

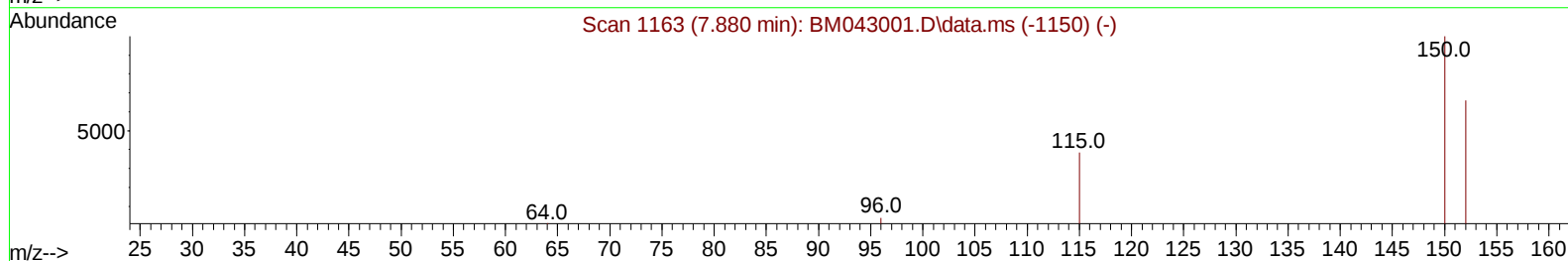
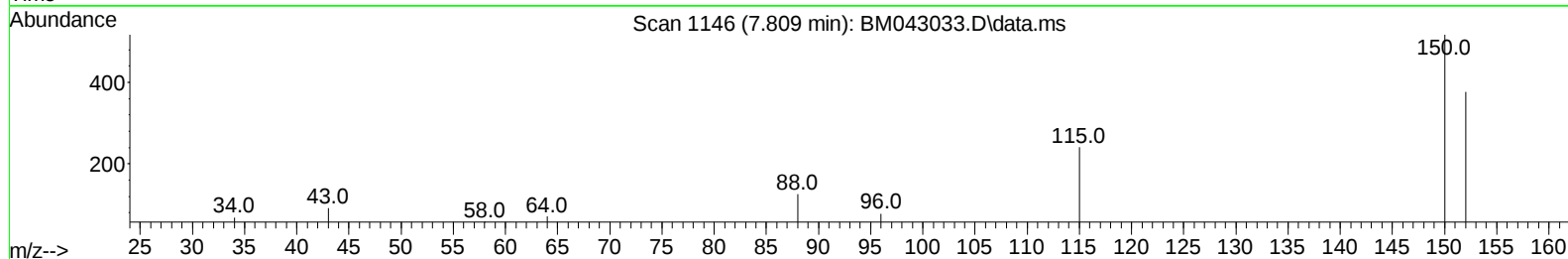
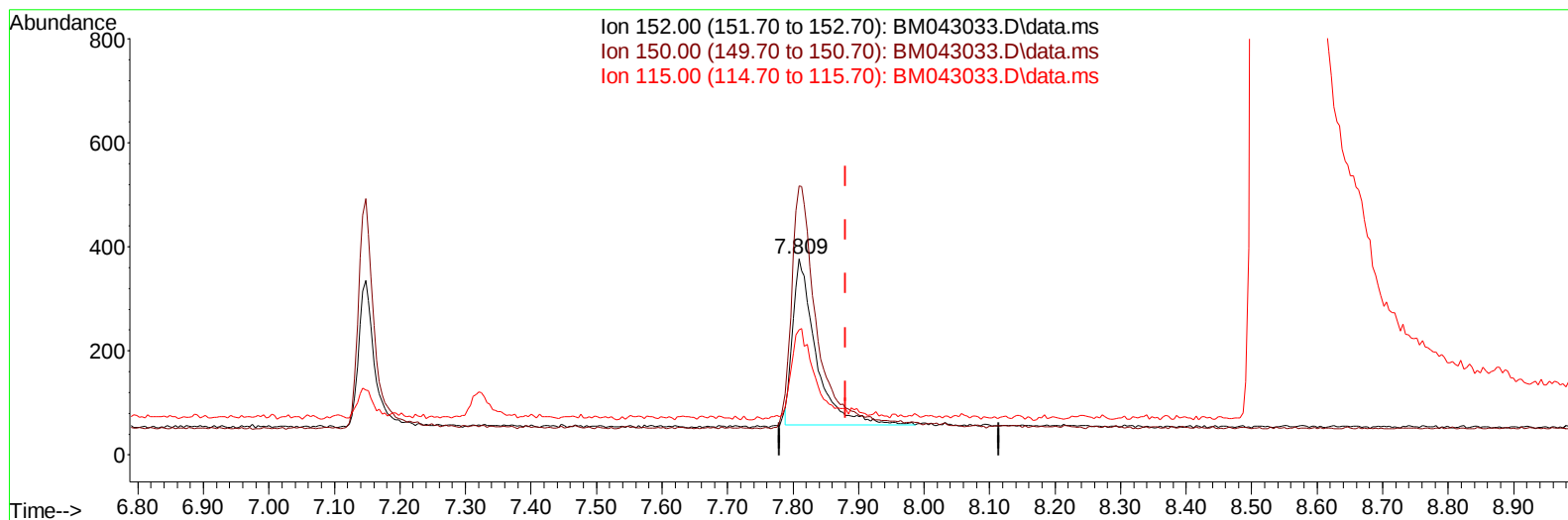
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

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

Quant Time: Nov 27 02:45:46 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: BM043033.D\data.ms

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

7.809min (-0.071) 0.40 ng/u1

response 782

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	137.14
115.00	89.60	63.93#
0.00	0.00	0.00

