

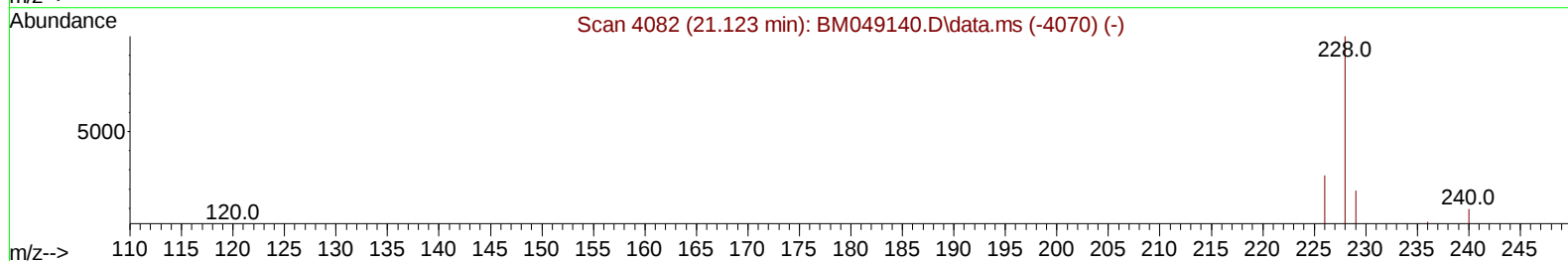
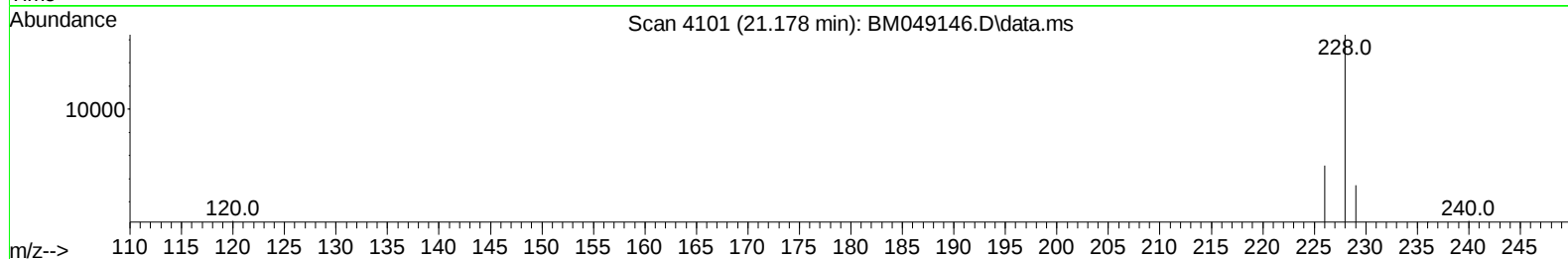
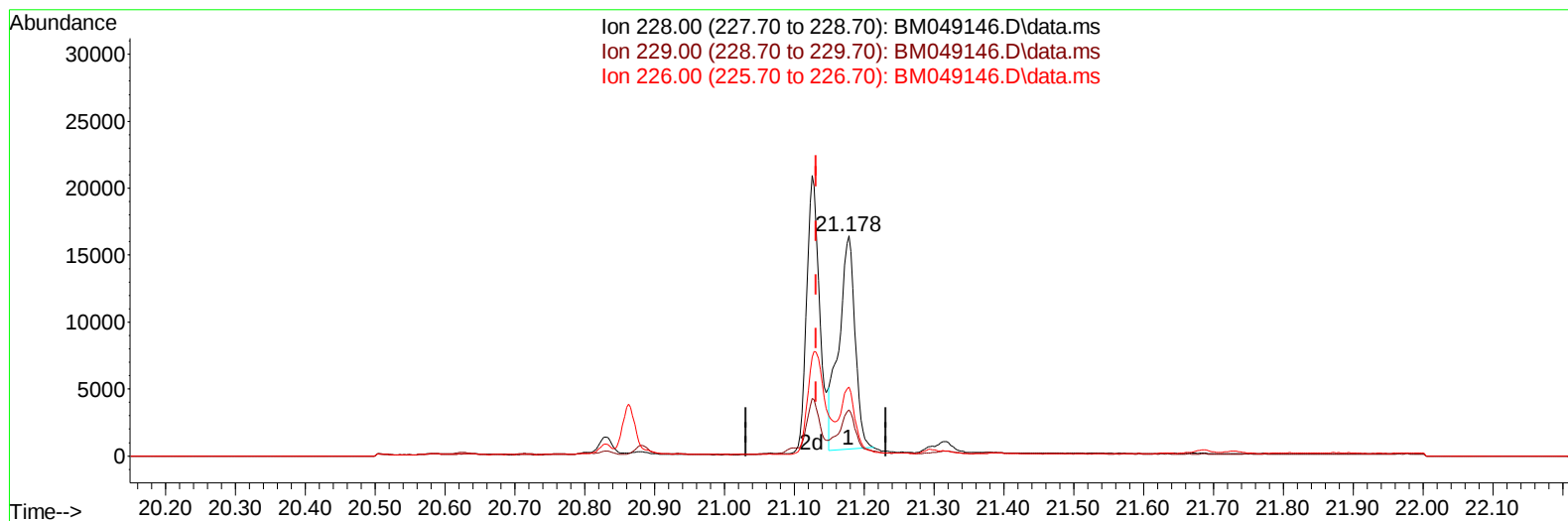
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049146.D
Acq On : 23 Dec 2024 15:00
Operator : RC/JU
Sample : P5226-07DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:07:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049146.D\data.ms

(21) Benzo(a)anthracene

21.178min (+ 0.046) 0.37 ng/u1

response 25856

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.97
226.00	28.30	31.28
0.00	0.00	0.00

