

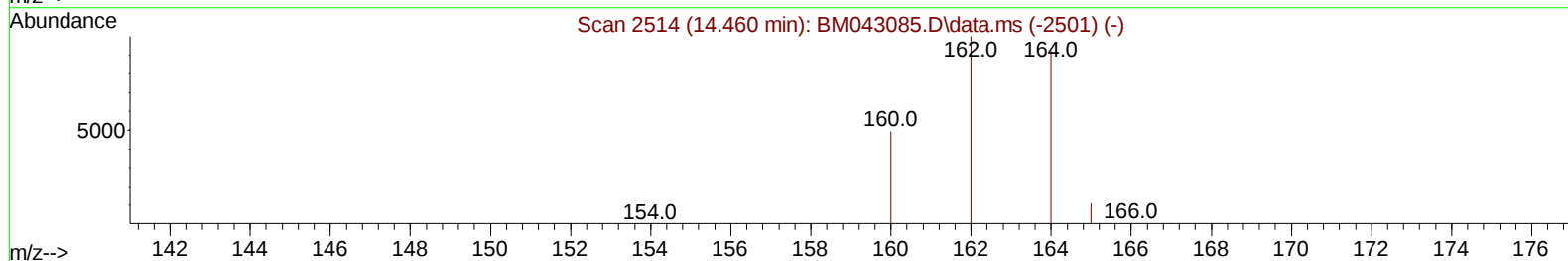
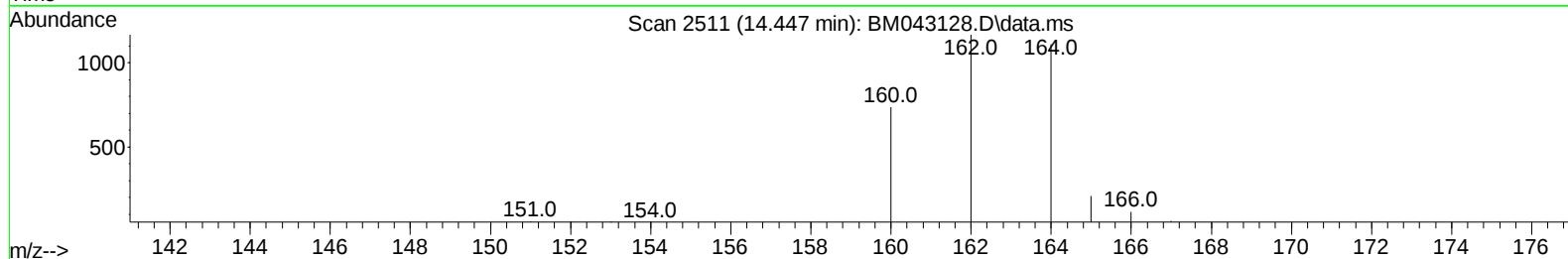
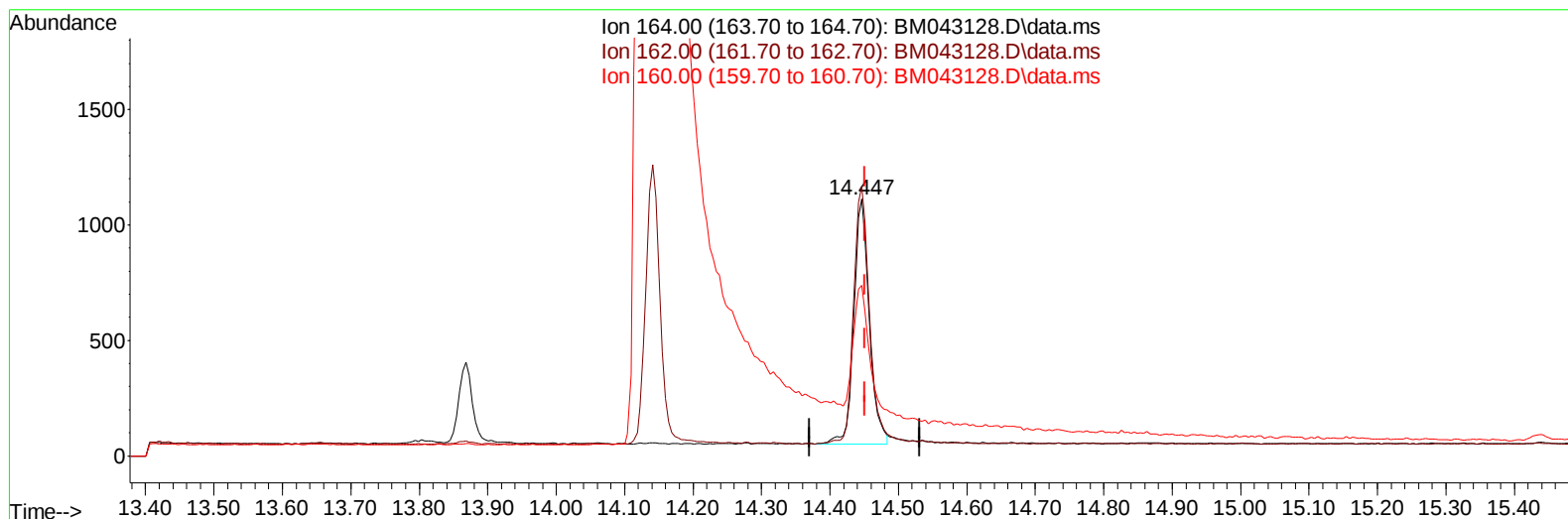
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:07:24 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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



TIC: BM043128.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.004) 0.40 ng/u1

response 1690

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.95
160.00	57.20	66.37
0.00	0.00	0.00

