

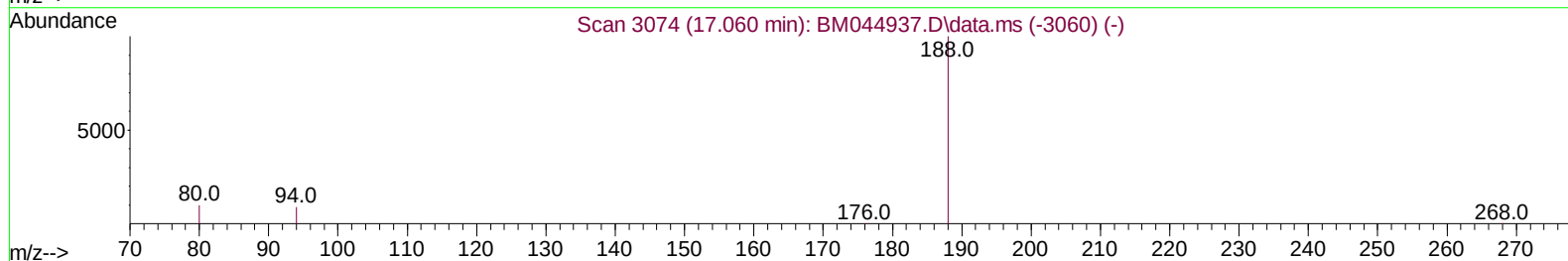
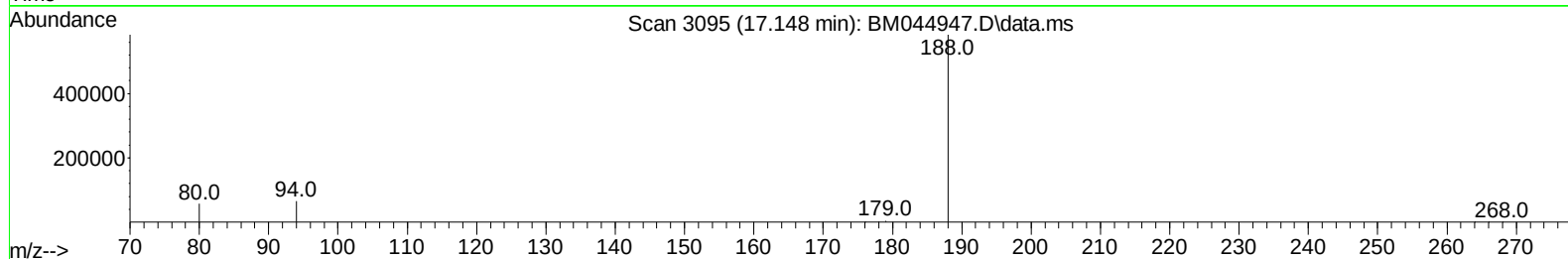
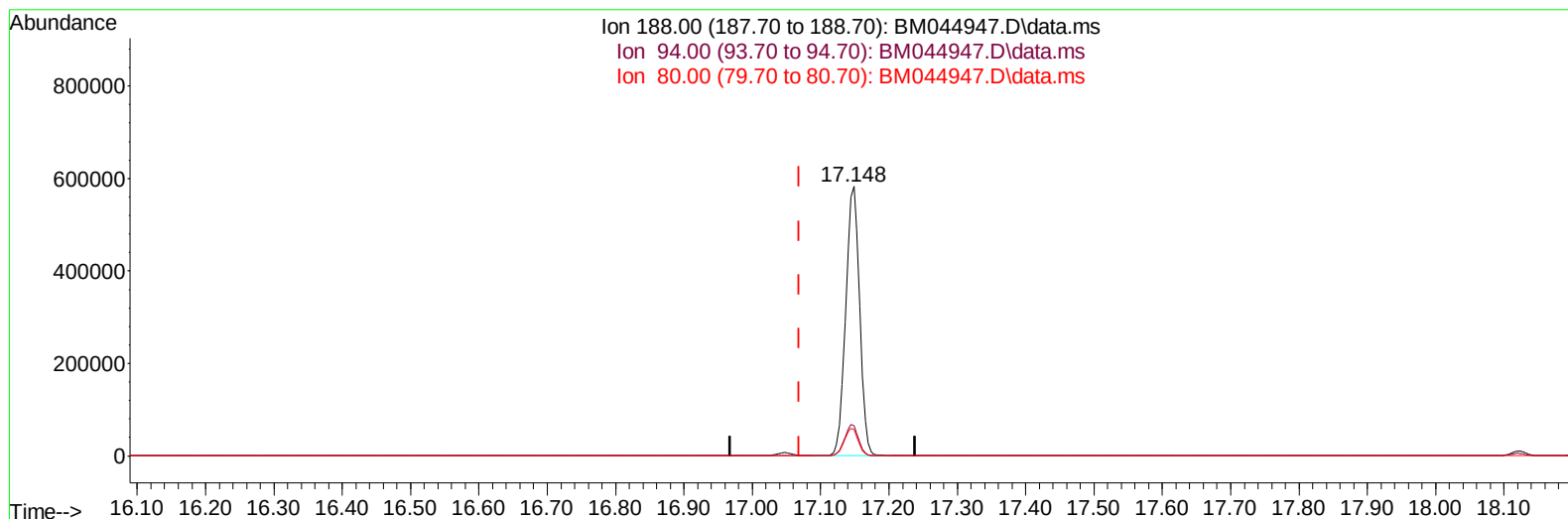
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



TIC: BM044947.D\data.ms

(13) Phenanthrene-d10 (I)

17.148min (+ 0.080) 0.40 ng/u1

response 821454

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.16
80.00	11.80	9.70
0.00	0.00	0.00

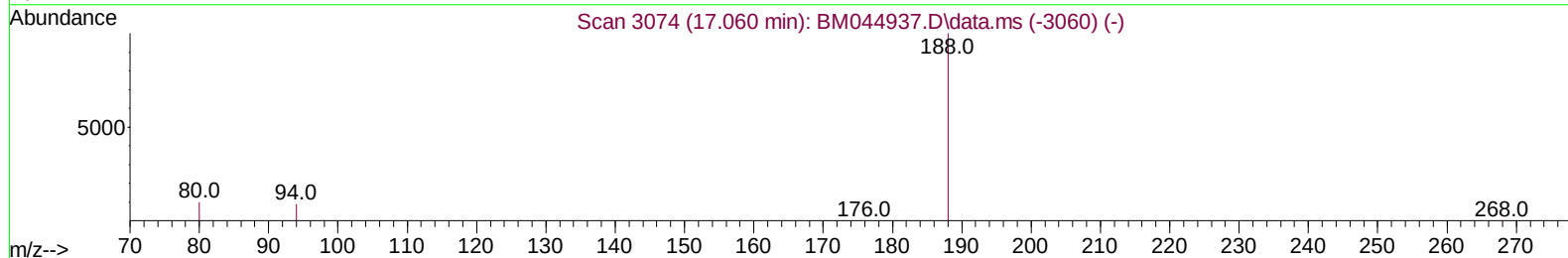
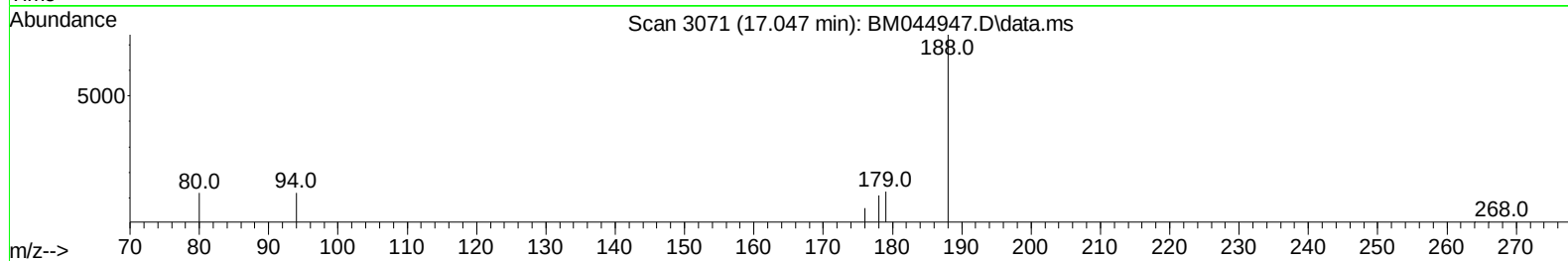
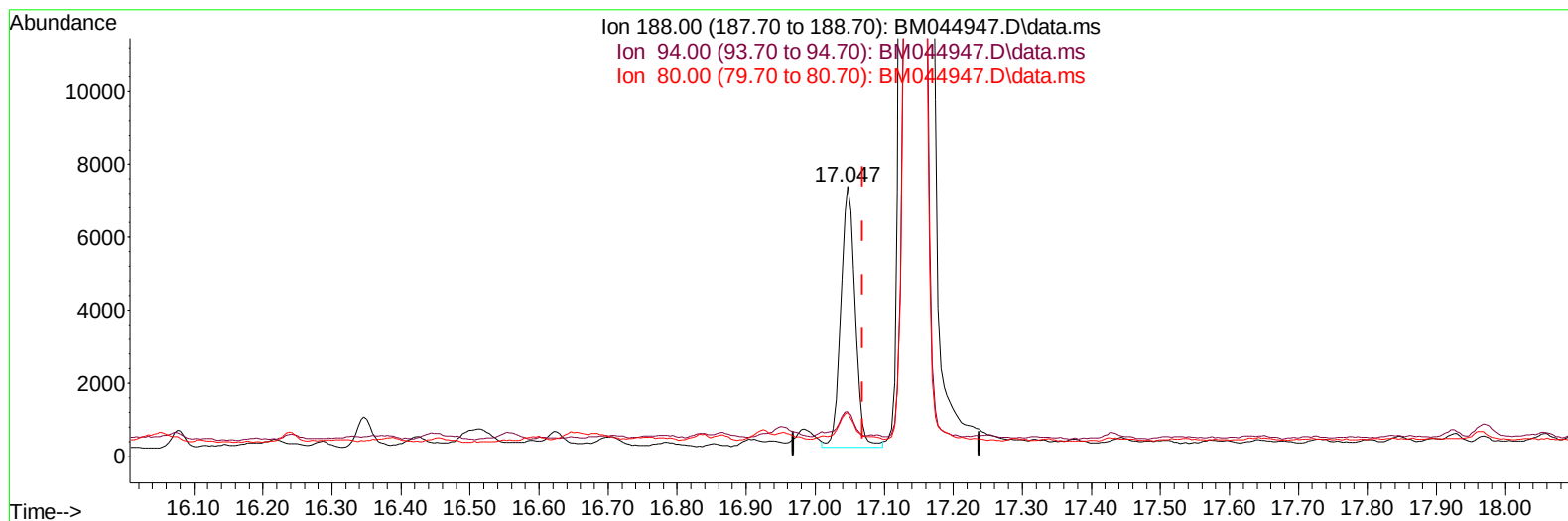
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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TIC: BM044947.D\data.ms

(13) Phenanthrene-d10 (I)

17.047min (-0.021) 0.40 ng/ul m

response 10307

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	16.31#
80.00	11.80	16.21#
0.00	0.00	0.00

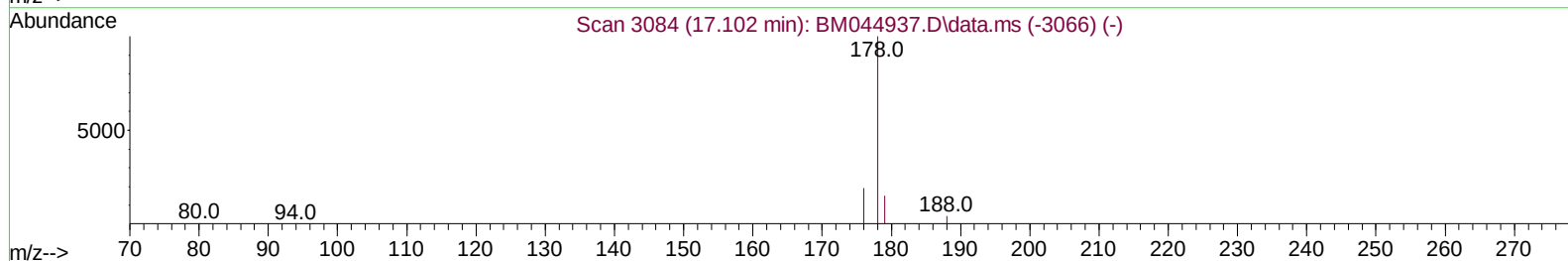
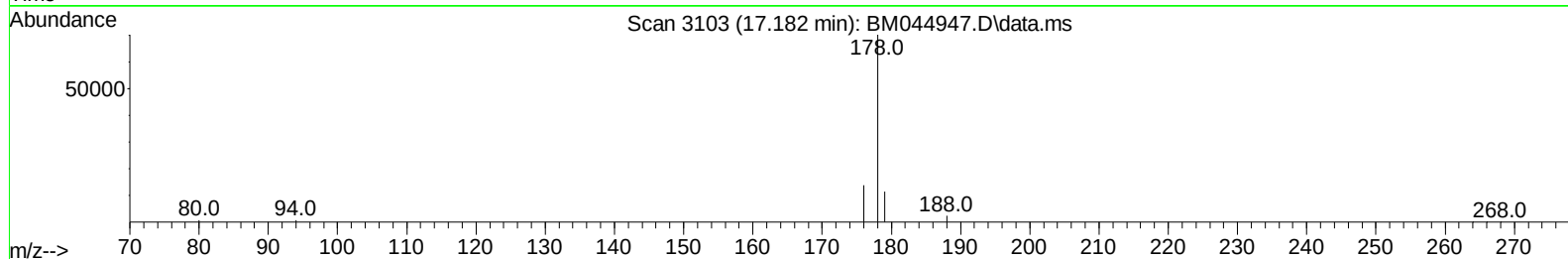
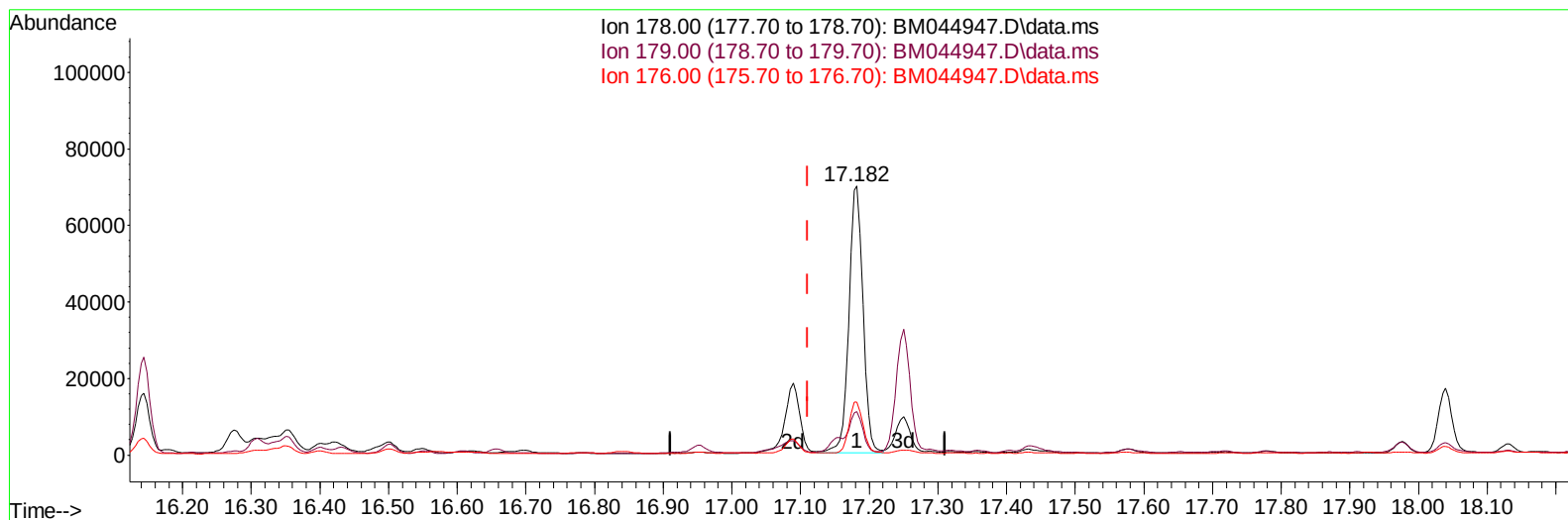
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
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TIC: BM044947.D\data.ms

