

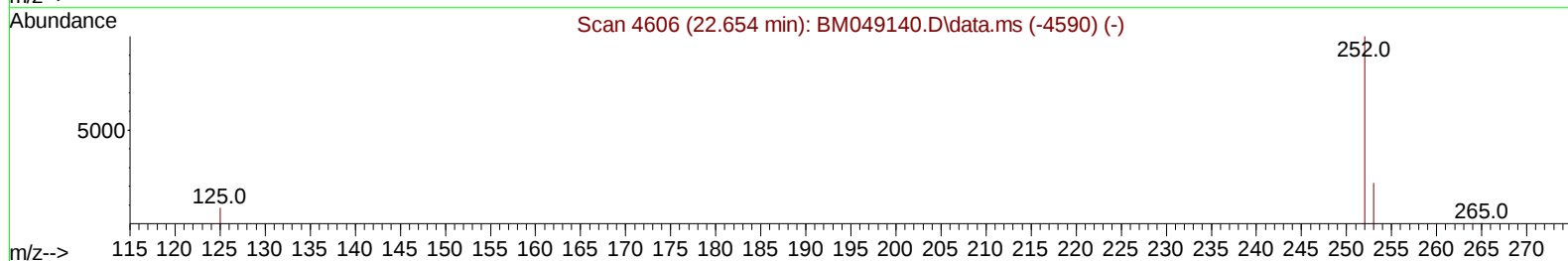
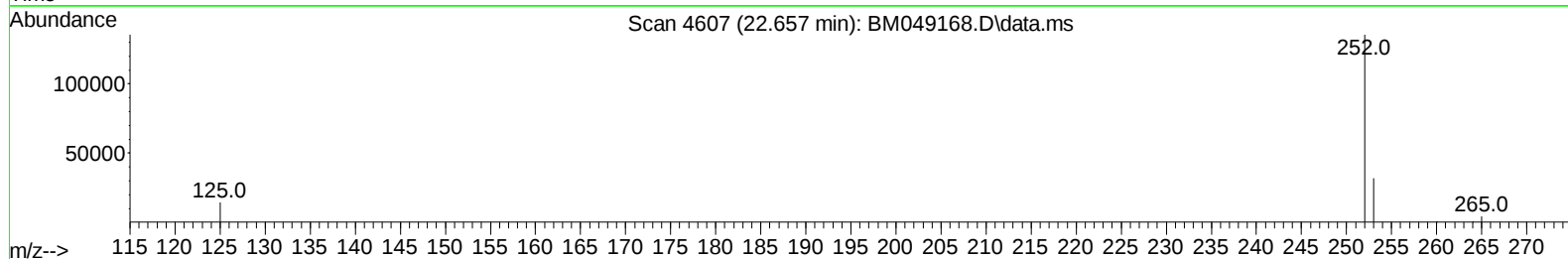
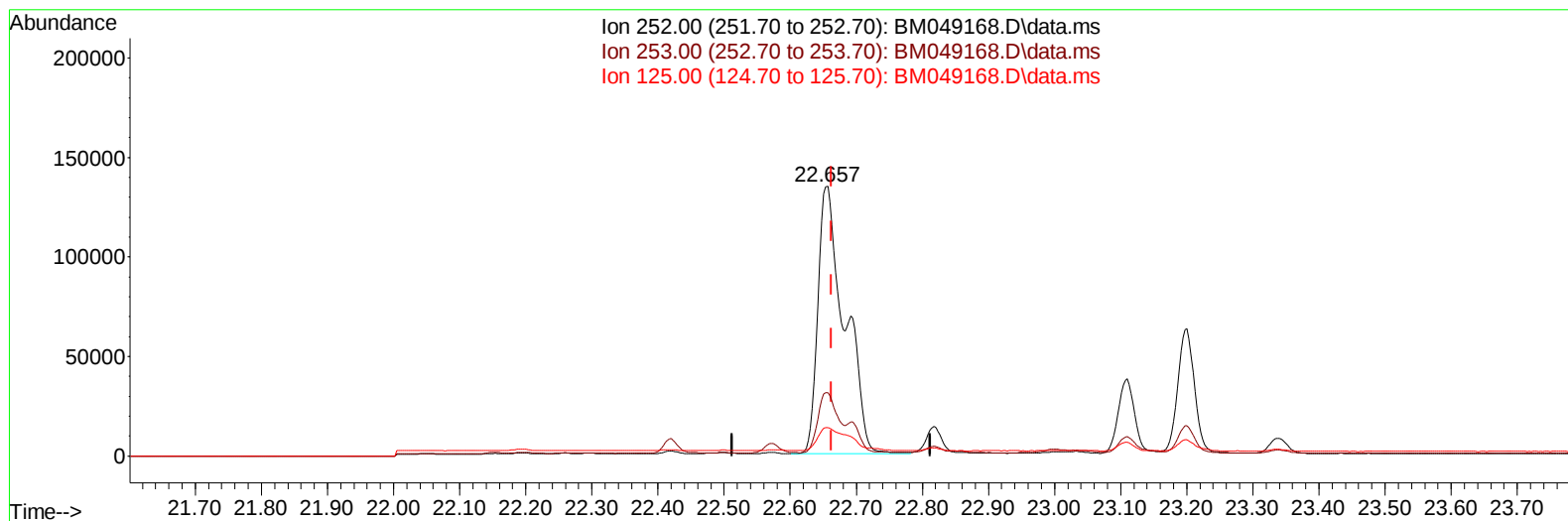
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049168.D
Acq On : 24 Dec 2024 04:39
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2914