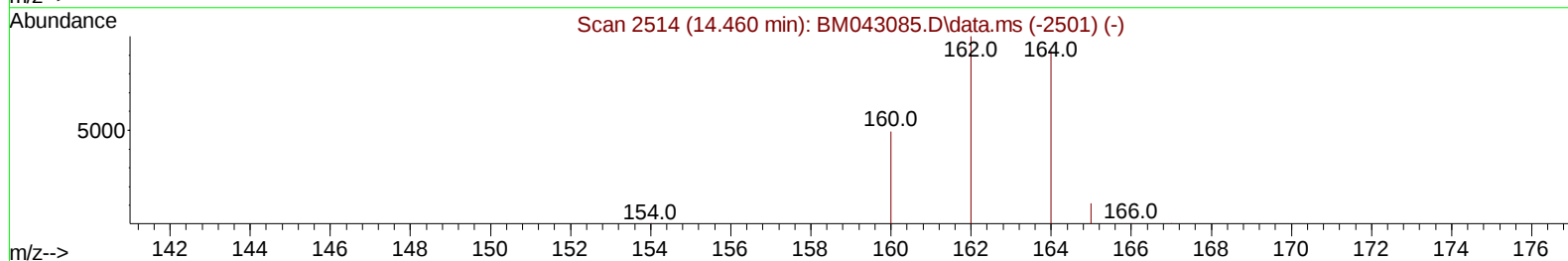
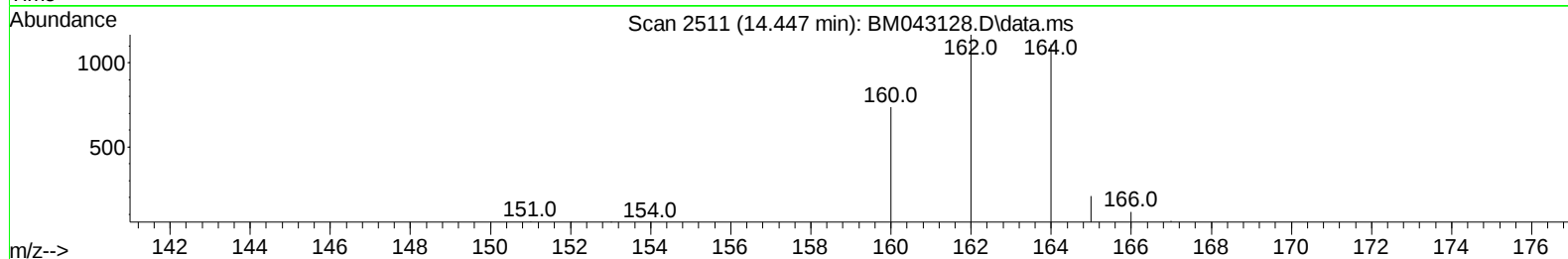
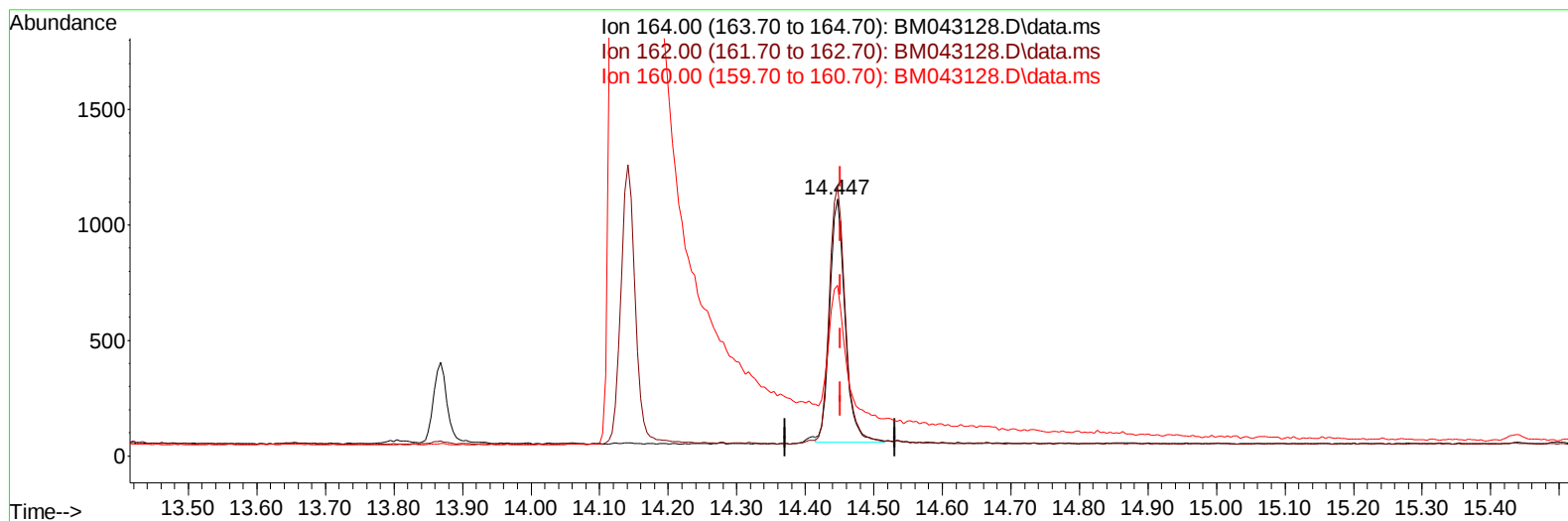
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043128.D
Acq On : 01 Dec 2023 18:32
Operator : MA/JU
Sample : 05439-20
Misc :
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Sat Dec 02 00:03:38 2023
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Supervised By :mohammad ahmed 12/04/2023



TIC: BM043128.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.004) 0.40 ng/ul m

response 1660

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.95
160.00	57.20	66.37
0.00	0.00	0.00

