

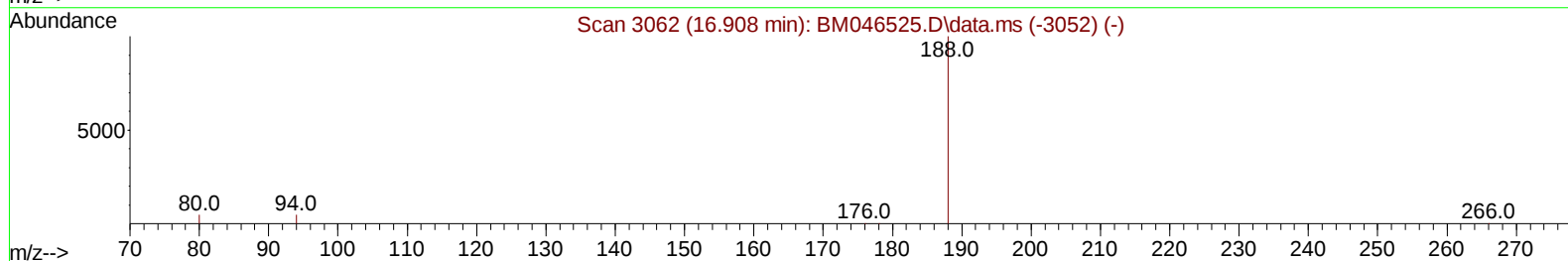
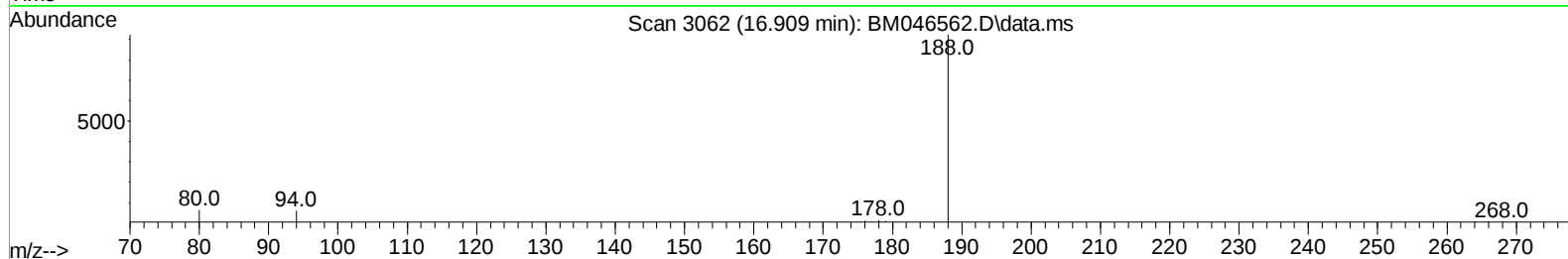
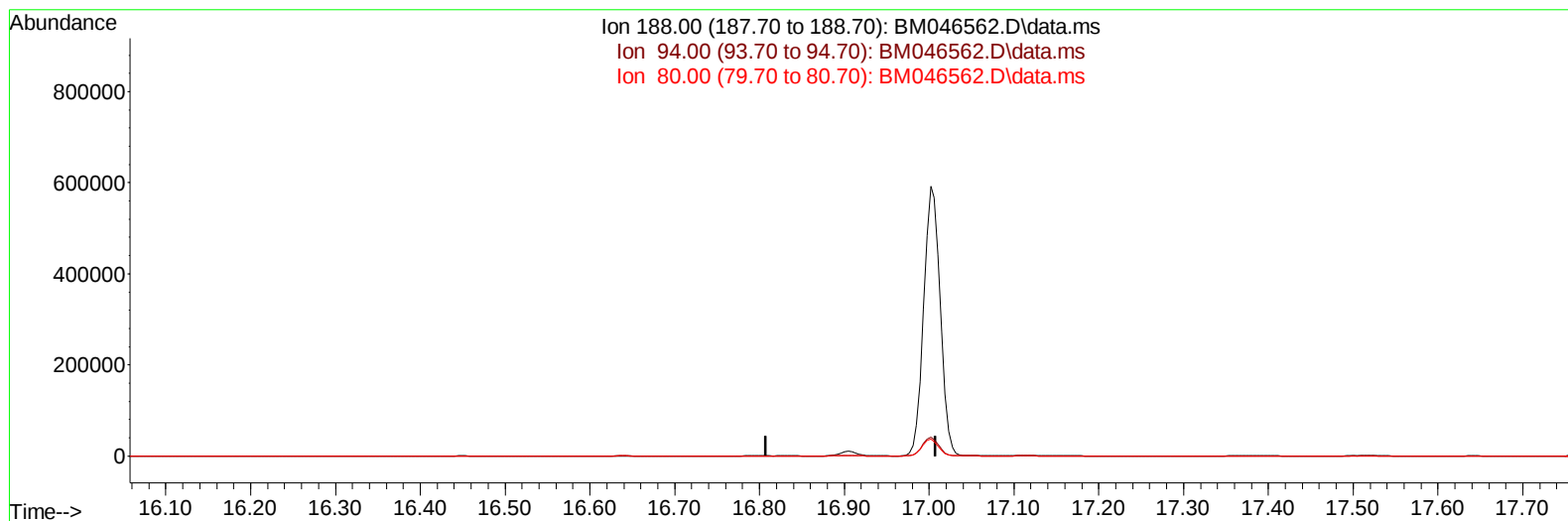
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046562.D
Acq On : 13 Jul 2024 01:40
Operator : MA/JU
Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

Quant Time: Jul 13 02:13:38 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 : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046562.D\data.ms

(13) Phenanthrene-d10 (I)

