

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046657.D
Acq On : 17 Jul 2024 06:31
Operator : MA/JU
Sample : P3100-07
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BW4

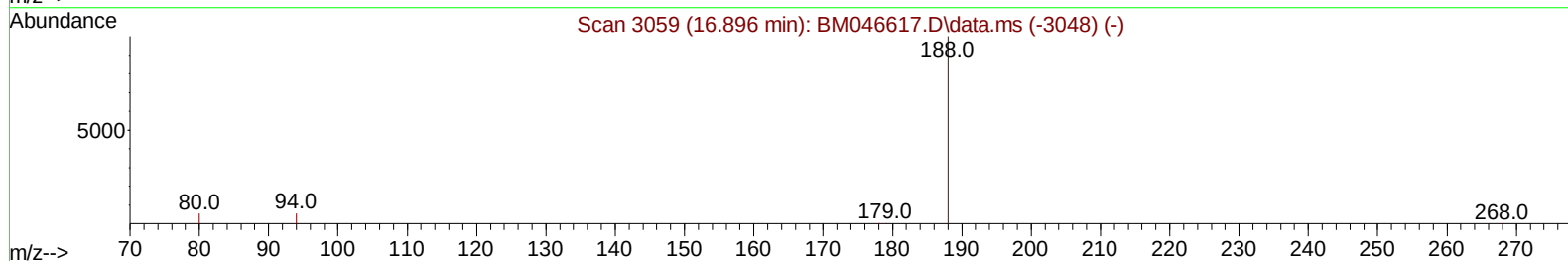
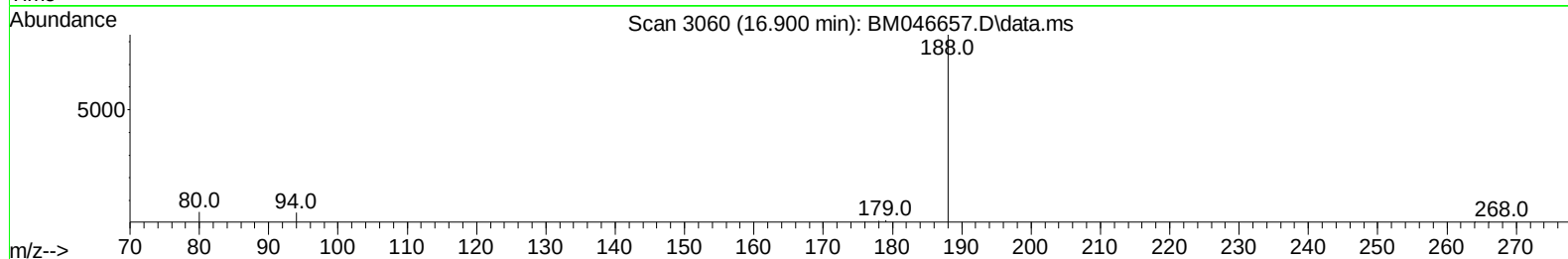
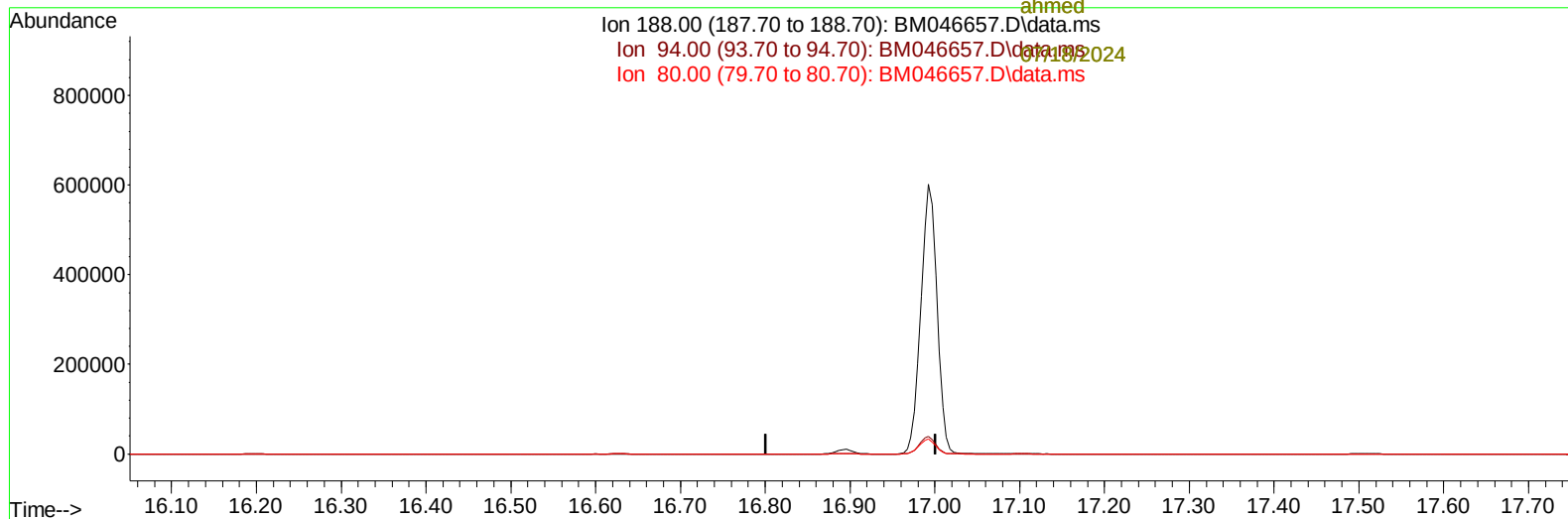
Manual IntegrationsAPPROVED

Quant Time: Jul 17 07:00:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

07/18/2024
Supervised By :mohammad
ahmed

Ion 188.00 (187.70 to 188.70): BM046657.D\data.ms
Ion 94.00 (93.70 to 94.70): BM046657.D\data.ms
Ion 80.00 (79.70 to 80.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-16.901) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.40	0.00#
80.00	6.60	0.00#
0.00	0.00	0.00

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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4BW4

