

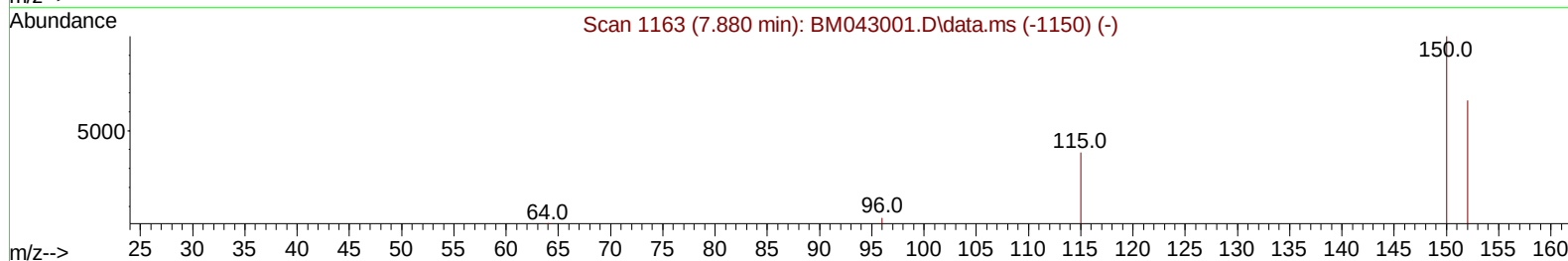
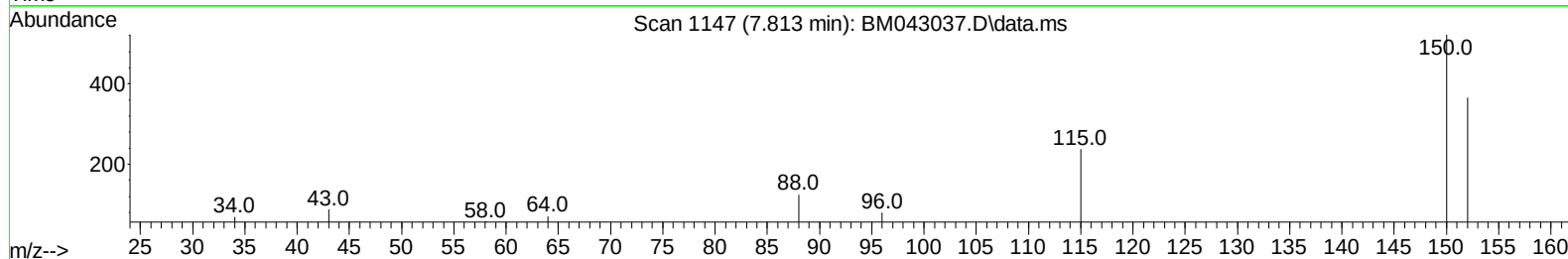
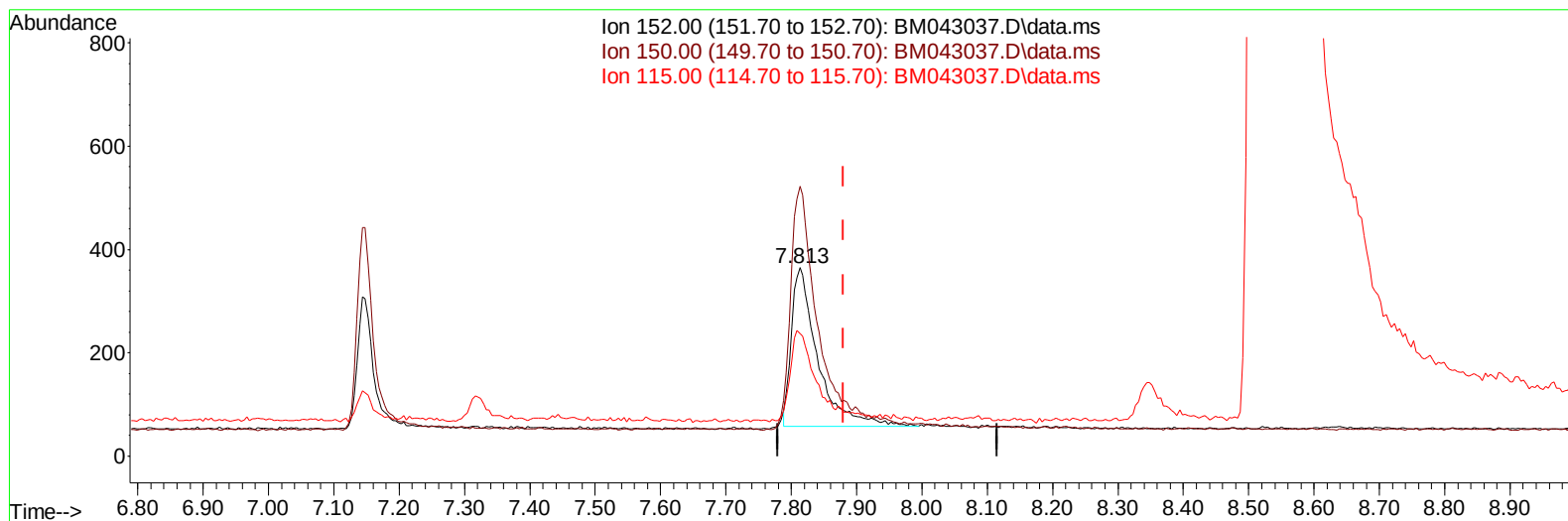
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:46:09 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: BM043037.D\data.ms

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

7.813min (-0.067) 0.40 ng/u1

response 854

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.01
115.00	89.60	64.93#
0.00	0.00	0.00

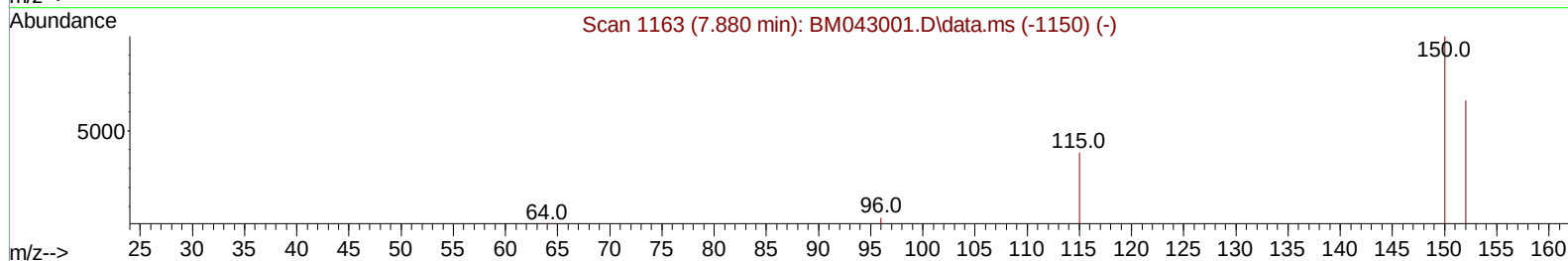
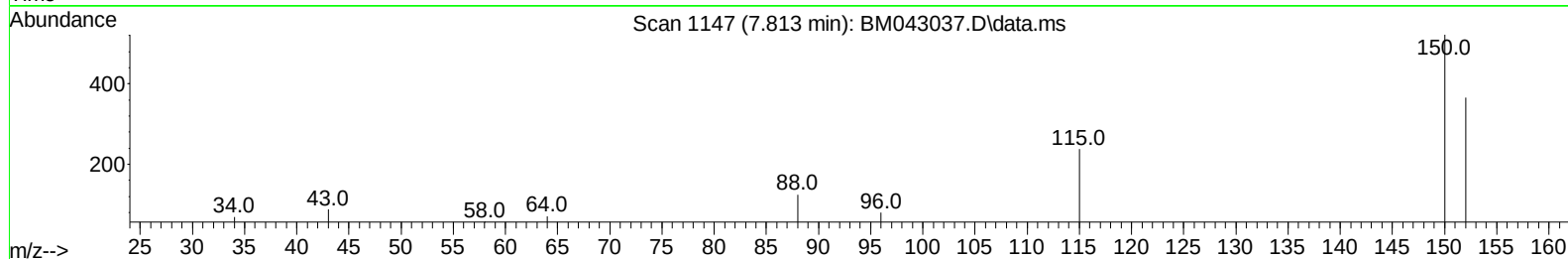
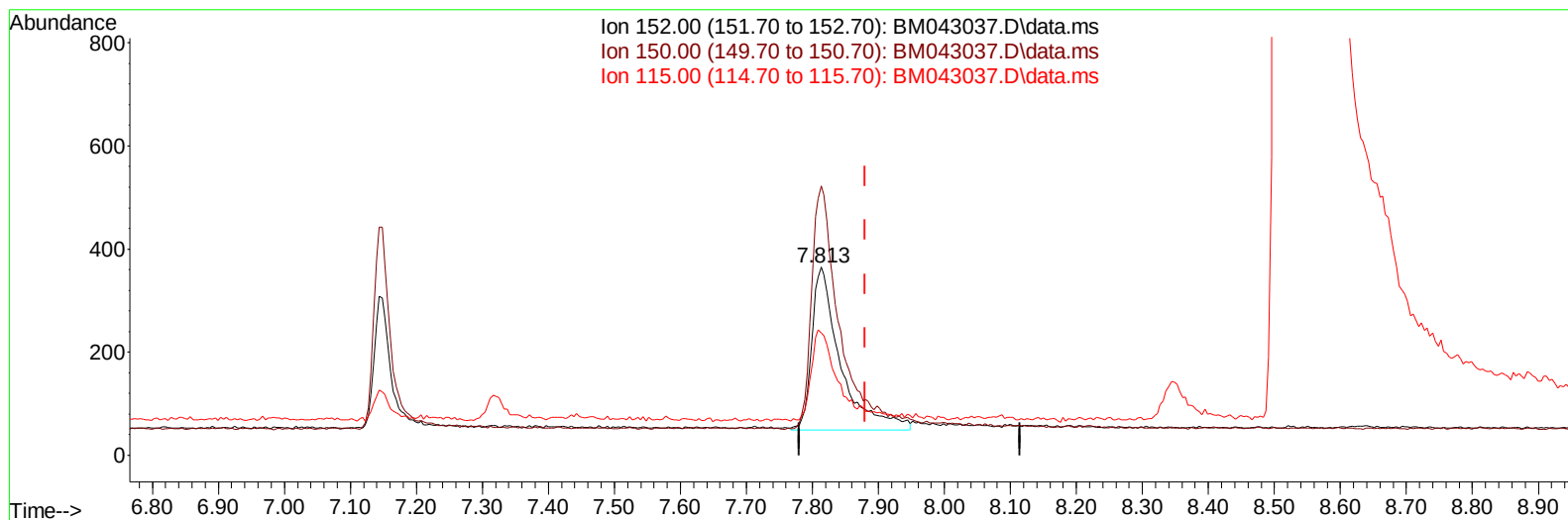
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
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Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Mon Nov 27 02:36:19 2023
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Reviewed By :Yogesh Patel 11/28/2023
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TIC: BM043037.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul m