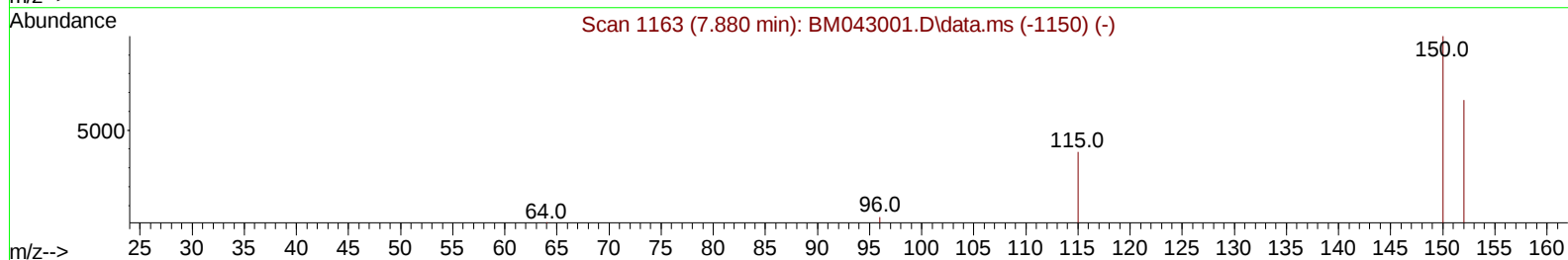
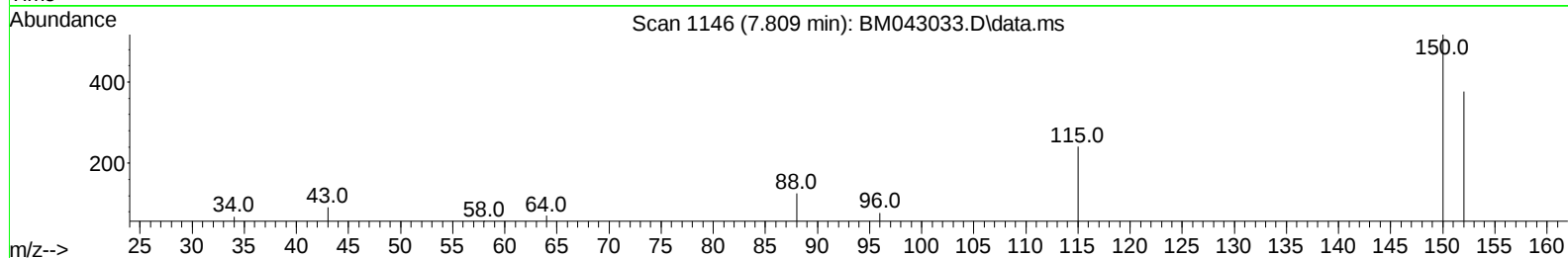
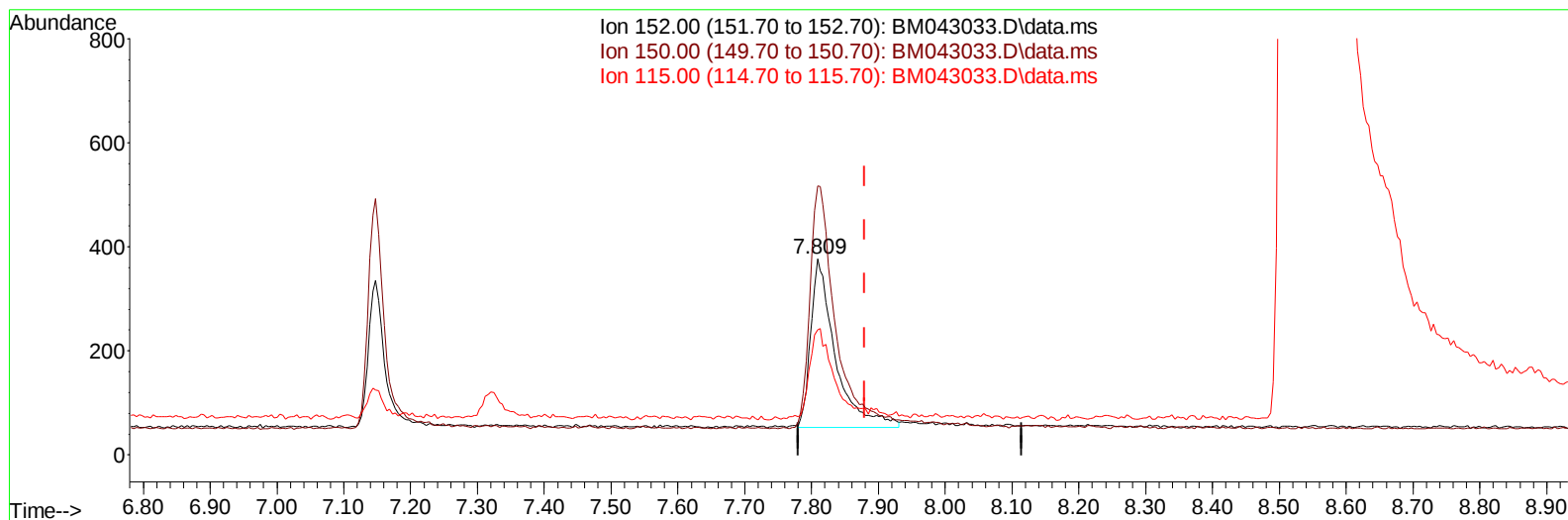
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 828

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	137.14
115.00	89.60	63.93#
0.00	0.00	0.00

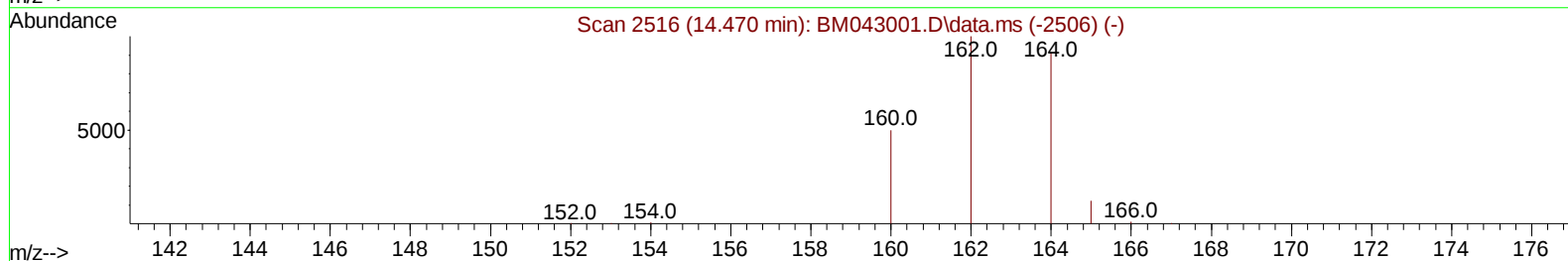
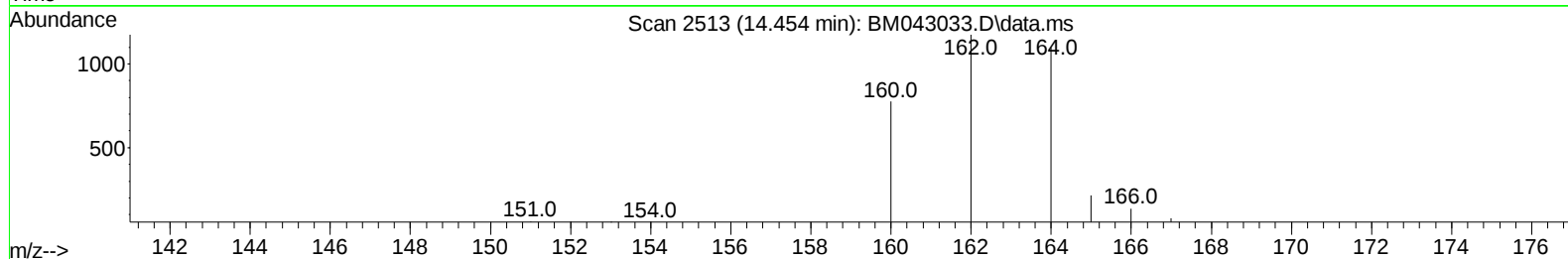
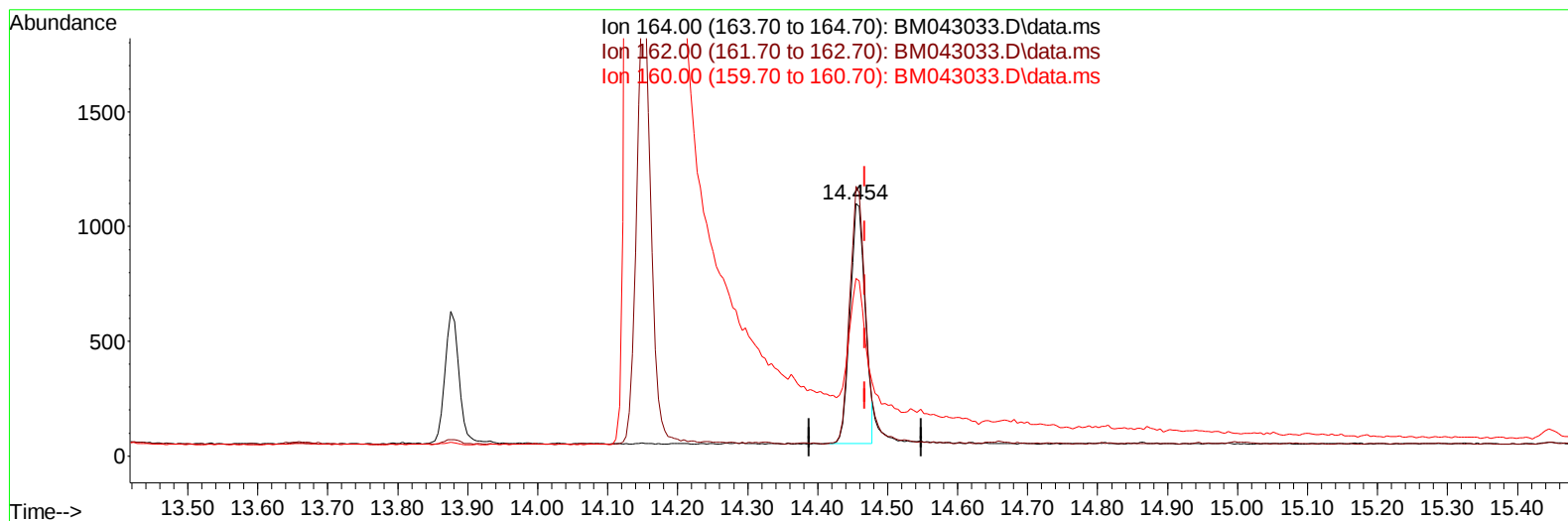
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/u1

