

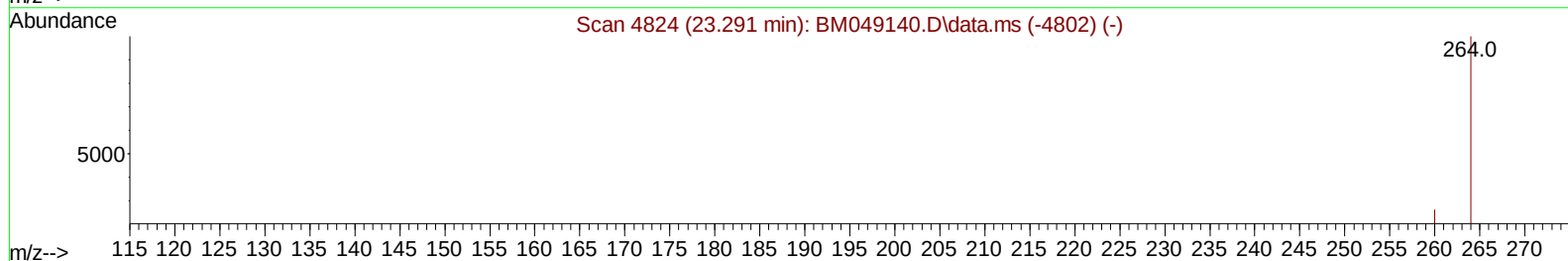
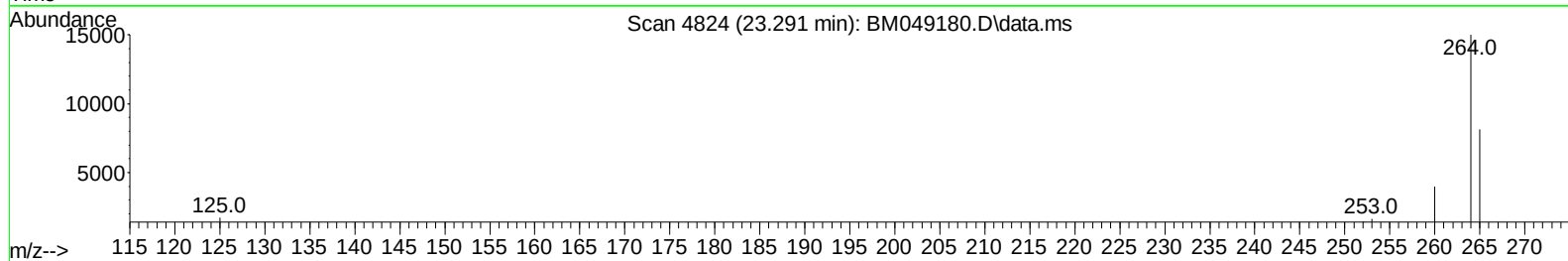
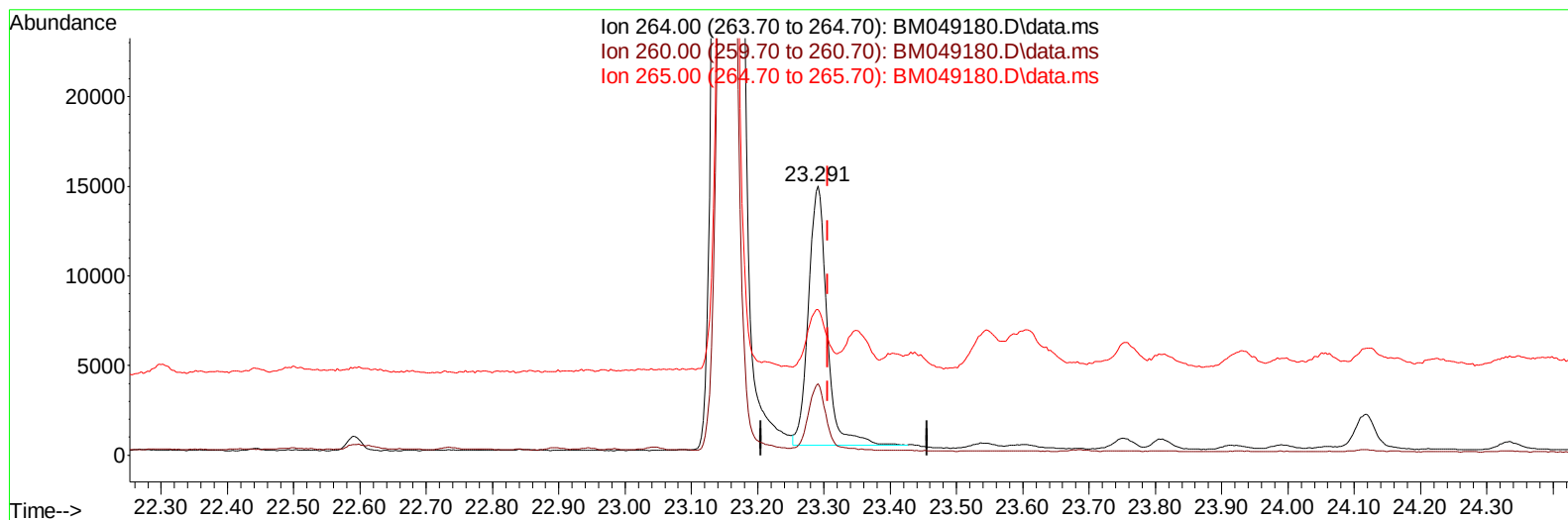
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2912