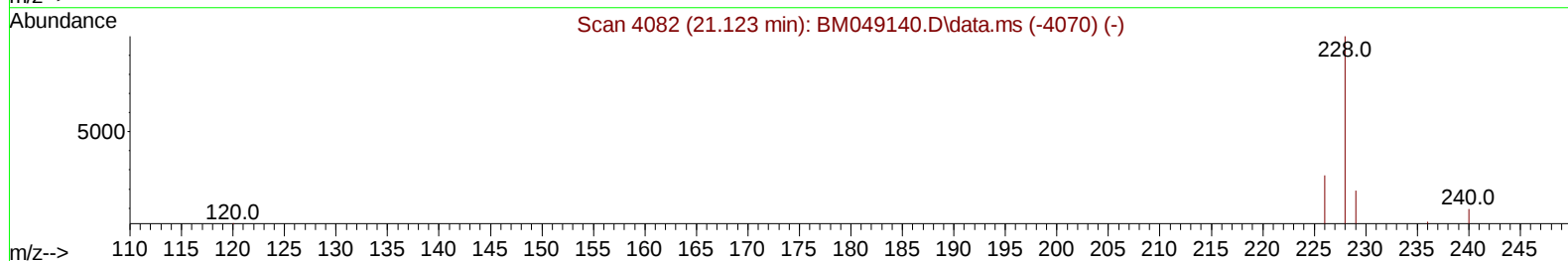
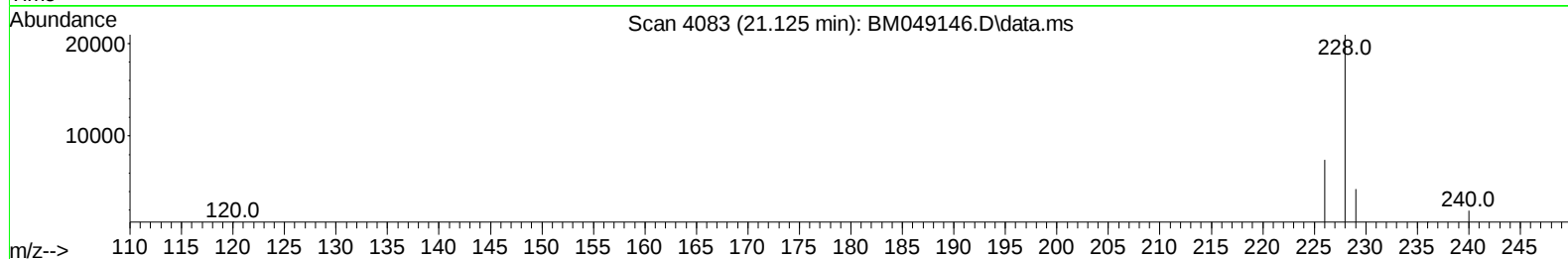
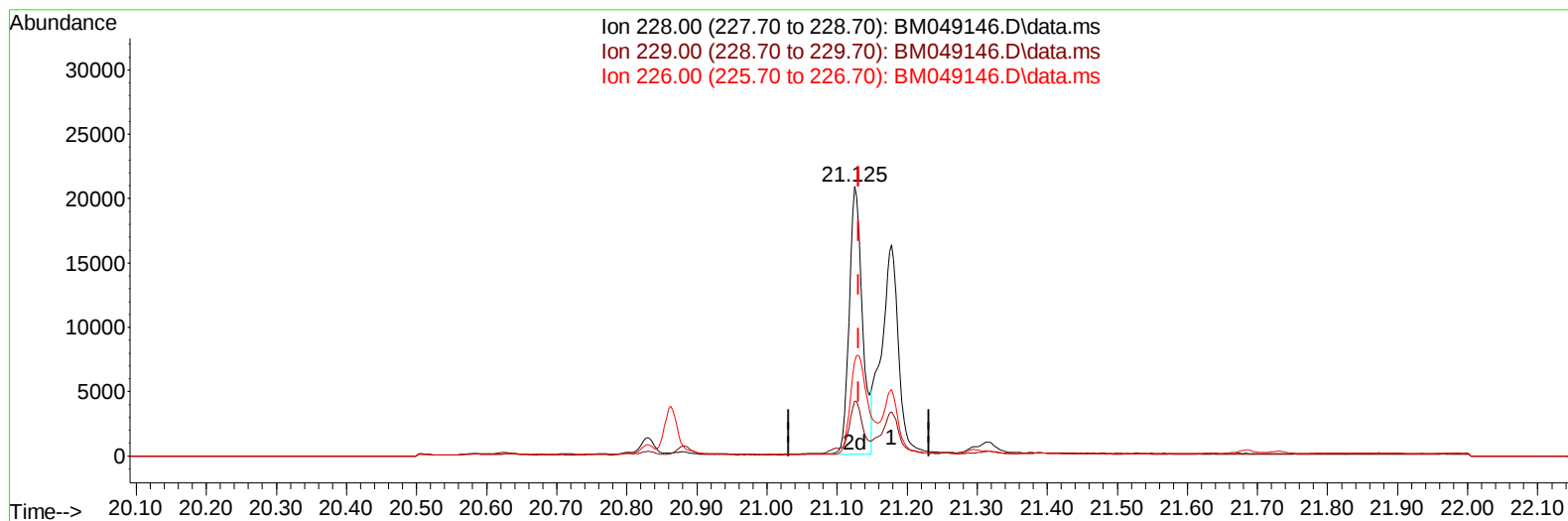
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TIC: BM049146.D\data.ms

(21) Benzo(a)anthracene

21.125min (-0.006) 0.40 ng/u1 m

response 27505

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.46
226.00	28.30	35.32#
0.00	0.00	0.00

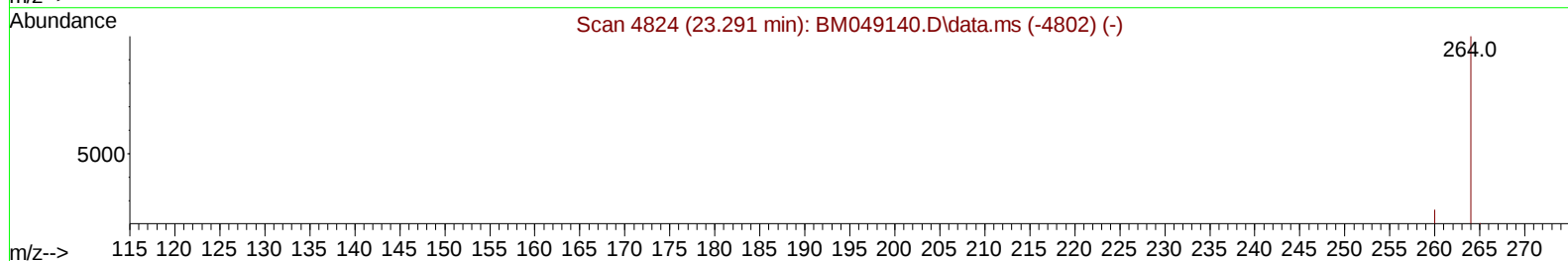
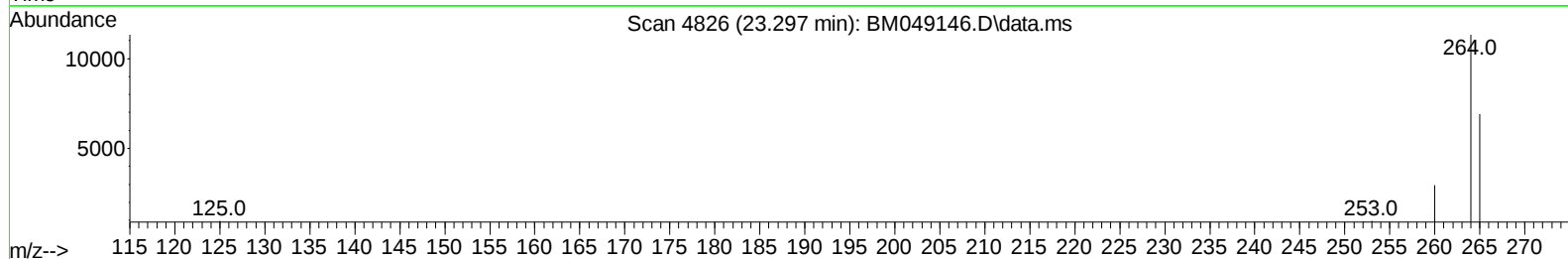
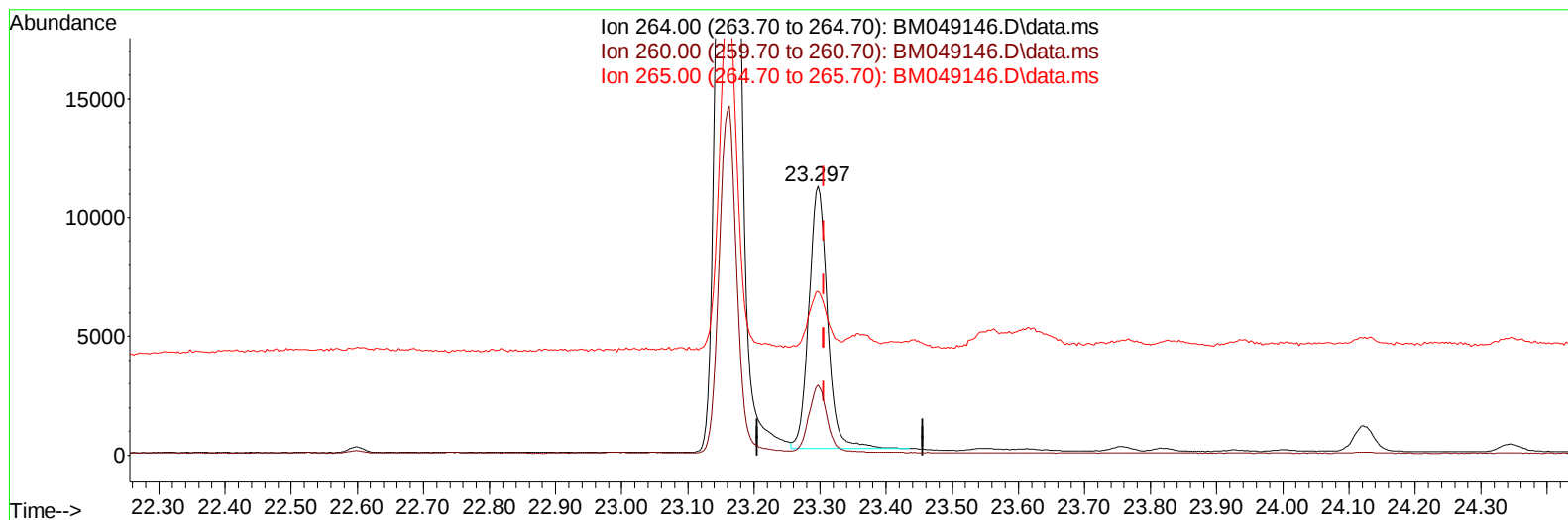
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM049146.D\data.ms