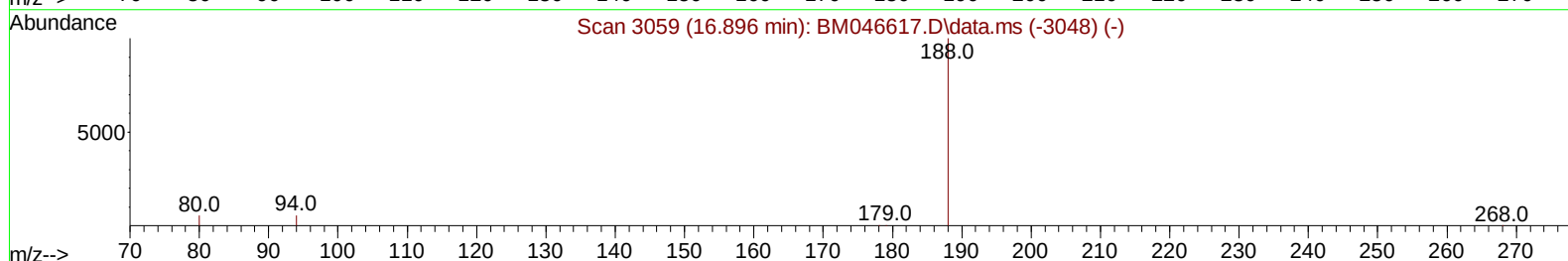
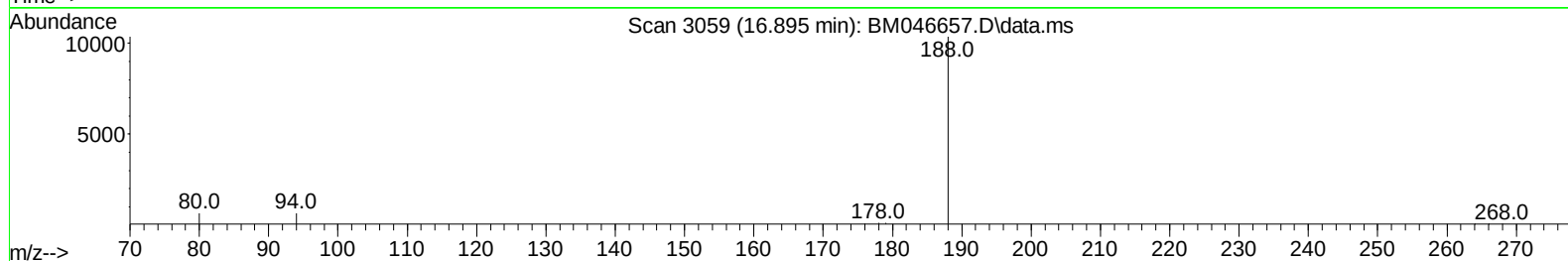
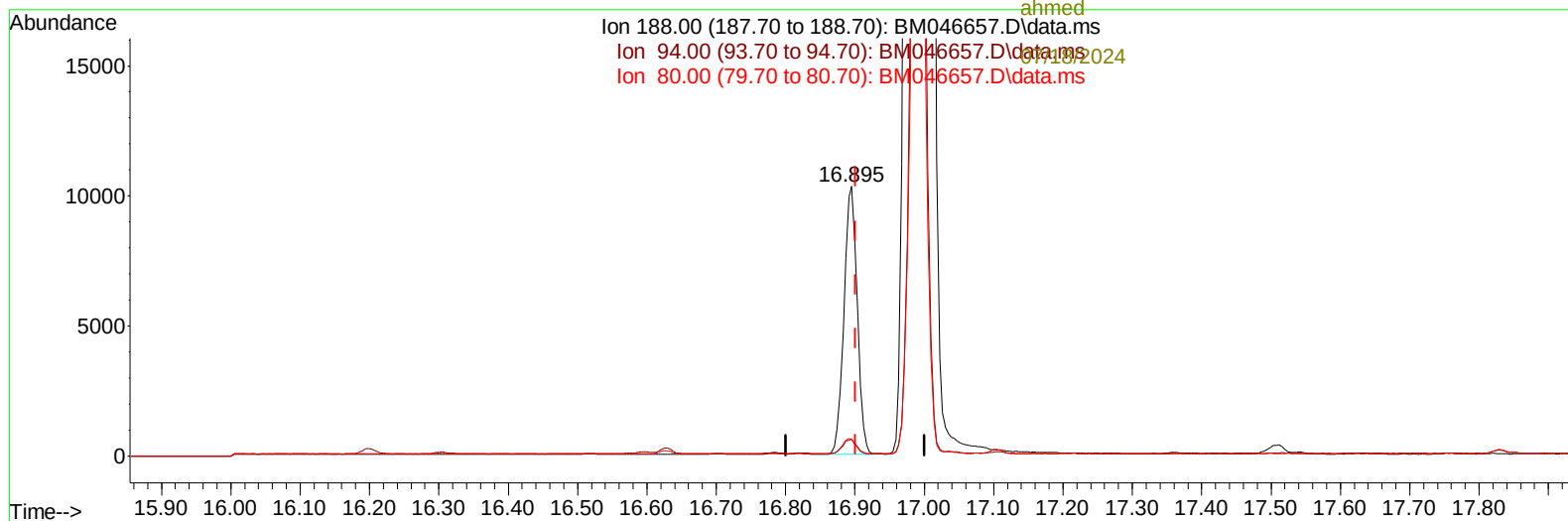
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Ion 188.00 (187.70 to 188.70): BM046657.D\data.ms
Ion 94.00 (93.70 to 94.70): BM046657.D\data.ms
Ion 80.00 (79.70 to 80.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.006) 0.40 ng/ul m

response 13718

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	6.24
80.00	6.60	6.08
0.00	0.00	0.00

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Sample : P3100-07
Misc :
ALS Vial : 70 Sample Multiplier: 1

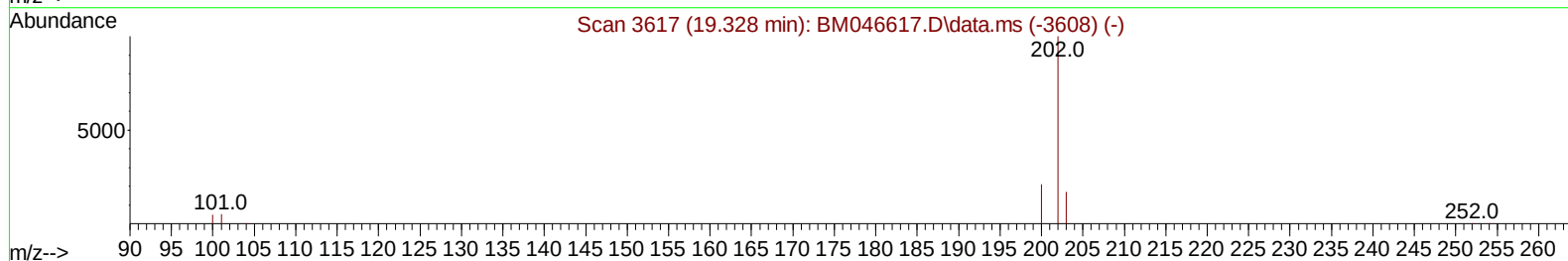
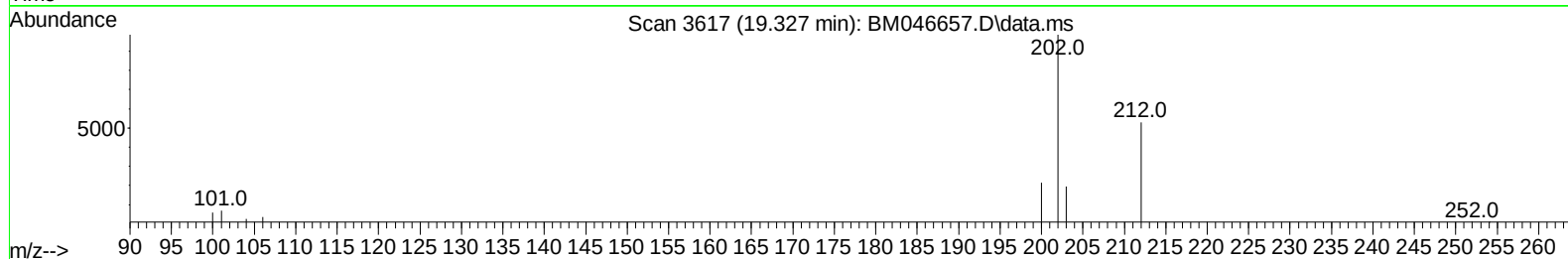
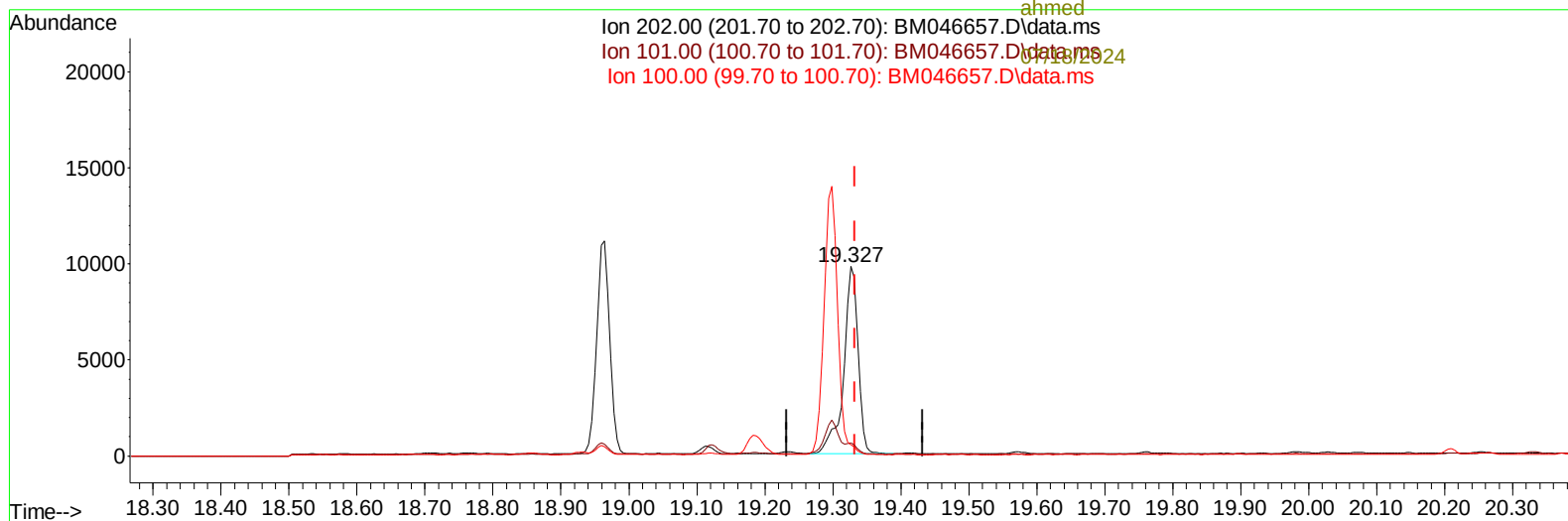
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TIC: BM046657.D\data.ms