Manual IntegrationsAPPROVED

Quant Time: Dec 24 05:05:25 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: BM049168.D\data.ms

(24) Benzo(b)fluoranthene

22.657min (-0.006) 4.70 ng/u1

response 376408

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.39
125.00	15.40	10.54
0.00	0.00	0.00

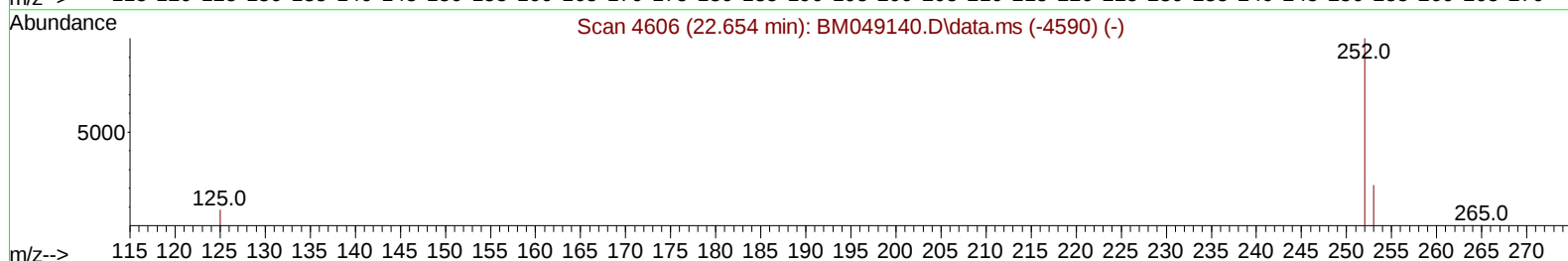
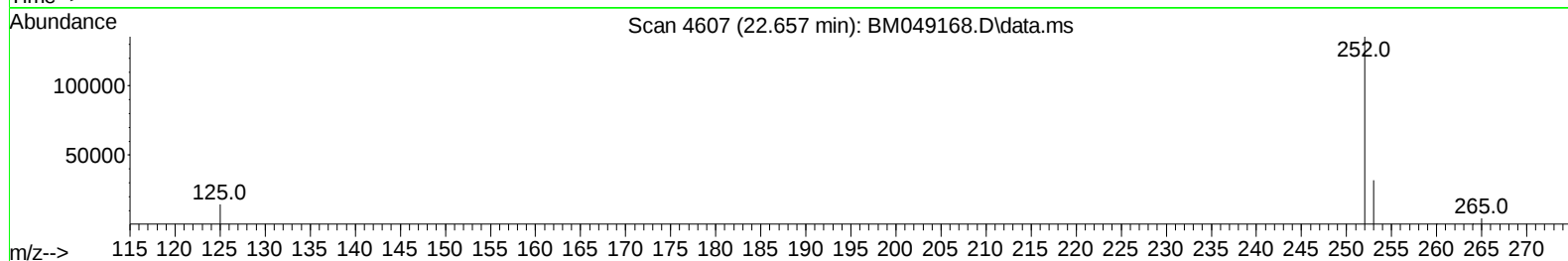
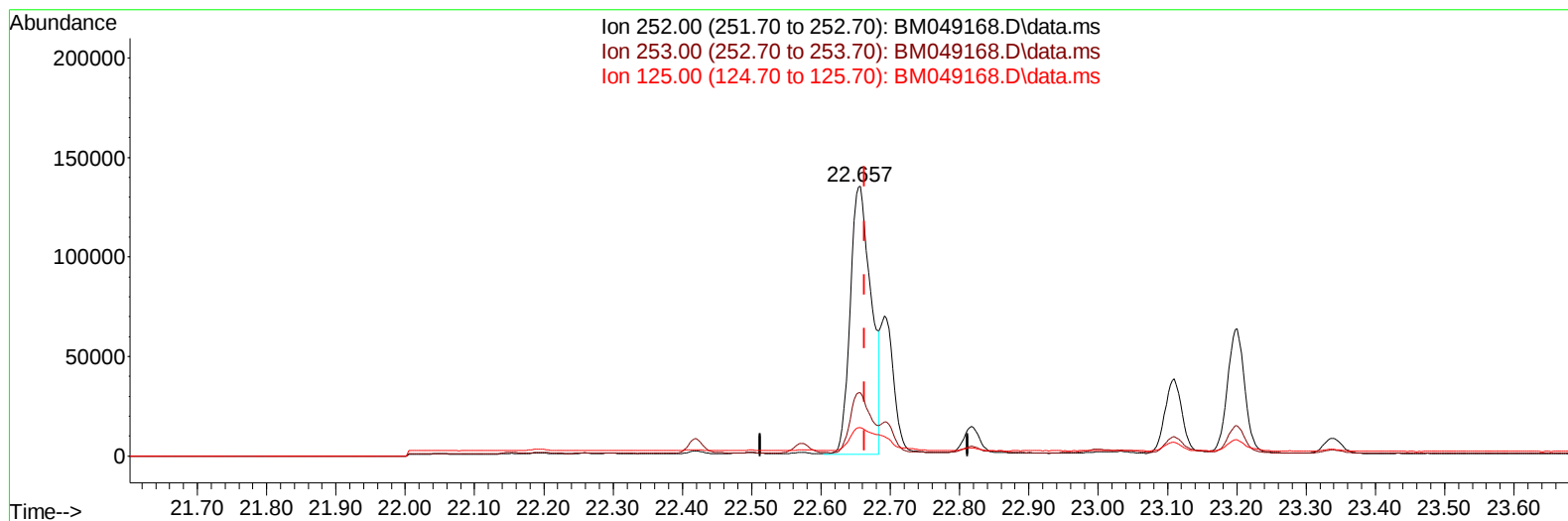
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049168.D\data.ms