response 1563

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.73
160.00	57.20	70.45#
0.00	0.00	0.00

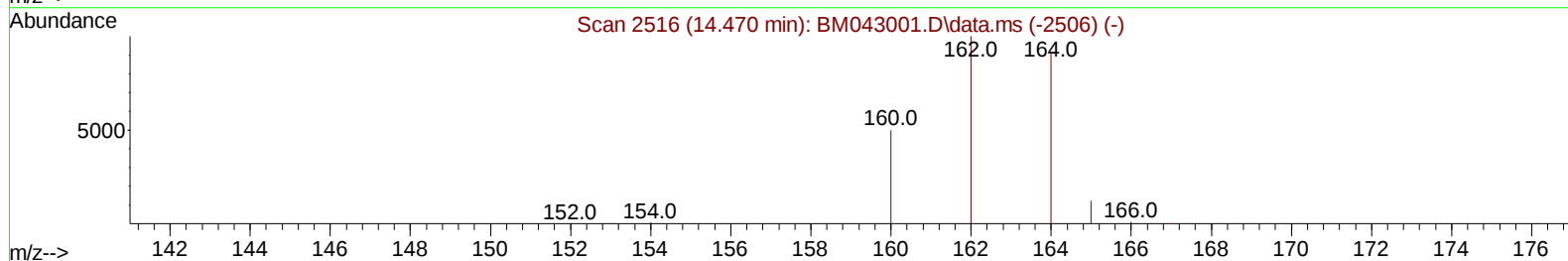
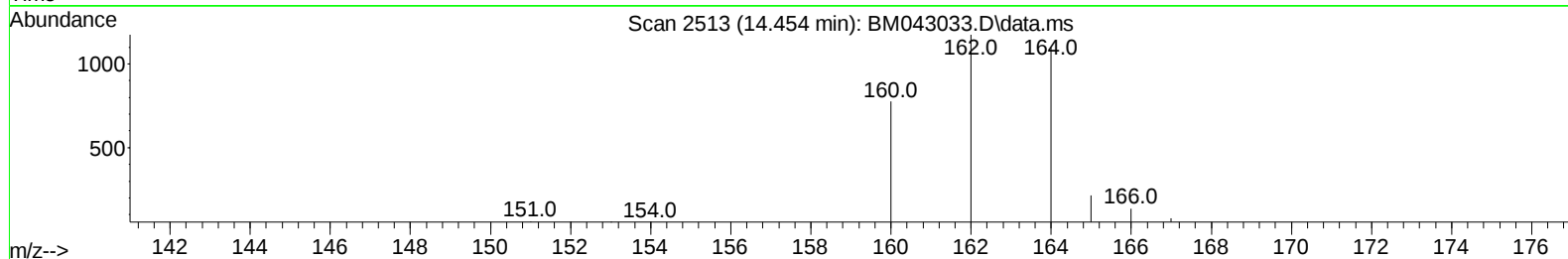
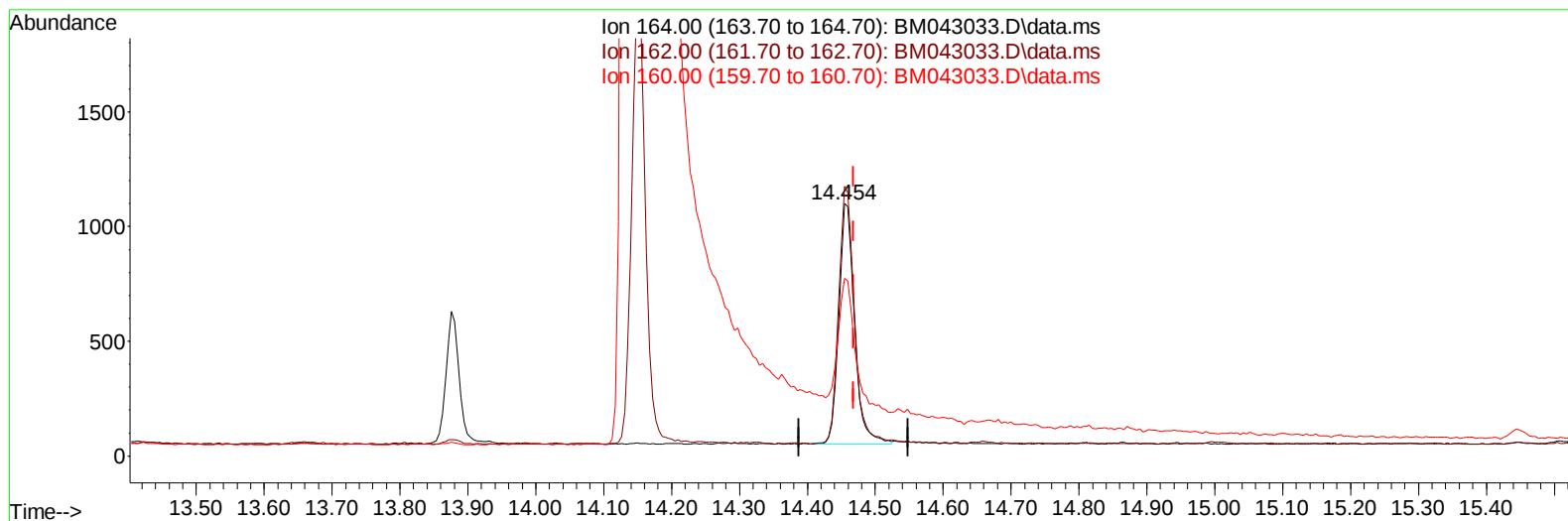
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:46 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/ul m