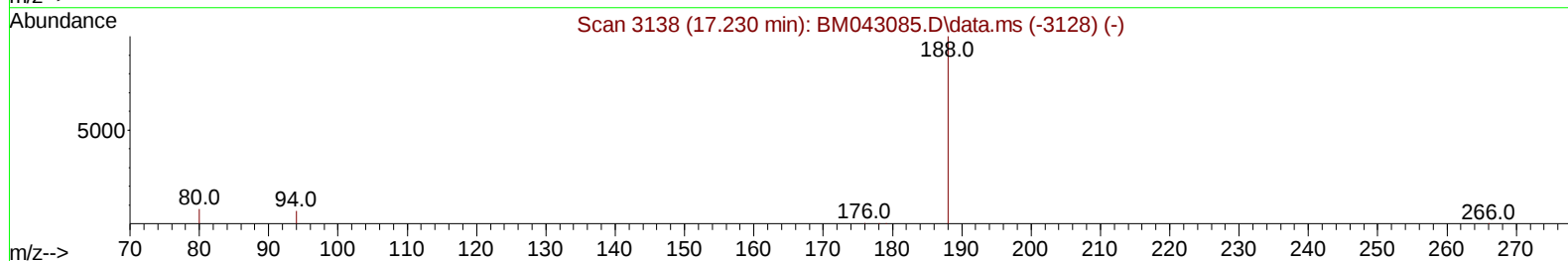
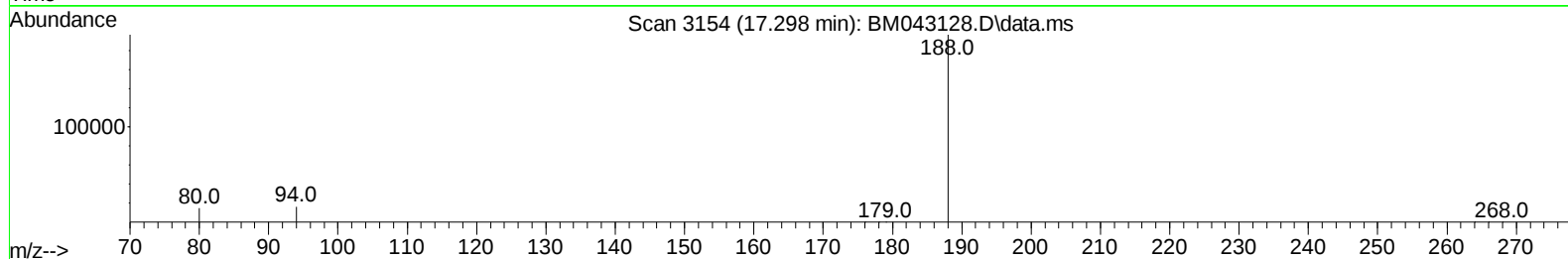
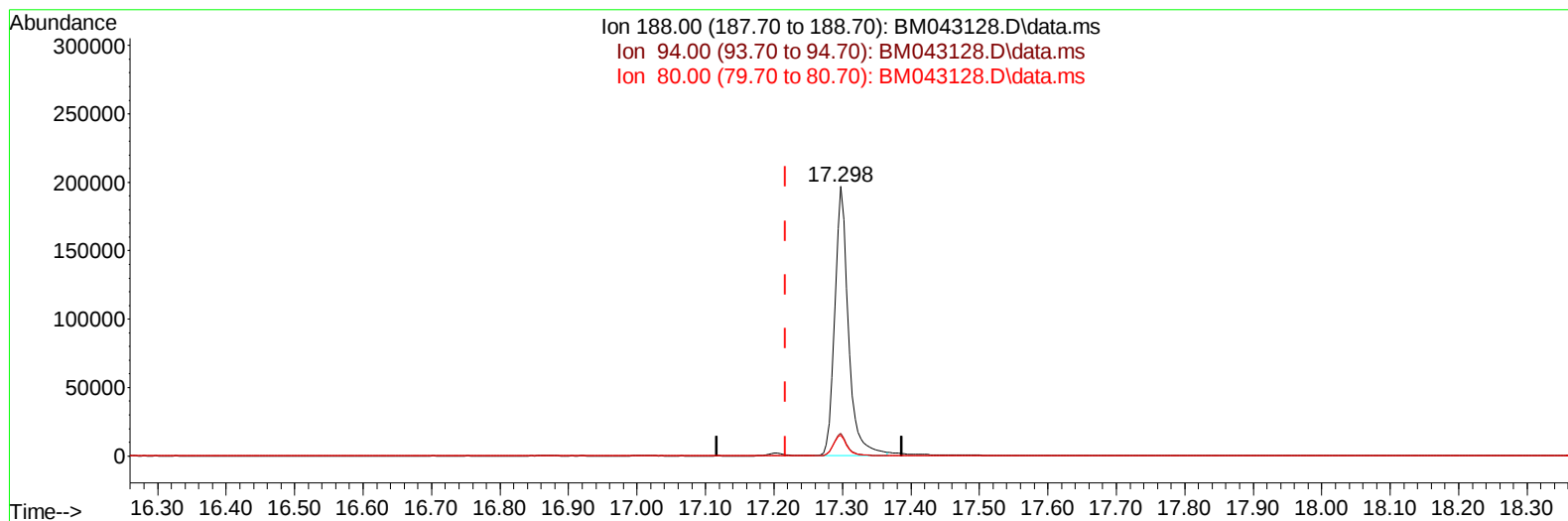
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
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 Operator : MA/JU
 Sample : 05439-20
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TIC: BM043128.D\data.ms

(13) Phenanthrene-d10 (I)

17.298min (+ 0.080) 0.40 ng/u1

response 273467

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.32#
80.00	12.70	7.59#
0.00	0.00	0.00

