

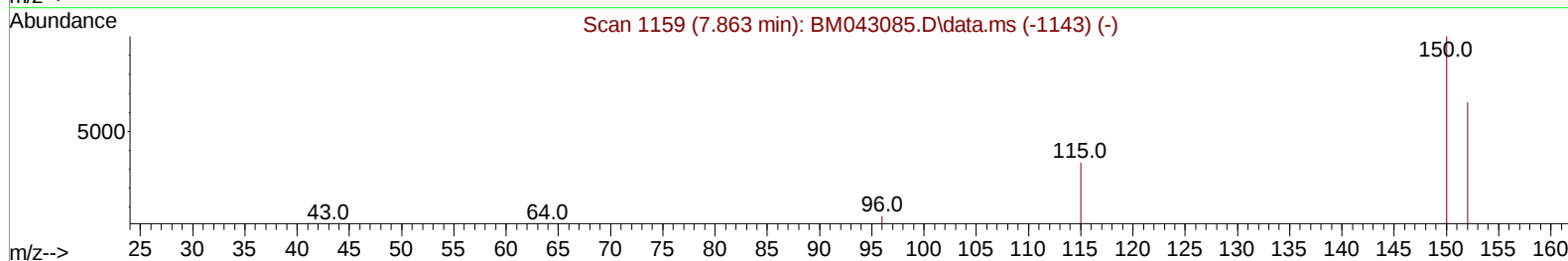
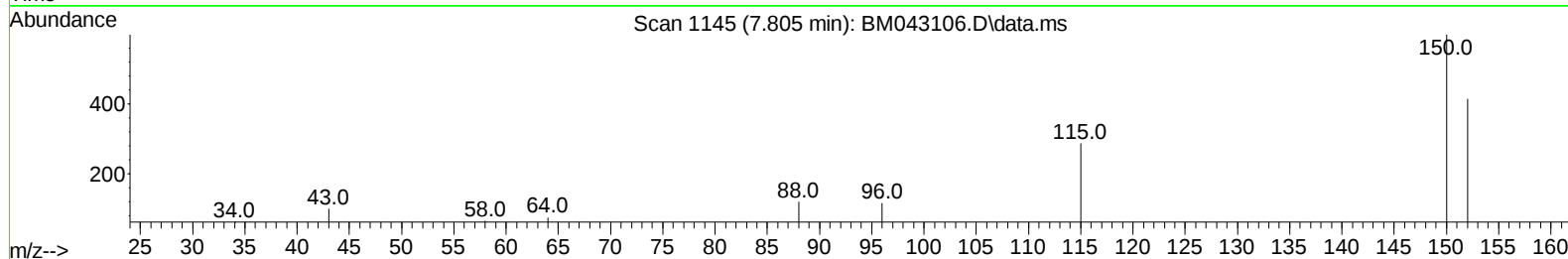
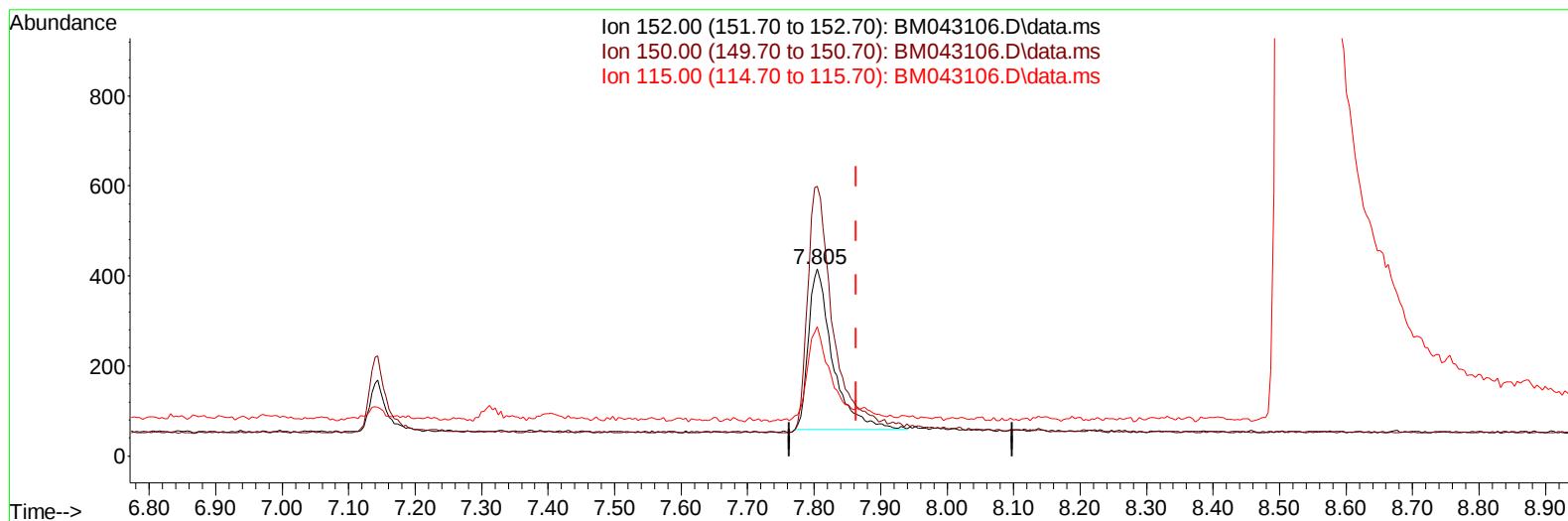
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043106.D
Acq On : 01 Dec 2023 04:32
Operator : MA/JU
Sample : 05459-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043106.D\data.ms

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

7.805min (-0.058) 0.40 ng/u1

response 906

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.99
115.00	89.60	68.99#
0.00	0.00	0.00

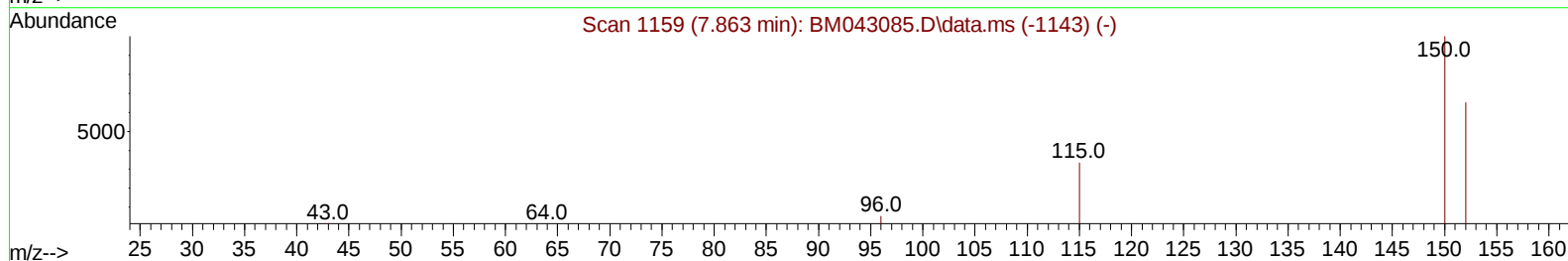
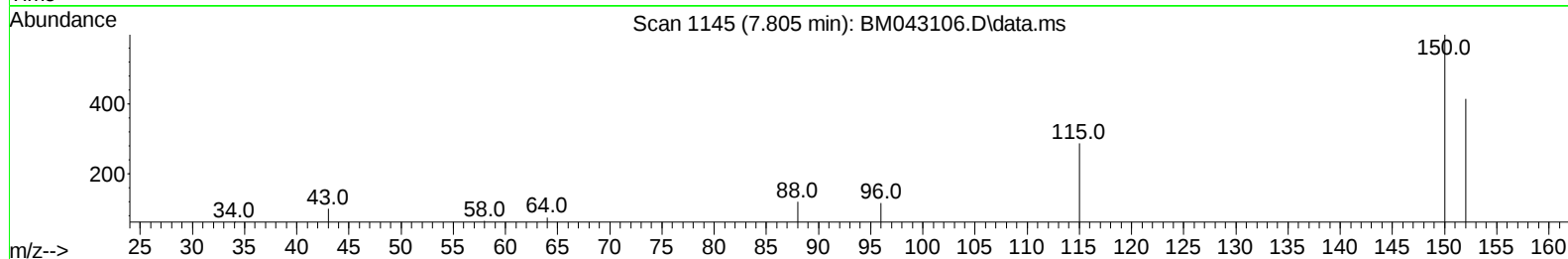
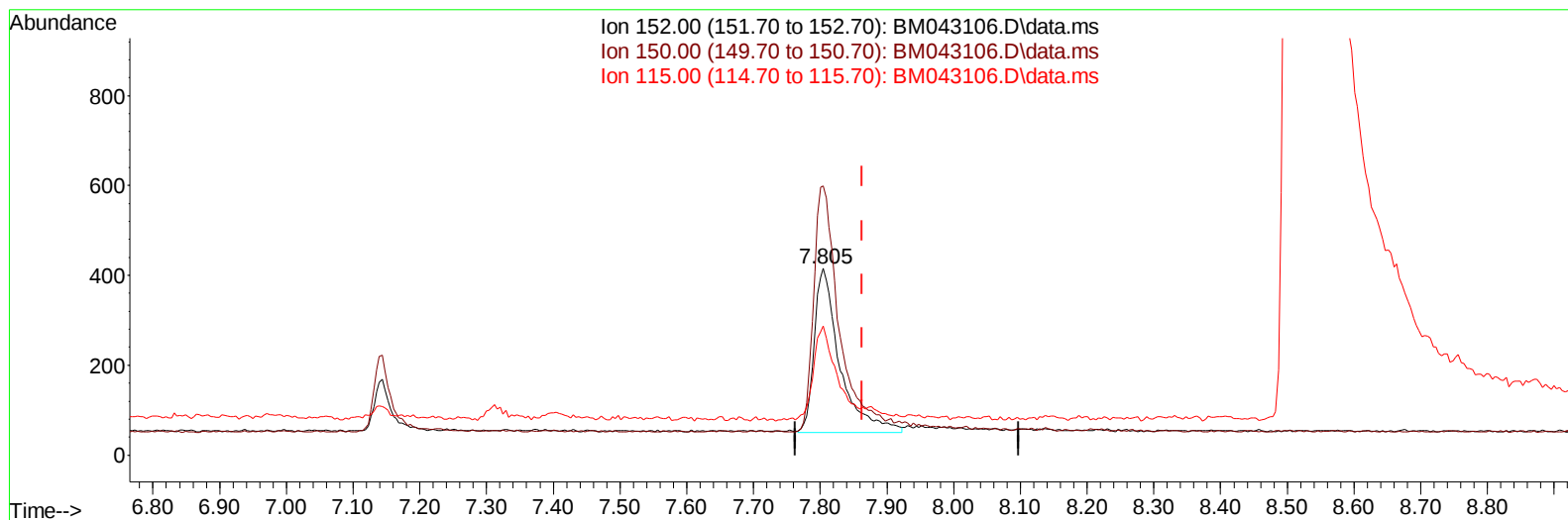
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/01/2023
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TIC: BM043106.D\data.ms