(15) Phenanthrene

17.182min (+ 0.072) 3.41 ng/u1

response 99035

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.19
176.00	21.20	19.65
0.00	0.00	0.00

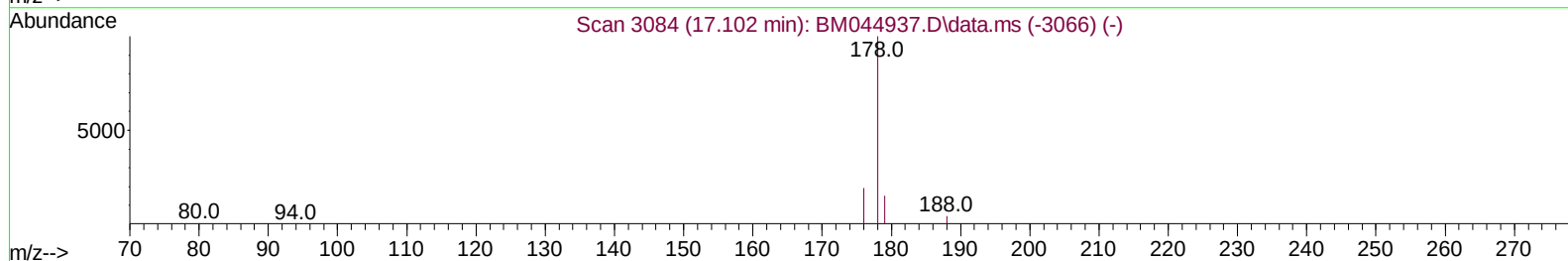
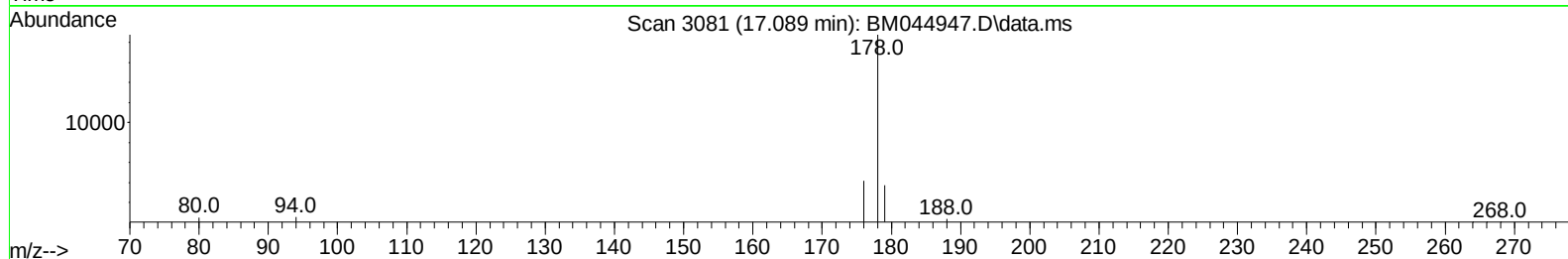
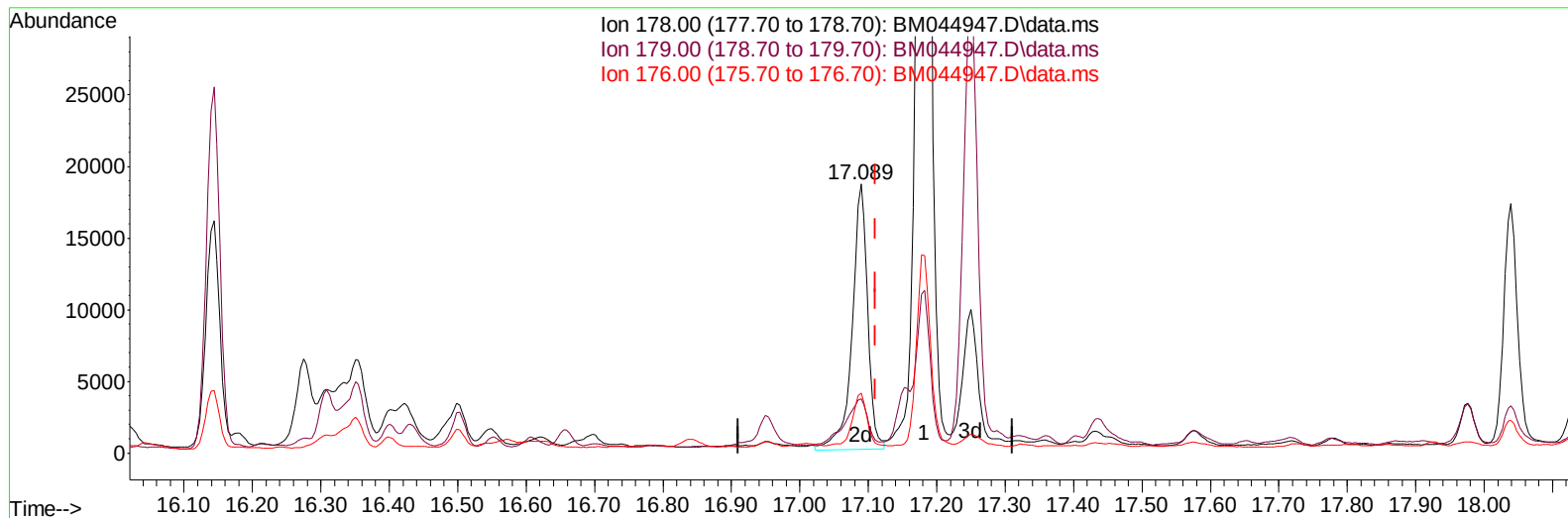
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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QLast Update : Wed Apr 03 23:34:03 2024
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TIC: BM044947.D\data.ms

(15) Phenanthrene

17.089min (-0.021) 1.00 ng/ul m

response 29102

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	20.07
176.00	21.20	22.33
0.00	0.00	0.00

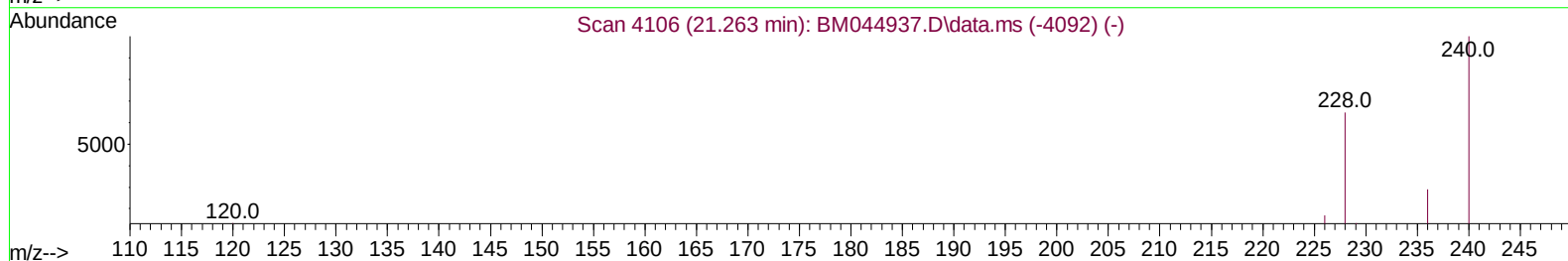
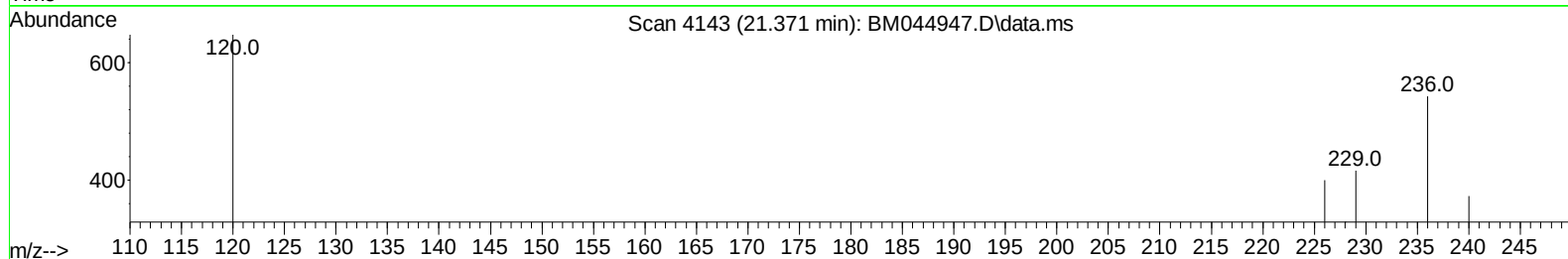
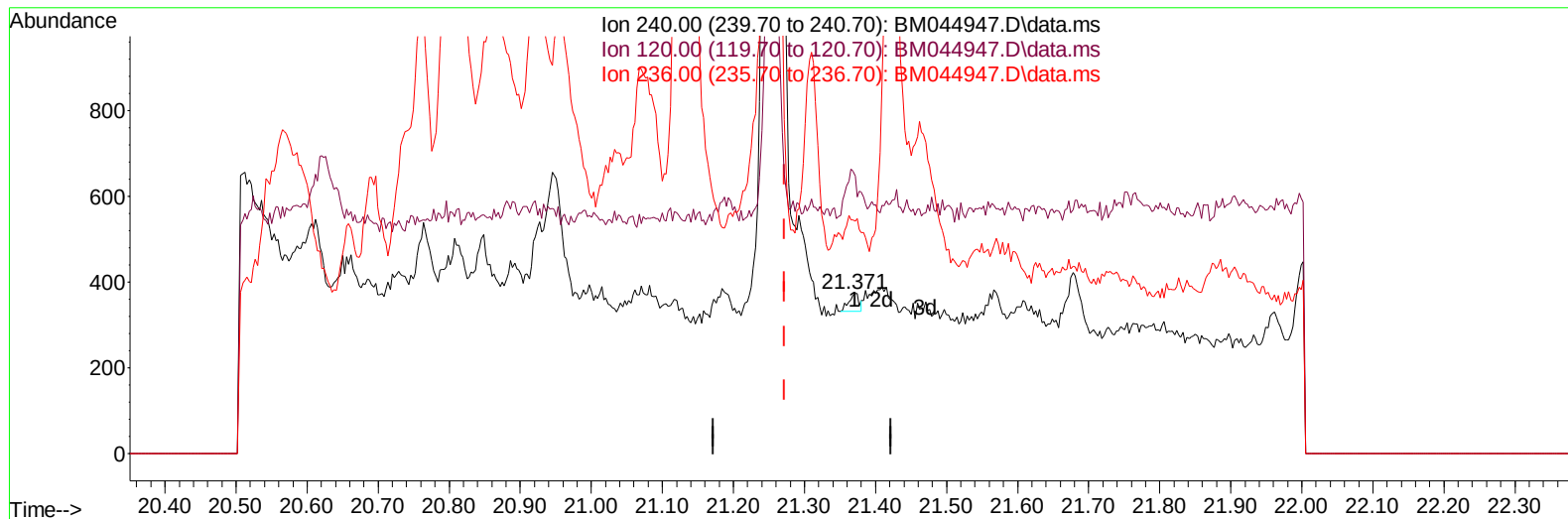
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

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TIC: BM044947.D\data.ms

(17) Chrysene-d12

21.371min (+ 0.099) 0.40 ng/u1

response 42

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	173.73#
236.00	31.10	145.58#
0.00	0.00	0.00

