

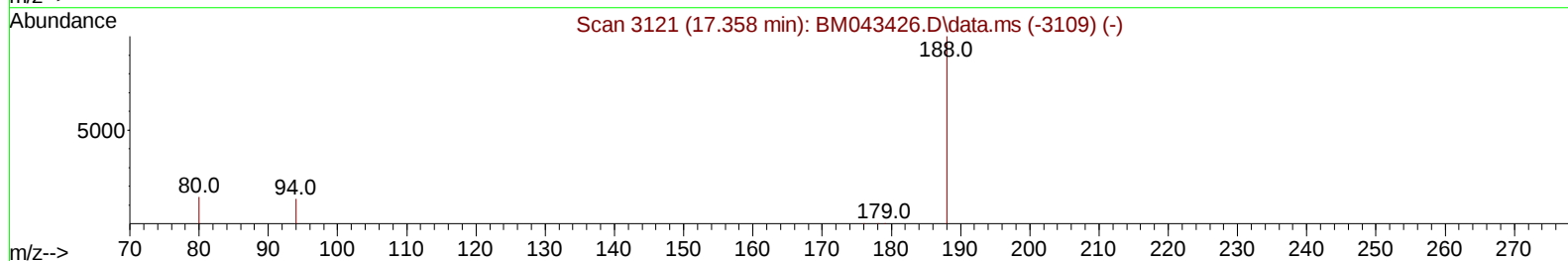
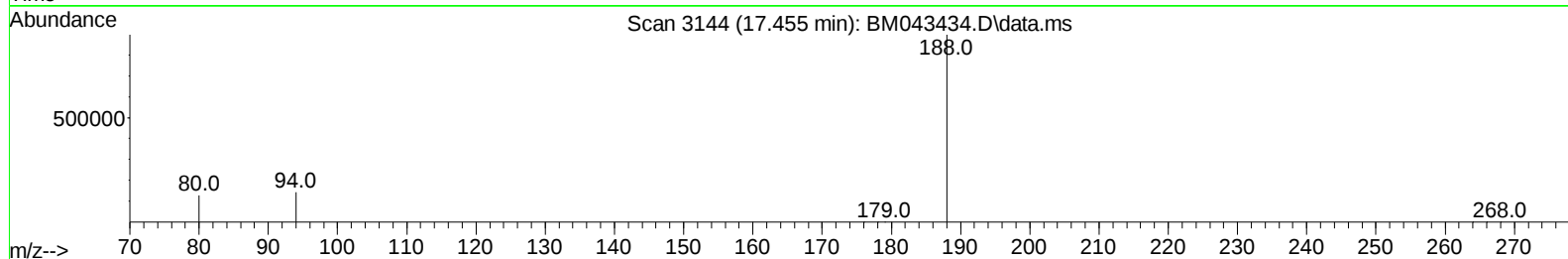
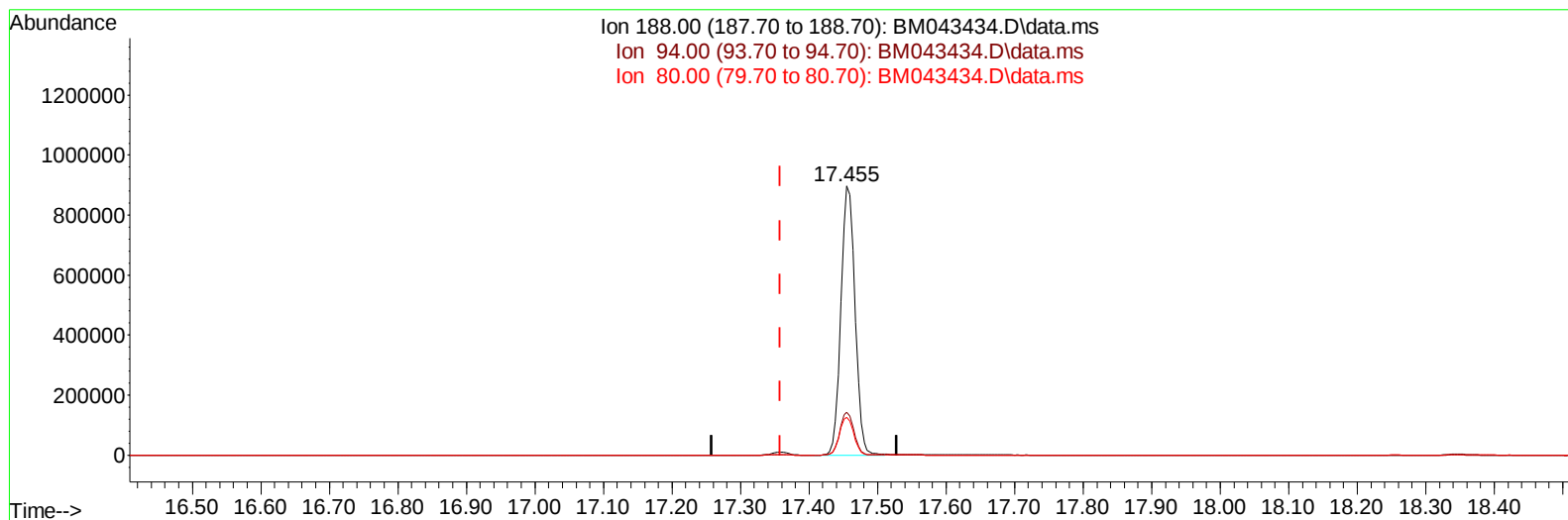
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043434.D
 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 23:36:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/22/2023



TIC: BM043434.D\data.ms

(13) Phenanthrene-d10 (I)

17.455min (+ 0.097) 0.40 ng/u1

response 1276537

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	15.97#
80.00	13.20	14.15
0.00	0.00	0.00