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

7.805min (-0.058) 0.40 ng/ul m

response 977

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.99
115.00	89.60	68.99#
0.00	0.00	0.00

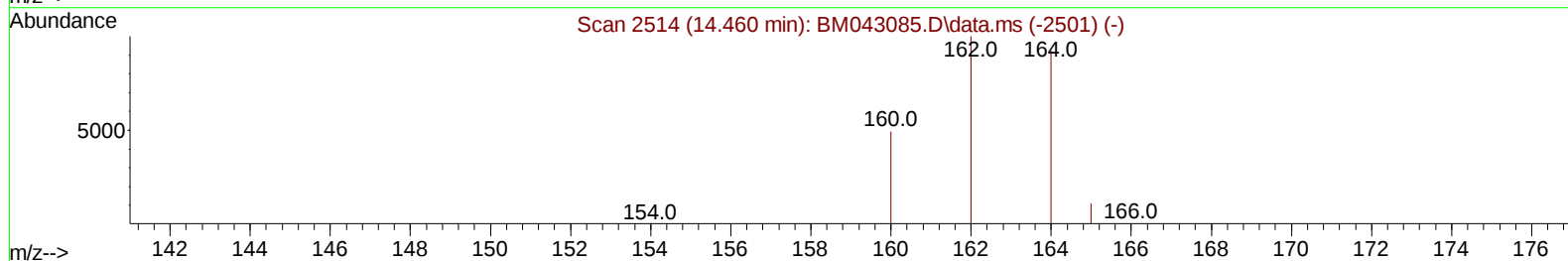
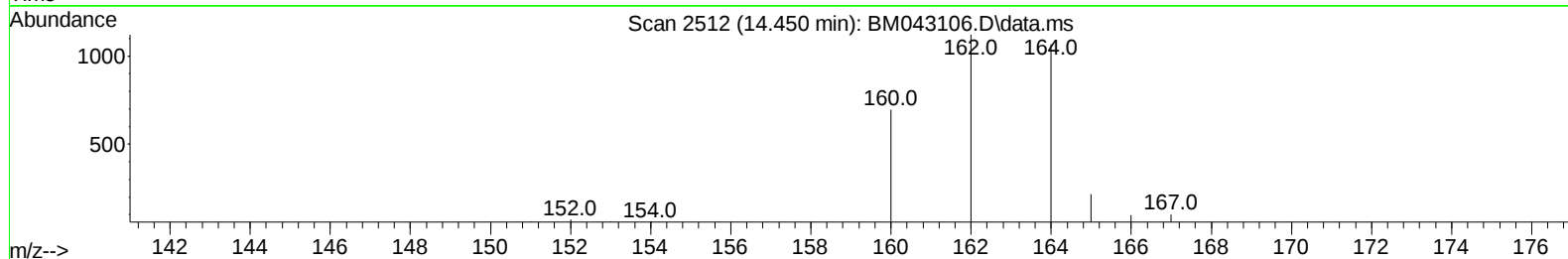
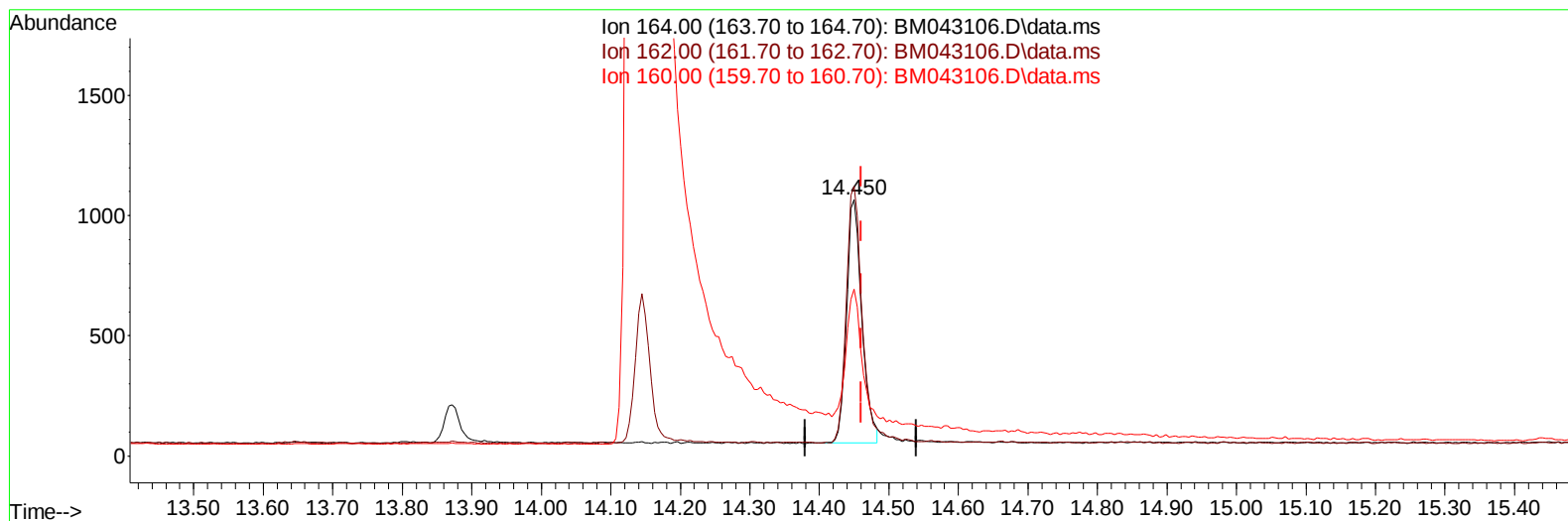
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043106.D
Acq On : 01 Dec 2023 04:32
Operator : MA/JU
Sample : 05459-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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TIC: BM043106.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/u1

response 1562

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.96
160.00	57.20	65.07
0.00	0.00	0.00