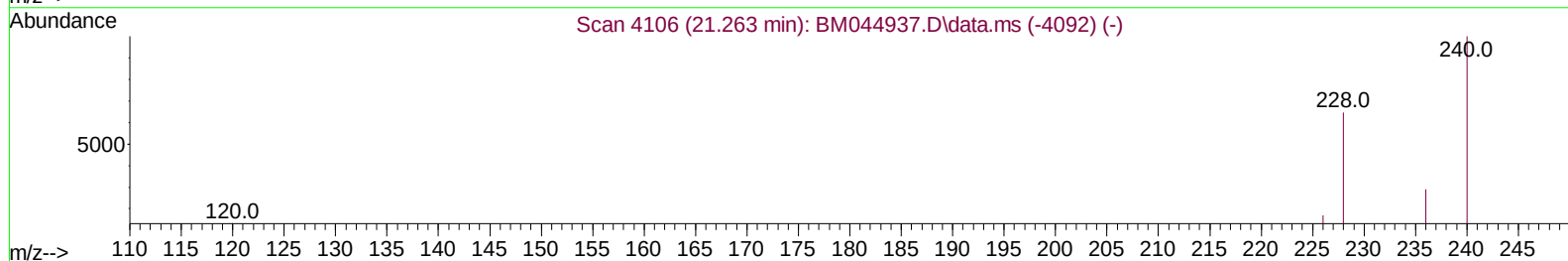
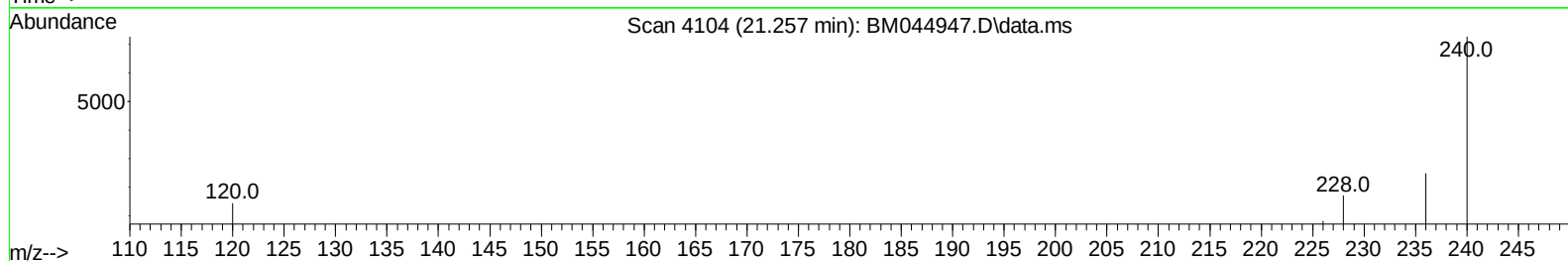
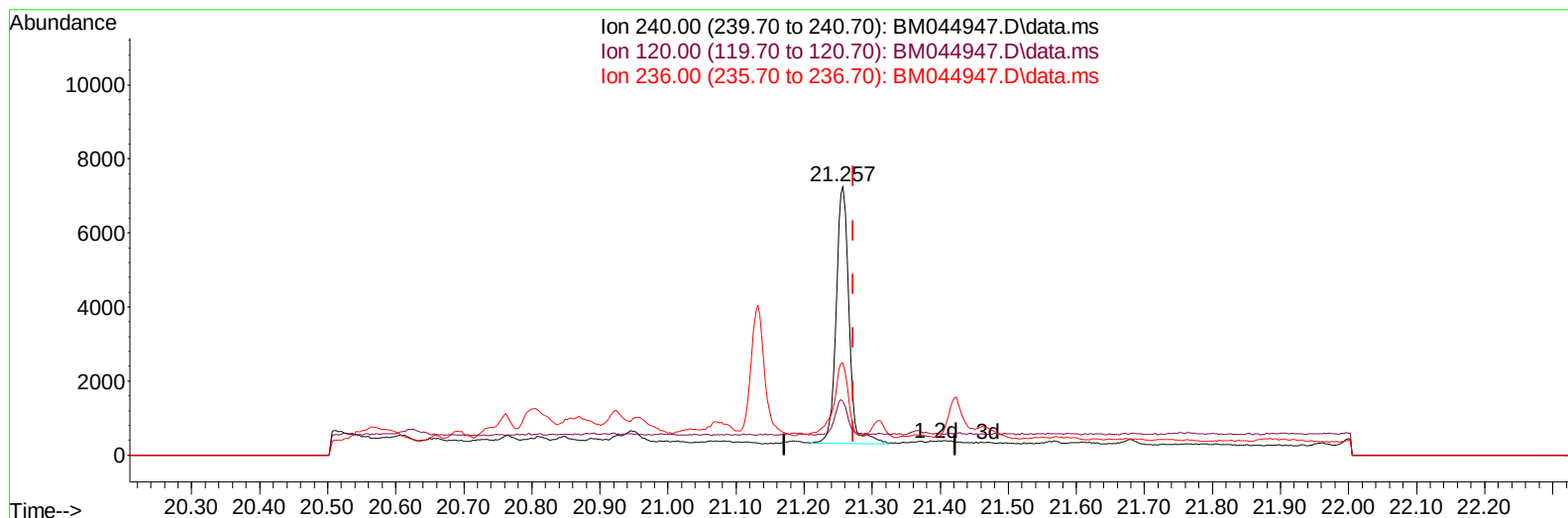
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 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:34:03 2024
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TIC: BM044947.D\data.ms

(17) Chrysene-d12

21.257min (-0.015) 0.40 ng/ul m

response 9111

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	20.01
236.00	31.10	34.30
0.00	0.00	0.00

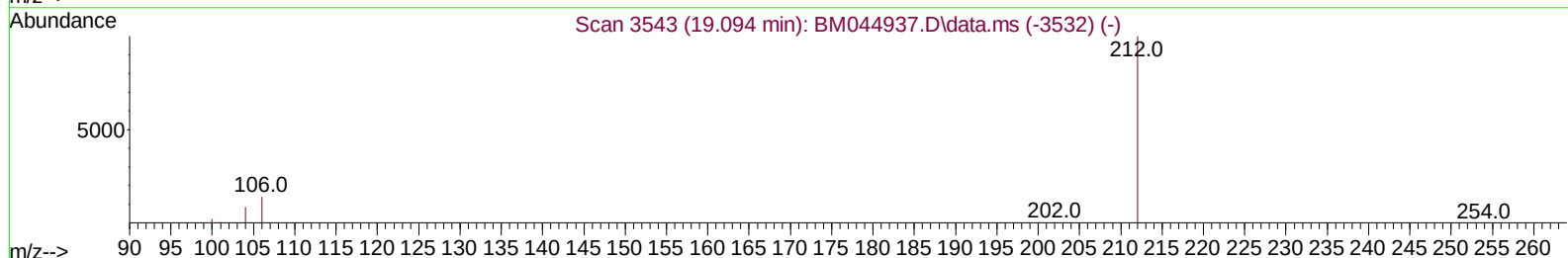
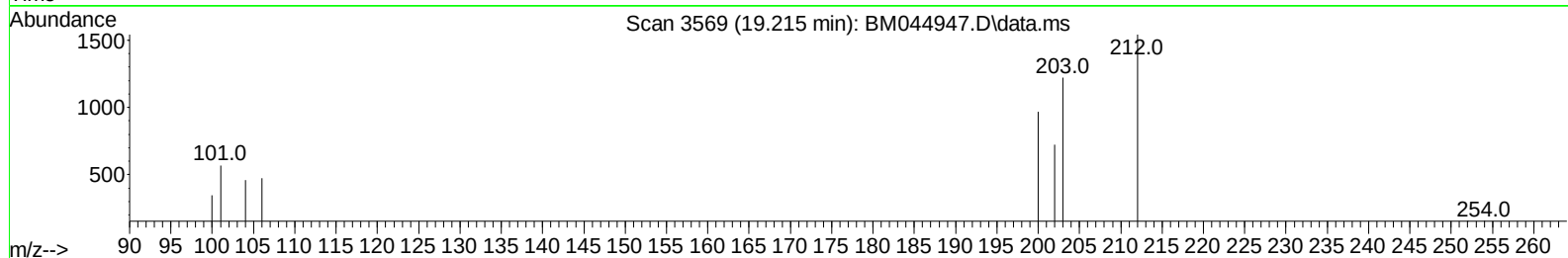
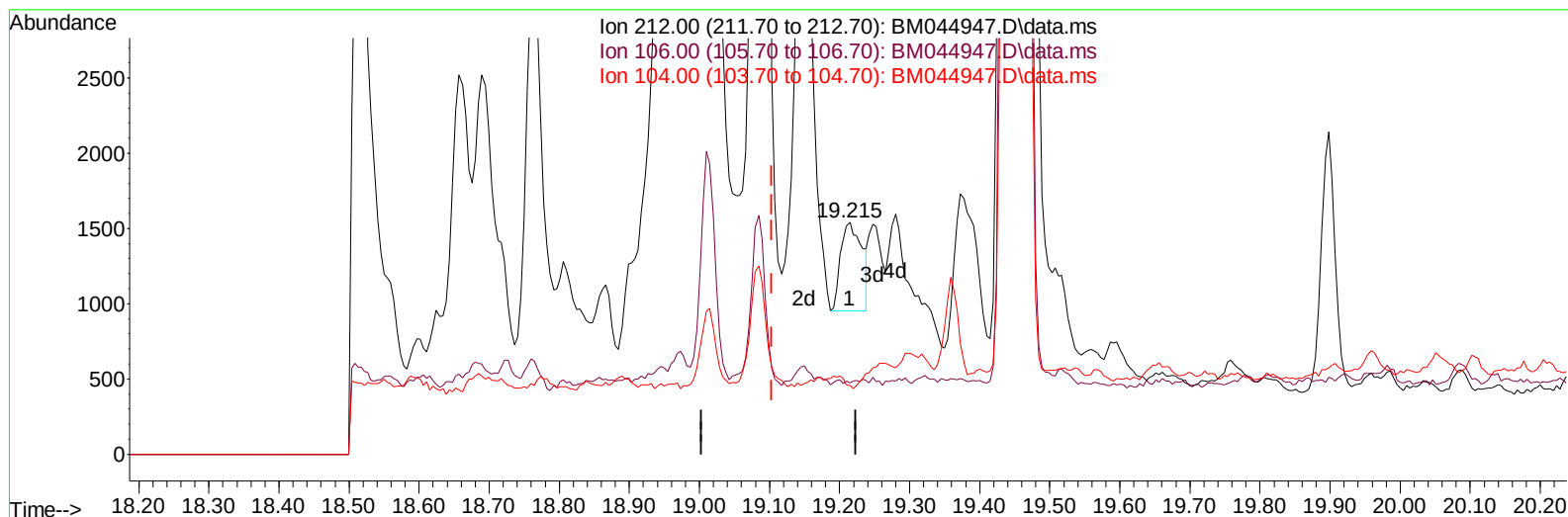
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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TIC: BM044947.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.215min (+ 0.111) 0.05 ng/u1

response 1240

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	13.90	1.77#
104.00	8.60	7.82
0.00	0.00	0.00

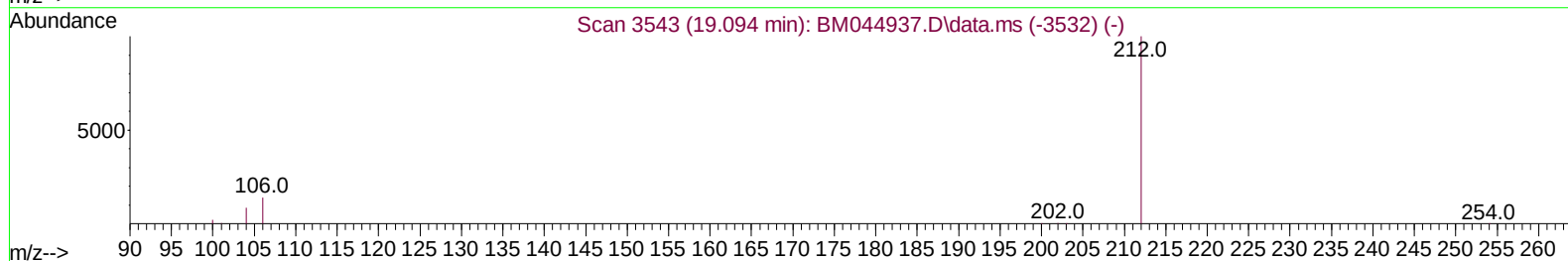
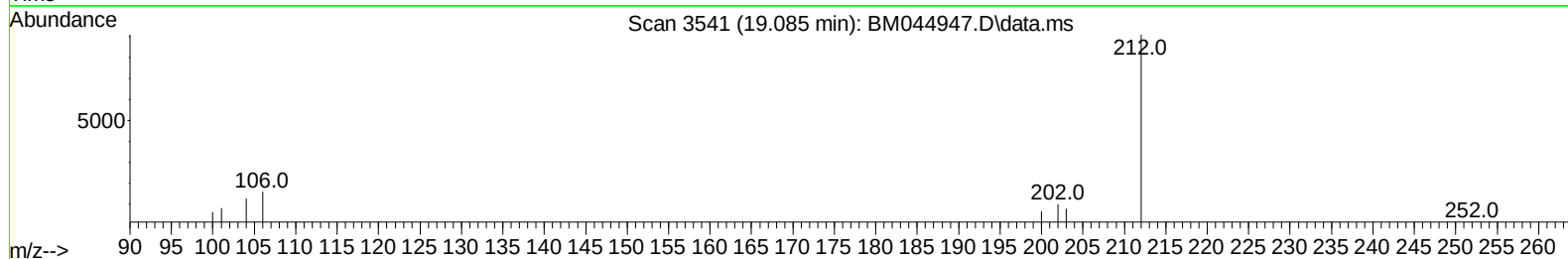
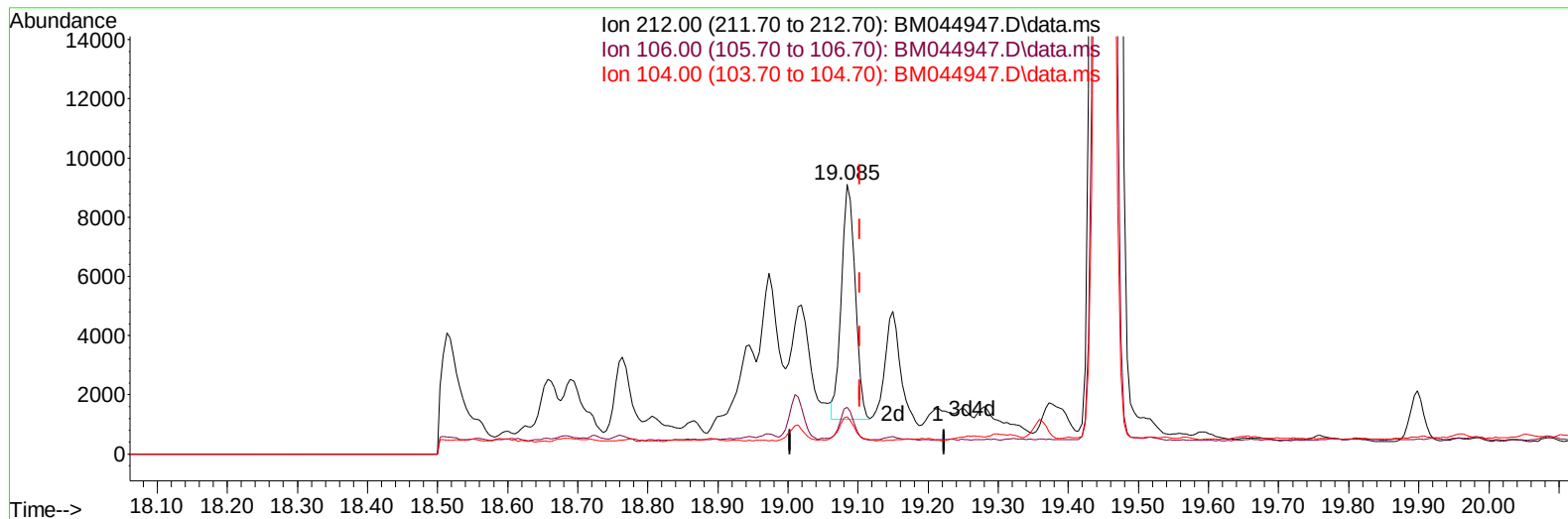
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
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TIC: BM044947.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.085min (-0.019) 0.47 ng/ul m