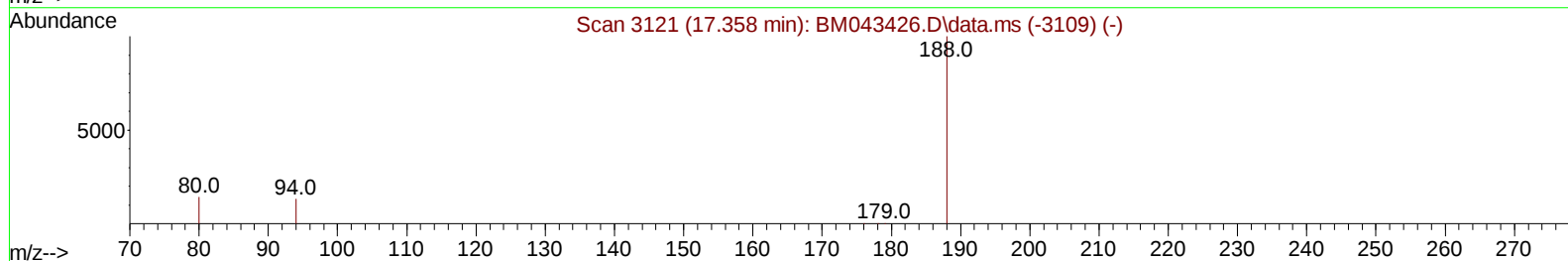
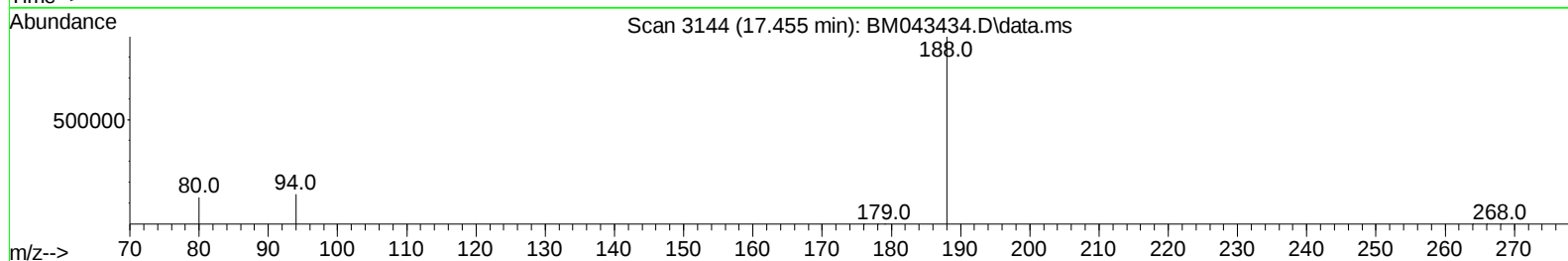
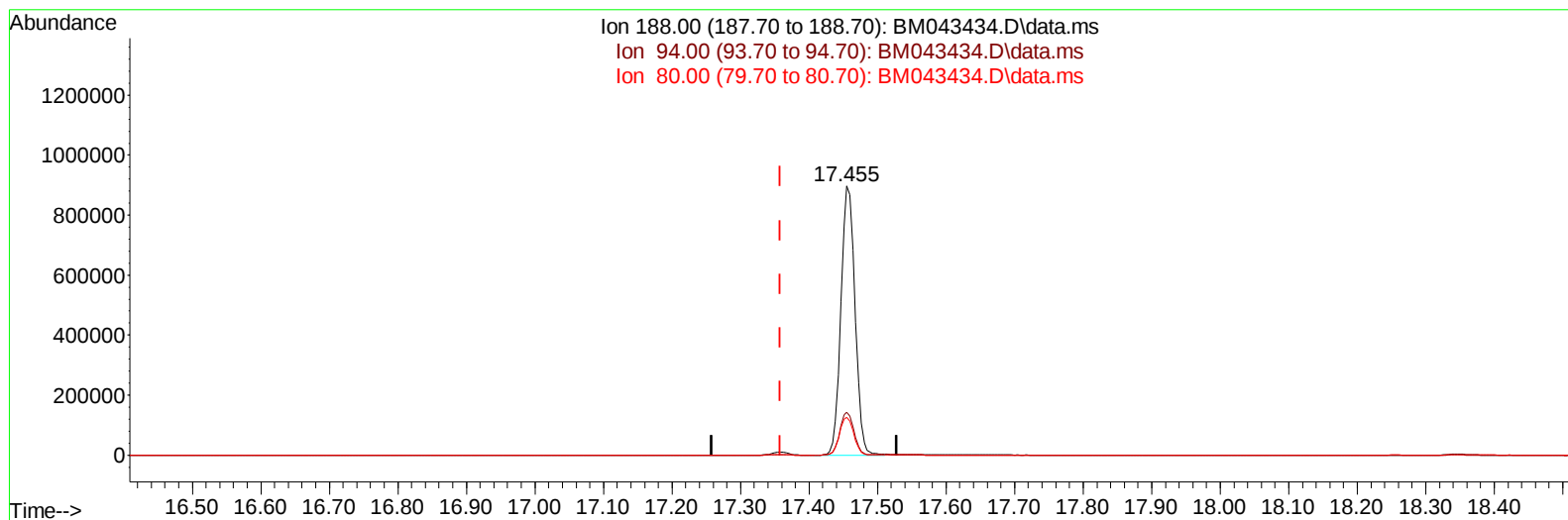
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(13) Phenanthrene-d10 (I)

17.455min (+ 0.097) 0.40 ng/u1

response 1276537

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	15.97#
80.00	13.20	14.15
0.00	0.00	0.00