response 1688

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.73
160.00	57.20	70.45#
0.00	0.00	0.00

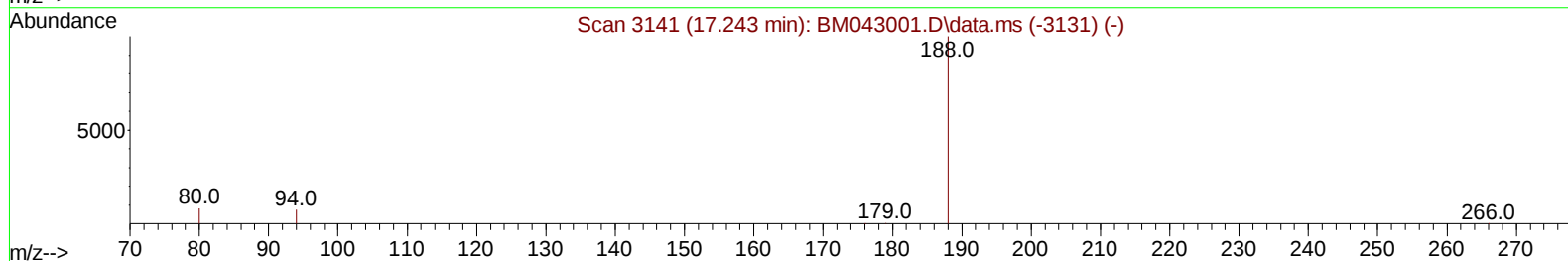
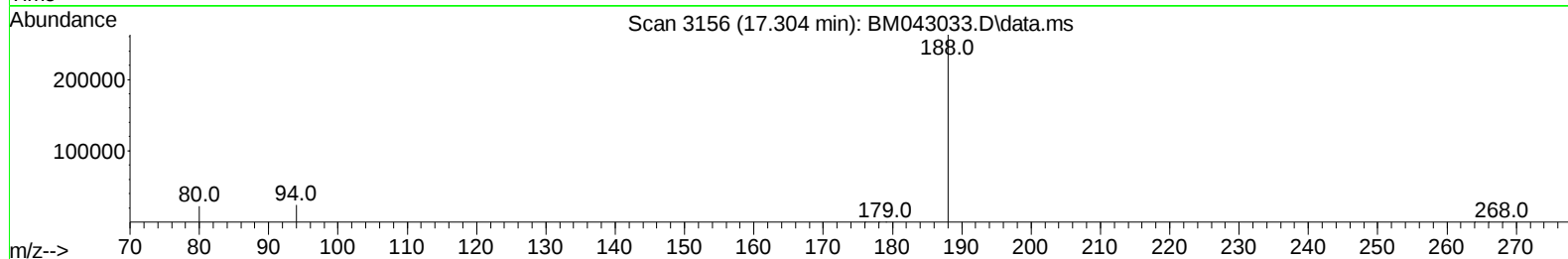
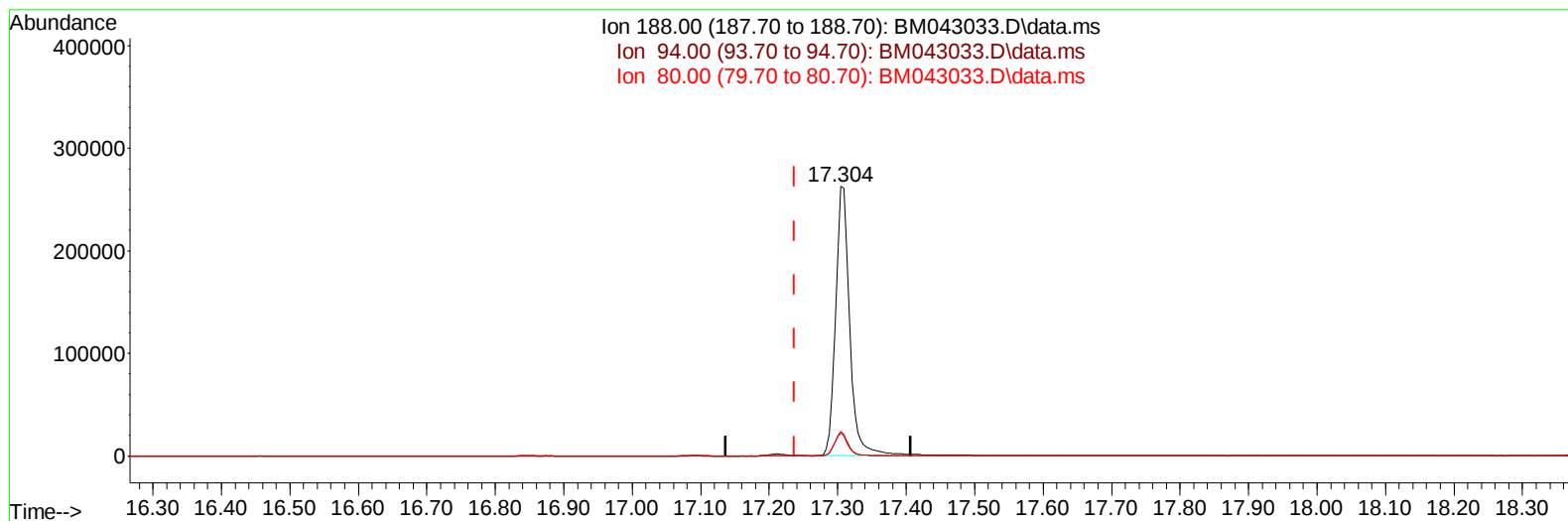
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

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TIC: BM043033.D\data.ms

(13) Phenanthrene-d10 (I)

17.304min (+ 0.068) 0.40 ng/u1

response 374226

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.07#
80.00	12.70	8.51#
0.00	0.00	0.00