(20) Pyrene

19.327min (-0.006) 0.27 ng/uL

response 14335

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.00
100.00	4.70	5.84#
0.00	0.00	0.00

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Misc :
ALS Vial : 70 Sample Multiplier: 1

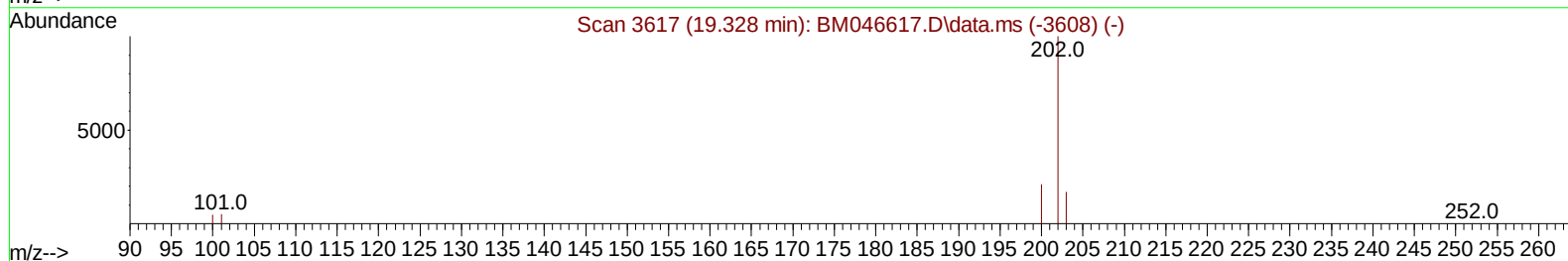
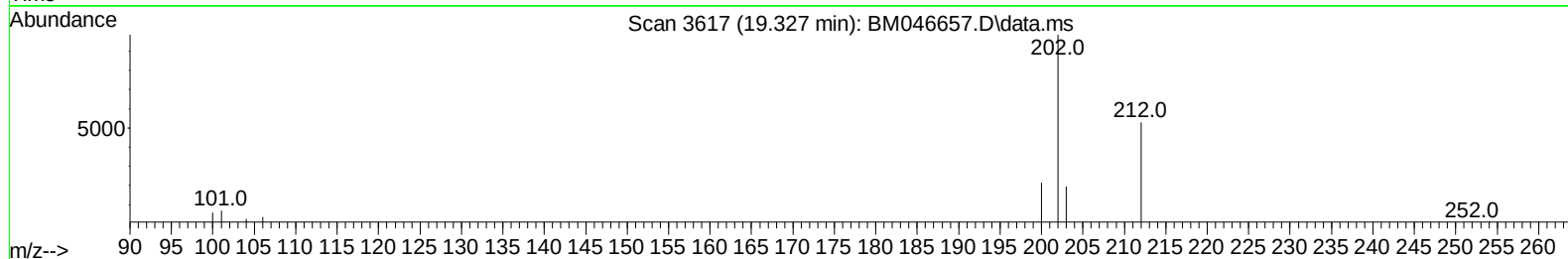
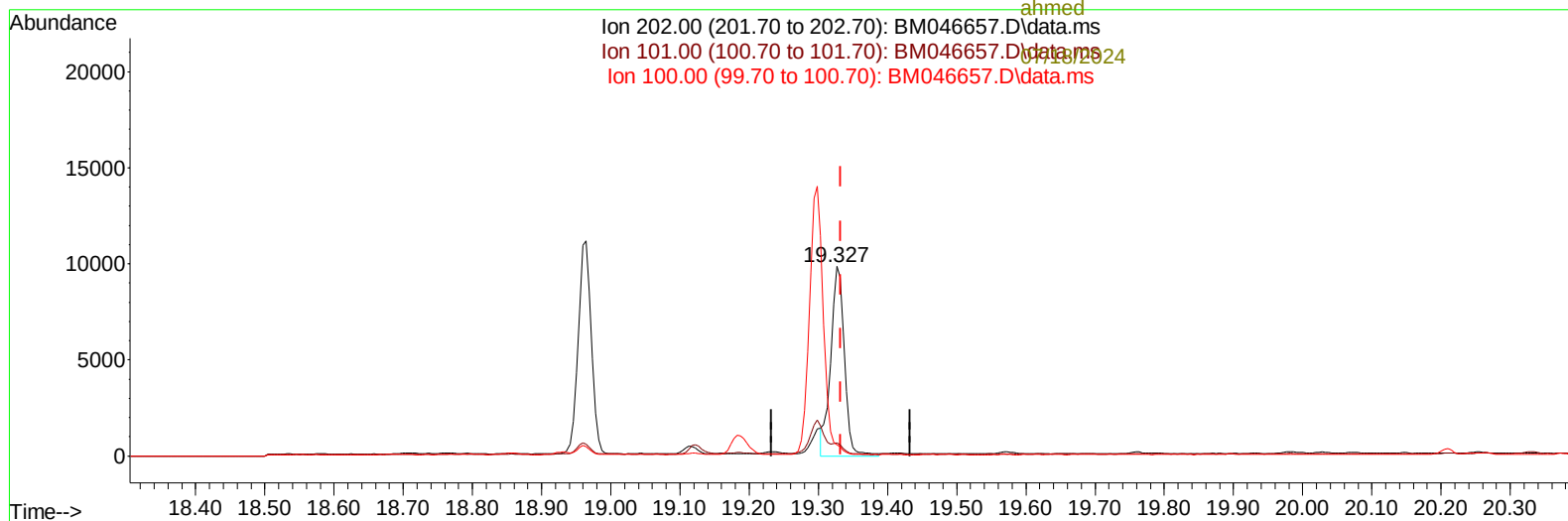
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TIC: BM046657.D\data.ms

