

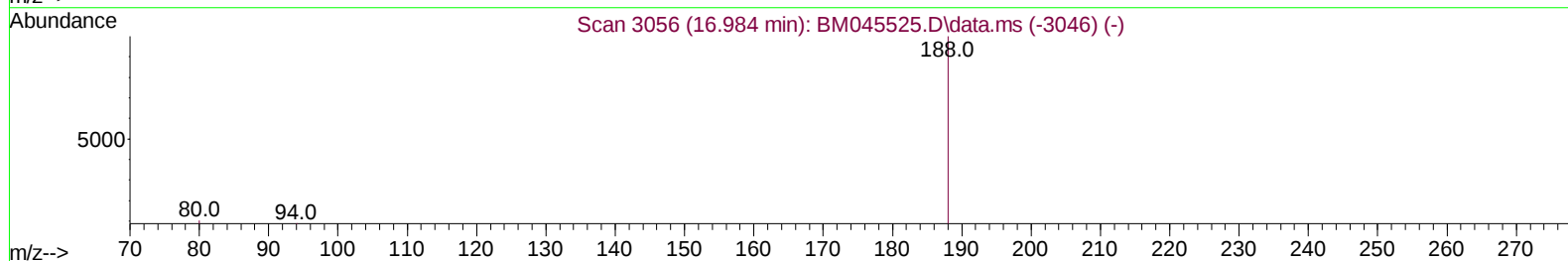
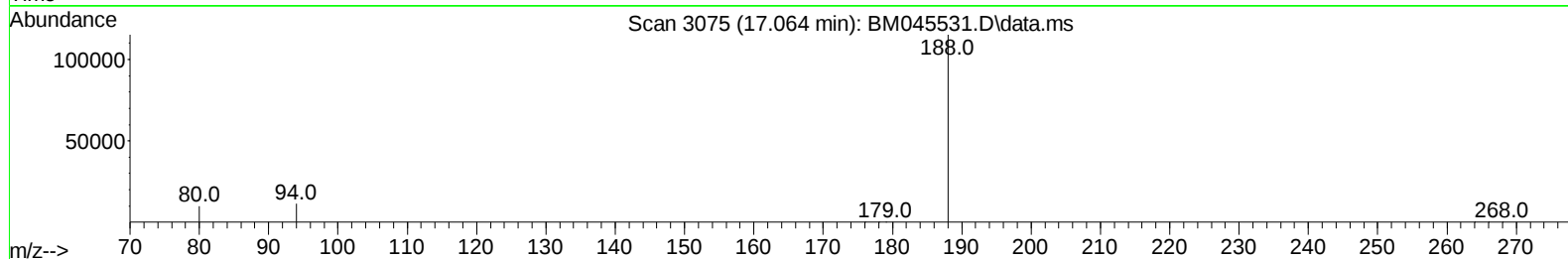
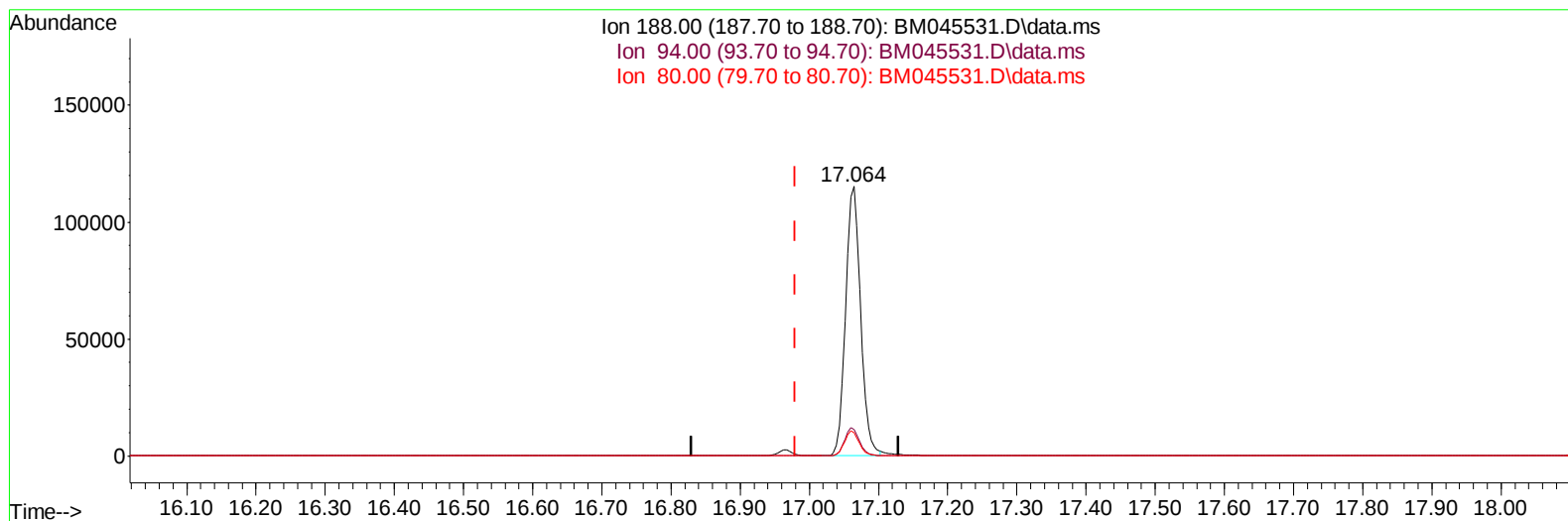
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045531.D
Acq On : 24 Apr 2024 16:56
Operator : MA/JU
Sample : P2164-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA0

Manual IntegrationsAPPROVED

Quant Time: Apr 24 17:36:09 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: BM045531.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.085) 0.40 ng/u1

response 173312

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	9.79#
80.00	14.80	8.62#
0.00	0.00	0.00