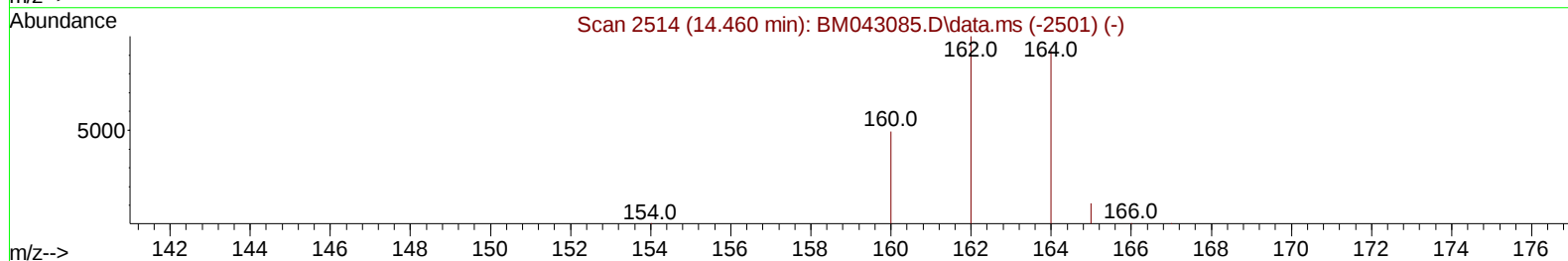
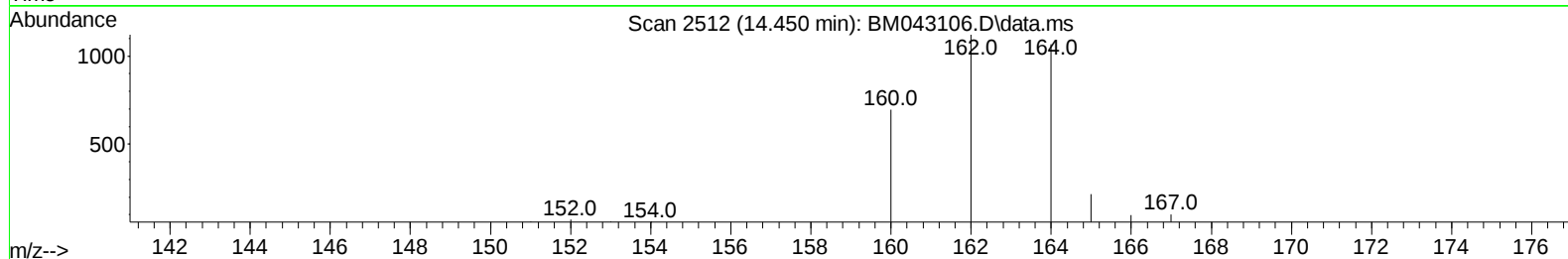
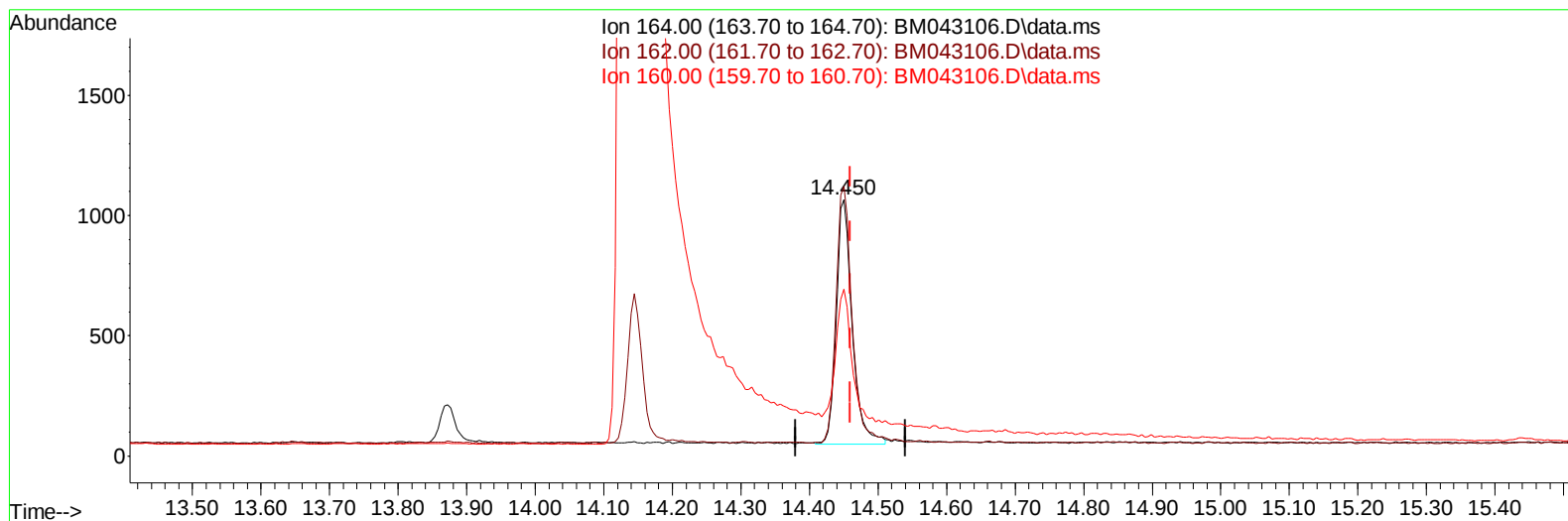
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043106.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/ul m

response 1644

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.96
160.00	57.20	65.07
0.00	0.00	0.00

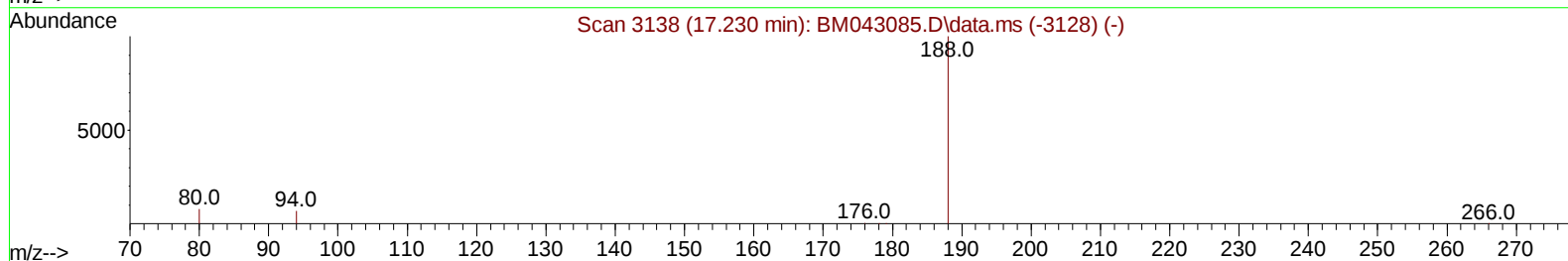
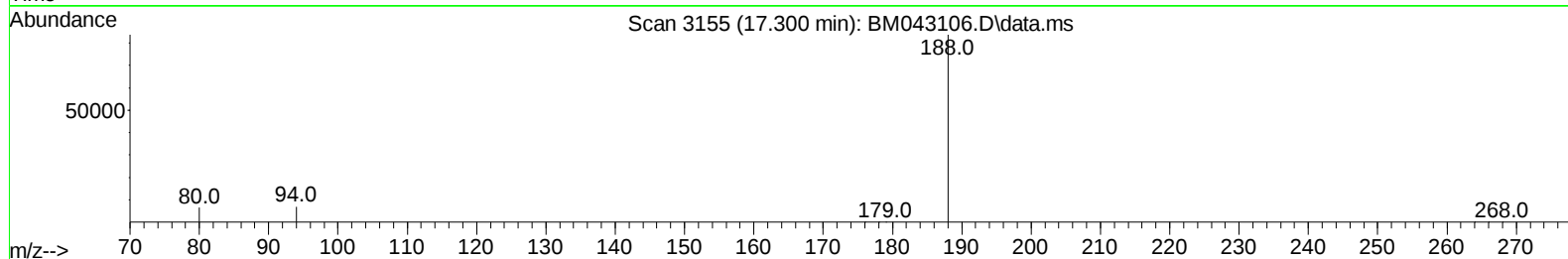
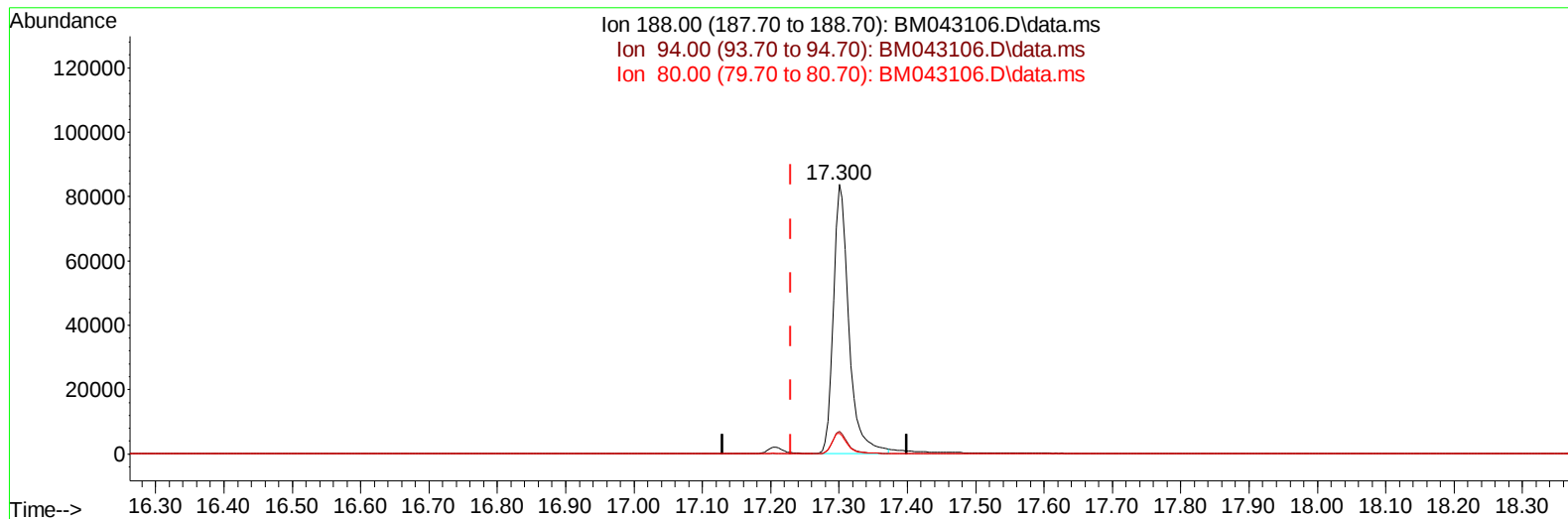
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 2023
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TIC: BM043106.D\data.ms