16.908min (-16.908) 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

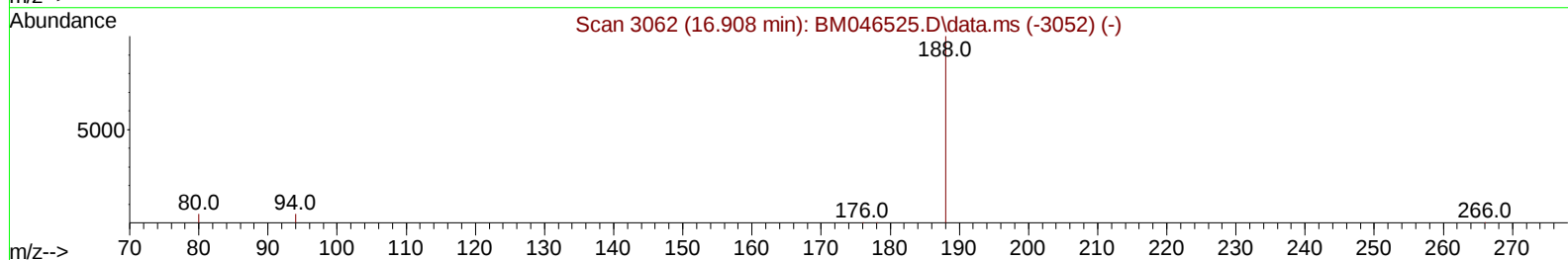
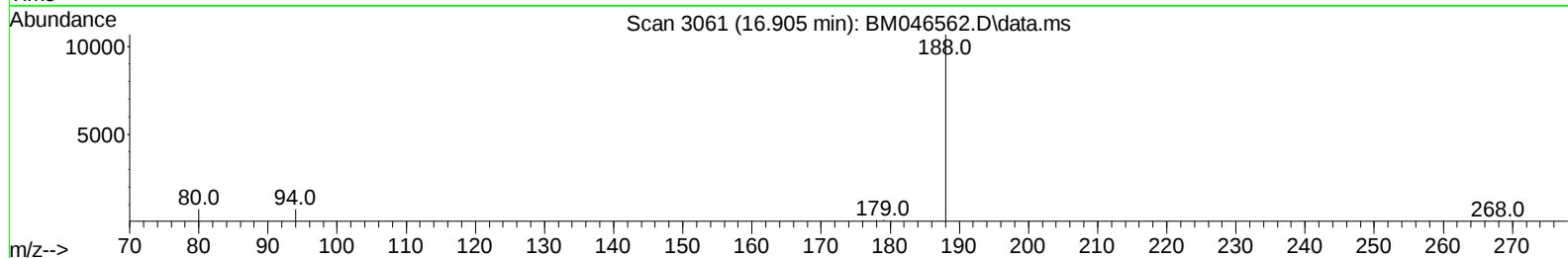
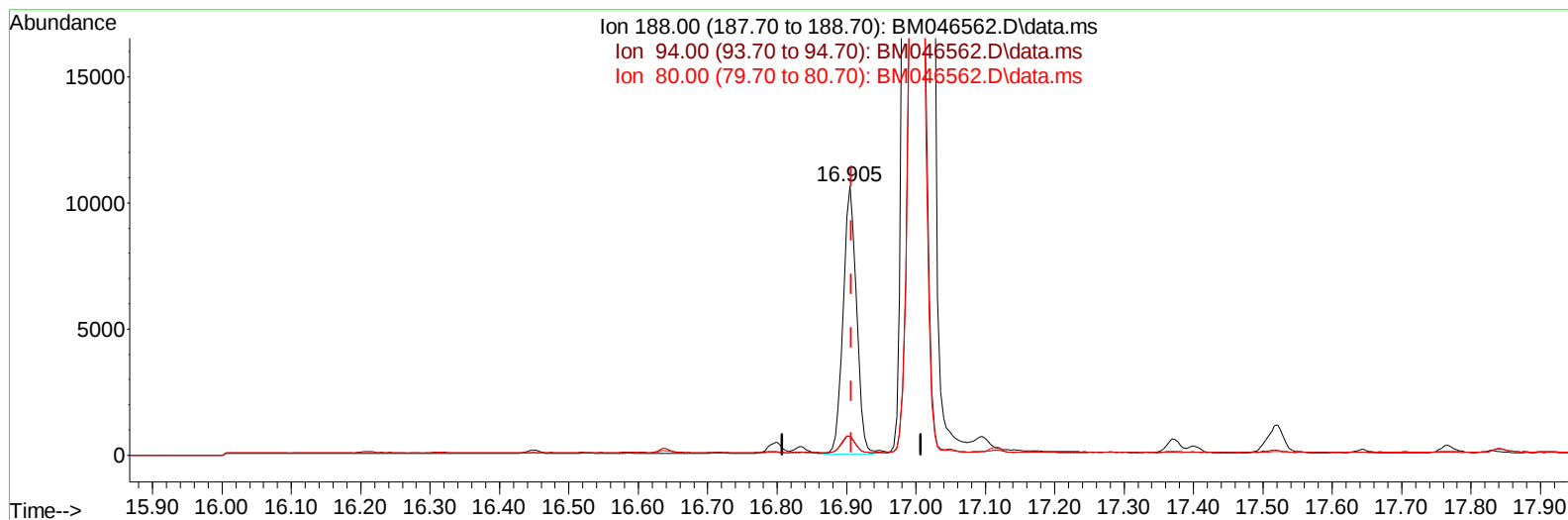
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Supervised By :mohammad ahmed 07/16/2024



TIC: BM046562.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (-0.003) 0.40 ng/ul m

response 14292

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	7.01
80.00	6.60	7.04
0.00	0.00	0.00

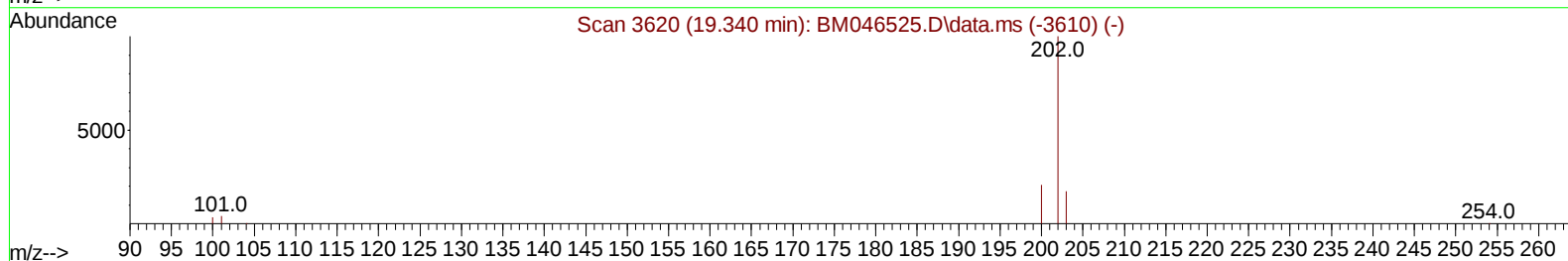
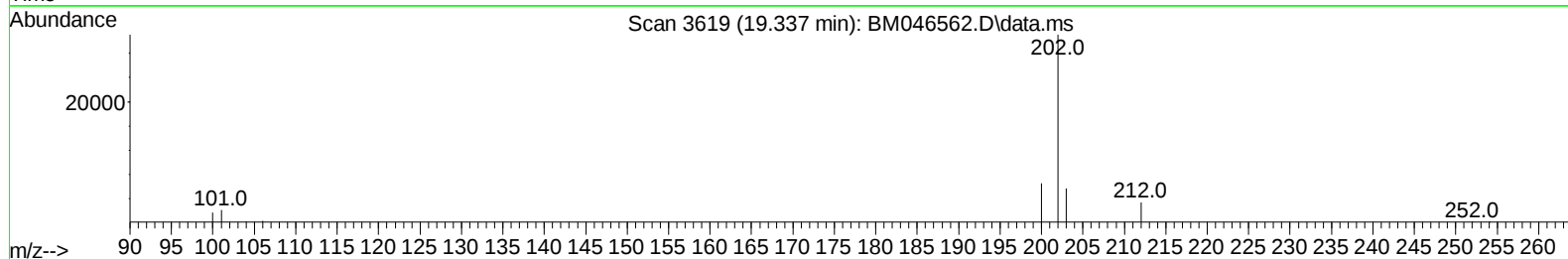
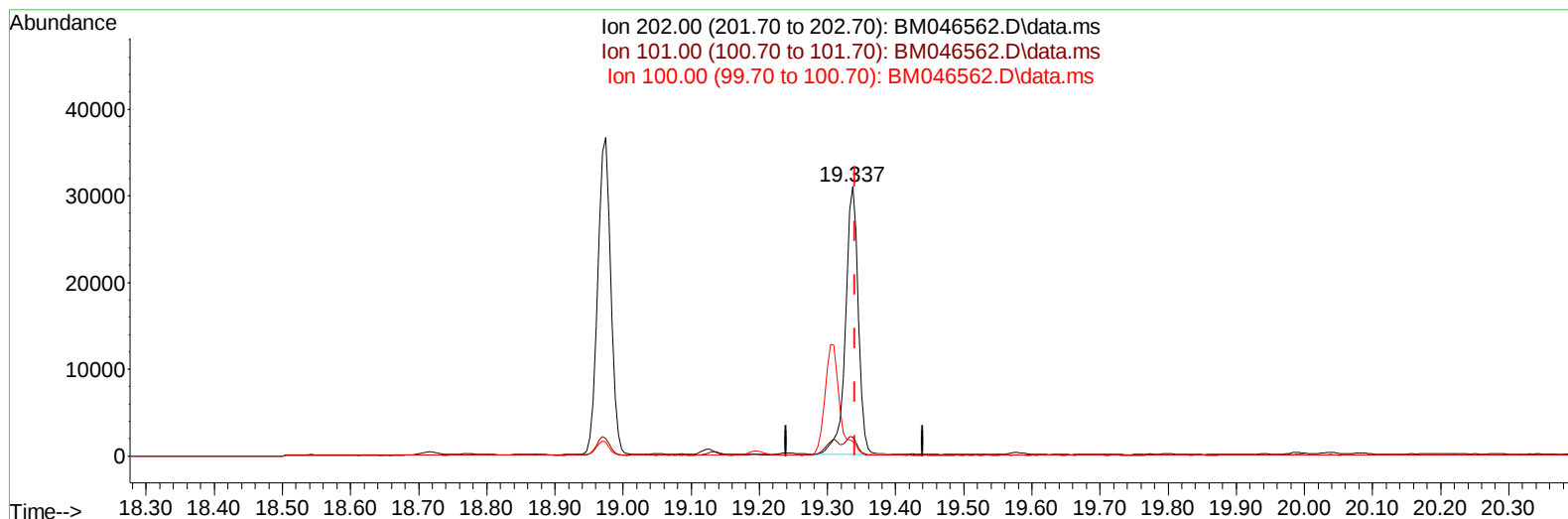
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046562.D\data.ms