(24) Benzo(b)fluoranthene

22.657min (-0.006) 3.53 ng/u1 m

response 282968

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.39
125.00	15.40	10.54
0.00	0.00	0.00

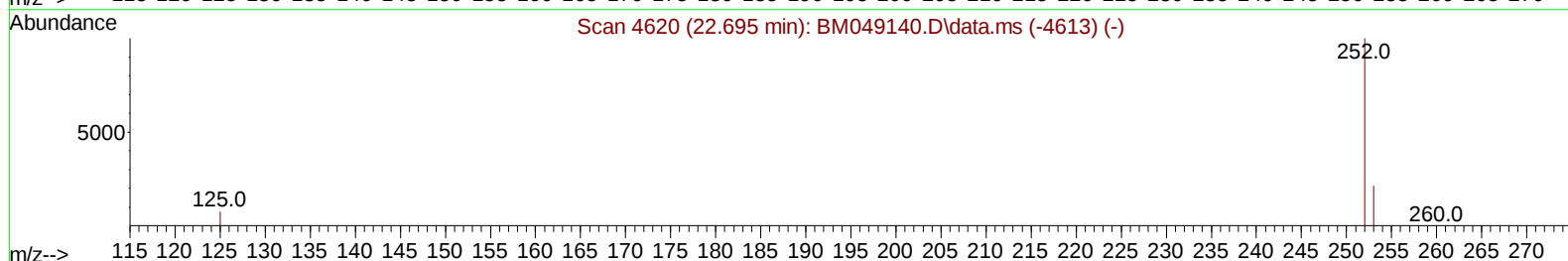
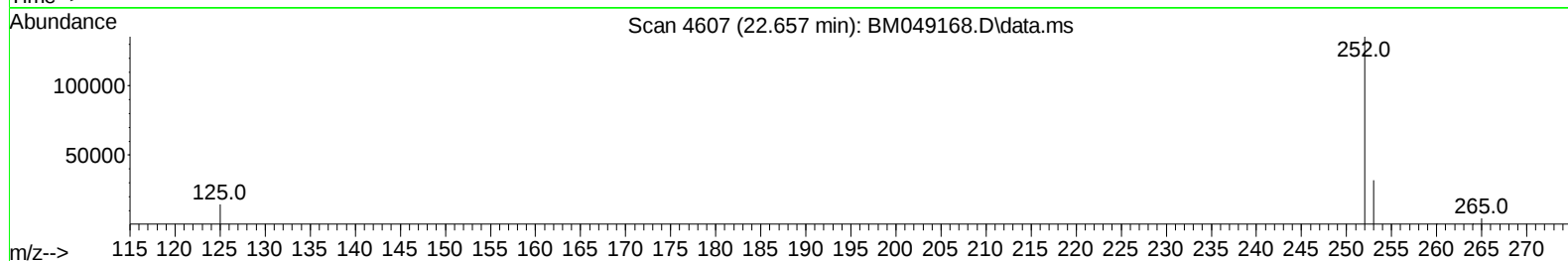
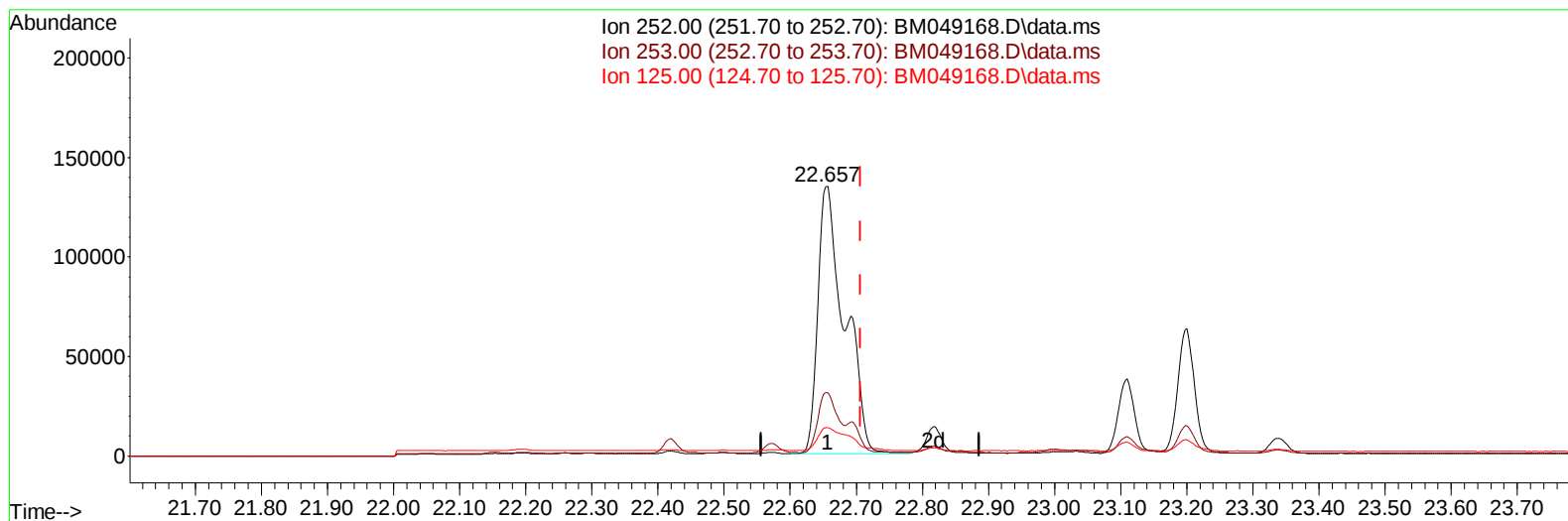
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049168.D
Acq On : 24 Dec 2024 04:39
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM049168.D\data.ms

(25) Benzo(k)fluoranthene

22.657min (-0.050) 4.28 ng/u1

response 376408

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.39
125.00	15.70	10.54#
0.00	0.00	0.00