(13) Phenanthrene-d10 (I)

17.300min (+ 0.071) 0.40 ng/u1

response 131209

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.32#
80.00	12.70	7.75#
0.00	0.00	0.00

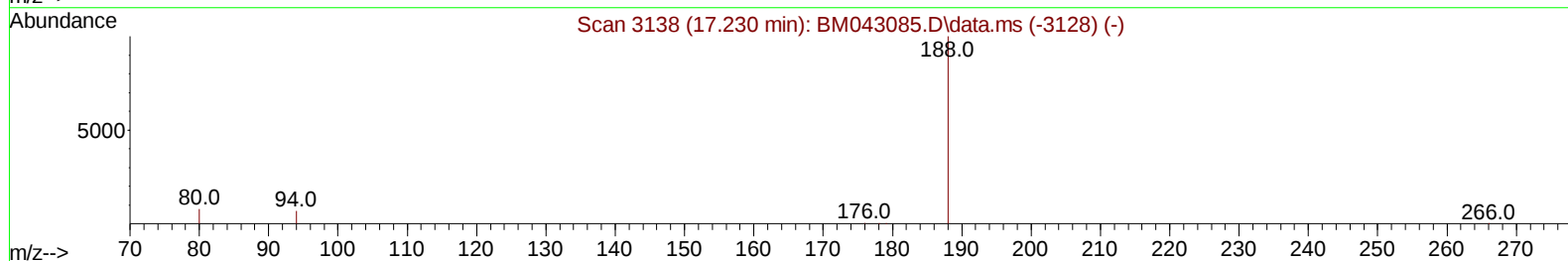
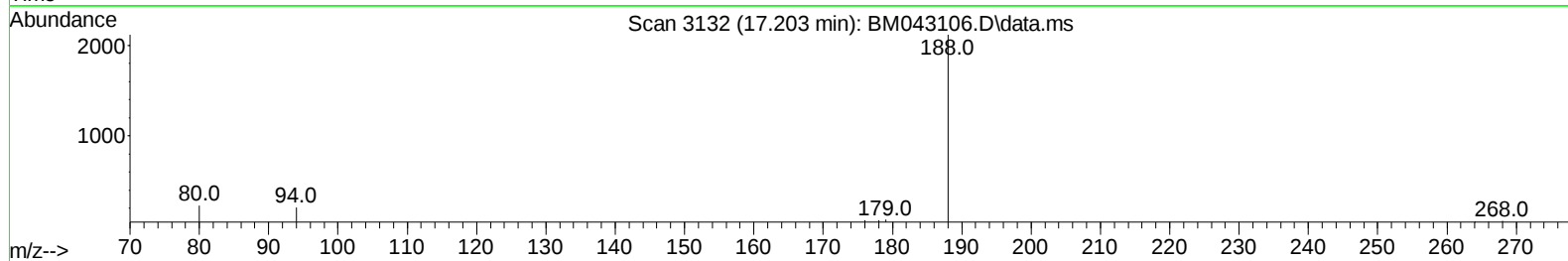
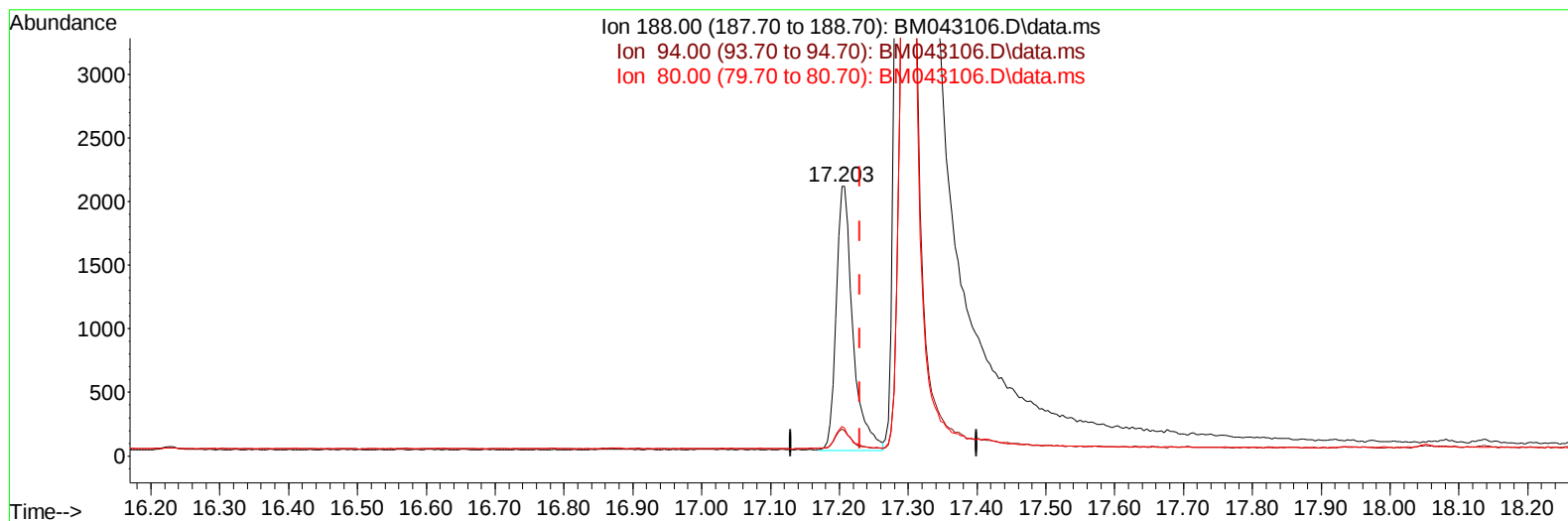
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043106.D\data.ms

(13) Phenanthrene-d10 (I)

17.203min (-0.026) 0.40 ng/ul m

response 3479

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.05
80.00	12.70	11.00
0.00	0.00	0.00