response 10750

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	13.90	0.20#
104.00	8.60	0.90#
0.00	0.00	0.00

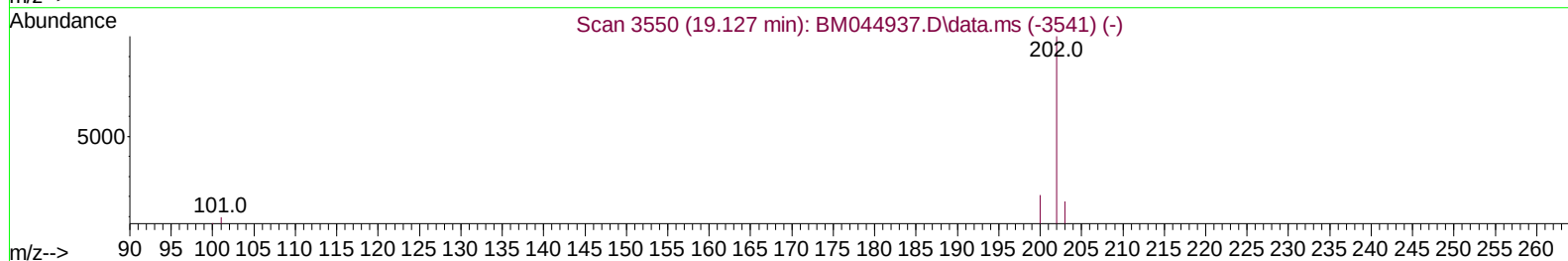
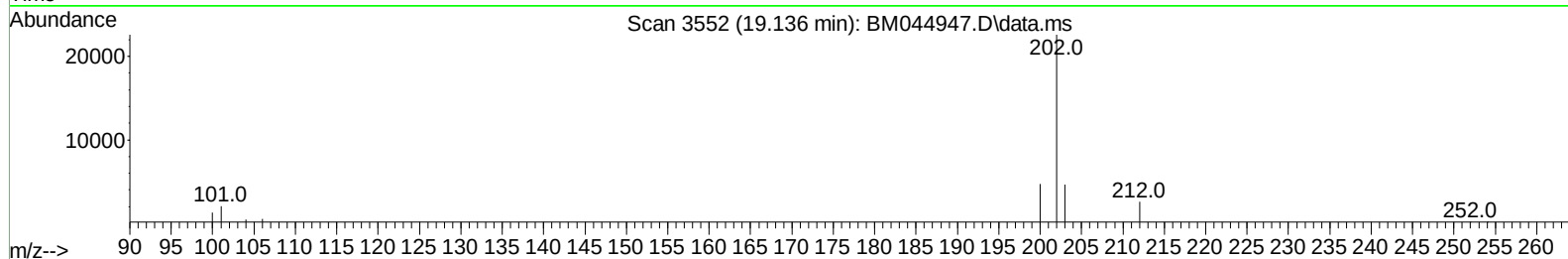
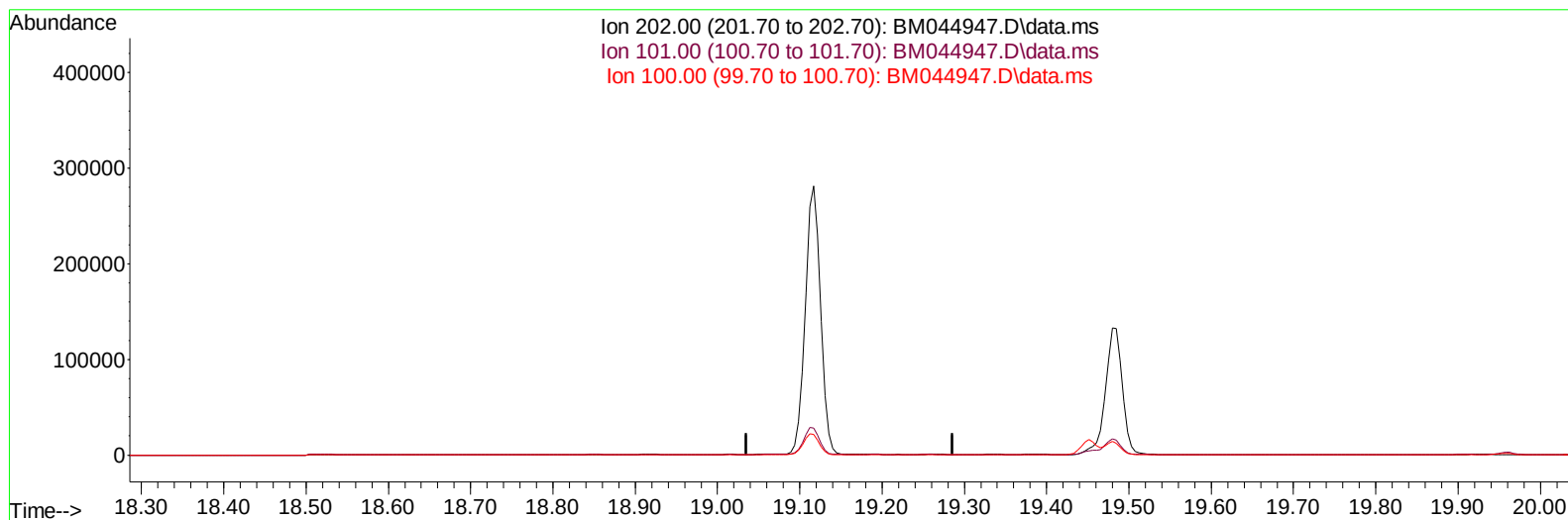
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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TIC: BM044947.D\data.ms

(19) Fluoranthene (C)

19.136min (-19.136) 0.00 ng/ul

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	11.00	0.00#
100.00	8.70	0.00#
0.00	0.00	0.00

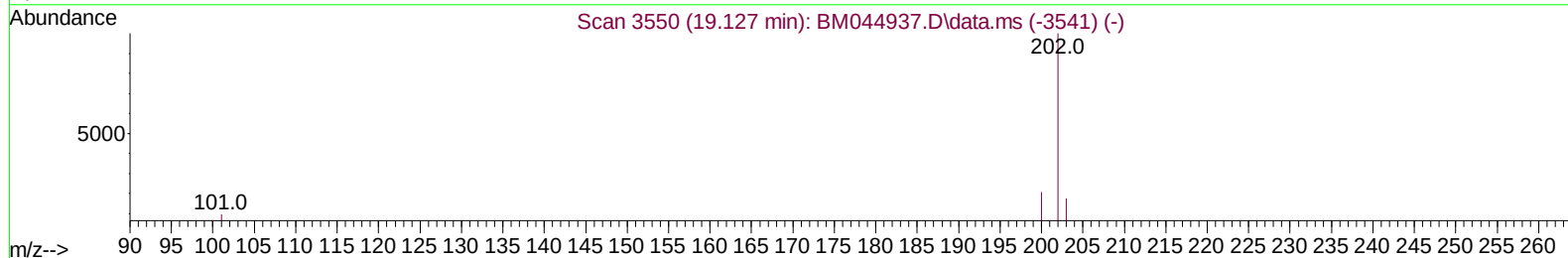
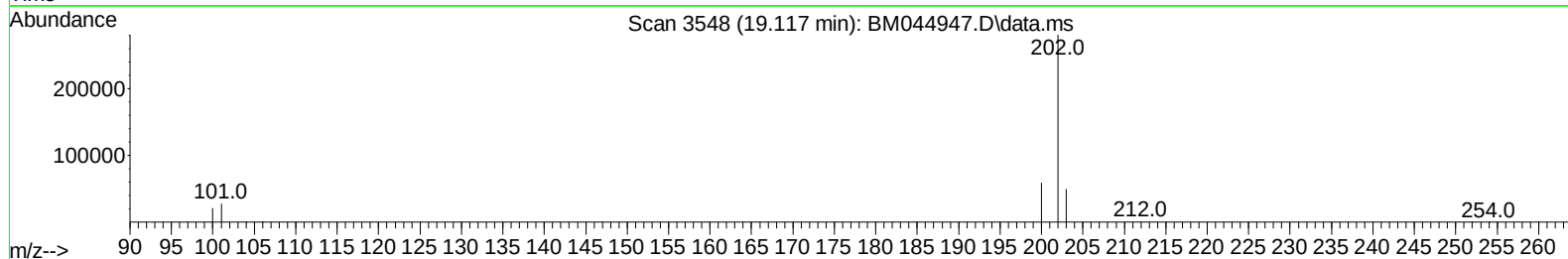
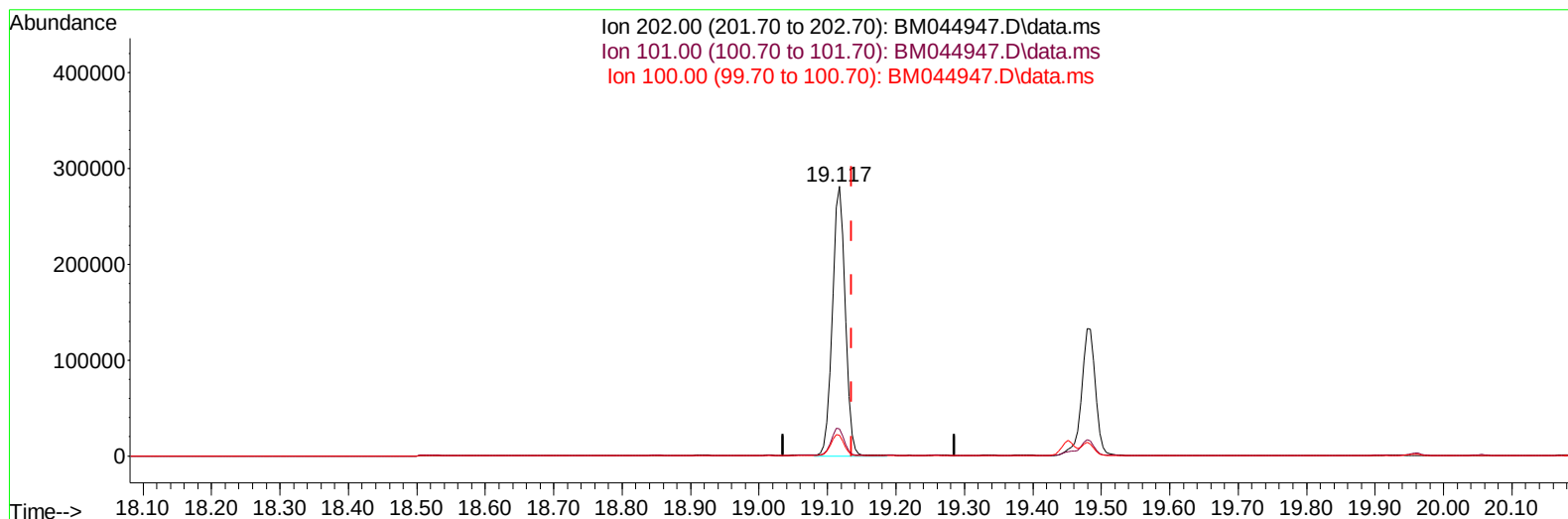
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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TIC: BM044947.D\data.ms

(19) Fluoranthene (C)

19.117min (-0.019) 11.29 ng/ul m

response 367605

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	10.01
100.00	8.70	7.63
0.00	0.00	0.00

