

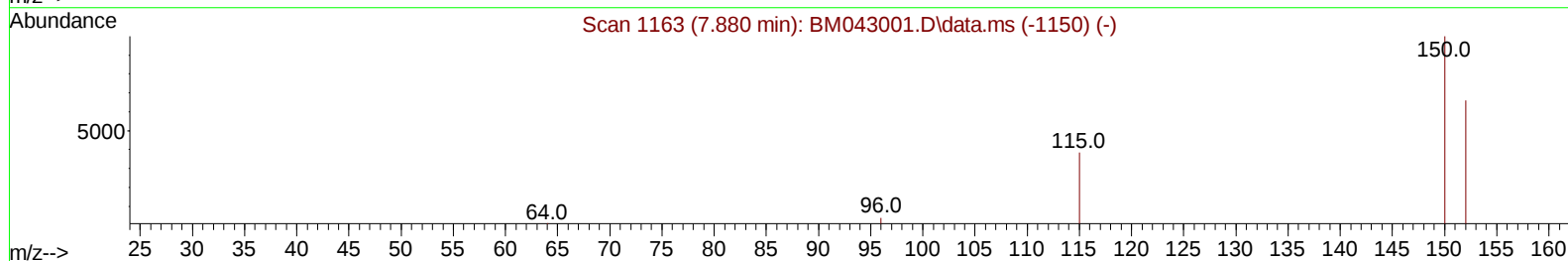
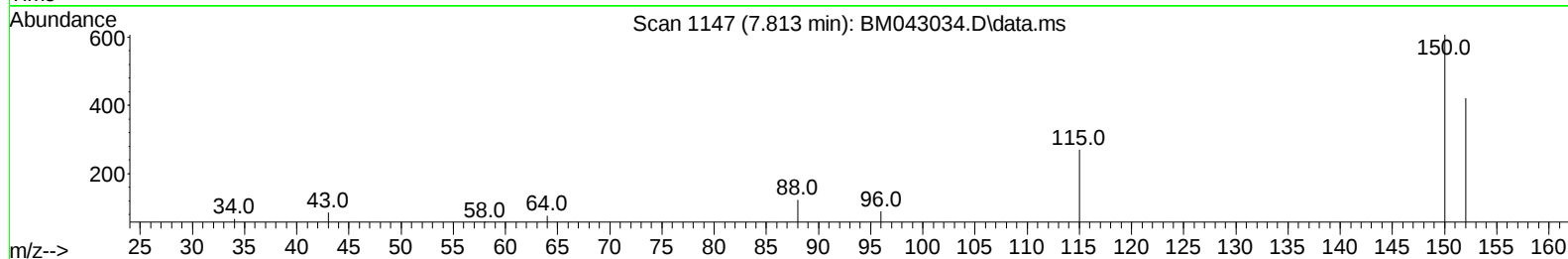
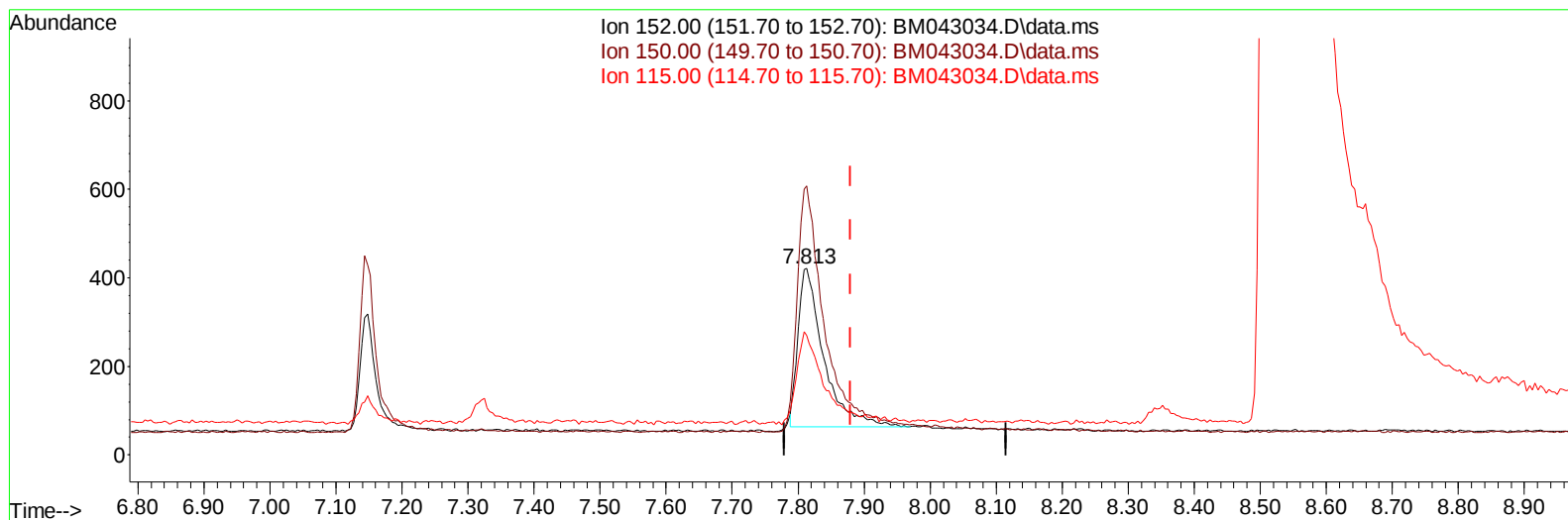
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 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 11/28/2023



TIC: BM043034.D\data.ms

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

7.813min (-0.067) 0.40 ng/u1

response 973

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.18
115.00	89.60	64.13#
0.00	0.00	0.00