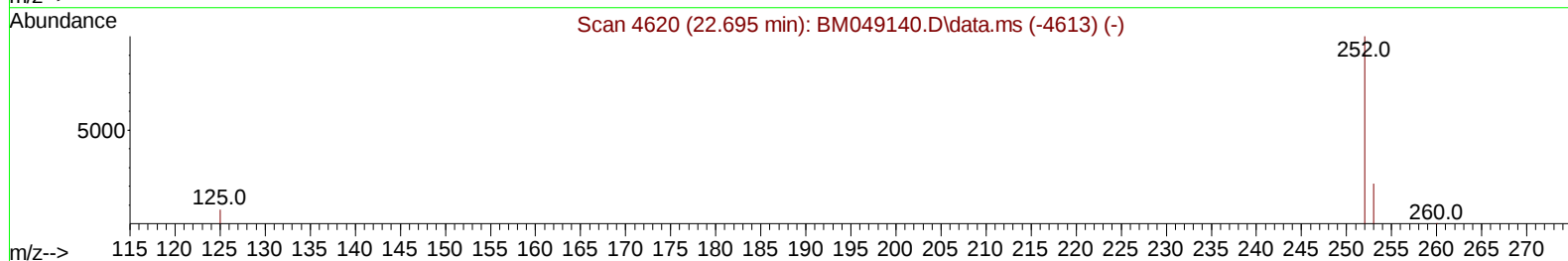
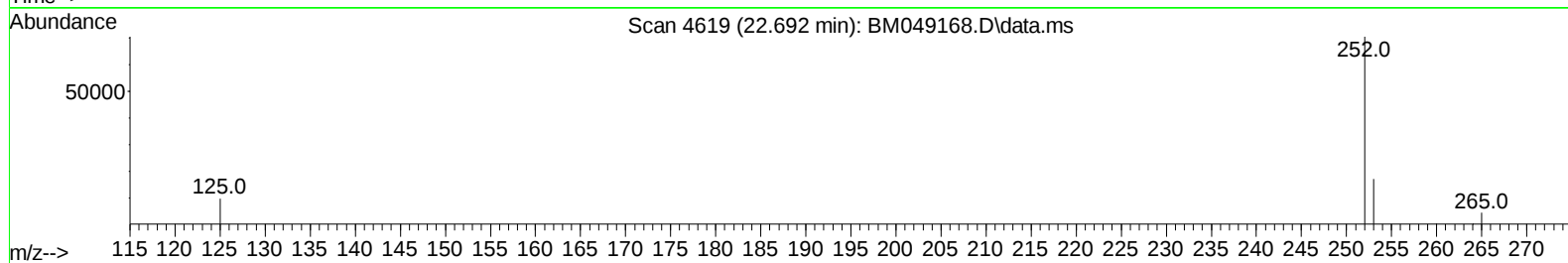
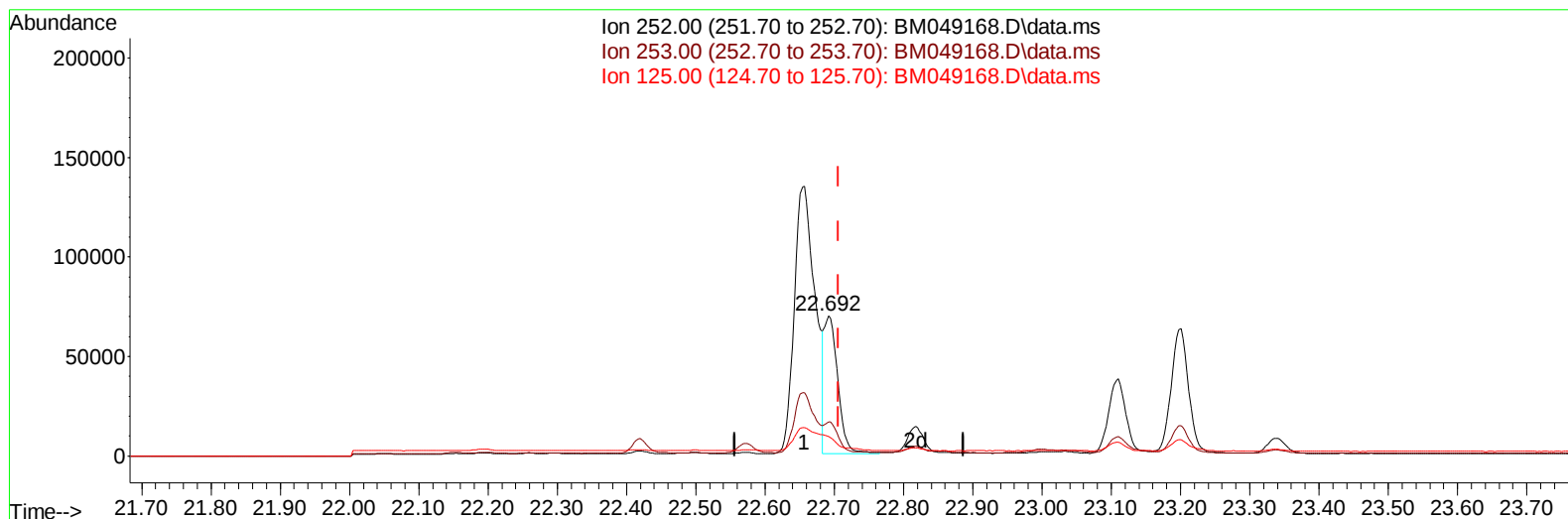
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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Acq On : 24 Dec 2024 04:39
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049168.D\data.ms

