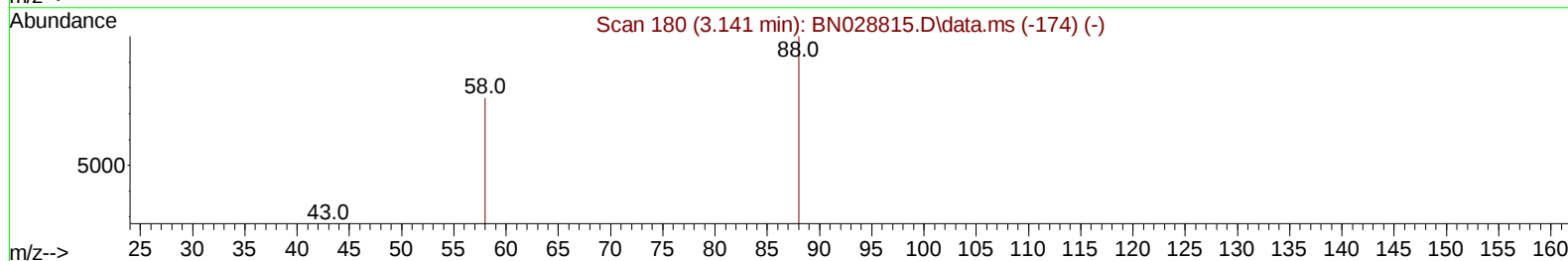
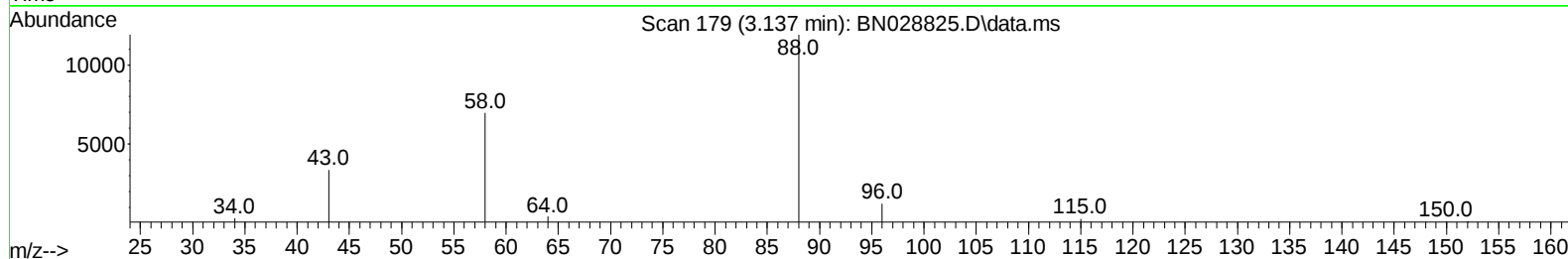
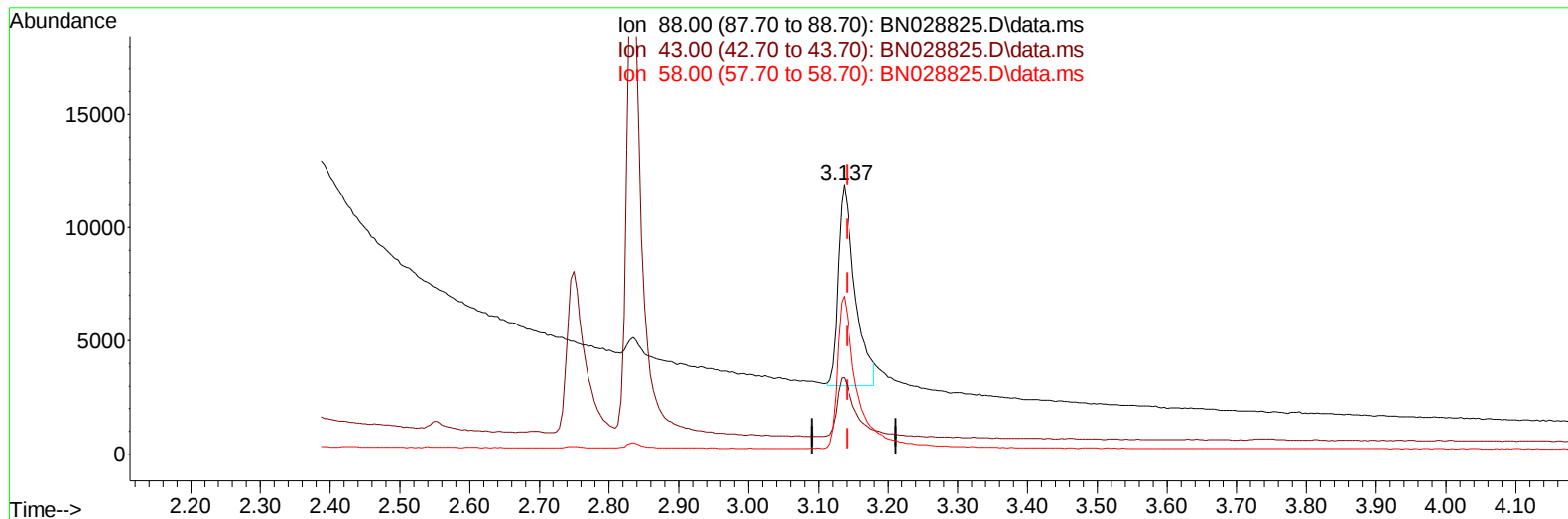
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028825.D
 Acq On : 21 Nov 2023 23:52
 Operator : MA/JU
 Sample : PB156981BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BN028825.D\data.ms

(2) 1,4-Dioxane

3.137min (-0.004) 2.71 ng/ul m

response 15036

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.48#
58.00	52.30	58.69
0.00	0.00	0.00