Manual IntegrationsAPPROVED

Quant Time: Dec 24 21:40:04 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 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049180.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/u1

response 27802

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.52
265.00	78.30	54.22#
0.00	0.00	0.00

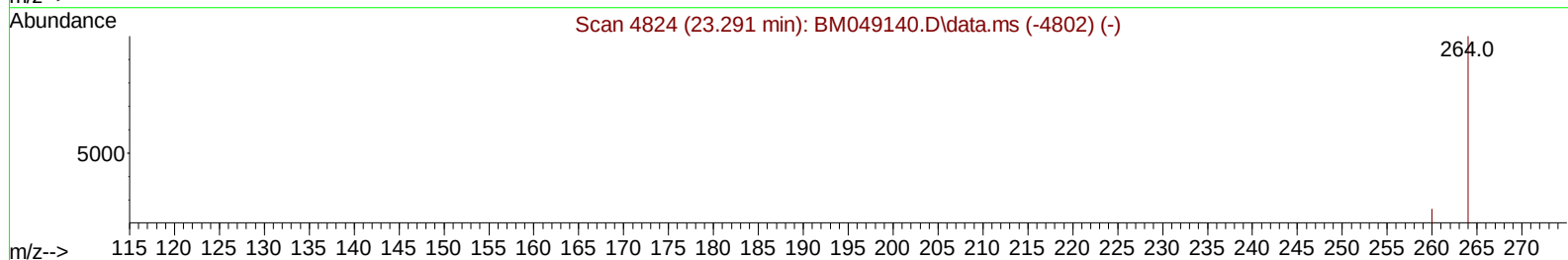
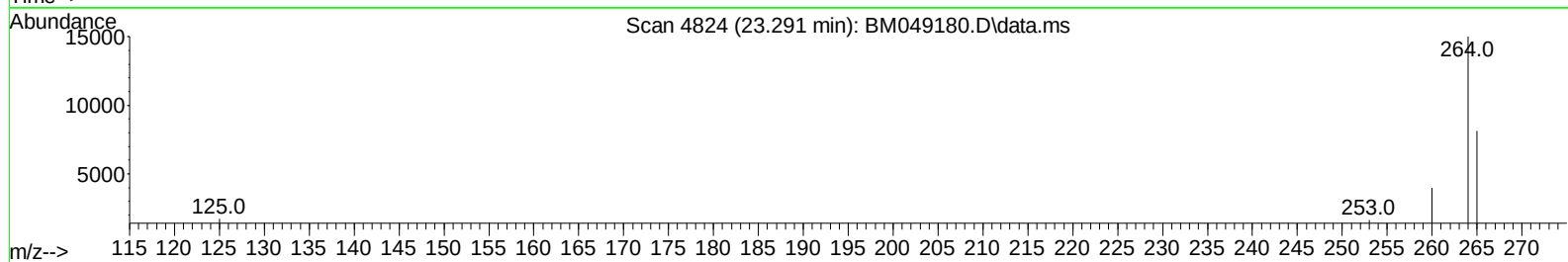
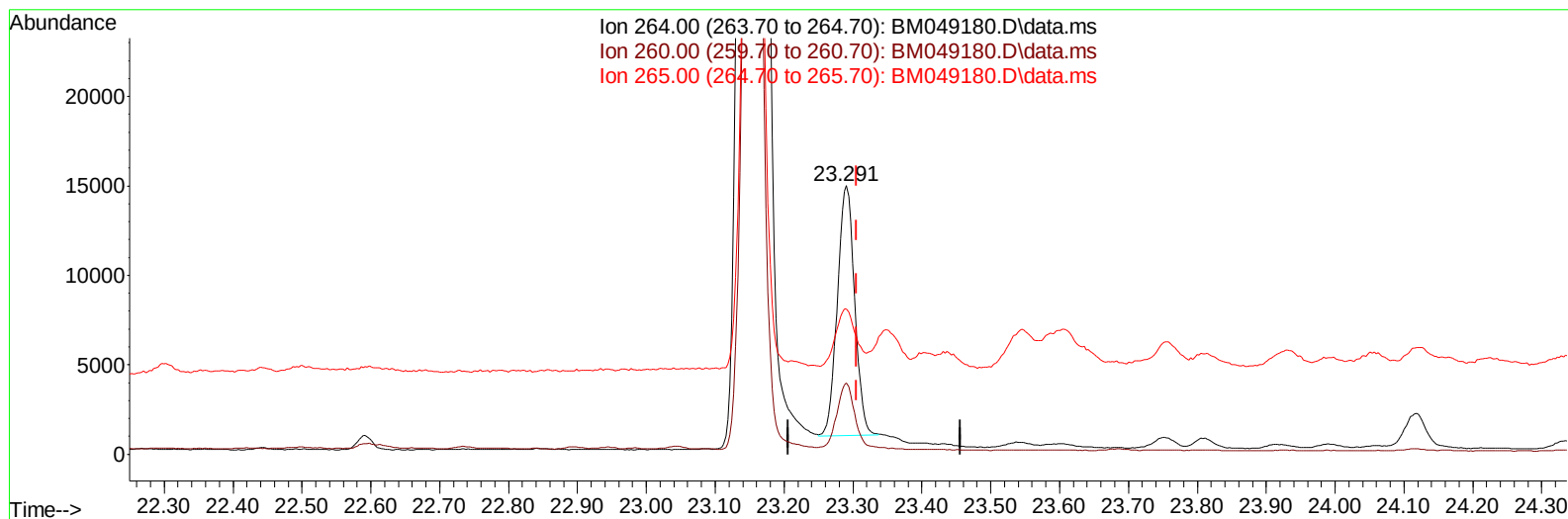
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2912