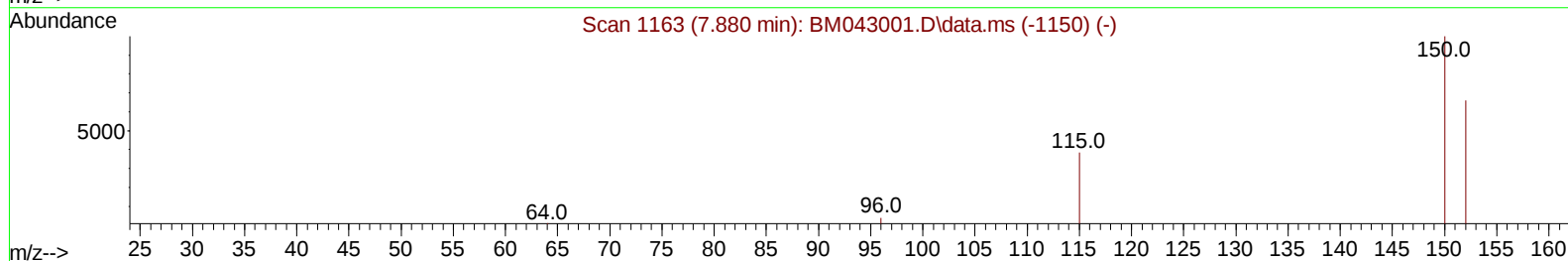
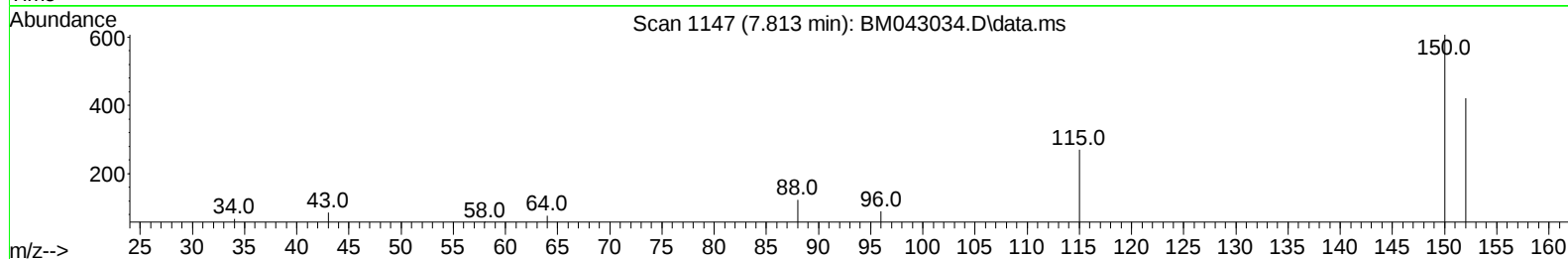
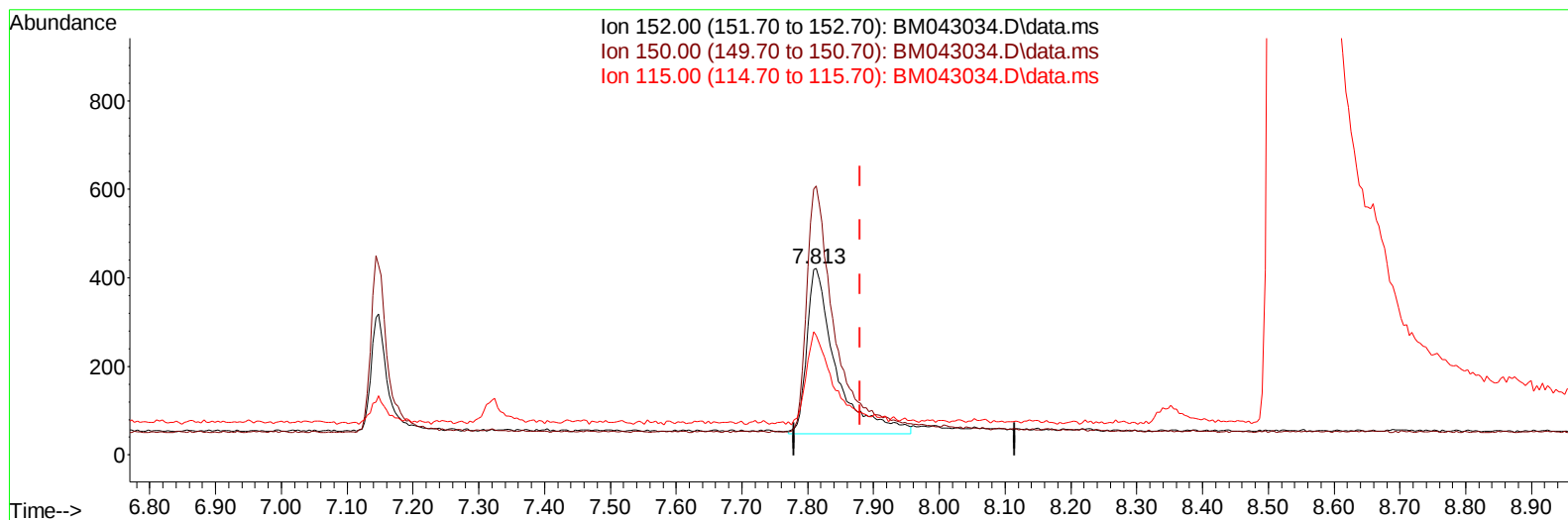
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 2023
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QLast Update : Mon Nov 27 02:36:19 2023
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043034.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul m

response 1145

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.18
115.00	89.60	64.13#
0.00	0.00	0.00

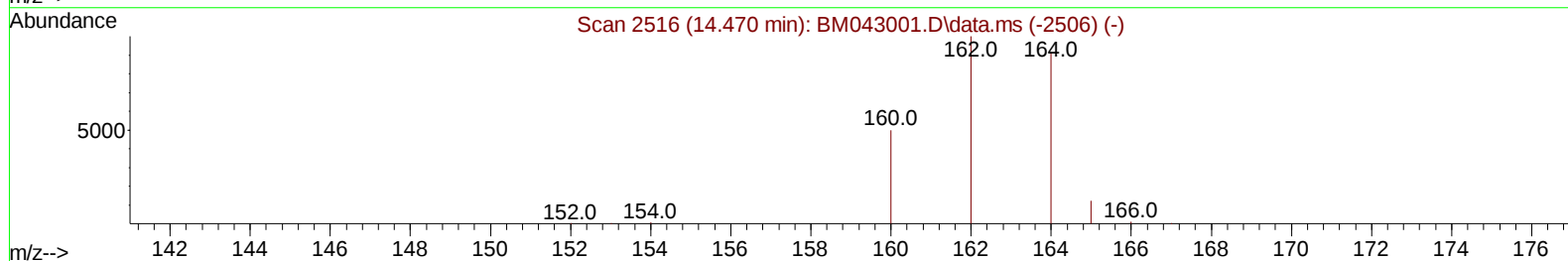
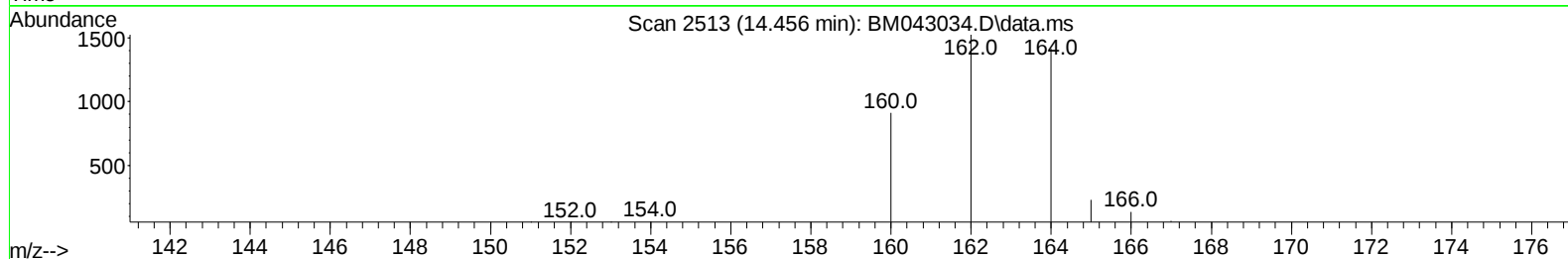
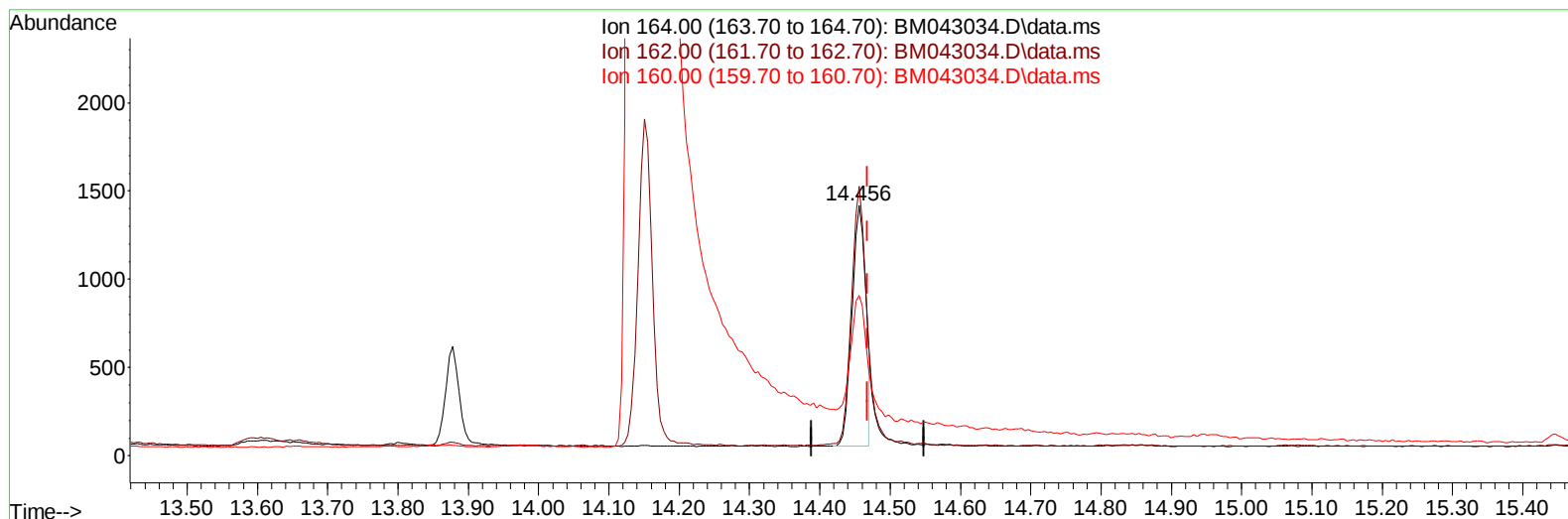
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043034.D
 Acq On : 26 Nov 2023 03:07
 Operator : MA/JU
 Sample : 05336-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 2023
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TIC: BM043034.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/u1