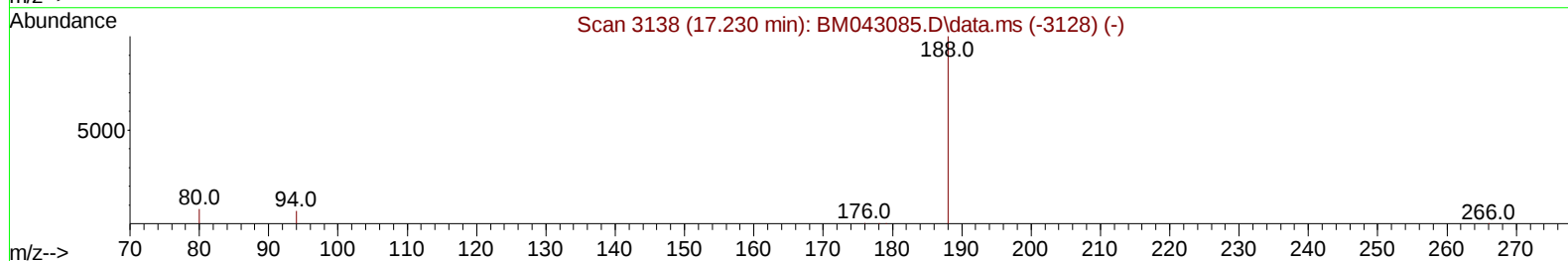
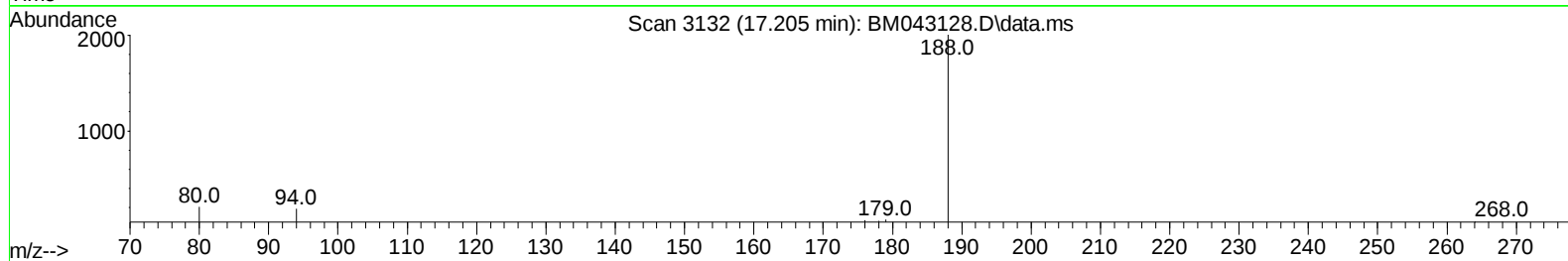
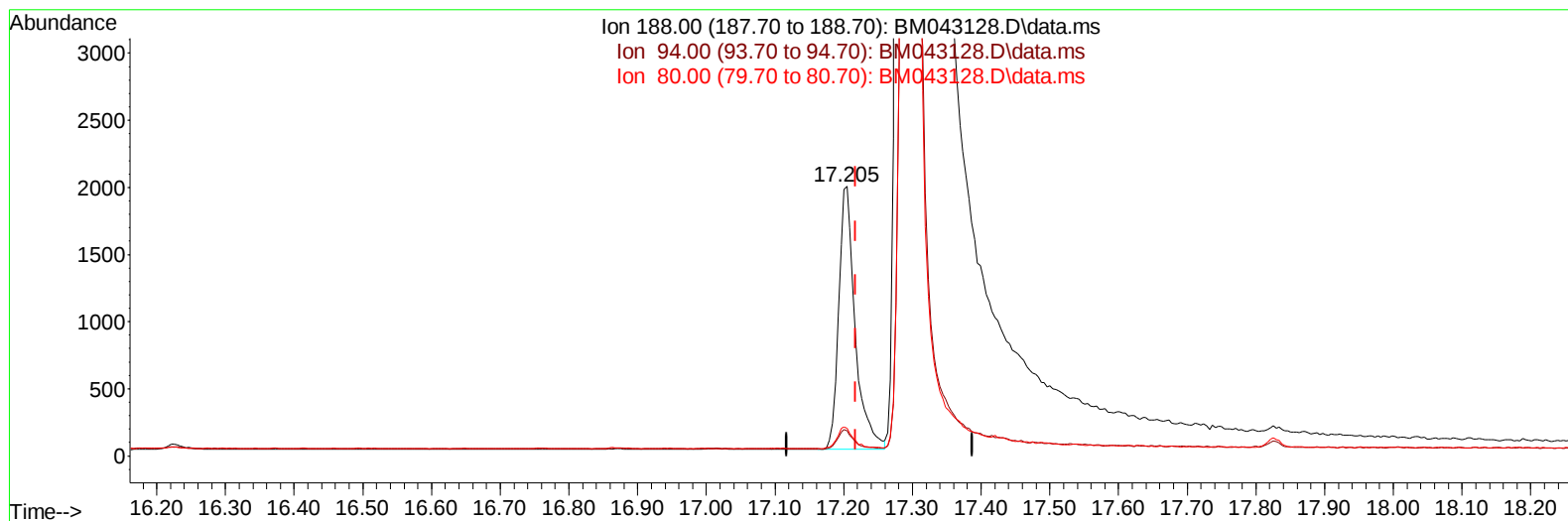
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:07:24 2023
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Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043128.D\data.ms

(13) Phenanthrene-d10 (I)

17.205min (-0.012) 0.40 ng/ul m

response 3261

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.22
80.00	12.70	10.21
0.00	0.00	0.00