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049180.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/ul m

response 24350

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.52
265.00	78.30	54.22#
0.00	0.00	0.00

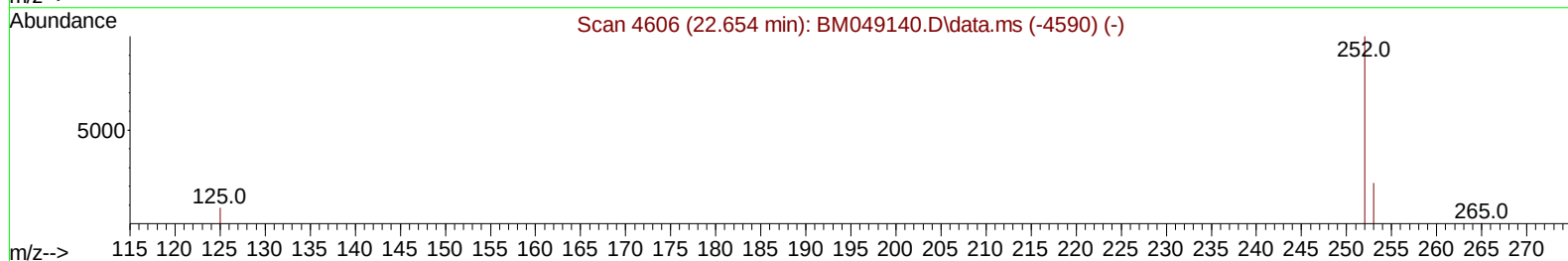
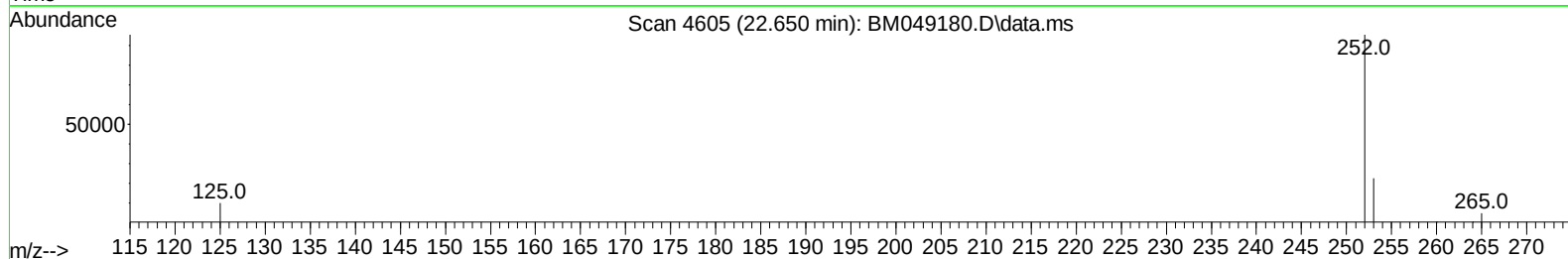
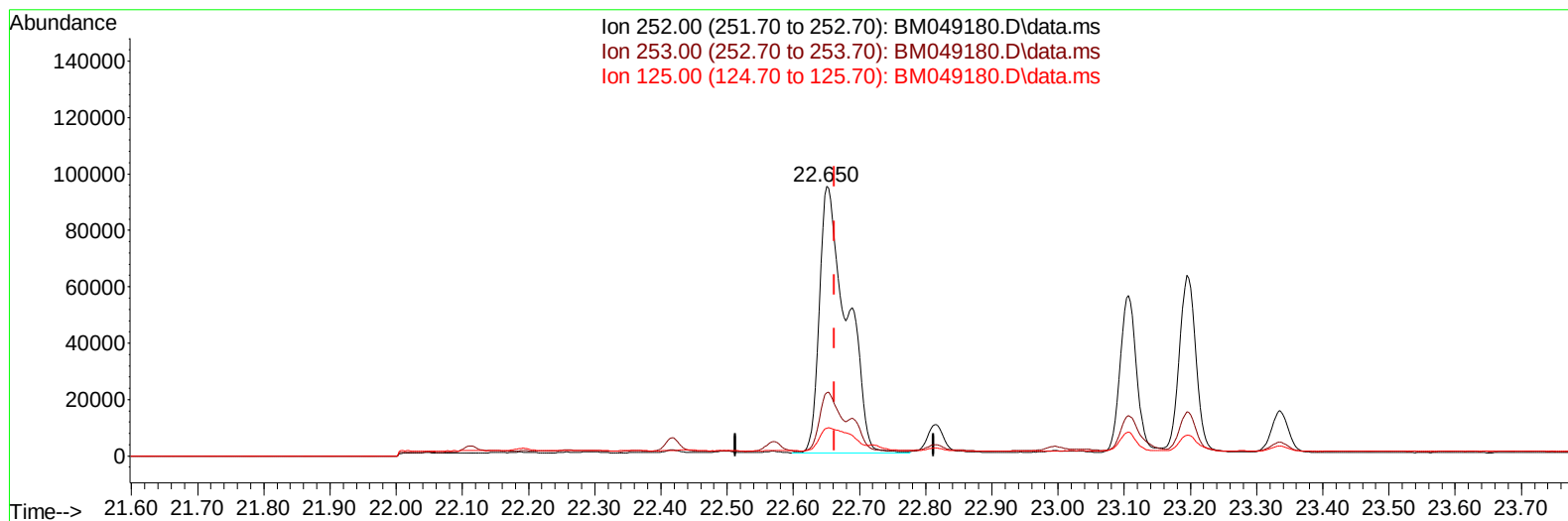
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2912

Manual IntegrationsAPPROVED

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TIC: BM049180.D\data.ms

(24) Benzo(b)fluoranthene

22.650min (-0.012) 3.49 ng/u1

response 271694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.55
125.00	15.40	10.30
0.00	0.00	0.00