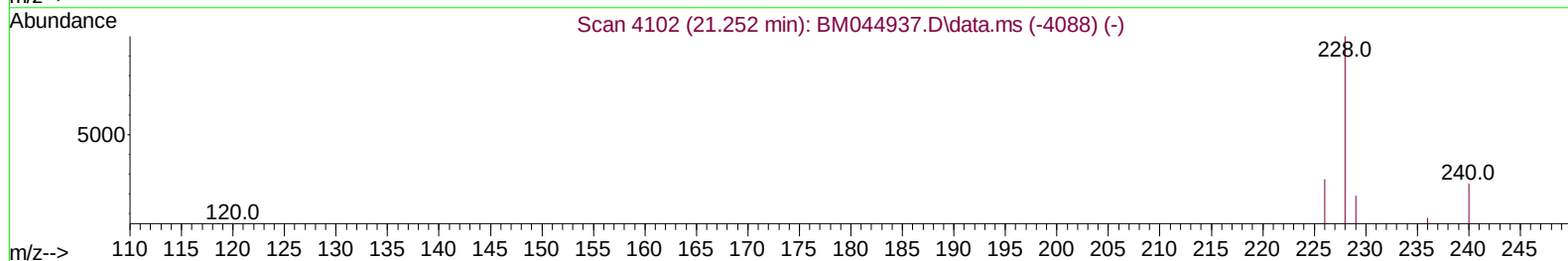
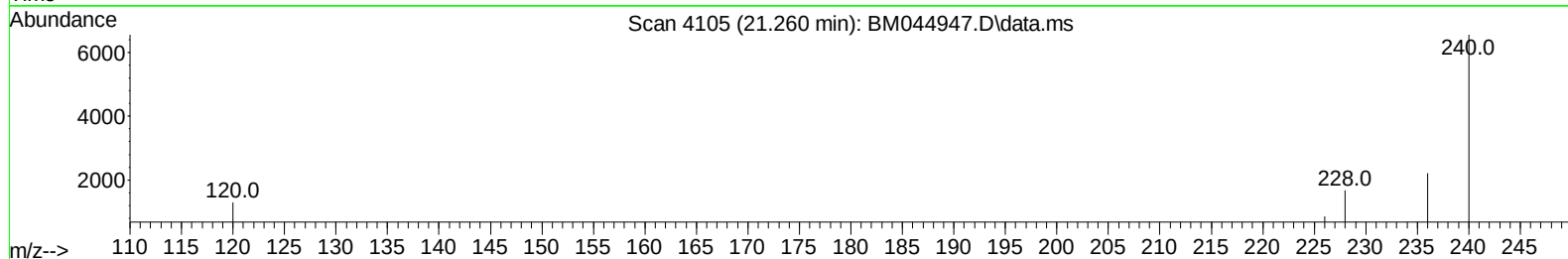
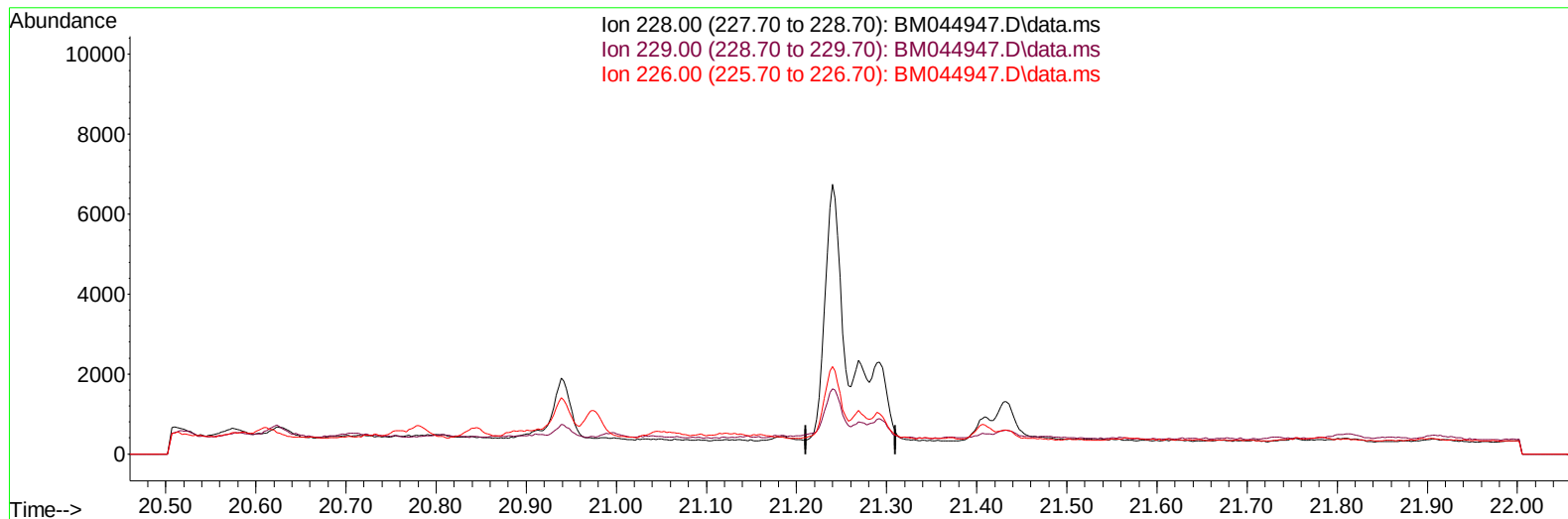
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

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TIC: BM044947.D\data.ms

(21) Benzo(a)anthracene

21.260min (-21.260) 0.00 ng/u1

response 0

Ion	Exp%	Act%
228.00	100.00	0.00
229.00	20.50	0.00#
226.00	27.90	0.00#
0.00	0.00	0.00

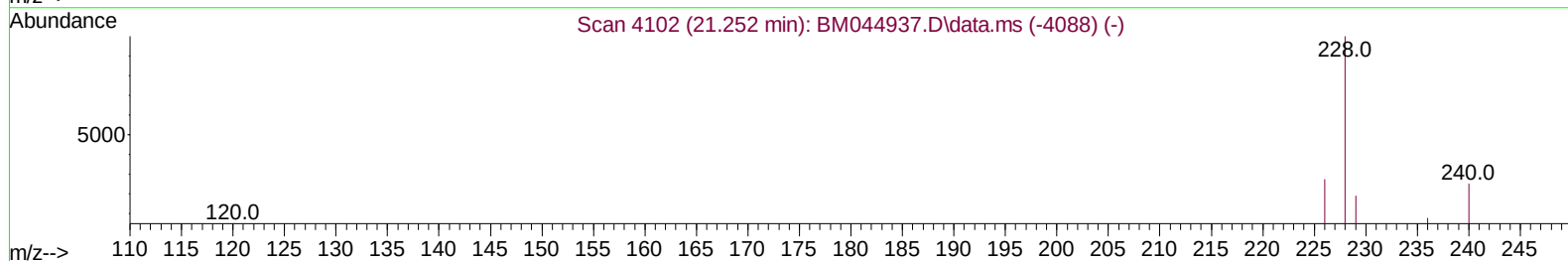
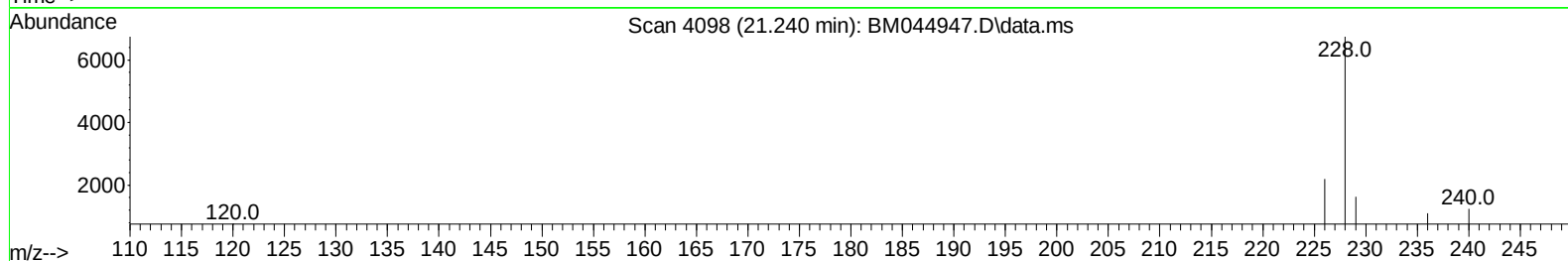
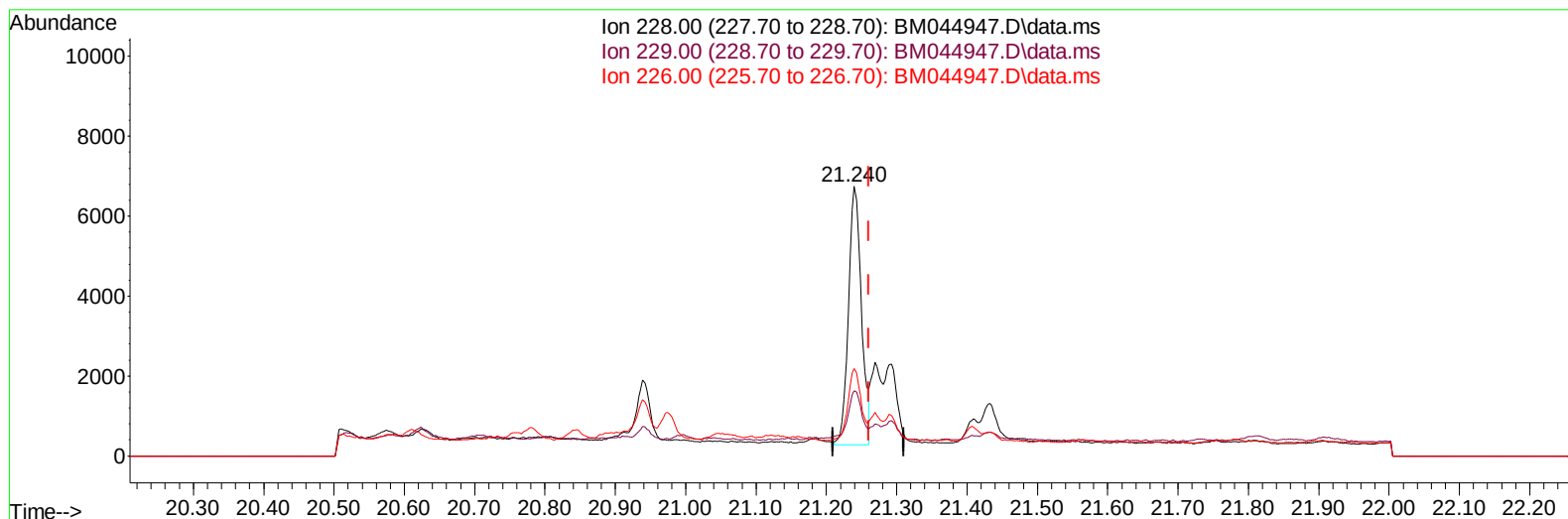
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

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TIC: BM044947.D\data.ms

(21) Benzo(a)anthracene

21.240min (-0.021) 0.26 ng/ul m

response 8335

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	24.17
226.00	27.90	32.42
0.00	0.00	0.00

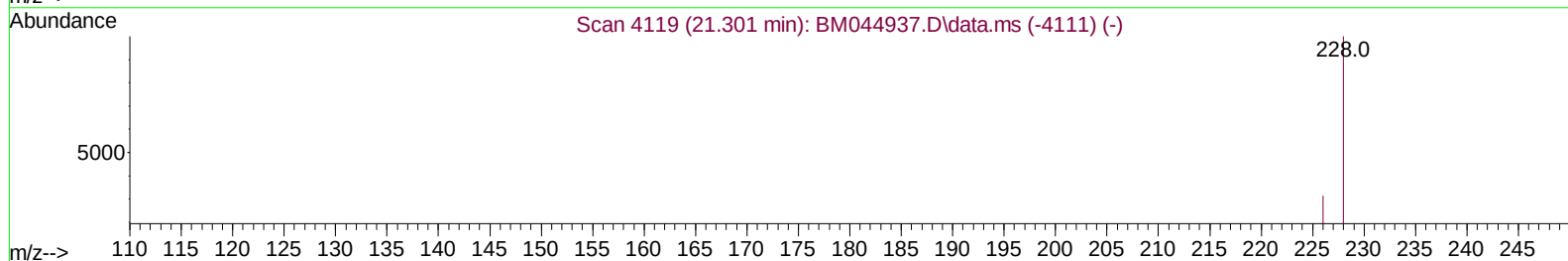
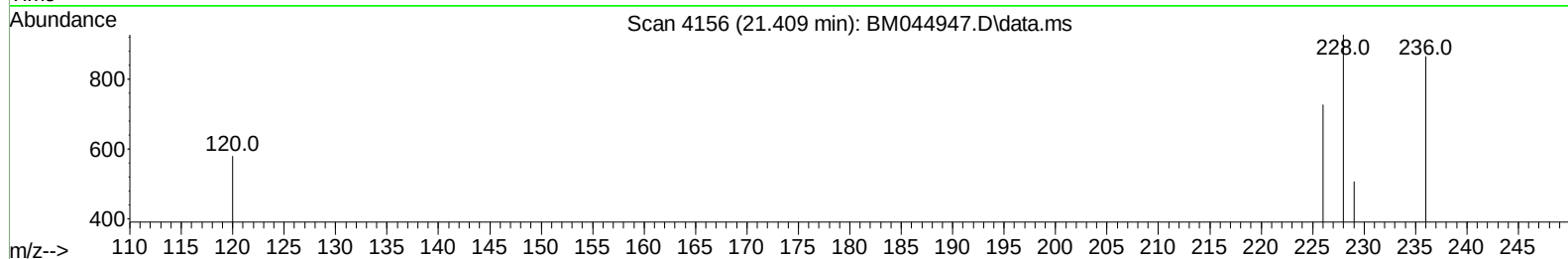
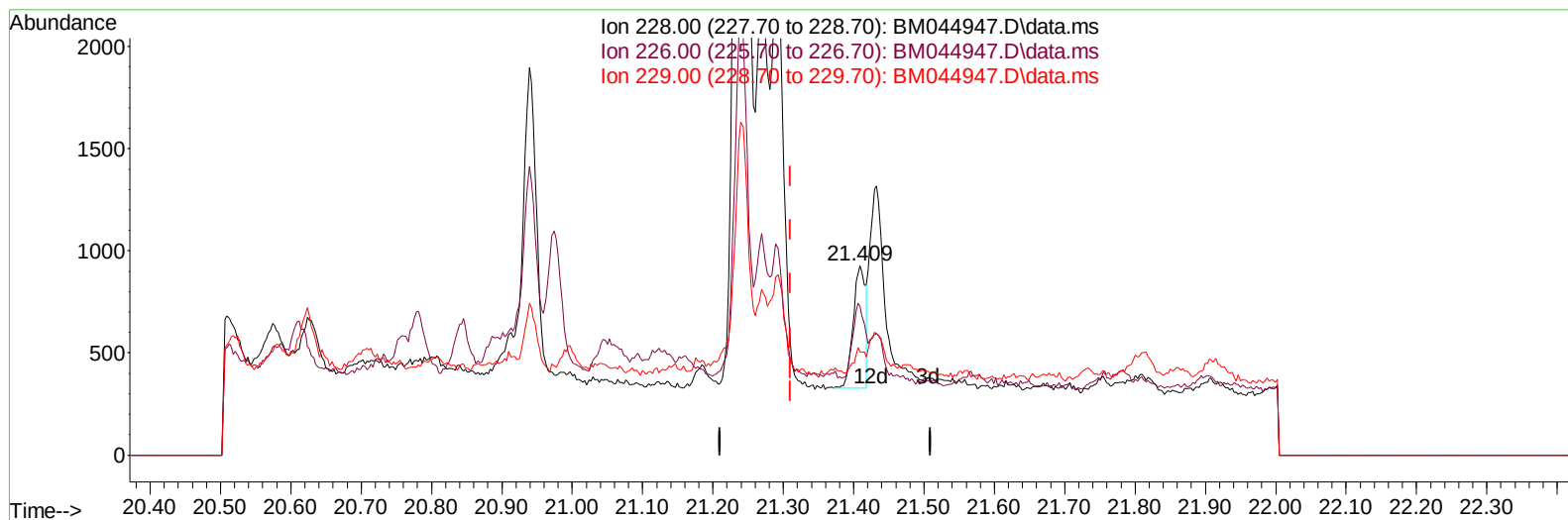
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