response 1886

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.62
160.00	57.20	64.17
0.00	0.00	0.00

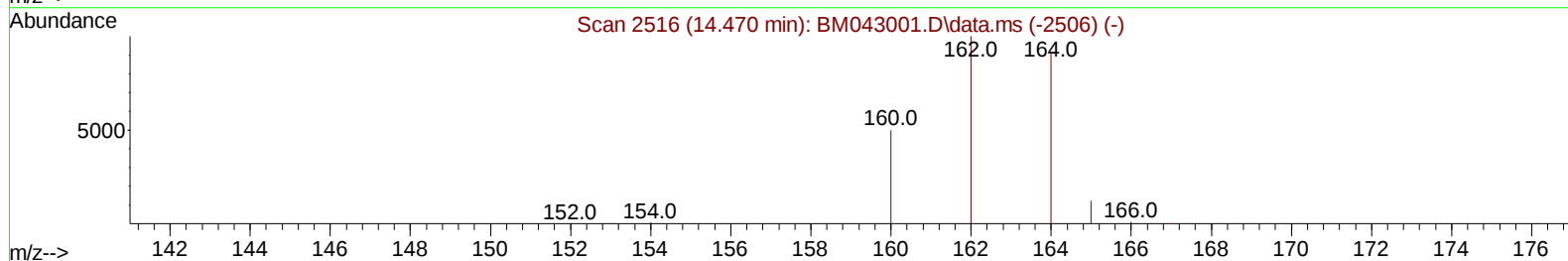
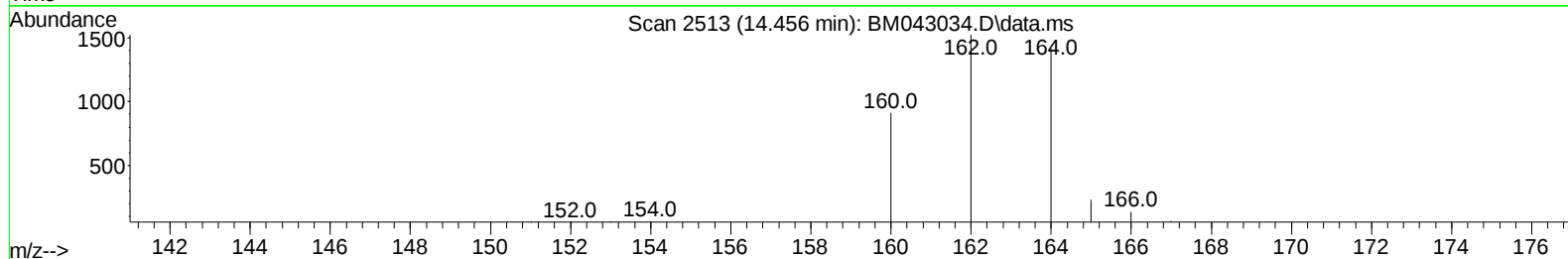
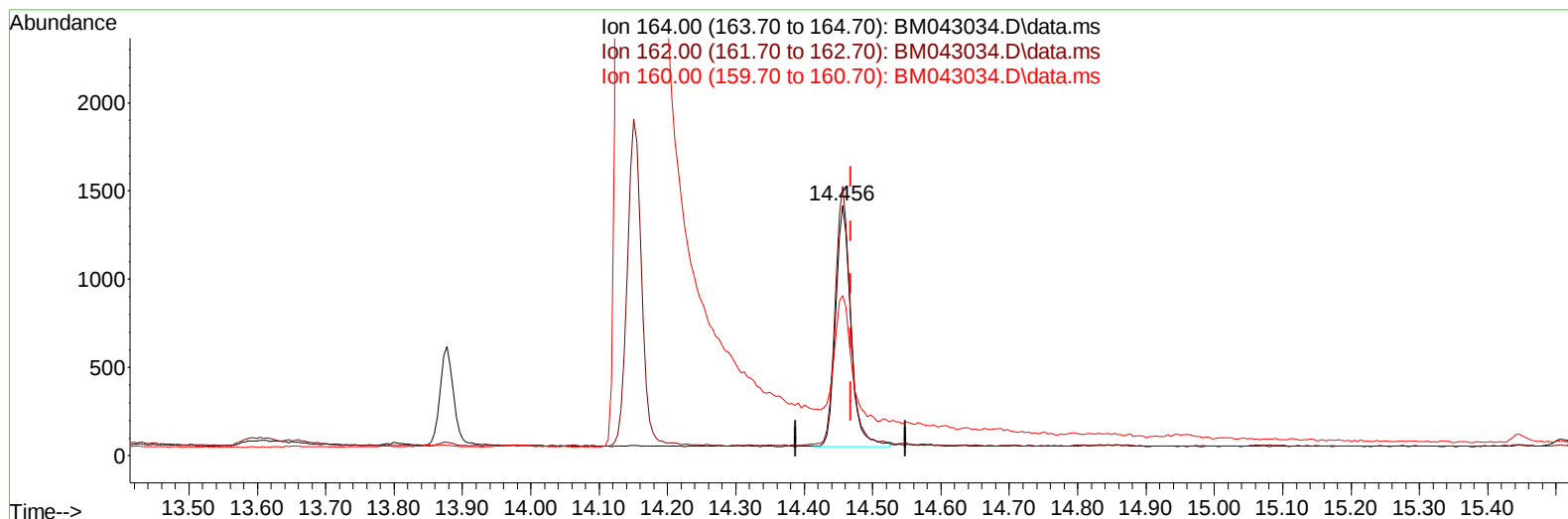
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043034.D
 Acq On : 26 Nov 2023 03:07
 Operator : MA/JU
 Sample : 05336-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 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
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Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043034.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul m