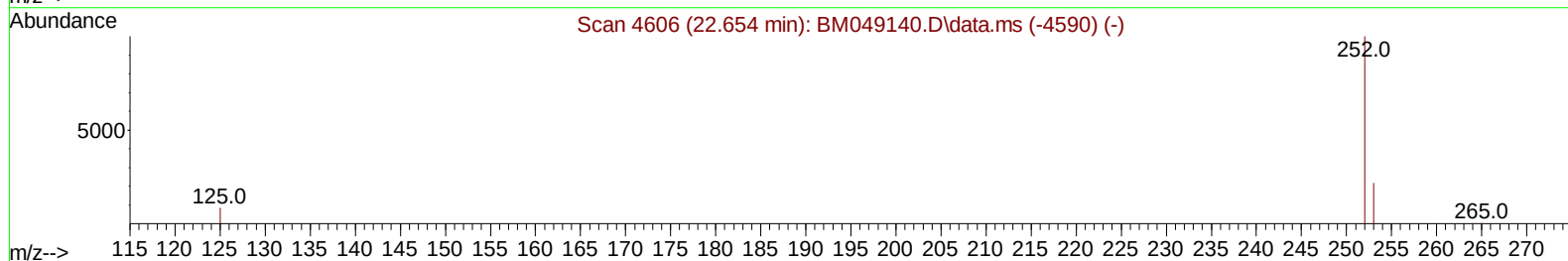
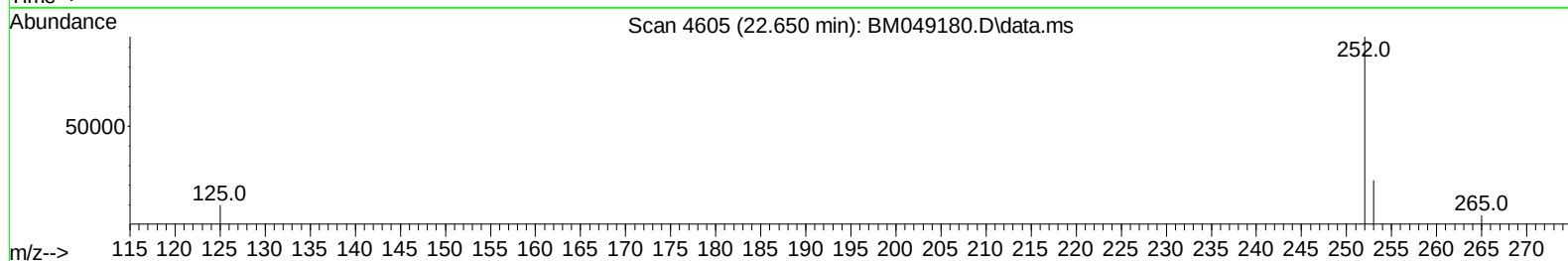
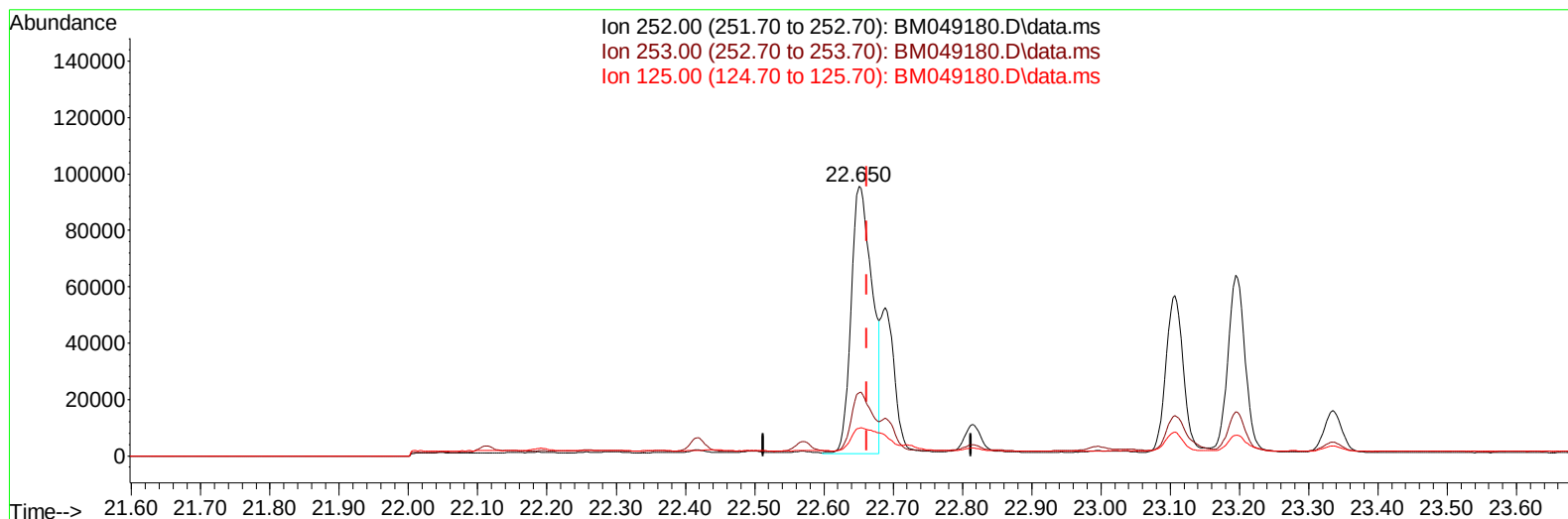
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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TIC: BM049180.D\data.ms

