

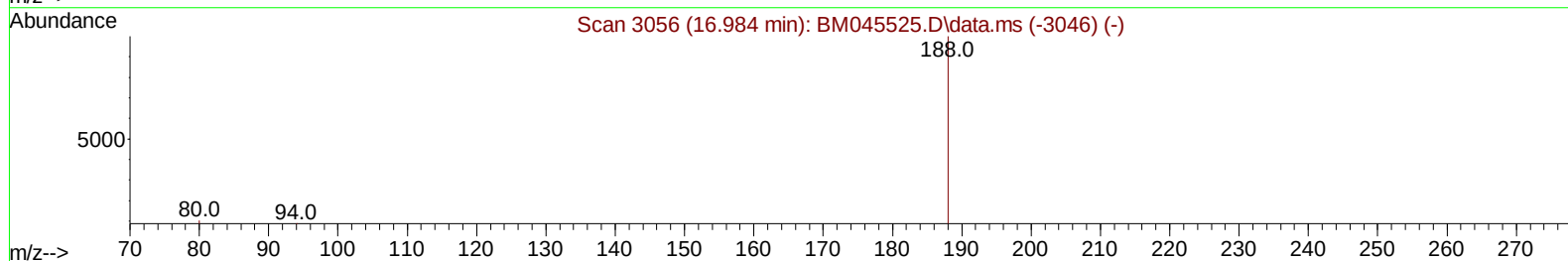
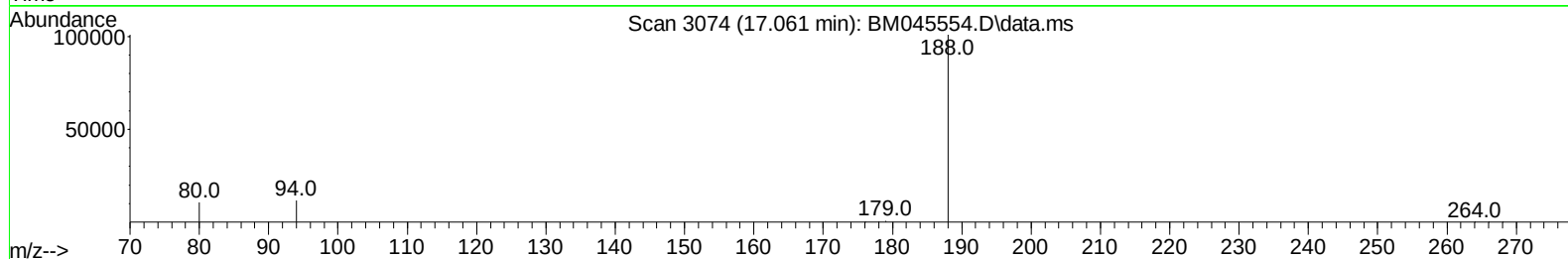
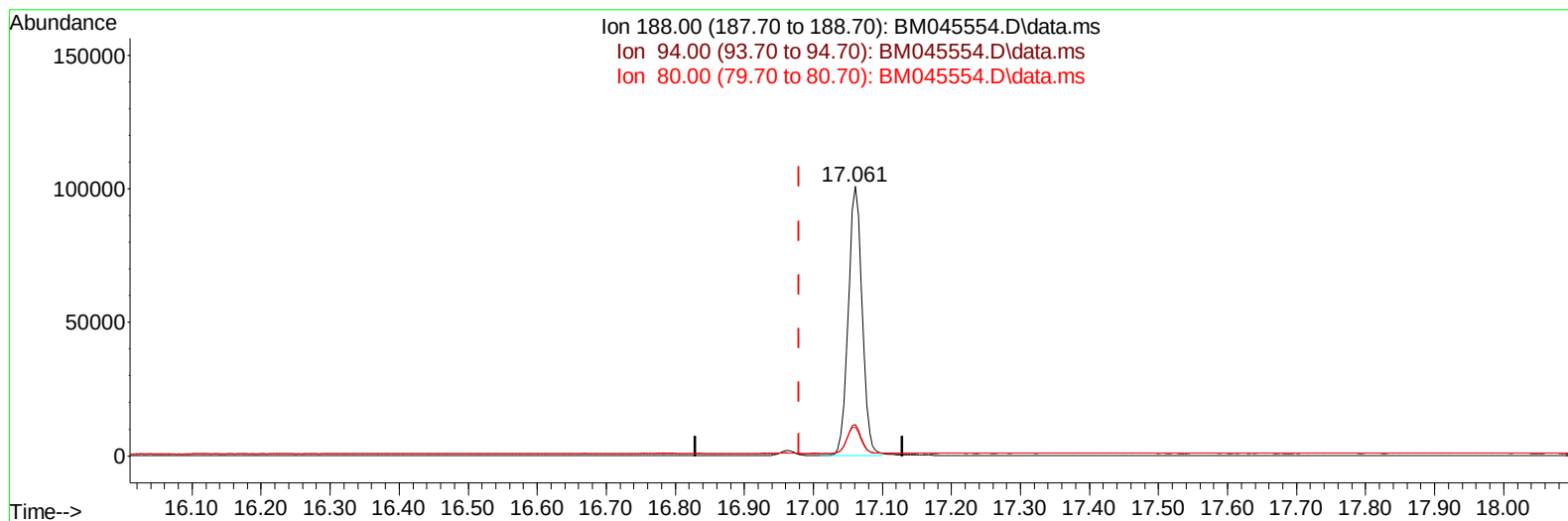
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

Manual IntegrationsAPPROVED

Quant Time: Apr 25 08:51:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045554.D\data.ms

(13) Phenanthrene-d10 (I)

17.061min (+ 0.081) 0.40 ng/u1

response 140232

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.73#
80.00	14.80	10.71#
0.00	0.00	0.00