response 951

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.01
115.00	89.60	64.93#
0.00	0.00	0.00

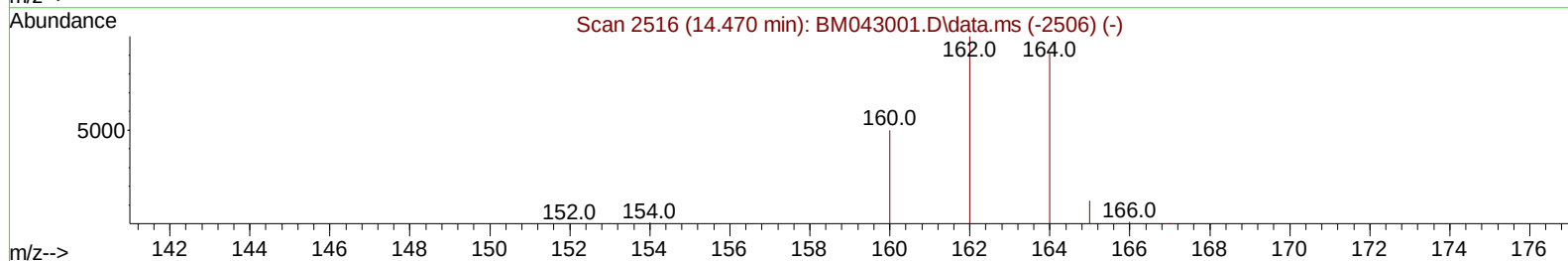
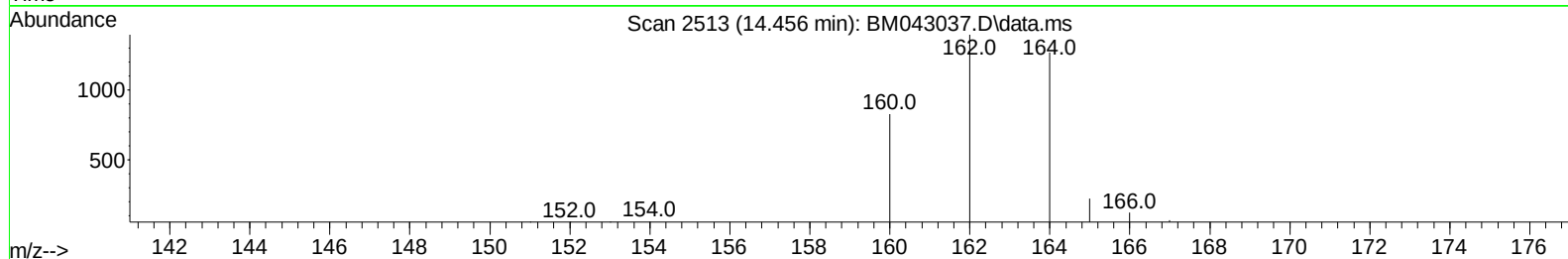
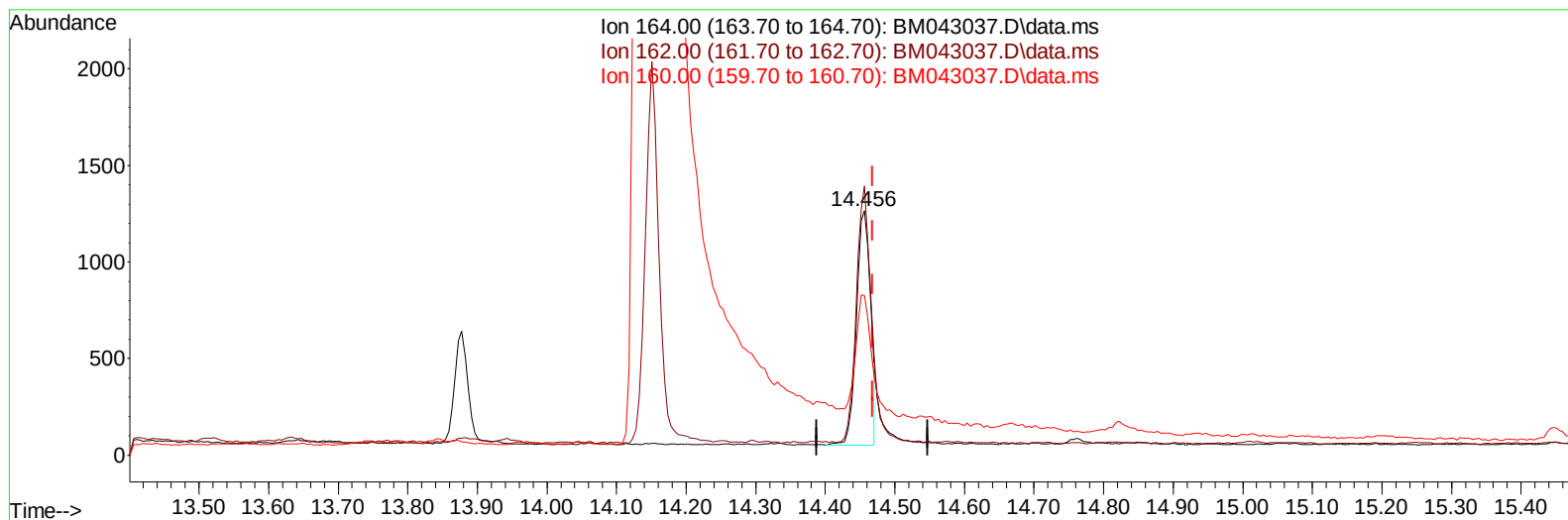
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043037.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/u1

response 1735

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.03
160.00	57.20	65.32
0.00	0.00	0.00