(24) Benzo(b)fluoranthene

22.650min (-0.012) 2.60 ng/ul m

response 202534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.55
125.00	15.40	10.30
0.00	0.00	0.00

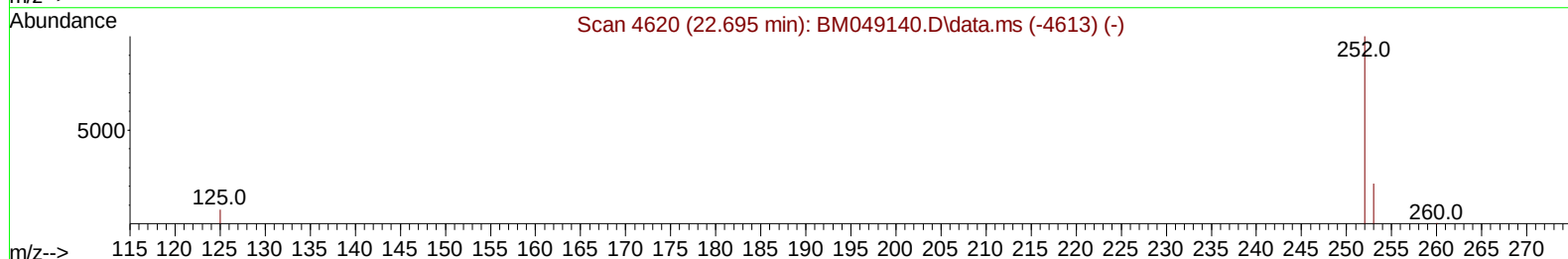
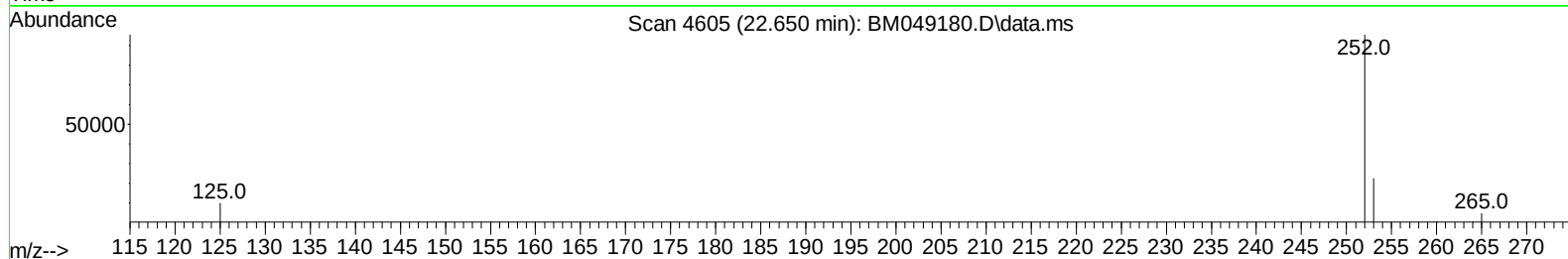
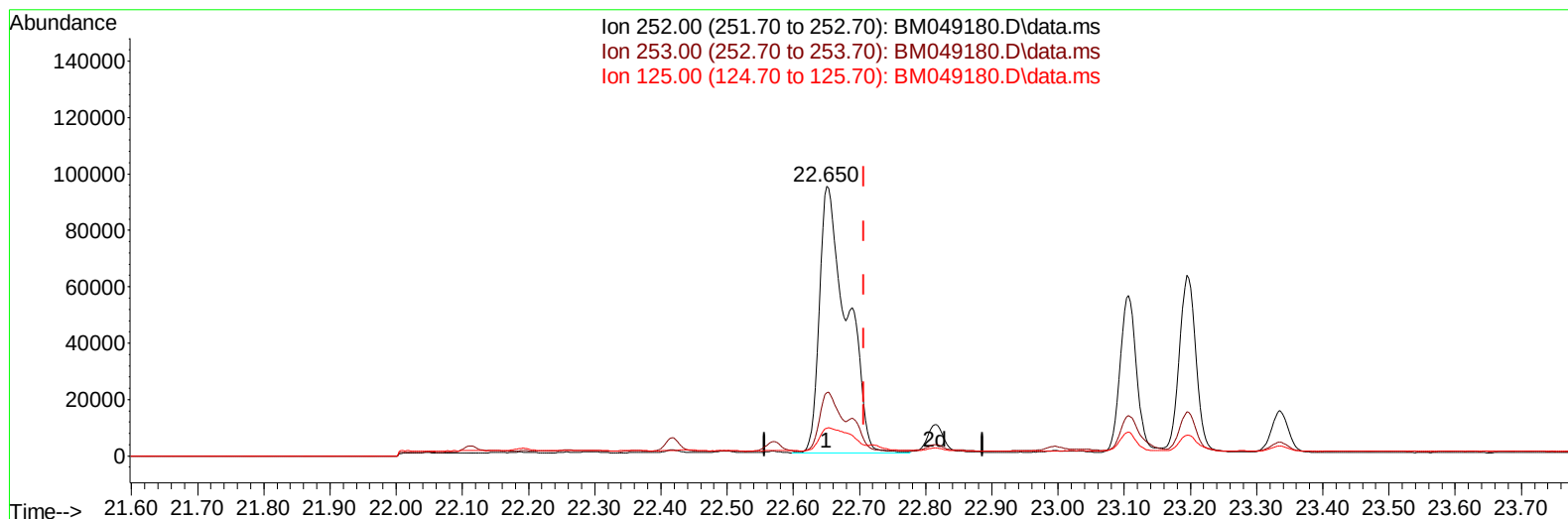
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2912