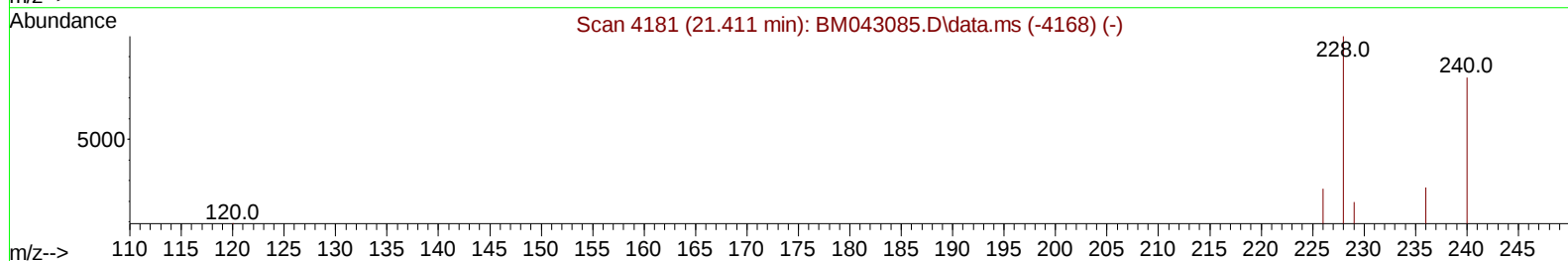
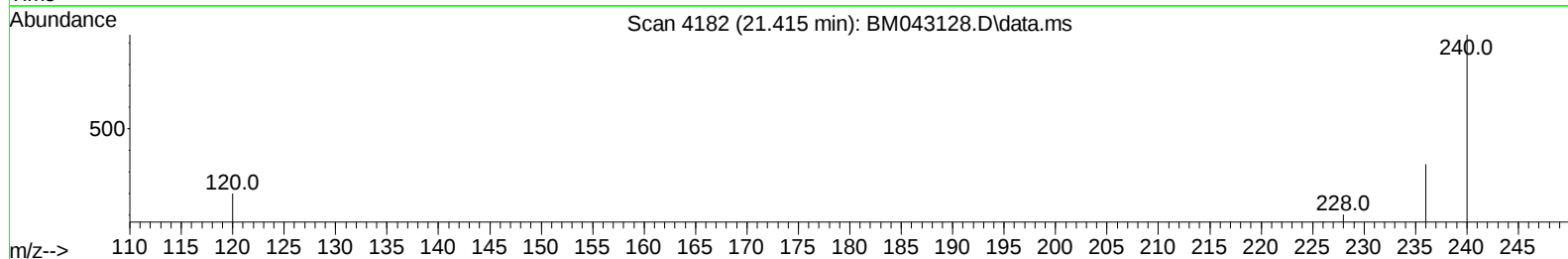
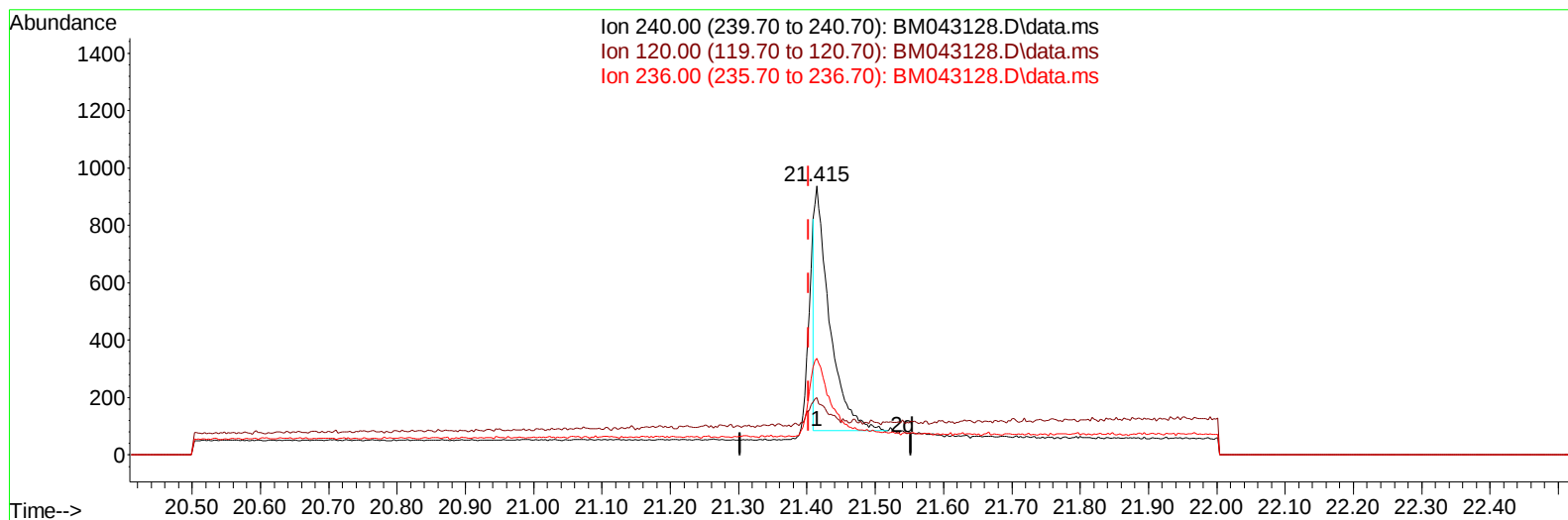
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:07:24 2023
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TIC: BM043128.D\data.ms

(17) Chrysene-d12

21.415min (+ 0.012) 0.40 ng/u1

response 1306

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	21.34
236.00	38.50	35.86
0.00	0.00	0.00