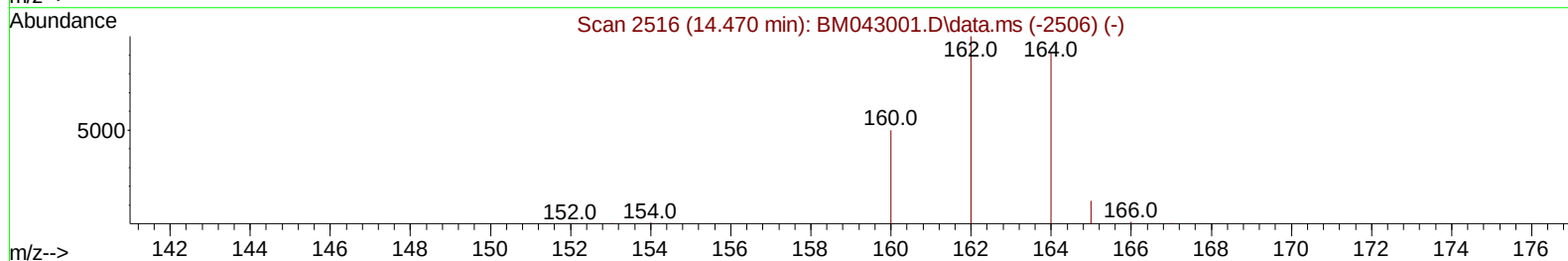
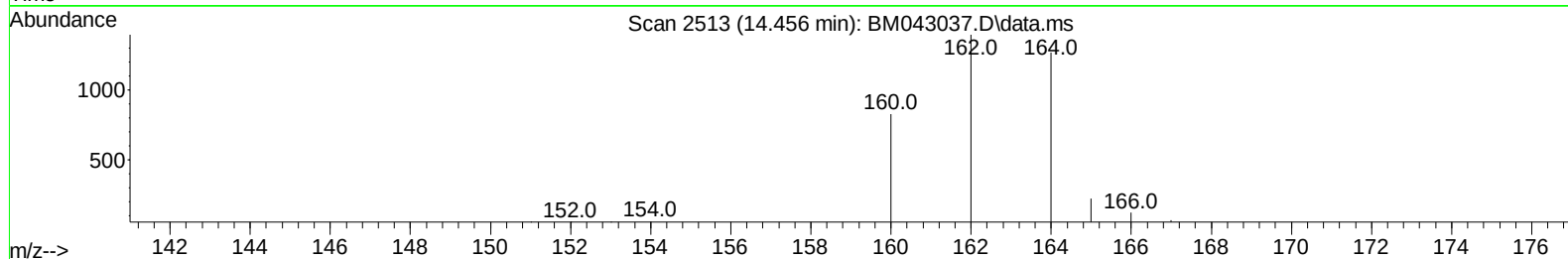
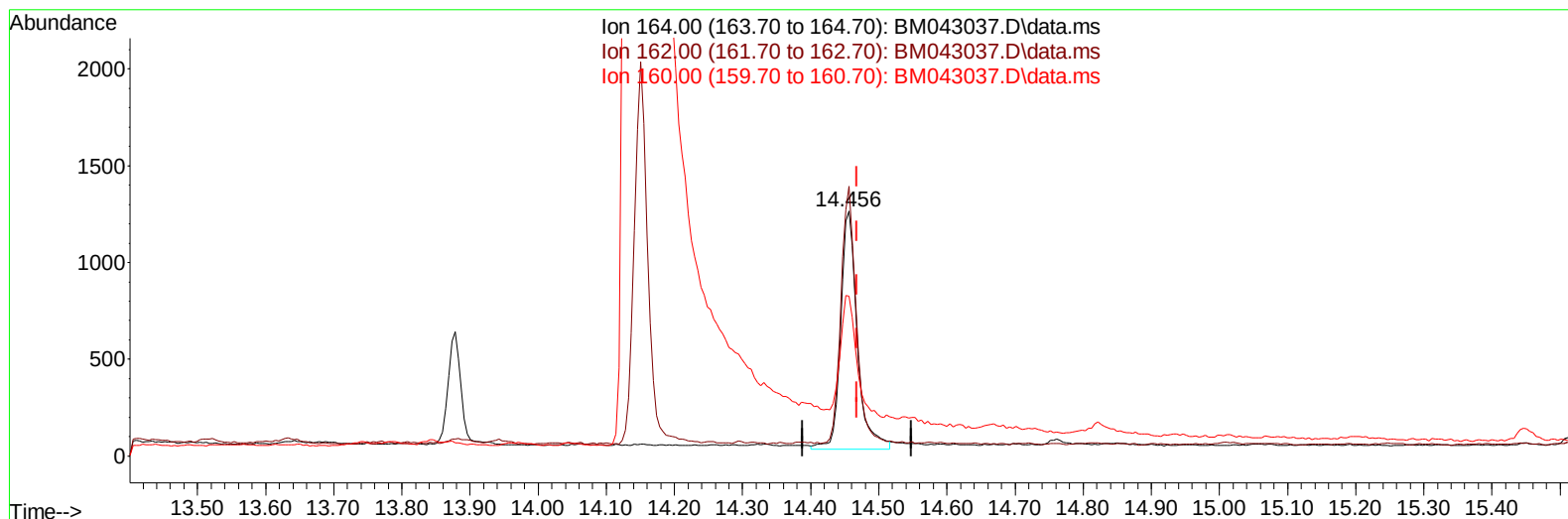
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD7

Manual IntegrationsAPPROVED

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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: BM043037.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/ul m

response 2086

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.03
160.00	57.20	65.32
0.00	0.00	0.00

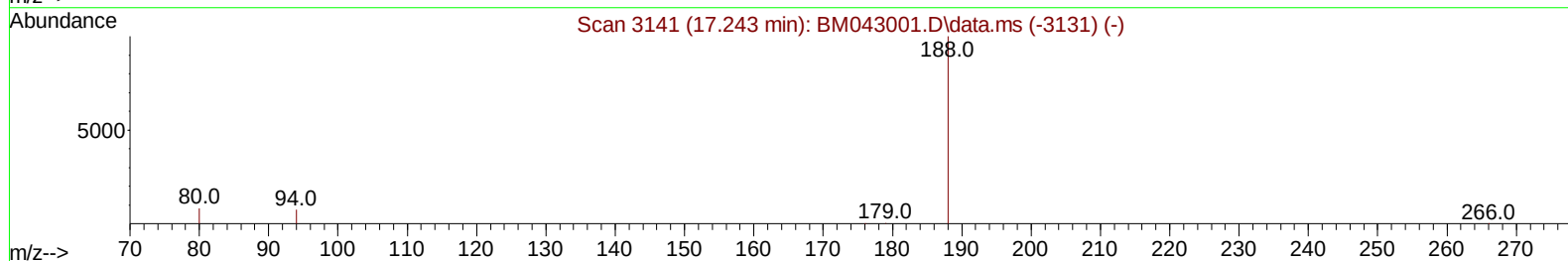
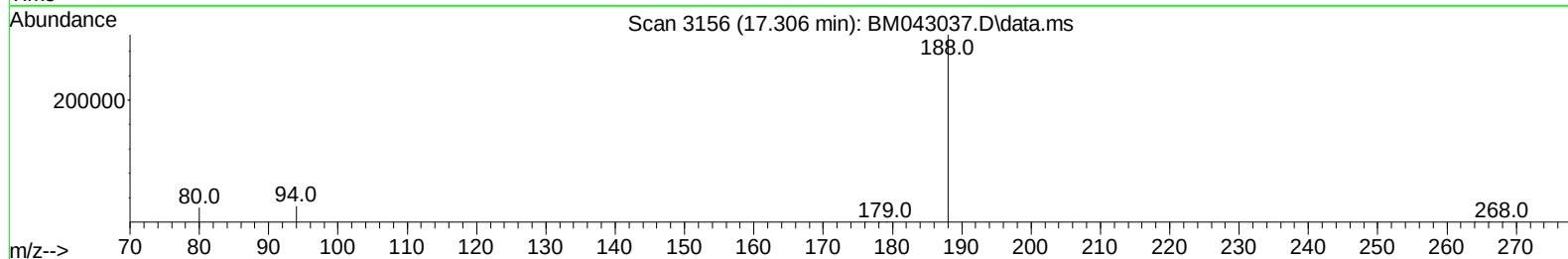
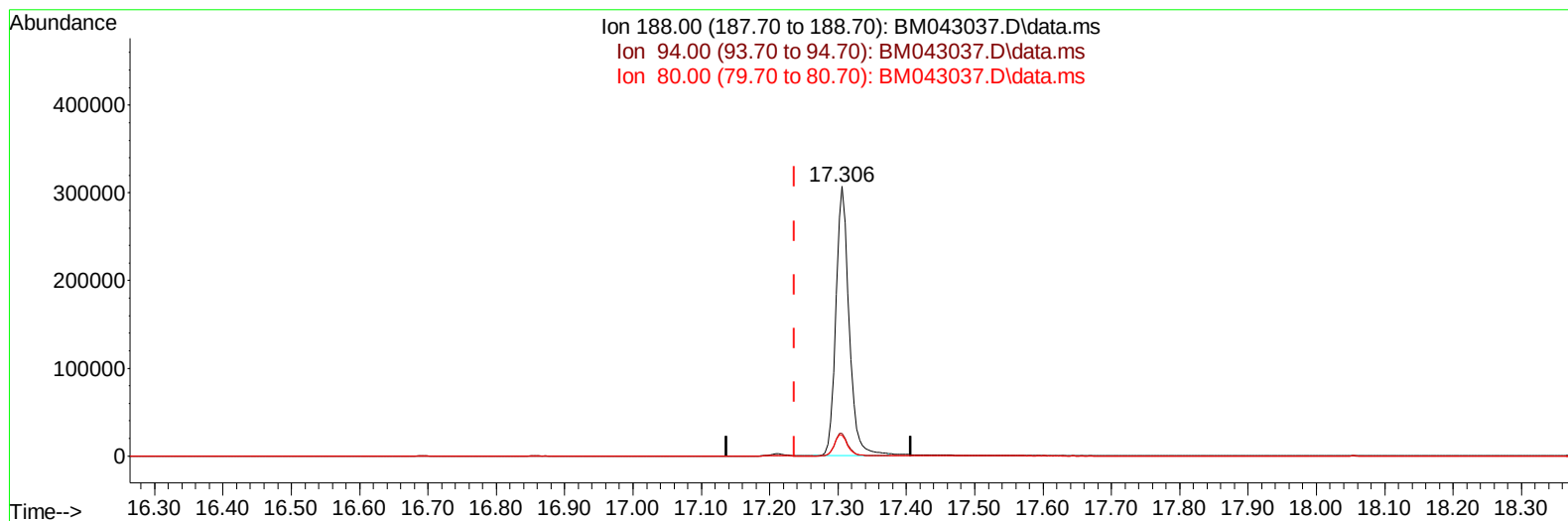
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:46:09 2023
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TIC: BM043037.D\data.ms