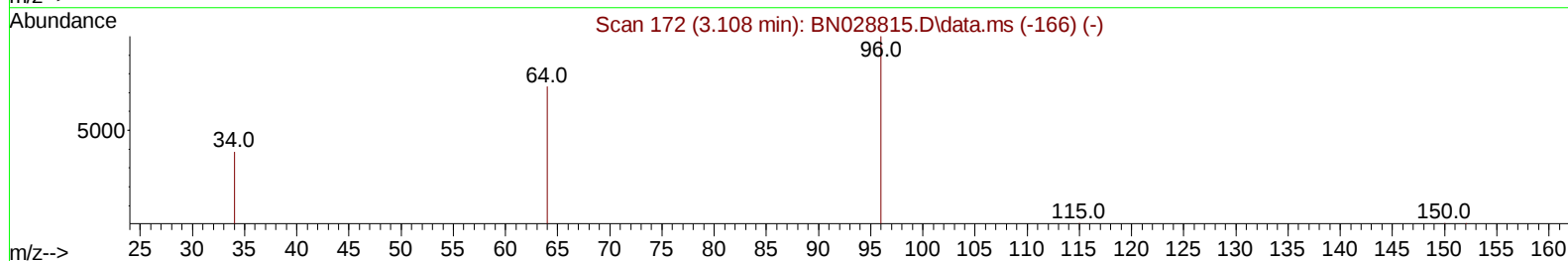
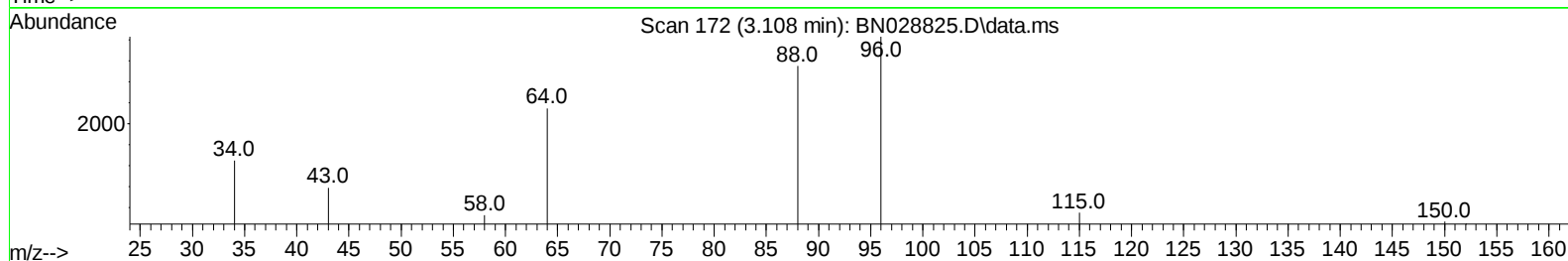
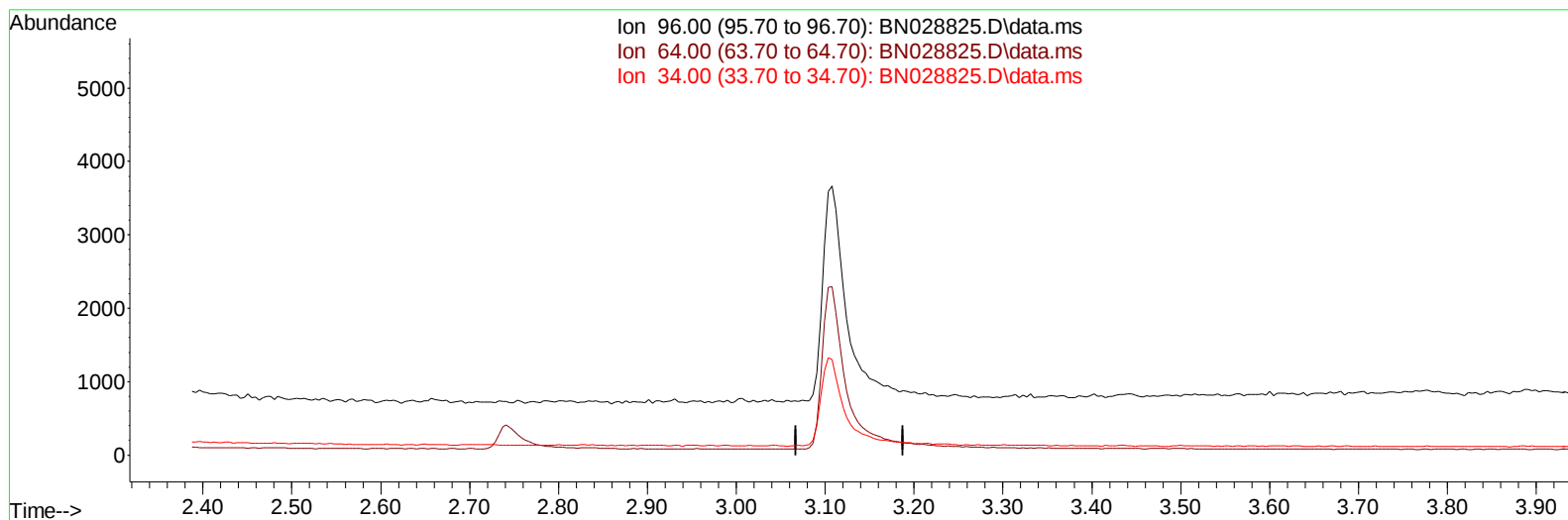
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028825.D
 Acq On : 21 Nov 2023 23:52
 Operator : MA/JU
 Sample : PB156981BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:22:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BN028825.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.108min (-3.108) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

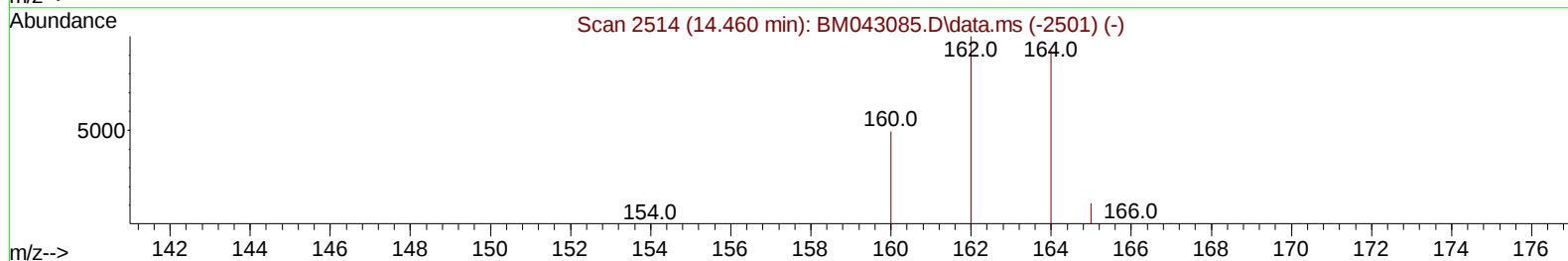
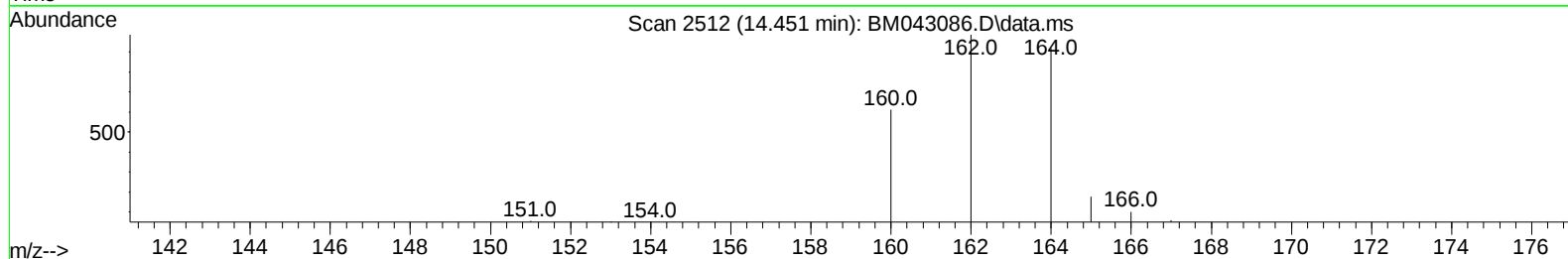
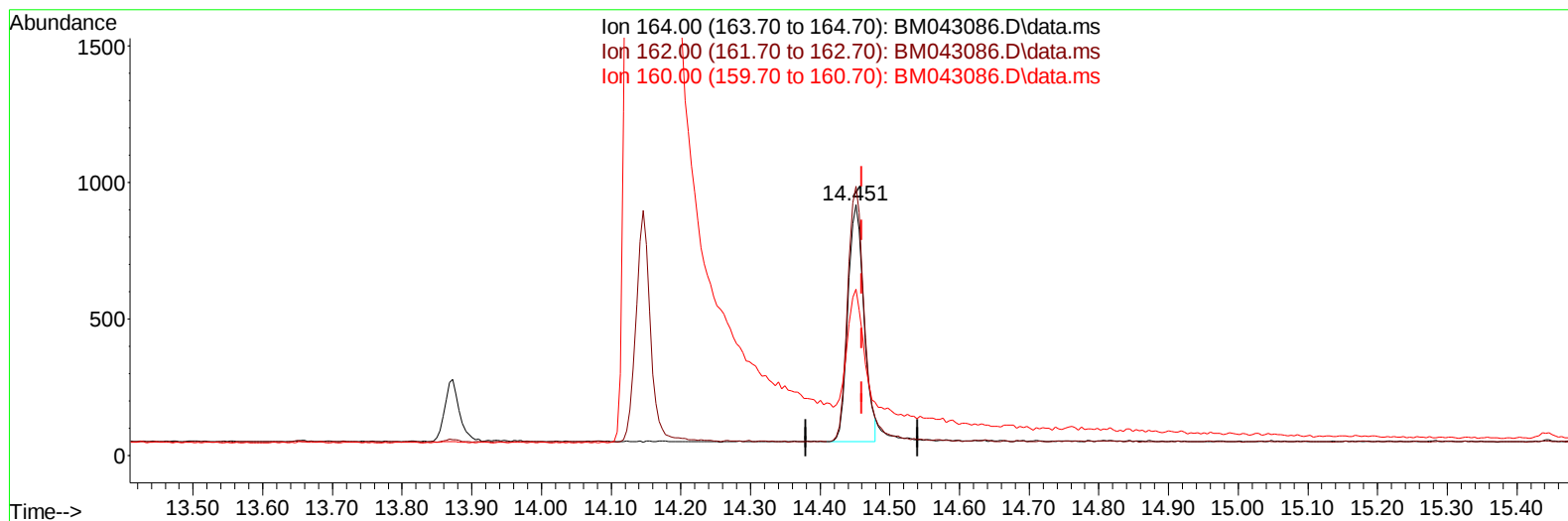
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043086.D
Acq On : 30 Nov 2023 15:50
Operator : MA/JU
Sample : PB157421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/u1