(23) Perylene-d12 (I)

23.297min (-0.009) 0.40 ng/u1

response 21713

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.97
265.00	78.30	60.85#
0.00	0.00	0.00

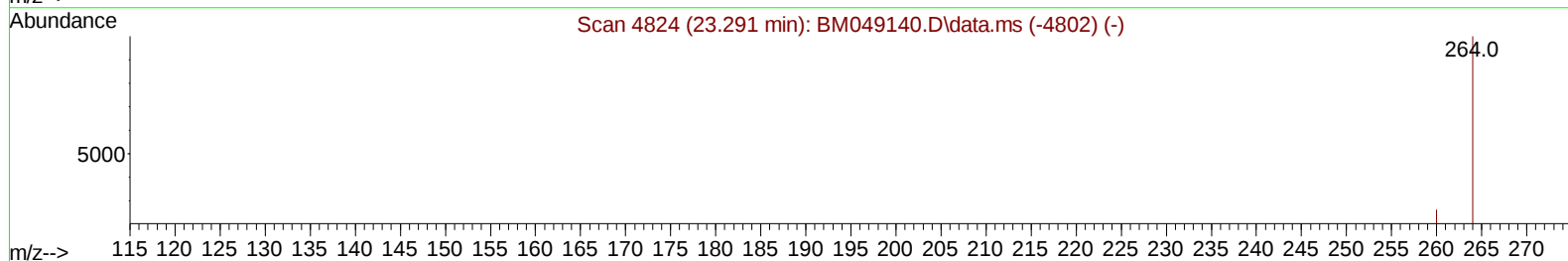
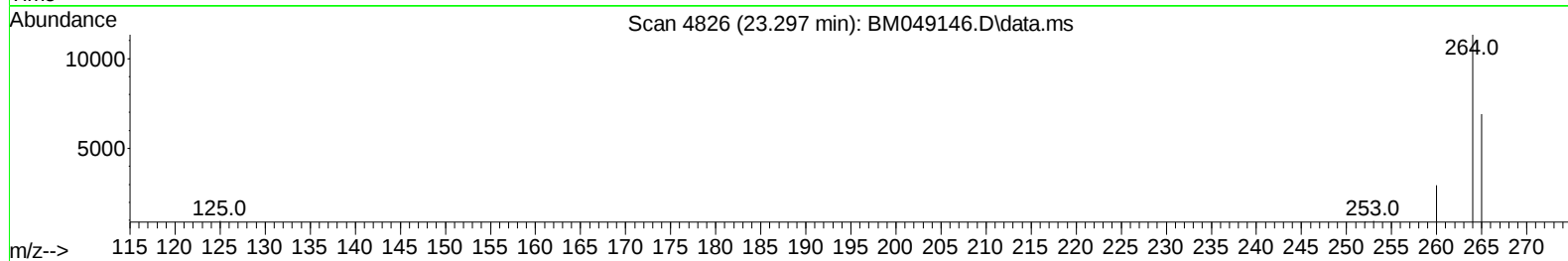
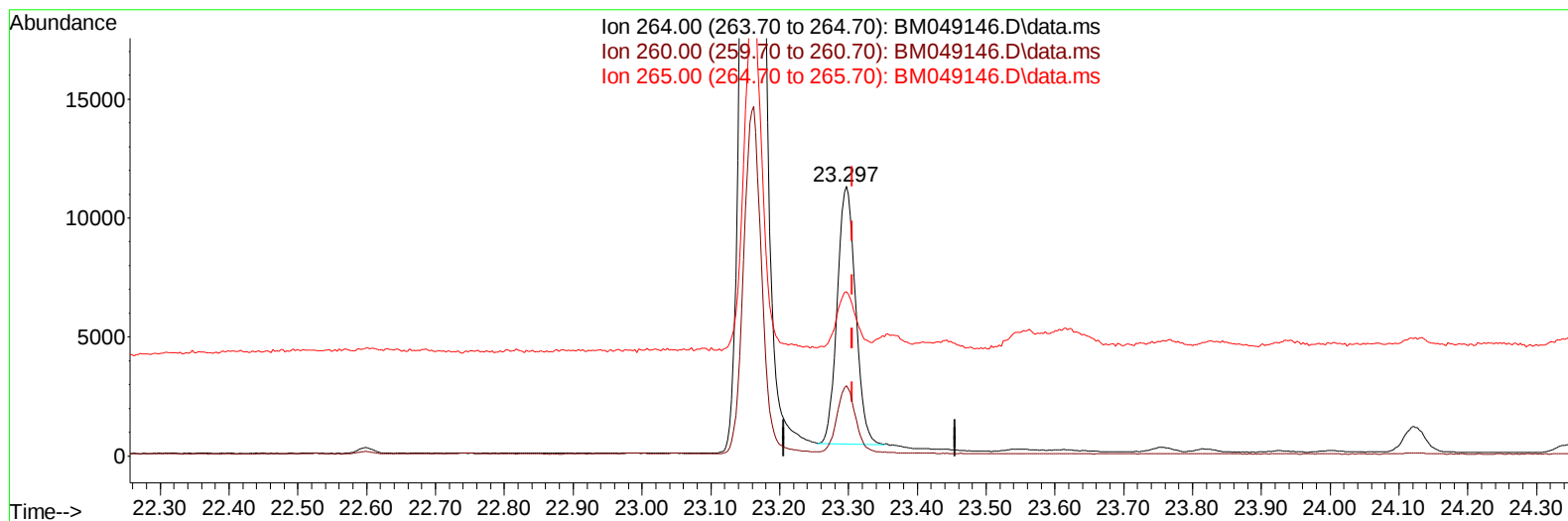
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049146.D
Acq On : 23 Dec 2024 15:00
Operator : RC/JU
Sample : P5226-07DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2AP5DL