(20) Pyrene

19.337min (-0.003) 0.85 ng/u1

response 41269

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	6.87
100.00	4.70	5.36
0.00	0.00	0.00

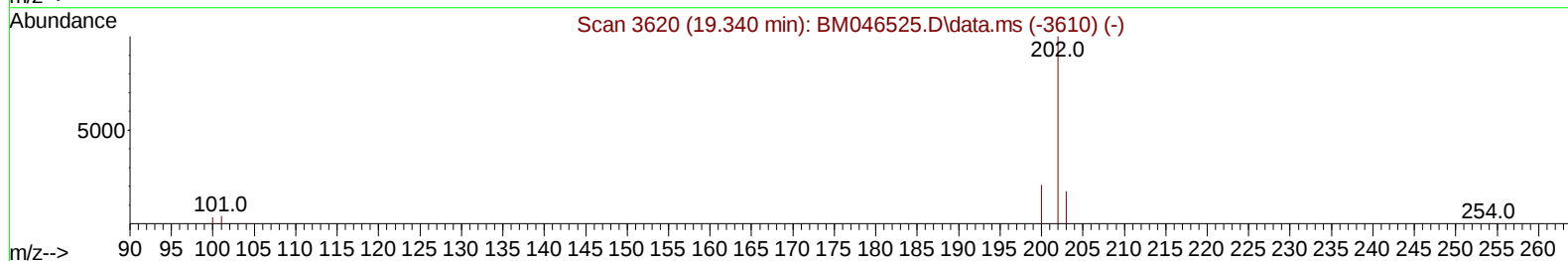
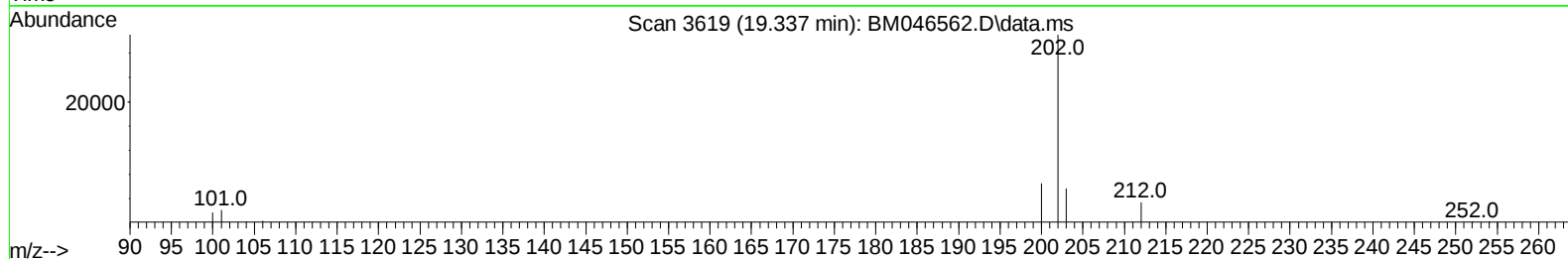
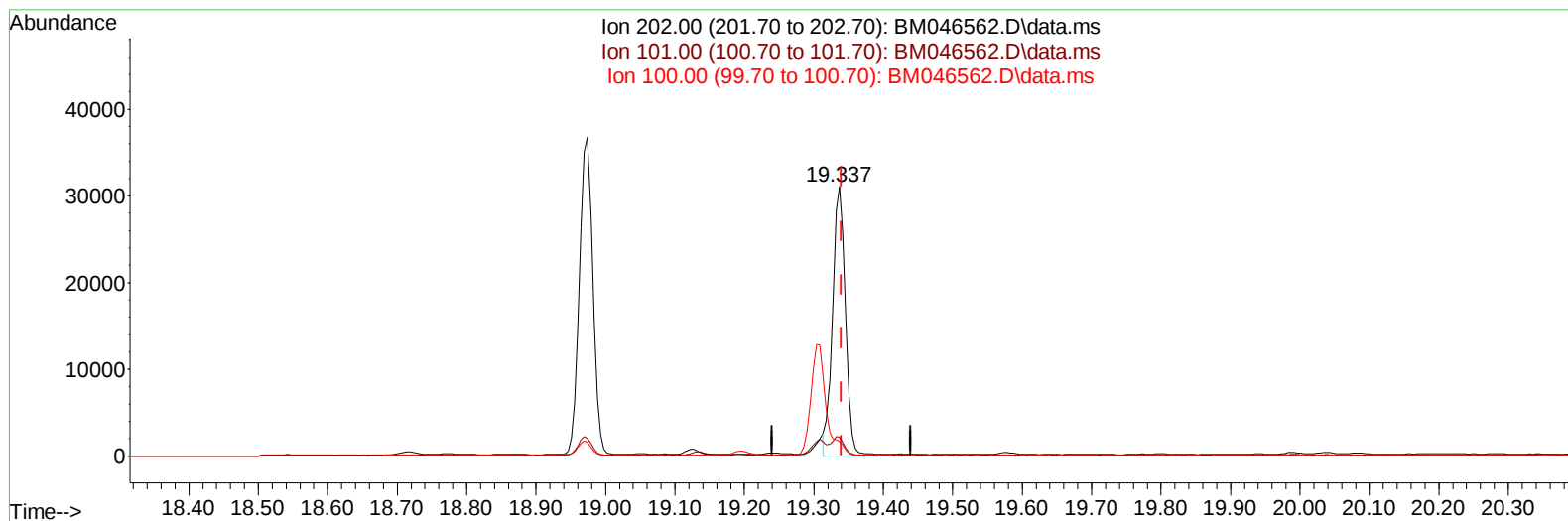
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046562.D
Acq On : 13 Jul 2024 01:40
Operator : MA/JU
Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