response 1368

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.29
160.00	57.20	66.49
0.00	0.00	0.00

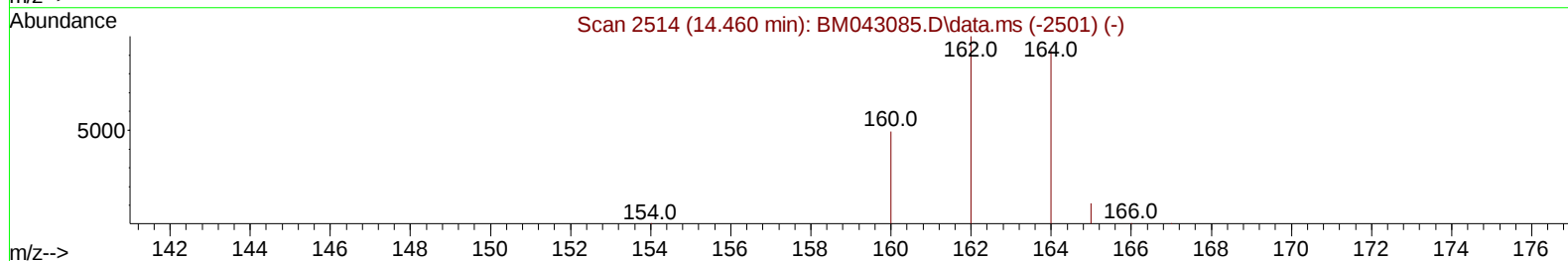
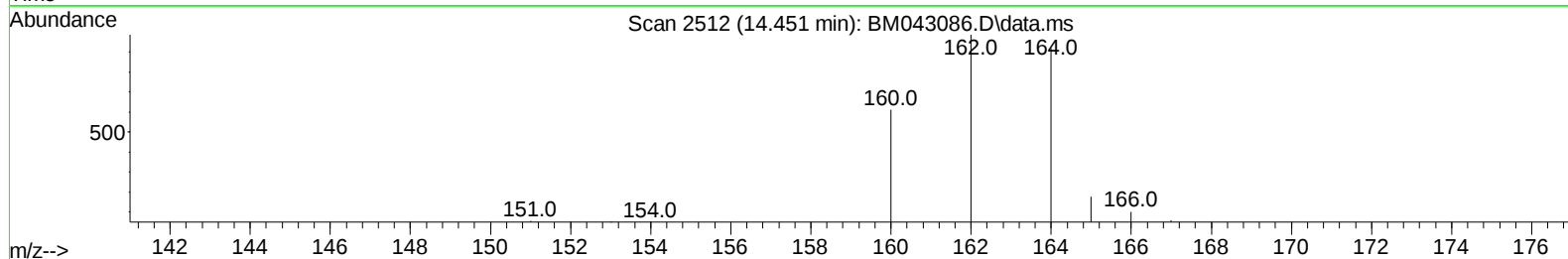
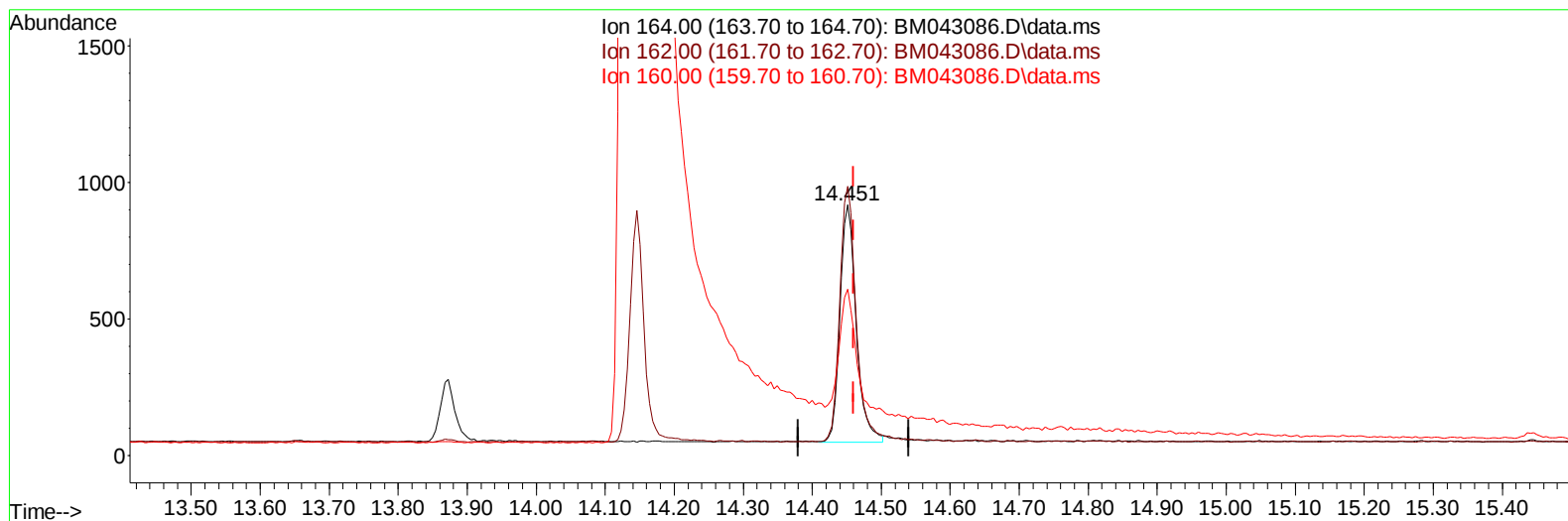
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043086.D
 Acq On : 30 Nov 2023 15:50
 Operator : MA/JU
 Sample : PB157421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul m