response 2147

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.62
160.00	57.20	64.17
0.00	0.00	0.00

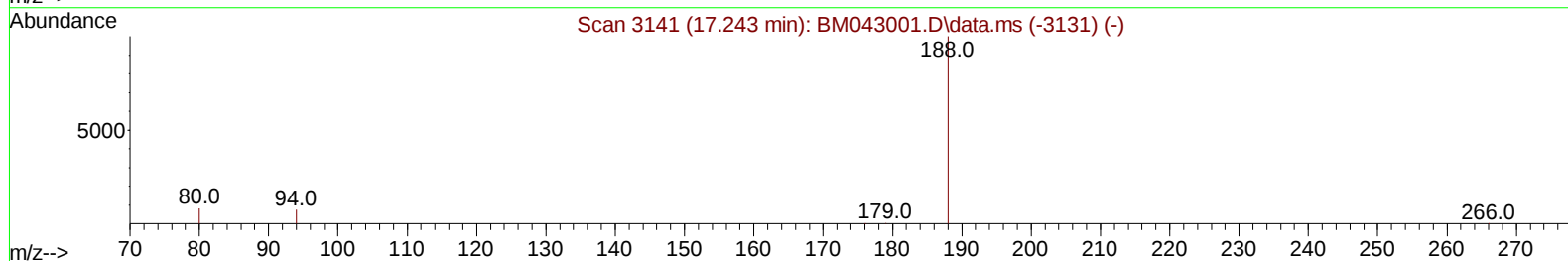
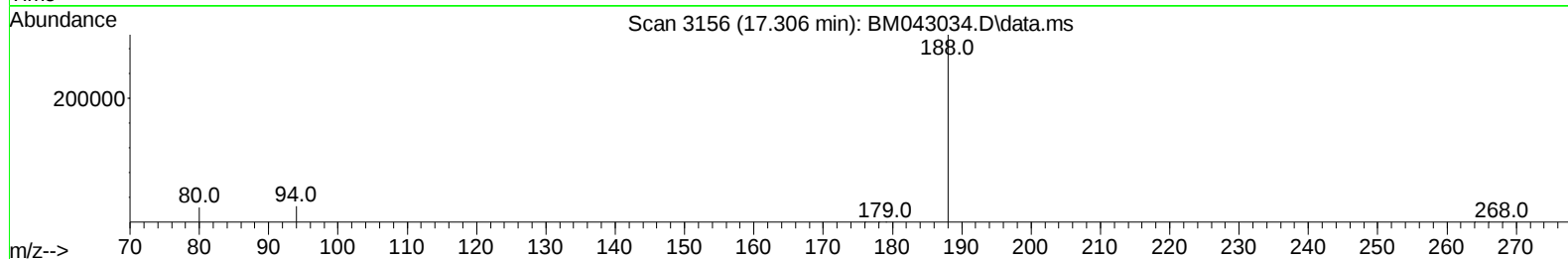
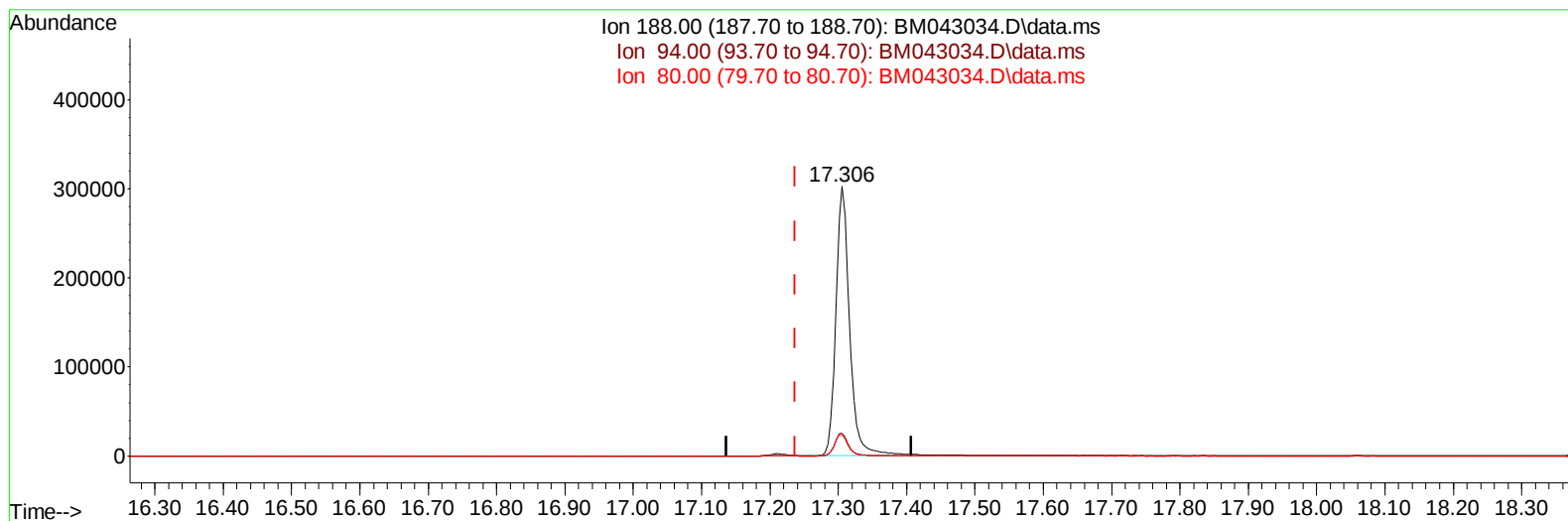
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043034.D
 Acq On : 26 Nov 2023 03:07
 Operator : MA/JU
 Sample : 05336-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/28/2023
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TIC: BM043034.D\data.ms

(13) Phenanthrene-d10 (I)

17.306min (+ 0.069) 0.40 ng/u1

response 419307

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.44#
80.00	12.70	7.88#
0.00	0.00	0.00