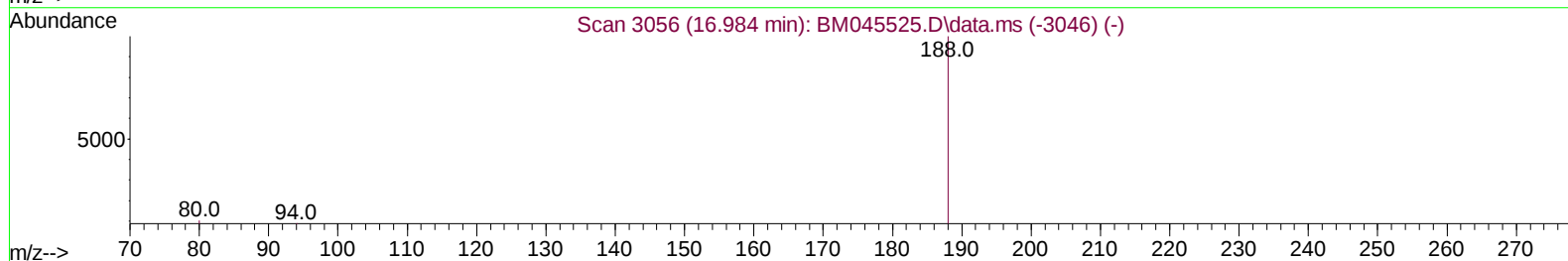
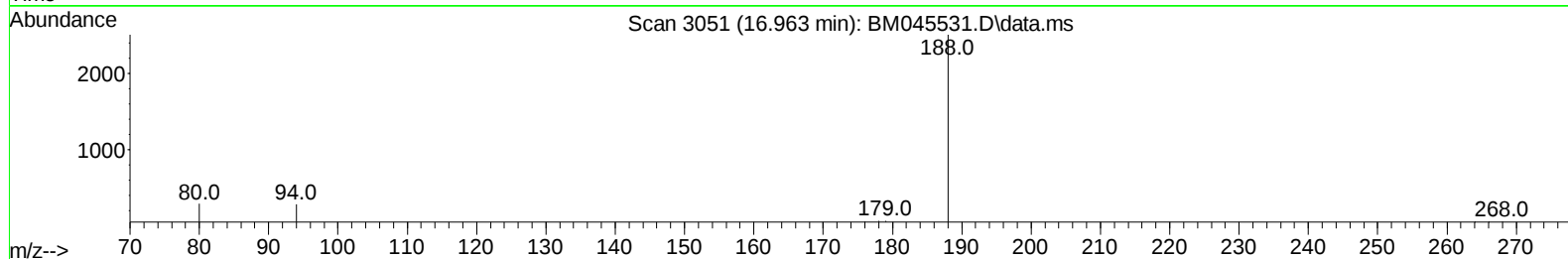
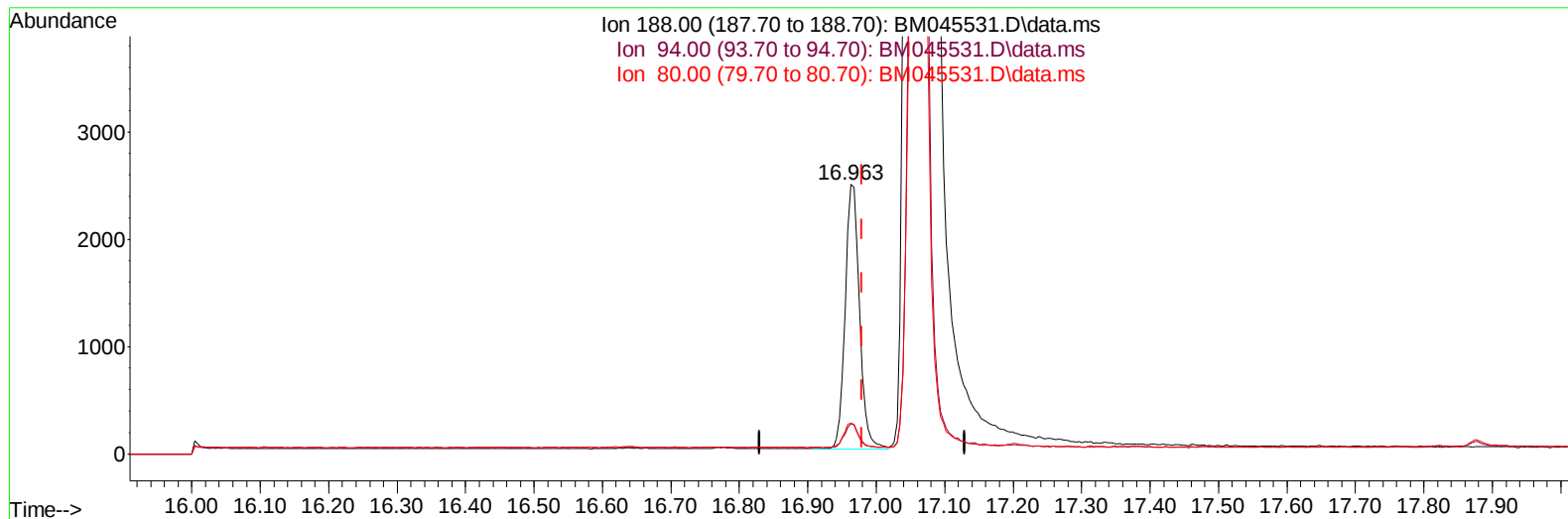
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TIC: BM045531.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/ul m

response 3556

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.20#
80.00	14.80	11.43#
0.00	0.00	0.00

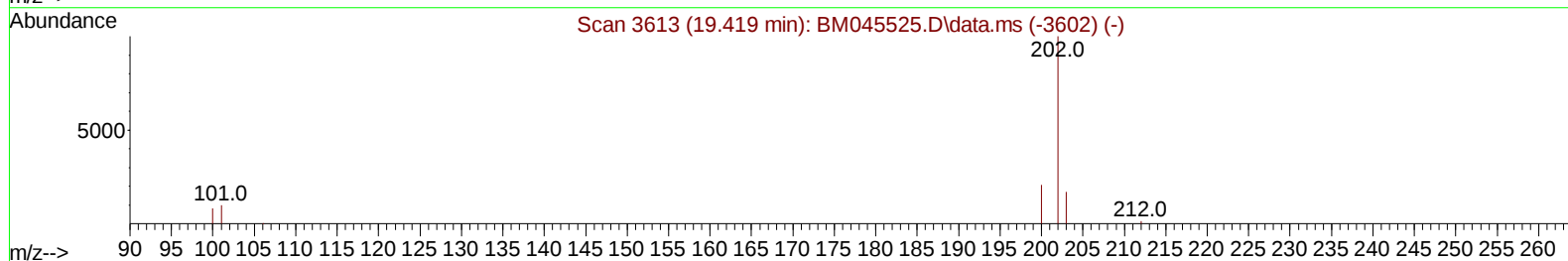
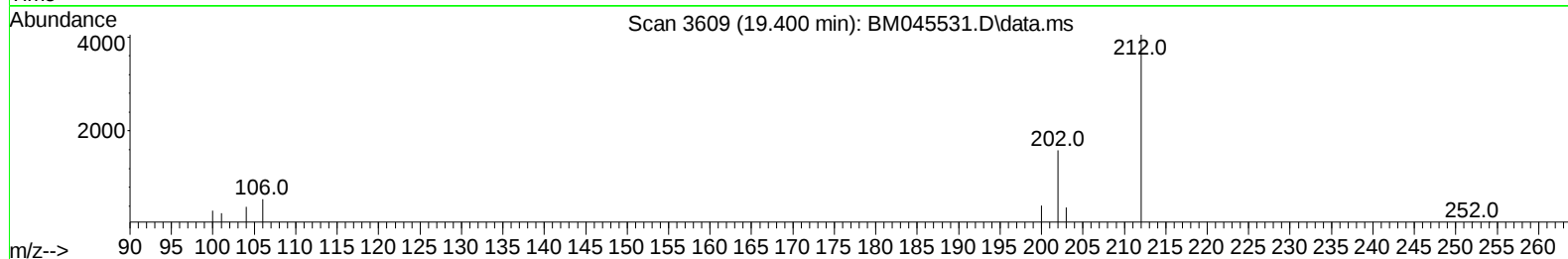
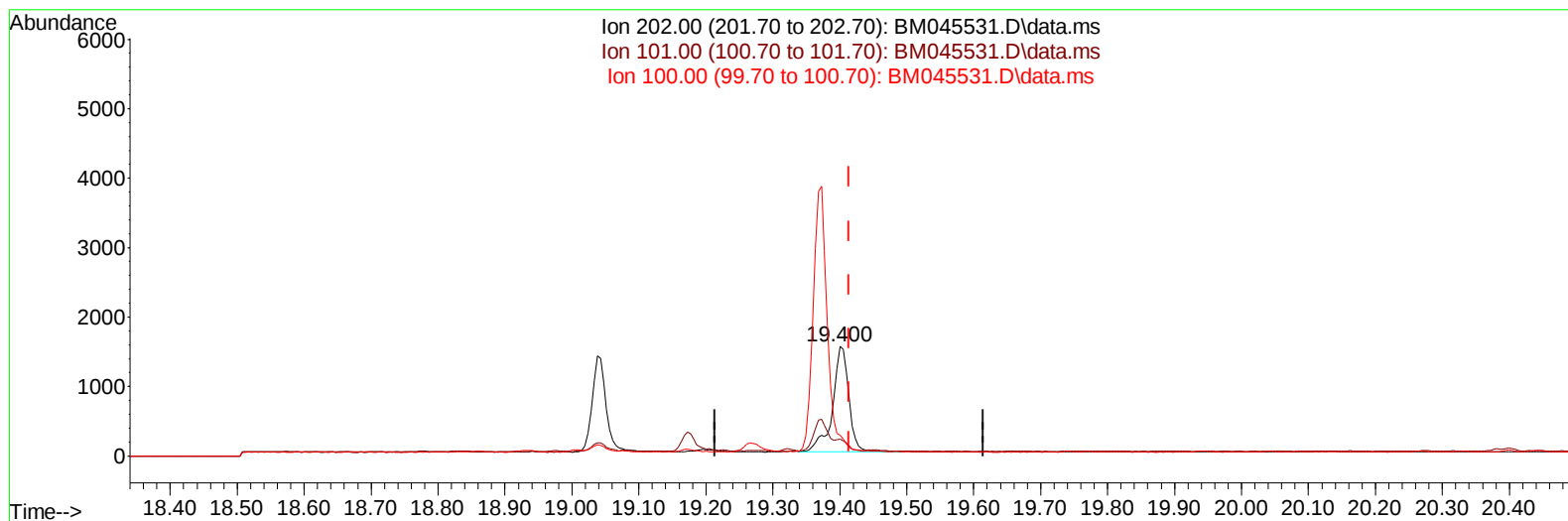
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ALS Vial : 8 Sample Multiplier: 1