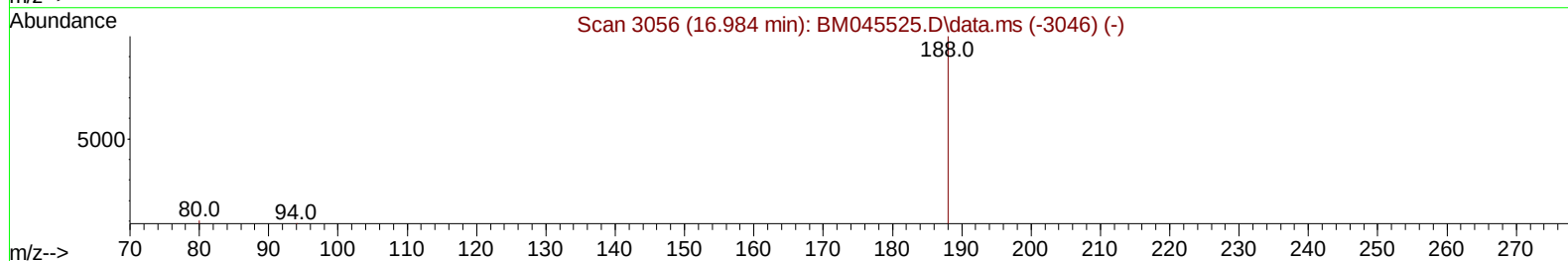
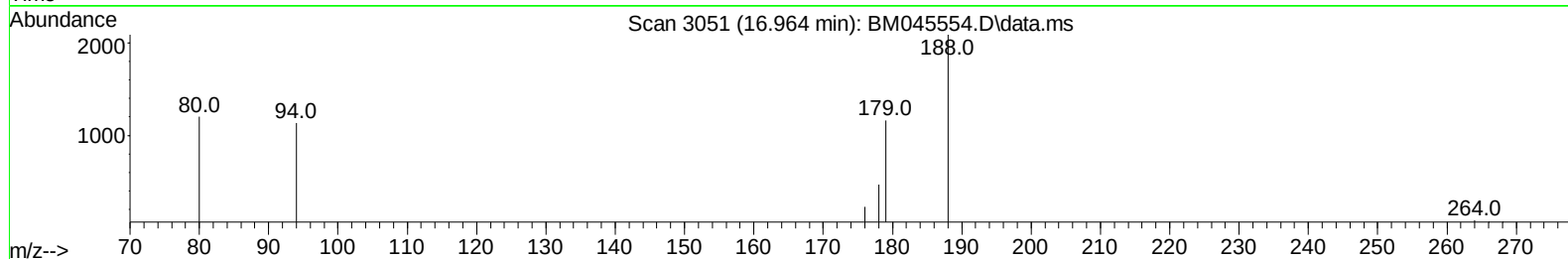
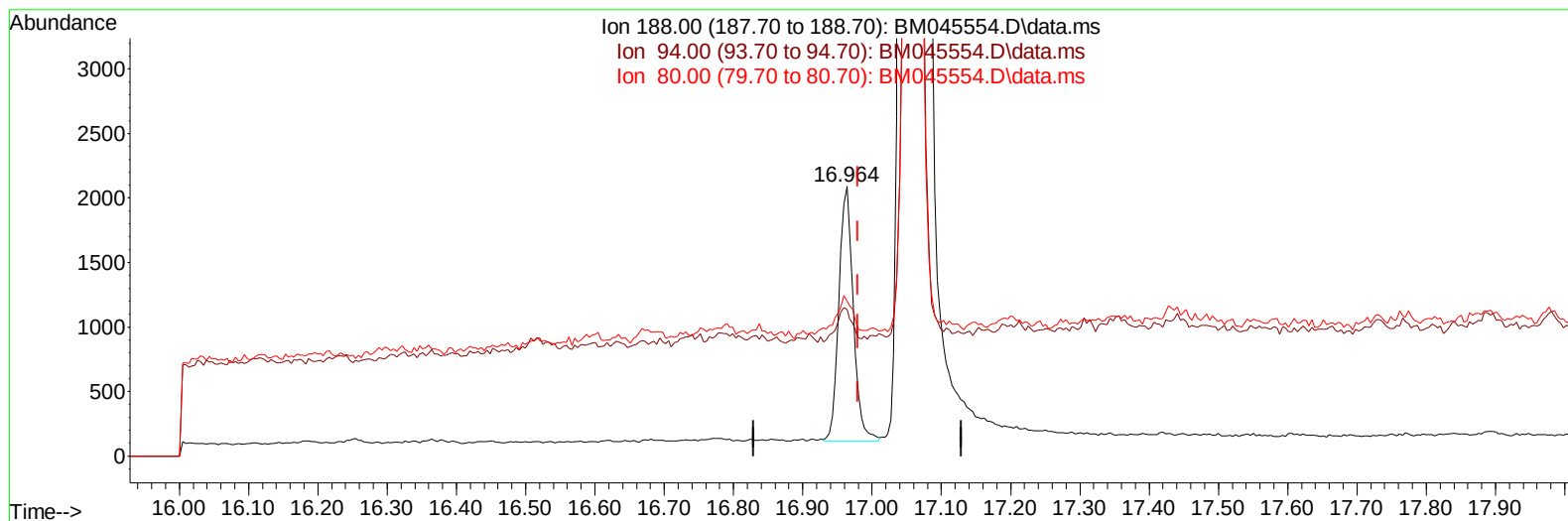
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/25/2024
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TIC: BM045554.D\data.ms

(13) Phenanthrene-d10 (I)

16.964min (-0.016) 0.40 ng/ul m

response 2841

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	54.38#
80.00	14.80	57.44#
0.00	0.00	0.00

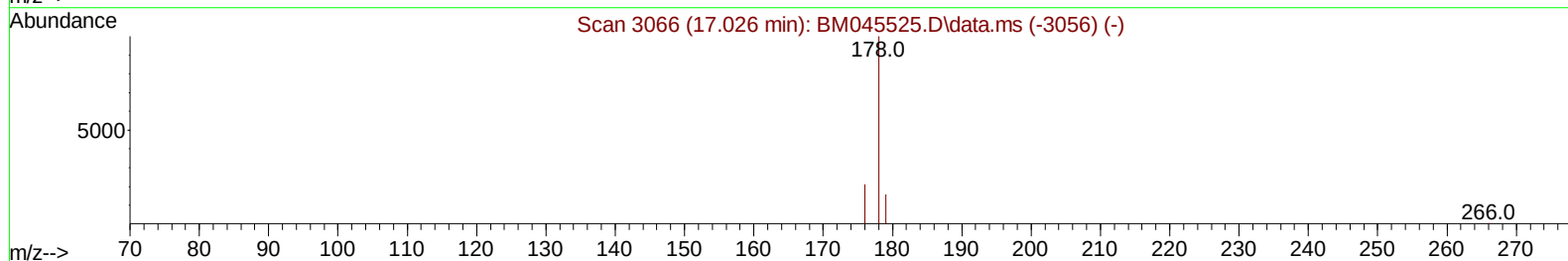
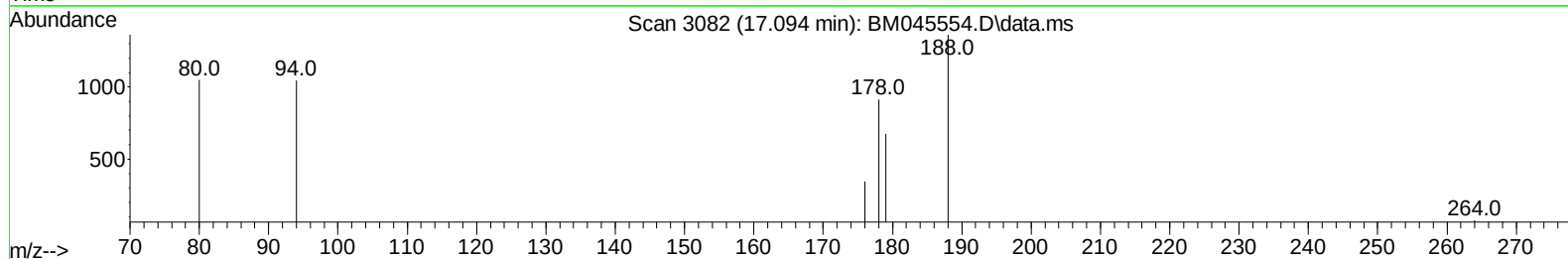
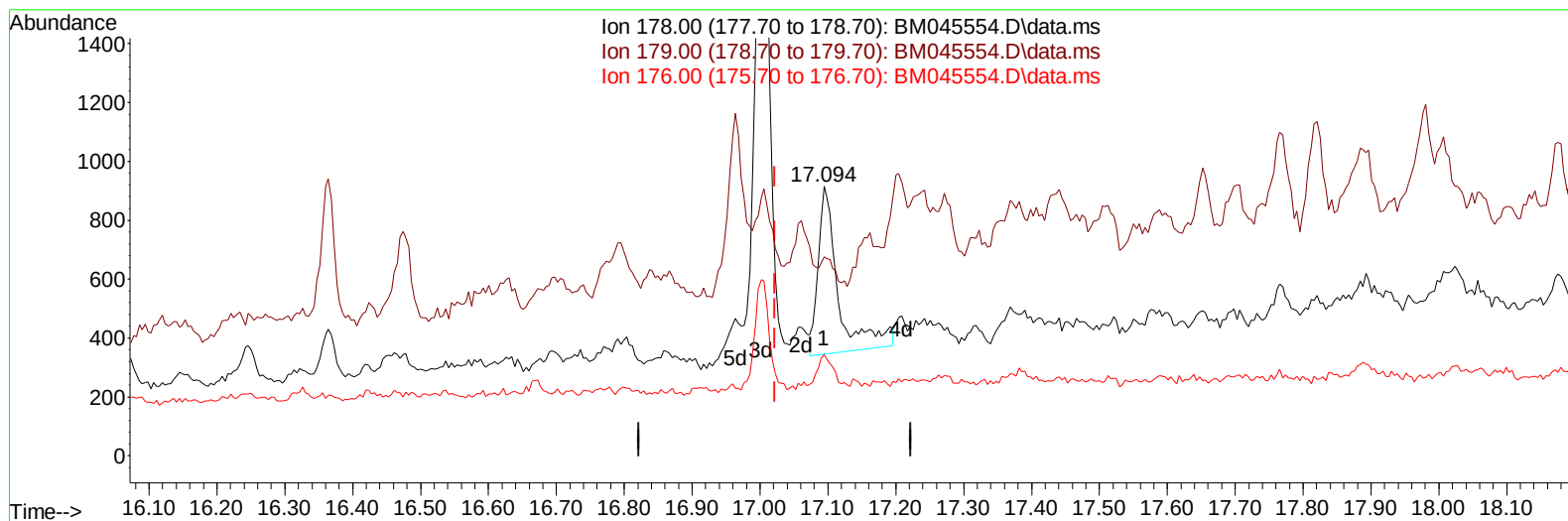
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COAL7