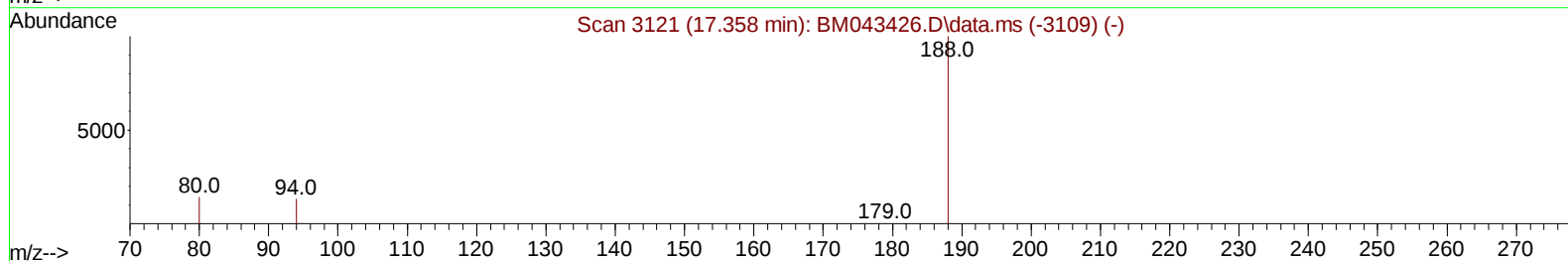
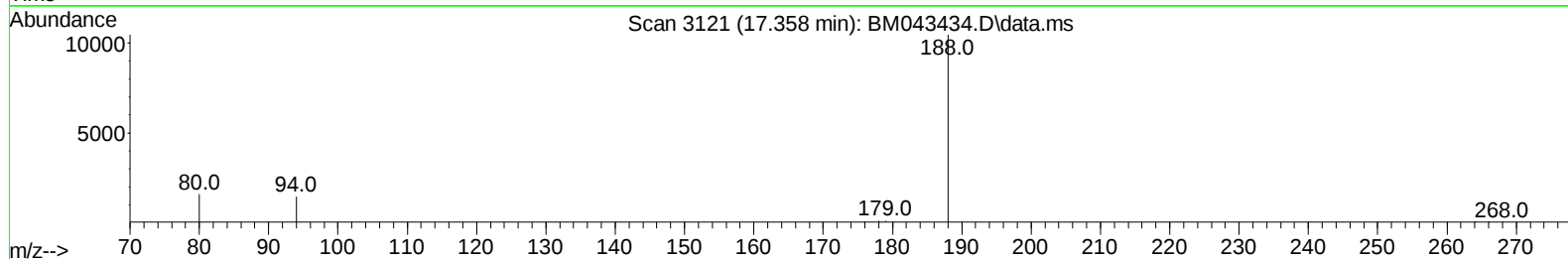
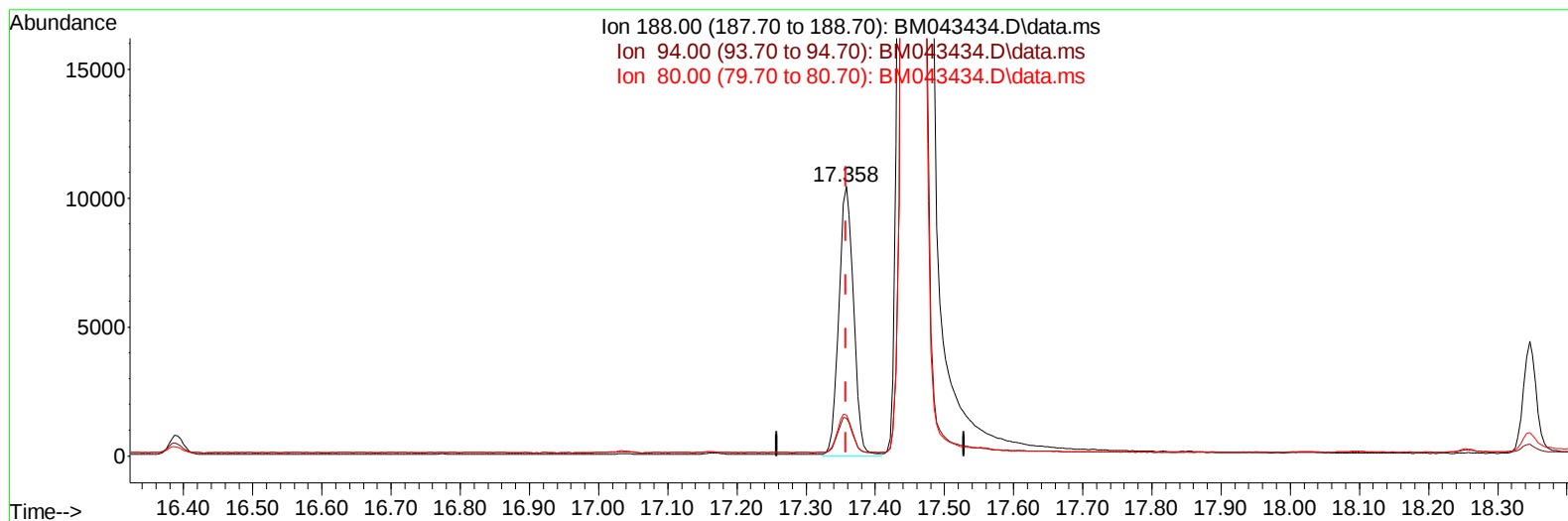
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043434.D
Acq On : 19 Dec 2023 19:29
Operator : MA/JU
Sample : 05830-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AD1

Manual IntegrationsAPPROVED

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TIC: BM043434.D\data.ms

(13) Phenanthrene-d10 (I)

17.358min (-0.000) 0.40 ng/ul m

response 15506

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	14.15
80.00	13.20	15.27
0.00	0.00	0.00