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TIC: BM045531.D\data.ms

(20) Pyrene

19.400min (-0.014) 0.17 ng/u1

response 2552

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	15.36
100.00	13.20	18.84#
0.00	0.00	0.00

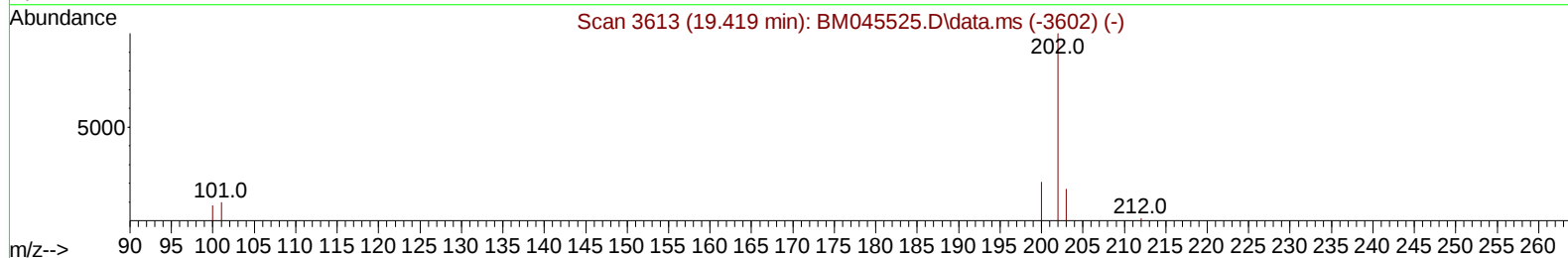
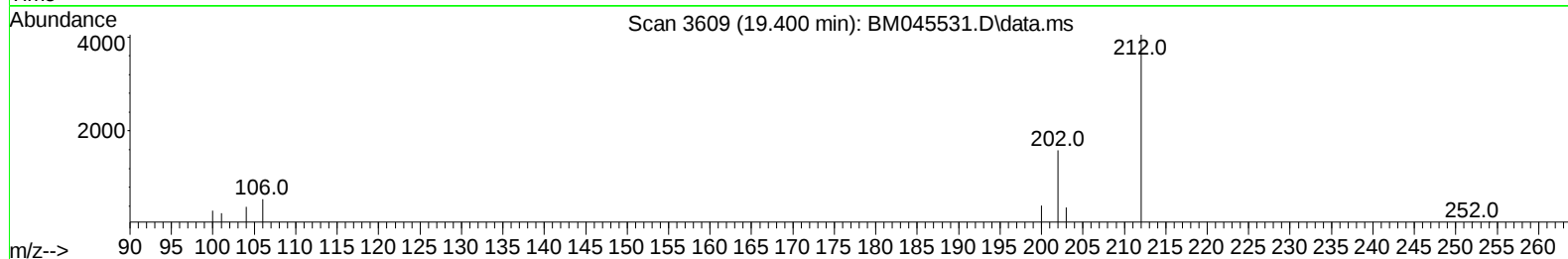
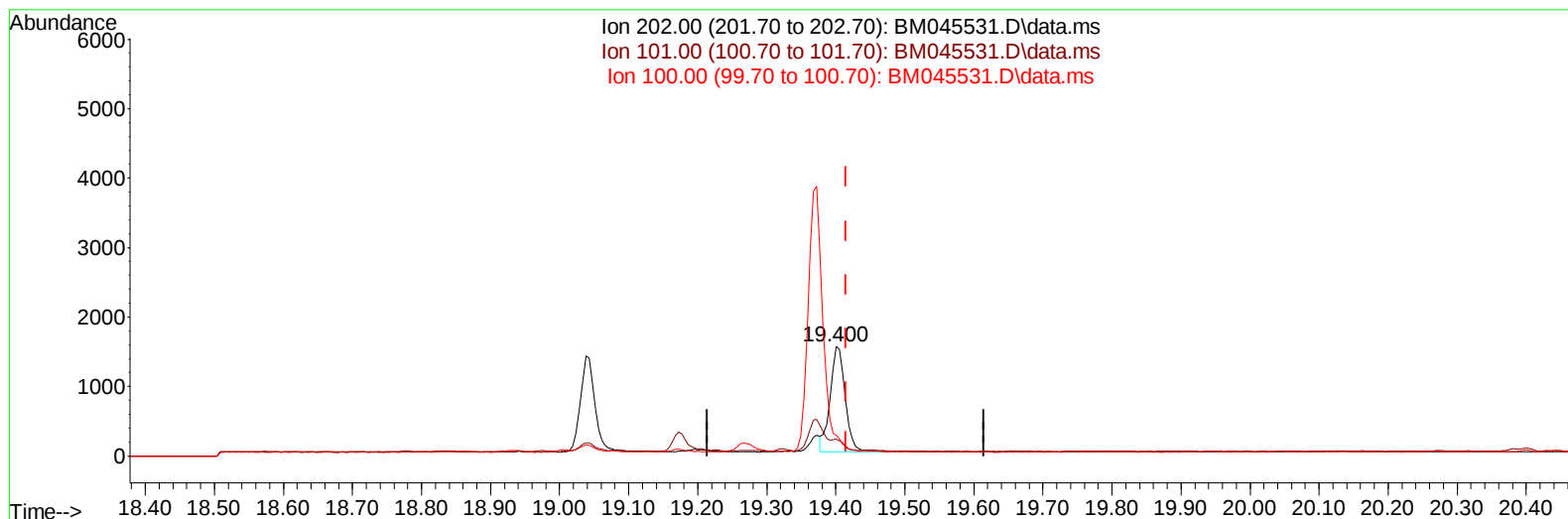
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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Instrument :
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TIC: BM045531.D\data.ms