Manual IntegrationsAPPROVED

Quant Time: Apr 25 08:51:14 2024
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TIC: BM045554.D\data.ms

(15) Phenanthrene

17.094min (+ 0.073) 0.14 ng/u1

response 1162

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	73.88#
176.00	23.70	37.60#
0.00	0.00	0.00

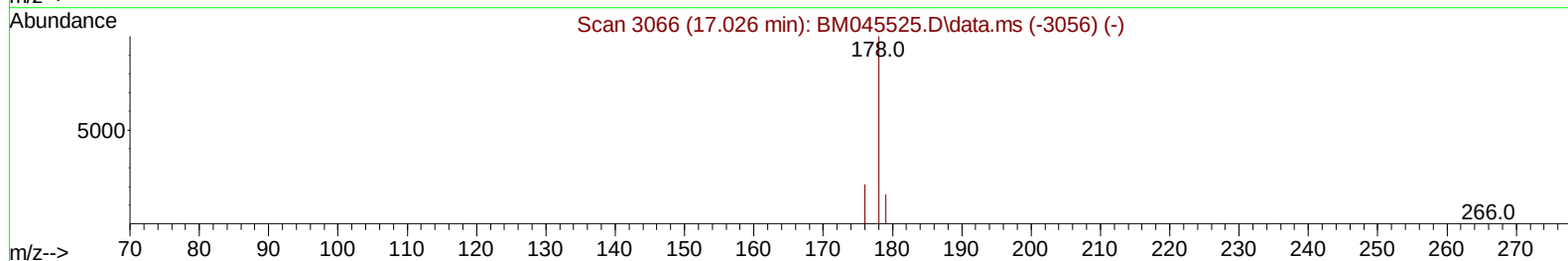
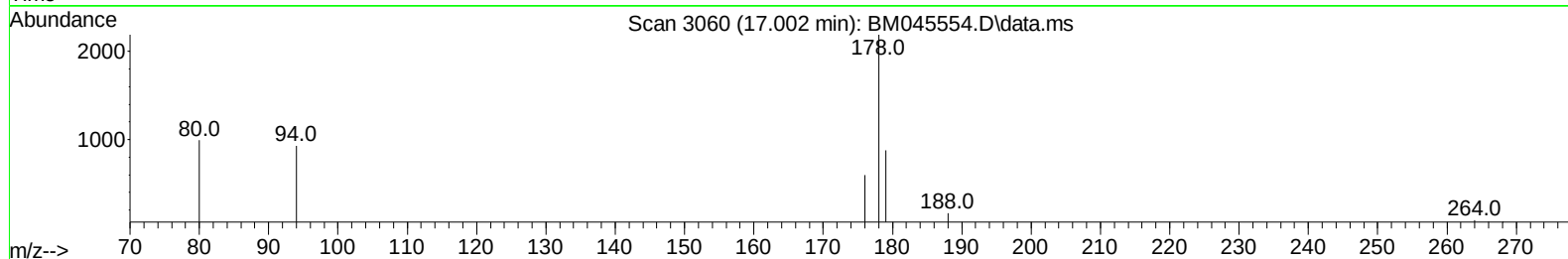
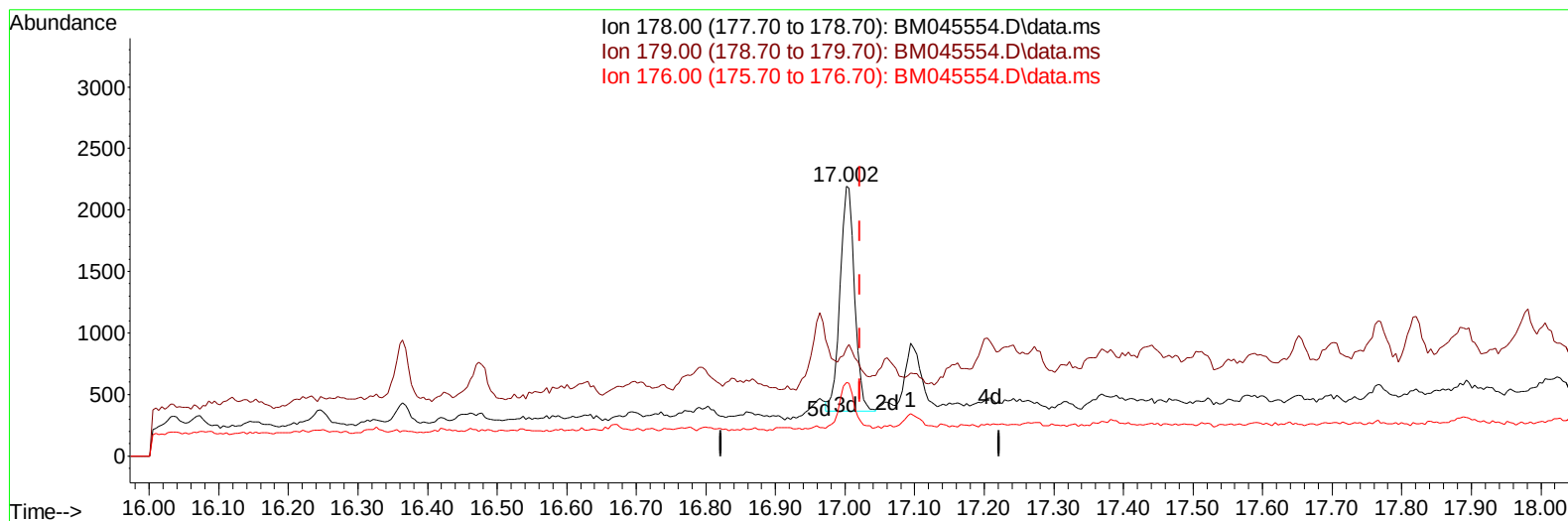
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

Manual IntegrationsAPPROVED

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TIC: BM045554.D\data.ms

(15) Phenanthrene

17.002min (-0.020) 0.32 ng/ul m

response 2650

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	40.05#
176.00	23.70	27.31
0.00	0.00	0.00