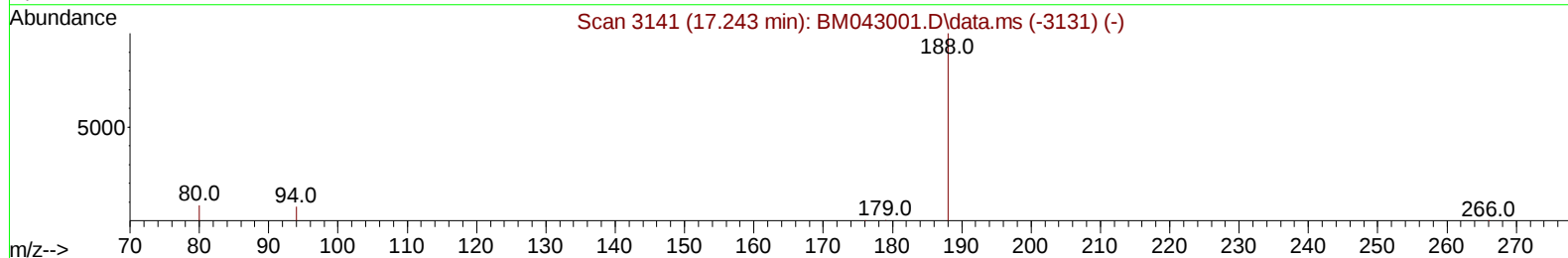
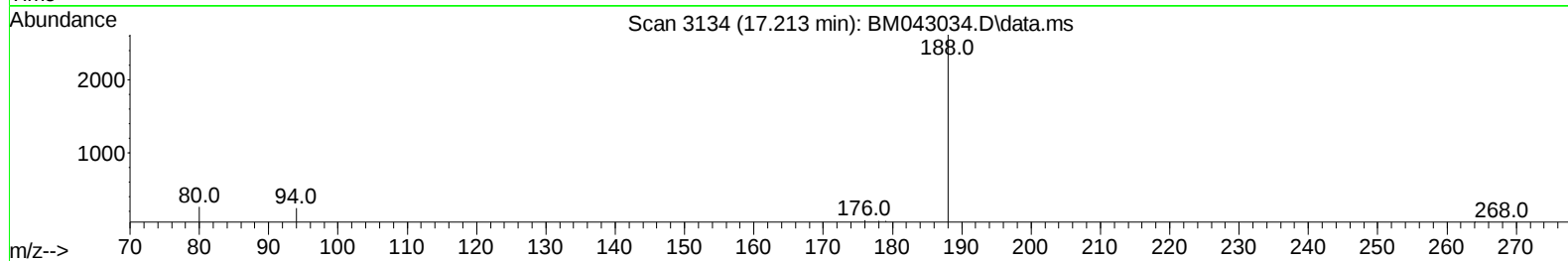
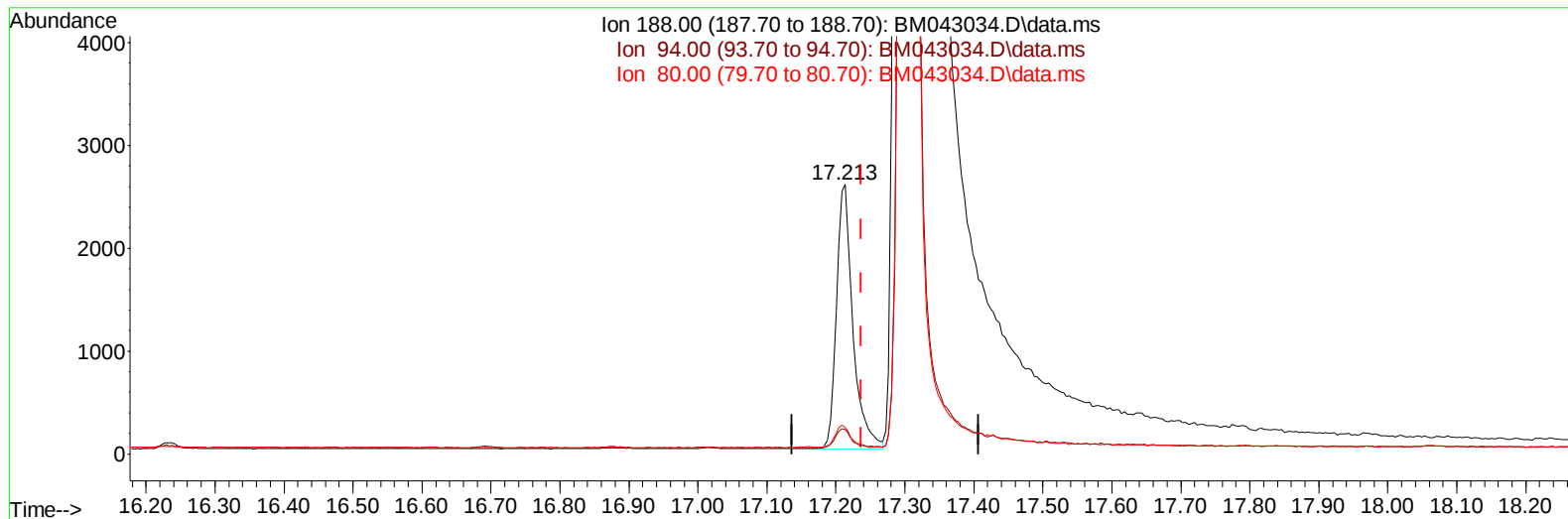
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 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 11/28/2023



TIC: BM043034.D\data.ms

(13) Phenanthrene-d10 (I)

17.213min (-0.024) 0.40 ng/ul m

response 4260

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.01#
80.00	12.70	9.77#
0.00	0.00	0.00