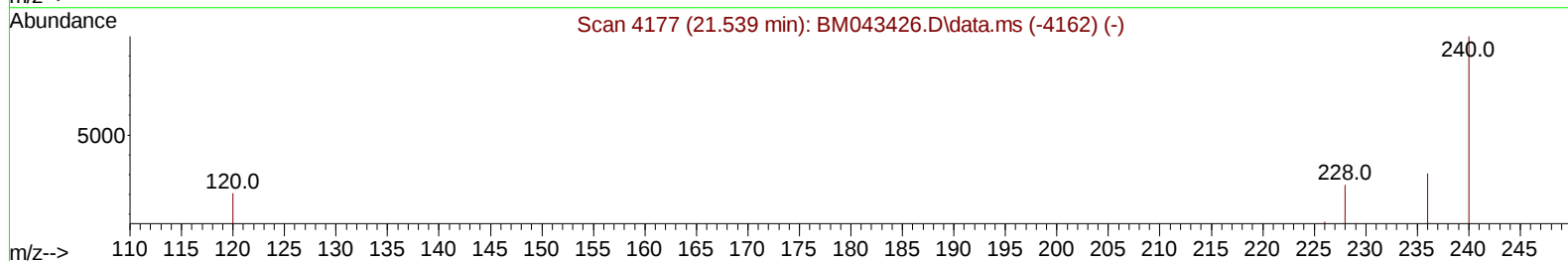
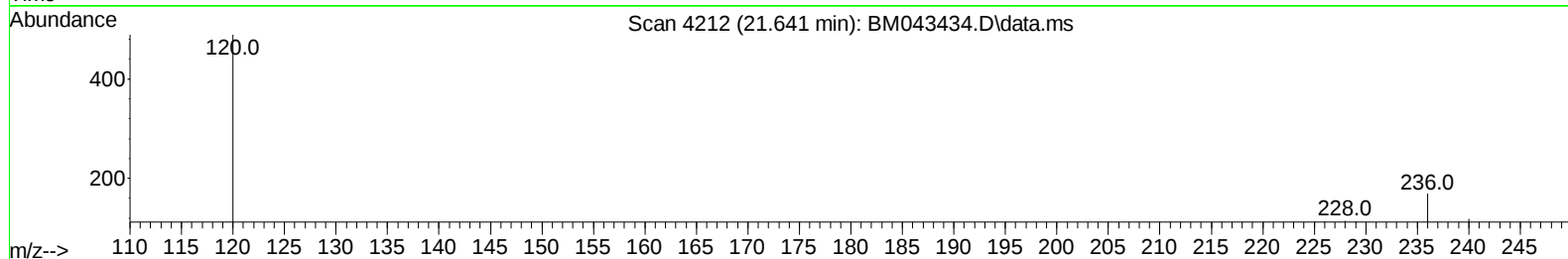
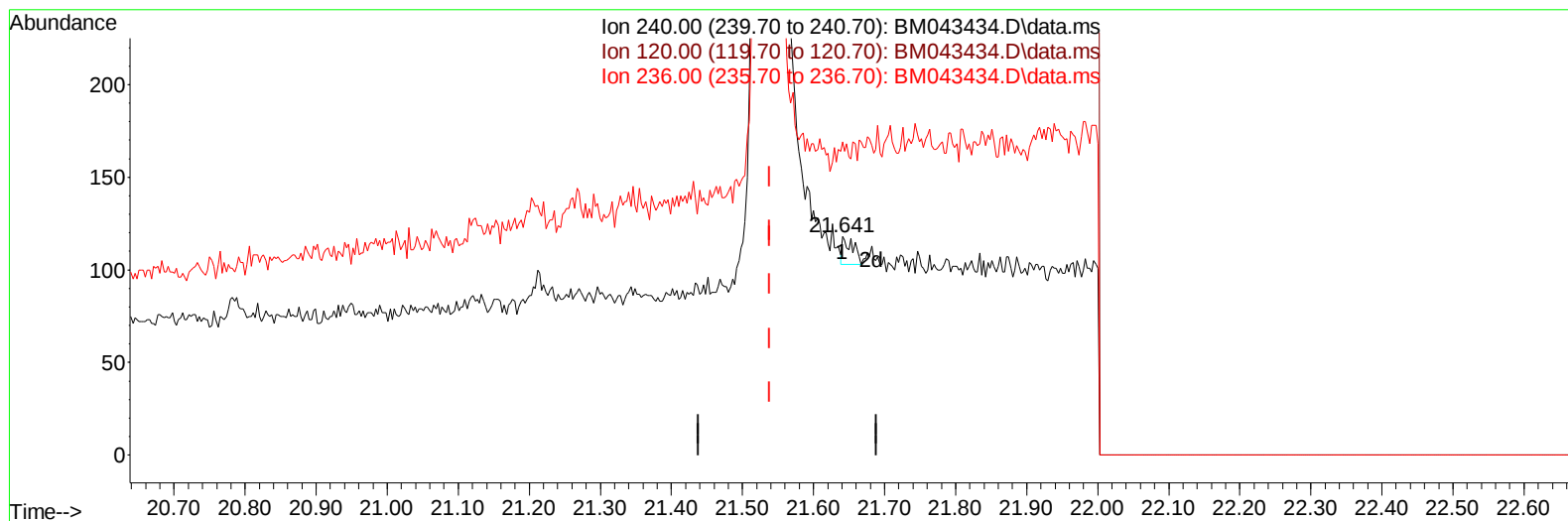
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043434.D
 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

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TIC: BM043434.D\data.ms

(17) Chrysene-d12

21.641min (+ 0.102) 0.40 ng/u1

response 16

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	414.41#
236.00	31.10	143.22#
0.00	0.00	0.00

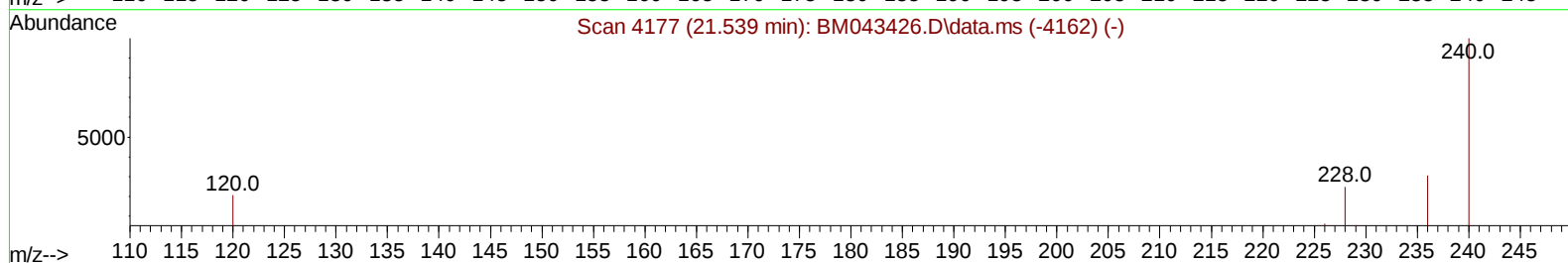
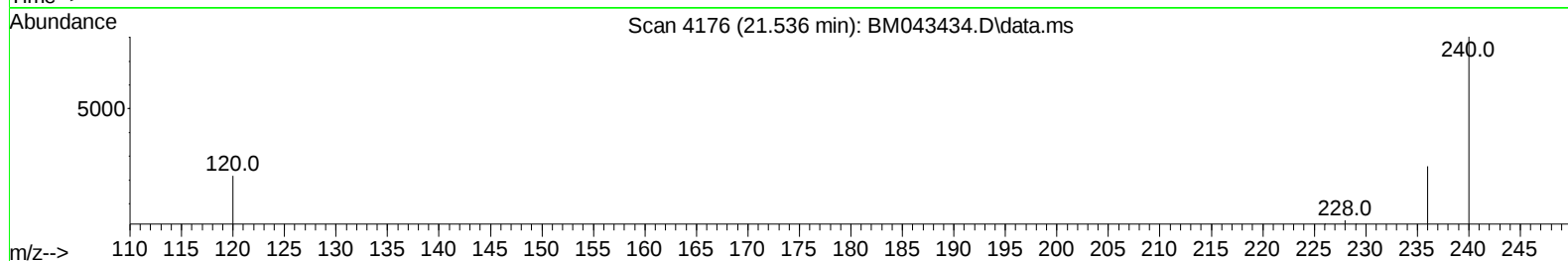
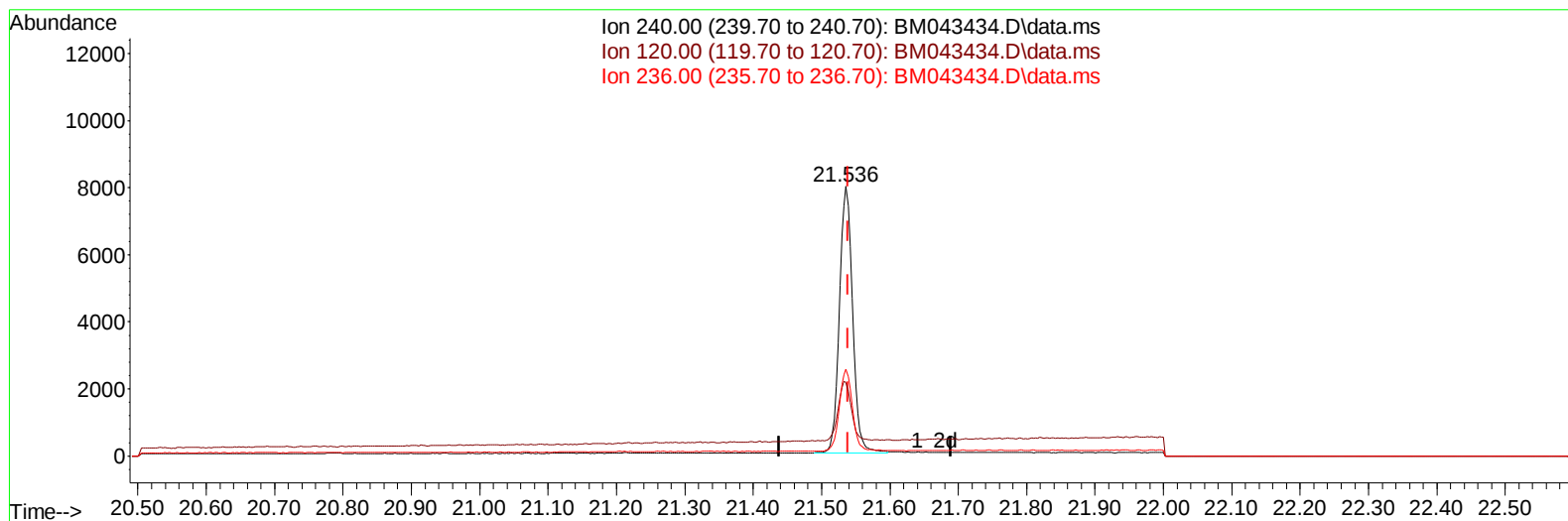
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043434.D
 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