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TIC: BM046562.D\data.ms

(20) Pyrene

19.337min (-0.003) 0.82 ng/ul m

response 40252

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	6.87
100.00	4.70	5.36
0.00	0.00	0.00

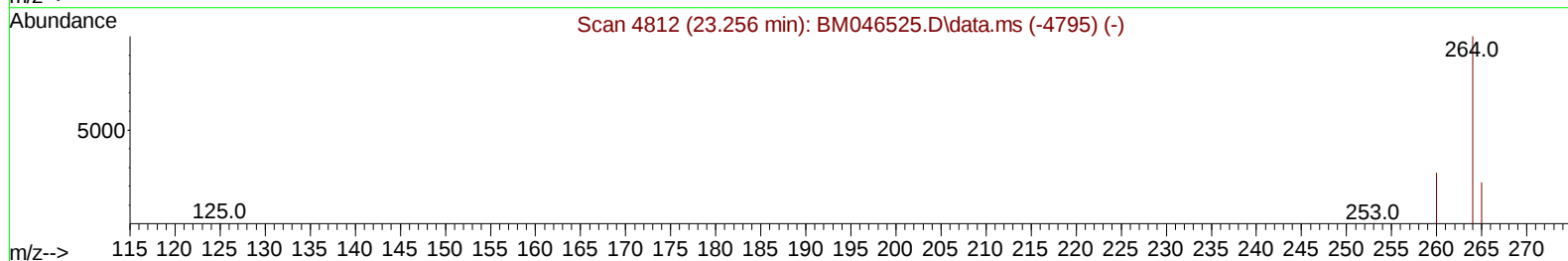
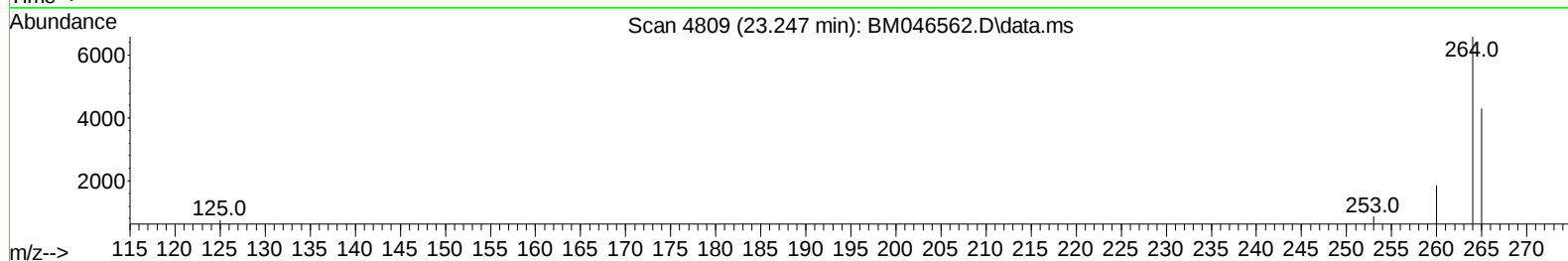
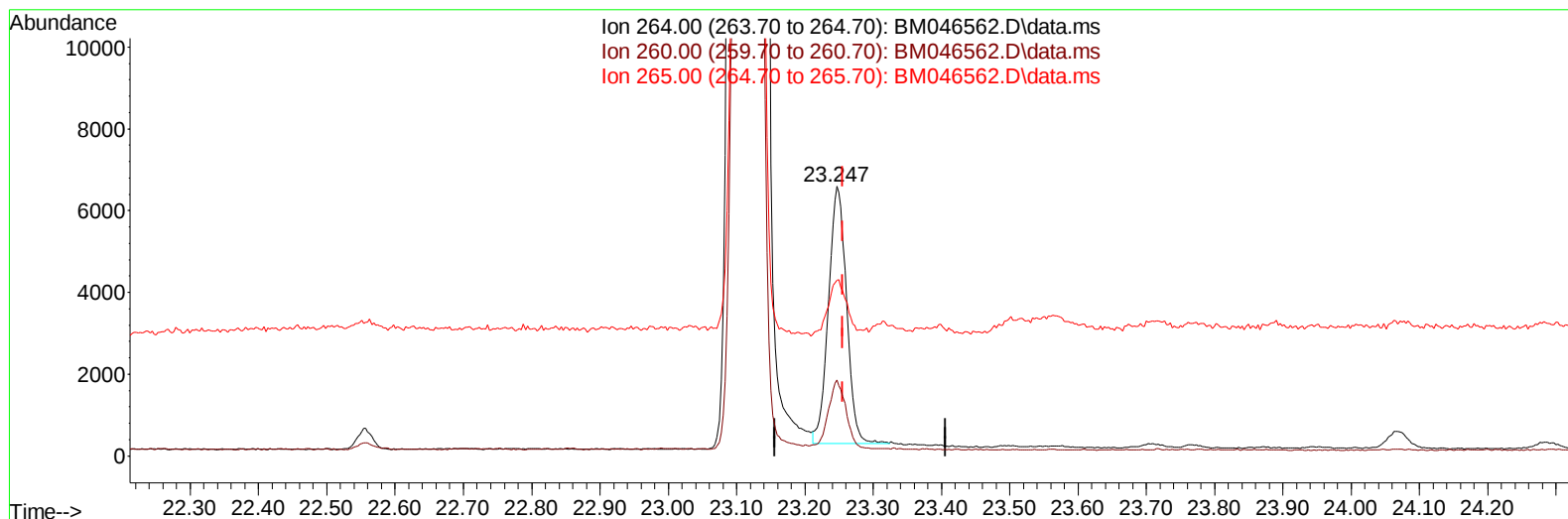
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Data File : BM046562.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
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A4BP1

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TIC: BM046562.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/u1

response 11520

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.29
265.00	88.90	65.25#
0.00	0.00	0.00