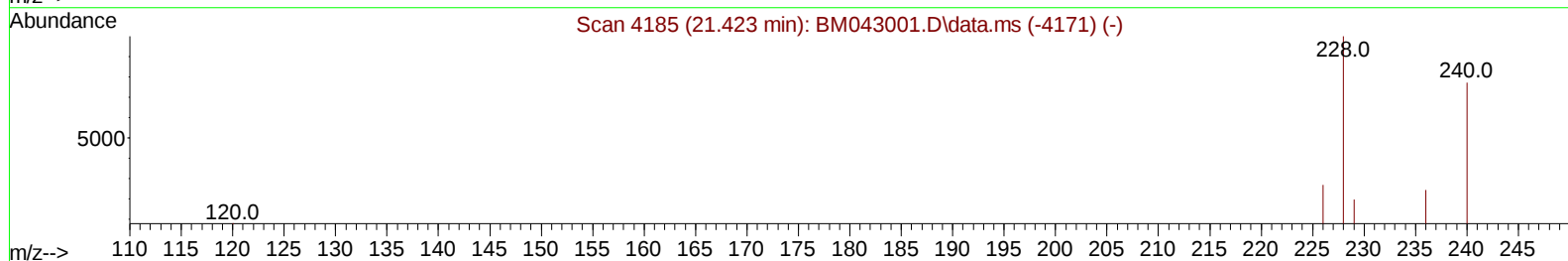
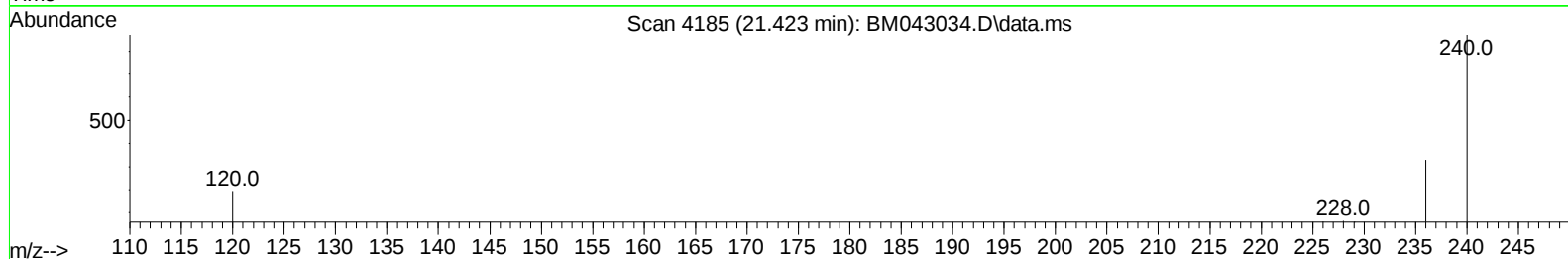
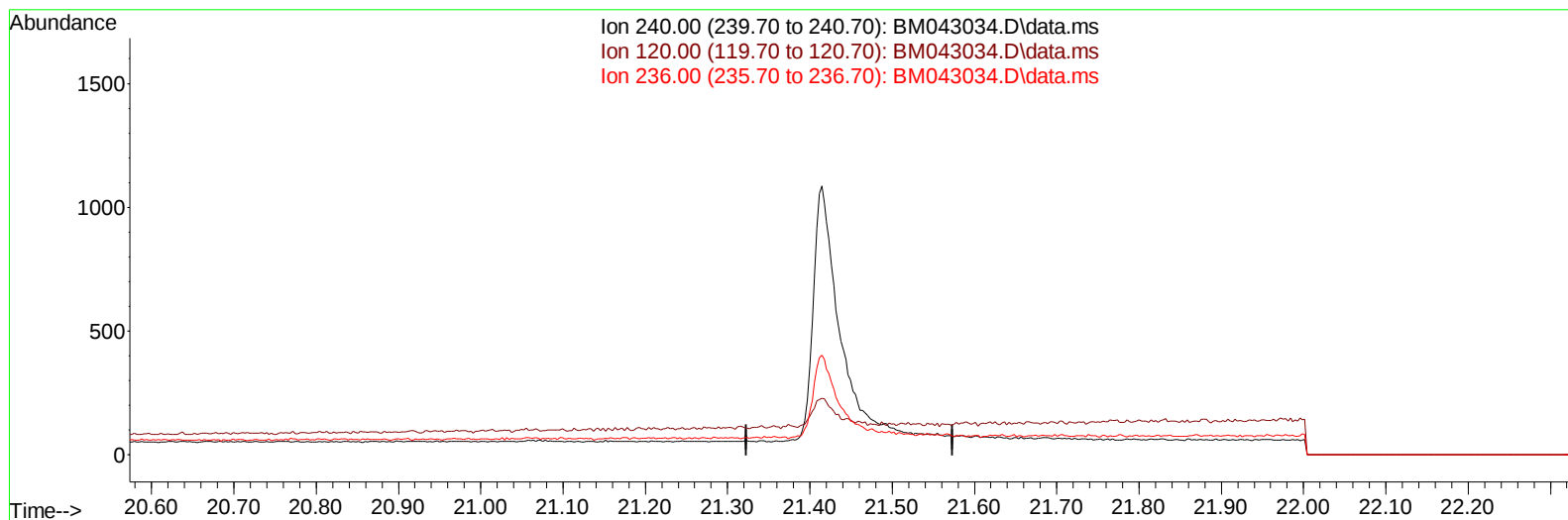
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM043034.D\data.ms

(17) Chrysene-d12

21.424min (-21.424) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

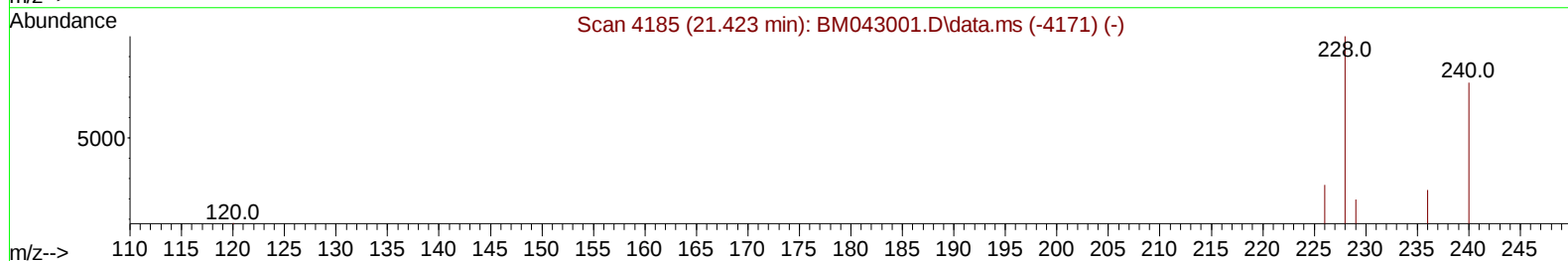
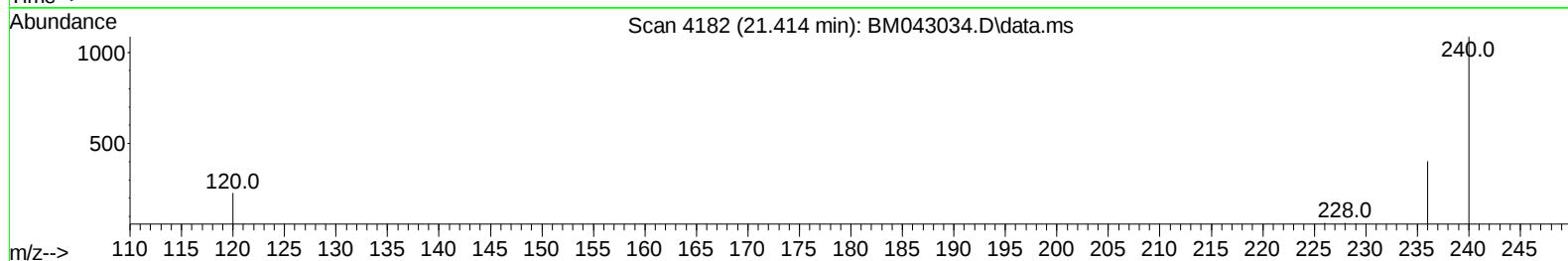
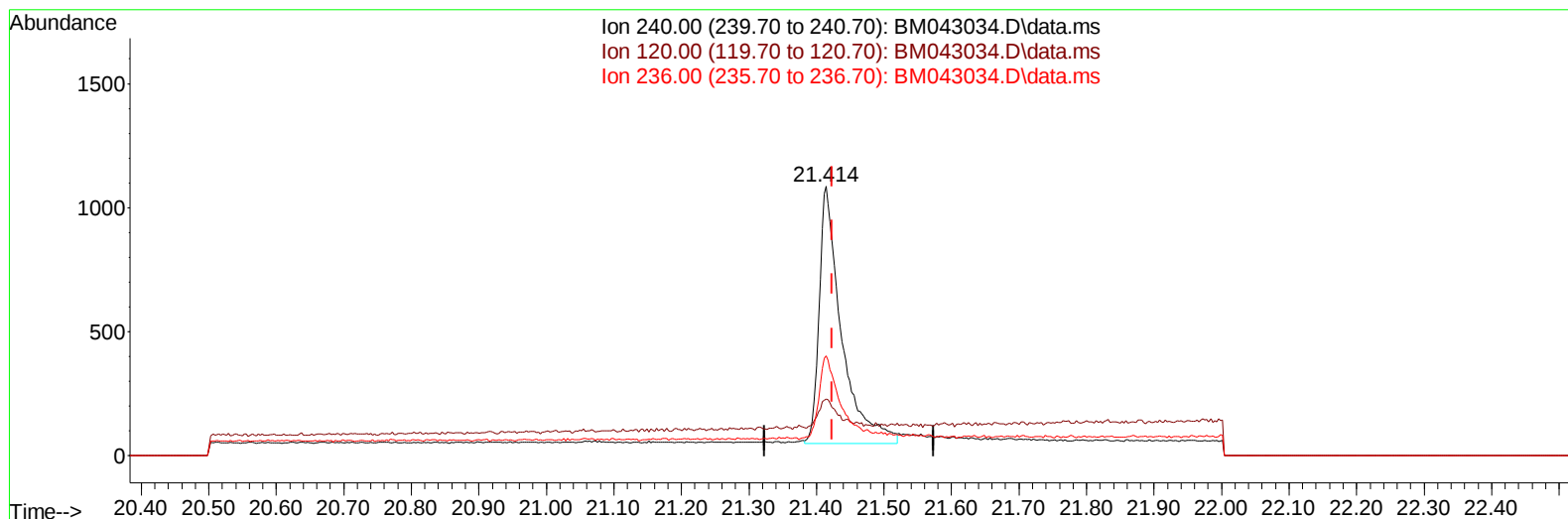
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 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 11/28/2023