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TIC: BM043434.D\data.ms

(17) Chrysene-d12

21.536min (-0.003) 0.40 ng/ul m

response 10678

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	27.23#
236.00	31.10	32.19
0.00	0.00	0.00

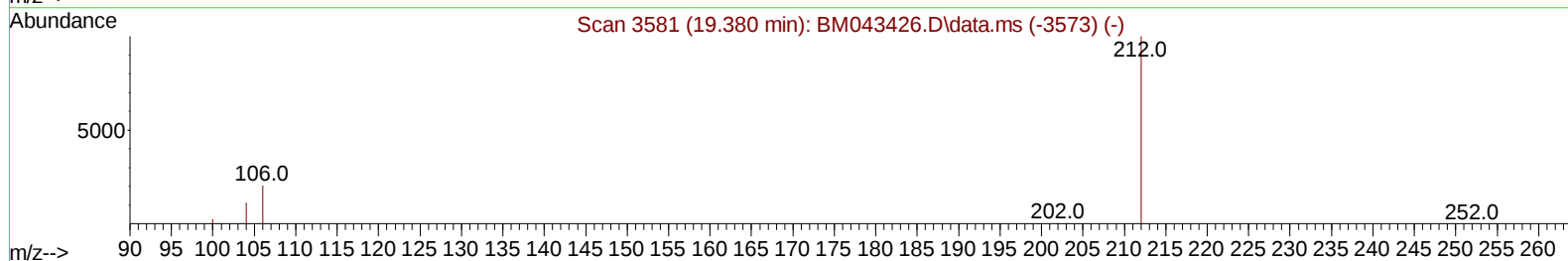
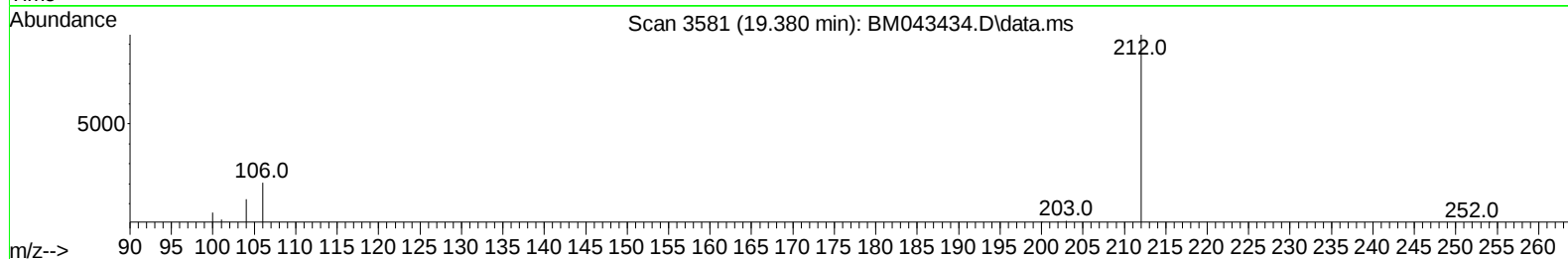
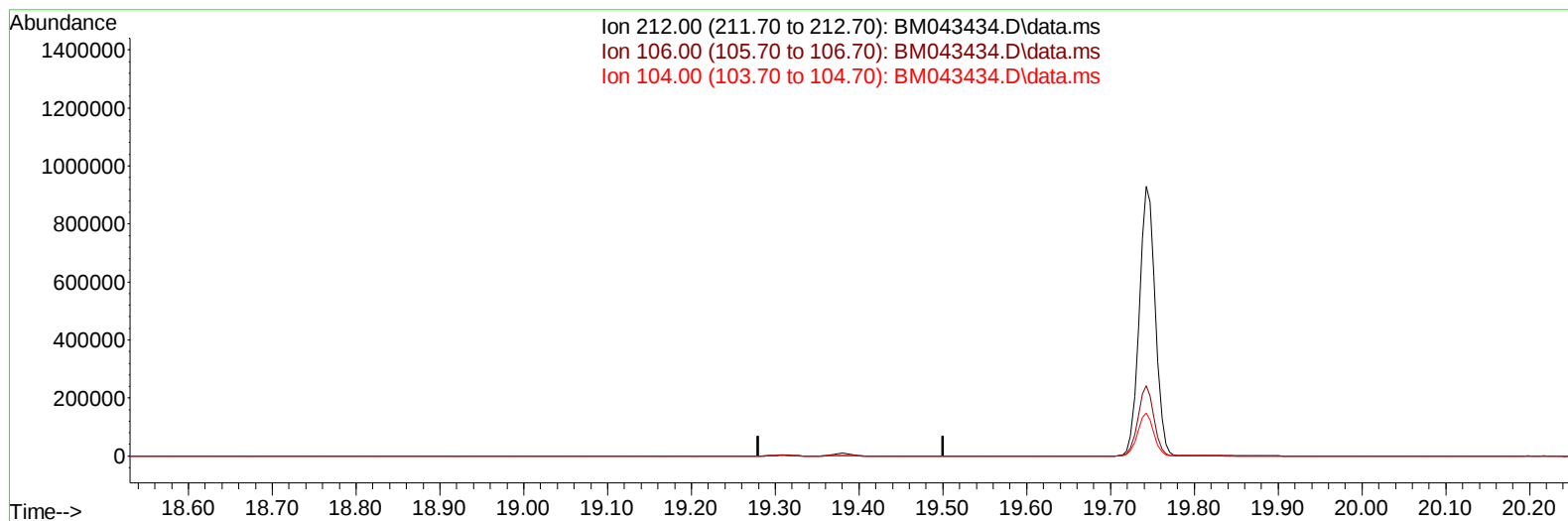
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043434.D
 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/22/2023