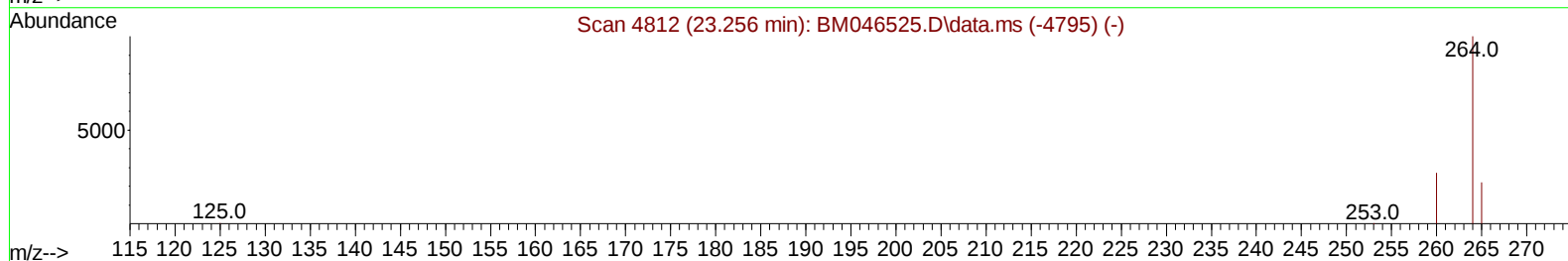
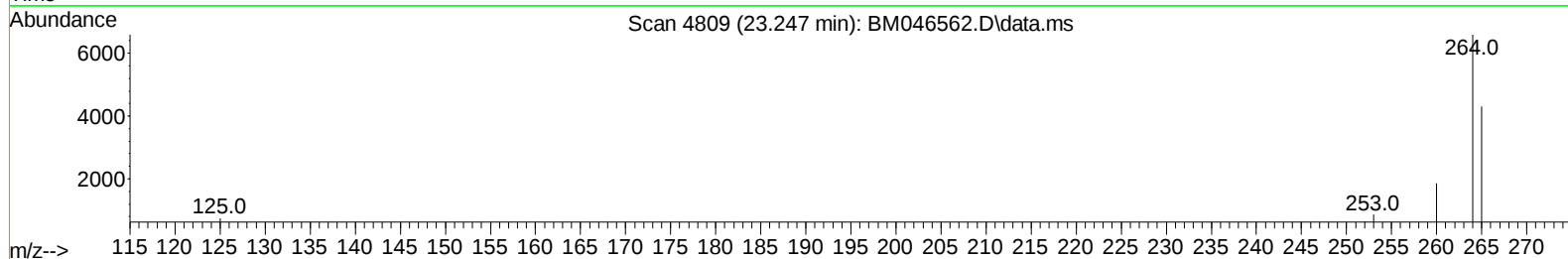
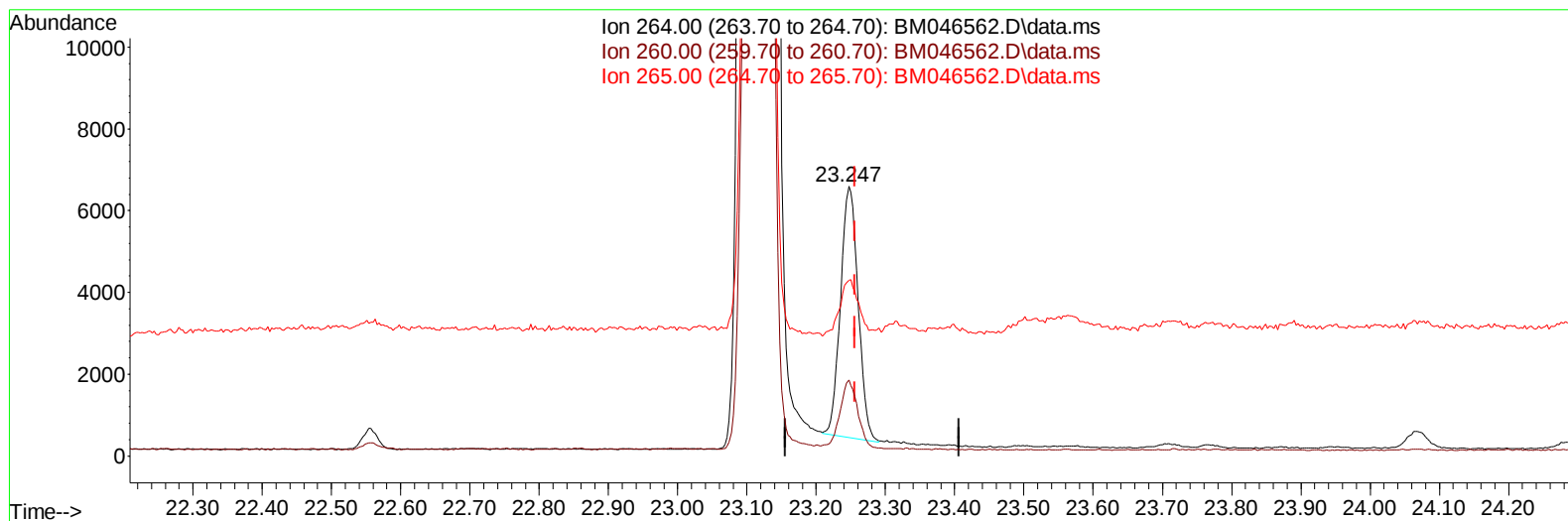
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046562.D
Acq On : 13 Jul 2024 01:40
Operator : MA/JU
Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

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TIC: BM046562.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/ul m

response 10850

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.29
265.00	88.90	65.25#
0.00	0.00	0.00