Manual IntegrationsAPPROVED

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TIC: BM049146.D\data.ms

(23) Perylene-d12 (I)

23.297min (-0.009) 0.40 ng/ul m

response 20012

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.97
265.00	78.30	60.85#
0.00	0.00	0.00

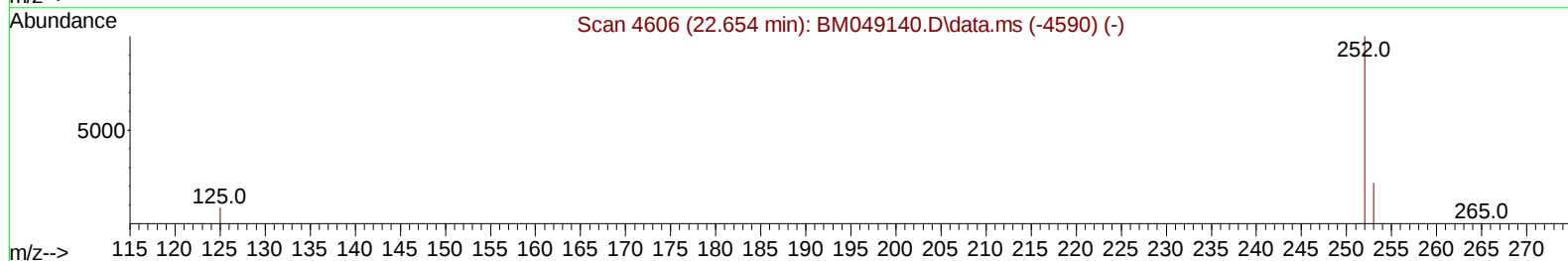
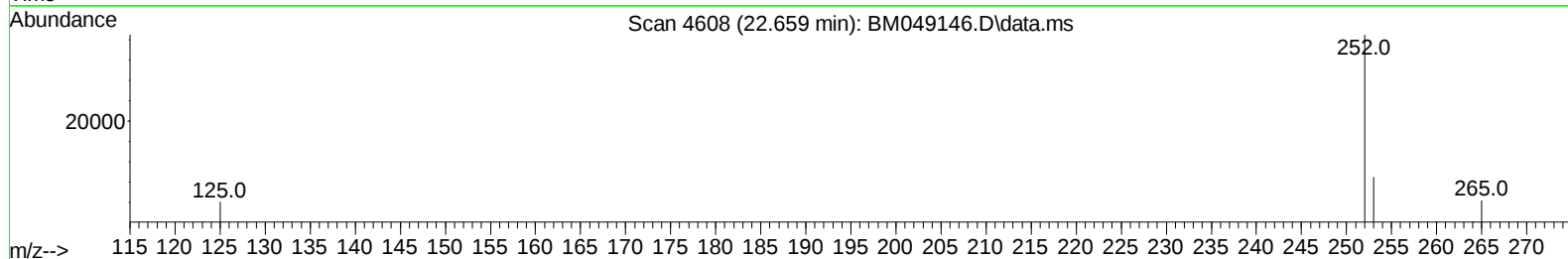
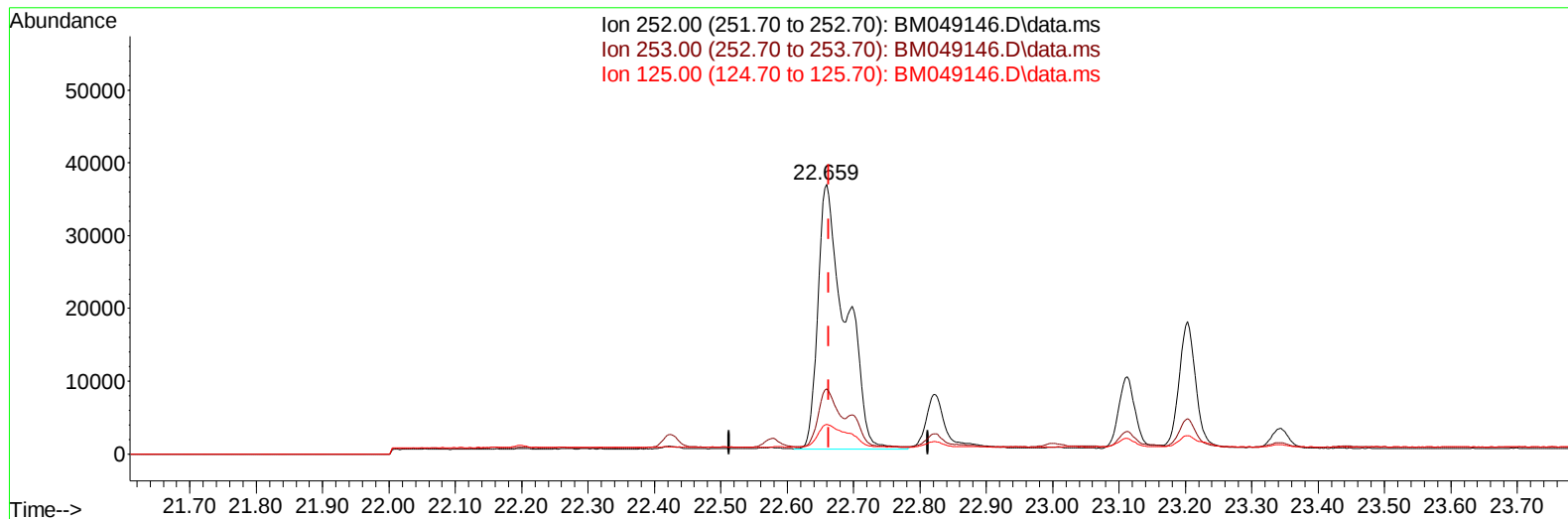
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TIC: BM049146.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 1.64 ng/u1

response 105027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.19
125.00	15.40	11.01
0.00	0.00	0.00

