

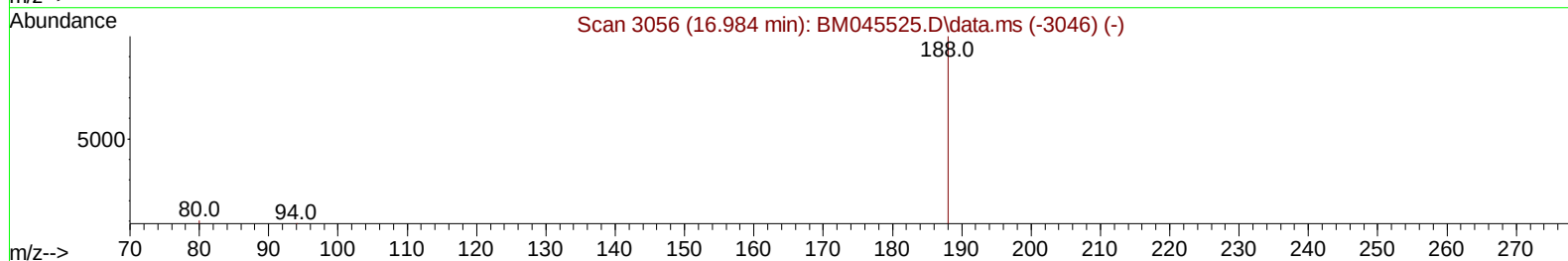
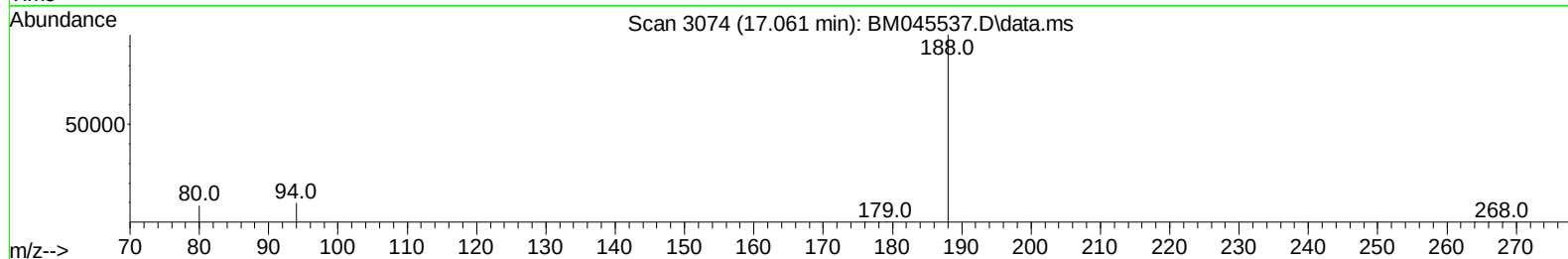
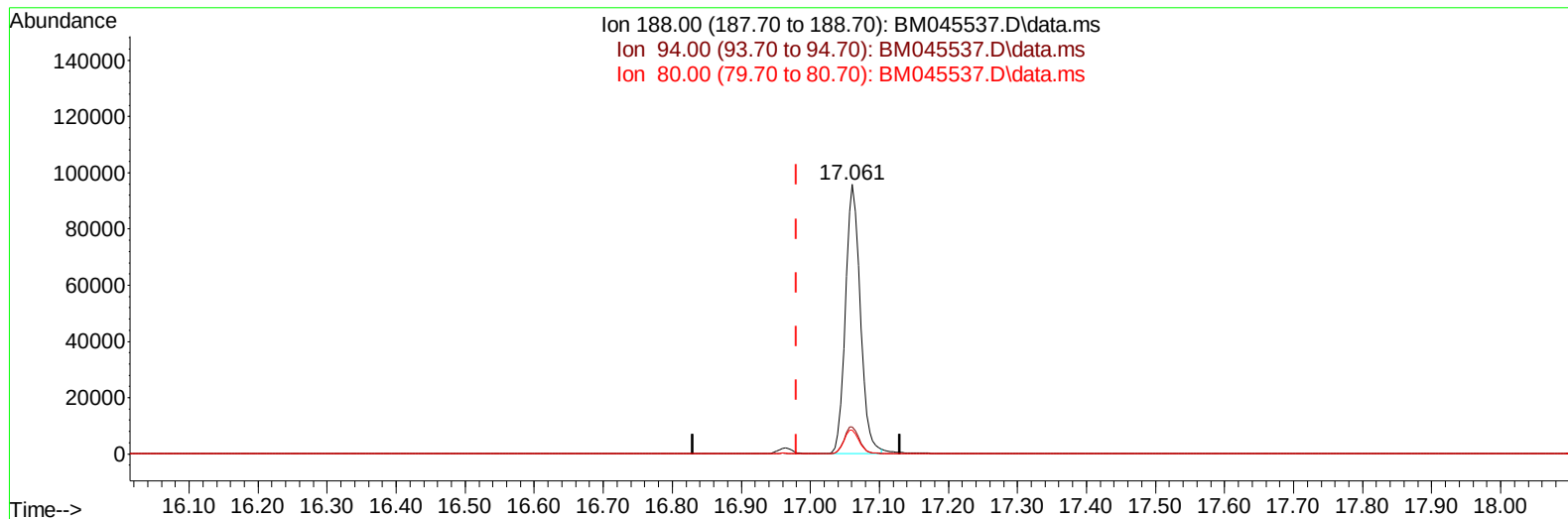
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S95

Manual IntegrationsAPPROVED

Quant Time: Apr 24 23:50:27 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: BM045537.D\data.ms

(13) Phenanthrene-d10 (I)

17.061min (+ 0.081) 0.40 ng/u1

response 143316

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.12#
80.00	14.80	8.90#
0.00	0.00	0.00