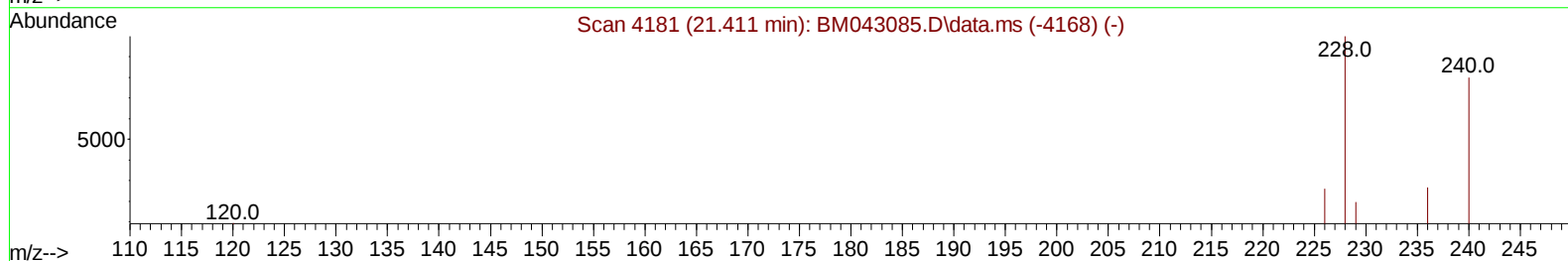
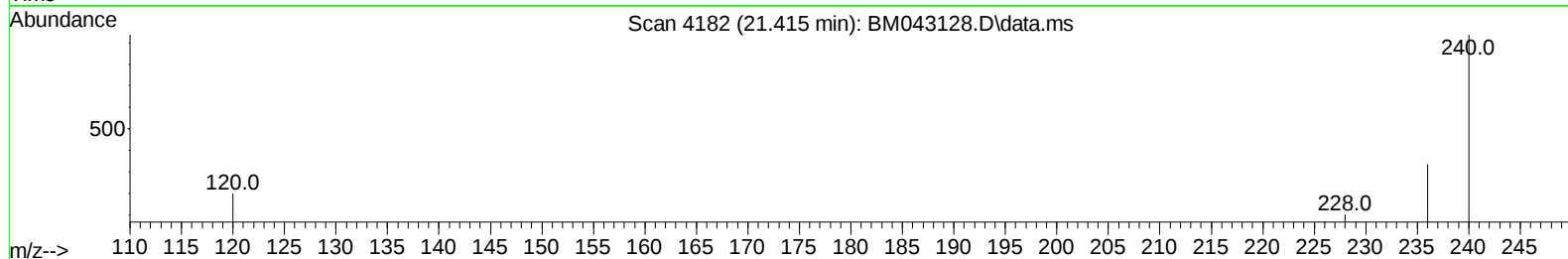
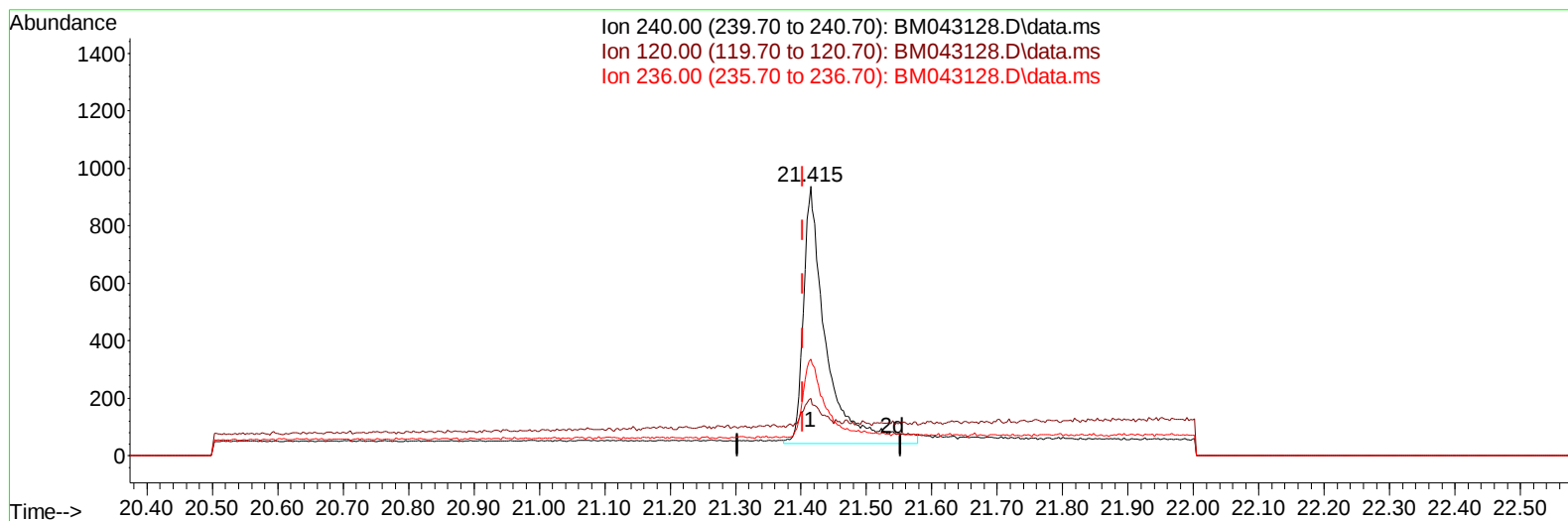
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:07:24 2023
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Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043128.D\data.ms

(17) Chrysene-d12

21.415min (+ 0.012) 0.40 ng/ul m

response 2150

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	21.34
236.00	38.50	35.86
0.00	0.00	0.00