response 1423

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.29
160.00	57.20	66.49
0.00	0.00	0.00

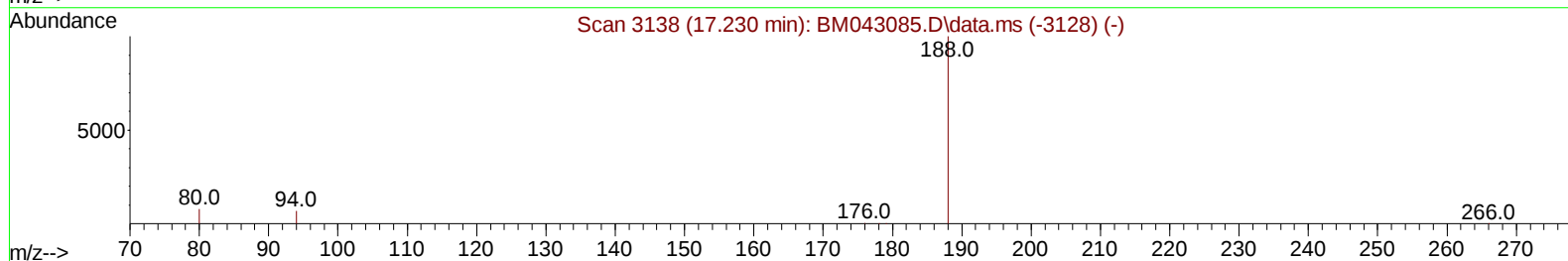
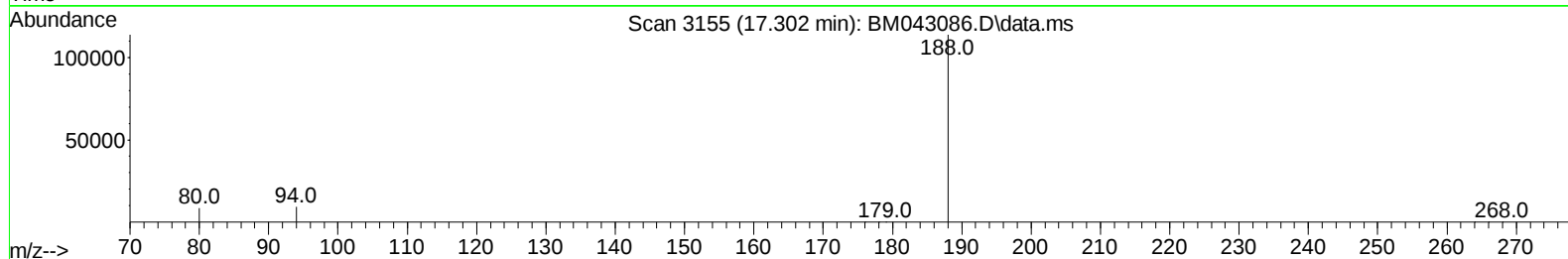
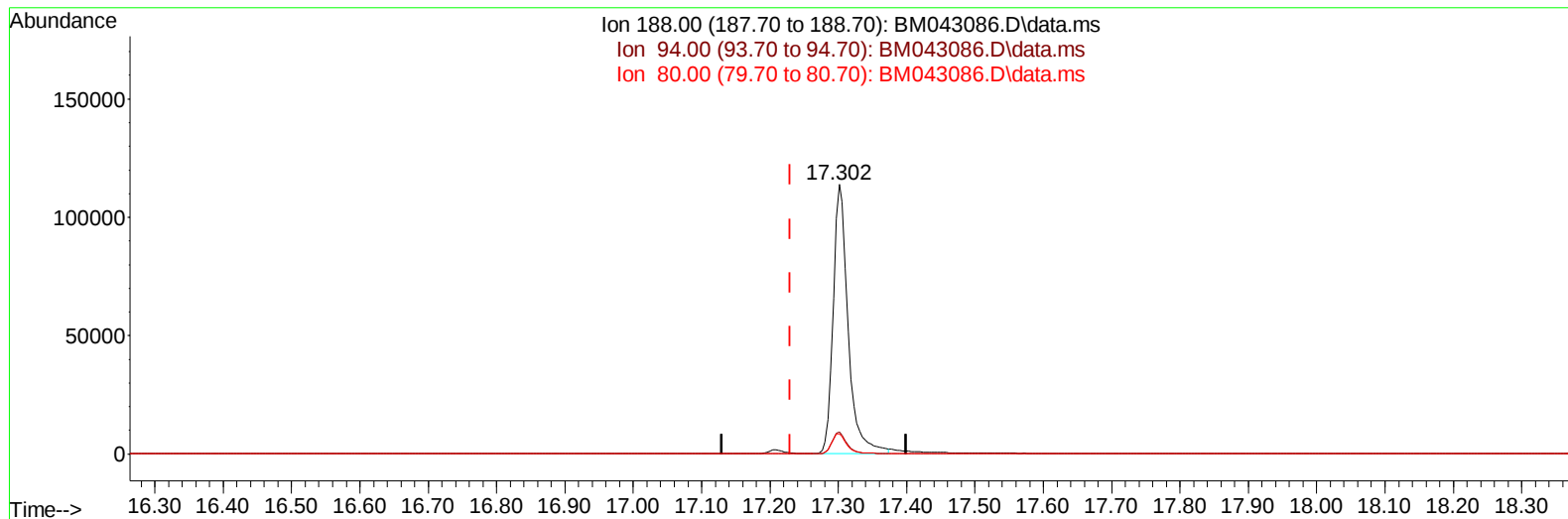
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043086.D
Acq On : 30 Nov 2023 15:50
Operator : MA/JU
Sample : PB157421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(13) Phenanthrene-d10 (I)

17.302min (+ 0.072) 0.40 ng/u1

response 172679

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.10#
80.00	12.70	7.49#
0.00	0.00	0.00