(20) Pyrene

19.327min (-0.006) 0.26 ng/ul m

response 13619

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.00
100.00	4.70	5.84#
0.00	0.00	0.00

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Sample : P3100-07
Misc :
ALS Vial : 70 Sample Multiplier: 1

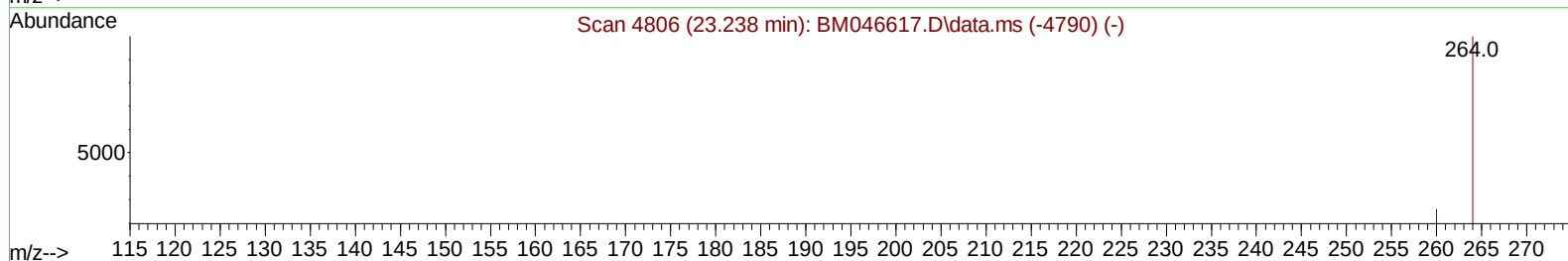
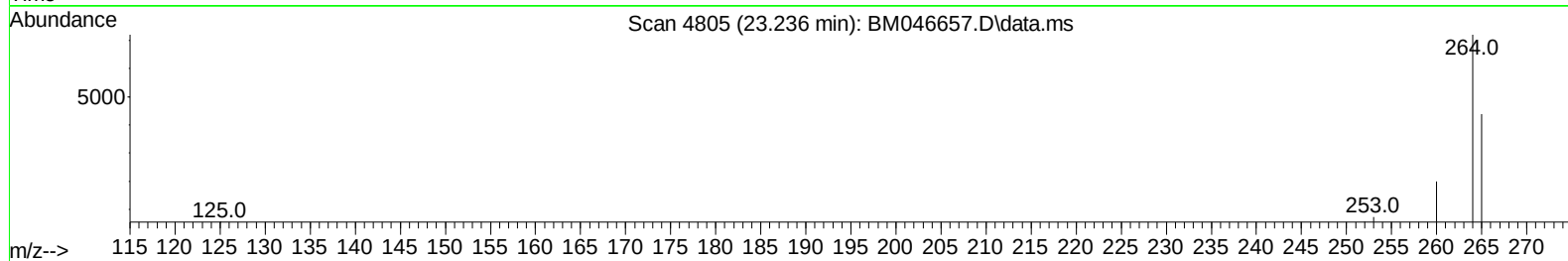
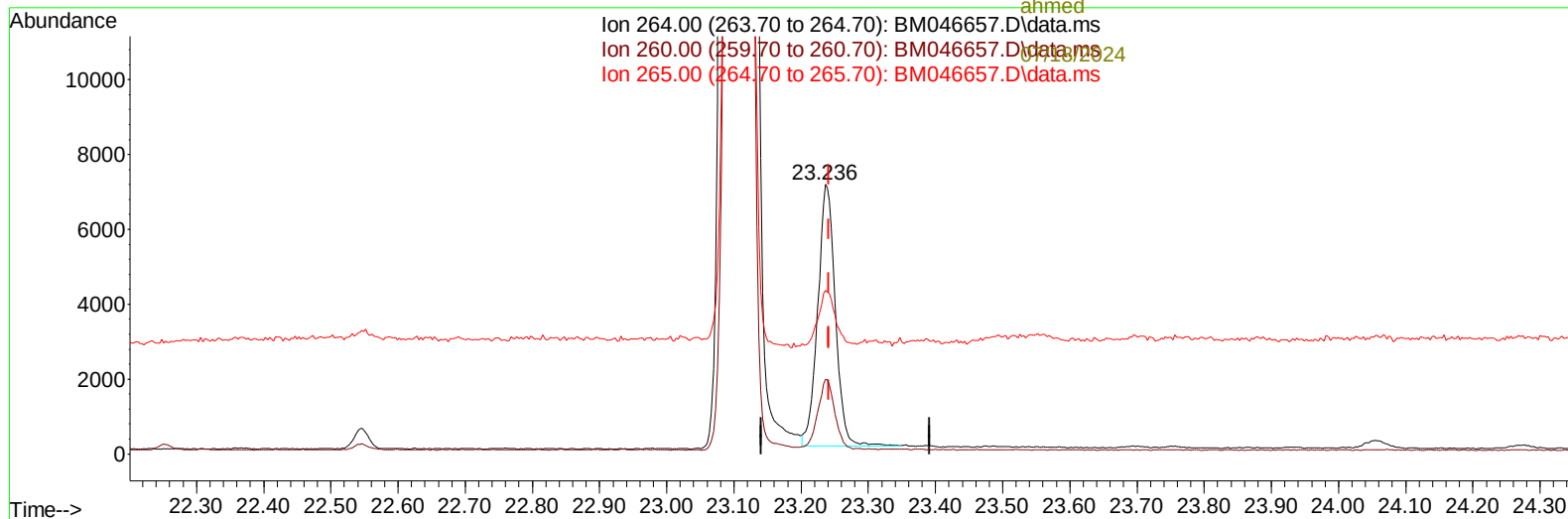
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ClientSampleId :
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TIC: BM046657.D\data.ms

(23) Perylene-d12 (I)

23.236min (-0.005) 0.40 ng/u1

response 12721

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.63
265.00	88.90	60.81#
0.00	0.00	0.00

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Misc :
ALS Vial : 70 Sample Multiplier: 1