(25) Benzo(k)fluoranthene

22.692min (-0.015) 1.06 ng/u1 m

response 93406

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	24.32
125.00	15.70	13.93
0.00	0.00	0.00

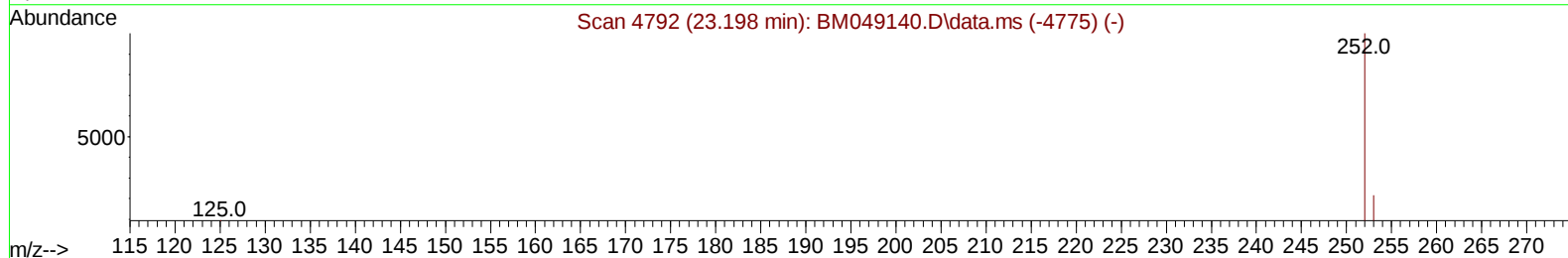
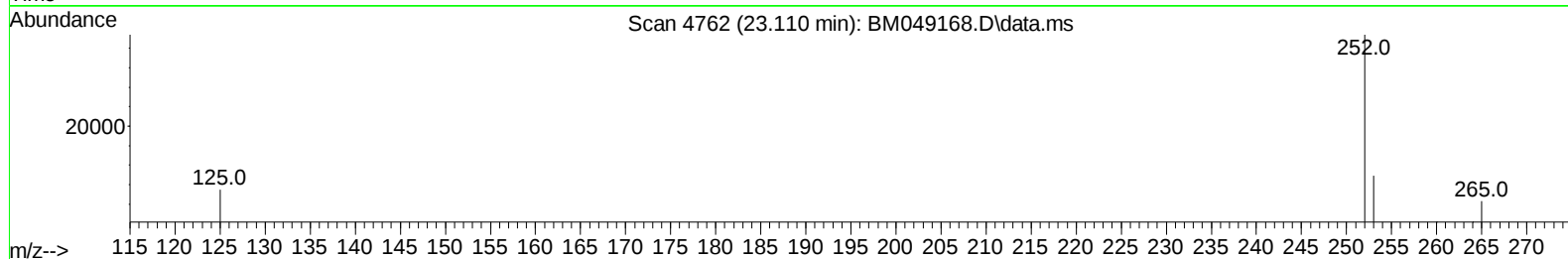
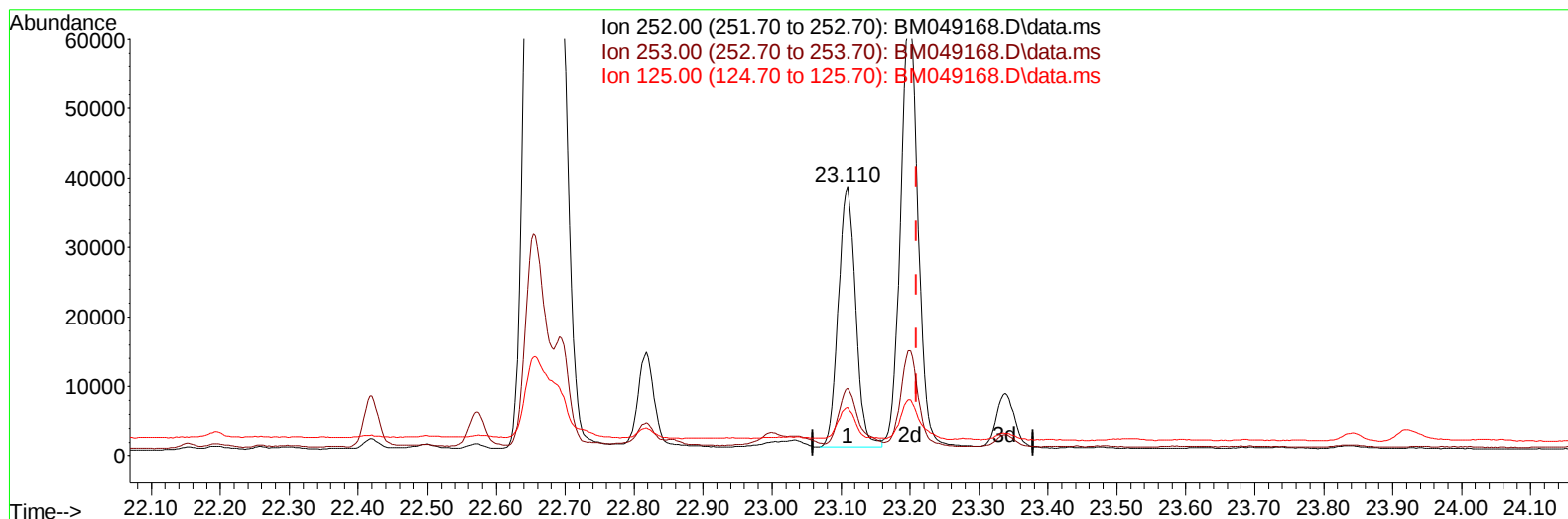
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049168.D\data.ms