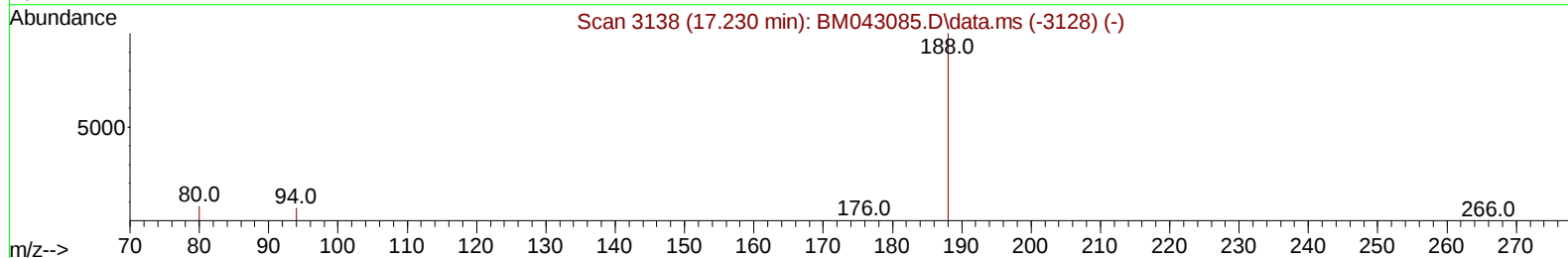
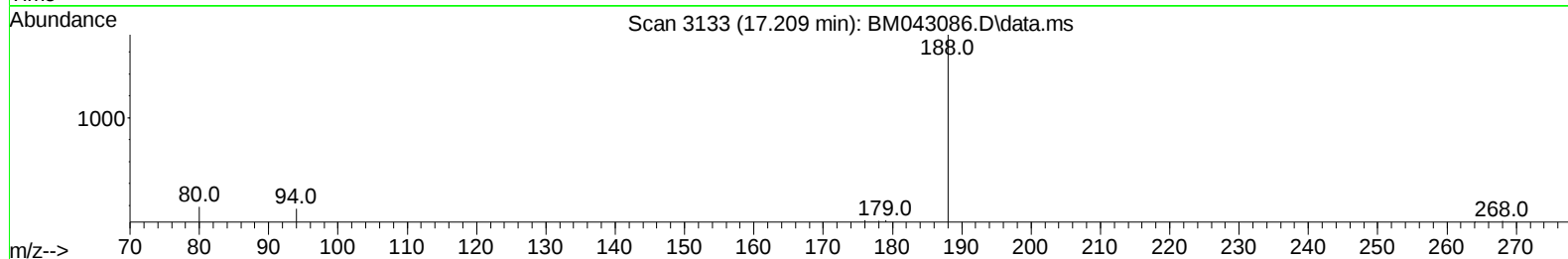
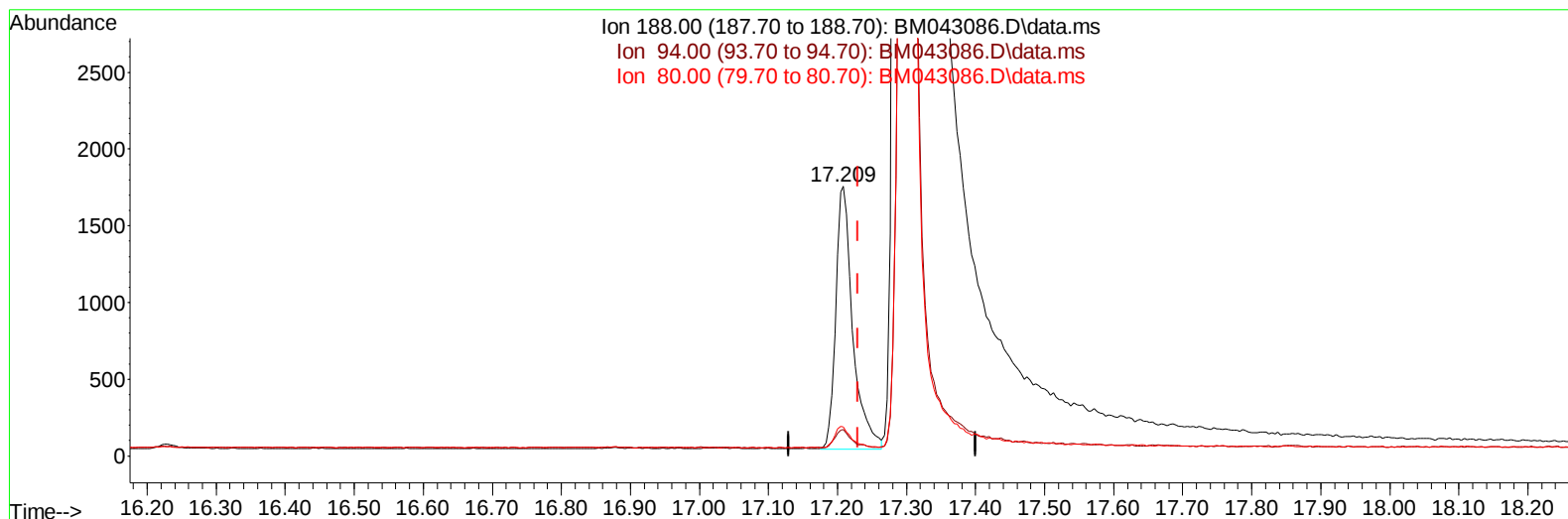
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043086.D
 Acq On : 30 Nov 2023 15:50
 Operator : MA/JU
 Sample : PB157421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(13) Phenanthrene-d10 (I)

17.209min (-0.021) 0.40 ng/ul m

response 2927

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.68
80.00	12.70	10.65
0.00	0.00	0.00