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TIC: BM044947.D\data.ms

(22) Chrysene

21.409min (+ 0.099) 0.02 ng/u1

response 743

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	78.34#
229.00	19.90	54.53#
0.00	0.00	0.00

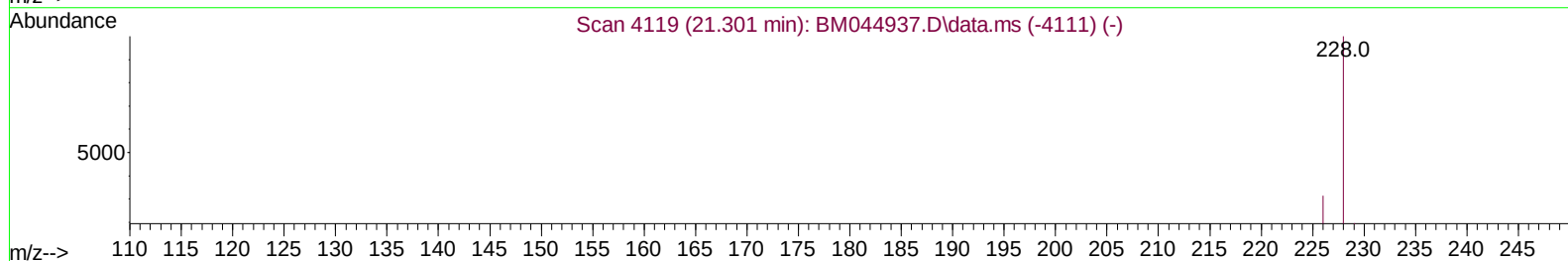
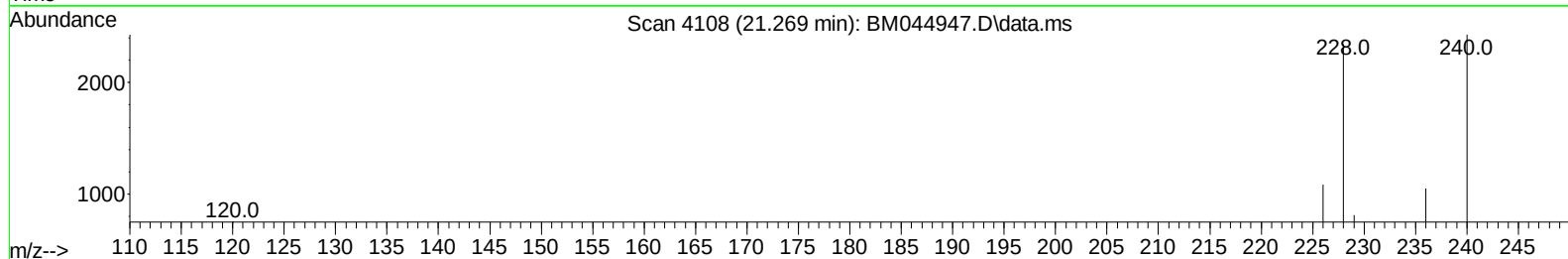
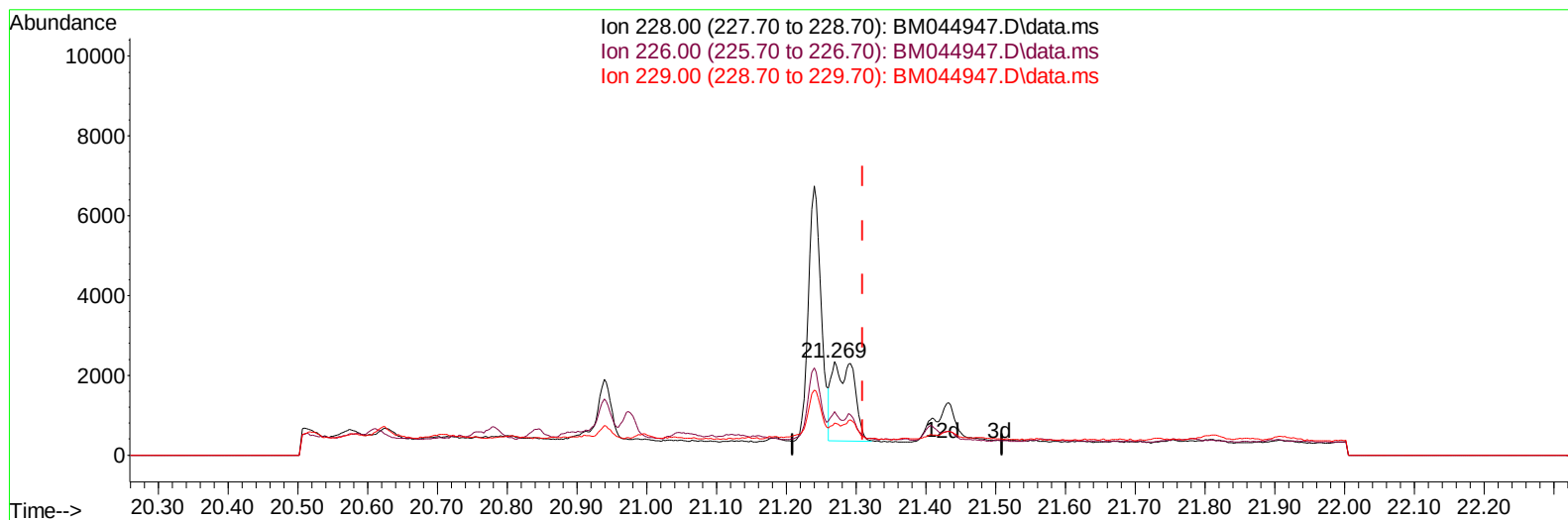
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



TIC: BM044947.D\data.ms

(22) Chrysene

21.269min (-0.041) 0.11 ng/ul m

response 4330

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	46.27#
229.00	19.90	34.61#
0.00	0.00	0.00

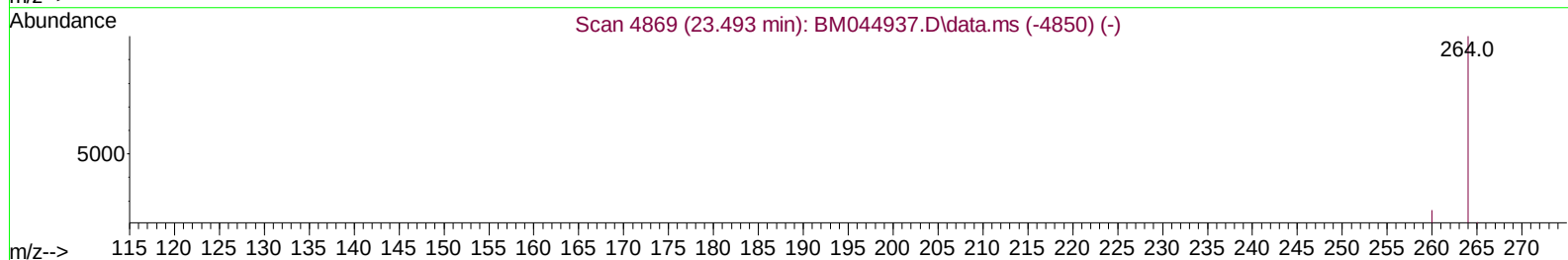
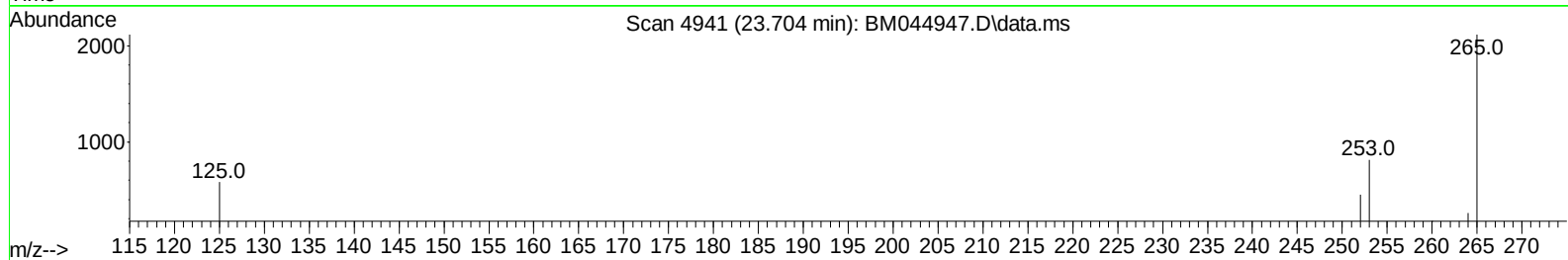
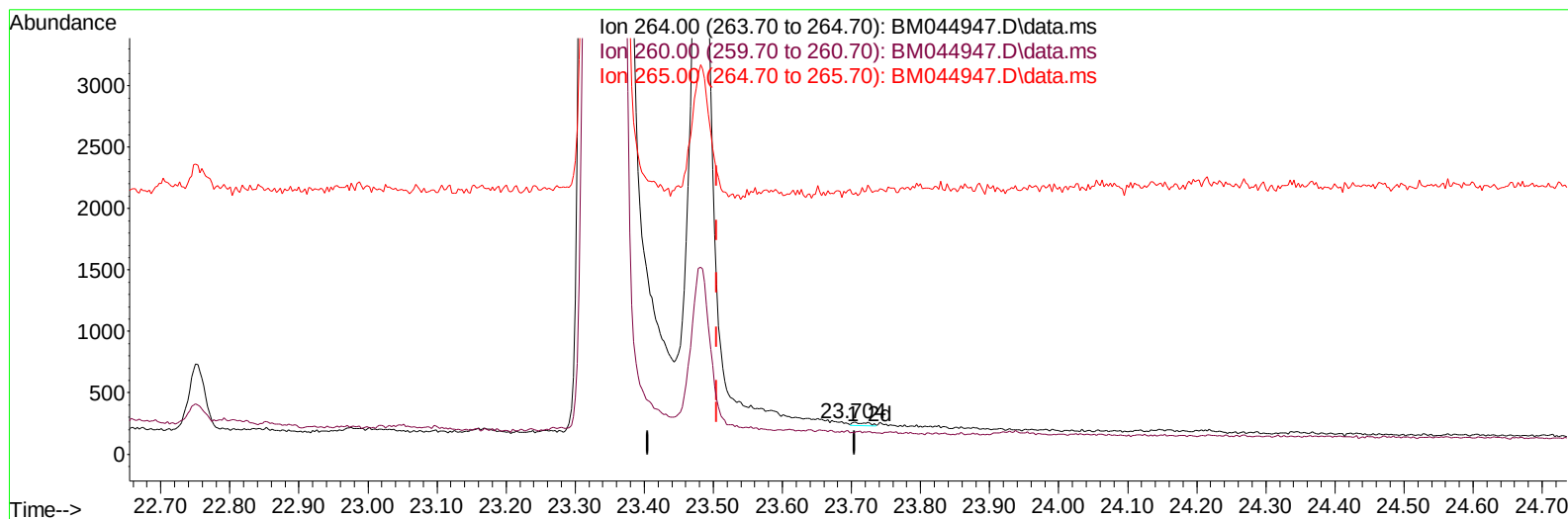
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
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Instrument :
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TIC: BM044947.D\data.ms

(23) Perylene-d12 (I)

23.704min (+ 0.199) 0.40 ng/ul

response 41

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	67.57#
265.00	70.40	816.60#
0.00	0.00	0.00