(26) Benzo(a)pyrene (C)

23.110min (-0.099) 0.85 ng/u1

response 65663

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.24
125.00	18.50	18.03
0.00	0.00	0.00

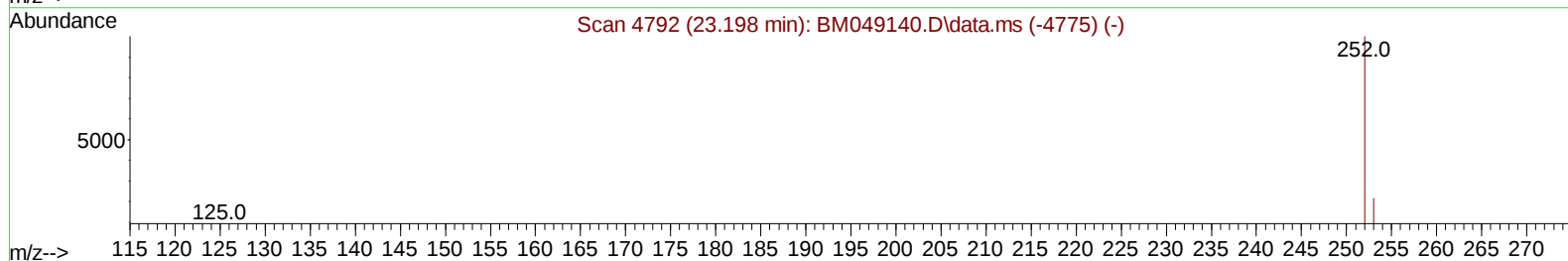
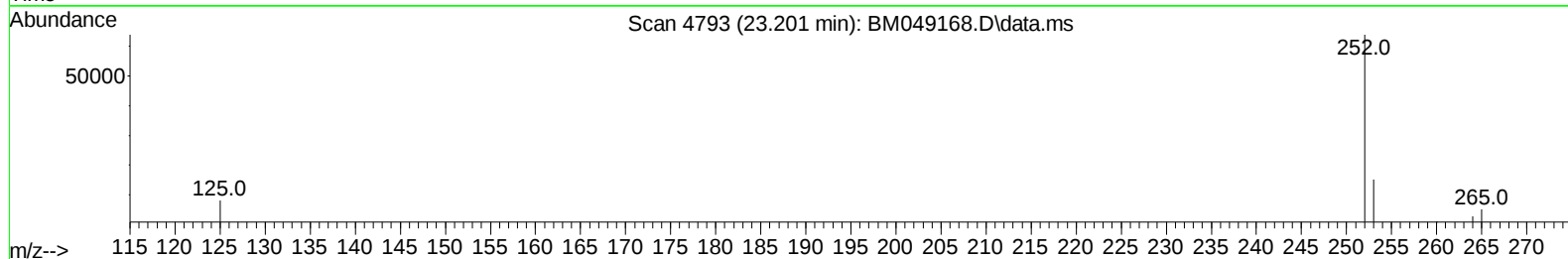
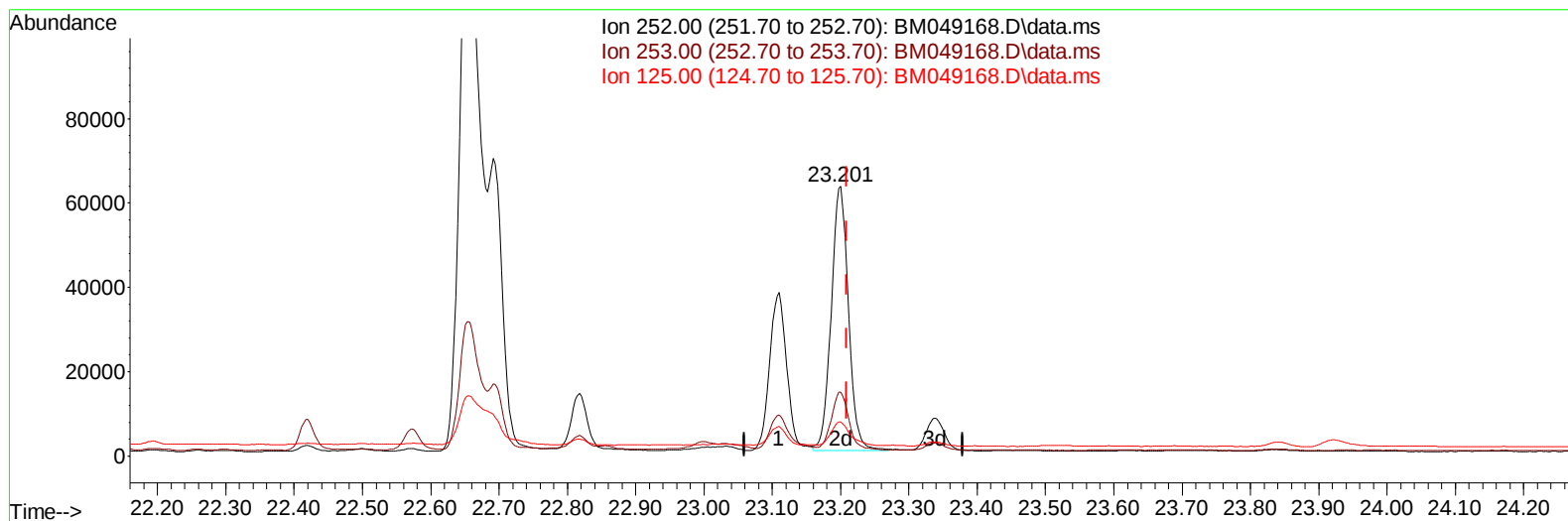
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049168.D
Acq On : 24 Dec 2024 04:39
Operator : RC/JU
Sample : P5333-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2914

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TIC: BM049168.D\data.ms

(26) Benzo(a)pyrene (C)

23.201min (-0.009) 1.43 ng/u1 m

response 109777

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.70
125.00	18.50	12.68#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P5333-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6165	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	18798	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	10681	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	24349	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	22296	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	25076	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	20473	2.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	4488	0.178	ng/ul	-0.02