TIC: BM043034.D\data.ms

(17) Chrysene-d12

21.414min (-0.009) 0.40 ng/u1 m

response 2381

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	20.99
236.00	38.50	37.02
0.00	0.00	0.00

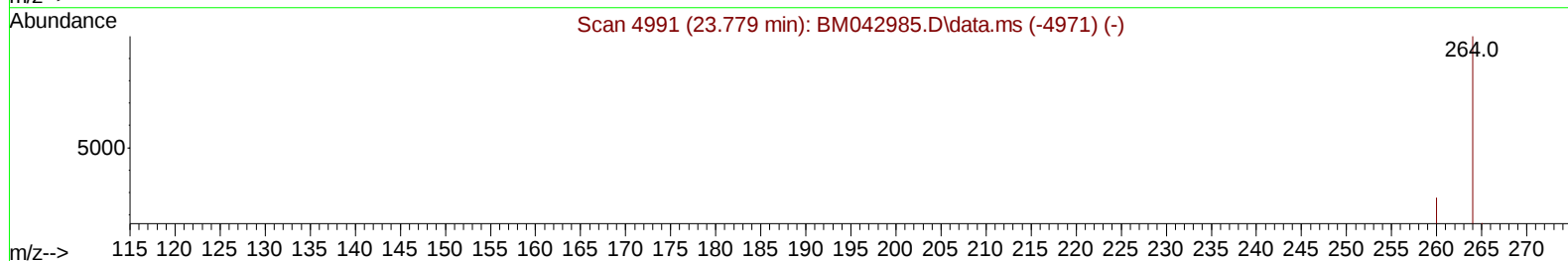
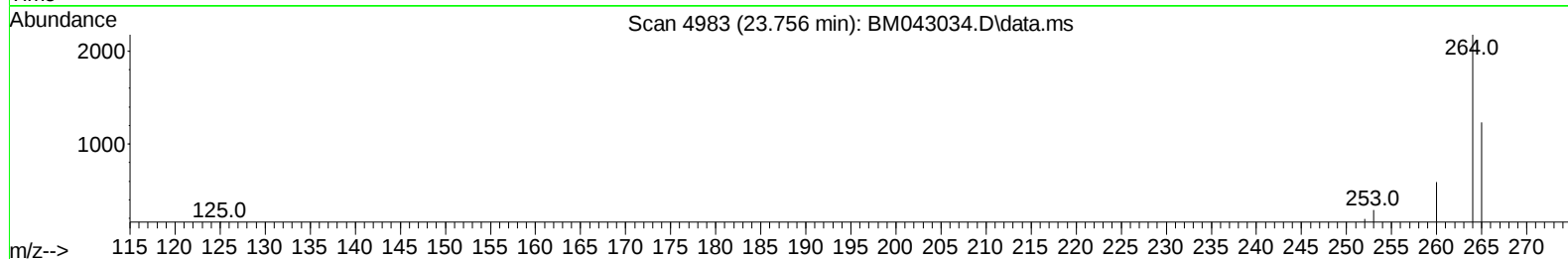
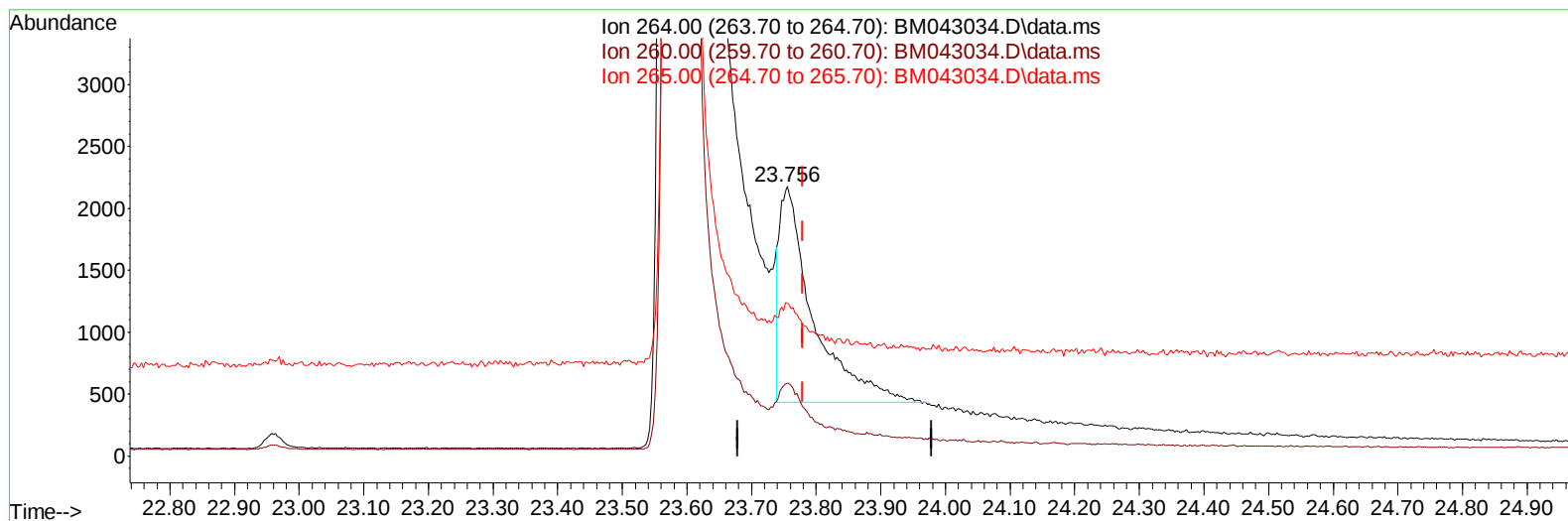
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043034.D
 Acq On : 26 Nov 2023 03:07
 Operator : MA/JU
 Sample : 05336-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:07:09 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 11/28/2023