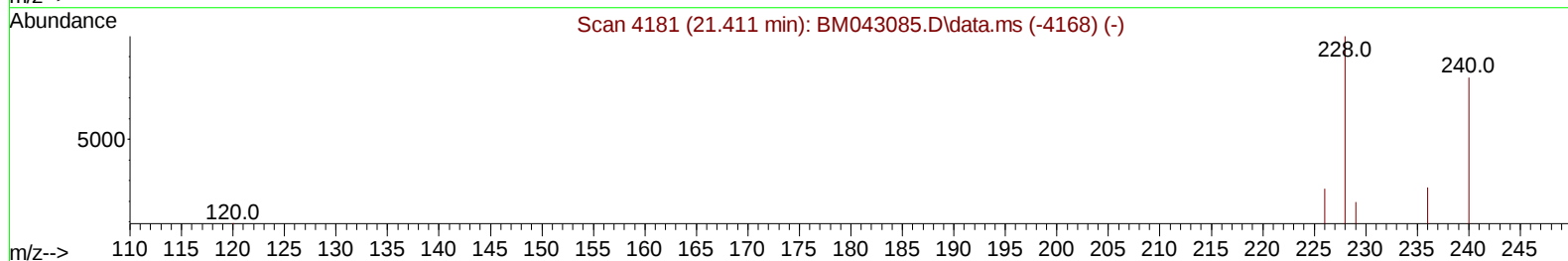
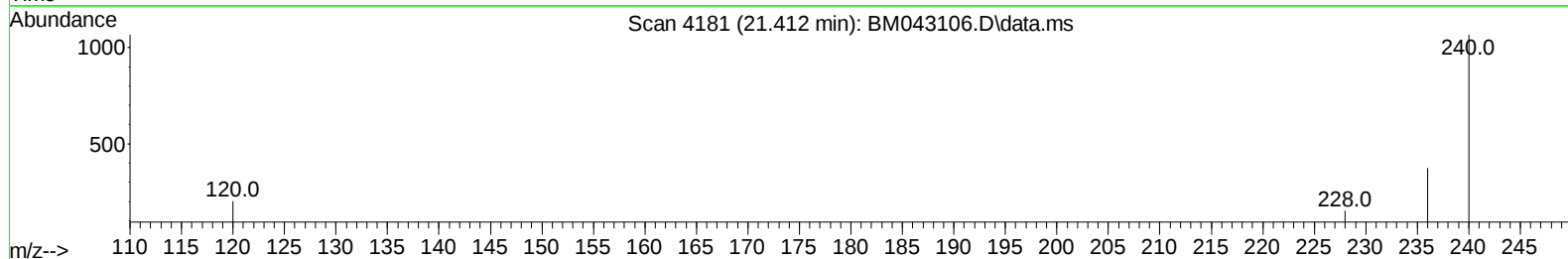
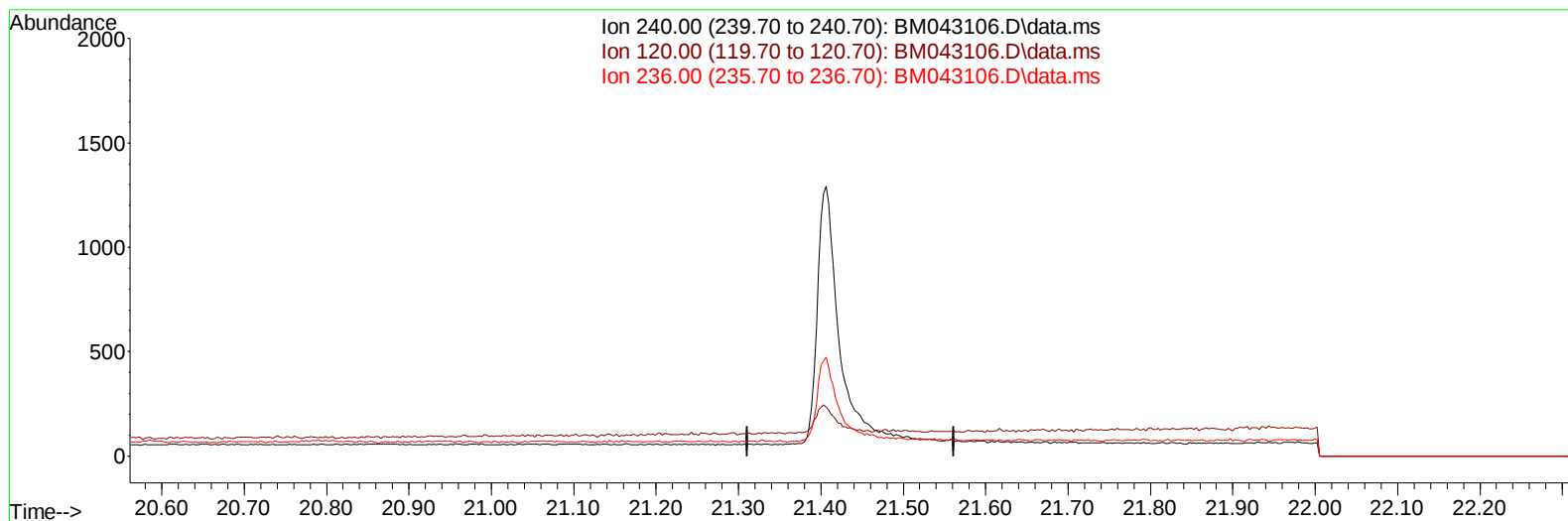
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 2023
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 QLast Update : Fri Dec 01 00:42:42 2023
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TIC: BM043106.D\data.ms

(17) Chrysene-d12

21.411min (-21.411) 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

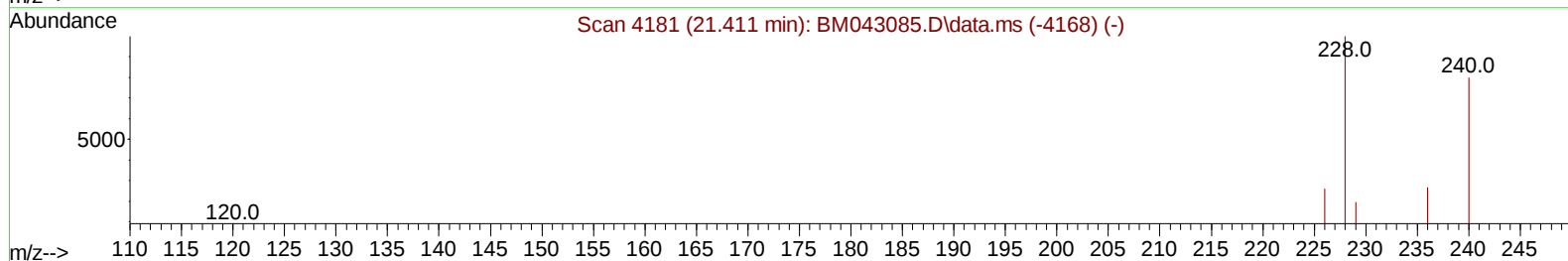
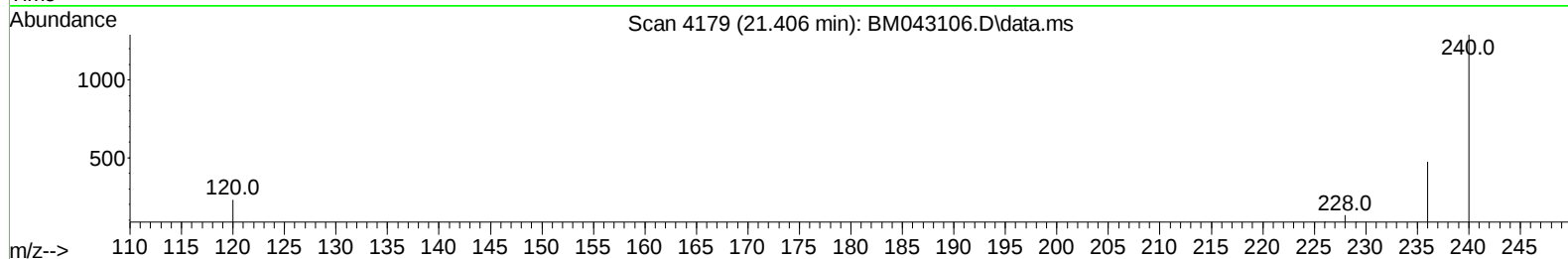
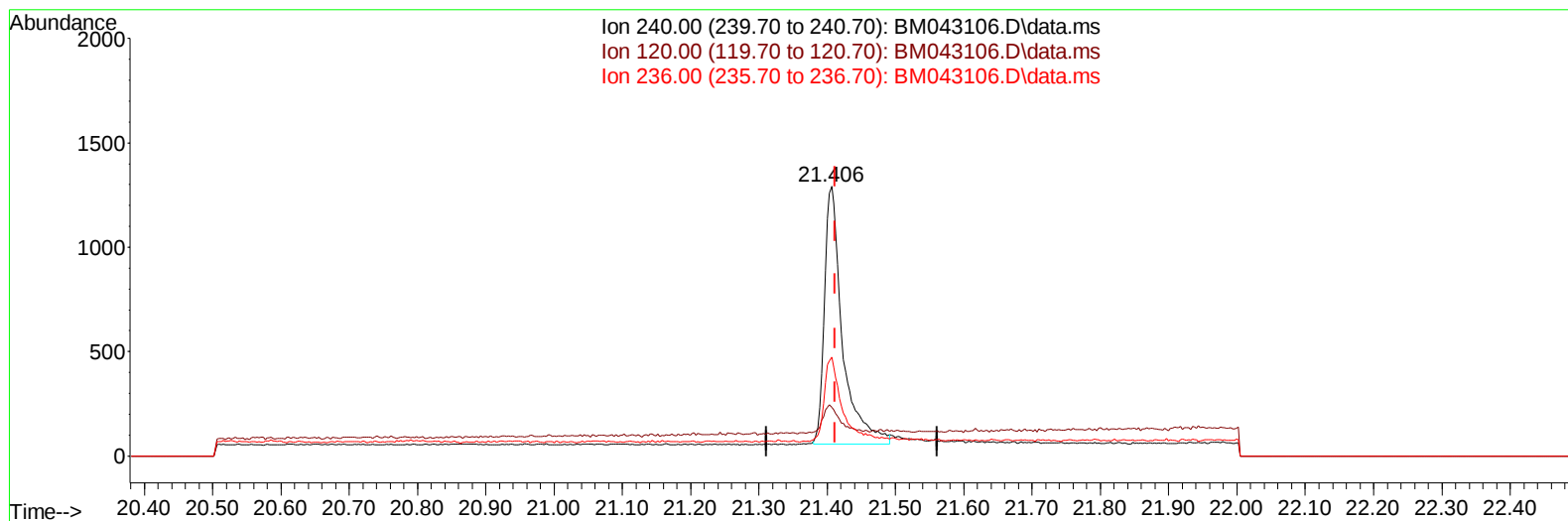
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043106.D
Acq On : 01 Dec 2023 04:32
Operator : MA/JU
Sample : 05459-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Response via : Initial Calibration