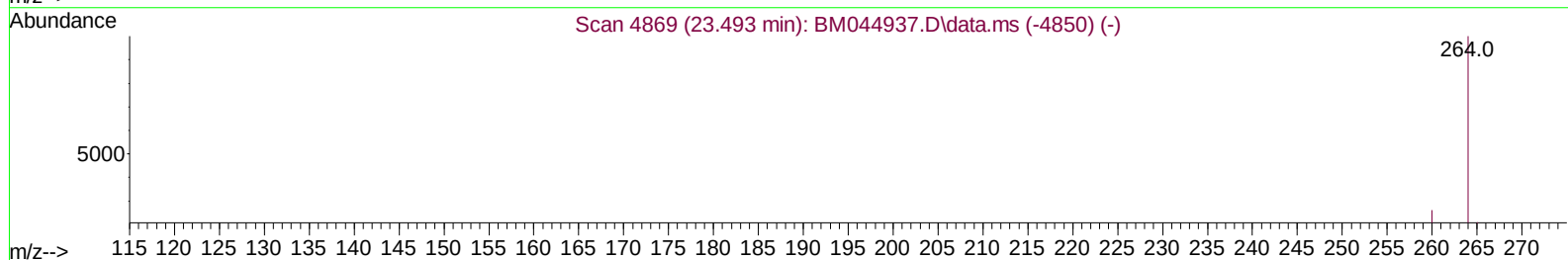
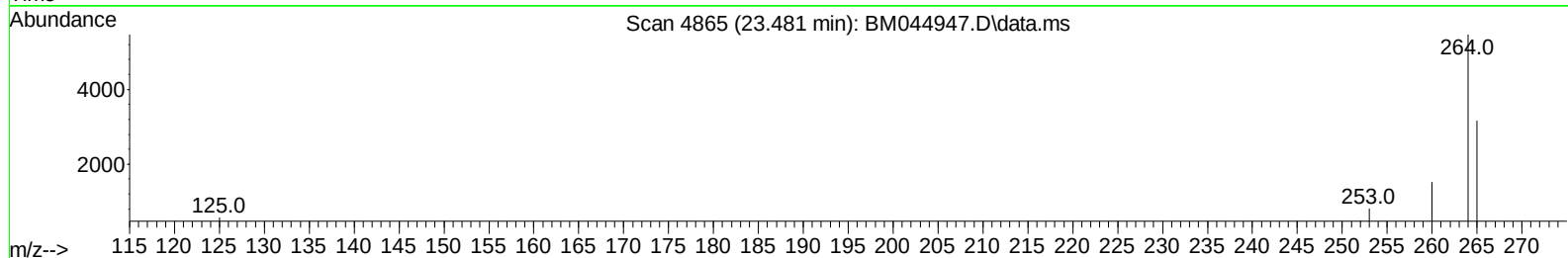
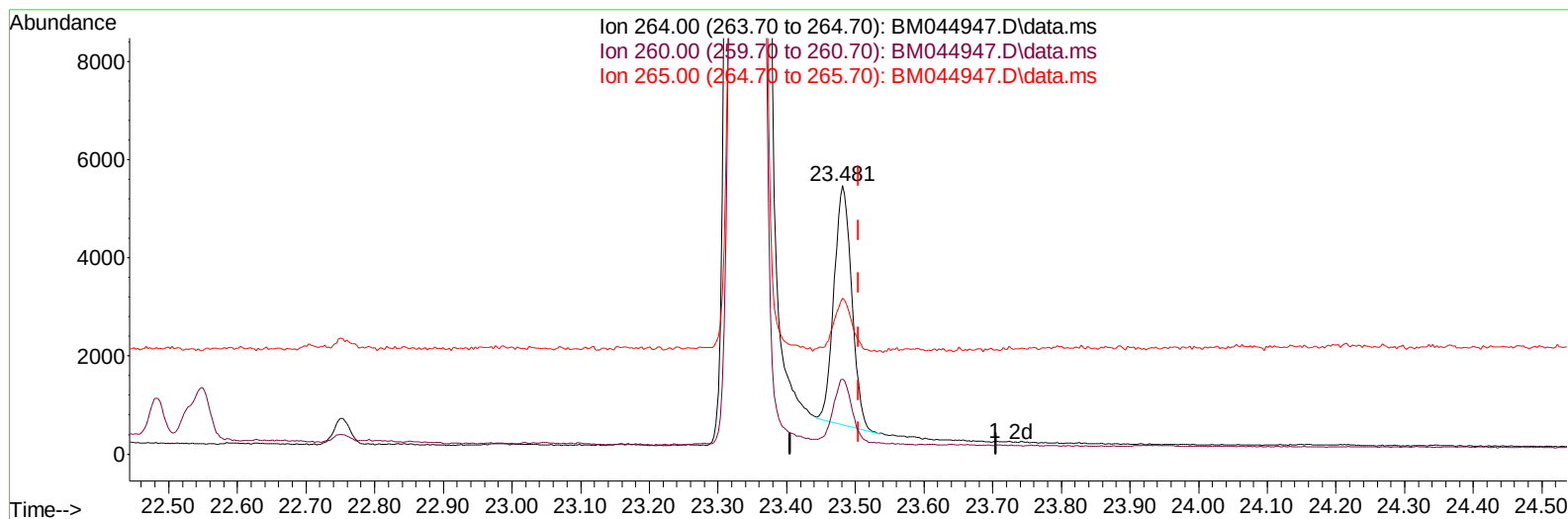
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BM044947.D\data.ms

(23) Perylene-d12 (I)

23.481min (-0.024) 0.40 ng/ul m

response 8747

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	27.88
265.00	70.40	58.05
0.00	0.00	0.00

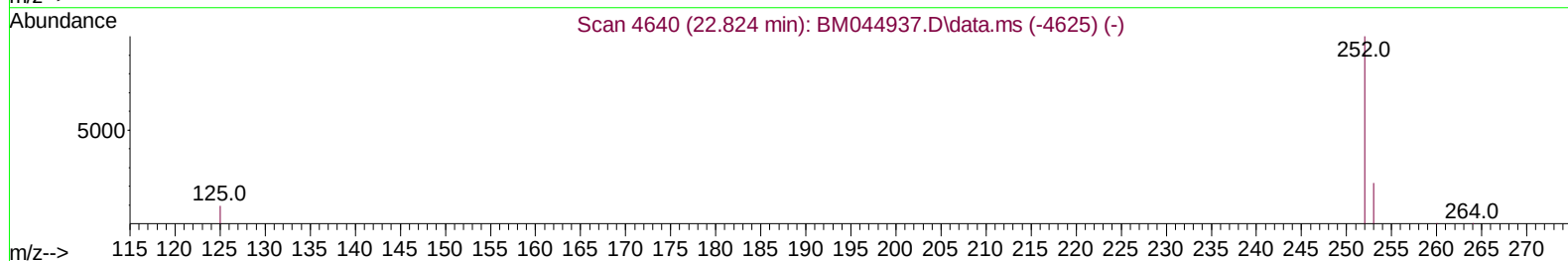
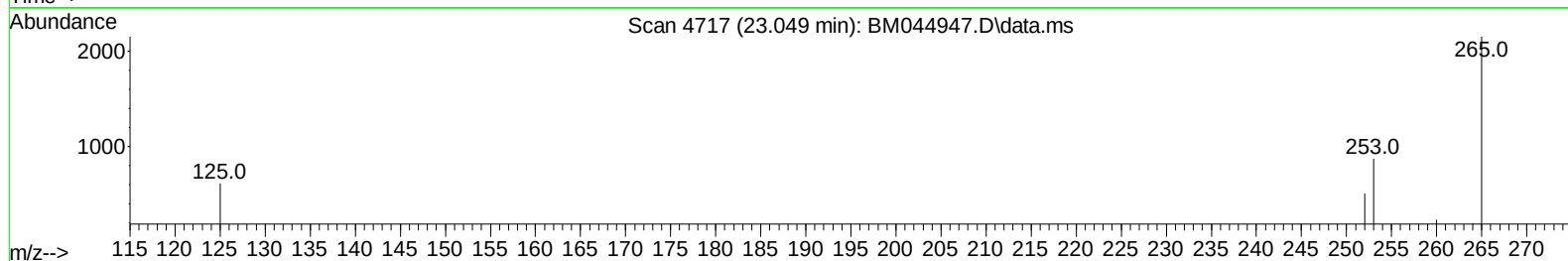
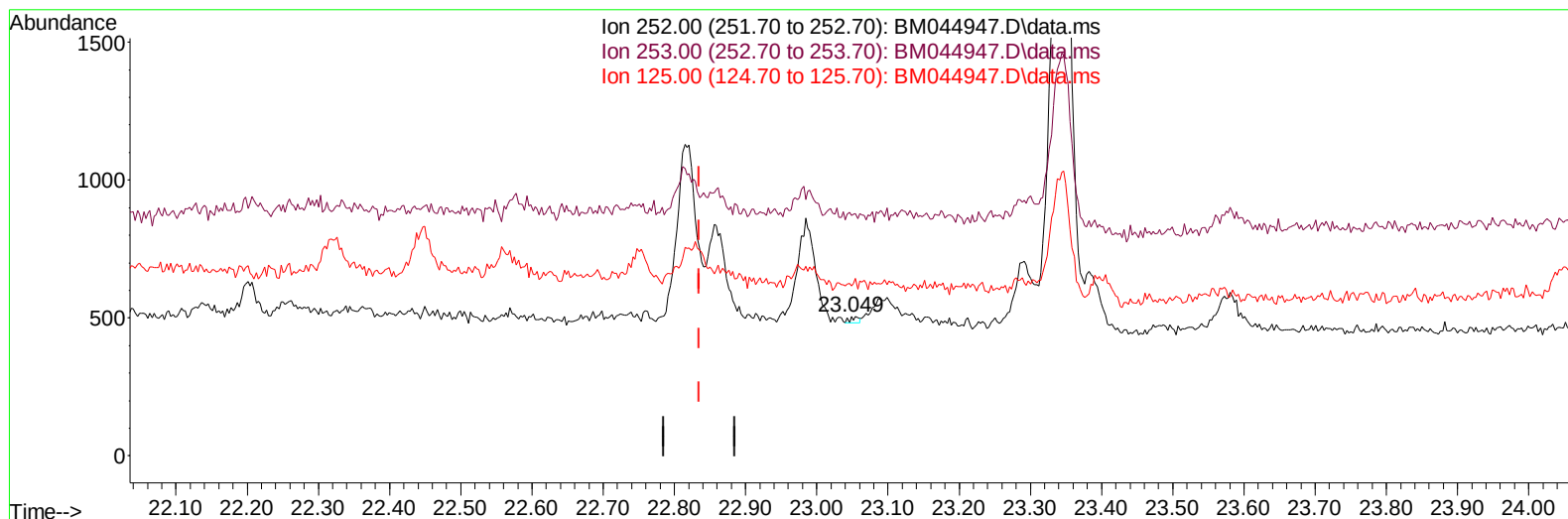
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

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TIC: BM044947.D\data.ms

(24) Benzo(b)fluoranthene

23.049min (+ 0.213) 0.00 ng/u1

response 18

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	172.13#
125.00	16.70	121.54#
0.00	0.00	0.00

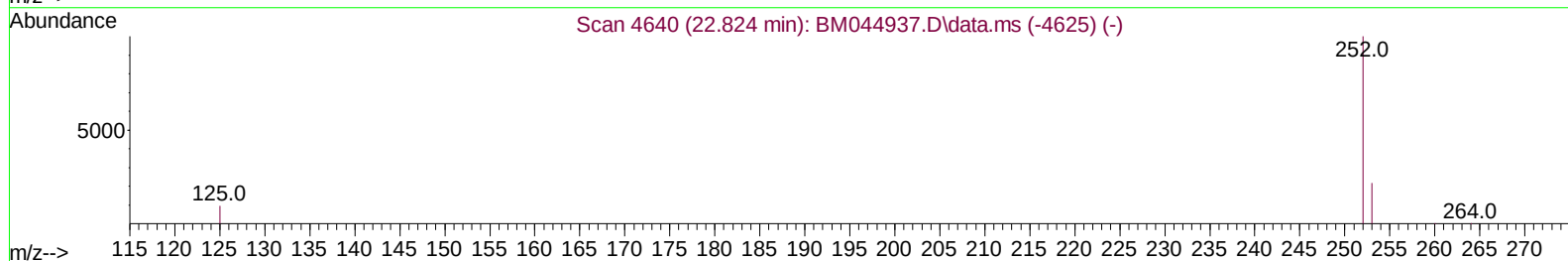
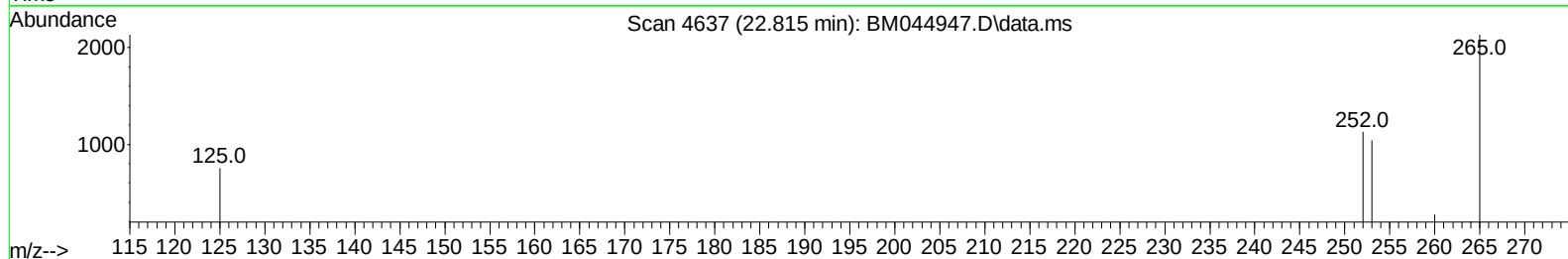
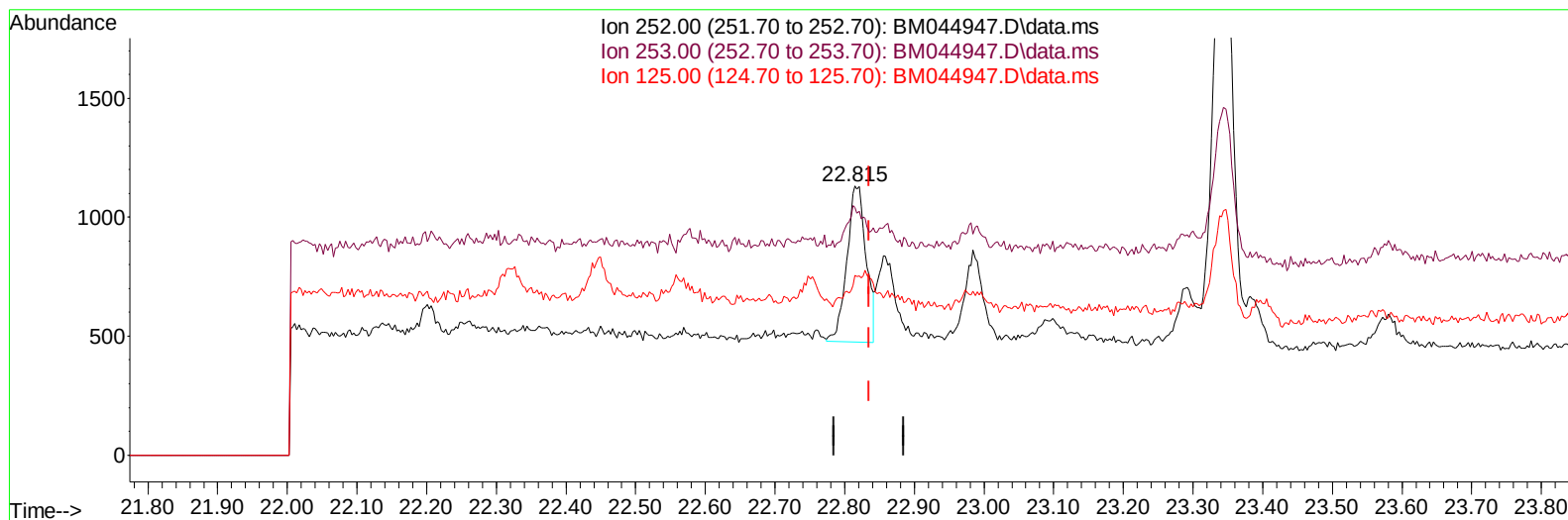
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