(13) Phenanthrene-d10 (I)

17.306min (+ 0.069) 0.40 ng/u1

response 414343

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.39#
80.00	12.70	7.72#
0.00	0.00	0.00

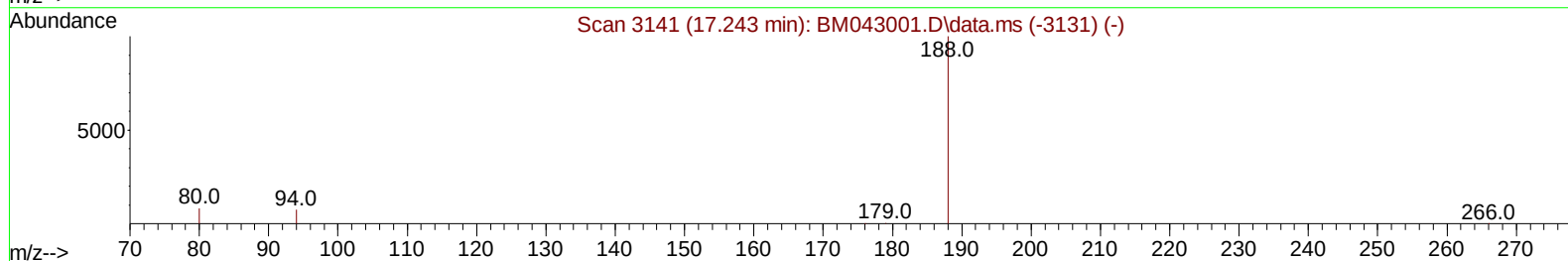
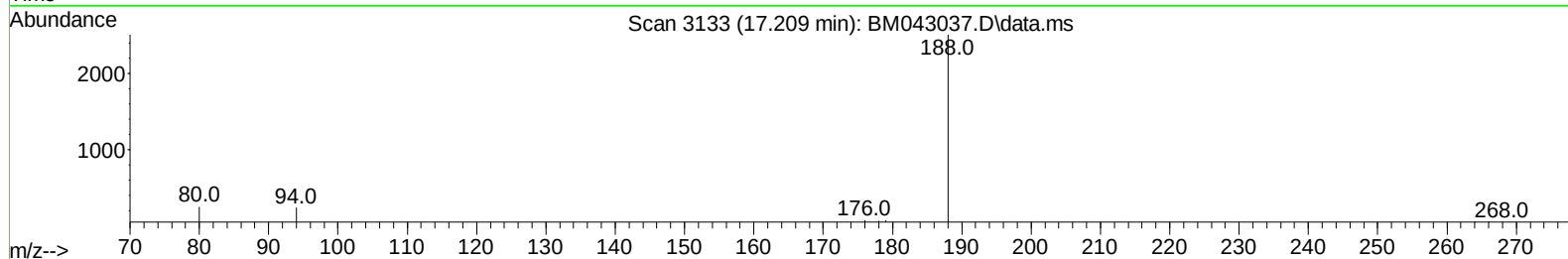
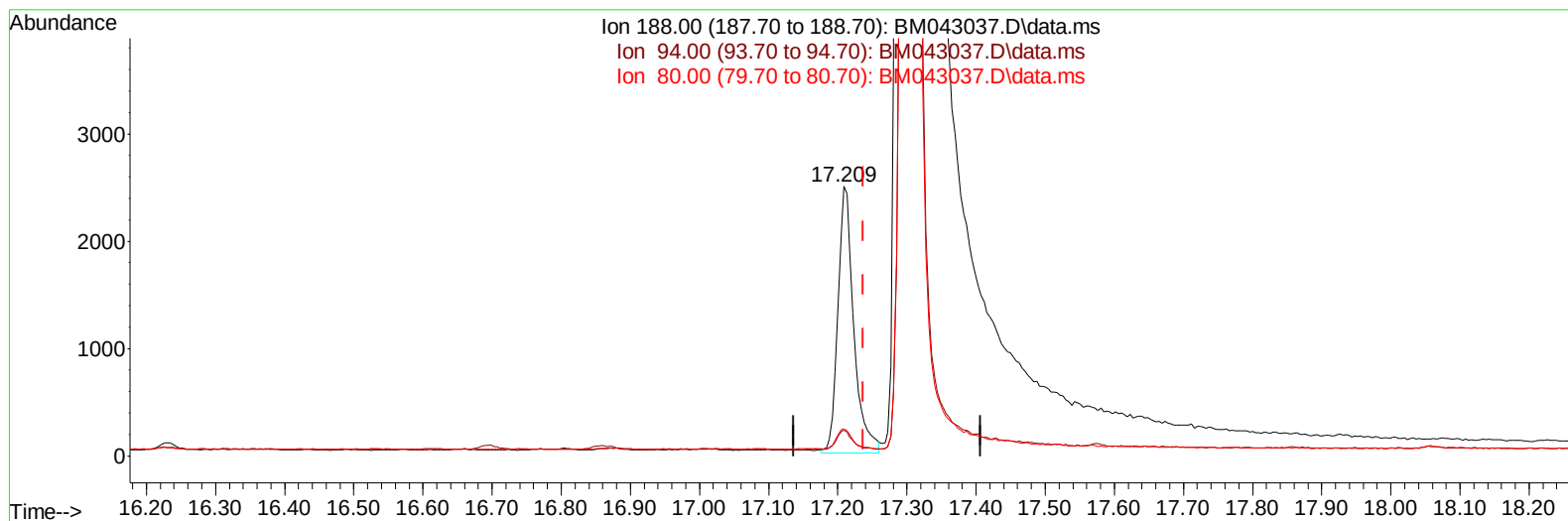
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:46:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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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: BM043037.D\data.ms

(13) Phenanthrene-d10 (I)

17.209min (-0.028) 0.40 ng/ul m

response 3980

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.52
80.00	12.70	10.16#
0.00	0.00	0.00