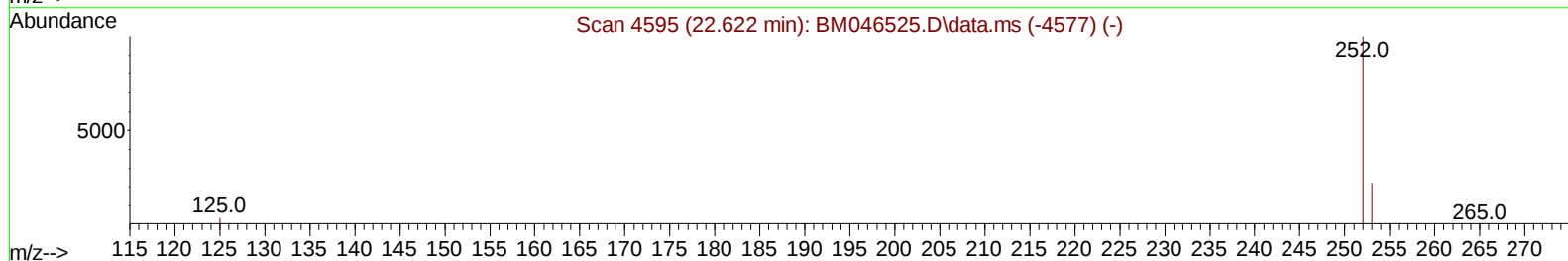
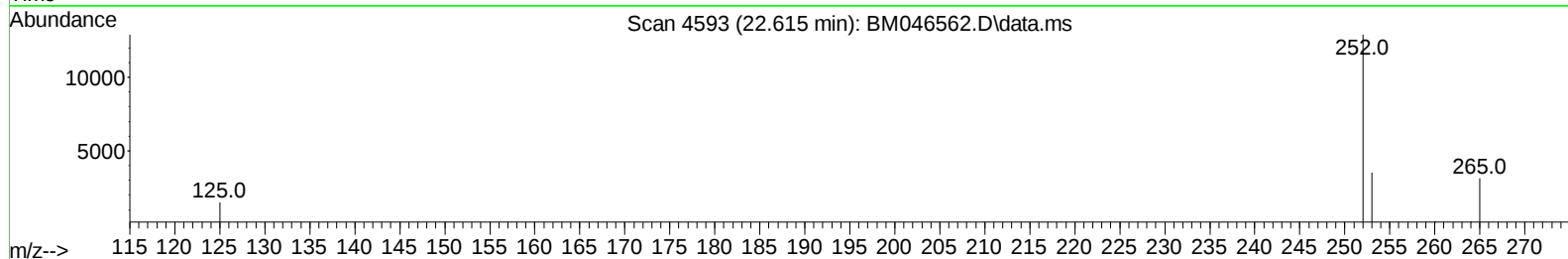
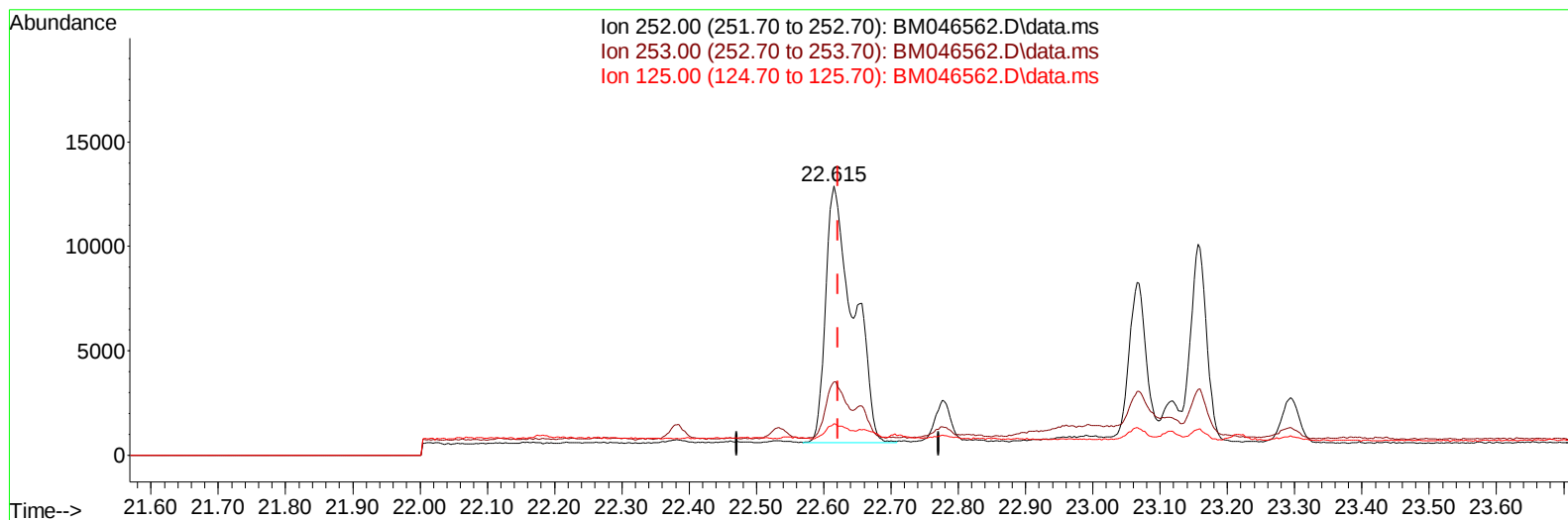
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Operator : MA/JU
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TIC: BM046562.D\data.ms

(24) Benzo(b)fluoranthene

22.615min (-0.006) 0.81 ng/u1

response 34919

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	27.27
125.00	8.90	11.63
0.00	0.00	0.00

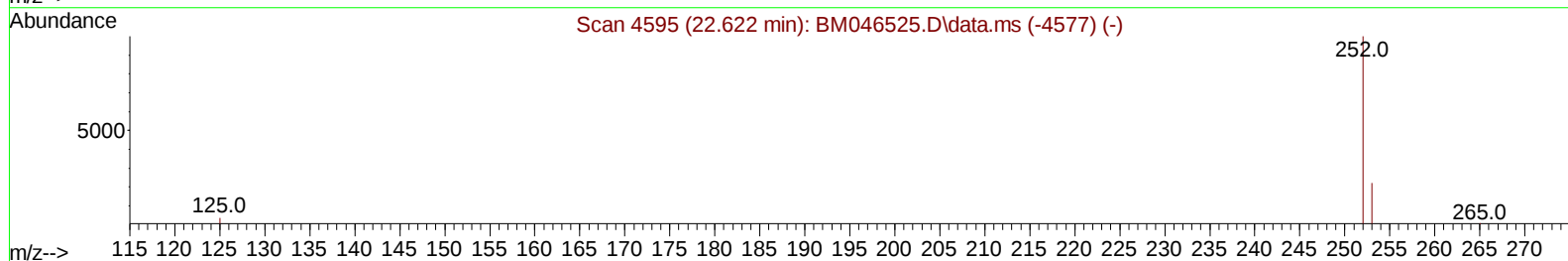
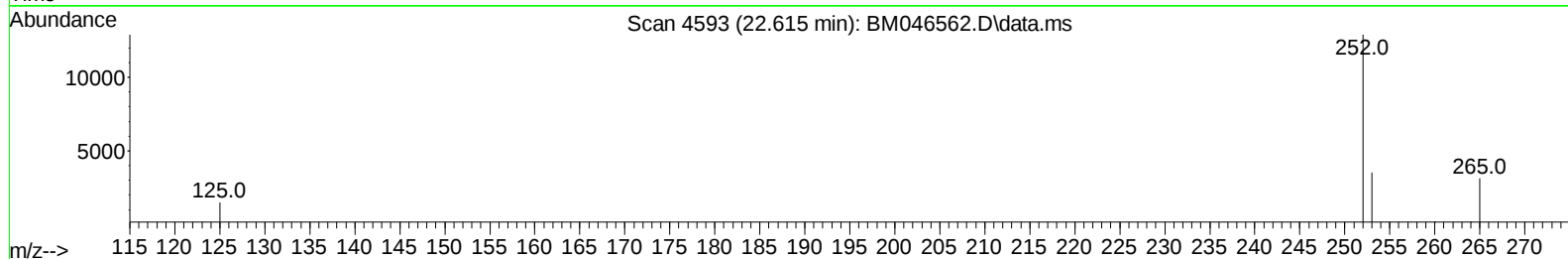
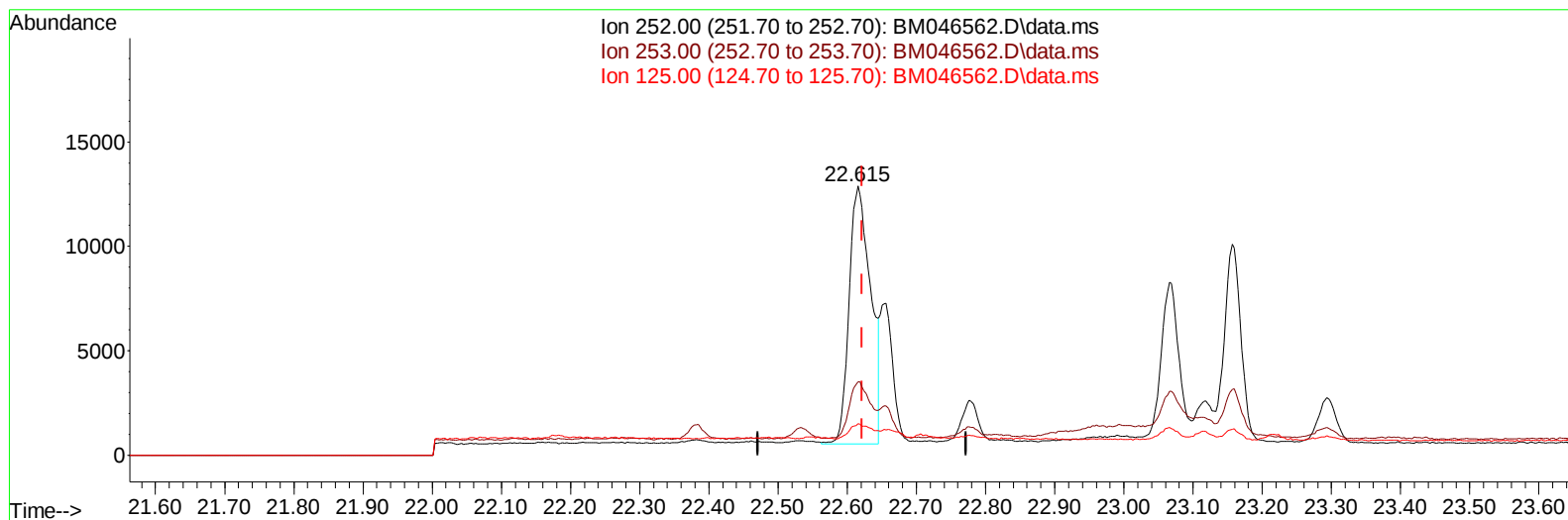
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046562.D
Acq On : 13 Jul 2024 01:40
Operator : MA/JU
Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/16/2024