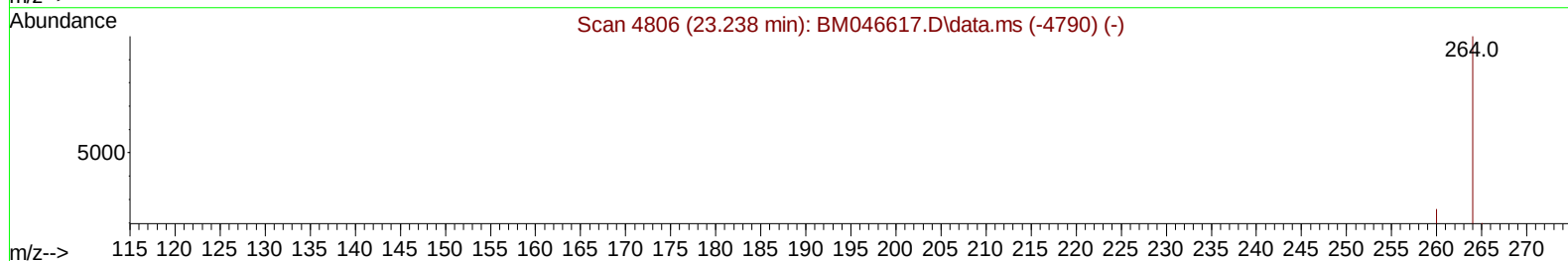
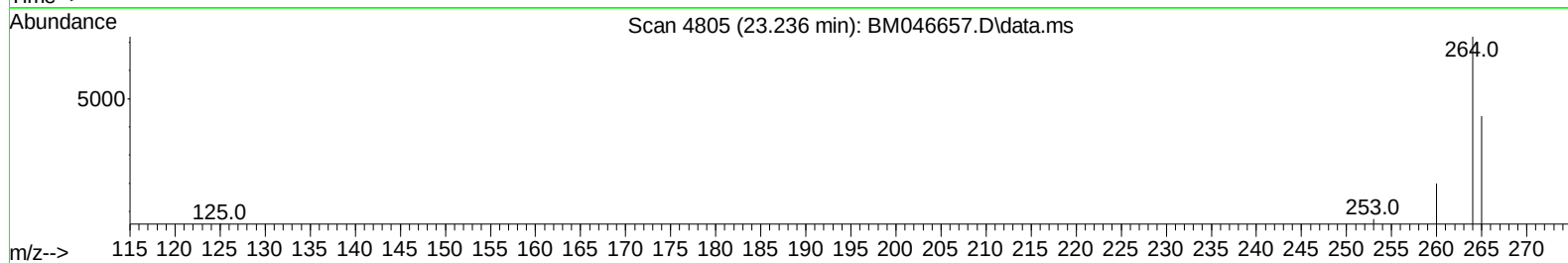
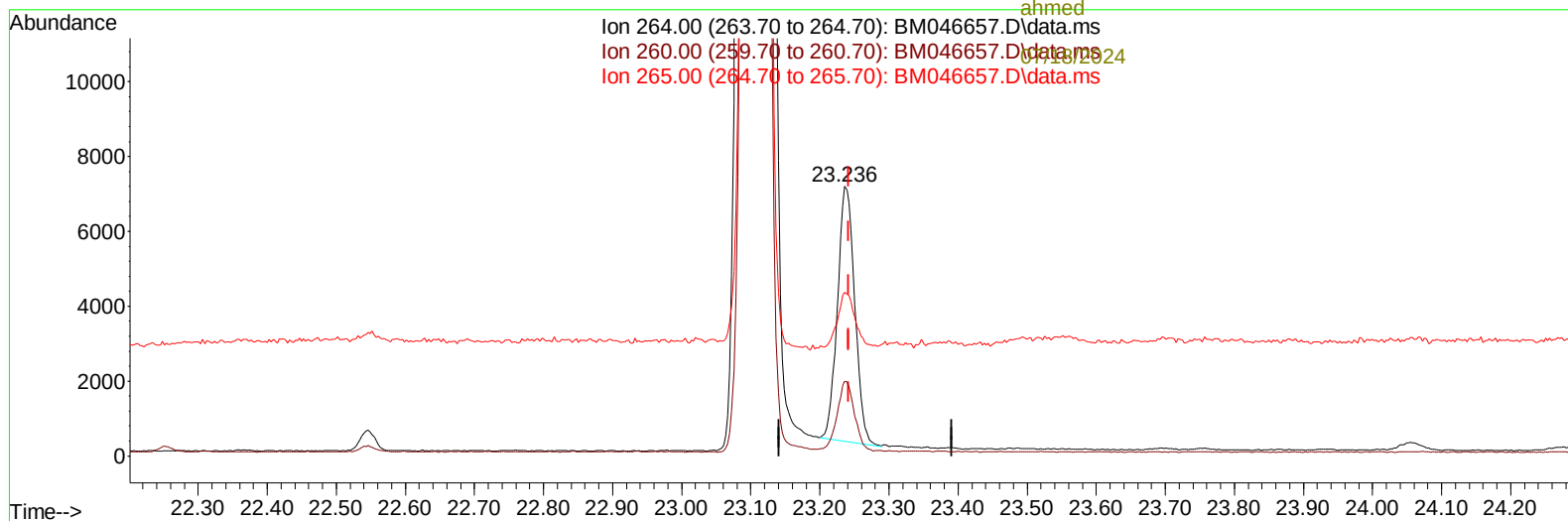
Instrument :
BNA_M
ClientSampleId :
A4BW4

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TIC: BM046657.D\data.ms

(23) Perylene-d12 (I)

23.236min (-0.005) 0.40 ng/ul m

response 11795

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.63
265.00	88.90	60.81#
0.00	0.00	0.00

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Sample : P3100-07
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BW4