TIC: BM043034.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/u1

response 6350

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.02#
265.00	120.30	56.76#
0.00	0.00	0.00

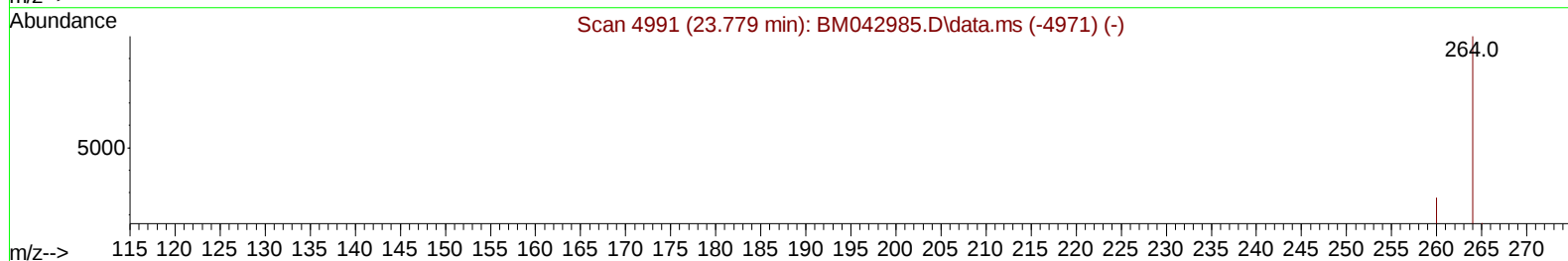
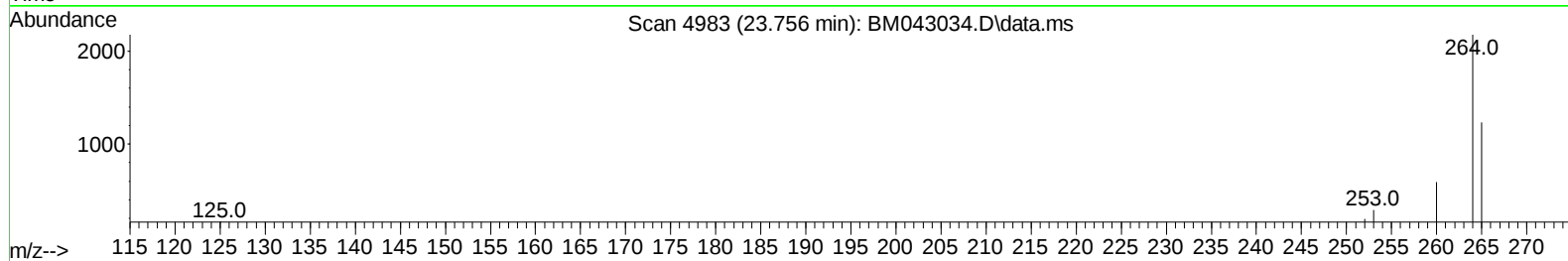
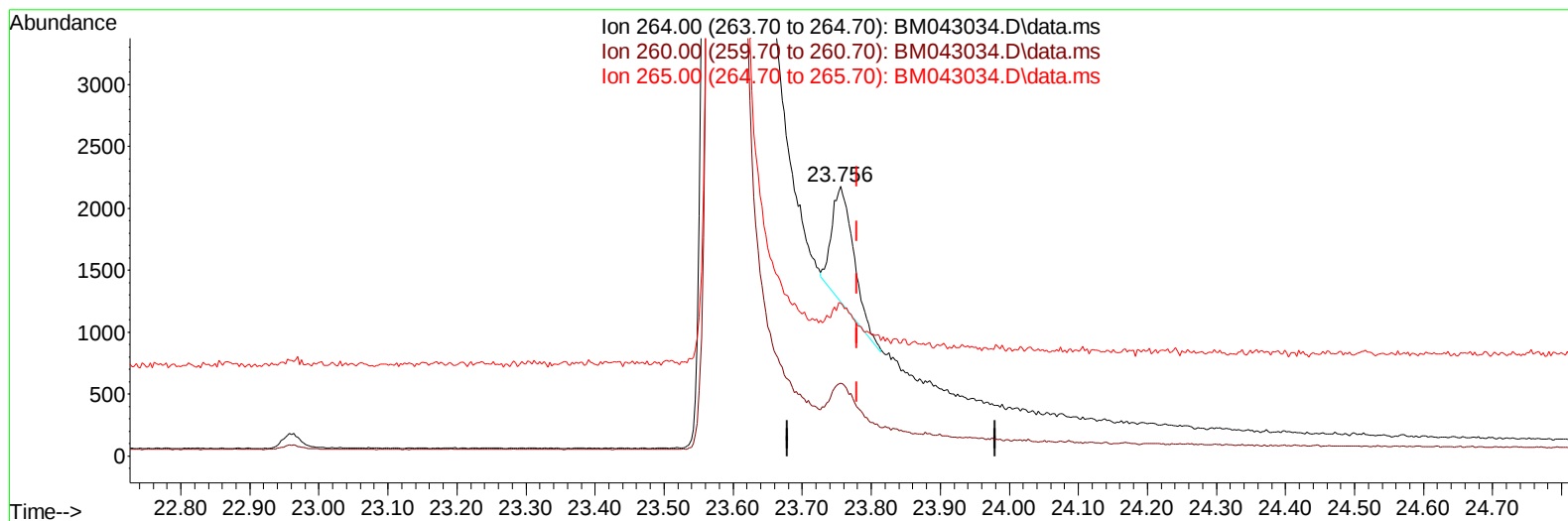
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043034.D
Acq On : 26 Nov 2023 03:07
Operator : MA/JU
Sample : 05336-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC5

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:51 2023
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043034.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/ul m

response 1993

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.02#
265.00	120.30	56.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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 Operator : MA/JU
 Sample : 05336-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC5

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1145m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.606	136	3272	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2147m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	4260m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.414	240	2381m	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	1993m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4706	2.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1322	0.302	ng/ul	-0.02
18) Fluoranthene-d10	19.244	212	3530	0.407	ng/ul	-0.02
Target Compounds						Qvalue
12) Fluorene	15.506	166	498	0.058	ng/ul#	88

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

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