Manual IntegrationsAPPROVED

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TIC: BM049180.D\data.ms

(25) Benzo(k)fluoranthene

22.650min (-0.056) 3.18 ng/u1

response 271694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	23.55
125.00	15.70	10.30#
0.00	0.00	0.00

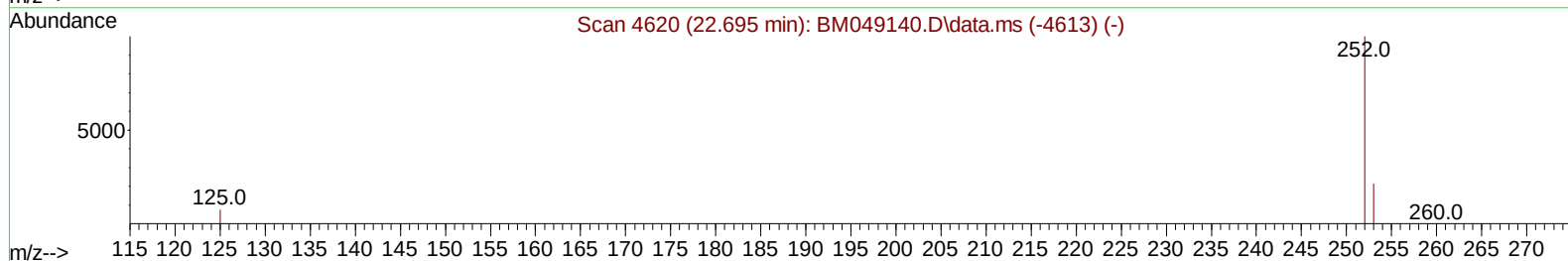
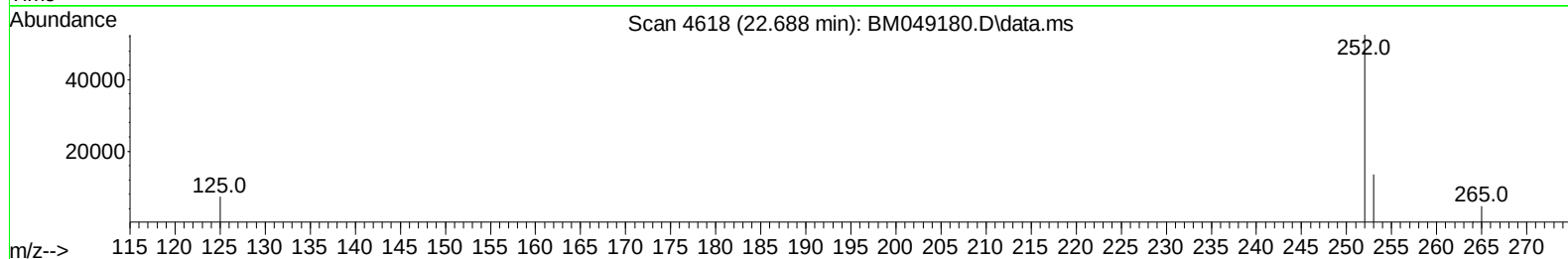
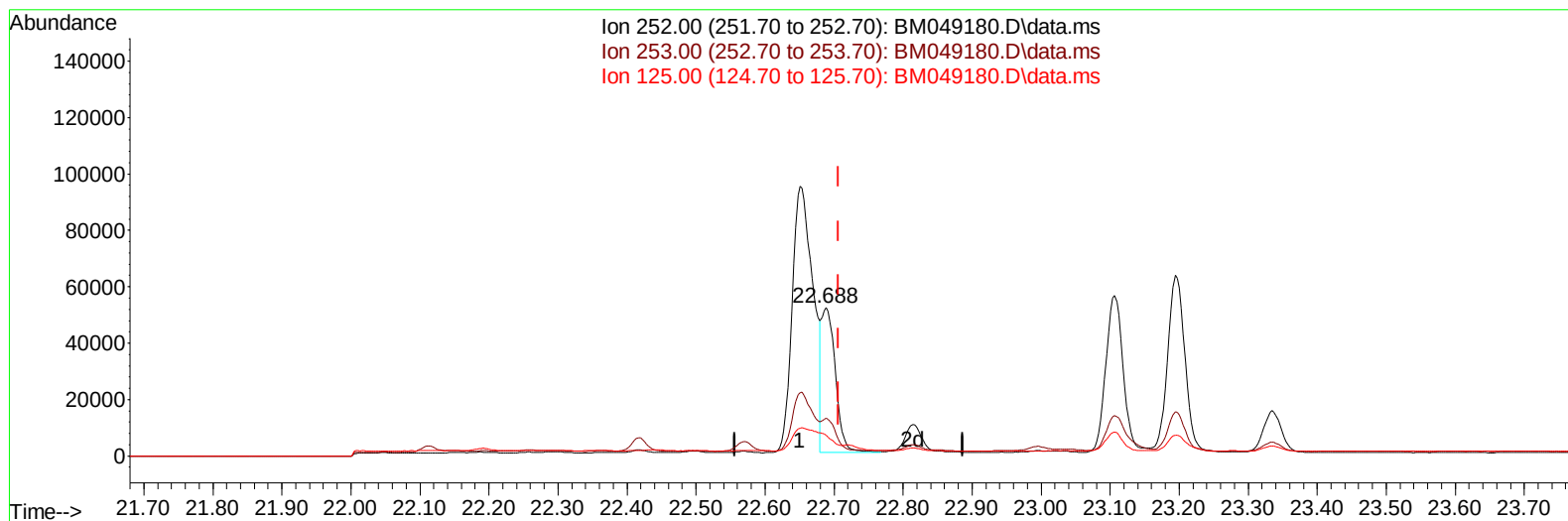
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2912