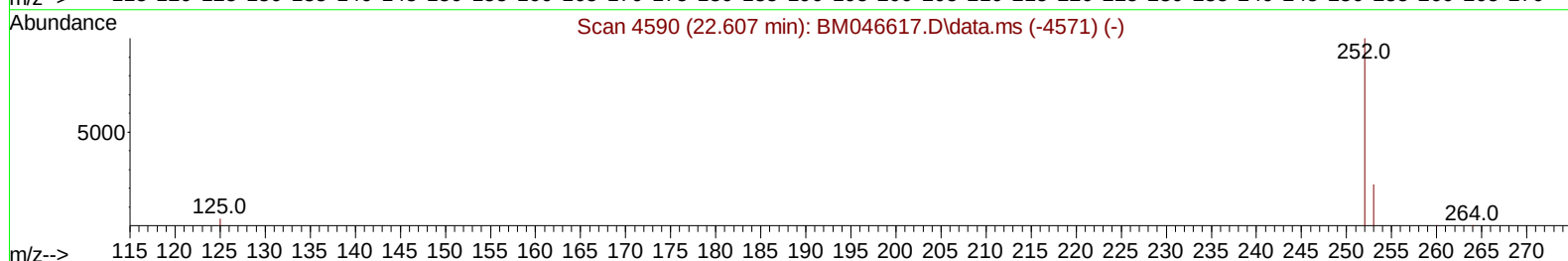
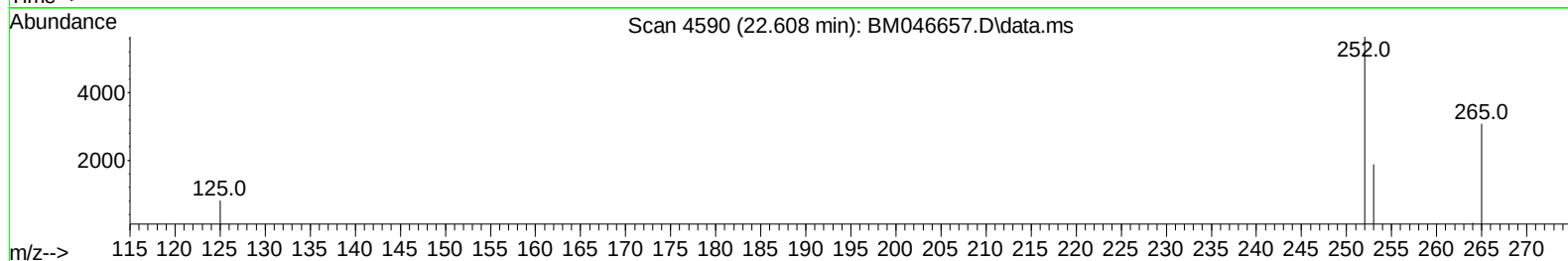
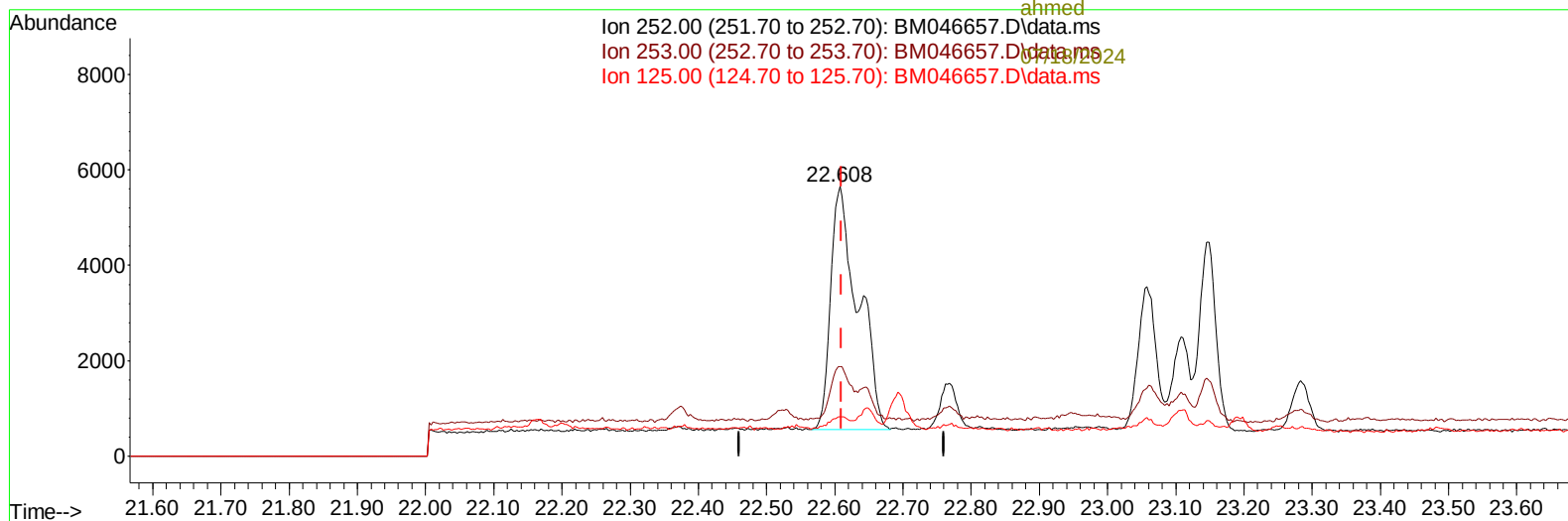
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Ion 252.00 (251.70 to 252.70): BM046657.D\data.ms
Ion 253.00 (252.70 to 253.70): BM046657.D\data.ms
Ion 125.00 (124.70 to 125.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(24) Benzo(b)fluoranthene

22.608min (-0.002) 0.30 ng/u1

response 14271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	33.13
125.00	8.90	14.43
0.00	0.00	0.00

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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BW4

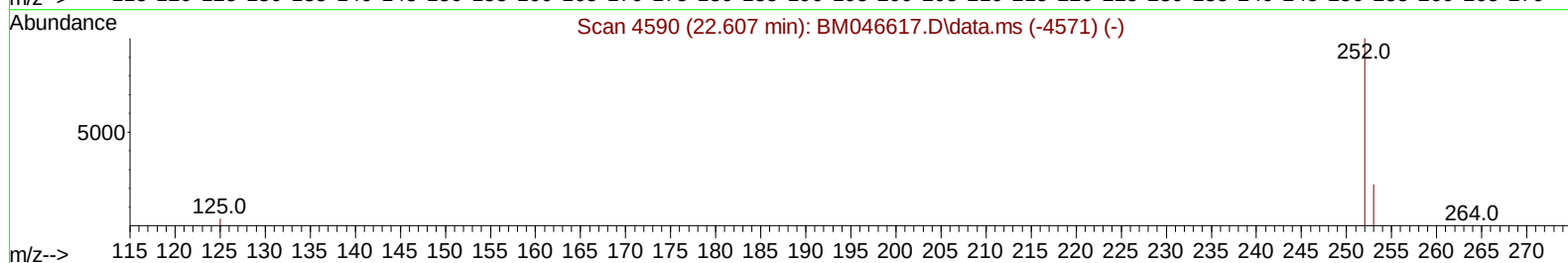
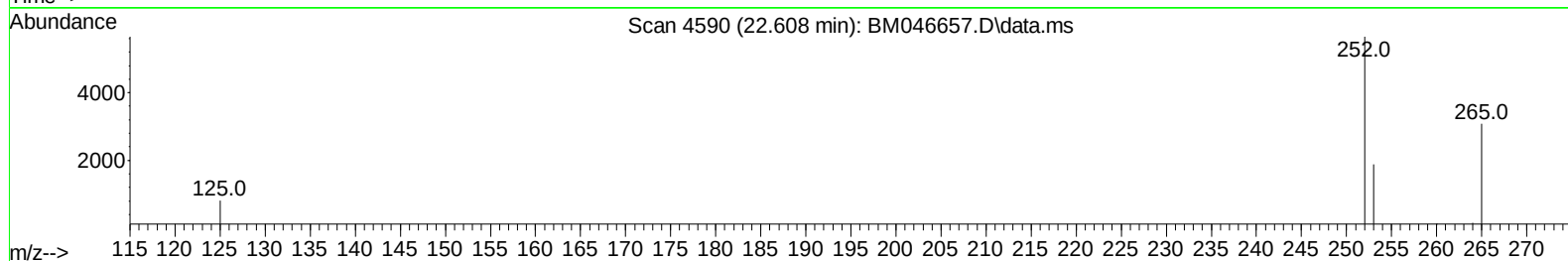
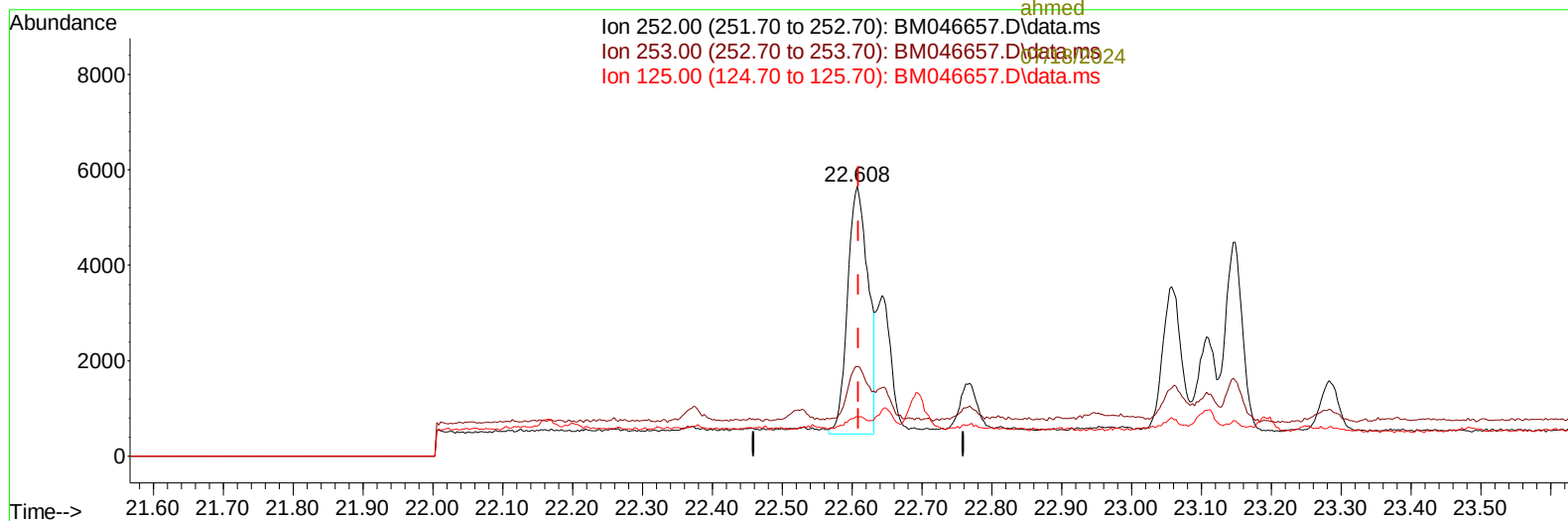
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ahmed