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TIC: BM043106.D\data.ms

(17) Chrysene-d12

21.406min (-0.005) 0.40 ng/u1 m

response 2274

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	17.97#
236.00	38.50	36.64
0.00	0.00	0.00

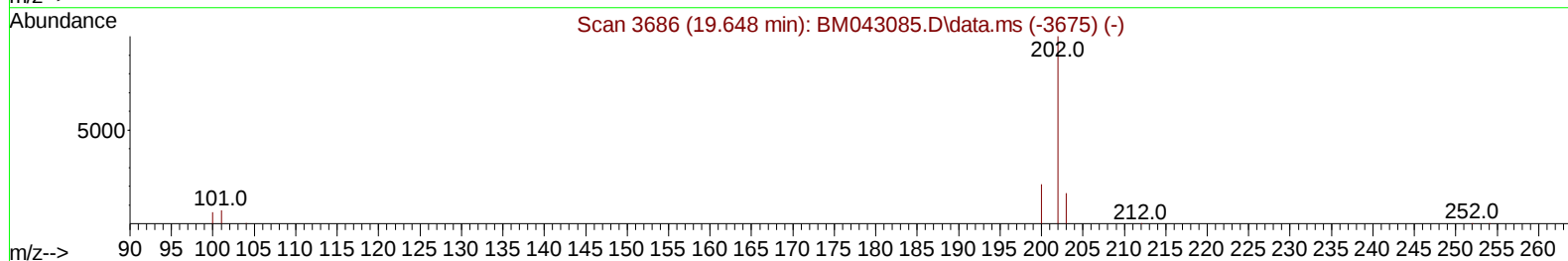
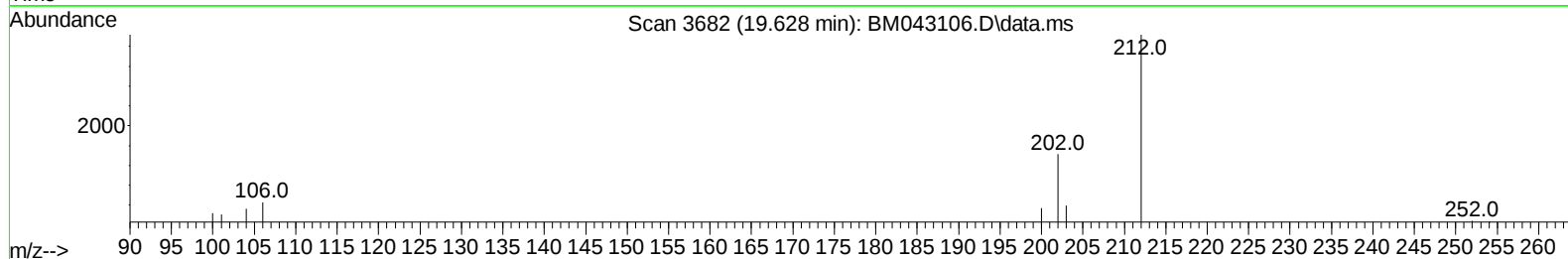
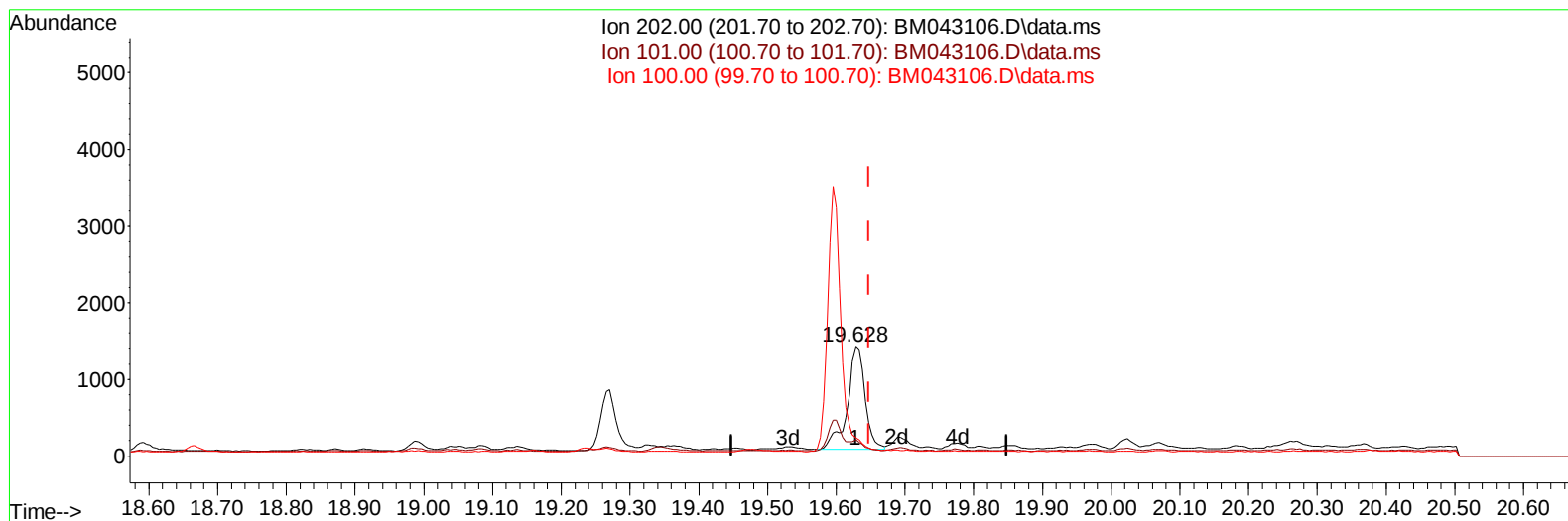
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

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TIC: BM043106.D\data.ms

(20) Pyrene

19.628min (-0.020) 0.17 ng/u1

response 2388

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	14.97#
100.00	9.80	16.87#
0.00	0.00	0.00