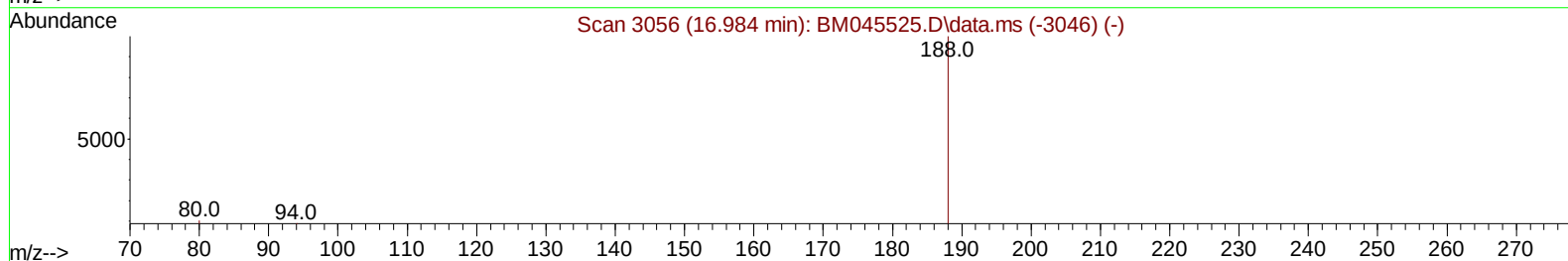
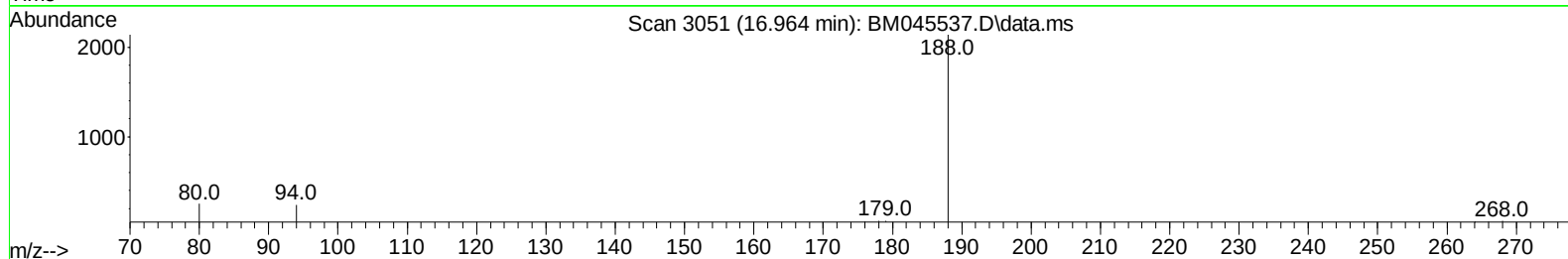
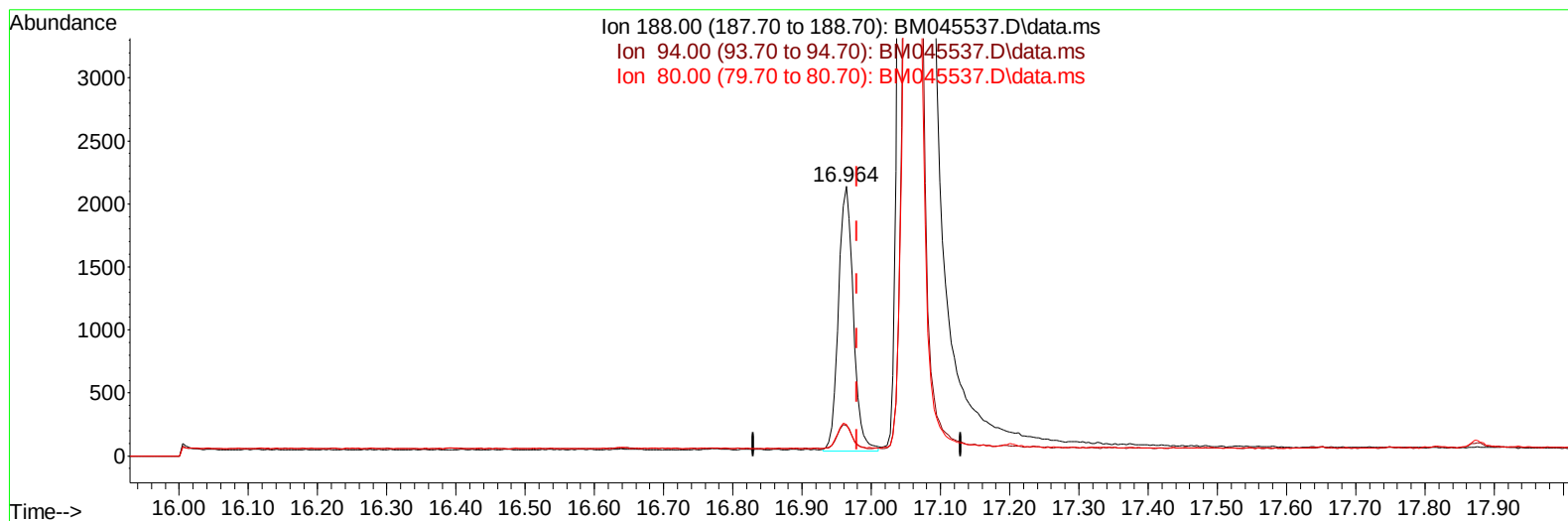
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S95

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/27/2024



TIC: BM045537.D\data.ms

(13) Phenanthrene-d10 (I)

16.964min (-0.016) 0.40 ng/ul m

response 3131

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.27#
80.00	14.80	11.74#
0.00	0.00	0.00

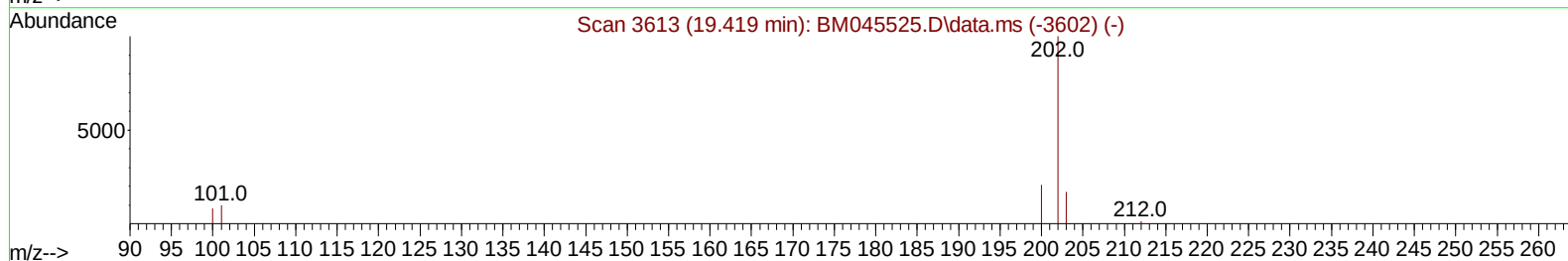
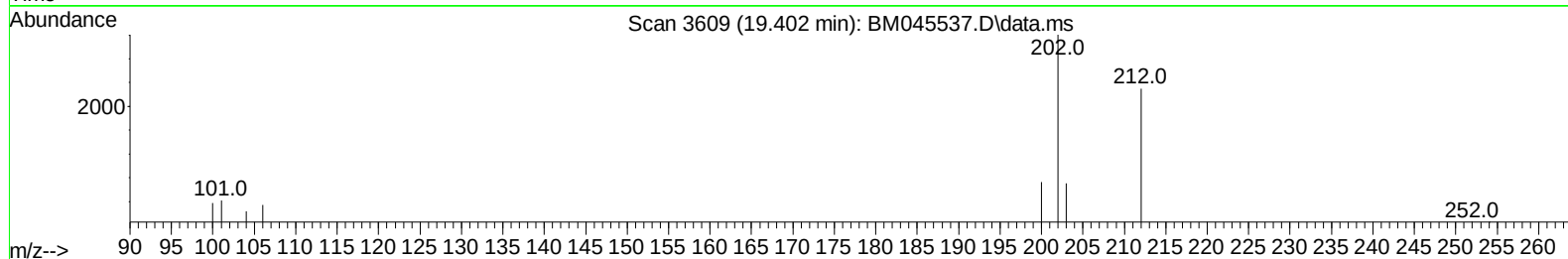
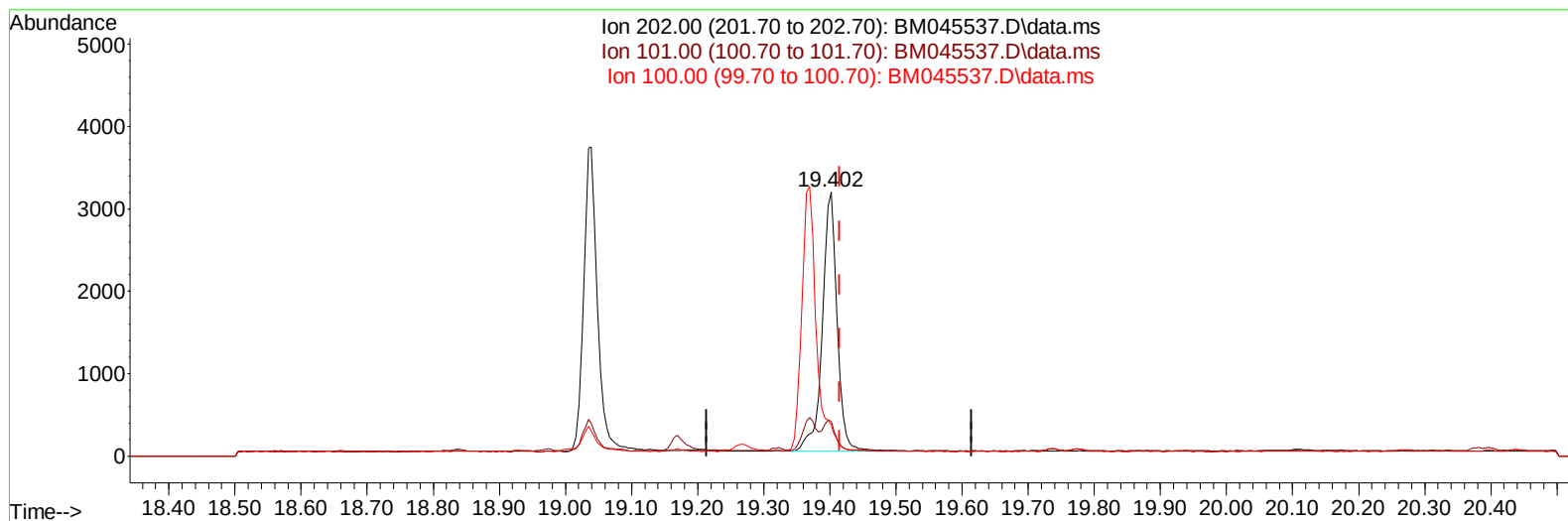
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S95