(20) Pyrene

19.400min (-0.014) 0.15 ng/ul m

response 2318

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	15.36
100.00	13.20	18.84#
0.00	0.00	0.00

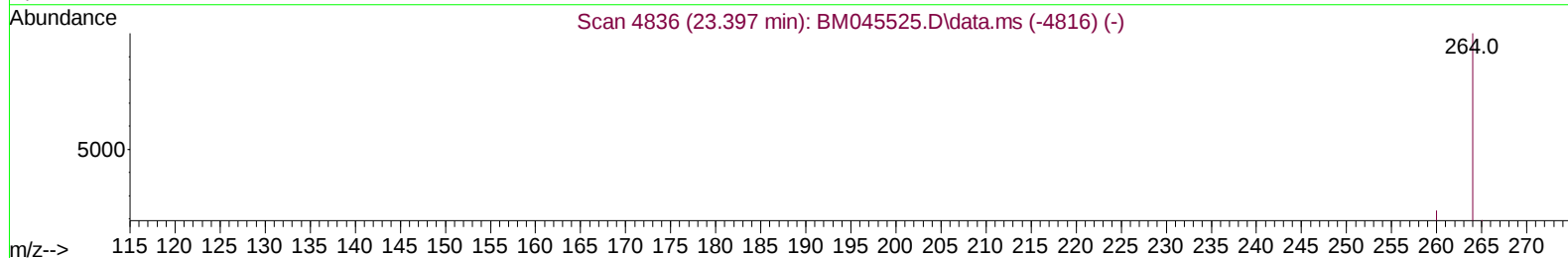
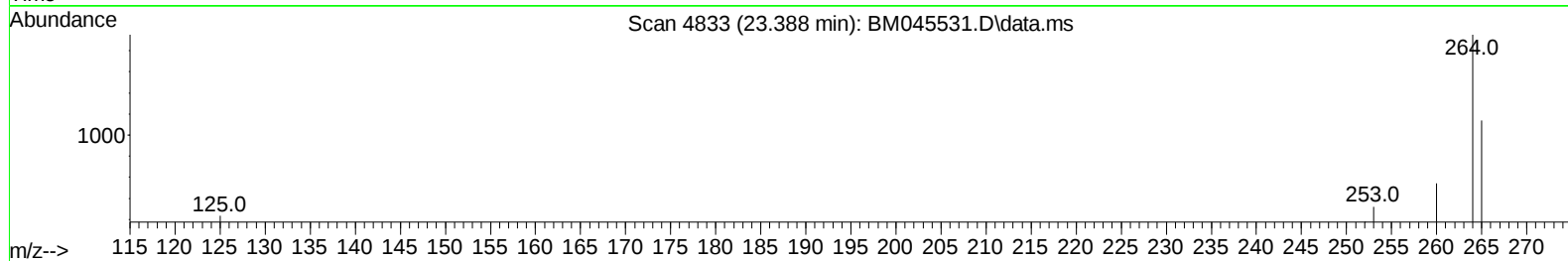
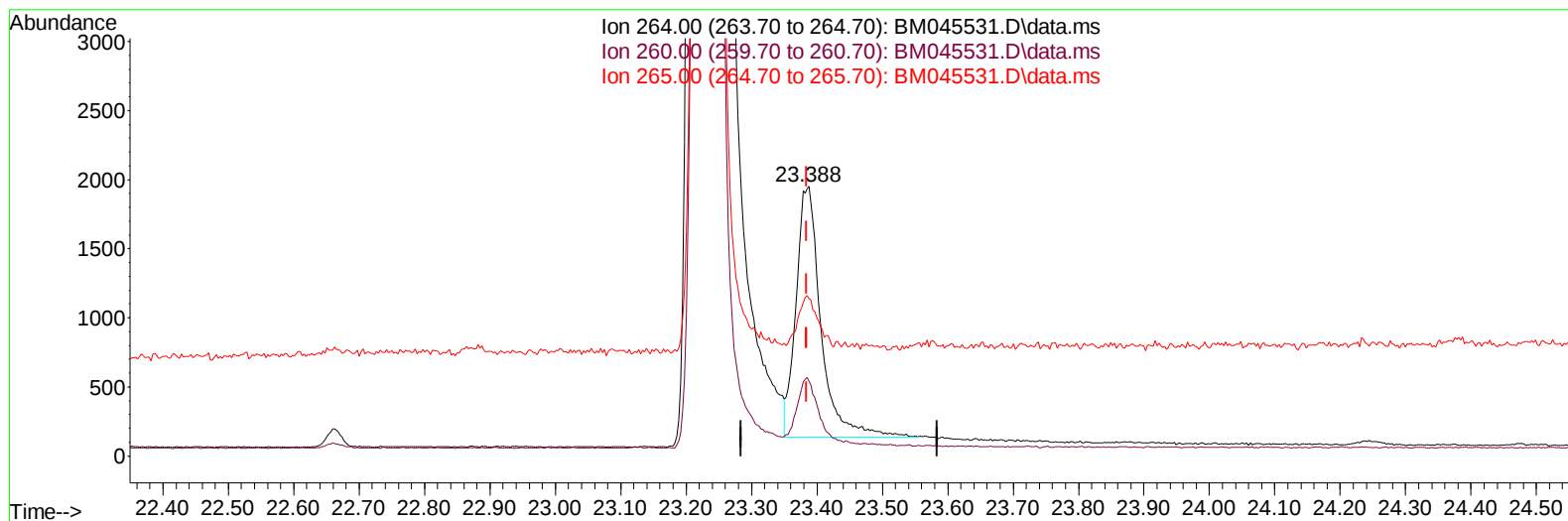
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TIC: BM045531.D\data.ms

(23) Perylene-d12 (I)

23.388min (+ 0.003) 0.40 ng/u1

response 4835

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.83
265.00	86.70	58.28#
0.00	0.00	0.00