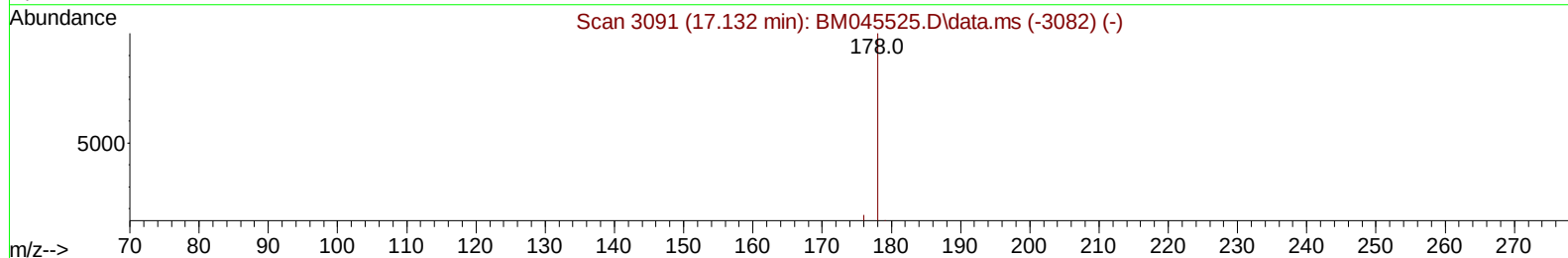
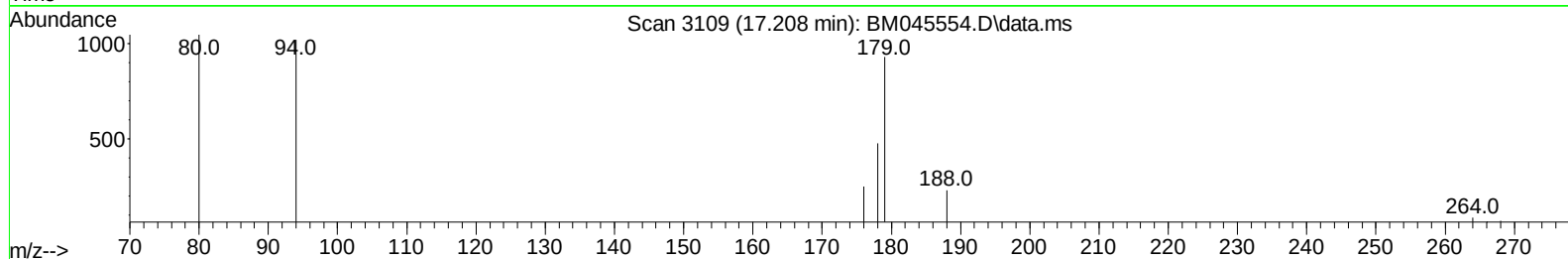
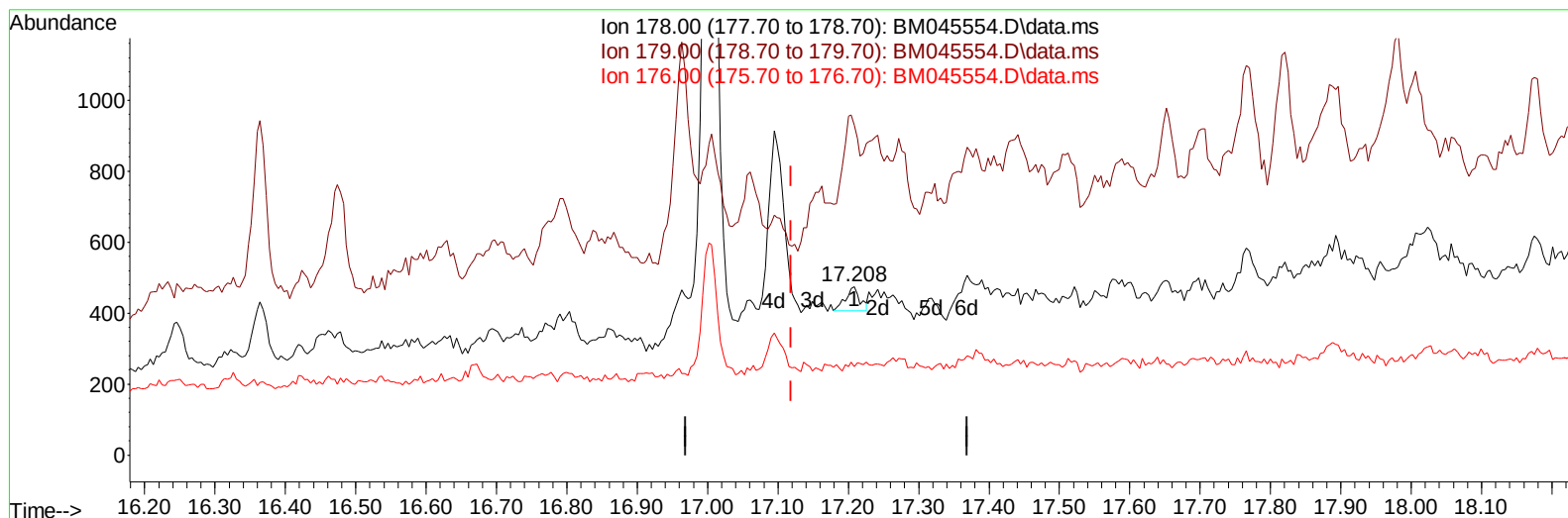
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Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COAL7

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TIC: BM045554.D\data.ms

(16) Anthracene

17.208min (+ 0.089) 0.01 ng/u1

response 93

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	195.79#
176.00	23.40	52.63#
0.00	0.00	0.00

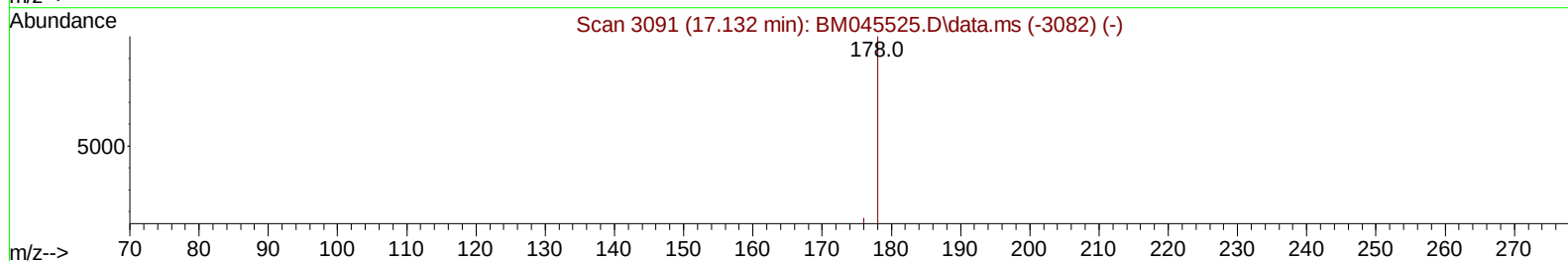
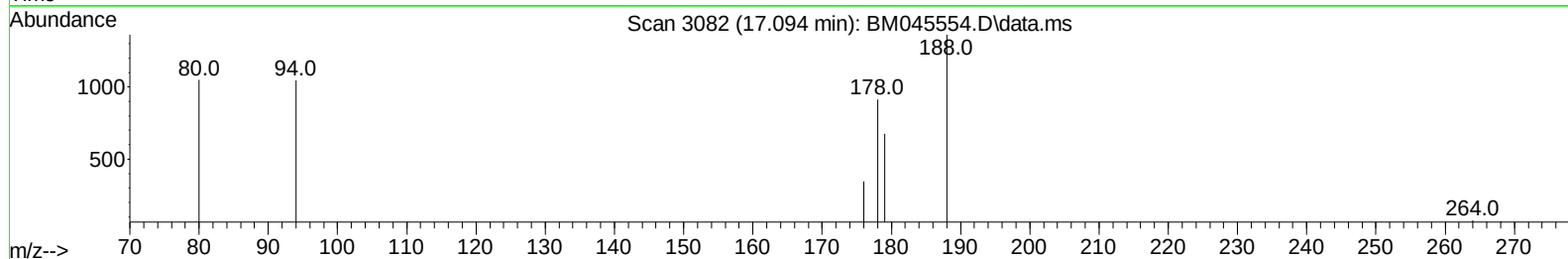
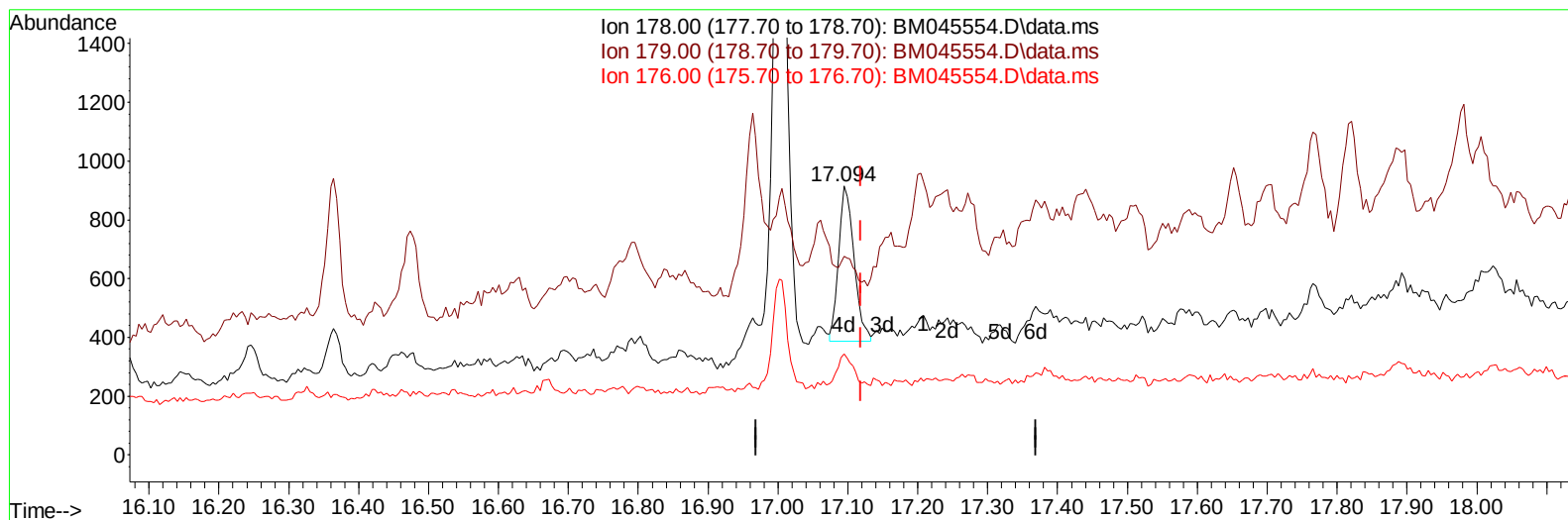
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045554.D\data.ms