Manual IntegrationsAPPROVED

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TIC: BM045537.D\data.ms

(20) Pyrene

19.402min (-0.013) 0.38 ng/u1

response 4914

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.16
100.00	13.20	11.73
0.00	0.00	0.00

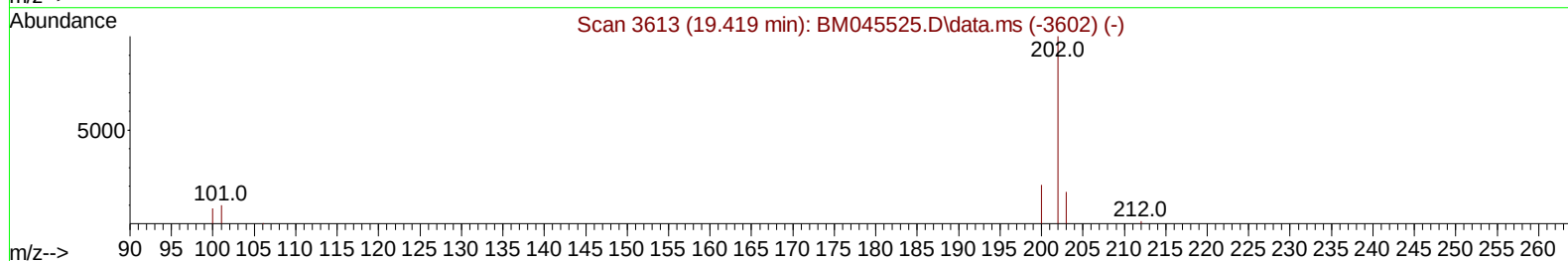
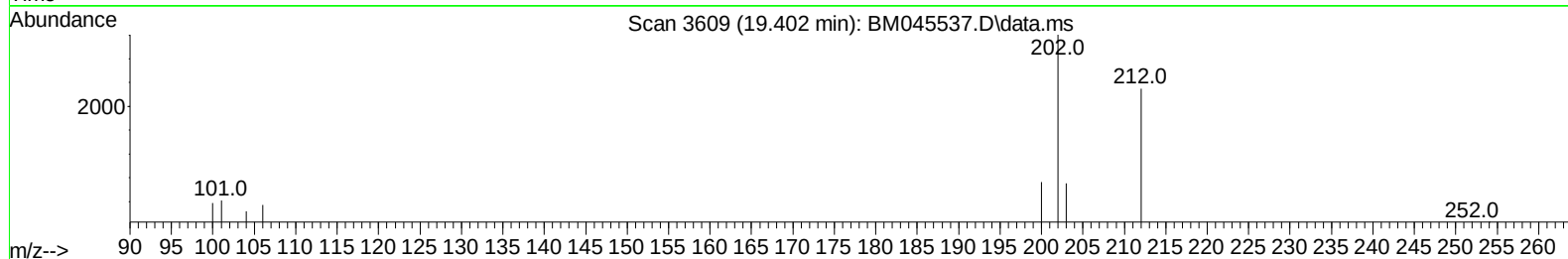
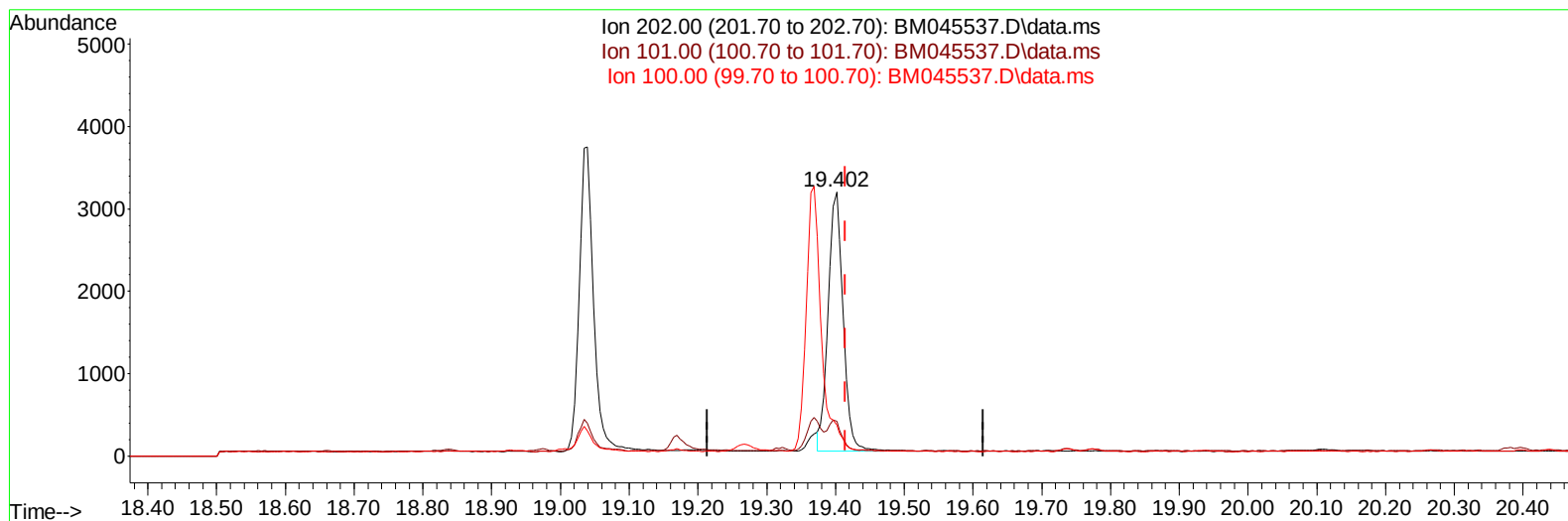
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045537.D\data.ms