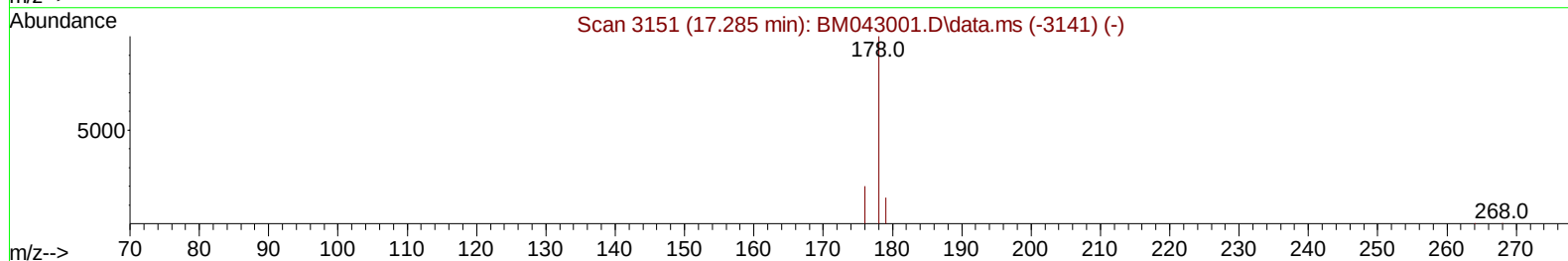
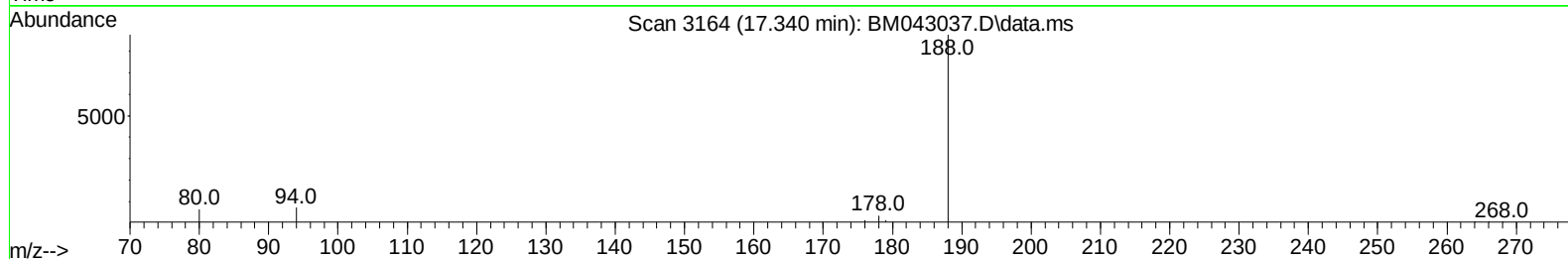
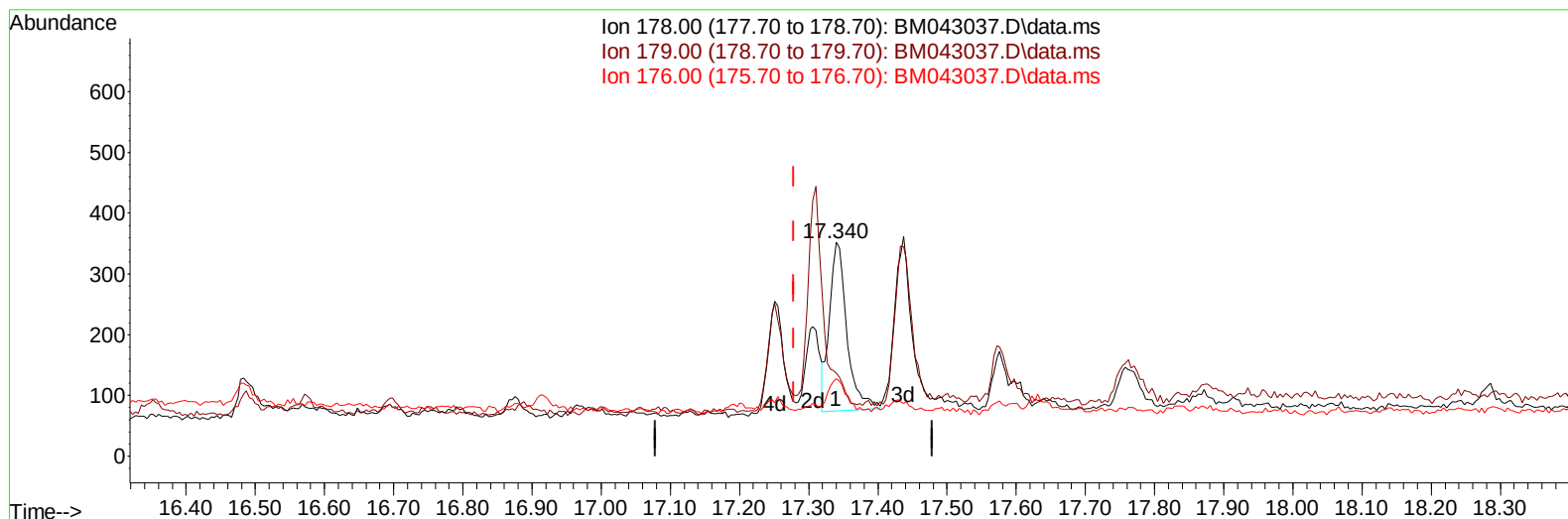
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043037.D
 Acq On : 26 Nov 2023 04:56
 Operator : MA/JU
 Sample : 05336-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD7

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043037.D\data.ms

(15) Phenanthrene

17.340min (+ 0.061) 0.04 ng/u1

response 488

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	38.92#
176.00	23.60	36.36#
0.00	0.00	0.00

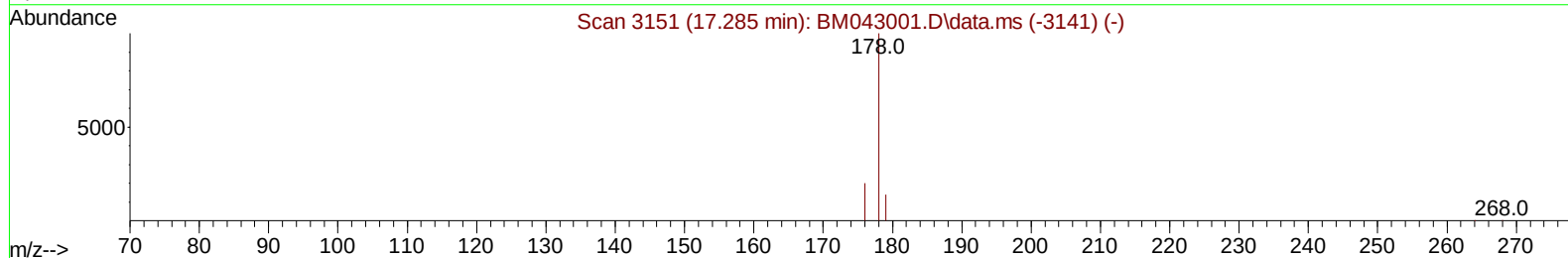
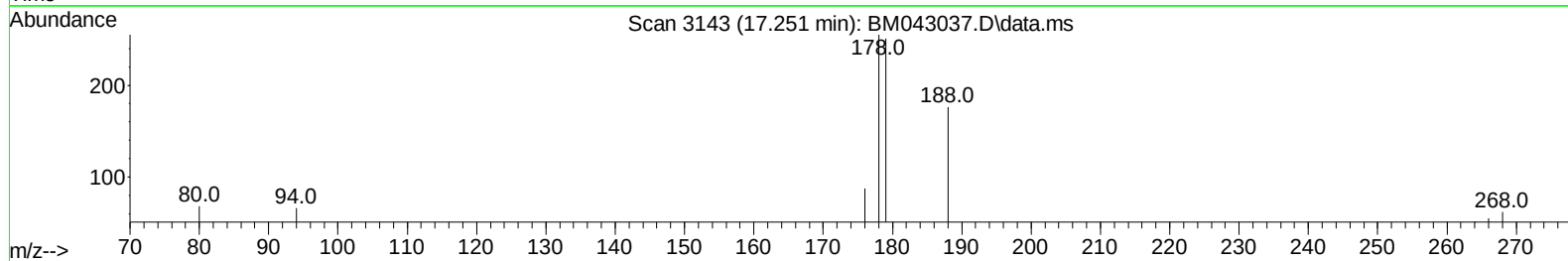
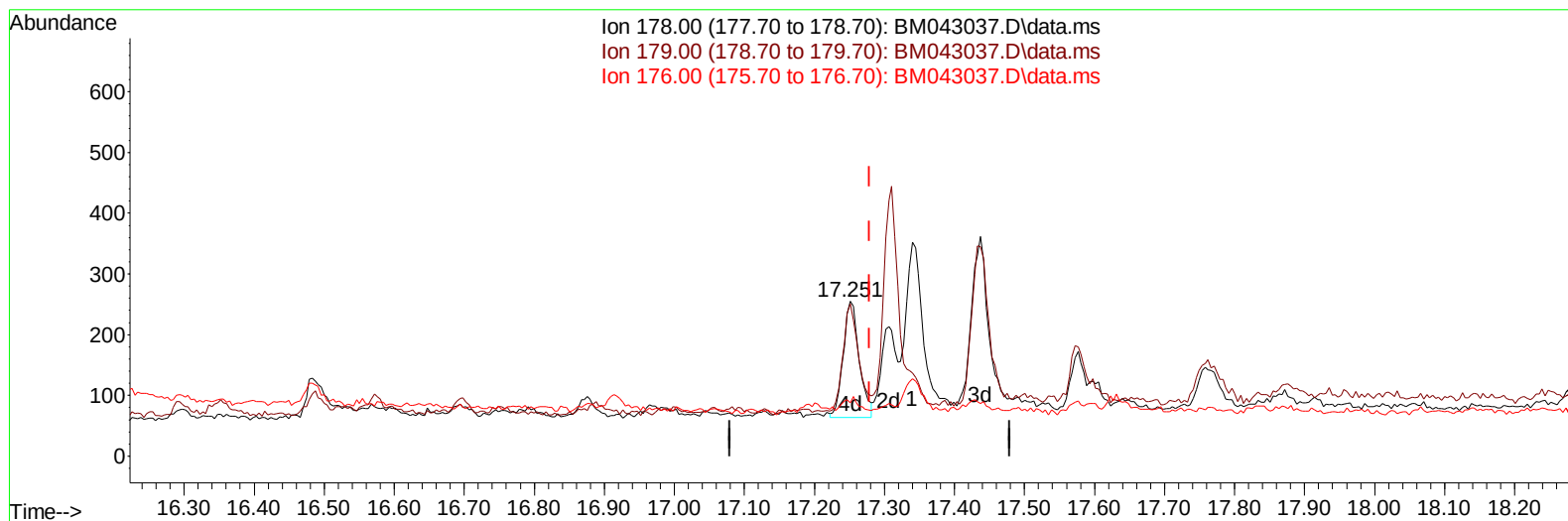
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043037.D
 Acq On : 26 Nov 2023 04:56
 Operator : MA/JU
 Sample : 05336-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD7