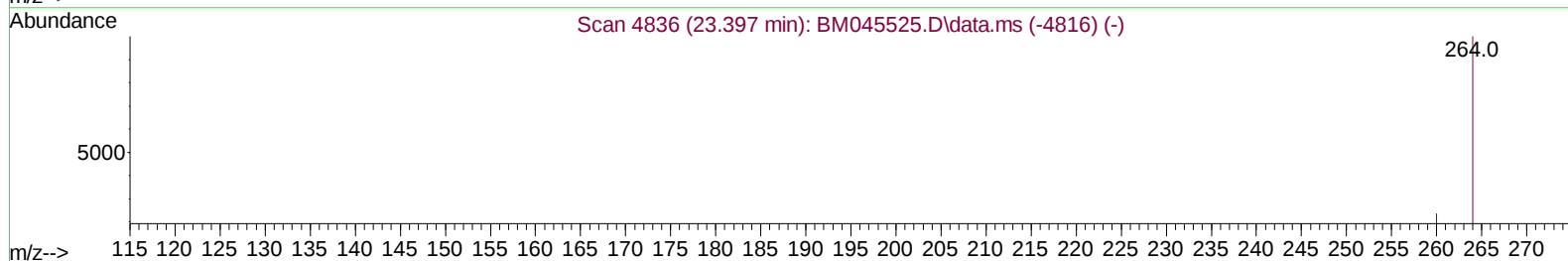
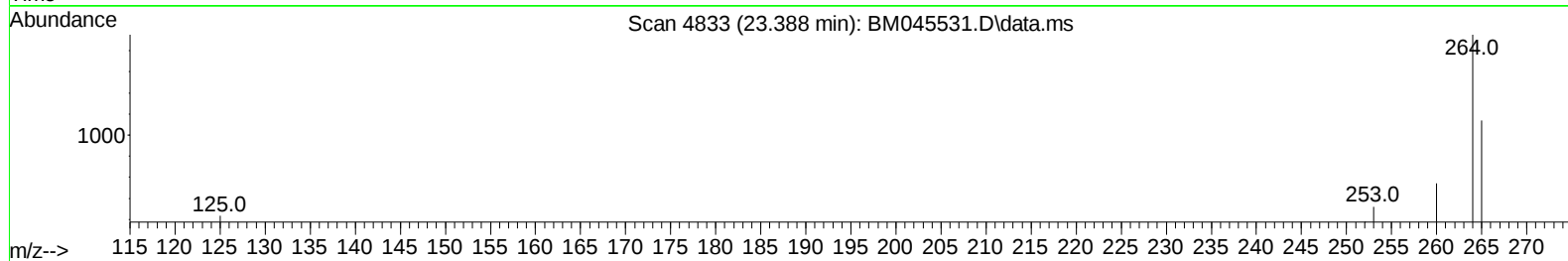
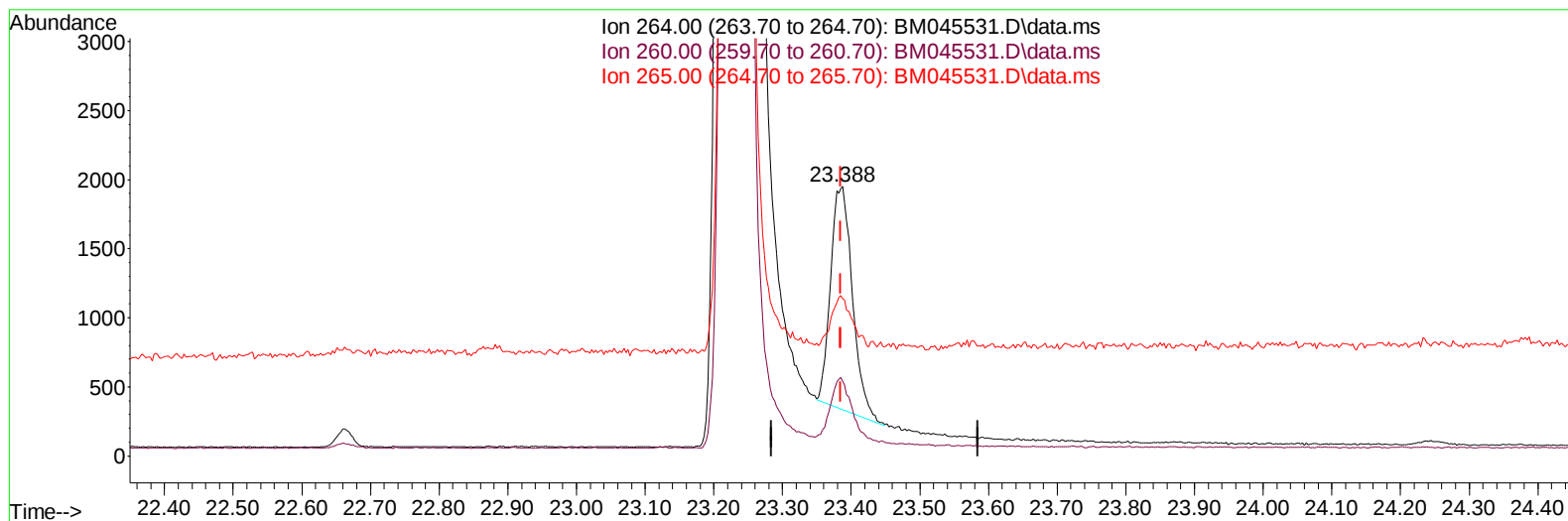
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045531.D
 Acq On : 24 Apr 2024 16:56
 Operator : MA/JU
 Sample : P2164-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA0

Manual IntegrationsAPPROVED

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TIC: BM045531.D\data.ms

(23) Perylene-d12 (I)

23.388min (+ 0.003) 0.40 ng/ul m

response 3549

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.83
265.00	86.70	58.28#
0.00	0.00	0.00