(20) Pyrene

19.402min (-0.013) 0.36 ng/ul m

response 4680

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.16
100.00	13.20	11.73
0.00	0.00	0.00

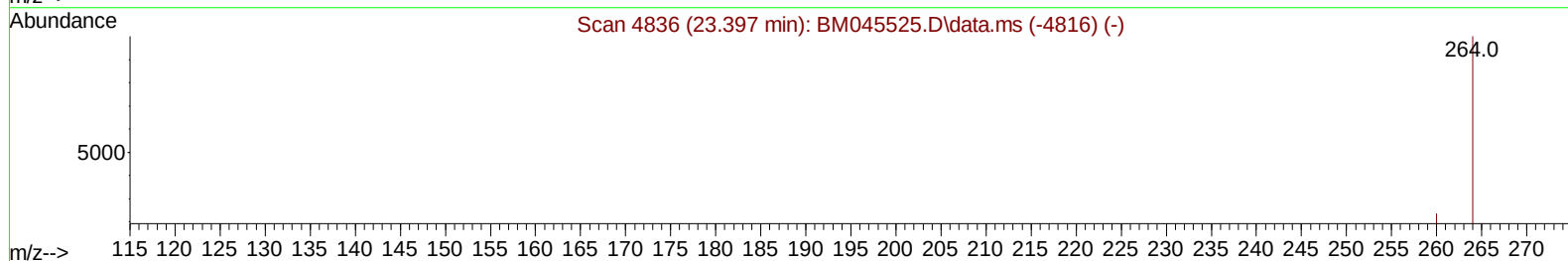
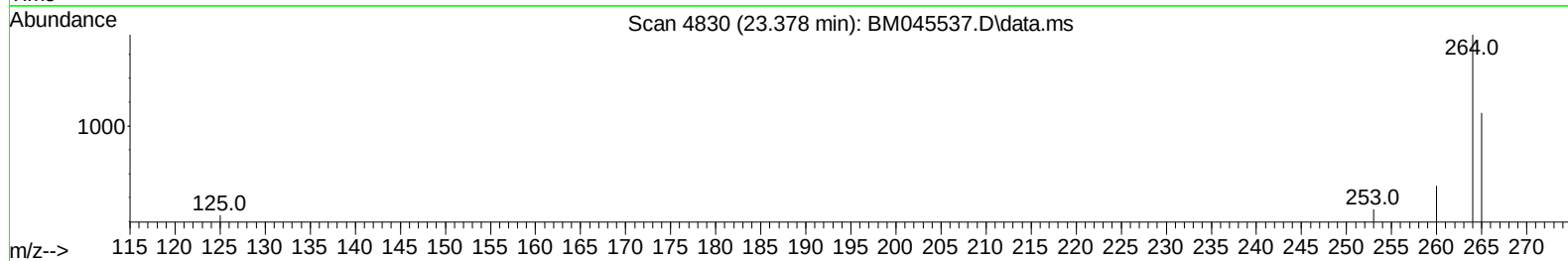
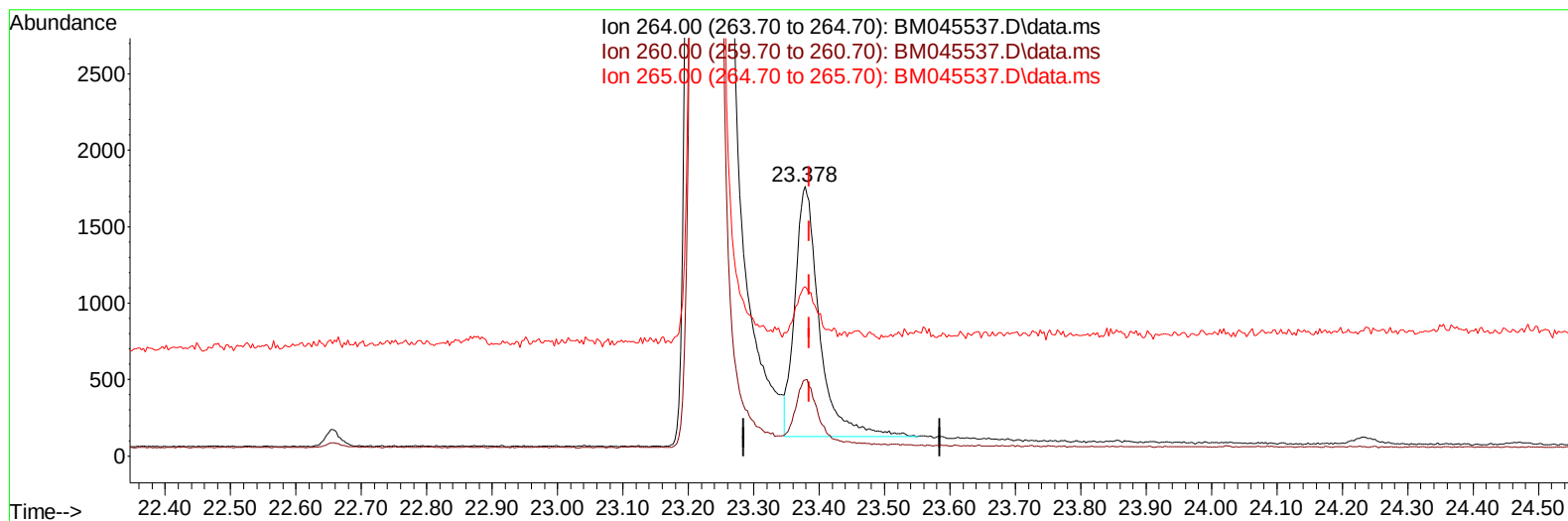
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Instrument :
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TIC: BM045537.D\data.ms

(23) Perylene-d12 (I)

23.378min (-0.007) 0.40 ng/u1

response 4266

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.19
265.00	86.70	62.79#
0.00	0.00	0.00