(16) Anthracene

17.094min (-0.024) 0.10 ng/ul m

response 812

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	73.88#
176.00	23.40	37.60#
0.00	0.00	0.00

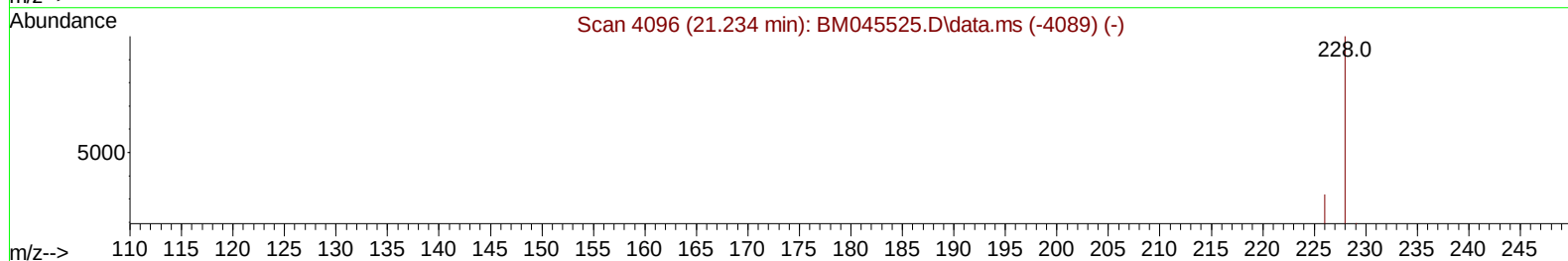
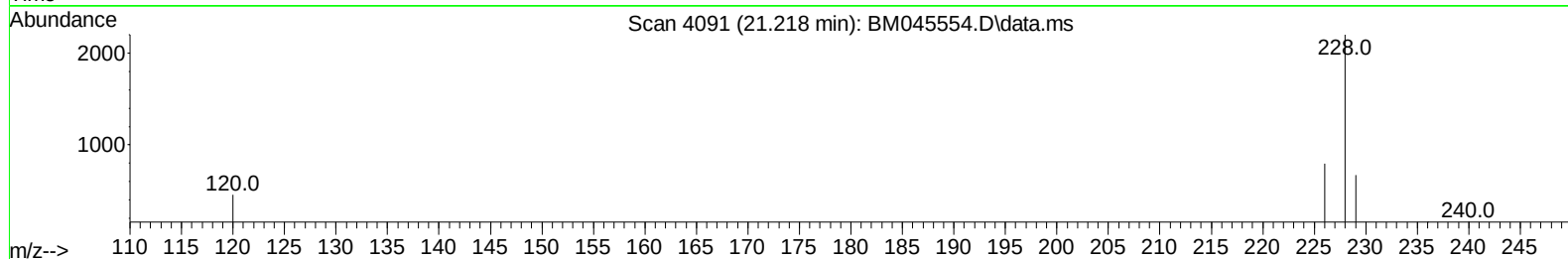
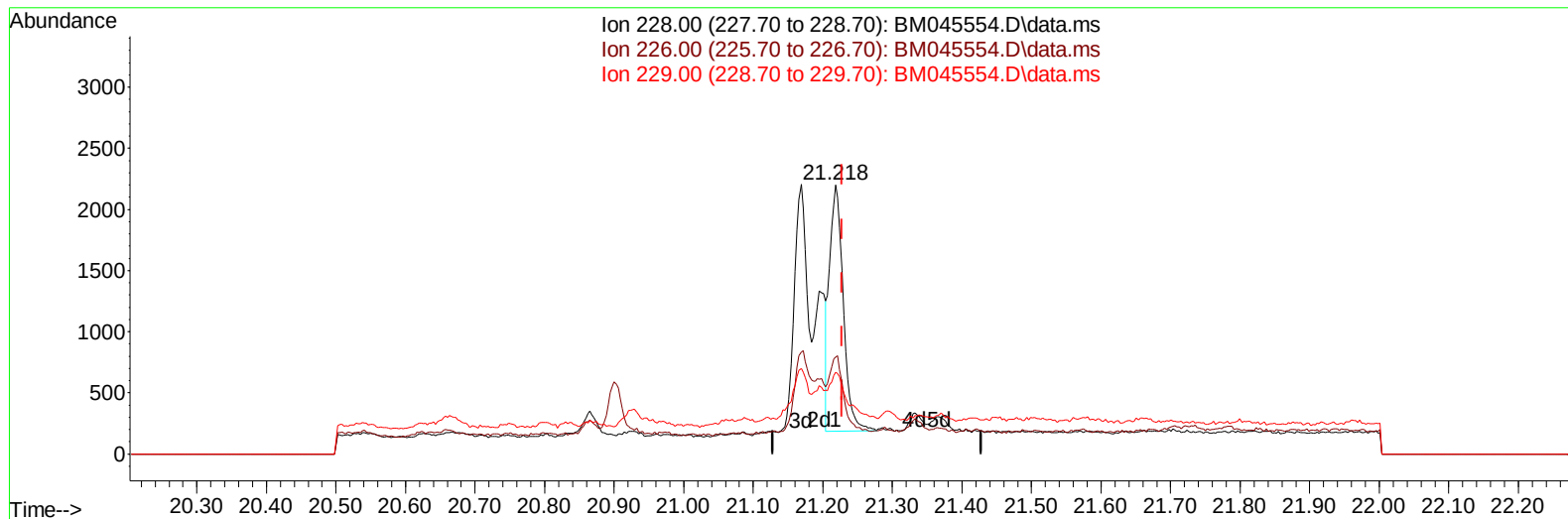
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

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TIC: BM045554.D\data.ms

(22) Chrysene

21.218min (-0.010) 0.23 ng/u1

response 2784

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	35.97
229.00	22.30	30.34#
0.00	0.00	0.00