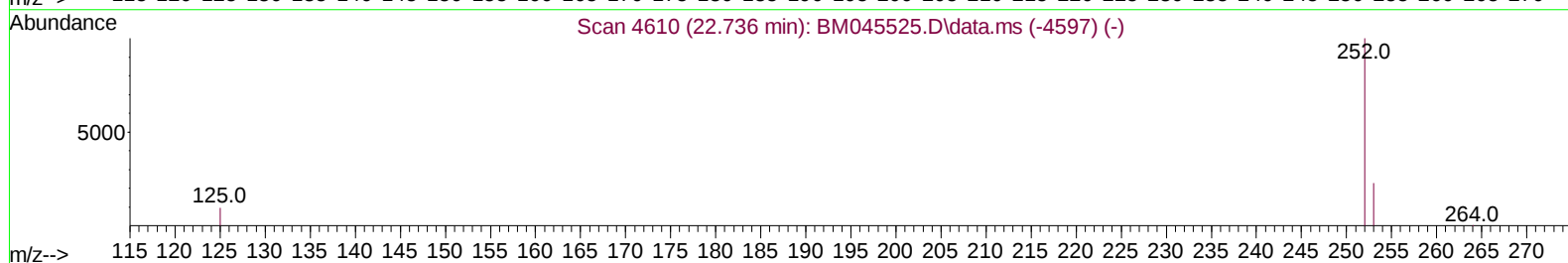
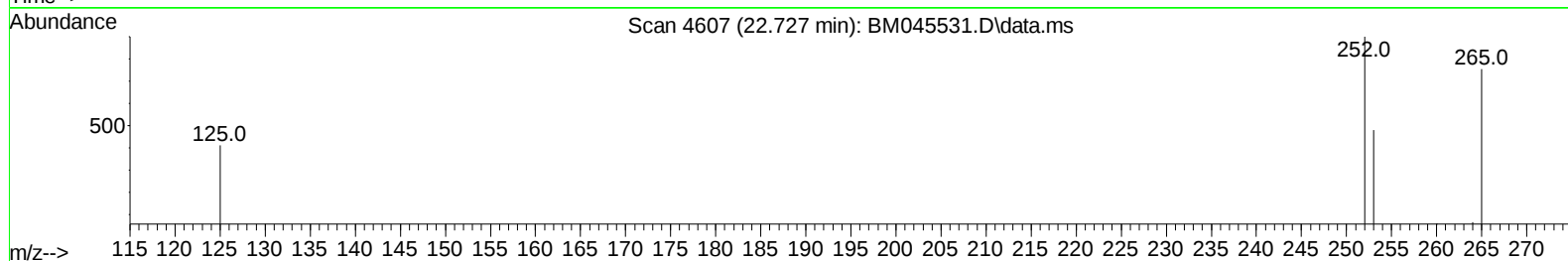
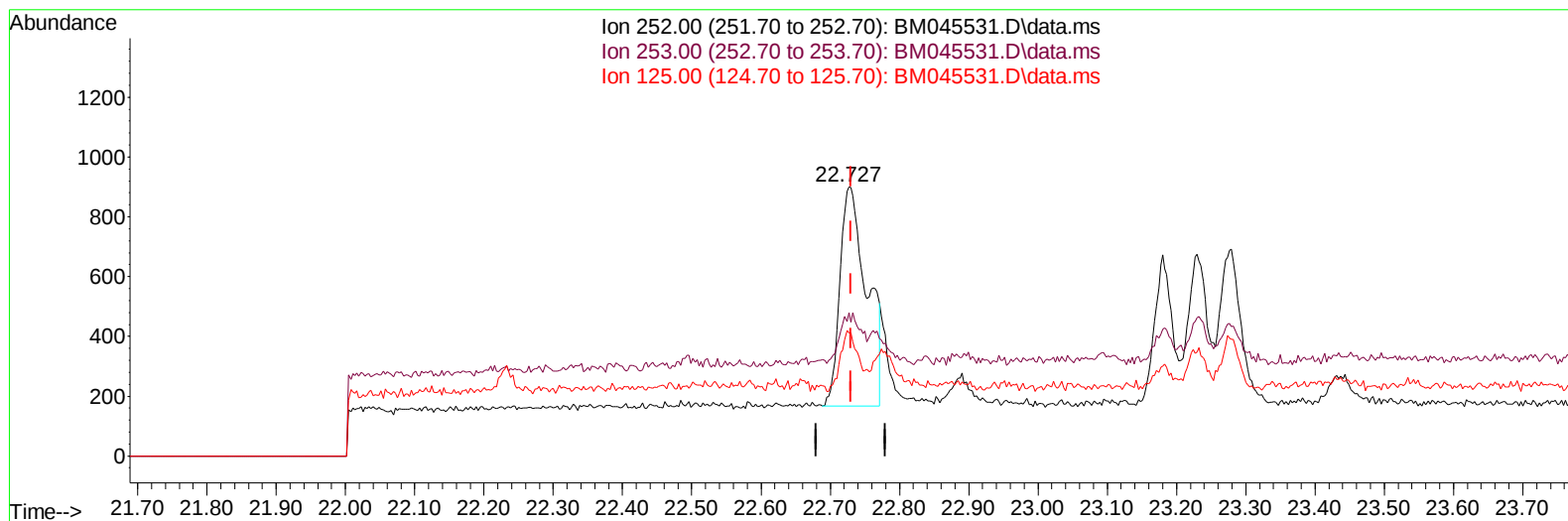
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Operator : MA/JU
Sample : P2164-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BM045531.D\data.ms

(24) Benzo(b)fluoranthene

22.727min (-0.003) 0.16 ng/u1

response 1967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.27
125.00	18.40	45.73#
0.00	0.00	0.00

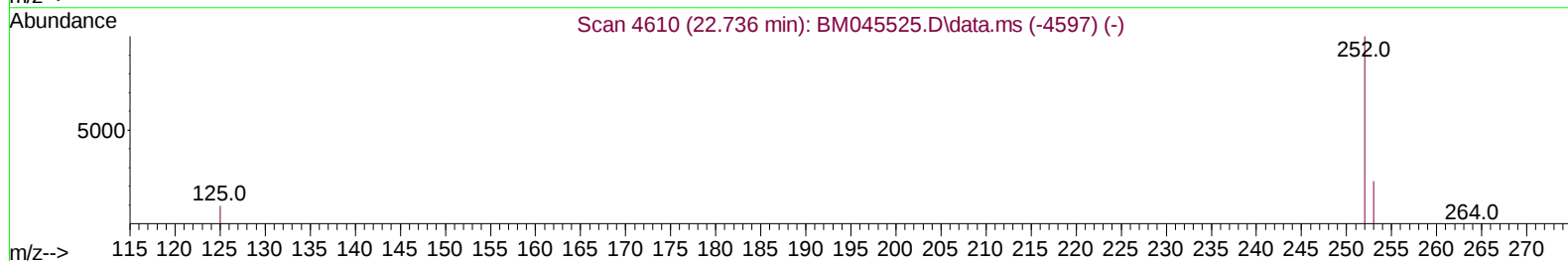
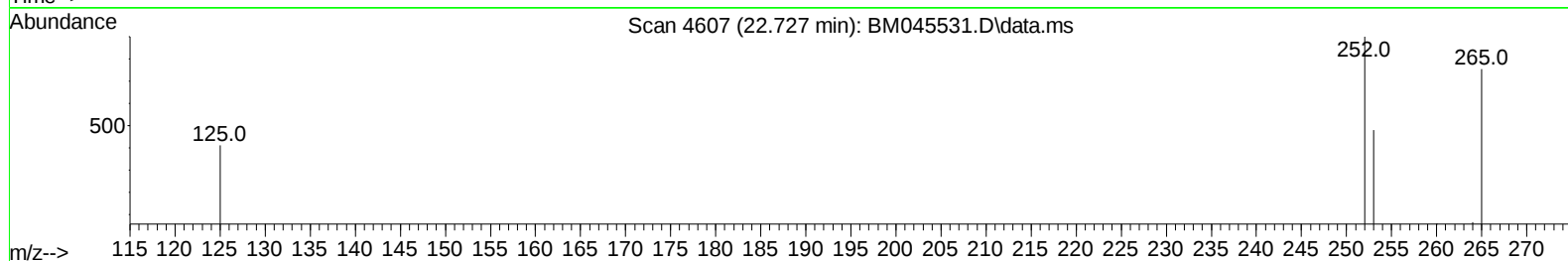
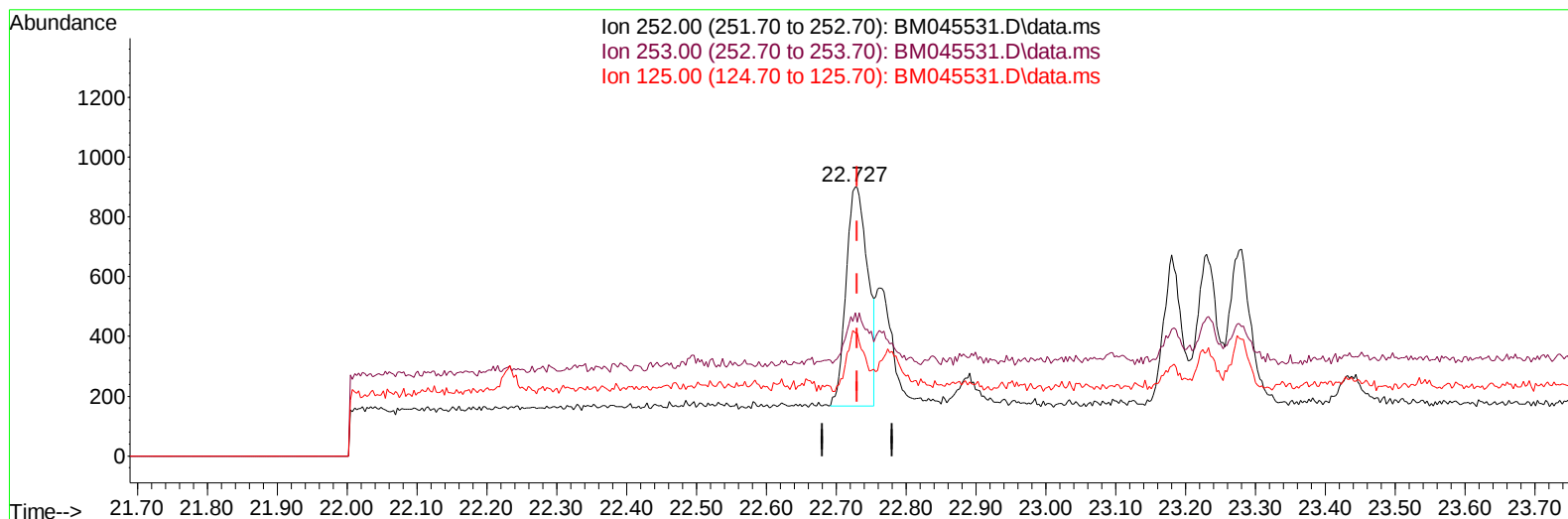
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045531.D
Acq On : 24 Apr 2024 16:56
Operator : MA/JU
Sample : P2164-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA0