Ion 252.00 (251.70 to 252.70): BM046657.D\data.ms
Ion 253.00 (252.70 to 253.70): BM046657.D\data.ms
Ion 125.00 (124.70 to 125.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(24) Benzo(b)fluoranthene

22.608min (-0.002) 0.22 ng/ul m

response 10544

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	33.13
125.00	8.90	14.43
0.00	0.00	0.00

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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BW4

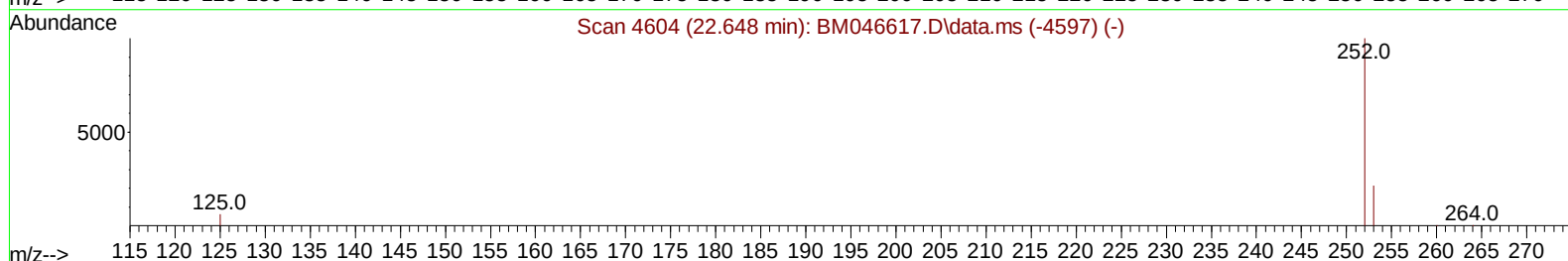
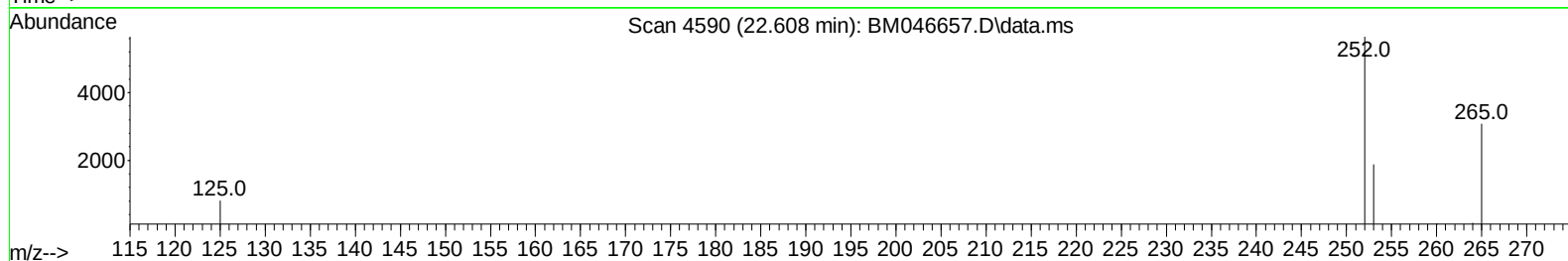
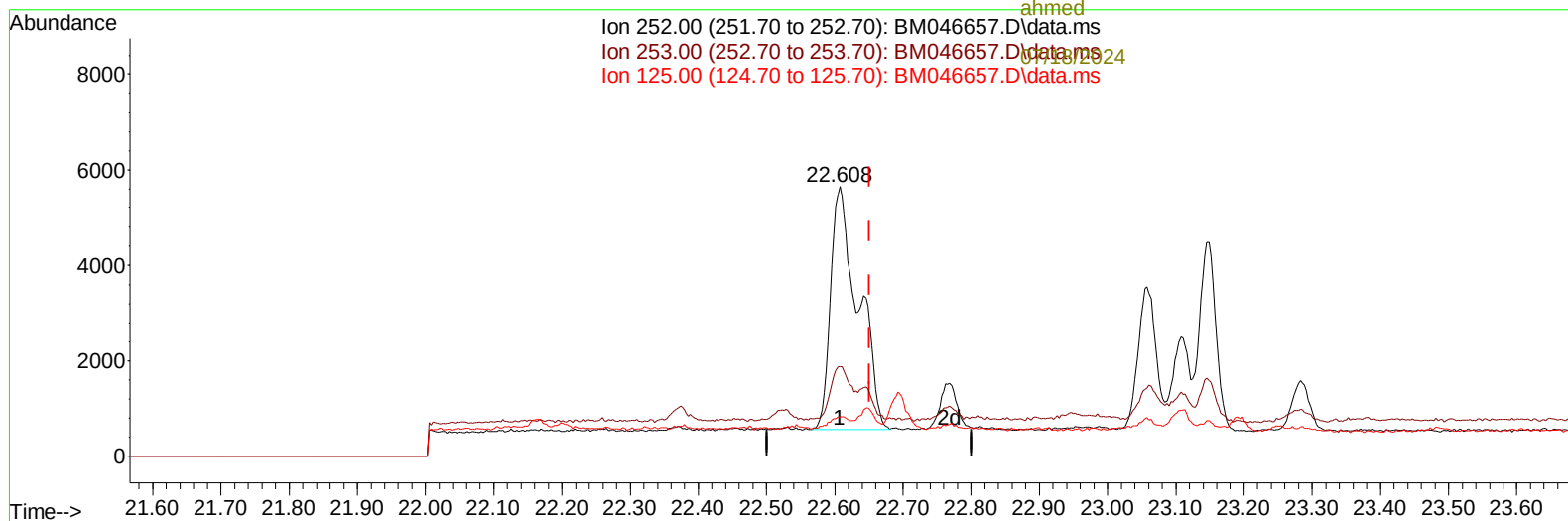
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ahmed

Ion 252.00 (251.70 to 252.70): BM046657.D\data.ms
Ion 253.00 (252.70 to 253.70): BM046657.D\data.ms
Ion 125.00 (124.70 to 125.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(25) Benzo(k)fluoranthene