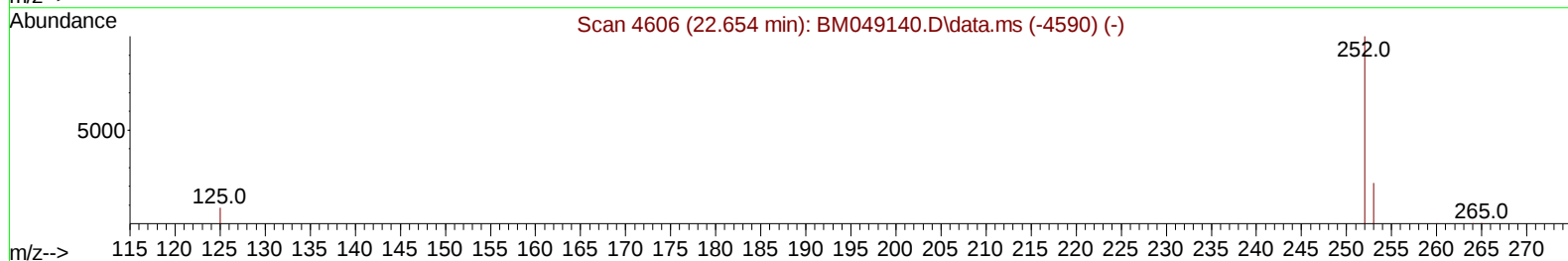
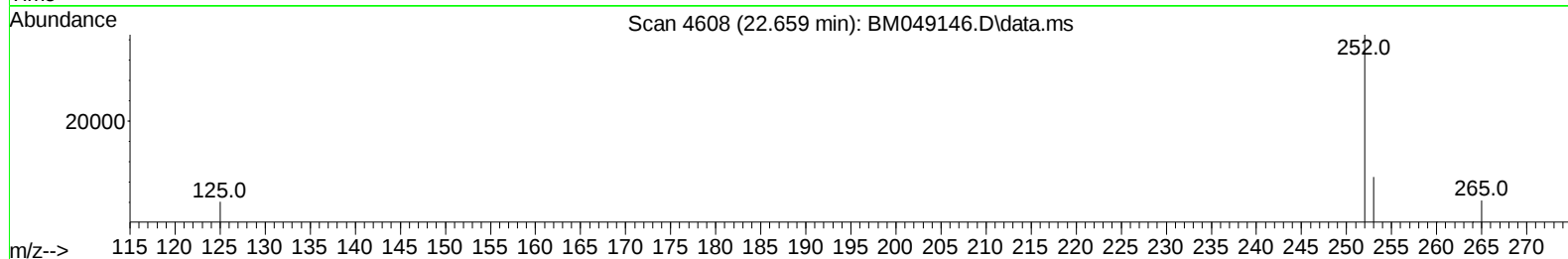
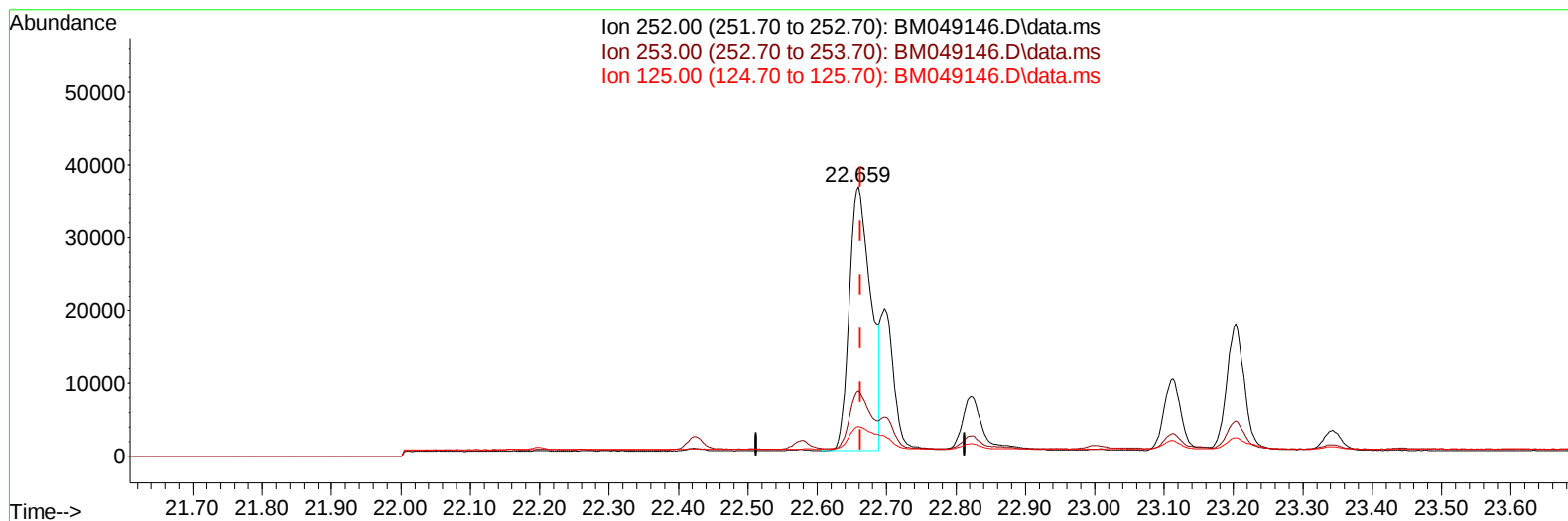
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049146.D
Acq On : 23 Dec 2024 15:00
Operator : RC/JU
Sample : P5226-07DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049146.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 1.22 ng/u1 m

response 78161

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.19
125.00	15.40	11.01
0.00	0.00	0.00