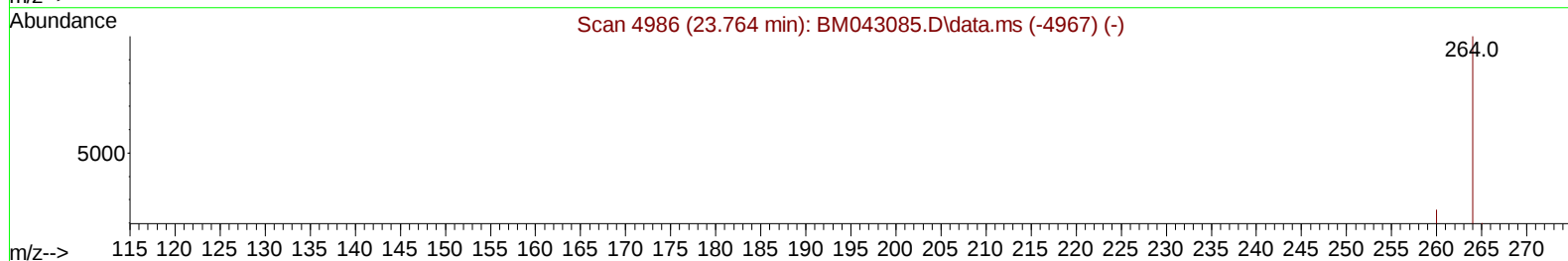
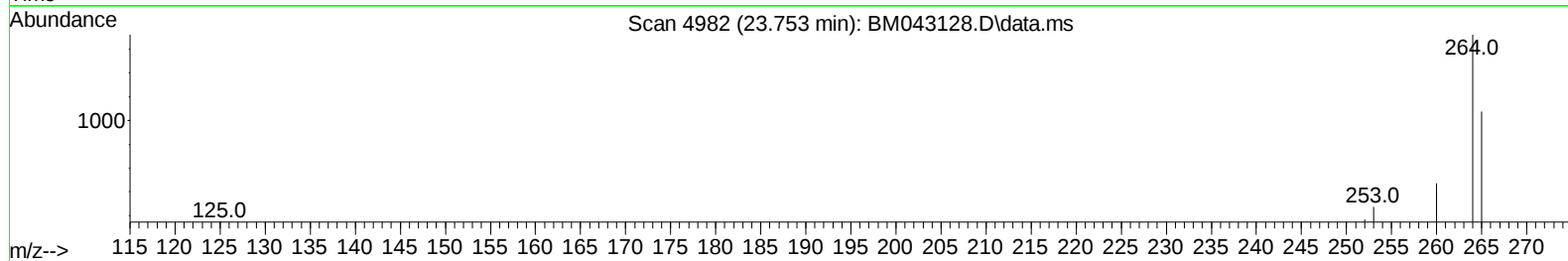
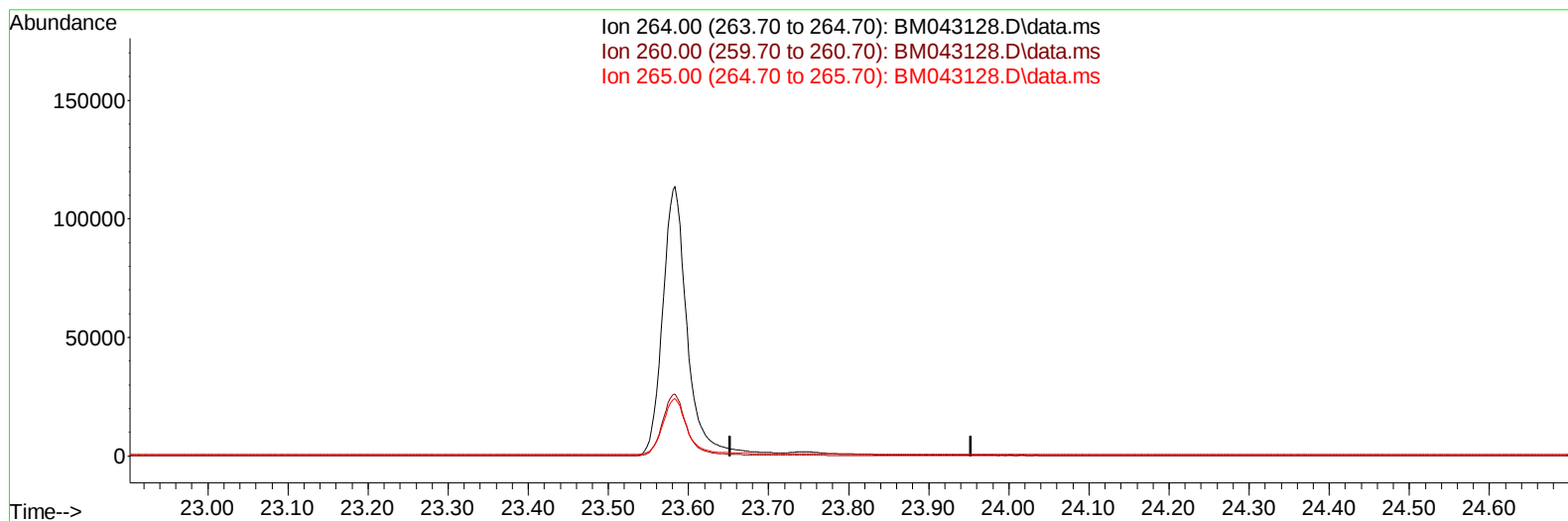
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 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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TIC: BM043128.D\data.ms

(23) Perylene-d12 (I)