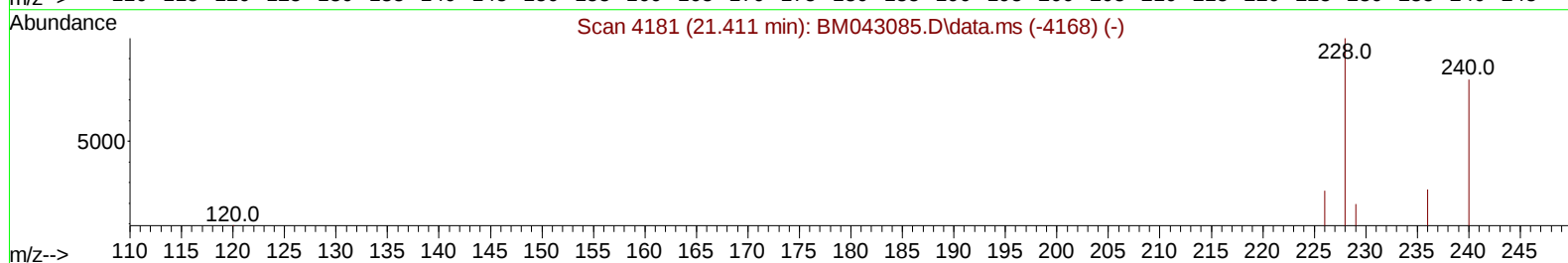
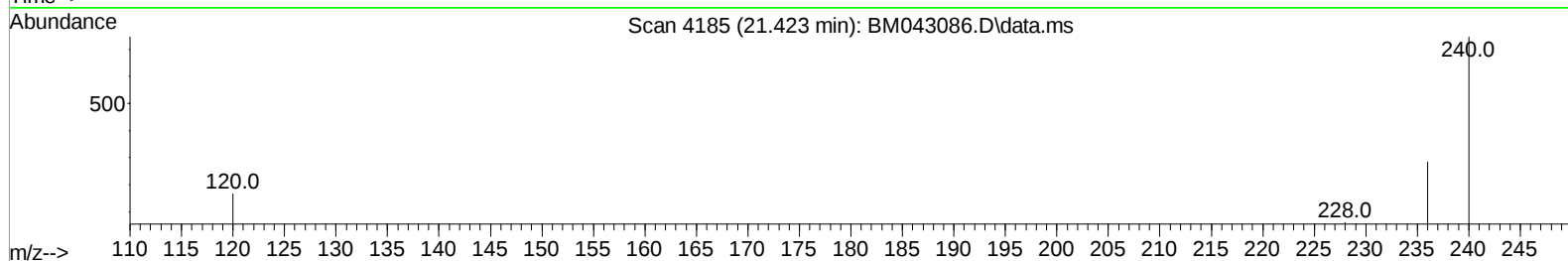
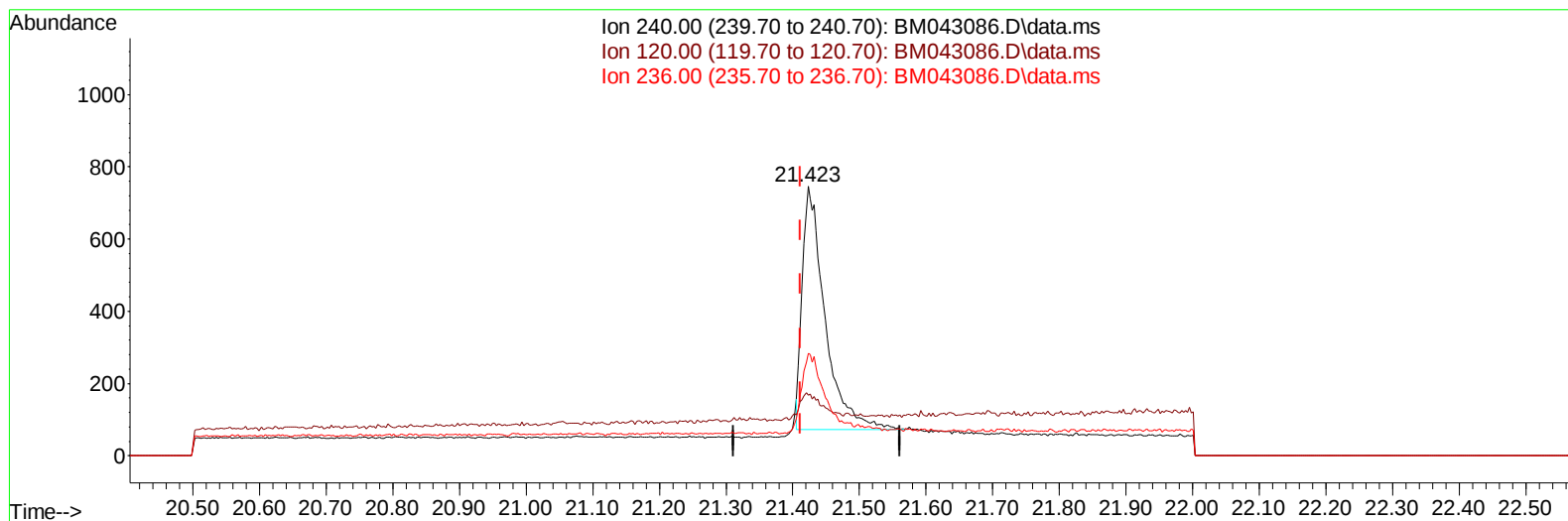
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043086.D
Acq On : 30 Nov 2023 15:50
Operator : MA/JU
Sample : PB157421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(17) Chrysene-d12

21.423min (+ 0.012) 0.40 ng/u1

response 1589

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.52
236.00	38.50	38.07
0.00	0.00	0.00

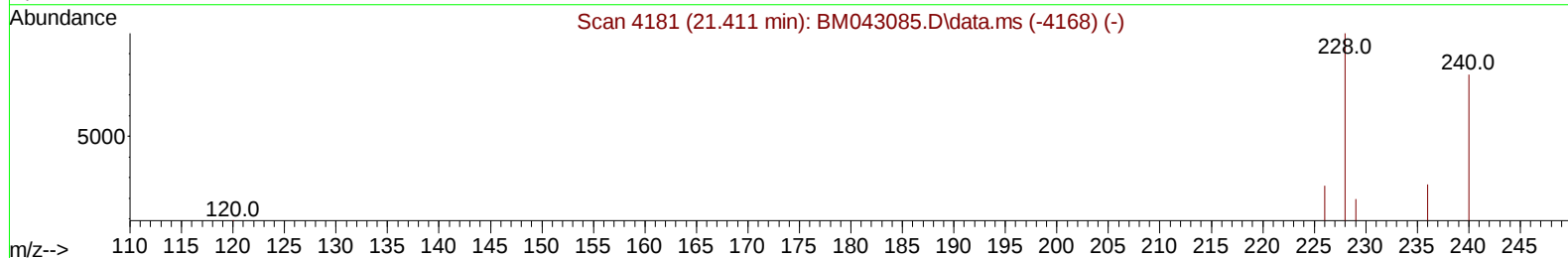
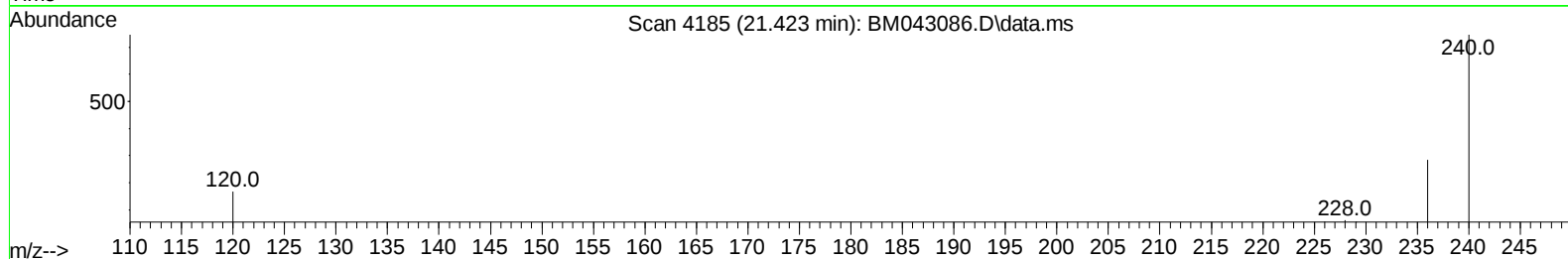
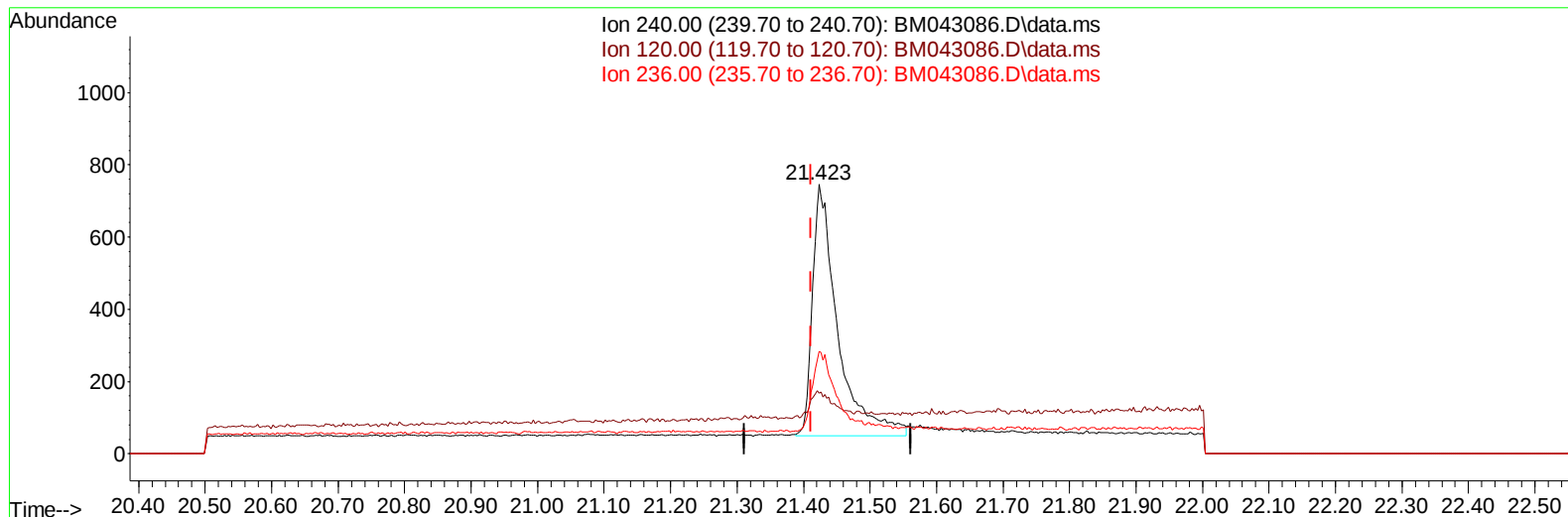
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043086.D
Acq On : 30 Nov 2023 15:50
Operator : MA/JU
Sample : PB157421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(17) Chrysene-d12