Manual IntegrationsAPPROVED

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TIC: BM049180.D\data.ms

(25) Benzo(k)fluoranthene

22.688min (-0.018) 0.82 ng/u1 m

response 69851

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.66
125.00	15.70	13.86
0.00	0.00	0.00

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 Sample : P5333-09
 Misc :
 ALS Vial : 44 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	7.548	152	7132	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	22563	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.183	164	12909	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	29905	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	25851	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	24350m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25434	3.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	5173	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	9513	0.130	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.359	128	17417	0.308	ng/ul	97
7) 2-Methylnaphthalene	11.981	142	10572	0.295	ng/ul	95
8) 1-Methylnaphthalene	12.207	142	8673	0.237	ng/ul	99
10) Acenaphthylene	13.905	152	5400	0.101	ng/ul#	58
11) Acenaphthene	14.248	153	11648	0.298	ng/ul	100
12) Fluorene	15.242	166	12876	0.292	ng/ul#	97
15) Phenanthrene	16.976	178	427823	5.477	ng/ul	98
16) Anthracene	17.065	178	30268	0.422	ng/ul	98
19) Fluoranthene	19.002	202	504353	5.396	ng/ul	98
20) Pyrene	19.364	202	371736	3.729	ng/ul	99
21) Benzo(a)anthracene	21.119	228	149953	1.668	ng/ul	97
22) Chrysene	21.172	228	186904	1.937	ng/ul	97
24) Benzo(b)fluoranthene	22.650	252	202534m	2.603	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	69851m	0.818	ng/ul	
26) Benzo(a)pyrene	23.194	252	109091	1.462	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.423	276	89188	0.845	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.430	278	23094	0.282	ng/ul#	89
29) Benzo(g,h,i)perylene	26.074	276	90577	1.067	ng/ul	99

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

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