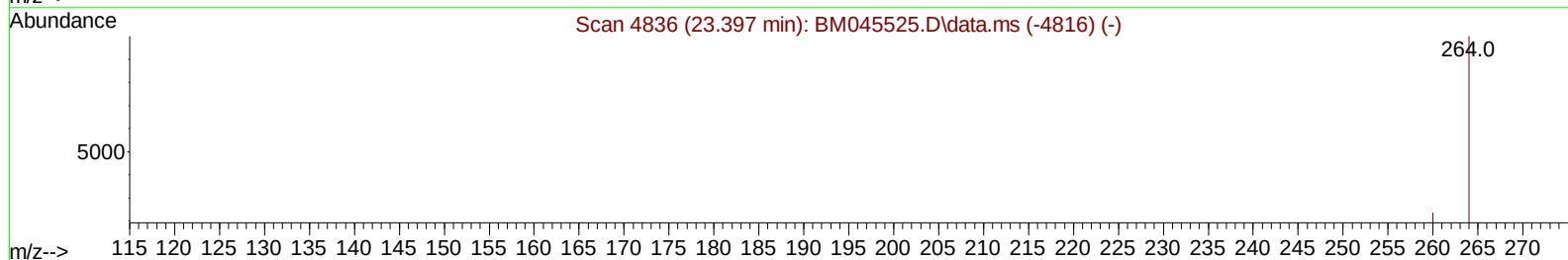
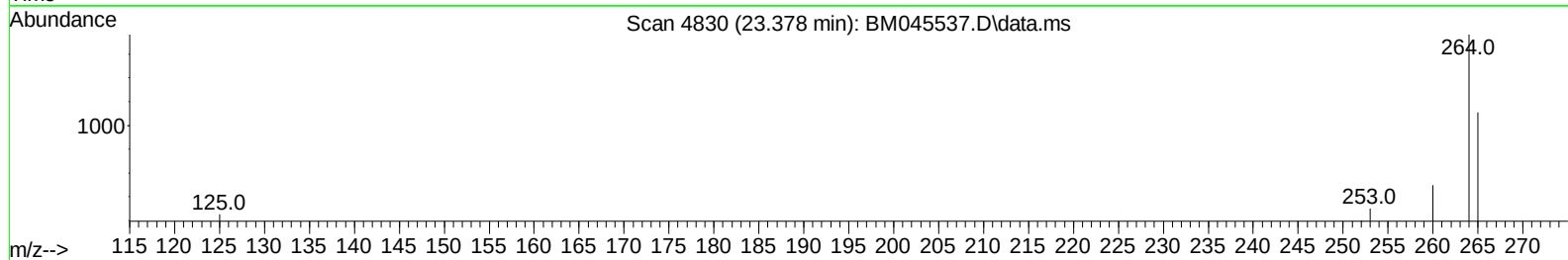
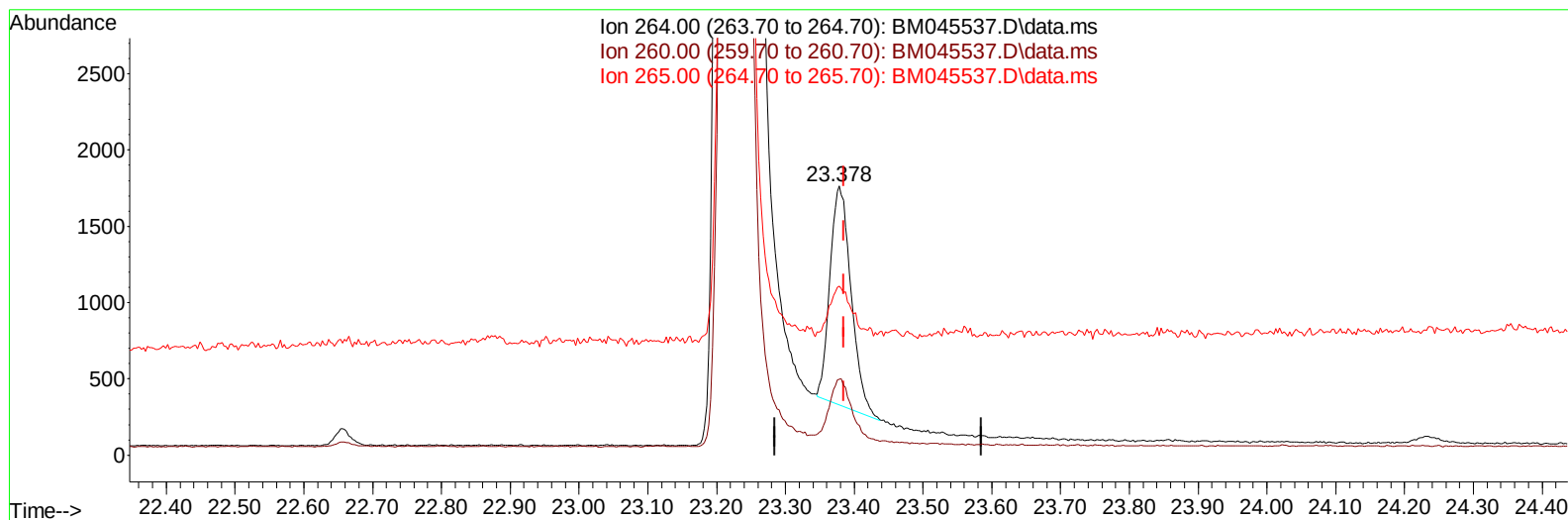
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S95

Manual IntegrationsAPPROVED

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TIC: BM045537.D\data.ms

(23) Perylene-d12 (I)

23.378min (-0.007) 0.40 ng/ul m

response 3044

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.19
265.00	86.70	62.79#
0.00	0.00	0.00