21.423min (+ 0.012) 0.40 ng/ul m

response 1822

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.52
236.00	38.50	38.07
0.00	0.00	0.00

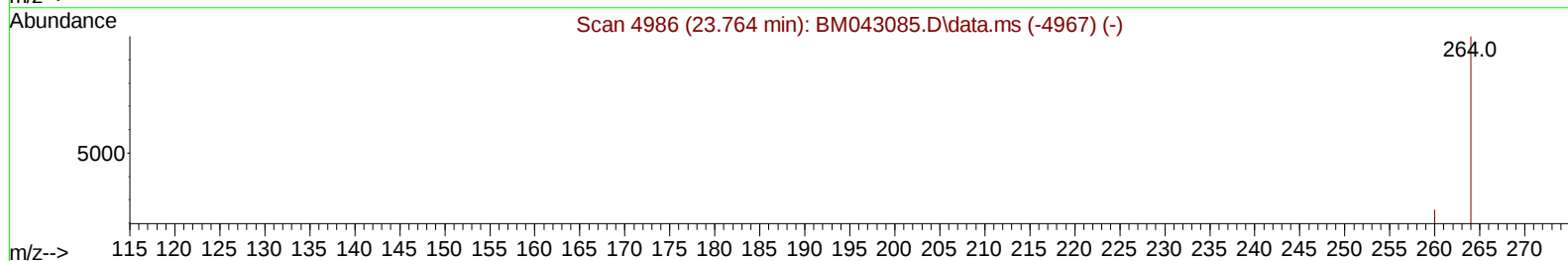
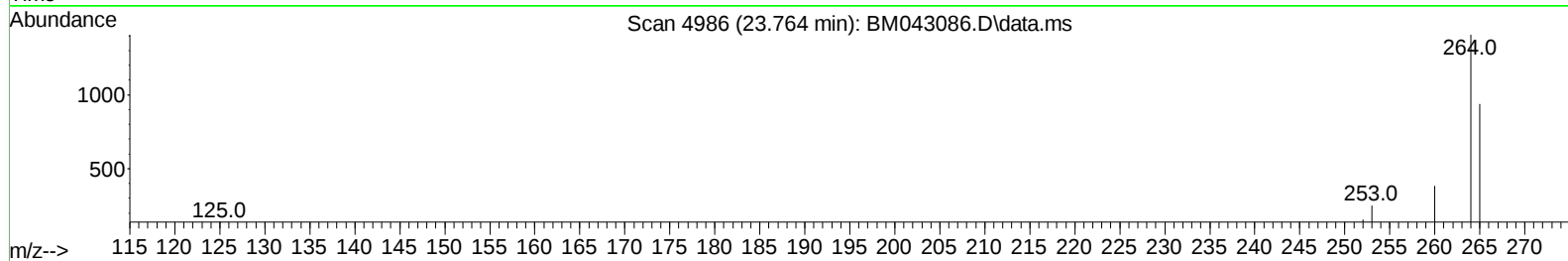
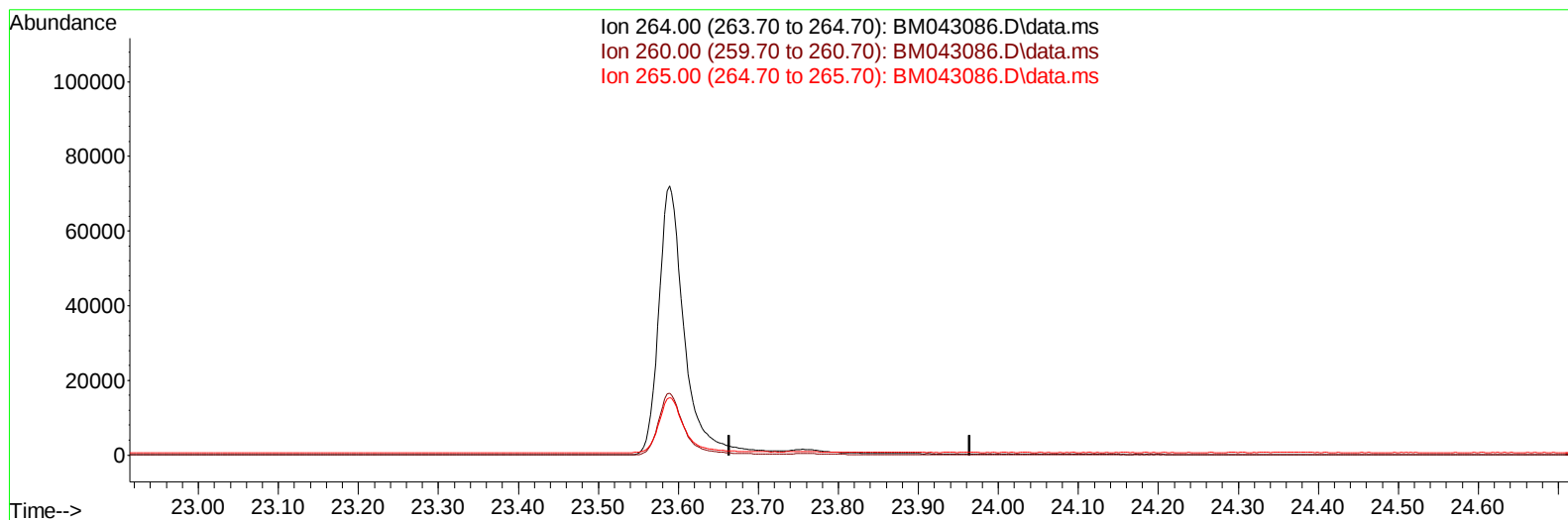
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043086.D
 Acq On : 30 Nov 2023 15:50
 Operator : MA/JU
 Sample : PB157421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(23) Perylene-d12 (I)