TIC: BM046562.D\data.ms

(24) Benzo(b)fluoranthene

22.615min (-0.006) 0.62 ng/u1 m

response 26703

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	27.27
125.00	8.90	11.63
0.00	0.00	0.00

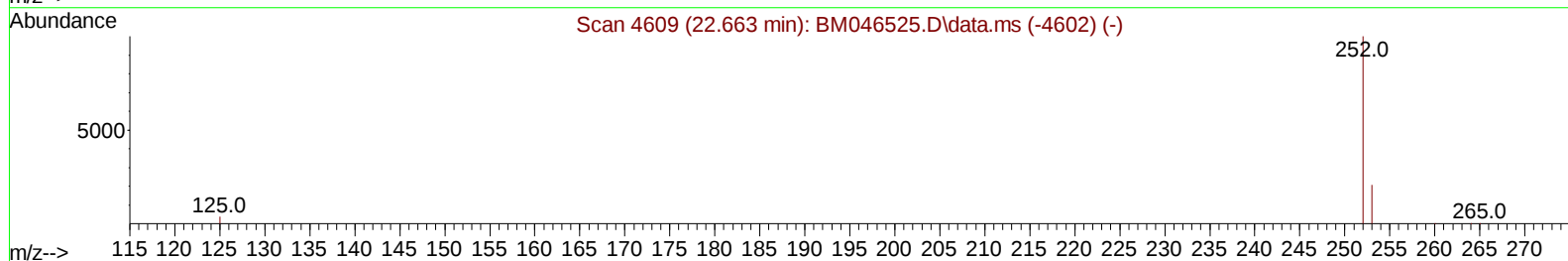
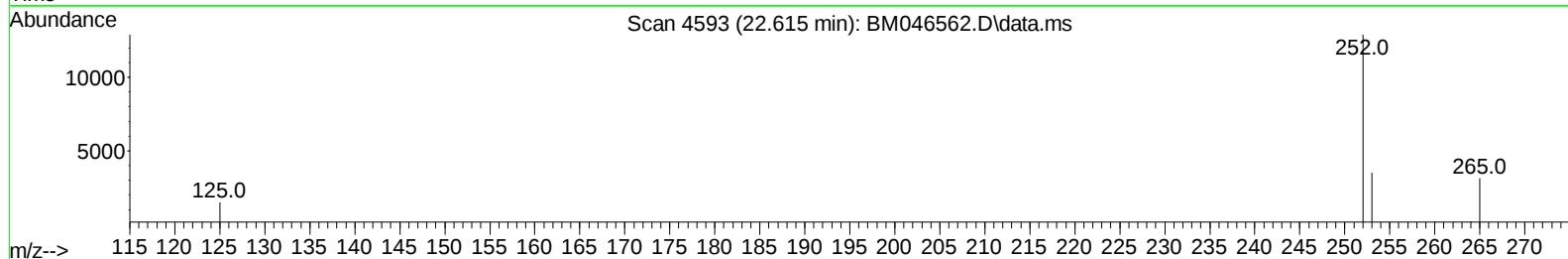
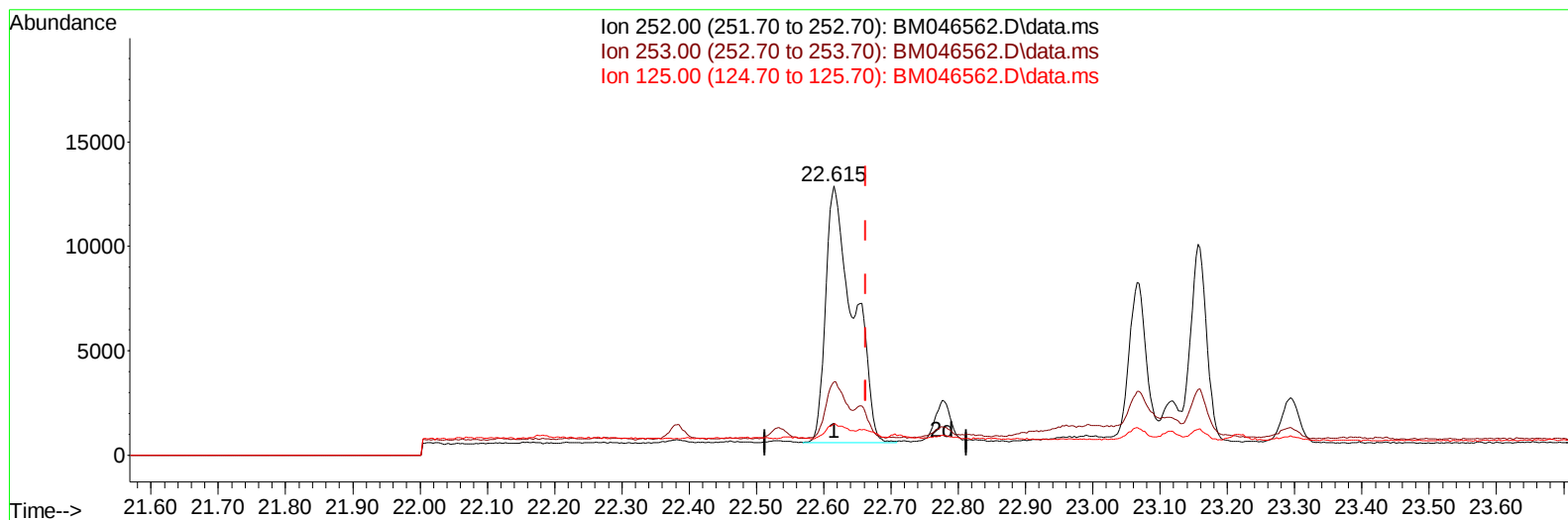
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Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046562.D\data.ms