TIC: BM043434.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.380min (-19.380) 0.00 ng/u1

response 0

Ion	Exp%	Act%
212.00	100.00	0.00
106.00	19.40	0.00#
104.00	11.00	0.00#
0.00	0.00	0.00

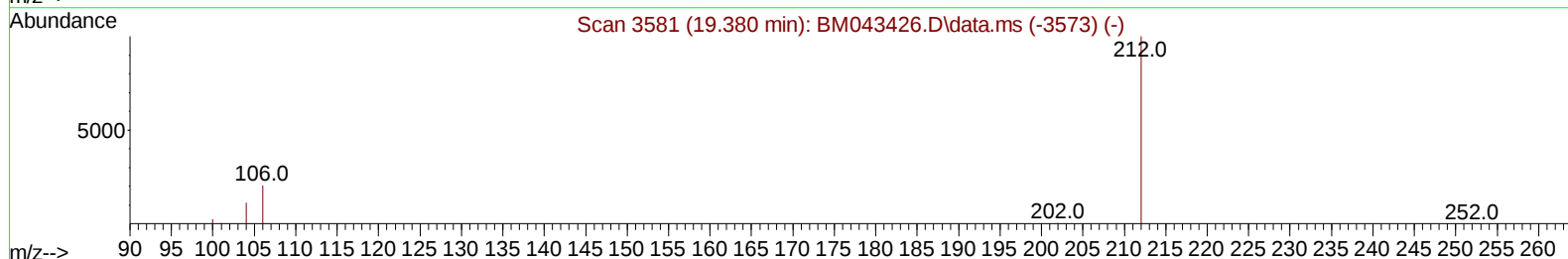
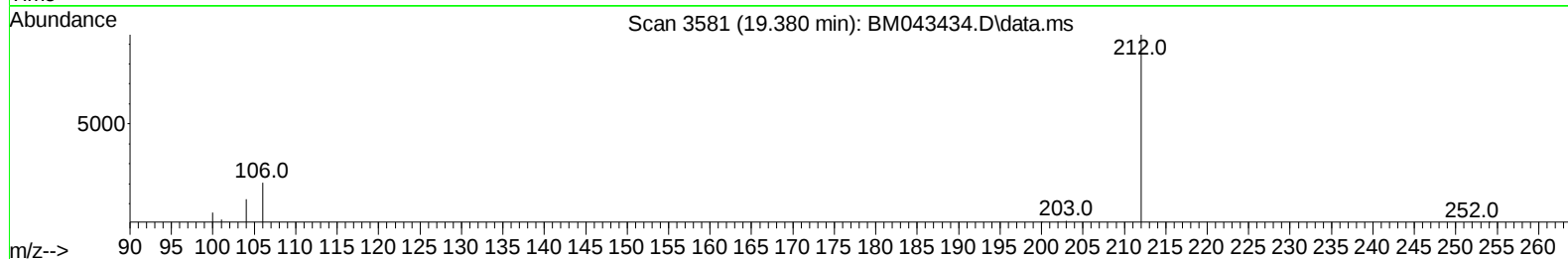
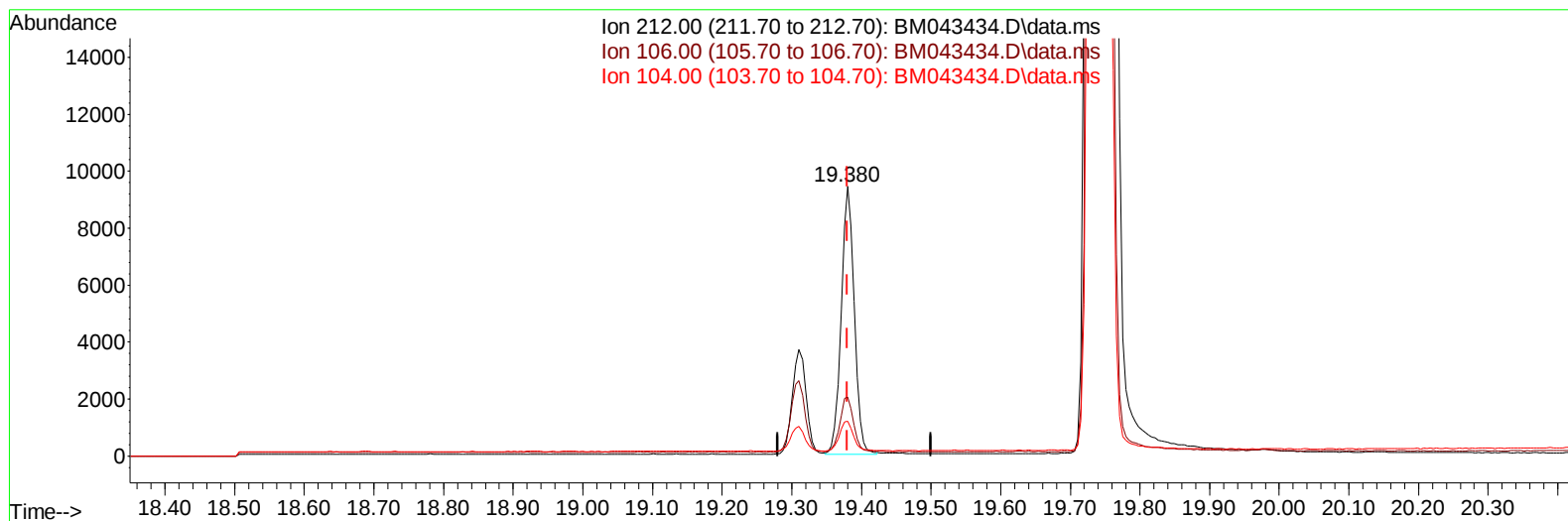
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043434.D
Acq On : 19 Dec 2023 19:29
Operator : MA/JU
Sample : 05830-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AD1