Manual IntegrationsAPPROVED

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 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: BM043037.D\data.ms

(15) Phenanthrene

17.251min (-0.028) 0.03 ng/ul m

response 304

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	98.43#
176.00	23.60	34.51#
0.00	0.00	0.00

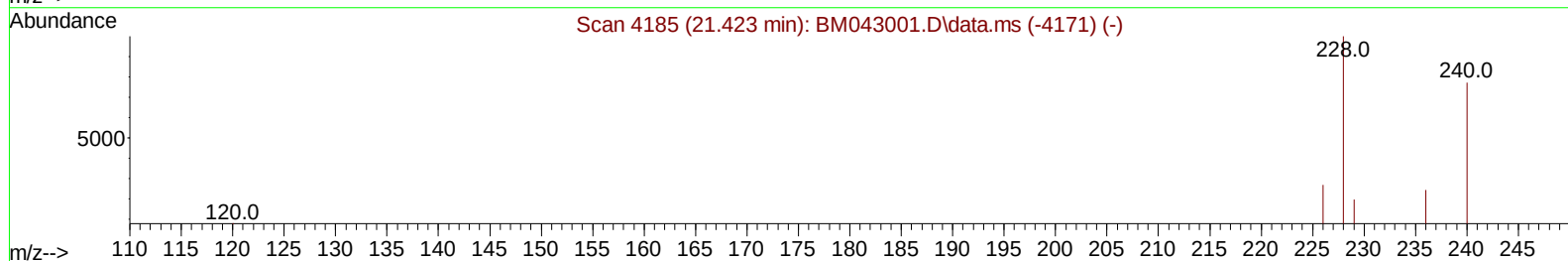
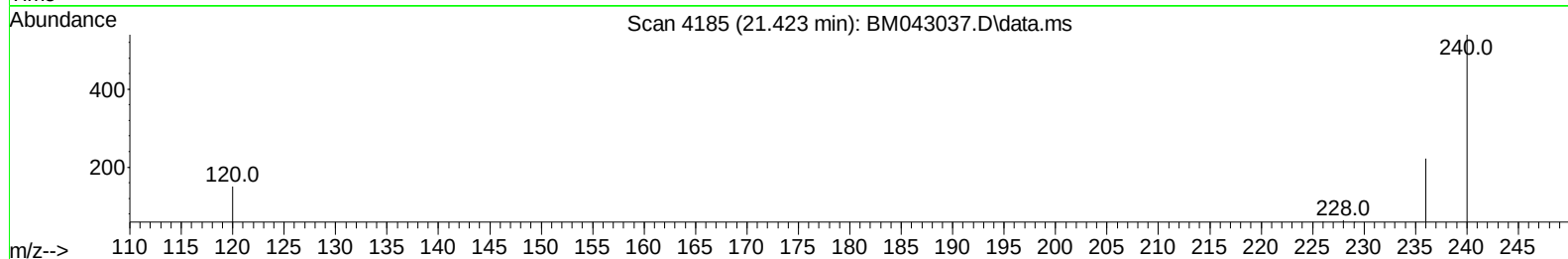
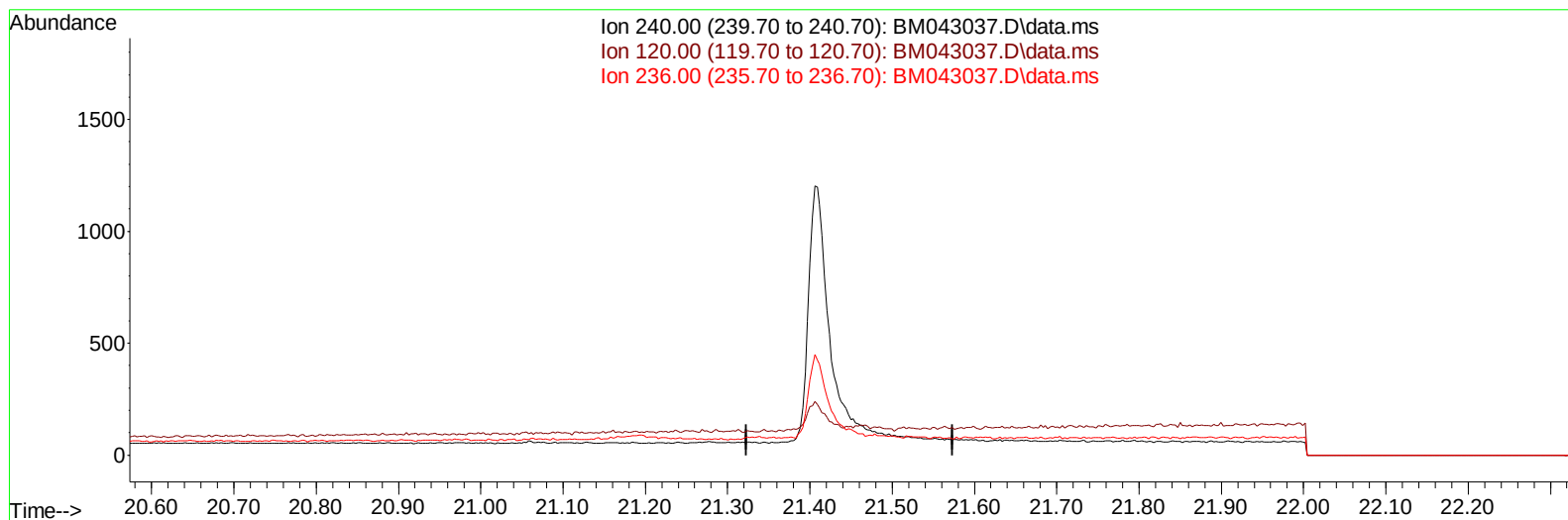
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043037.D
 Acq On : 26 Nov 2023 04:56
 Operator : MA/JU
 Sample : 05336-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD7

Manual IntegrationsAPPROVED

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TIC: BM043037.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