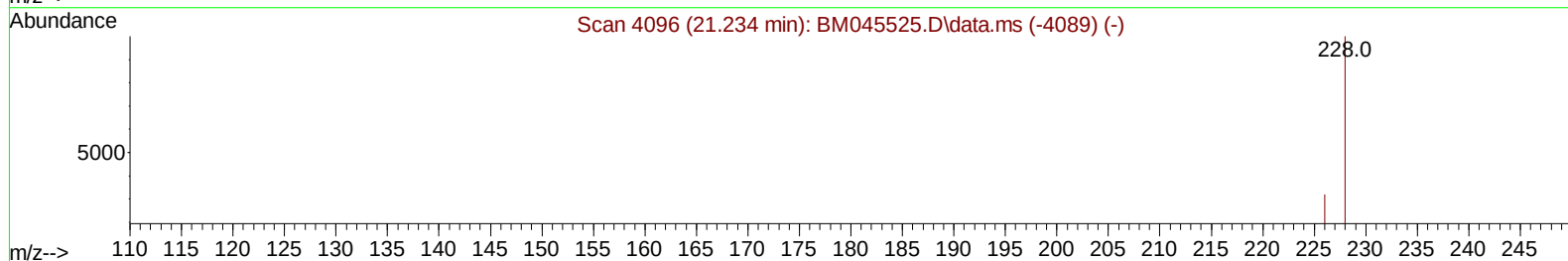
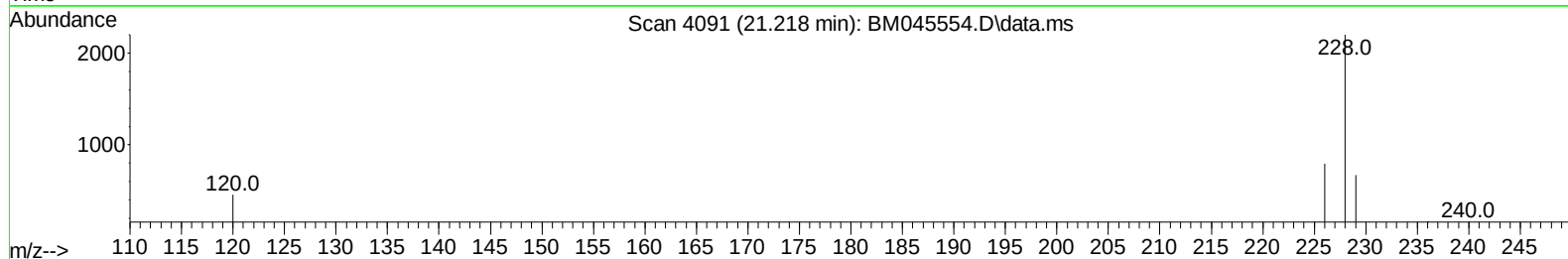
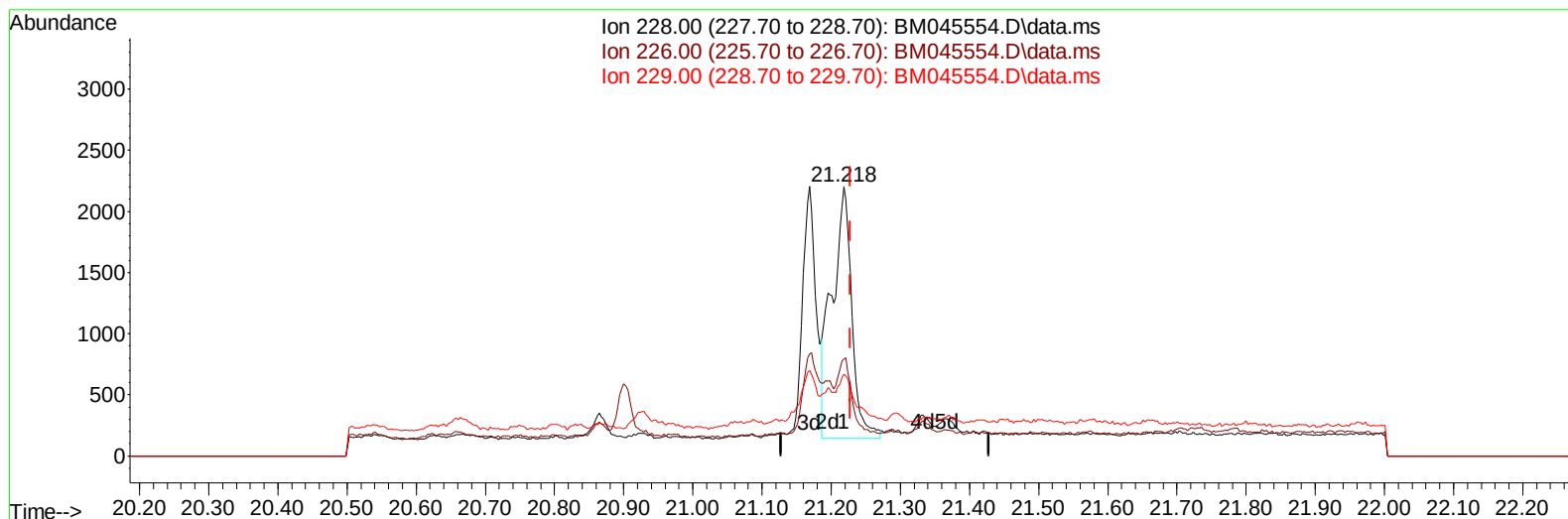
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045554.D
Acq On : 25 Apr 2024 08:20
Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

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TIC: BM045554.D\data.ms

(22) Chrysene

21.218min (-0.010) 0.35 ng/ul m

response 4128

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	35.97
229.00	22.30	30.34#
0.00	0.00	0.00