(25) Benzo(k)fluoranthene

22.615min (-0.047) 0.82 ng/u1

response 34919

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	27.27
125.00	8.70	11.63#
0.00	0.00	0.00

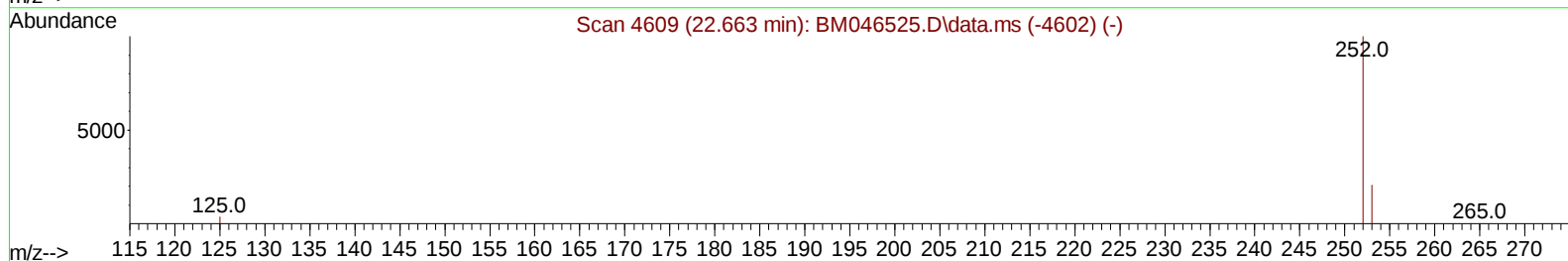
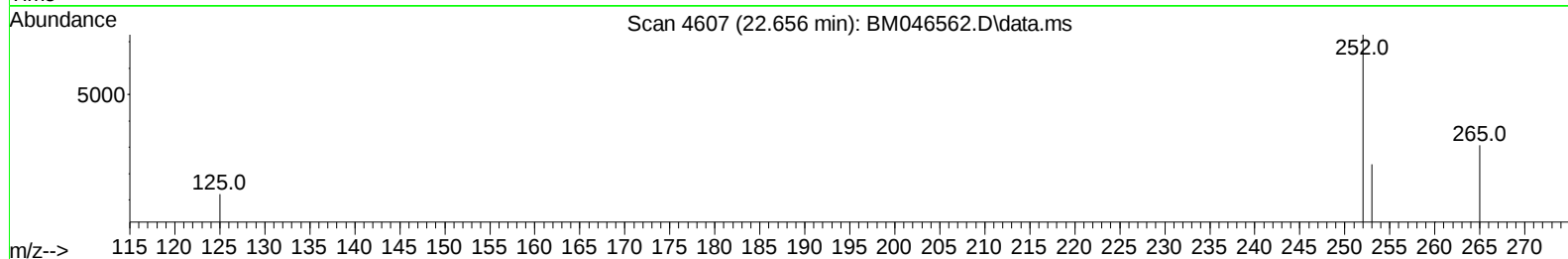
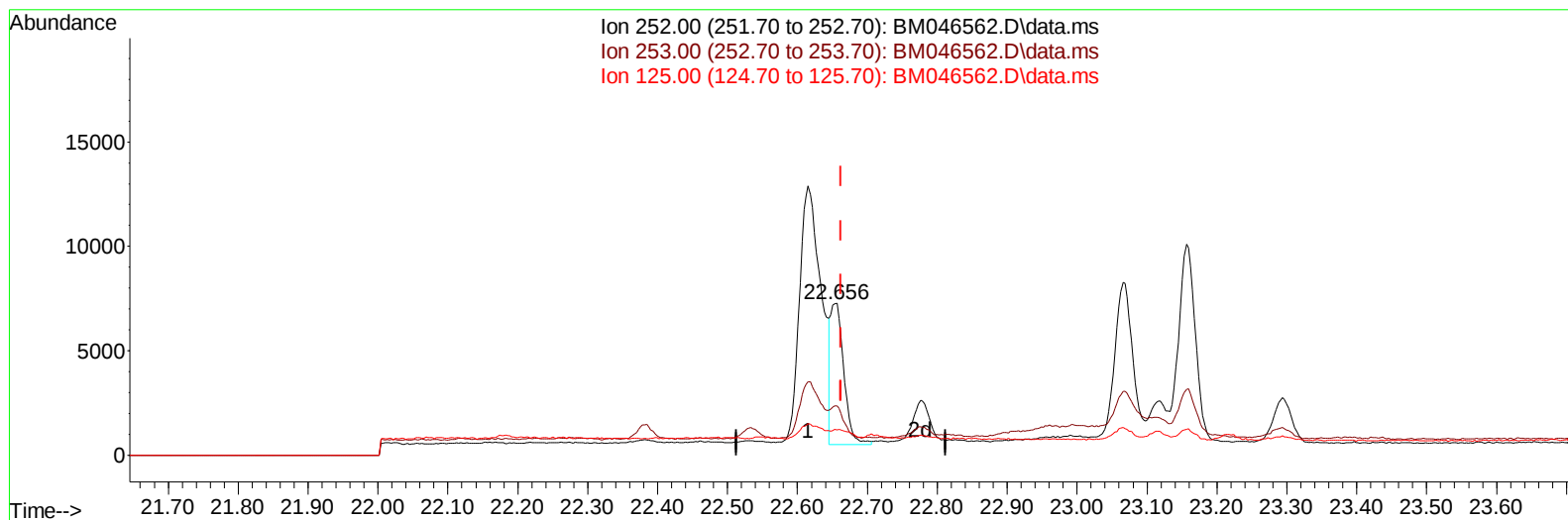
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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TIC: BM046562.D\data.ms

(25) Benzo(k)fluoranthene

22.656min (-0.006) 0.21 ng/u1 m

response 8900

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	32.52
125.00	8.70	16.75#
0.00	0.00	0.00

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 ALS Vial : 24 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	10367	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	6495	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	14292m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	10982	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	10850m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8176	2.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	3770	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9259	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.321	128	974	0.037	ng/ul#	82
10) Acenaphthylene	13.868	152	1623	0.055	ng/ul#	90
11) Acenaphthene	14.215	153	606	0.031	ng/ul	90
12) Fluorene	15.210	166	727	0.030	ng/ul#	94
15) Phenanthrene	16.947	178	22937	0.562	ng/ul	99
16) Anthracene	17.036	178	3802	0.096	ng/ul	95
19) Fluoranthene	18.974	202	48577	1.077	ng/ul	99
20) Pyrene	19.337	202	40252m	0.824	ng/ul	
21) Benzo(a)anthracene	21.093	228	18594	0.383	ng/ul	97
22) Chrysene	21.143	228	20597	0.438	ng/ul	98
24) Benzo(b)fluoranthene	22.615	252	26703m	0.616	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	8900m	0.209	ng/ul	
26) Benzo(a)pyrene	23.156	252	15643	0.439	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.366	276	12668	0.233	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	3035	0.071	ng/ul#	46
29) Benzo(g,h,i)perylene	26.013	276	12315	0.284	ng/ul#	94

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

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