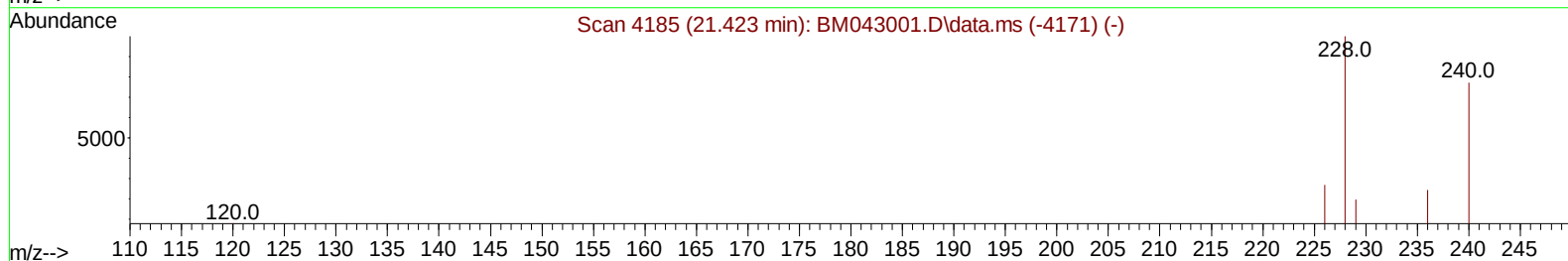
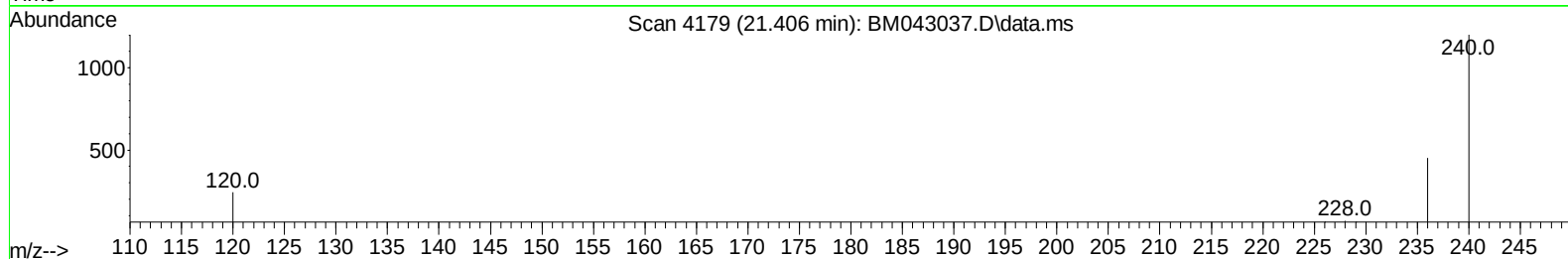
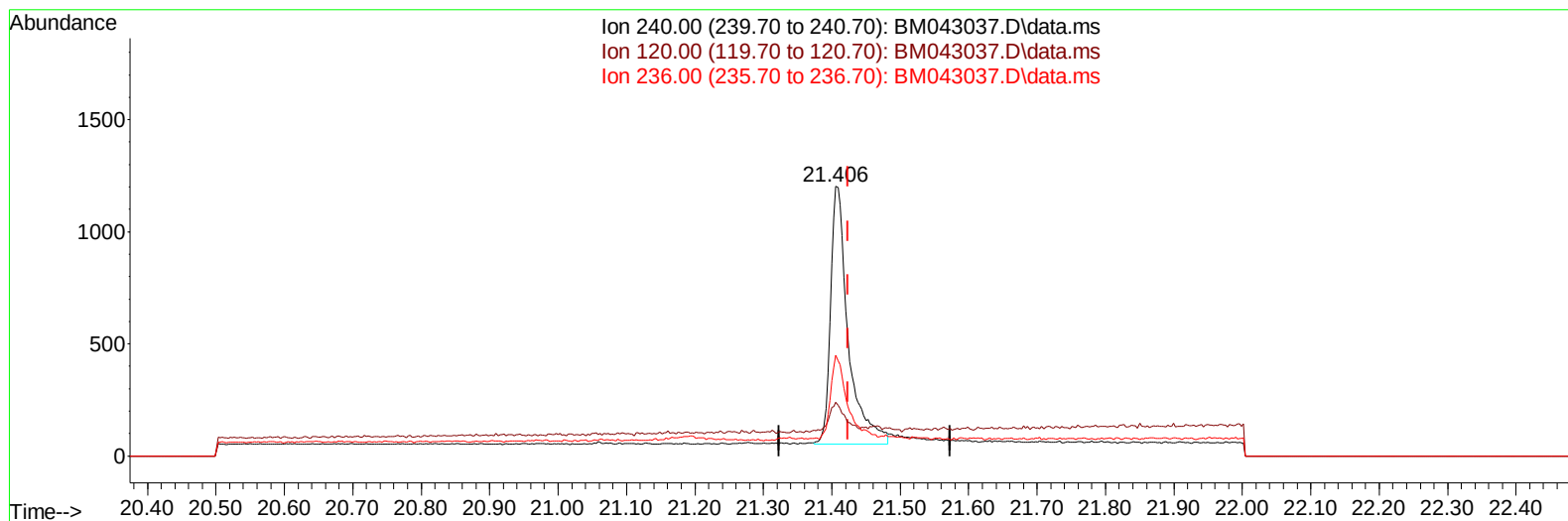
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043037.D
Acq On : 26 Nov 2023 04:56
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Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM043037.D\data.ms

(17) Chrysene-d12

21.406min (-0.018) 0.40 ng/ul m

response 2068

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	20.05
236.00	38.50	37.44
0.00	0.00	0.00

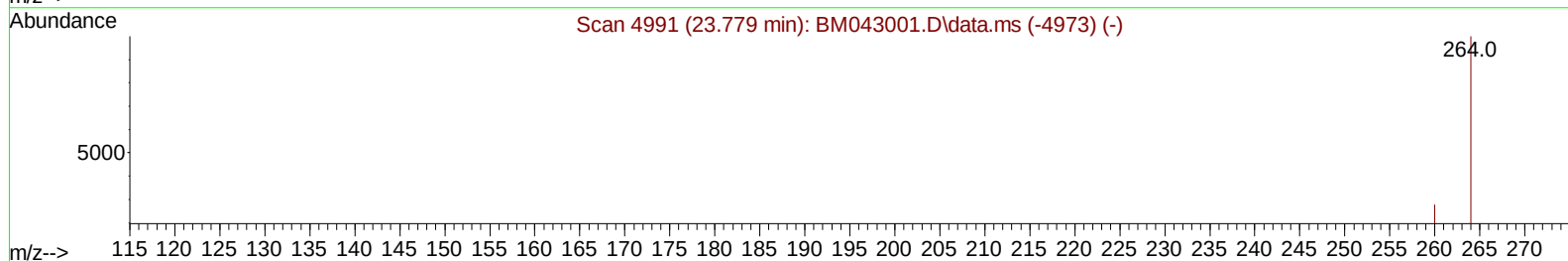
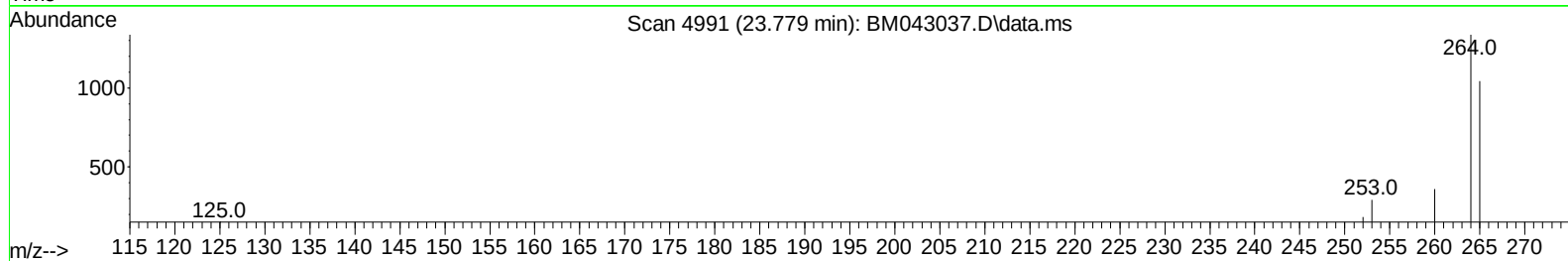
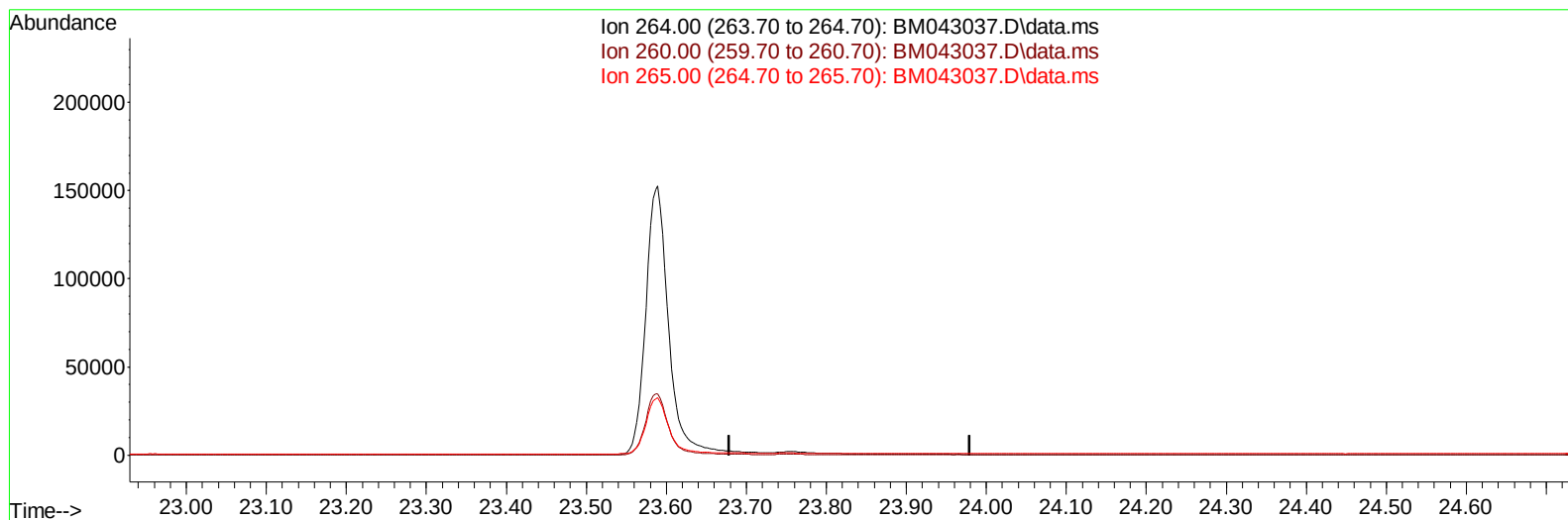
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043037.D
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 Operator : MA/JU
 Sample : 05336-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043037.D\data.ms