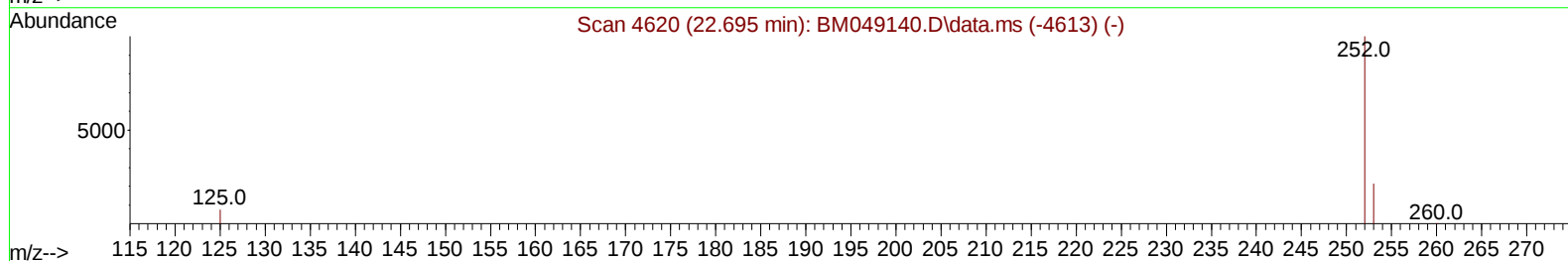
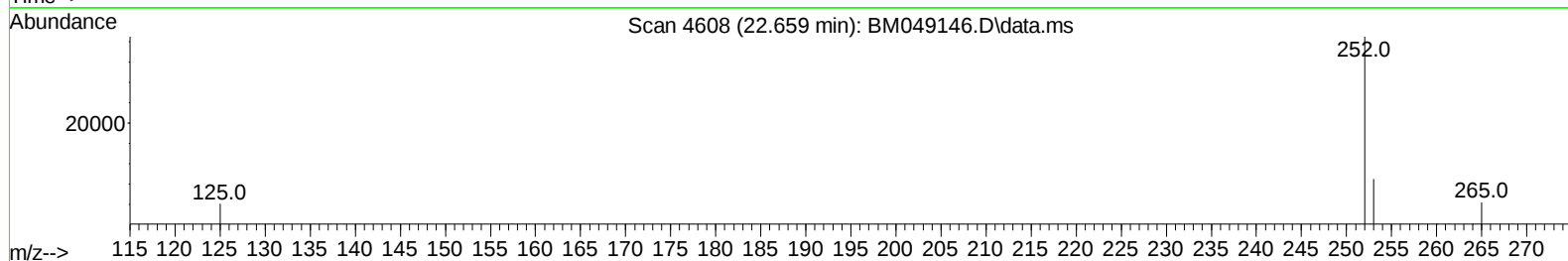
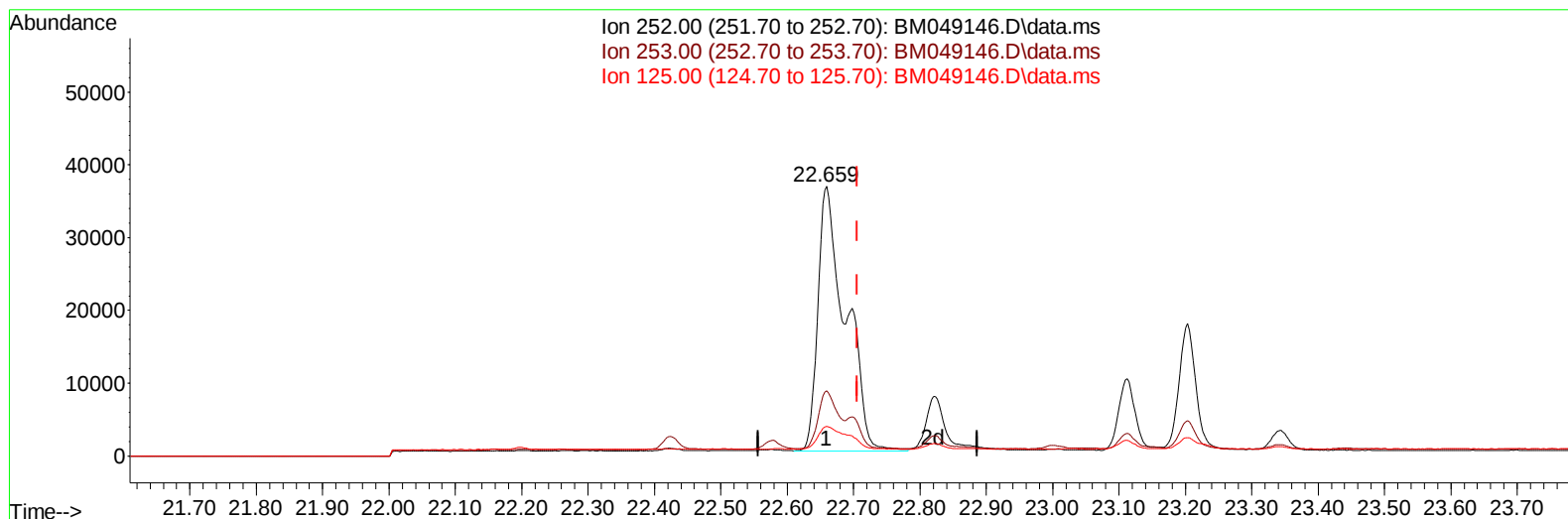
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM049146.D\data.ms

(25) Benzo(k)fluoranthene

22.659min (-0.047) 1.50 ng/u1

response 105027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.19
125.00	15.70	11.01#
0.00	0.00	0.00

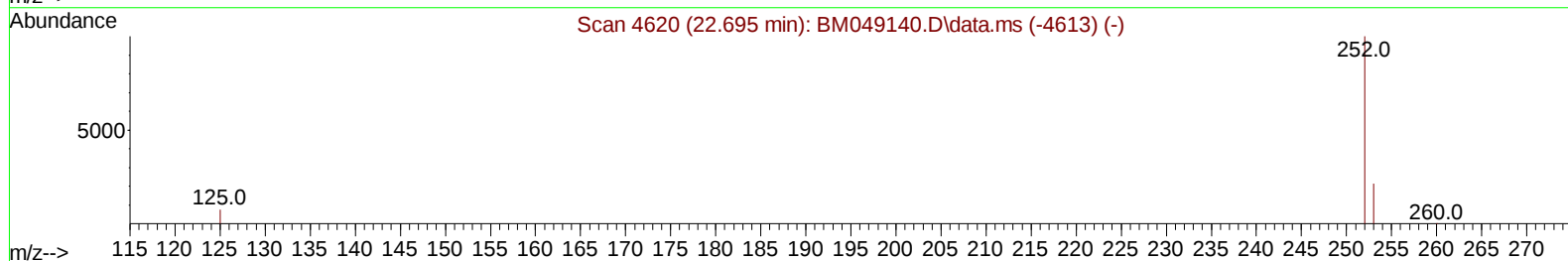
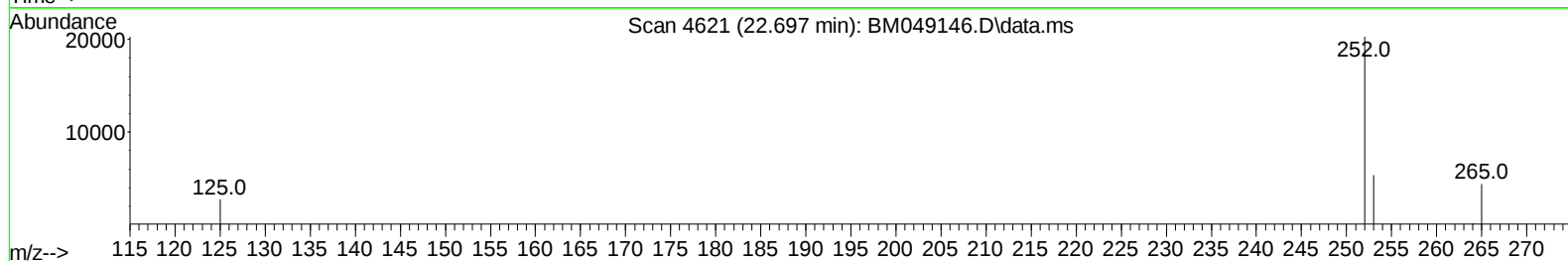
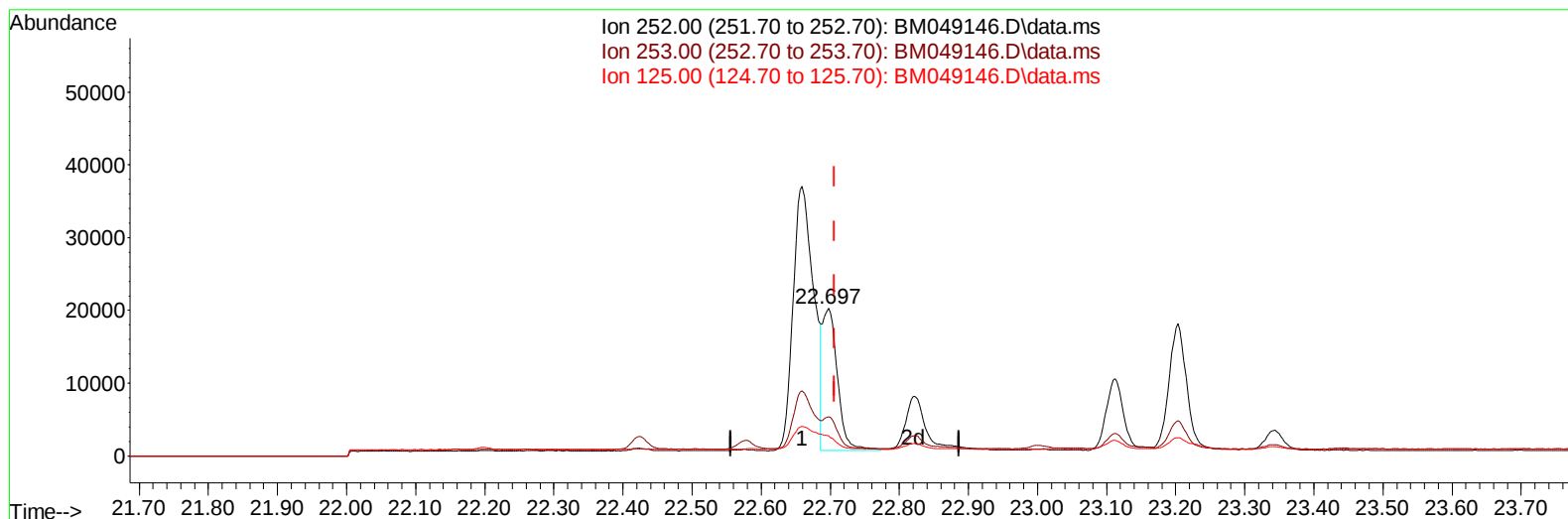
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049146.D
Acq On : 23 Dec 2024 15:00
Operator : RC/JU
Sample : P5226-07DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP5DL