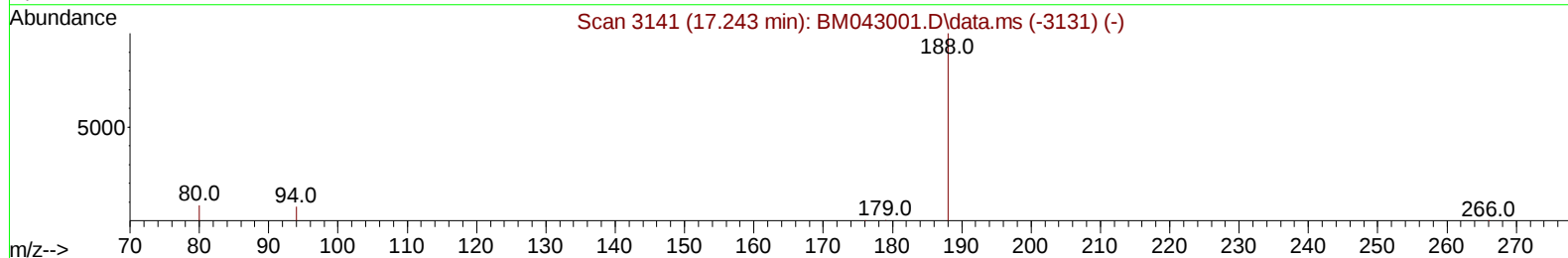
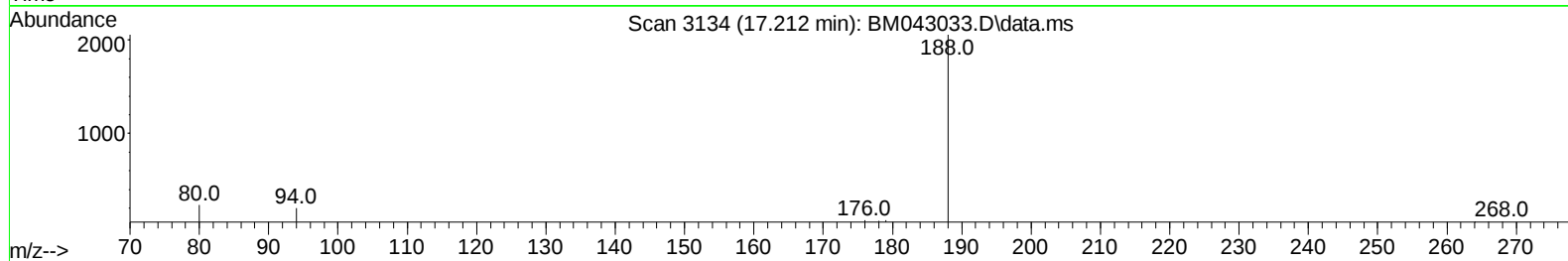
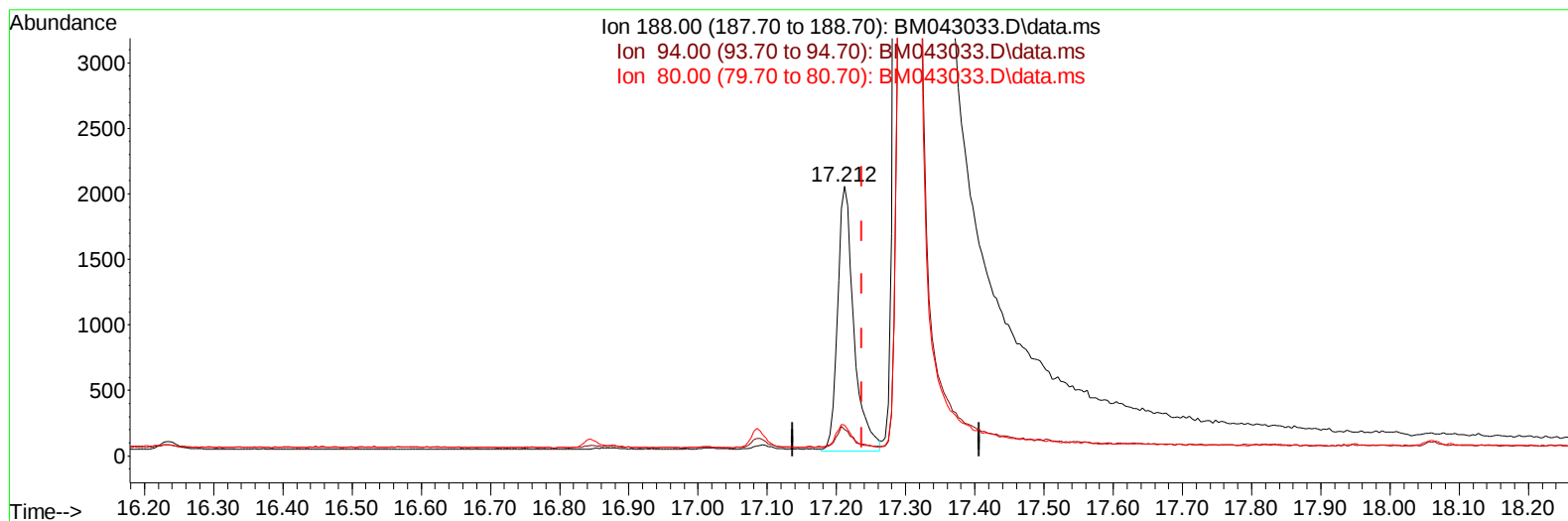
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Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:46 2023
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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: BM043033.D\data.ms

(13) Phenanthrene-d10 (I)

17.212min (-0.025) 0.40 ng/ul m

response 3284

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.73
80.00	12.70	11.33
0.00	0.00	0.00