(23) Perylene-d12 (I)

23.779min (-23.779) 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

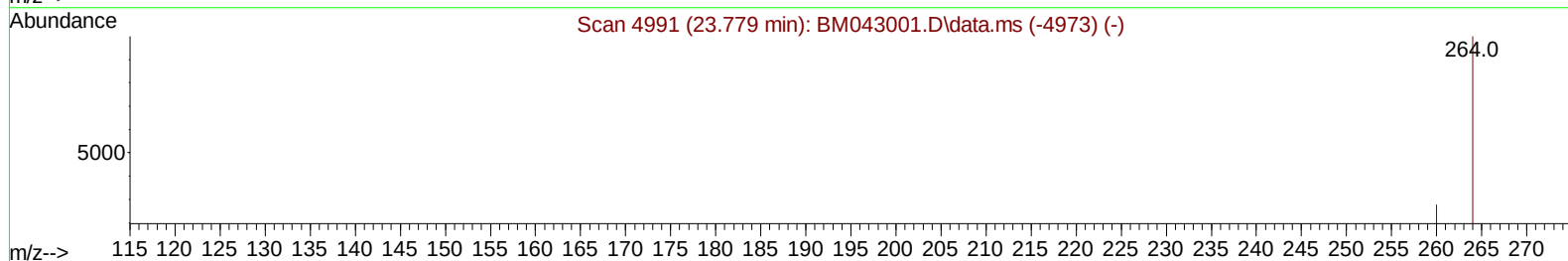
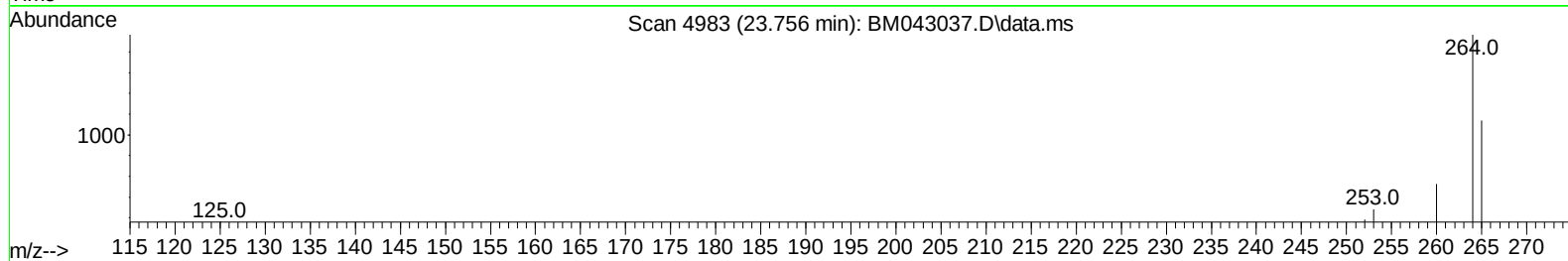
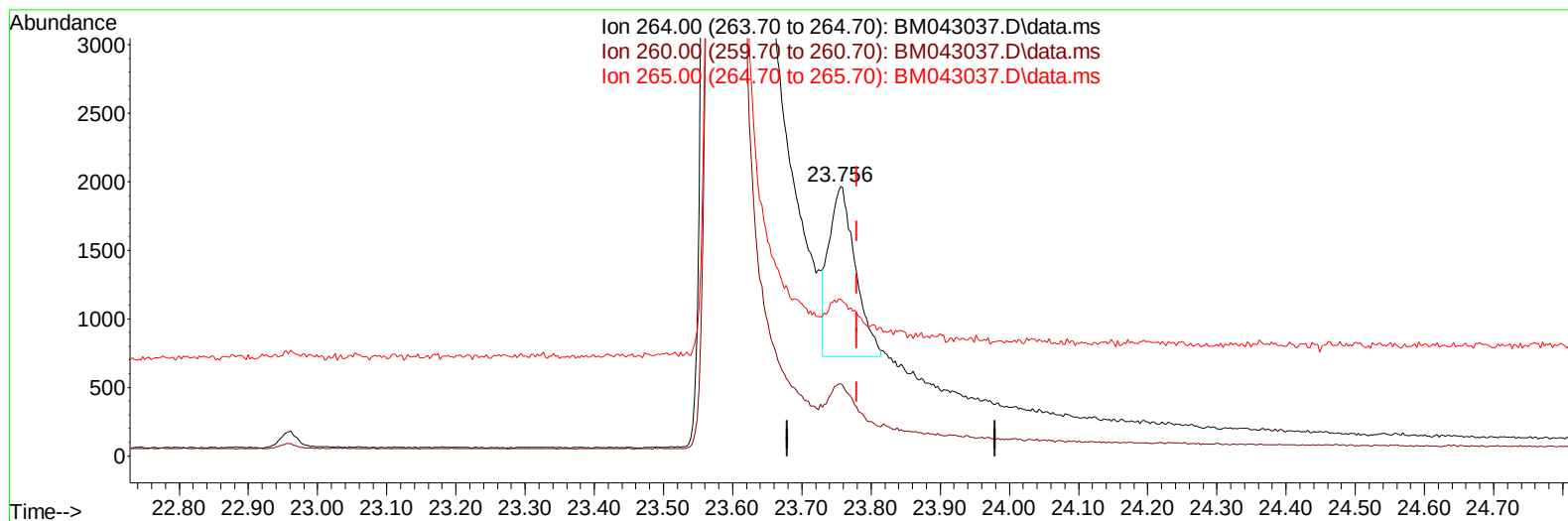
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043037.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul m

response 3299

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.75#
265.00	120.30	58.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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 Misc :
 ALS Vial : 62 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.813	152		951m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136		2838	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164		2086m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.209	188		3980m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240		2068m	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264		3299m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.160	96		5585	3.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.224	152		1318	0.347	ng/ul	-0.03
18) Fluoranthene-d10	19.239	212		3697	0.491	ng/ul	-0.02
Target Compounds							Qvalue
11) Acenaphthene	14.516	153		738	0.091	ng/ul	98
14) Pentachlorophenol	16.859	266		1091	1.013	ng/ul	99
15) Phenanthrene	17.251	178		304m	0.027	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:46:09 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