22.608min (-0.043) 0.31 ng/u1

response 14271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	33.13
125.00	8.70	14.43#
0.00	0.00	0.00

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ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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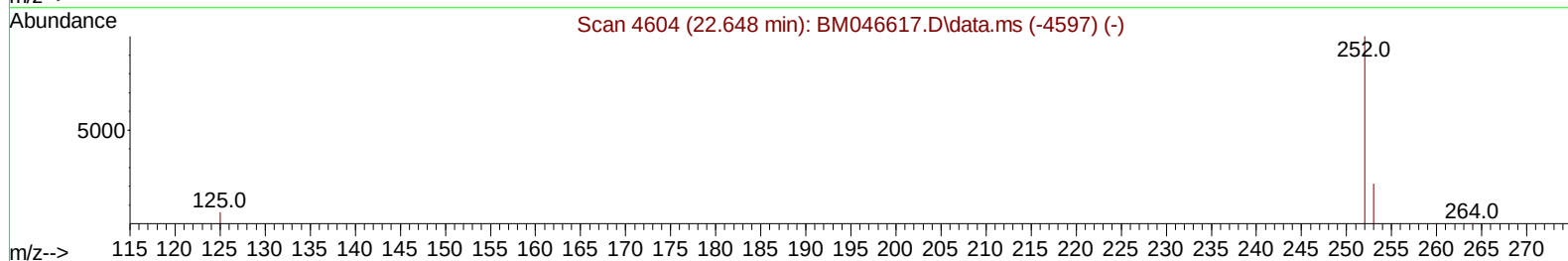
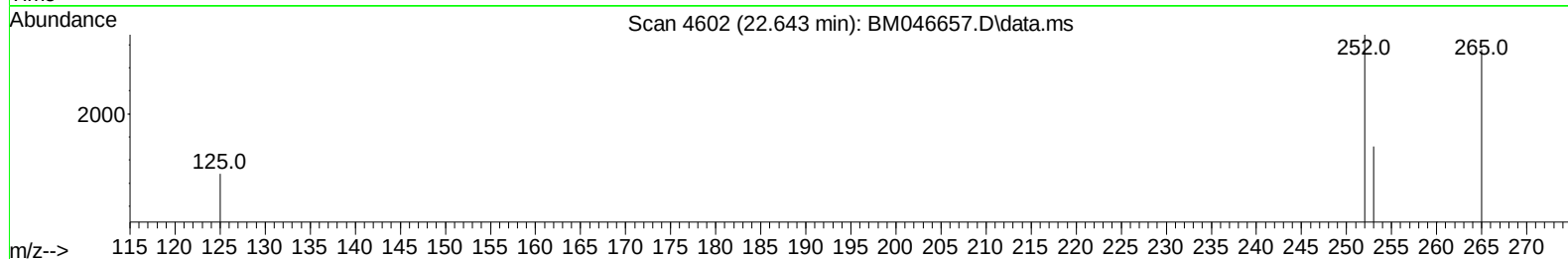
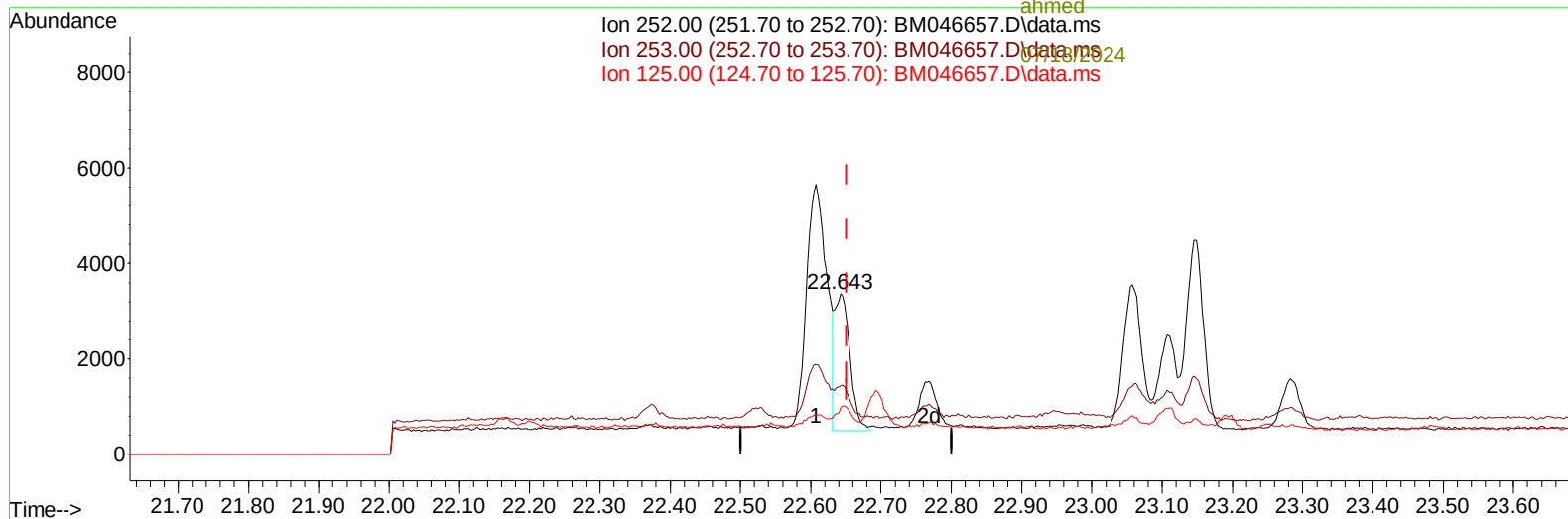
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ahmed

Ion 252.00 (251.70 to 252.70): BM046657.D\data.ms
Ion 253.00 (252.70 to 253.70): BM046657.D\data.ms
Ion 125.00 (124.70 to 125.70): BM046657.D\data.ms



TIC: BM046657.D\data.ms

(25) Benzo(k)fluoranthene

22.643min (-0.008) 0.09 ng/ul m

response 4271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	42.51#
125.00	8.70	28.54#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----07/18/2024							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.498	152		3057	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.254	136		8617	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164		5930	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188		13718m	0.400	ng/ul	0.00
17) Chrysene-d12	21.100	240		11772	0.400	ng/ul	# 0.00
23) Perylene-d12	23.236	264		11795m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.114	96		8645	3.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152		3581	0.258	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212		9086	0.254	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.303	128		547	0.025	ng/ul#	69
10) Acenaphthylene	13.858	152		1143	0.042	ng/ul#	83
15) Phenanthrene	16.933	178		7053	0.180	ng/ul	99
16) Anthracene	17.026	178		1809	0.047	ng/ul#	90
19) Fluoranthene	18.964	202		14726	0.305	ng/ul	99
20) Pyrene	19.327	202		13619m	0.260	ng/ul	
21) Benzo(a)anthracene	21.085	228		7278	0.140	ng/ul	92
22) Chrysene	21.135	228		7601	0.151	ng/ul	95
24) Benzo(b)fluoranthene	22.608	252		10544m	0.224	ng/ul	
25) Benzo(k)fluoranthene	22.643	252		4271m	0.092	ng/ul	
26) Benzo(a)pyrene	23.145	252		6621	0.171	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.350	276		5728	0.097	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.367	278		1449	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	25.994	276		5604	0.119	ng/ul#	89

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

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