23.753min (-23.753) 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

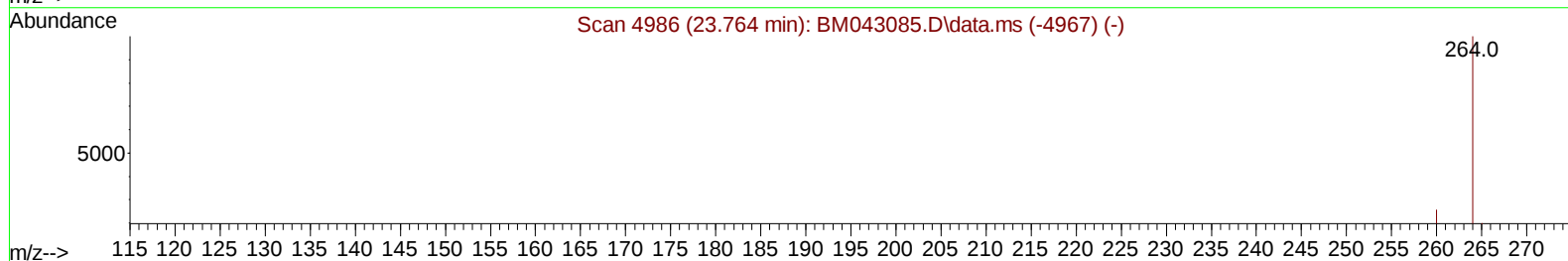
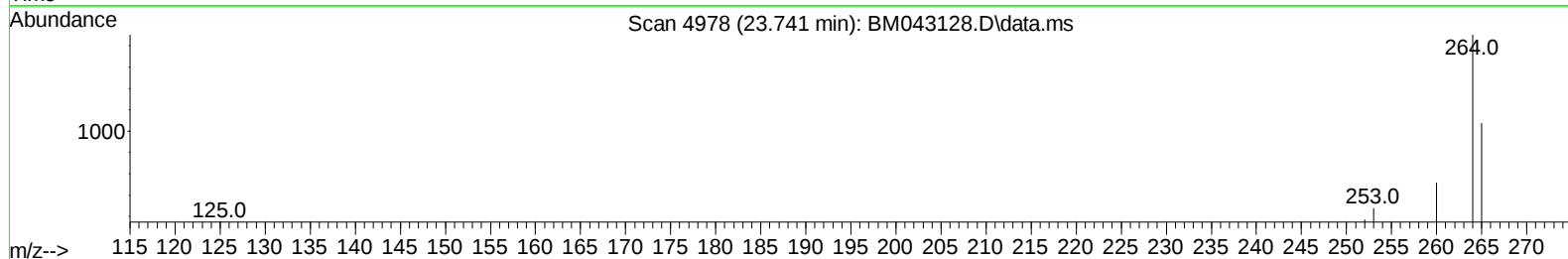
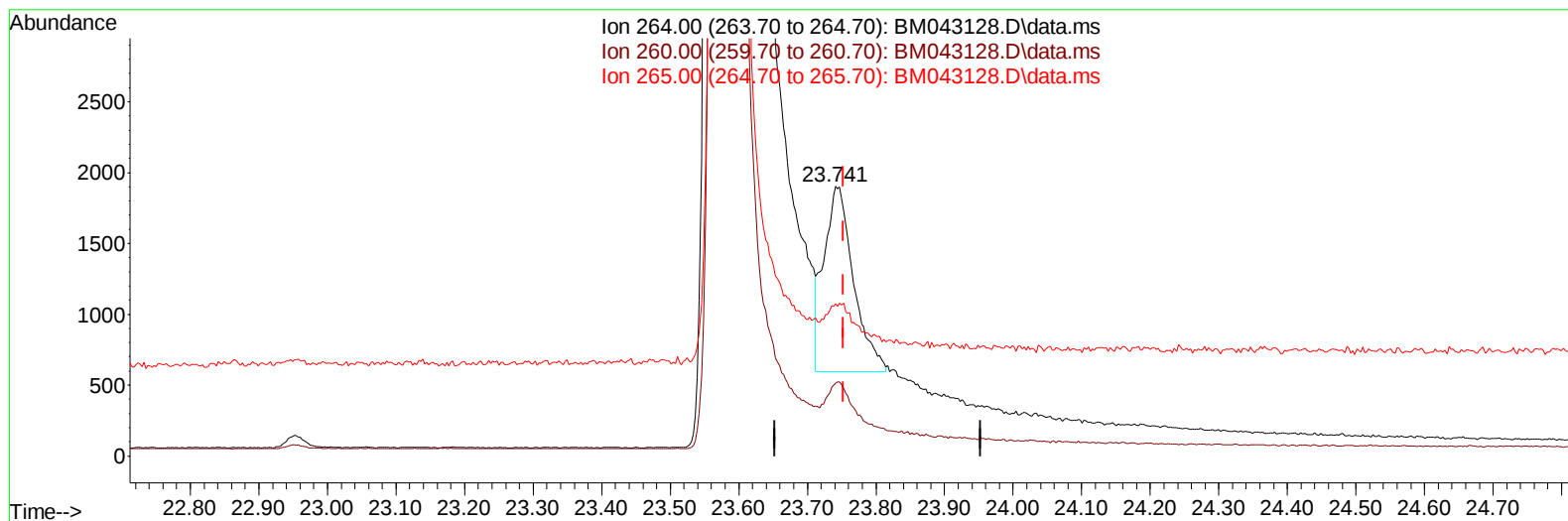
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:07:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043128.D\data.ms

(23) Perylene-d12 (I)

23.741min (-0.012) 0.40 ng/ul m

response 3909

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.08#
265.00	120.30	56.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043128.D
 Acq On : 01 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05439-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual IntegrationsAPPROVED

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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.801	152		1006	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.596	136		2995	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.447	164		1660m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188		3261m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.415	240		2150m	0.400	ng/ul	0.01
23) Perylene-d12	23.741	264		3909m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.156	96		4352	2.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152		1012	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.235	212		2366	0.302	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.656	128		220	0.027	ng/ul#	51

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

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