Manual IntegrationsAPPROVED

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TIC: BM045531.D\data.ms

(24) Benzo(b)fluoranthene

22.727min (-0.003) 0.13 ng/u1 m

response 1564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.27
125.00	18.40	45.73#
0.00	0.00	0.00

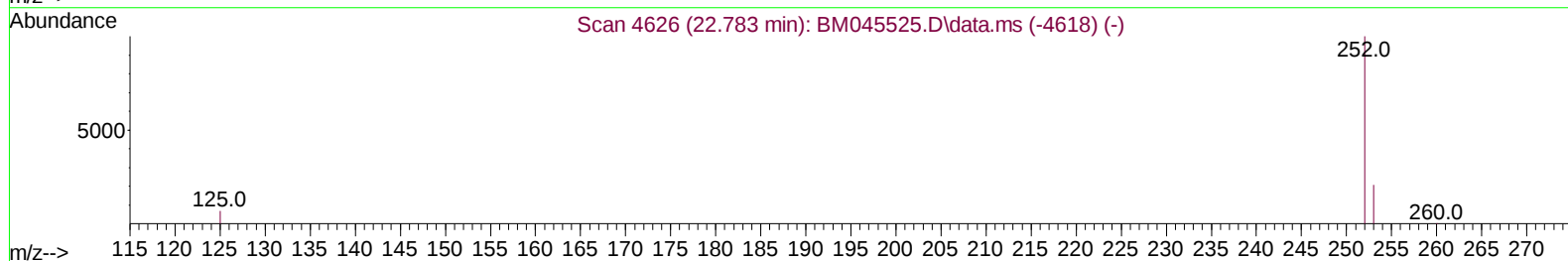
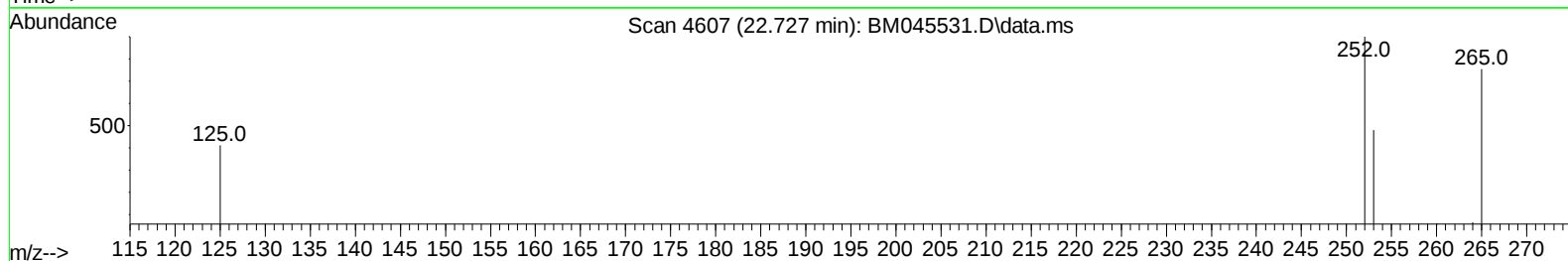
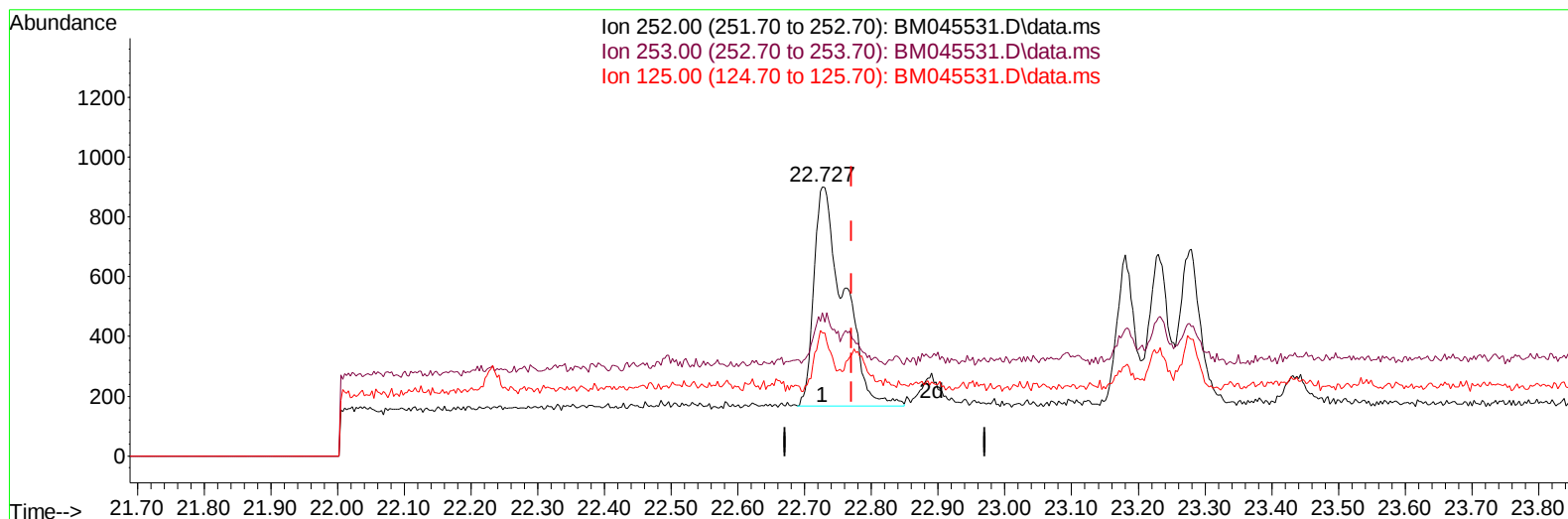
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 Operator : MA/JU
 Sample : P2164-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BM045531.D\data.ms