18) Fluoranthene-d10	18.973	212	8835	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	32073	0.682	ng/ul	99
7) 2-Methylnaphthalene	11.985	142	28631	0.960	ng/ul	98
8) 1-Methylnaphthalene	12.205	142	12062	0.395	ng/ul	100
10) Acenaphthylene	13.904	152	3929	0.089	ng/ul#	88
11) Acenaphthene	14.251	153	3435	0.106	ng/ul	96
12) Fluorene	15.241	166	2962	0.081	ng/ul#	89
15) Phenanthrene	16.975	178	95671	1.504	ng/ul	98
16) Anthracene	17.068	178	12924	0.221	ng/ul	95
19) Fluoranthene	19.001	202	163333	2.026	ng/ul	100
20) Pyrene	19.363	202	138758	1.614	ng/ul	99
21) Benzo(a)anthracene	21.120	228	125439	1.617	ng/ul	98
22) Chrysene	21.172	228	157641	1.894	ng/ul	96
24) Benzo(b)fluoranthene	22.657	252	282968m	3.532	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	93406m	1.063	ng/ul	
26) Benzo(a)pyrene	23.201	252	109777m	1.429	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.424	276	119626	1.100	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.434	278	36287	0.430	ng/ul	96
29) Benzo(g,h,i)perylene	26.078	276	19036	0.218	ng/ul	92

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

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