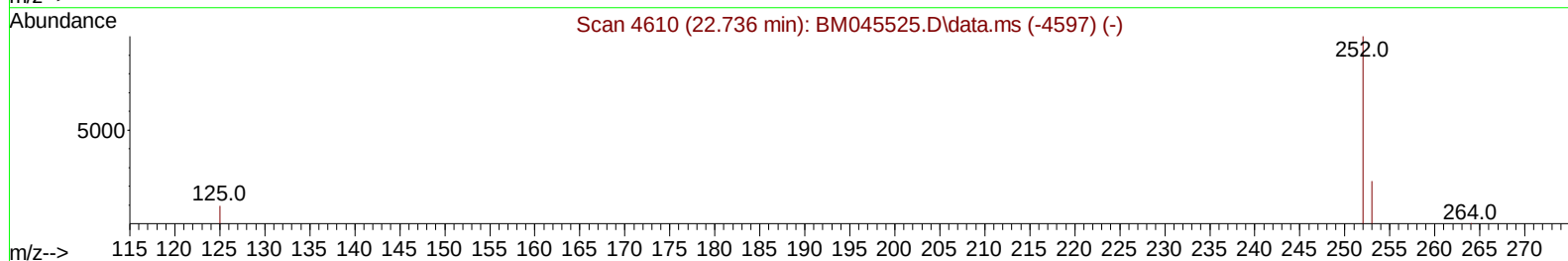
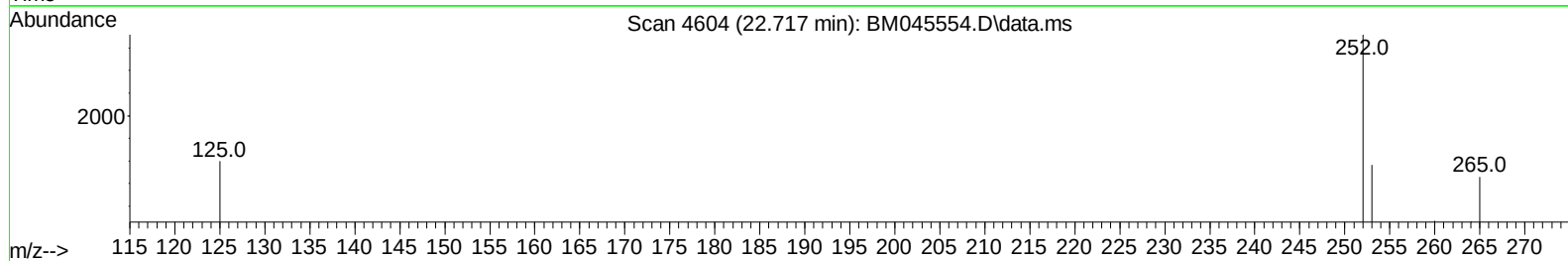
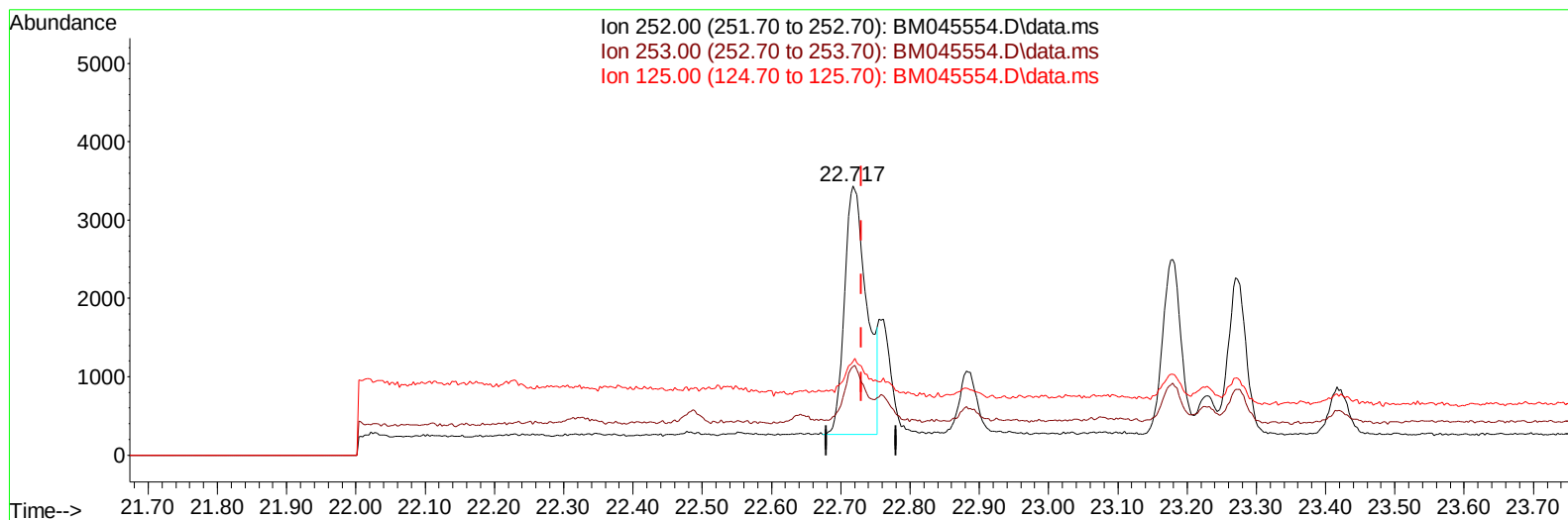
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Operator : MA/JU
Sample : P2104-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7

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TIC: BM045554.D\data.ms

(24) Benzo(b)fluoranthene

22.717min (-0.013) 0.57 ng/uI

response 7069

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.01
125.00	18.40	34.76
0.00	0.00	0.00

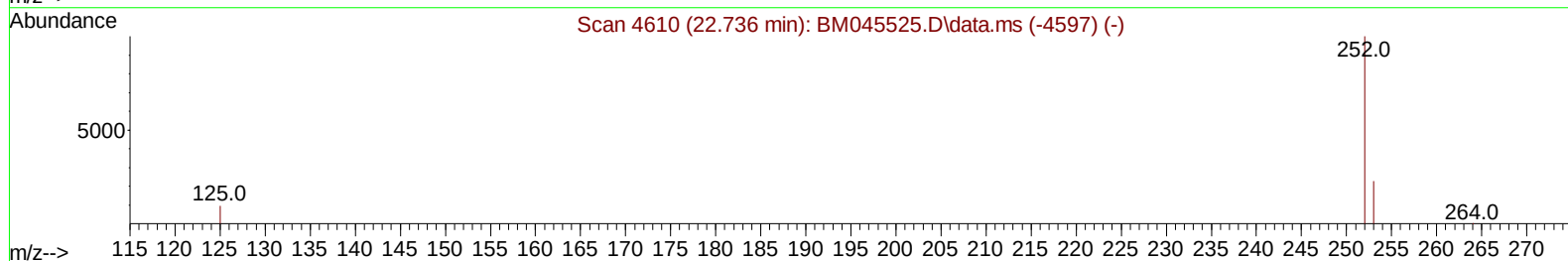
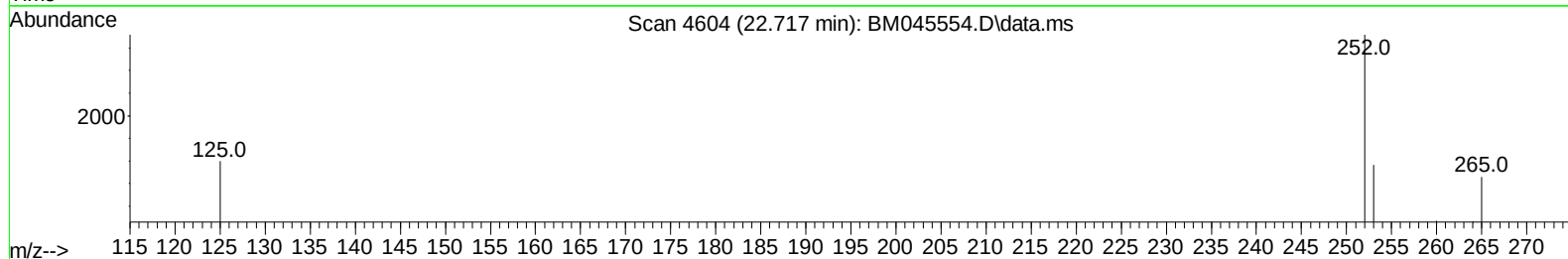
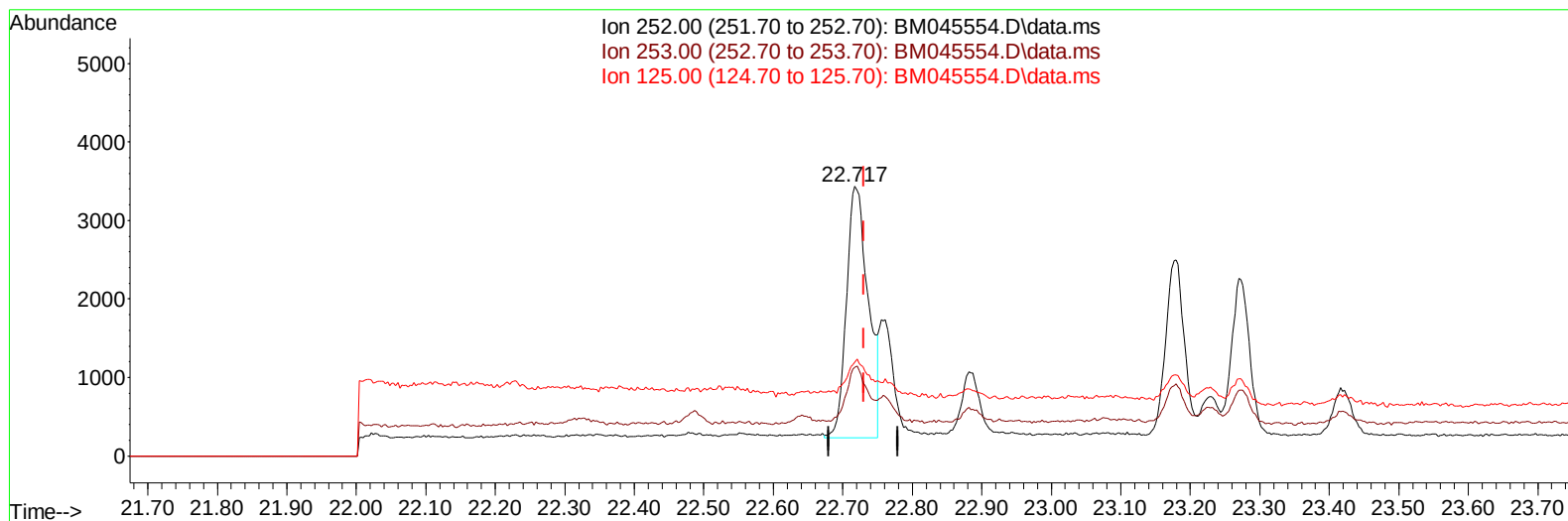
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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ALS Vial : 33 Sample Multiplier: 1