Manual IntegrationsAPPROVED

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TIC: BM043434.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.380min (-0.000) 0.32 ng/u1 m

response 12366

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.40	0.00#
104.00	11.00	0.00#
0.00	0.00	0.00

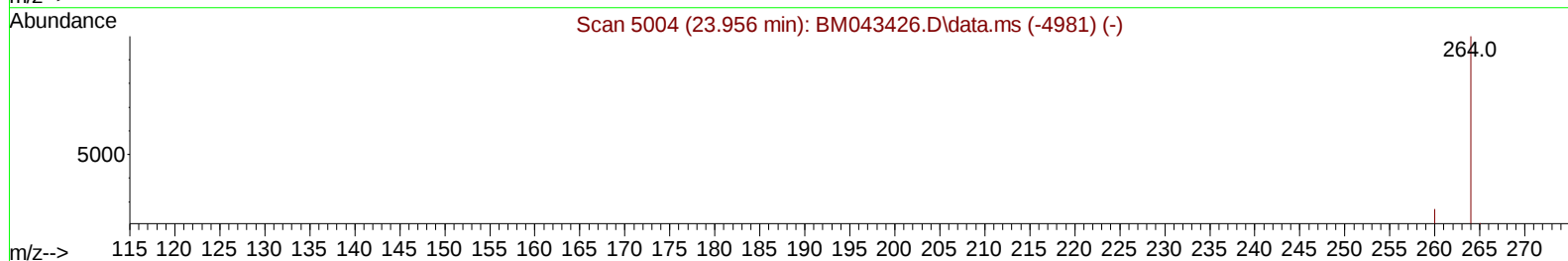
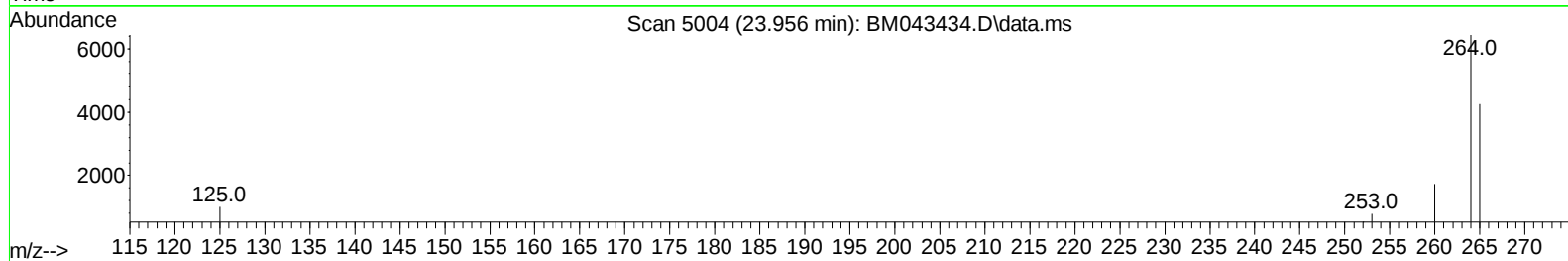
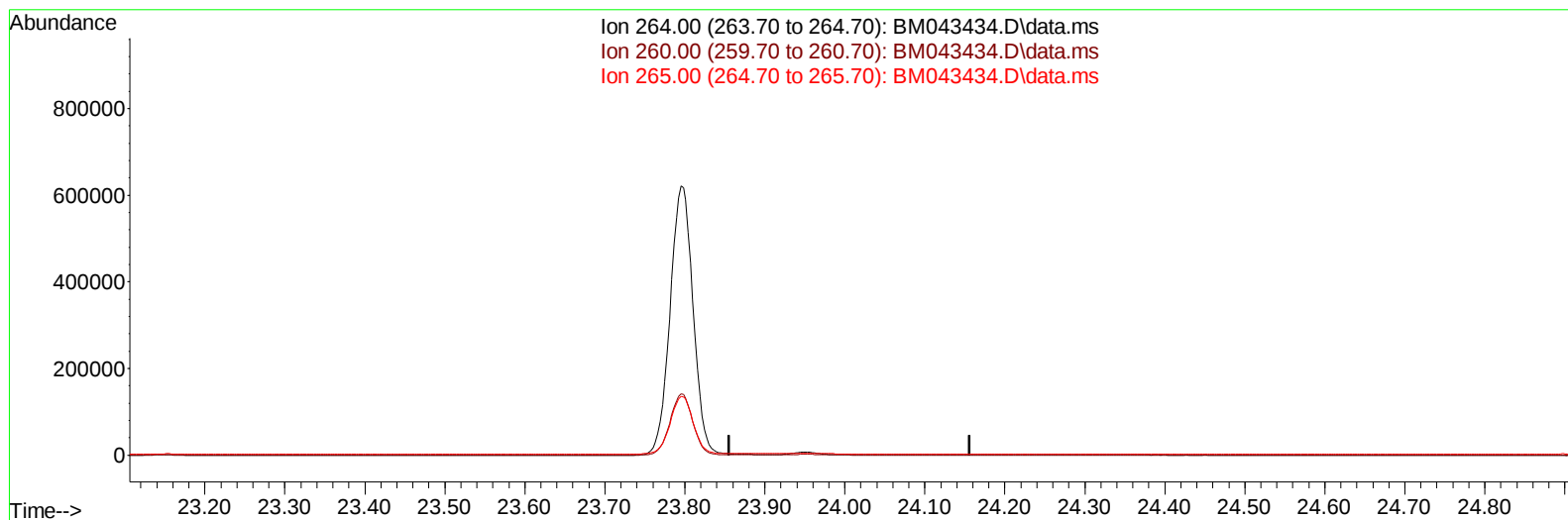
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
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 Acq On : 19 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/22/2023