Quant Time: Apr 05 14:15:39 2024
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TIC: BM044947.D\data.ms

(24) Benzo(b)fluoranthene

22.815min (-0.021) 0.04 ng/ul m

response 1255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	92.12#
125.00	16.70	66.90#
0.00	0.00	0.00

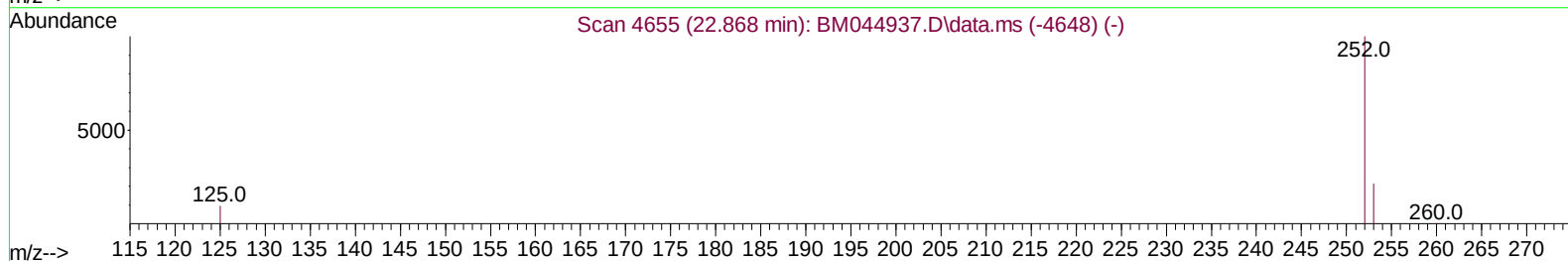
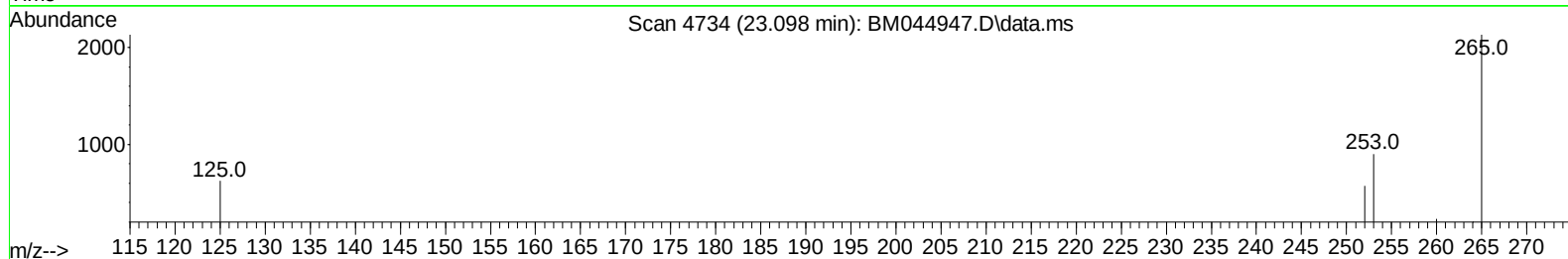
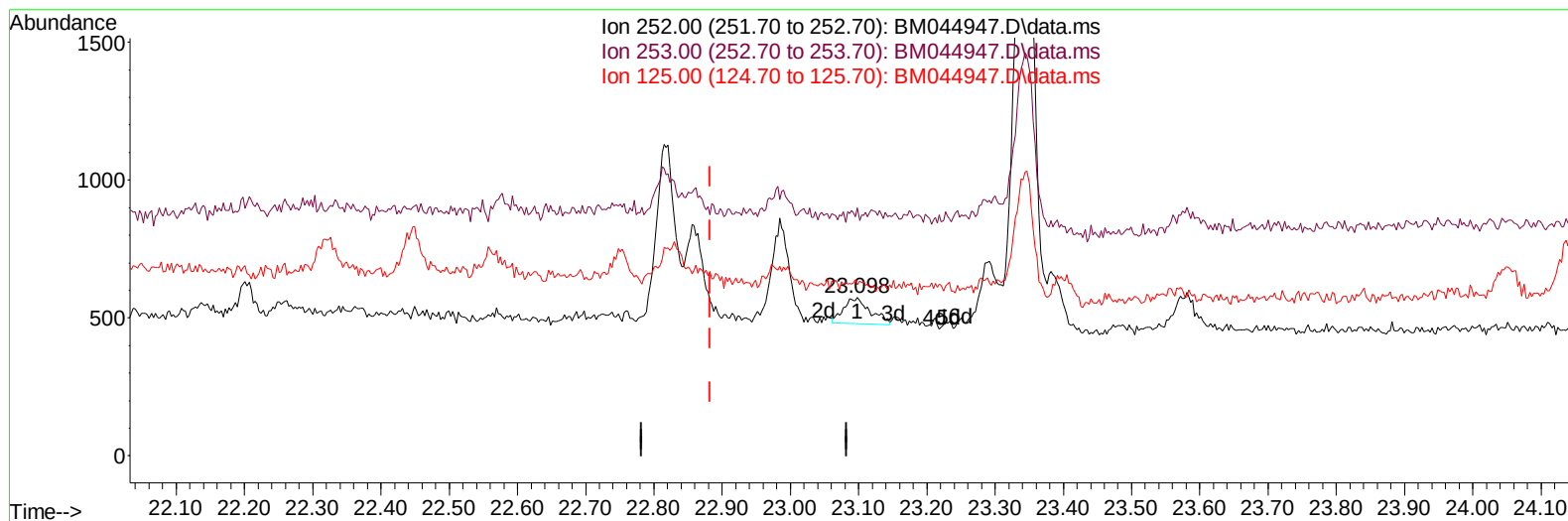
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual IntegrationsAPPROVED

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TIC: BM044947.D\data.ms

(25) Benzo(k)fluoranthene

23.098min (+ 0.216) 0.01 ng/u1

response 254

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.90	156.79#
125.00	14.50	108.19#
0.00	0.00	0.00

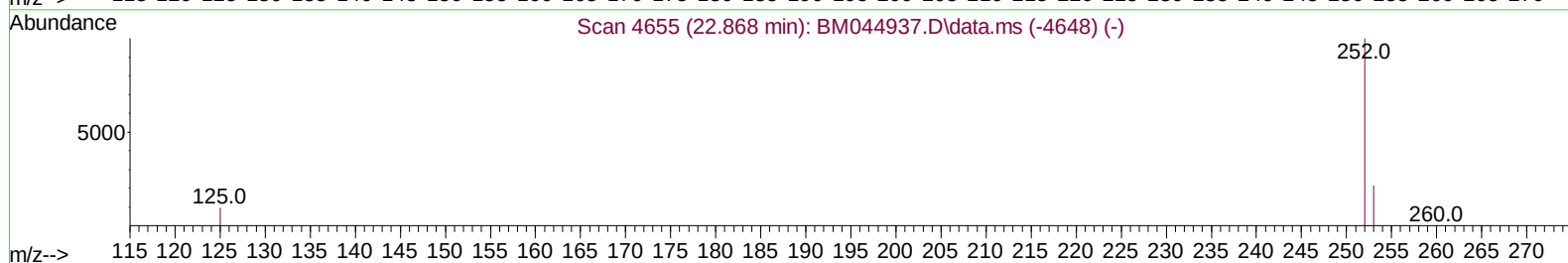
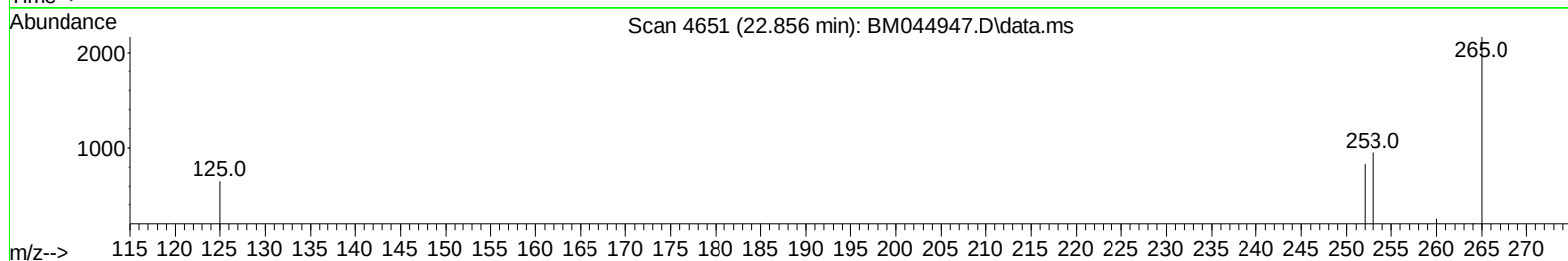
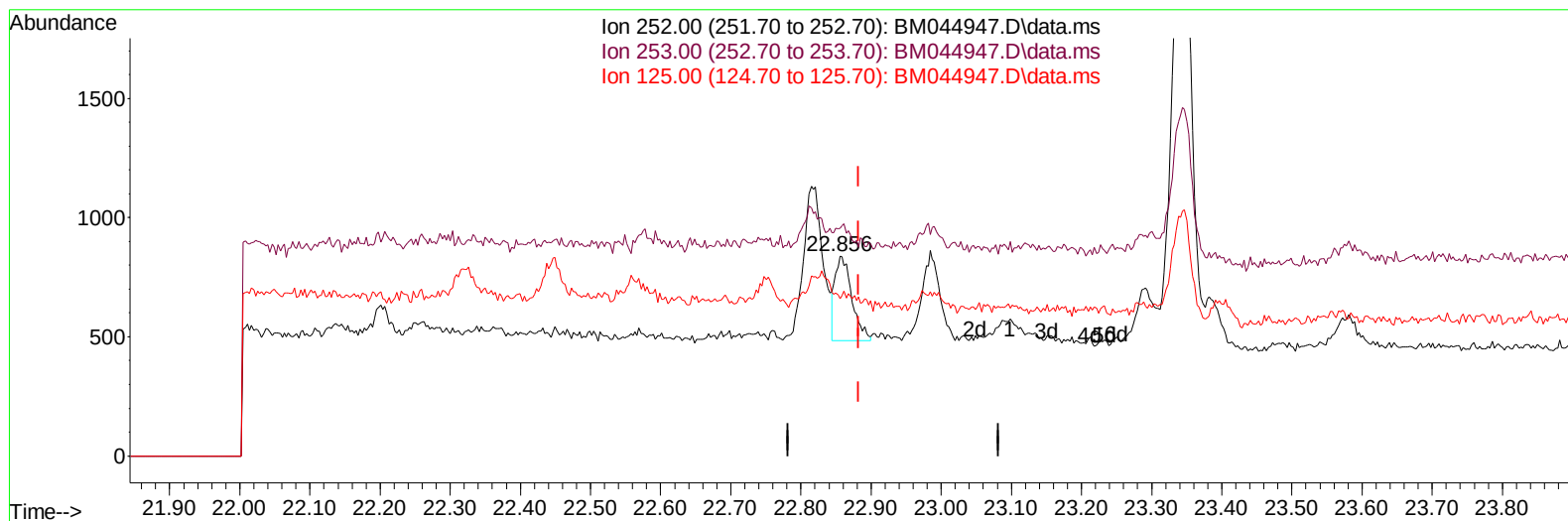
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM044947.D\data.ms

(25) Benzo(k)fluoranthene

22.856min (-0.026) 0.02 ng/ul m

response 586

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.90	113.83#
125.00	14.50	78.55#
0.00	0.00	0.00

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 Data File : BM044947.D
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 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 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	7.643	152		2031	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.413	136		6538	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.288	164		4535	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.047	188		10307m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.257	240		9111m	0.400	ng/ul	-0.01
23) Perylene-d12	23.481	264		8747m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.213	96		10606	3.975	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.013	152		3106	0.351	ng/ul	-0.04
18) Fluoranthene-d10	19.085	212		10750m	0.467	ng/ul	-0.02
Target Compounds							
							Qvalue
5) Naphthalene	10.462	128		157452	9.076	ng/ul#	94
7) 2-Methylnaphthalene	12.090	142		5231	0.505	ng/ul	98
8) 1-Methylnaphthalene	12.310	142		21217	1.876	ng/ul	100
10) Acenaphthylene	14.006	152		21519	0.951	ng/ul#	89
11) Acenaphthene	14.357	153		1860193	114.854	ng/ul	96
12) Fluorene	15.347	166		610526	33.625	ng/ul	98
14) Pentachlorophenol	16.701	266		400	0.166	ng/ul	95
15) Phenanthrene	17.089	178		29102m	1.003	ng/ul	
16) Anthracene	17.182	178		95143	3.329	ng/ul	98
19) Fluoranthene	19.117	202		367605m	11.291	ng/ul	
20) Pyrene	19.480	202		187069	5.441	ng/ul	98
21) Benzo(a)anthracene	21.240	228		8335m	0.263	ng/ul	
22) Chrysene	21.269	228		4330m	0.109	ng/ul	
24) Benzo(b)fluoranthene	22.815	252		1255m	0.040	ng/ul	

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

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