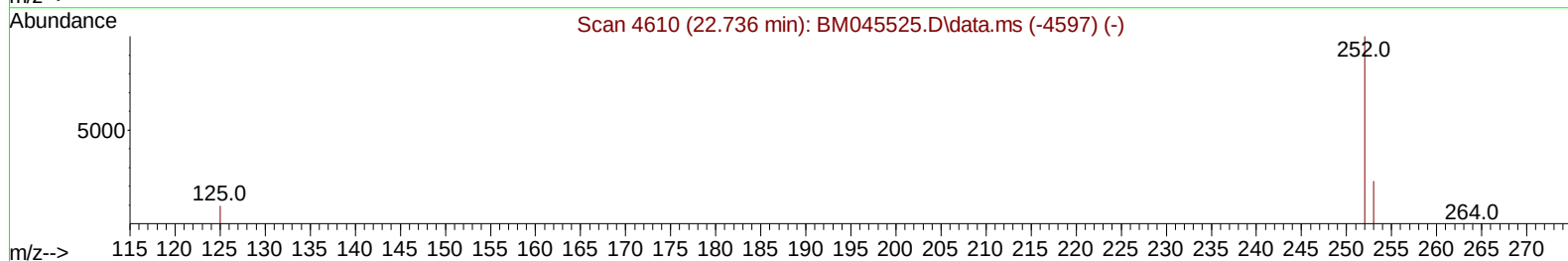
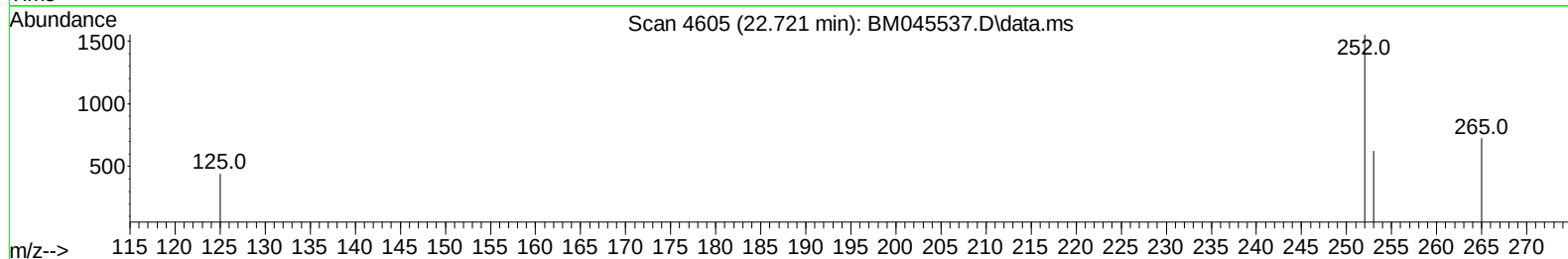
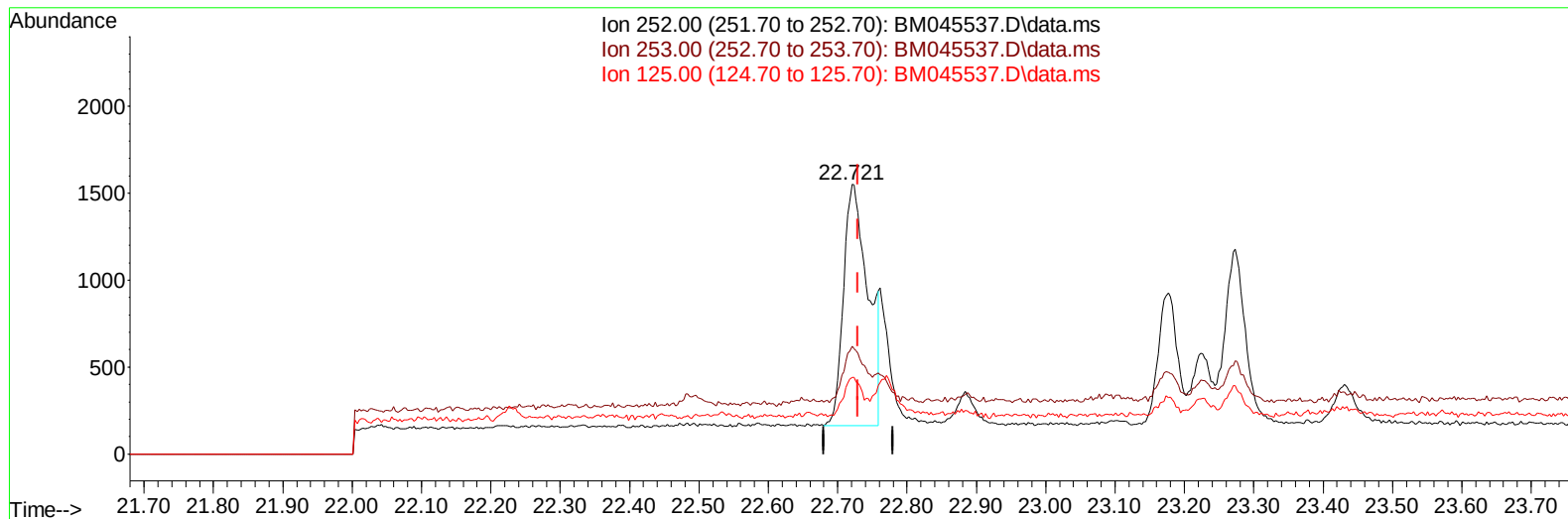
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S95

Manual IntegrationsAPPROVED

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TIC: BM045537.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.010) 0.33 ng/u1

response 3409

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.06
125.00	18.40	28.45
0.00	0.00	0.00

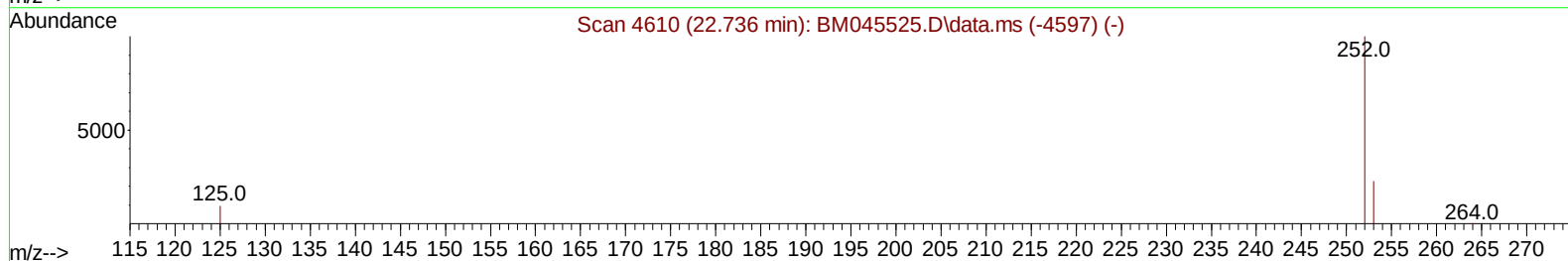
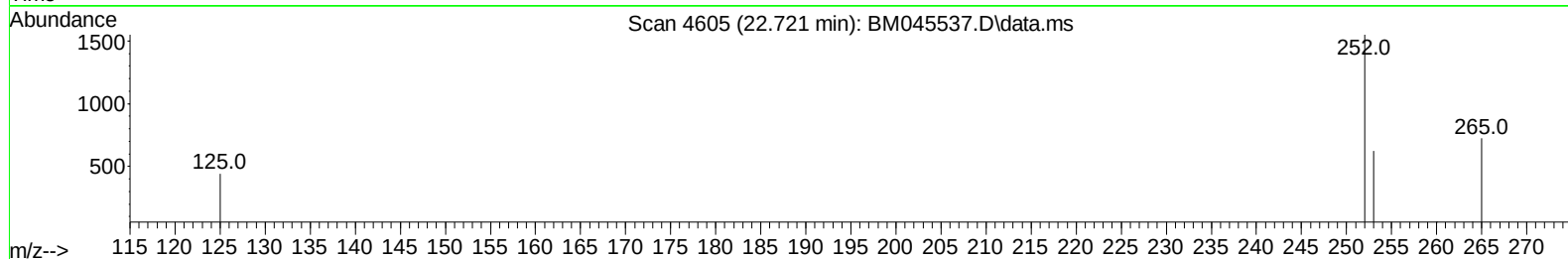
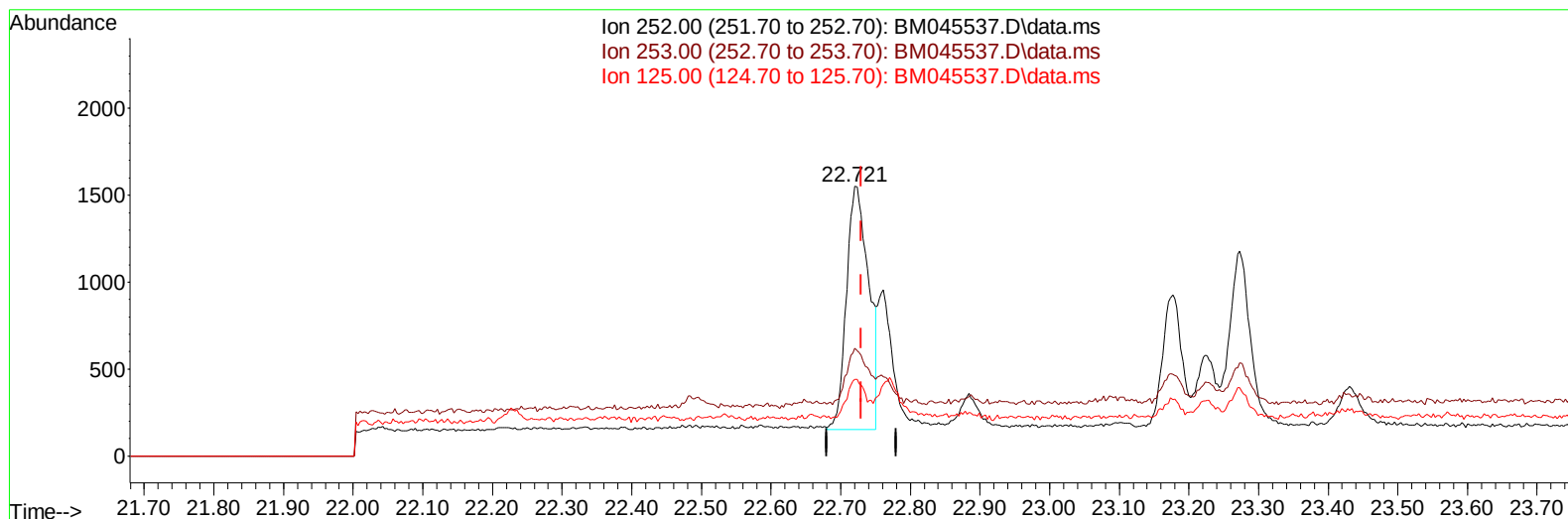
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045537.D
 Acq On : 24 Apr 2024 21:19
 Operator : MA/JU
 Sample : P2164-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S95