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TIC: BM045554.D\data.ms

(24) Benzo(b)fluoranthene

22.717min (-0.013) 0.56 ng/ul m

response 6967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.01
125.00	18.40	34.76
0.00	0.00	0.00

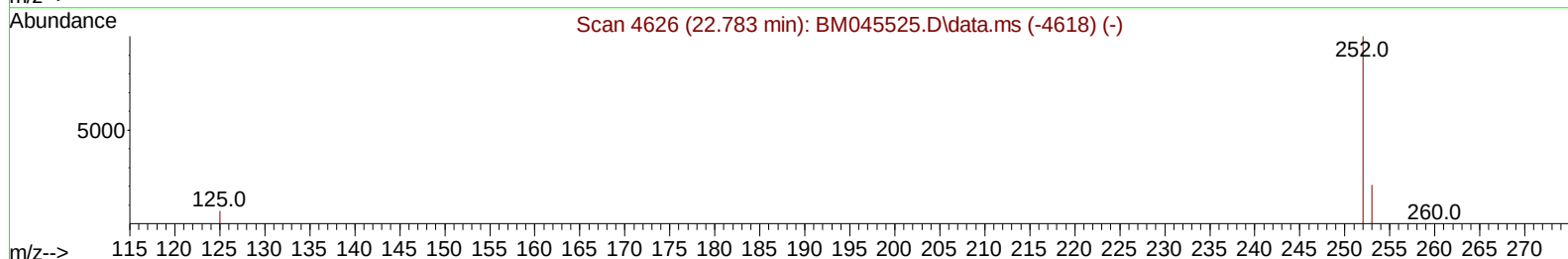
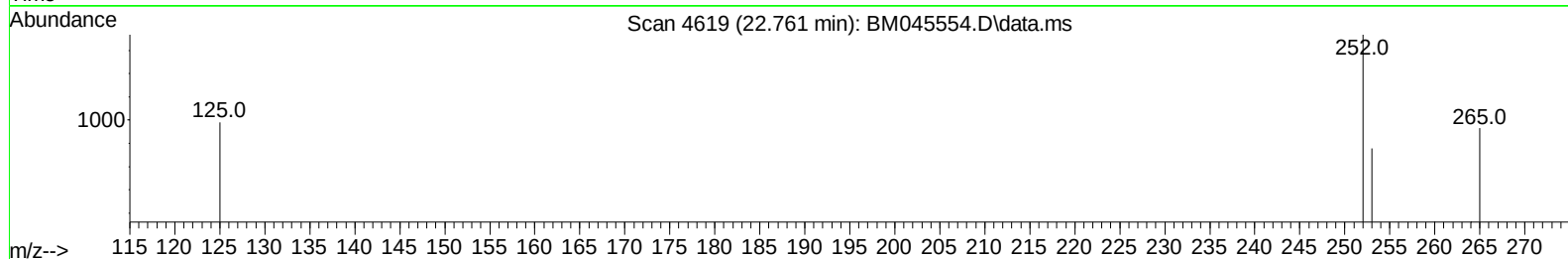
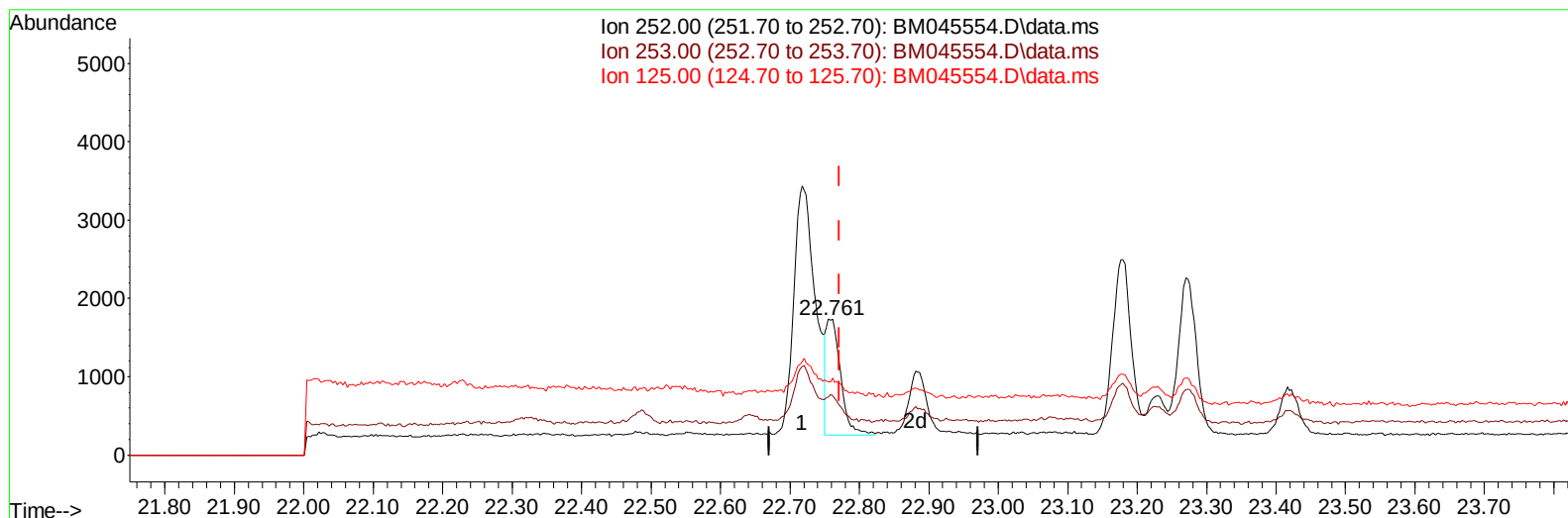
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TIC: BM045554.D\data.ms

(25) Benzo(k)fluoranthene

22.761min (-0.010) 0.14 ng/ul m

response 2124

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	43.66#
125.00	18.50	56.57#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152		972	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136		2605	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164		1406	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.964	188		2841m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.183	240		2429	0.400	ng/ul	# 0.00
23) Perylene-d12	23.372	264		3685	0.400	ng/ul	#-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4560	3.500	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152		772	0.225	ng/ul	-0.02
18) Fluoranthene-d10	19.006	212		1611	0.211	ng/ul	-0.01
Target Compounds							
							Qvalue
5) Naphthalene	10.358	128		1890	0.270	ng/ul	96
7) 2-Methylnaphthalene	11.991	142		1041	0.261	ng/ul	99
8) 1-Methylnaphthalene	12.211	142		606	0.135	ng/ul	100
10) Acenaphthylene	13.914	152		932	0.134	ng/ul#	55
12) Fluorene	15.260	166		236	0.043	ng/ul#	18
15) Phenanthrene	17.002	178		2650m	0.320	ng/ul	
16) Anthracene	17.094	178		812m	0.105	ng/ul	
19) Fluoranthene	19.034	202		4560	0.407	ng/ul	98
20) Pyrene	19.401	202		4884	0.424	ng/ul	98
21) Benzo(a)anthracene	21.169	228		2747	0.354	ng/ul#	88
22) Chrysene	21.218	228		4128m	0.346	ng/ul	
24) Benzo(b)fluoranthene	22.717	252		6967m	0.562	ng/ul	
25) Benzo(k)fluoranthene	22.761	252		2124m	0.136	ng/ul	
26) Benzo(a)pyrene	23.270	252		3632	0.283	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.557	276		4092	0.219	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.564	278		1225	0.083	ng/ul#	26
29) Benzo(g,h,i)perylene	26.224	276		3754	0.224	ng/ul#	91

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

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