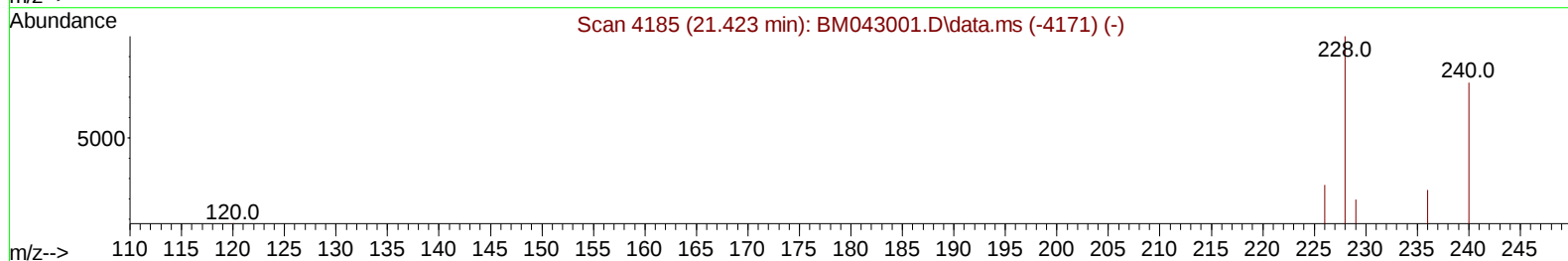
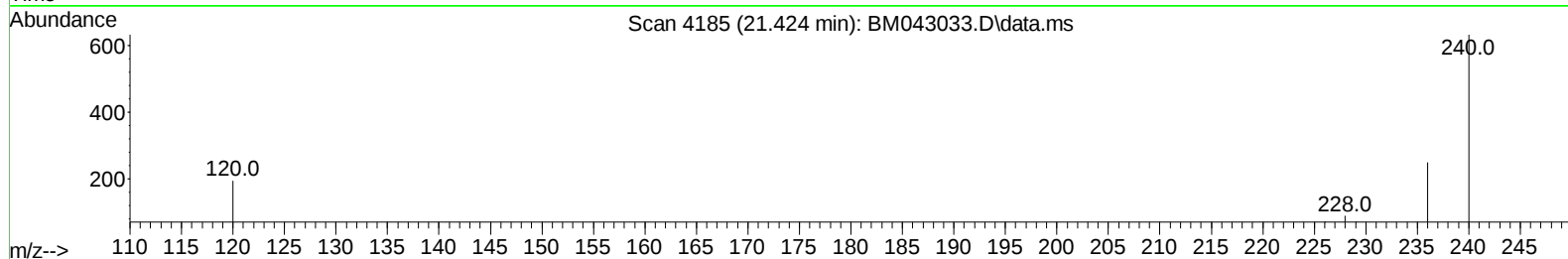
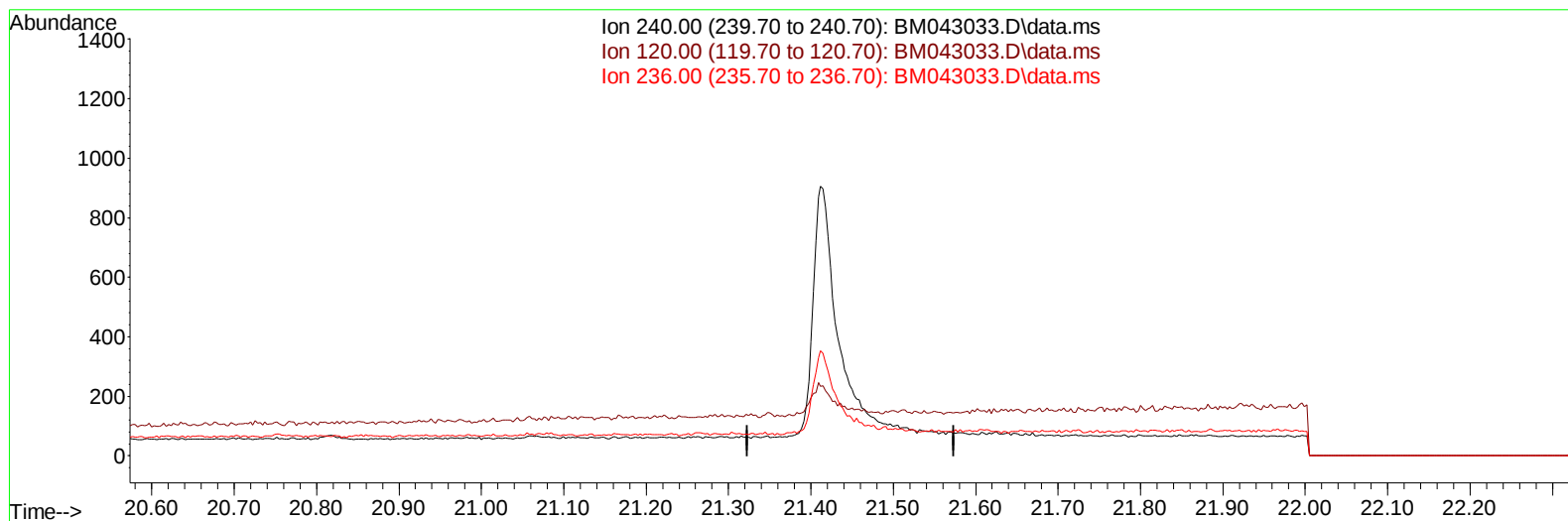
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

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



TIC: BM043033.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

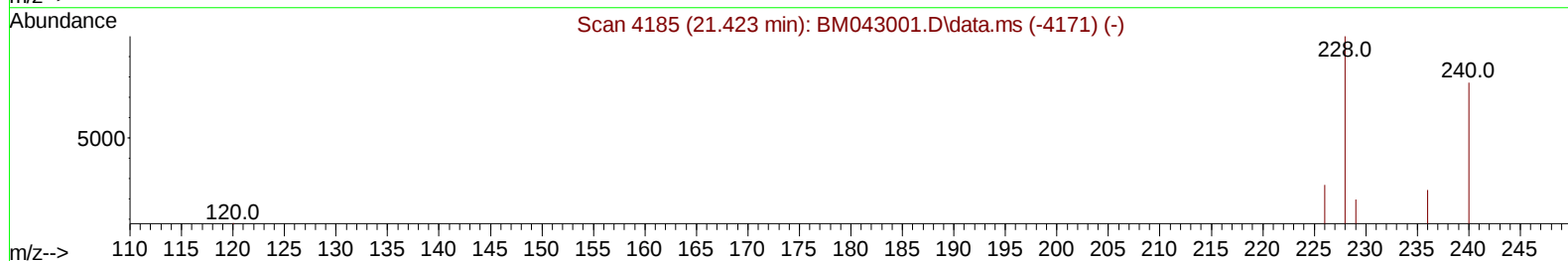
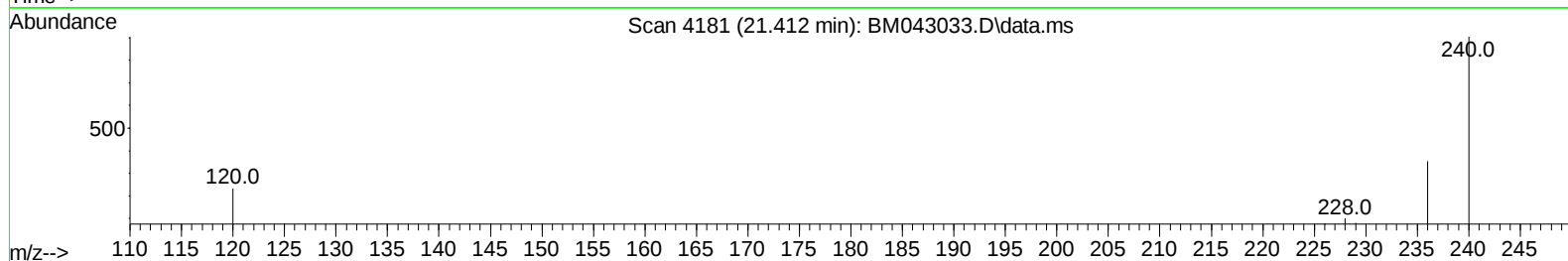
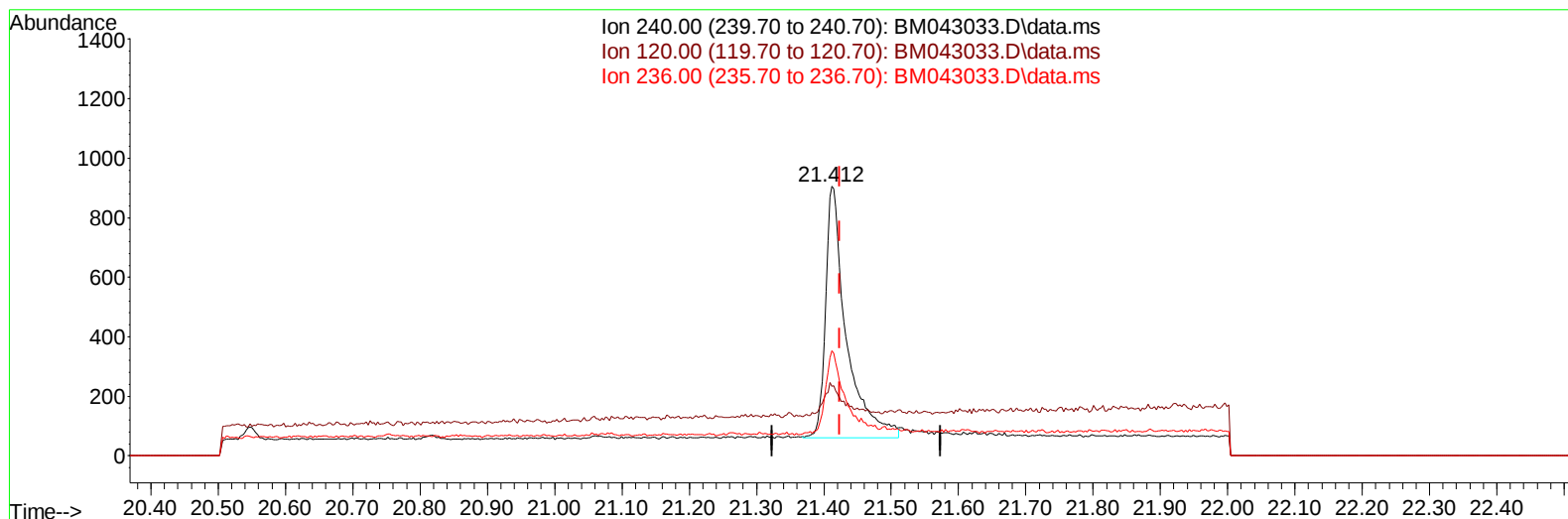
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043033.D
Acq On : 26 Nov 2023 02:30
Operator : MA/JU
Sample : 05264-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKS7