Manual IntegrationsAPPROVED

Quant Time: Apr 24 23:50:27 2024
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TIC: BM045537.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.010) 0.30 ng/ul m

response 3074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.06
125.00	18.40	28.45
0.00	0.00	0.00

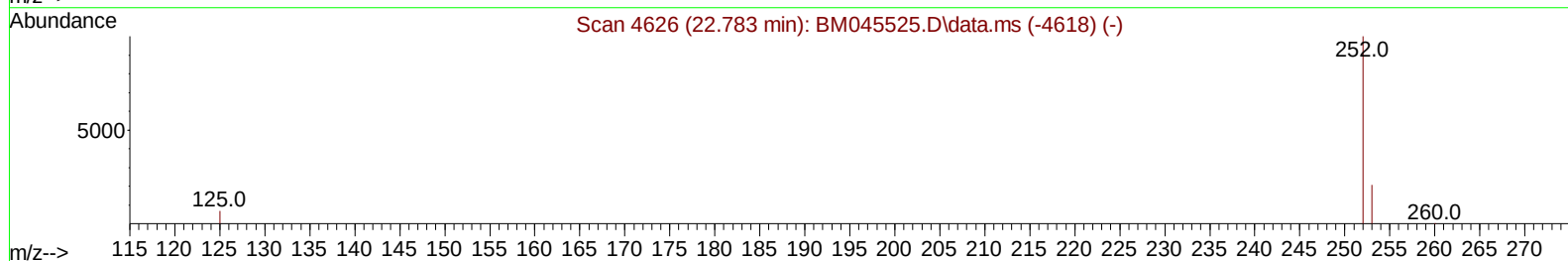
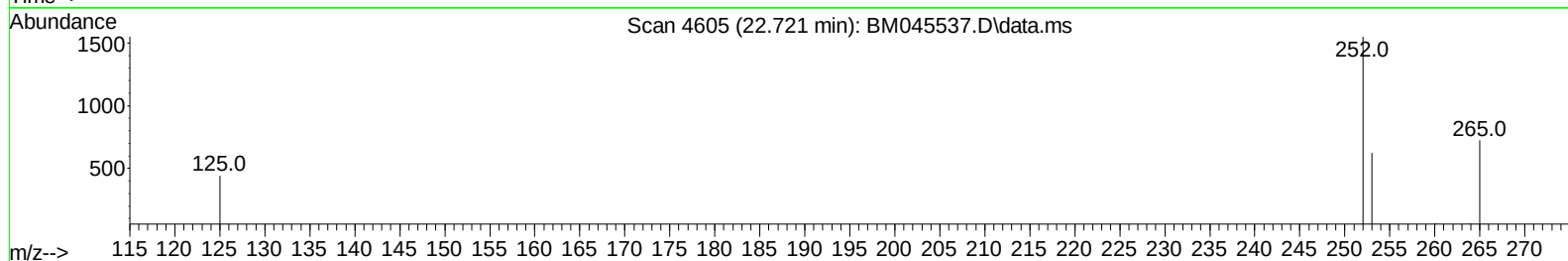
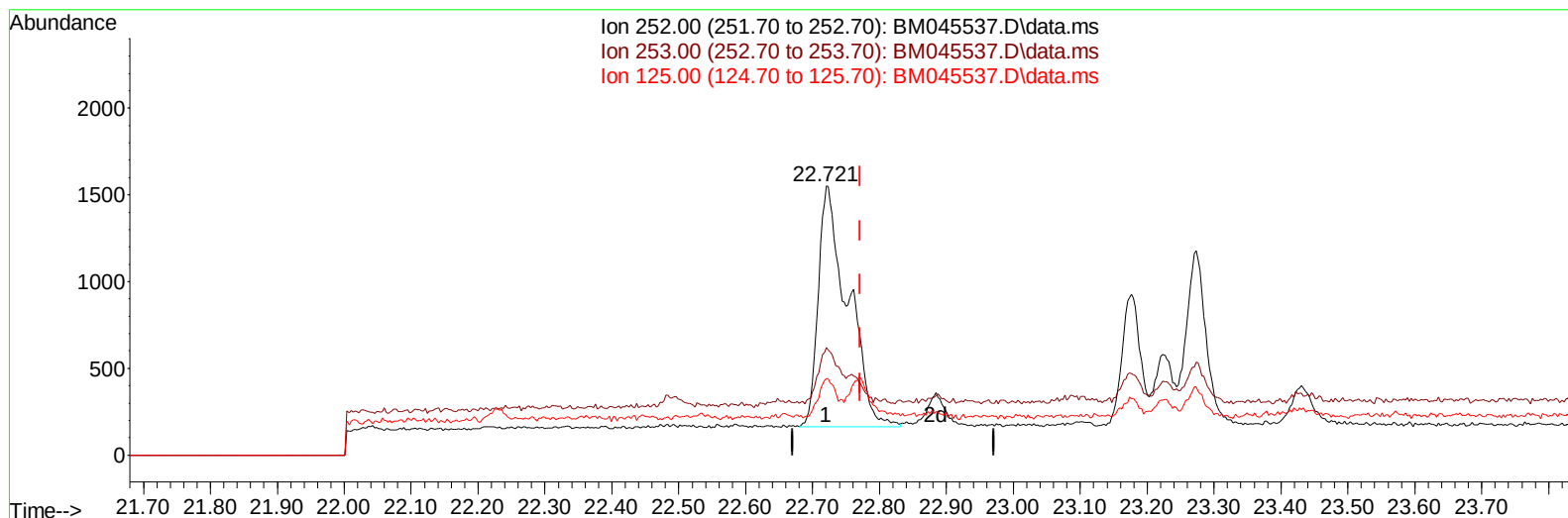
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
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Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045537.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.050) 0.33 ng/u1

response 4231

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.06#
125.00	18.50	28.45#
0.00	0.00	0.00