23.764min (-23.764) 0.00 ng/ul

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

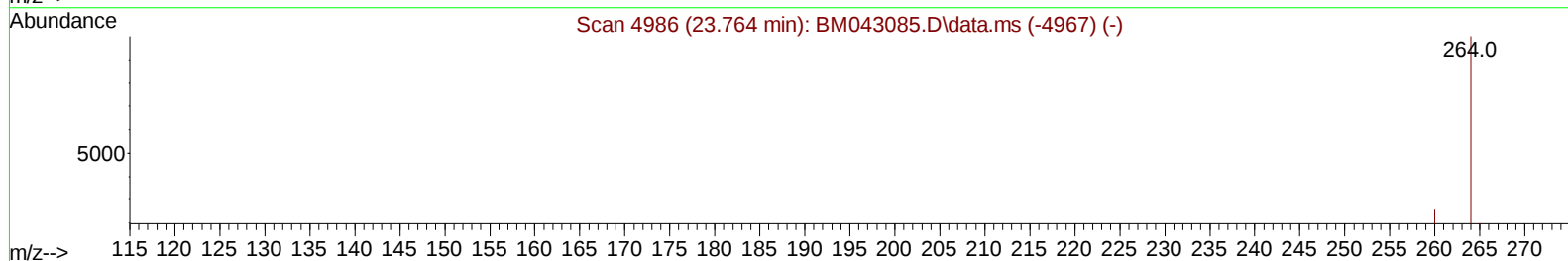
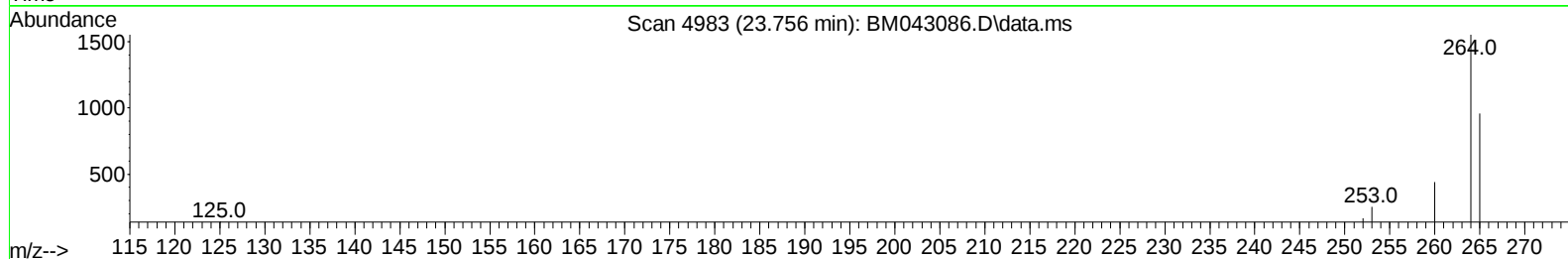
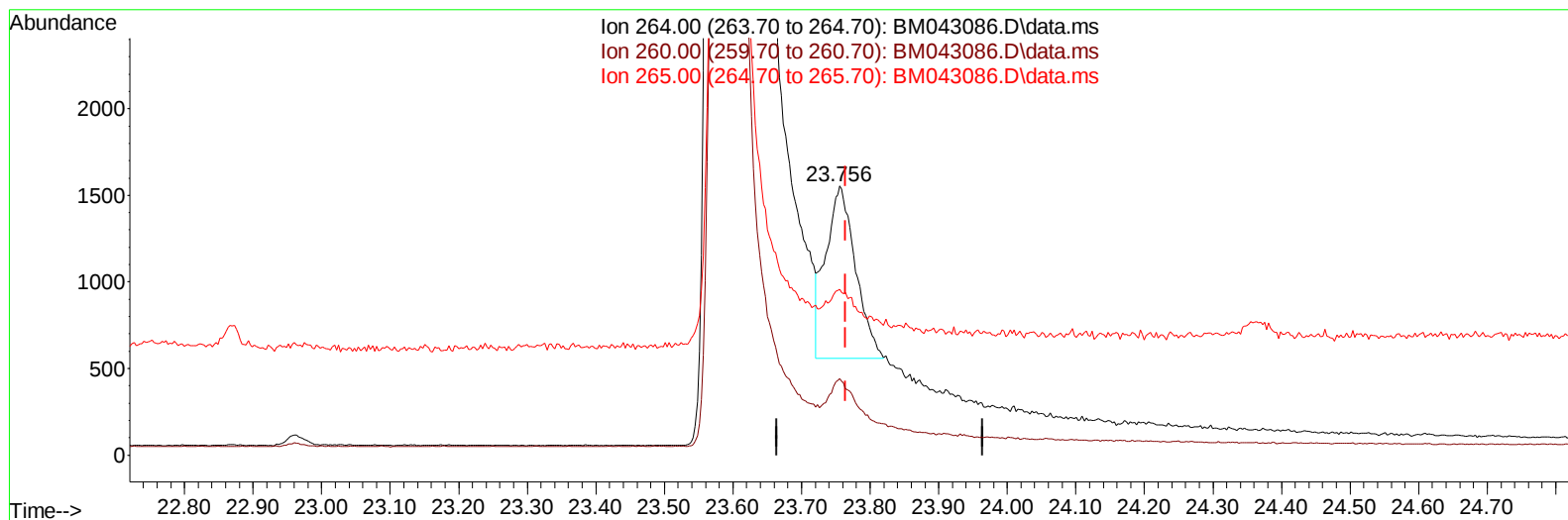
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043086.D
 Acq On : 30 Nov 2023 15:50
 Operator : MA/JU
 Sample : PB157421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043086.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.009) 0.40 ng/ul m

response 3005

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.40
265.00	120.30	61.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043086.D
 Acq On : 30 Nov 2023 15:50
 Operator : MA/JU
 Sample : PB157421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK421

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 00:43:27 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152		840	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.601	136		2485	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.451	164		1423m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188		2927m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.423	240		1822m	0.400	ng/ul	0.01
23) Perylene-d12	23.756	264		3005m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.155	96		4834	3.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152		689	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.244	212		1534	0.231	ng/ul	0.00

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

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