Manual IntegrationsAPPROVED

Quant Time: Dec 23 16:07:40 2024
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049146.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.009) 0.42 ng/u1 m

response 29232

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	26.37
125.00	15.70	13.50
0.00	0.00	0.00

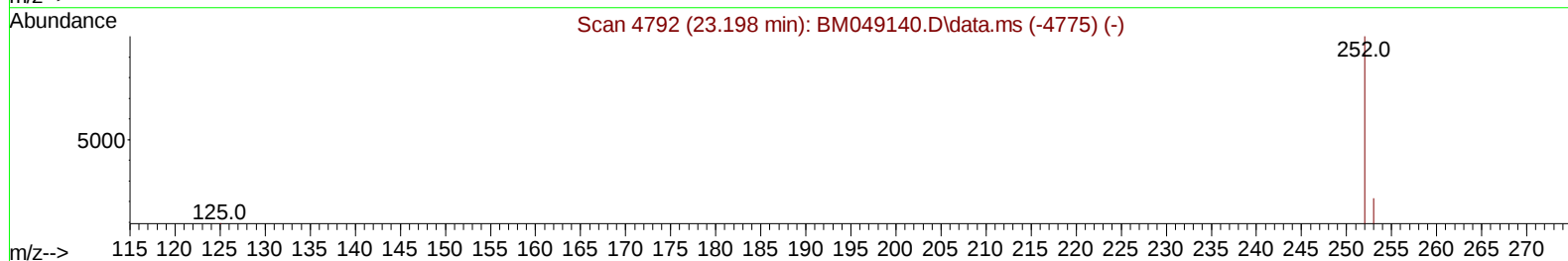
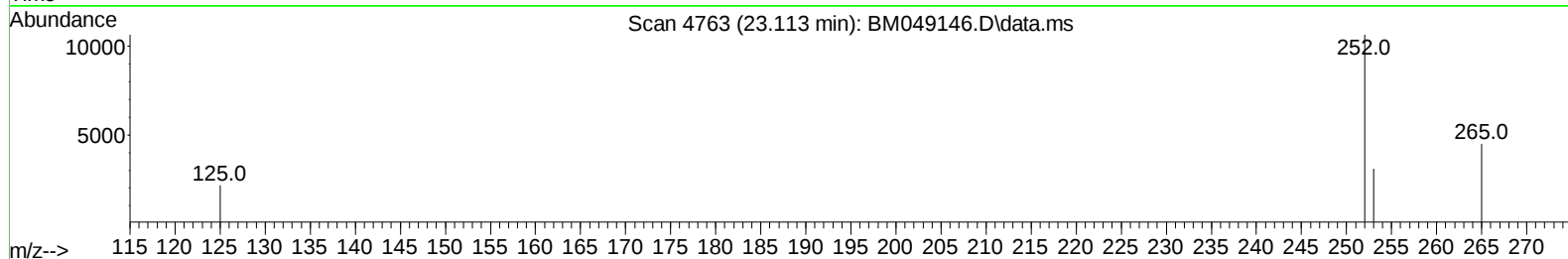
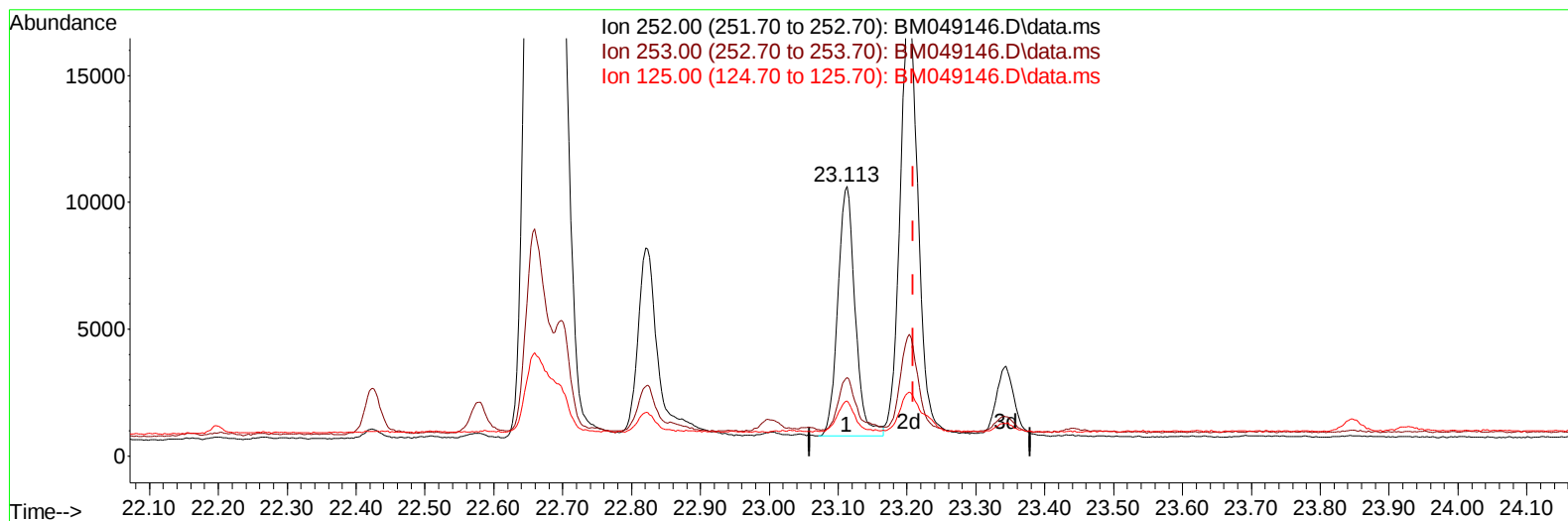
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TIC: BM049146.D\data.ms