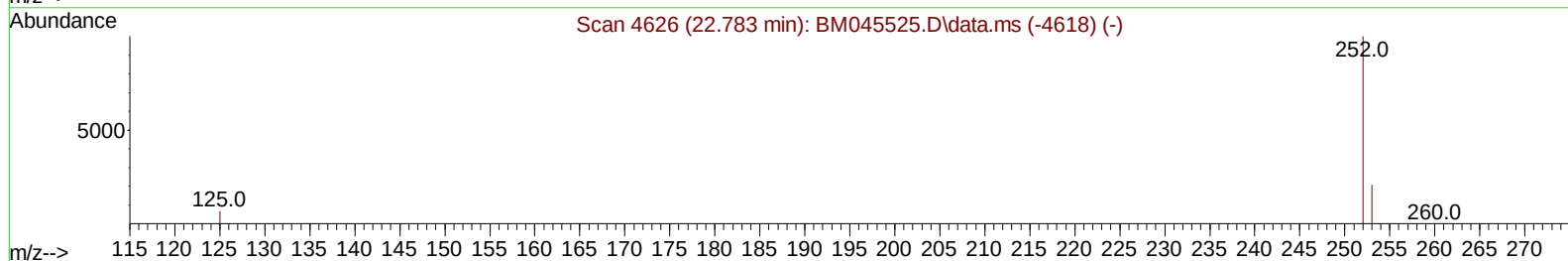
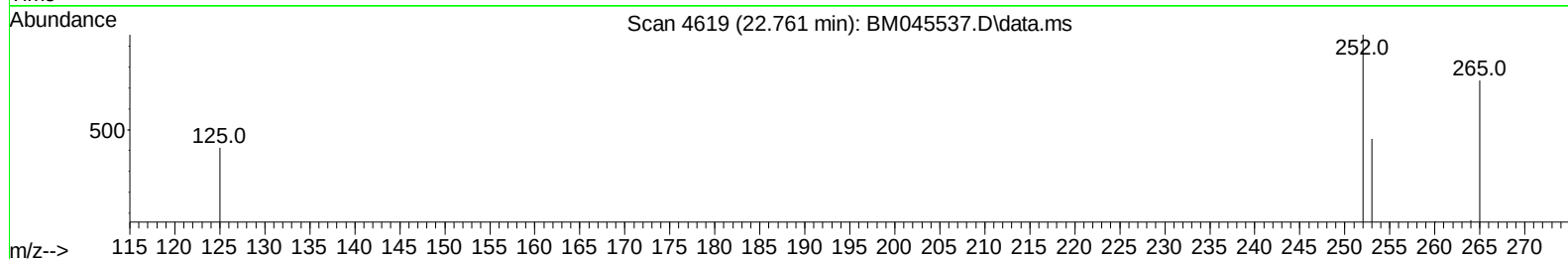
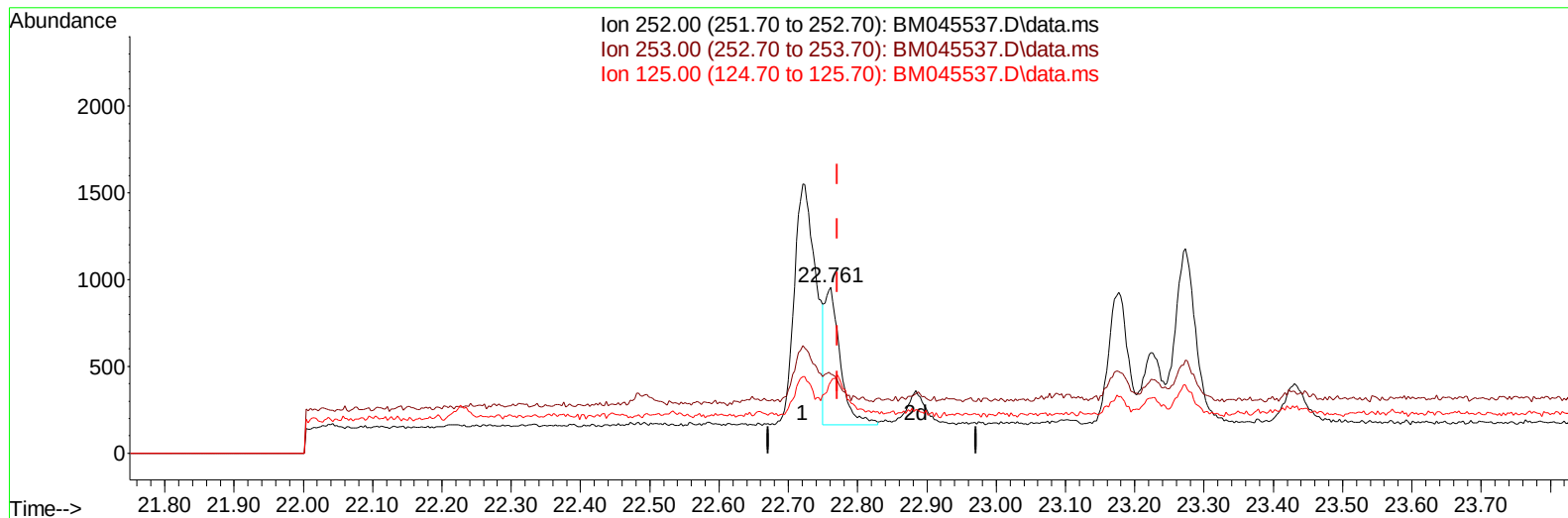
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Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045537.D\data.ms

(25) Benzo(k)fluoranthene

22.761min (-0.009) 0.09 ng/ul m

response 1219

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	47.59#
125.00	18.50	43.20#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2164-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 COS95

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		829	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136		2473	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164		1369	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188		3131m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.192	240		2733	0.400	ng/ul	# 0.00
23) Perylene-d12	23.378	264		3044m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		3689	3.320	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152		722	0.221	ng/ul	0.01
18) Fluoranthene-d10	19.007	212		1734	0.202	ng/ul	-0.01
Target Compounds							
							Qvalue
15) Phenanthrene	17.002	178		2823	0.310	ng/ul	98
16) Anthracene	17.095	178		347	0.041	ng/ul#	76
19) Fluoranthene	19.039	202		5443	0.432	ng/ul#	92
20) Pyrene	19.402	202		4680m	0.361	ng/ul	
21) Benzo(a)anthracene	21.184	228		1849	0.212	ng/ul	98
22) Chrysene	21.230	228		2089	0.156	ng/ul	99
24) Benzo(b)fluoranthene	22.721	252		3074m	0.300	ng/ul	
25) Benzo(k)fluoranthene	22.761	252		1219m	0.094	ng/ul	
26) Benzo(a)pyrene	23.273	252		2060	0.194	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.587	276		1659	0.107	ng/ul	97
28) Dibenzo(a,h)anthracene	25.608	278		364	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.255	276		1785	0.129	ng/ul#	89

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

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