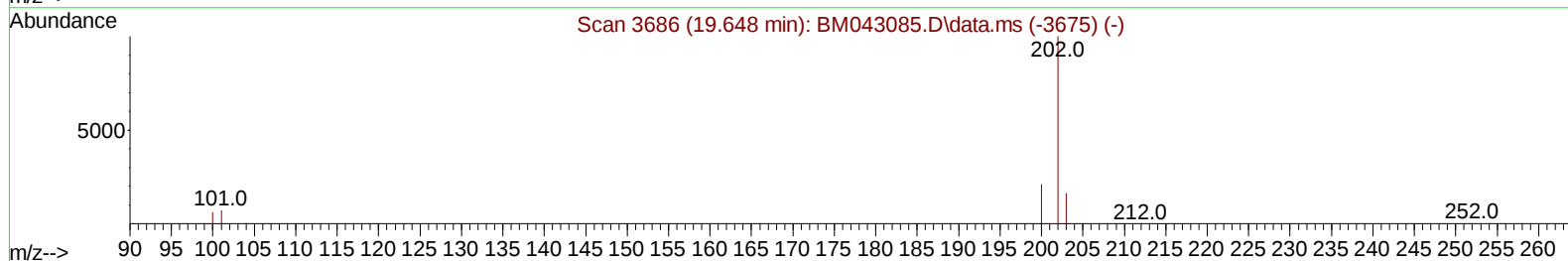
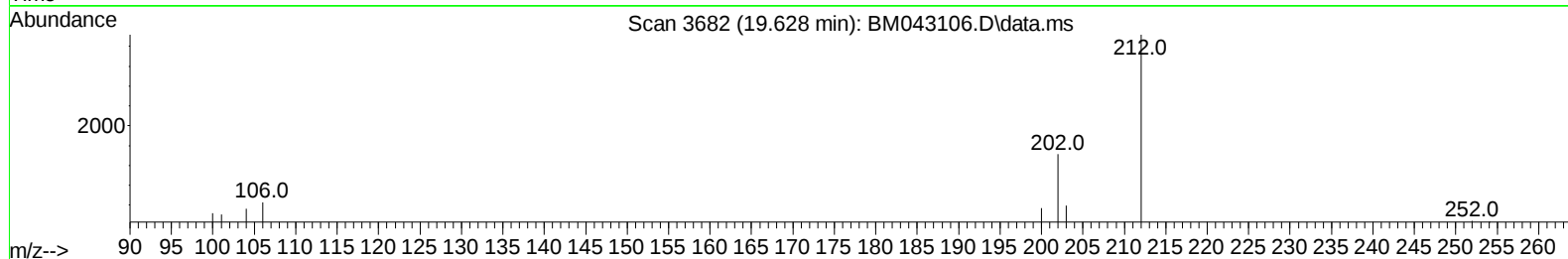
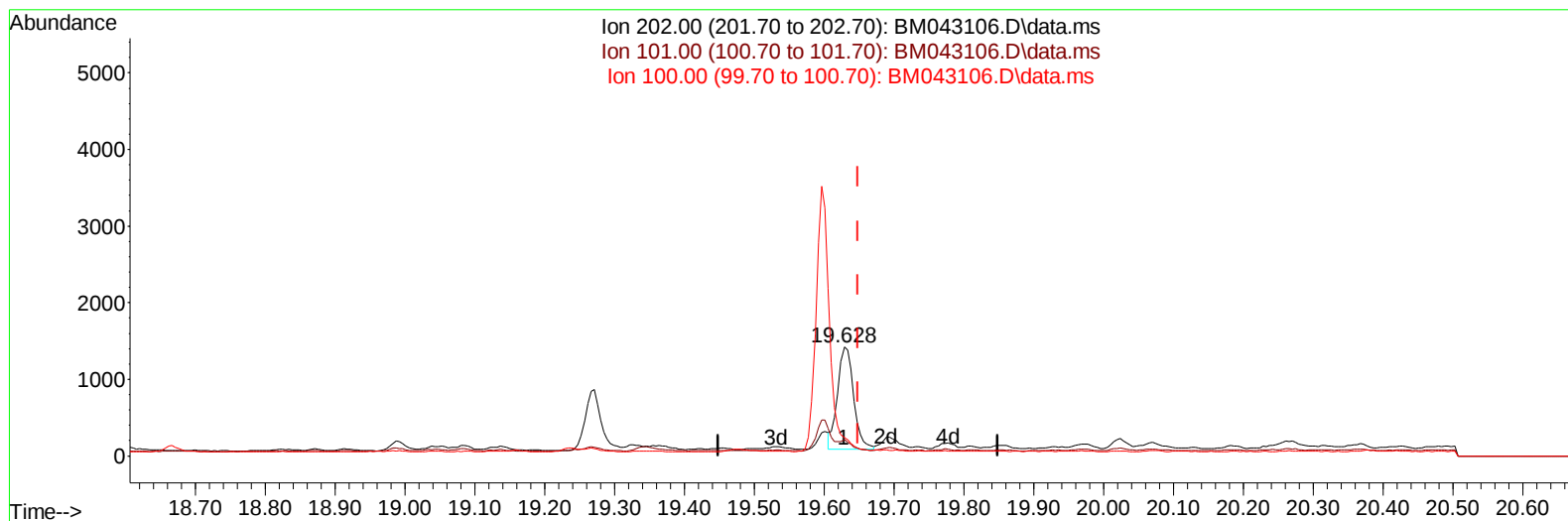
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043106.D\data.ms

(20) Pyrene

19.628min (-0.020) 0.15 ng/ul m

response 2105

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	14.97#
100.00	9.80	16.87#
0.00	0.00	0.00

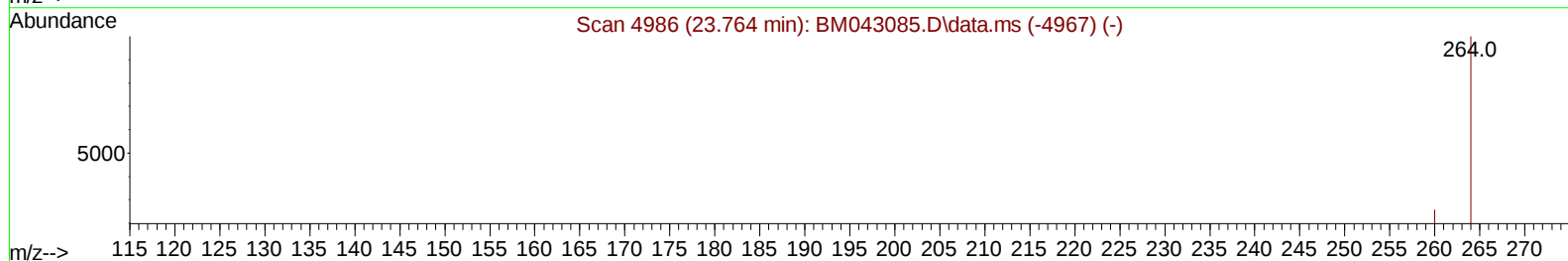
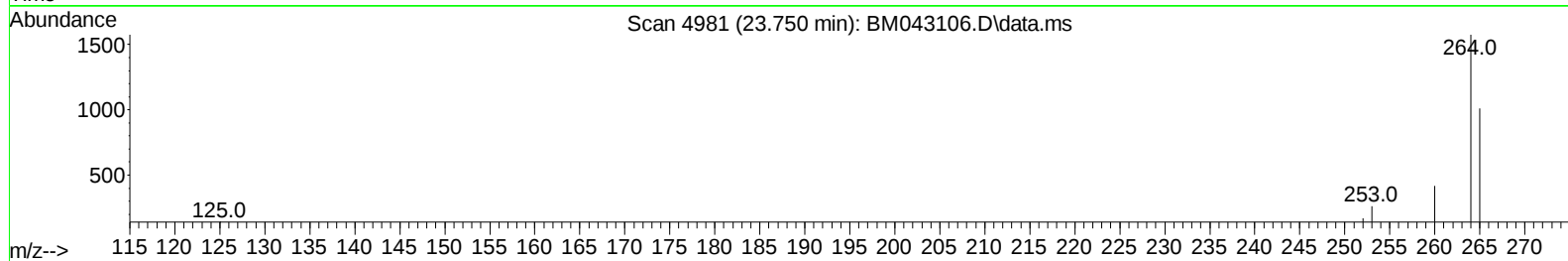
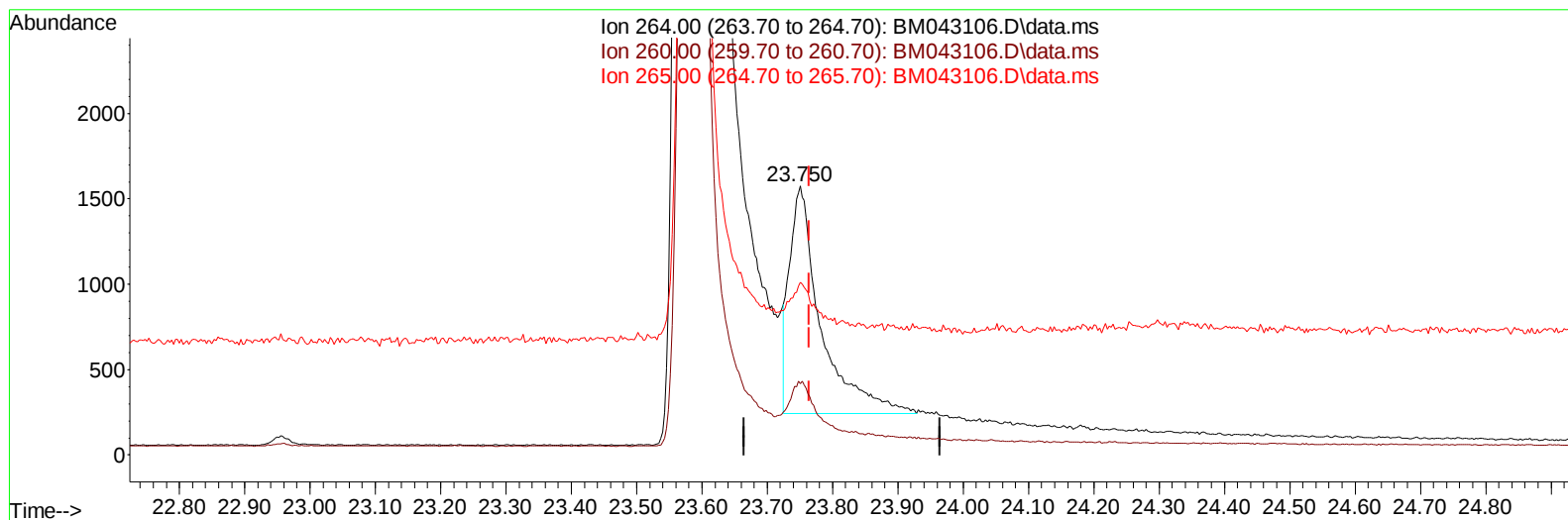
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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TIC: BM043106.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.014) 0.40 ng/u1