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:46 2023
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.D\data.ms

(17) Chrysene-d12

21.412min (-0.012) 0.40 ng/ul m

response 1819

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	25.75
236.00	38.50	39.01
0.00	0.00	0.00

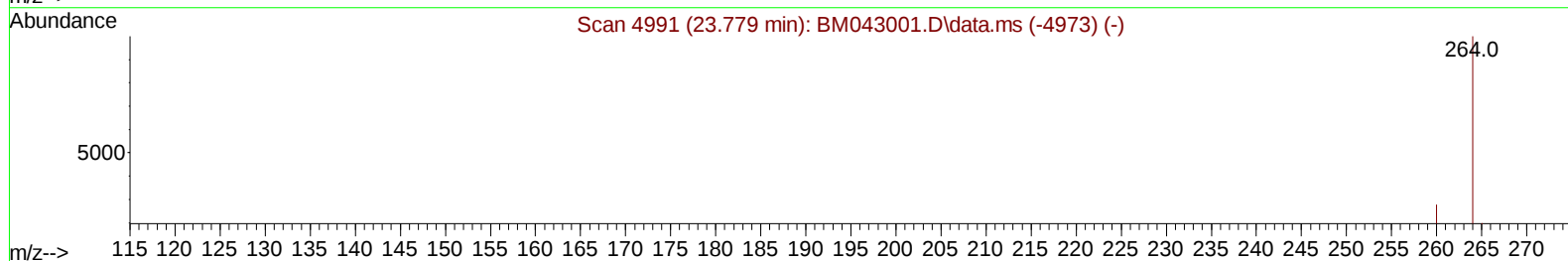
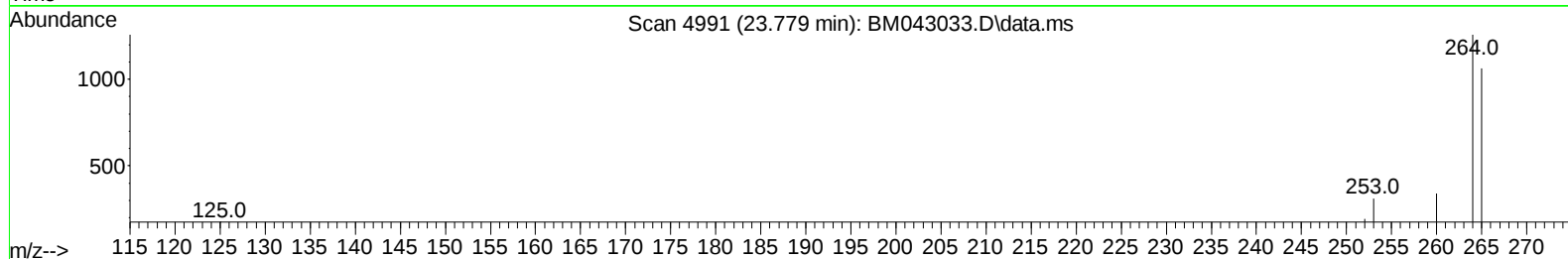
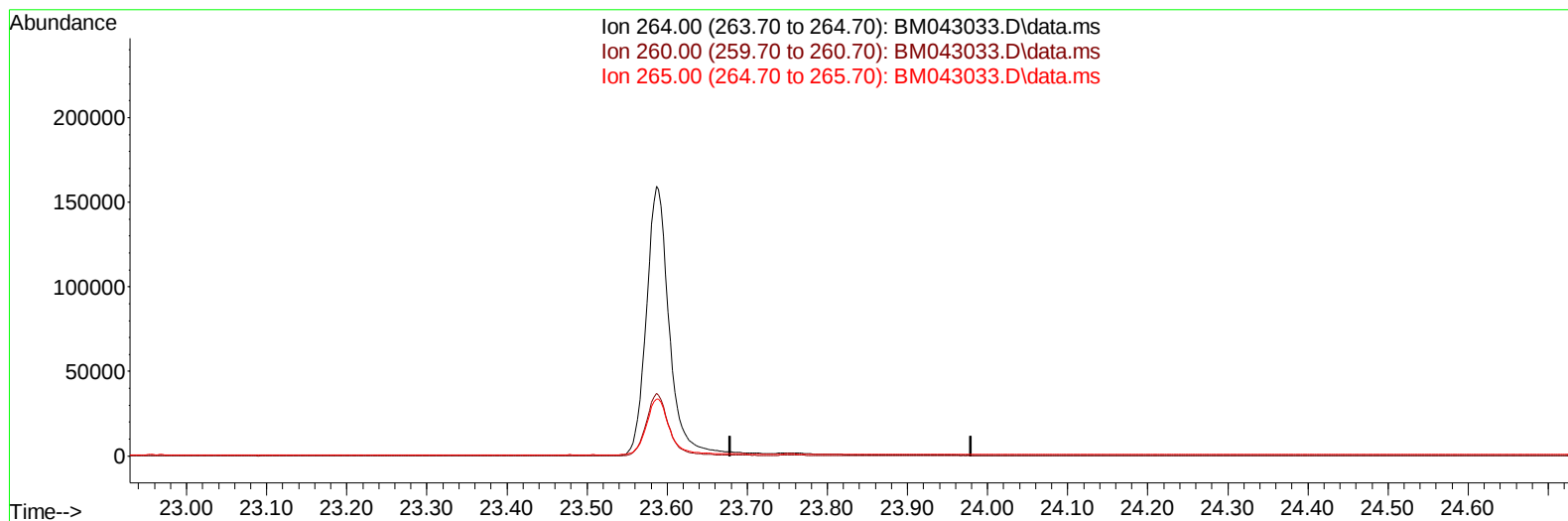
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 Operator : MA/JU
 Sample : 05264-16
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.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