(25) Benzo(k)fluoranthene

22.727min (-0.044) 0.15 ng/u1

response 2277

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.27#
125.00	18.50	45.73#
0.00	0.00	0.00

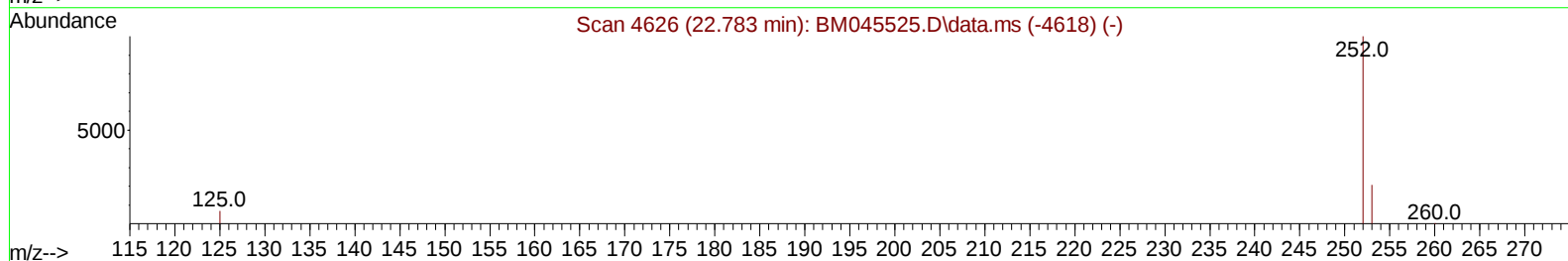
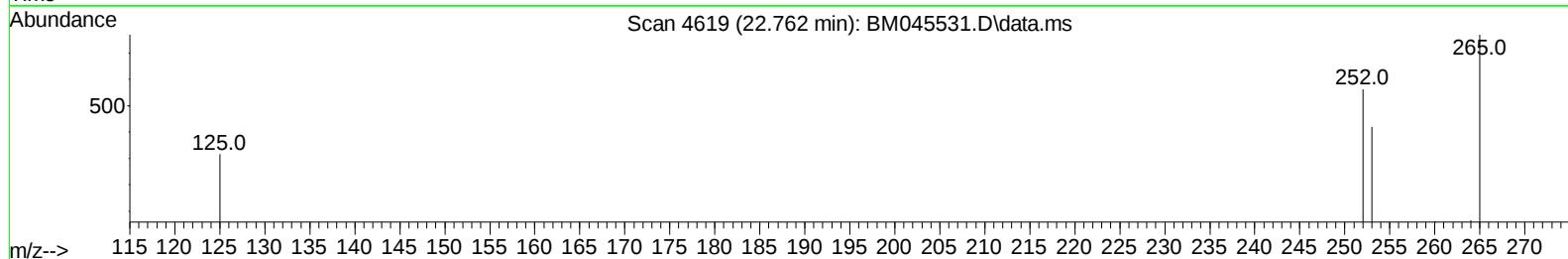
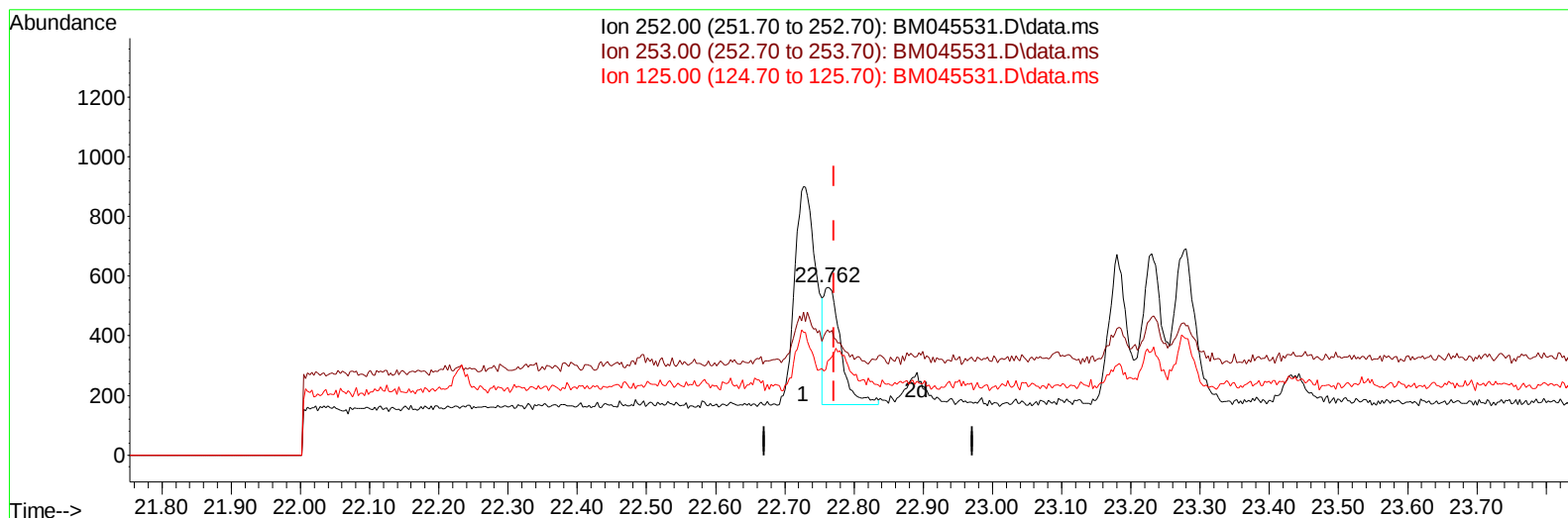
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ALS Vial : 8 Sample Multiplier: 1

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TIC: BM045531.D\data.ms

(25) Benzo(k)fluoranthene

22.762min (-0.009) 0.05 ng/u1 m

response 685

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	74.60#
125.00	18.50	55.95#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 C0SA0

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152		1003	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136		2971	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164		1649	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188		3556m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.199	240		3225	0.400	ng/ul	# 0.00
23) Perylene-d12	23.388	264		3549m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4779	3.555	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152		972	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.010	212		2141	0.211	ng/ul	0.00
Target Compounds							Qvalue
10) Acenaphthylene	13.923	152		254	0.031	ng/ul#	47
15) Phenanthrene	17.005	178		989	0.095	ng/ul	94
19) Fluoranthene	19.038	202		2013	0.135	ng/ul	99
20) Pyrene	19.400	202		2318m	0.152	ng/ul	
21) Benzo(a)anthracene	21.190	228		812	0.079	ng/ul#	89
22) Chrysene	21.237	228		1148	0.072	ng/ul#	90
24) Benzo(b)fluoranthene	22.727	252		1564m	0.131	ng/ul	
25) Benzo(k)fluoranthene	22.762	252		685m	0.045	ng/ul	
26) Benzo(a)pyrene	23.279	252		1078	0.087	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	25.608	276		1024	0.057	ng/ul#	85
29) Benzo(g,h,i)perylene	26.262	276		1070	0.066	ng/ul#	74

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

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