TIC: BM043434.D\data.ms

(23) Perylene-d12 (I)

23.956min (-23.956) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	28.30	0.00#
265.00	39.10	0.00#
0.00	0.00	0.00

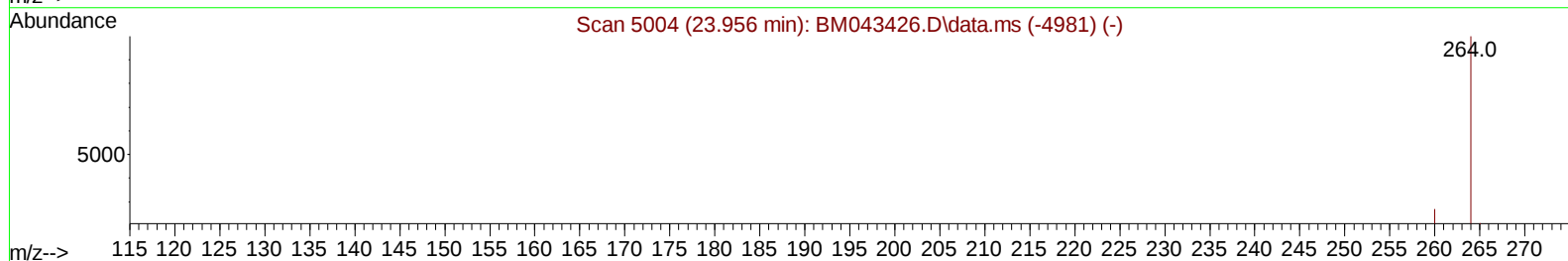
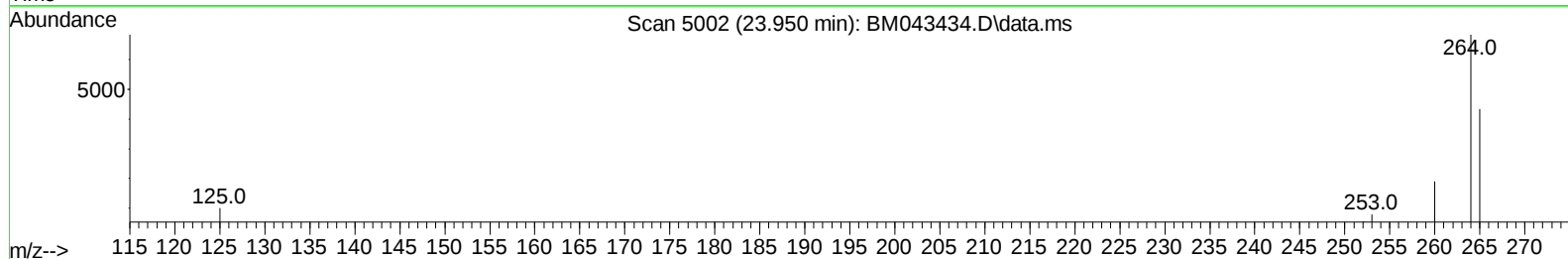
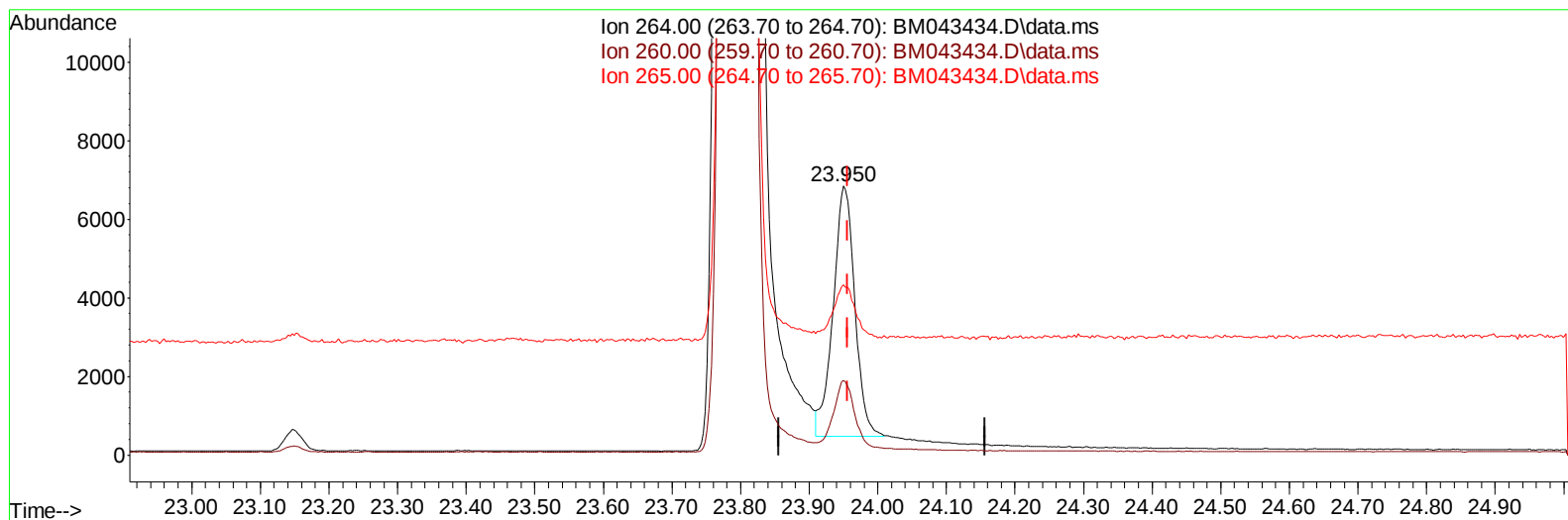
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM043434.D\data.ms

(23) Perylene-d12 (I)

23.950min (-0.006) 0.40 ng/ul m

response 13998

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	27.69
265.00	39.10	63.27#
0.00	0.00	0.00

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 Operator : MA/JU
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 H0AD1

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152		5954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136		17580	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164		8284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188		15506m	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240		10678m	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264		13998m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96		30934	4.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152		6948	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.380	212		12366m	0.324	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88		57450	7.615	ng/ul#	60

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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