response 4447

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.54#
265.00	120.30	64.25#
0.00	0.00	0.00

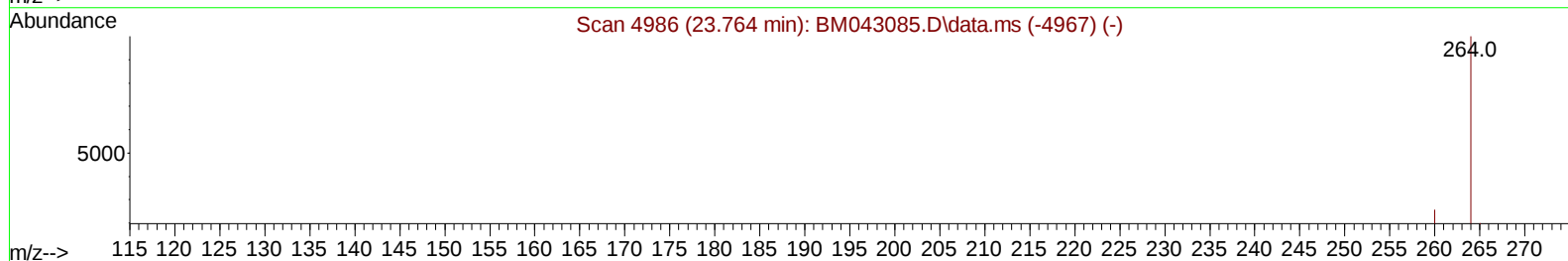
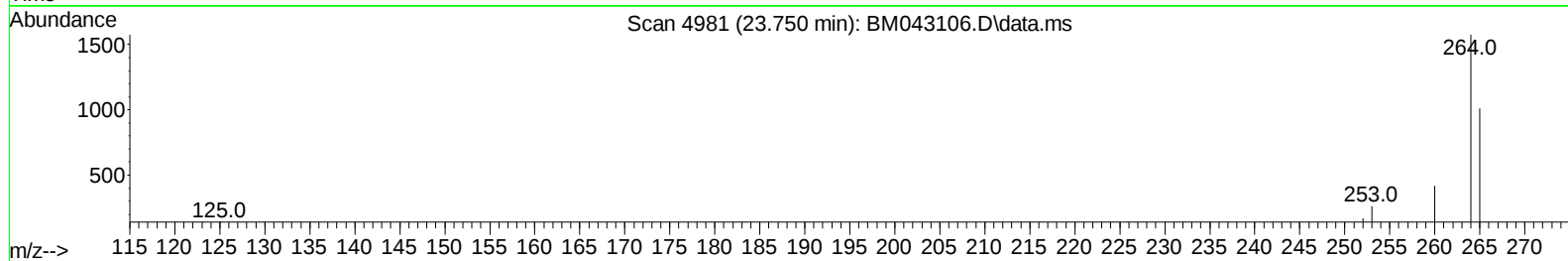
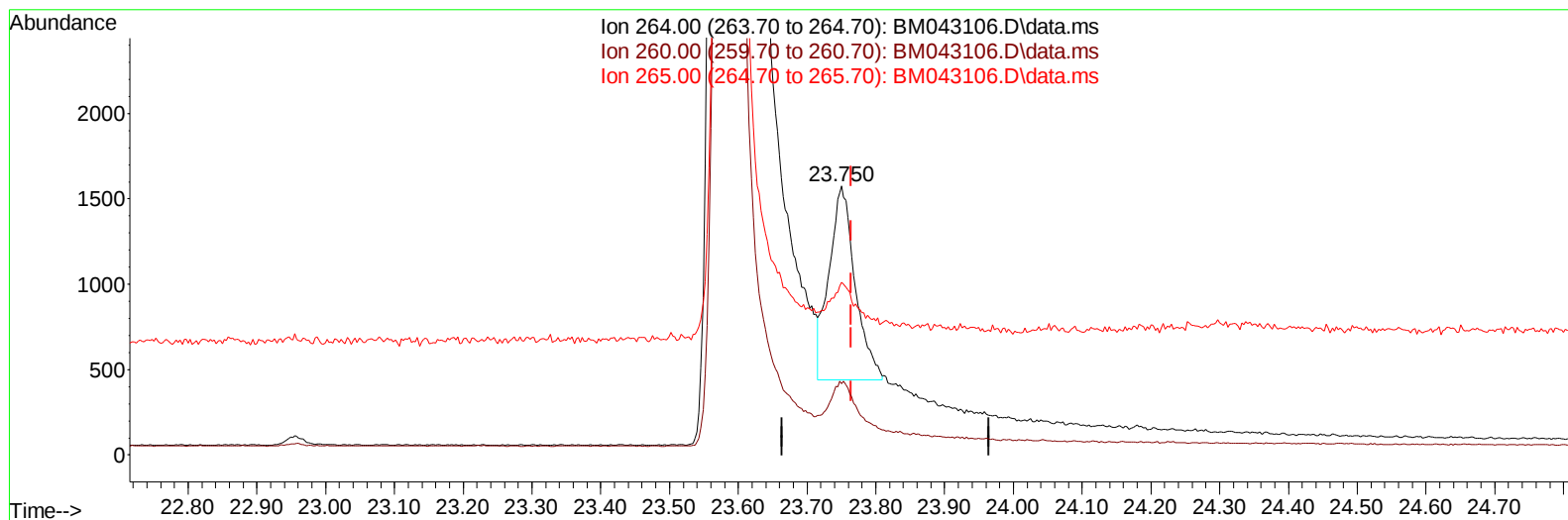
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AJ2

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043106.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.014) 0.40 ng/ul m

response 2992

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.54#
265.00	120.30	64.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	977m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.605	136	2755	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1644m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	3479m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2274m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	2992m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3198	2.133	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	964	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	2454	0.296	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.655	128	1543	0.206	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	1240	0.281	ng/ul	96
8) 1-Methylnaphthalene	12.503	142	909	0.185	ng/ul	94
15) Phenanthrene	17.246	178	2549	0.257	ng/ul	100
19) Fluoranthene	19.270	202	1275	0.099	ng/ul#	92
20) Pyrene	19.628	202	2105m	0.154	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043106.D
Acq On : 01 Dec 2023 04:32
Operator : MA/JU
Sample : 05459-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Manual IntegrationsAPPROVED

Quant Time: Dec 01 05:20:22 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