(26) Benzo(a)pyrene (C)

23.113min (-0.097) 0.28 ng/u1

response 17266

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	29.04
125.00	18.50	20.37
0.00	0.00	0.00

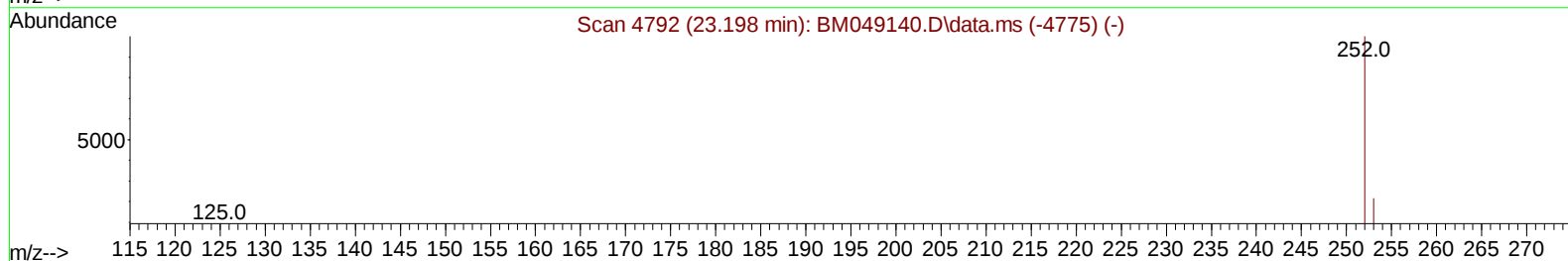
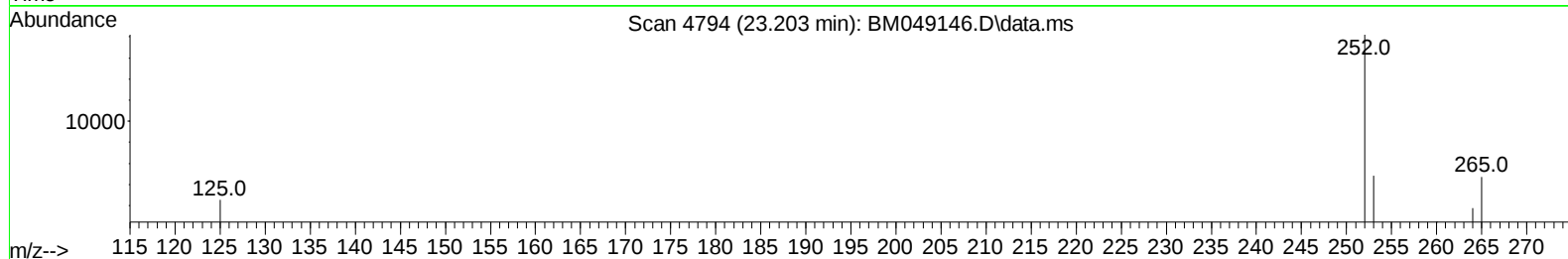
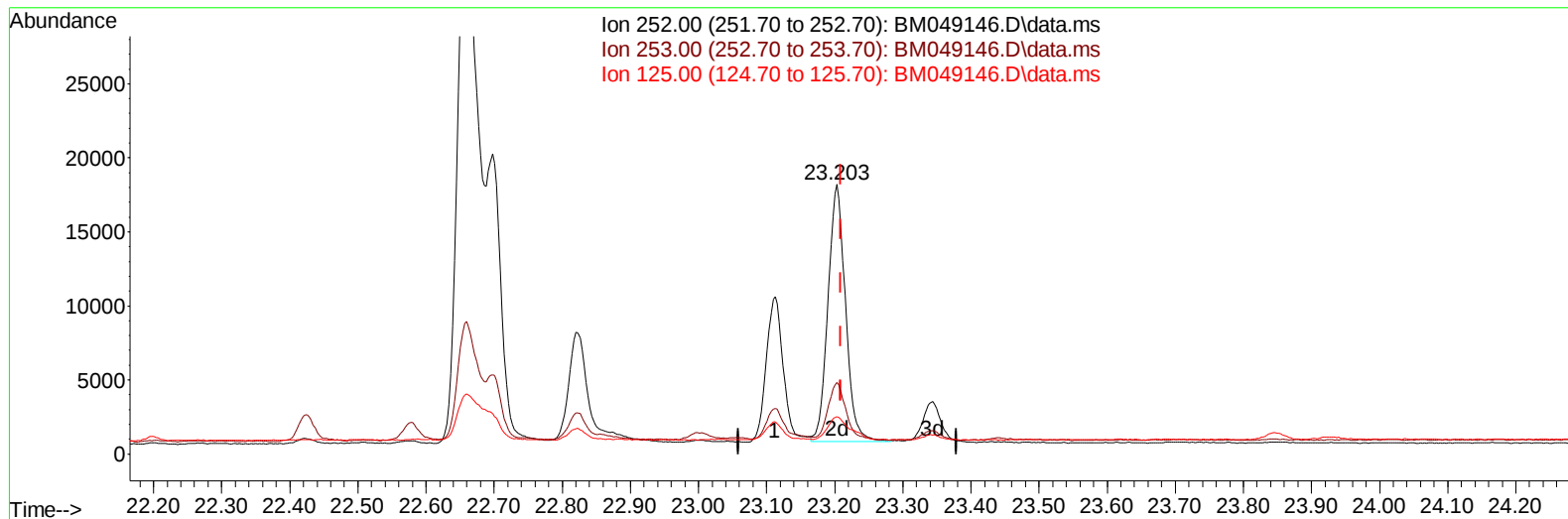
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ALS Vial : 8 Sample Multiplier: 1

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TIC: BM049146.D\data.ms

(26) Benzo(a)pyrene (C)

23.203min (-0.006) 0.50 ng/u1 m

response 30940

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	26.43
125.00	18.50	13.92#
0.00	0.00	0.00

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 Acq On : 23 Dec 2024 15:00
 Operator : RC/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP5DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	6653	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	19411	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	11211	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	23440	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	19829	0.400	ng/ul	0.00
23) Perylene-d12	23.297	264	20012m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	4986	0.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1005	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	2438	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.905	152	20495	0.441	ng/ul	100
15) Phenanthrene	16.981	178	2111	0.034	ng/ul#	90
16) Anthracene	17.074	178	4776	0.085	ng/ul#	94
19) Fluoranthene	19.007	202	22337	0.312	ng/ul	99
20) Pyrene	19.365	202	22777	0.298	ng/ul	99
21) Benzo(a)anthracene	21.125	228	27505m	0.399	ng/ul	
22) Chrysene	21.178	228	27414	0.370	ng/ul	98
24) Benzo(b)fluoranthene	22.659	252	78161m	1.223	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	29232m	0.417	ng/ul	
26) Benzo(a)pyrene	23.203	252	30940m	0.505	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.430	276	36528	0.421	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.440	278	10380	0.154	ng/ul#	90
29) Benzo(g,h,i)perylene	26.081	276	5456	0.078	ng/ul#	86

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

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