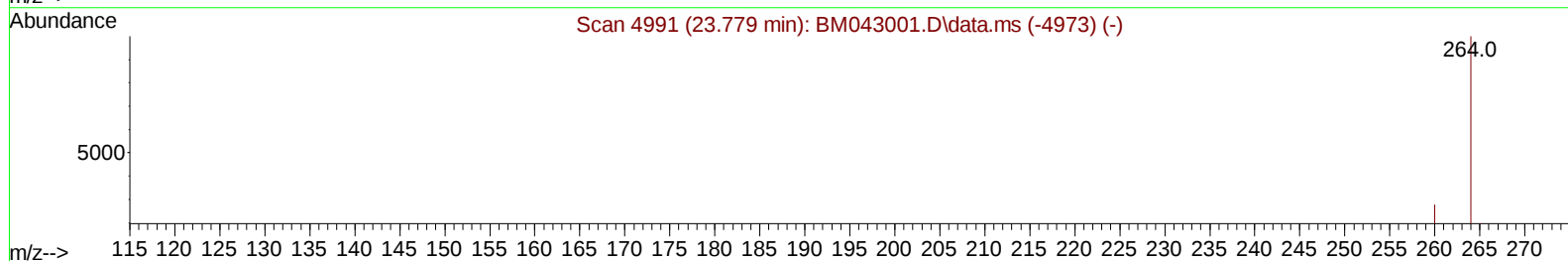
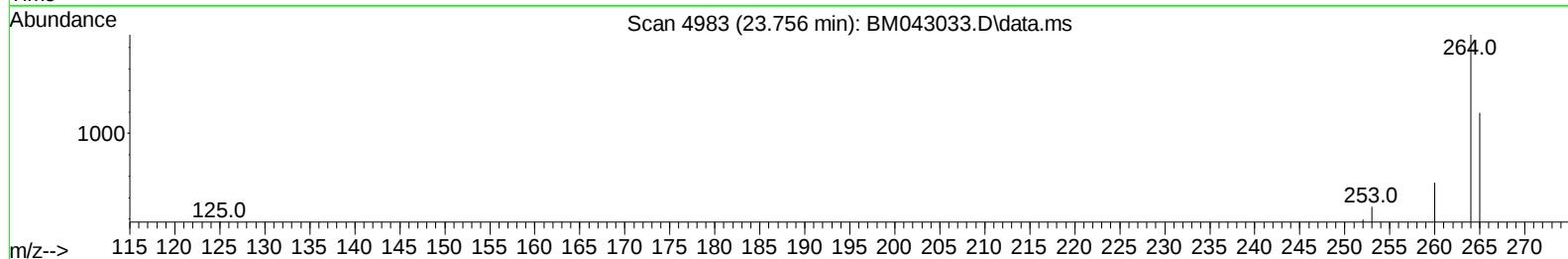
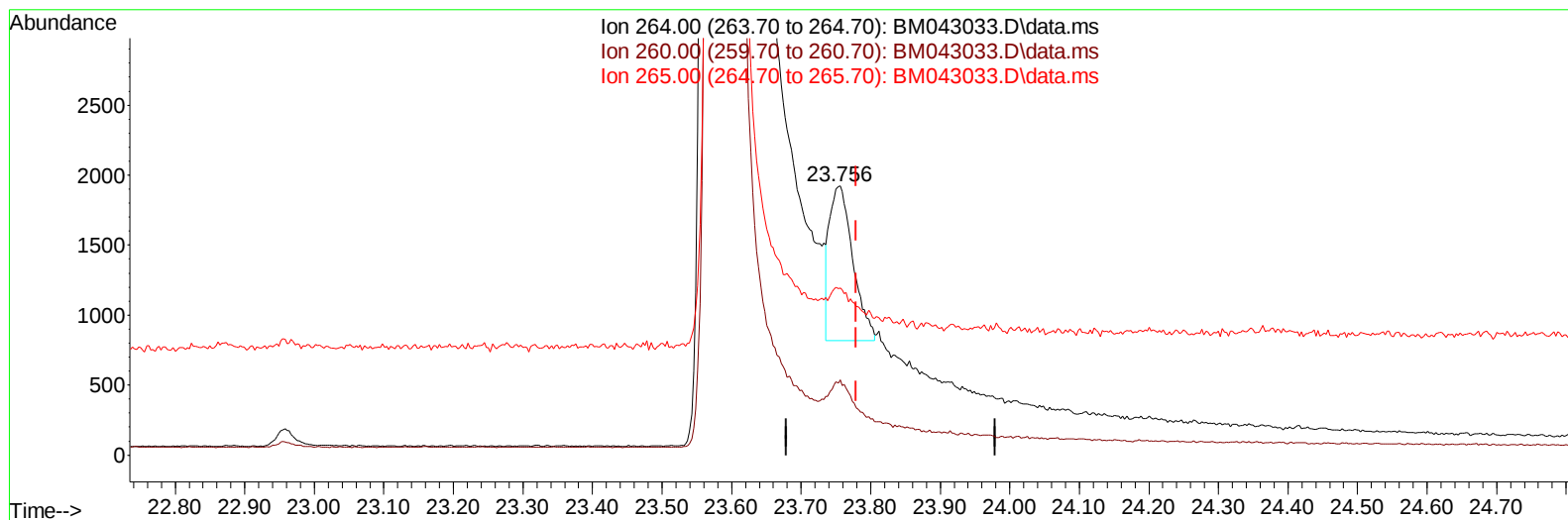
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043033.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul m

response 2560

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.95
265.00	120.30	62.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043033.D
 Acq On : 26 Nov 2023 02:30
 Operator : MA/JU
 Sample : 05264-16
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	828m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2564	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1688m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3284m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.412	240	1819m	0.400	ng/ul	-0.01
23) Perylene-d12	23.756	264	2560m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4164	3.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1403	0.409	ng/ul	-0.02
18) Fluoranthene-d10	19.242	212	3674	0.554	ng/ul	-0.02

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

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