

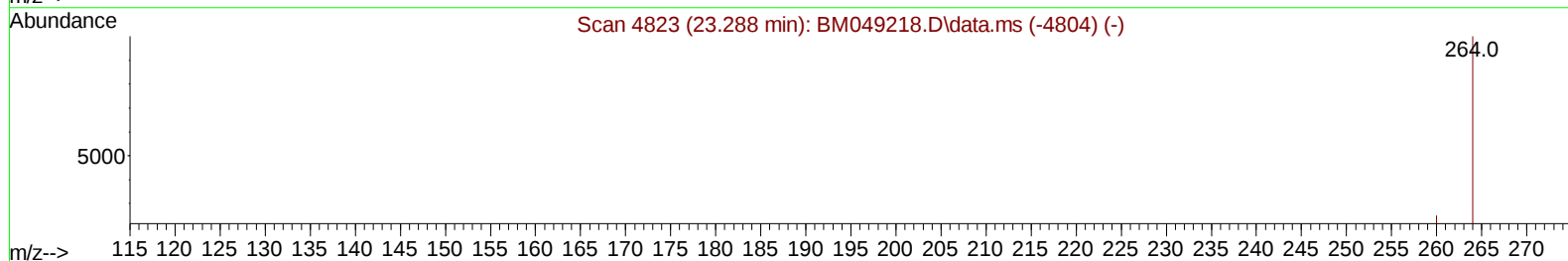
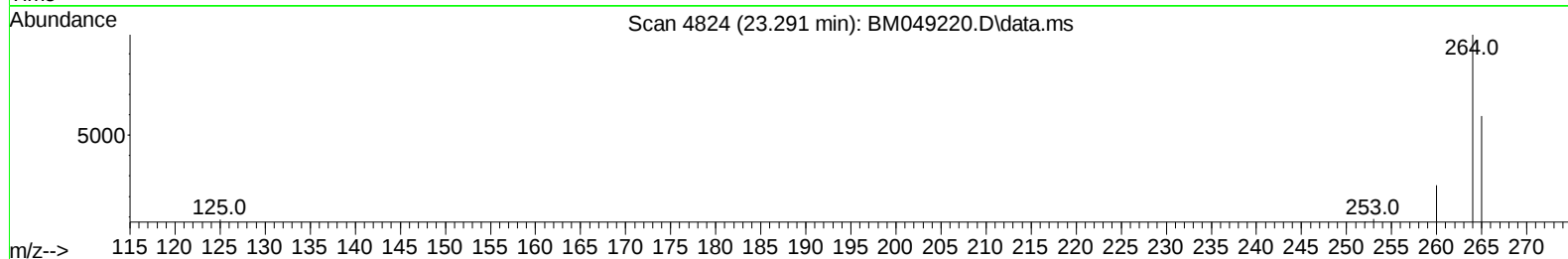
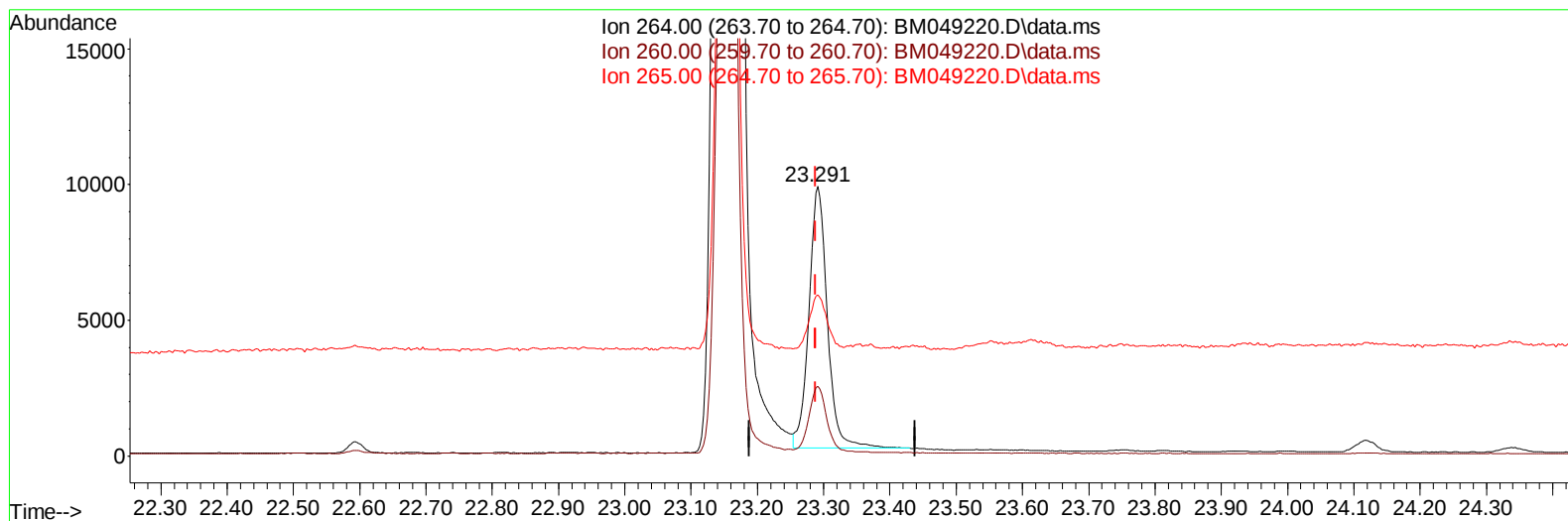
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049220.D\data.ms

(23) Perylene-d12 (I)

23.291min (+ 0.003) 0.40 ng/u1

response 18811

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.79
265.00	78.30	59.71#
0.00	0.00	0.00

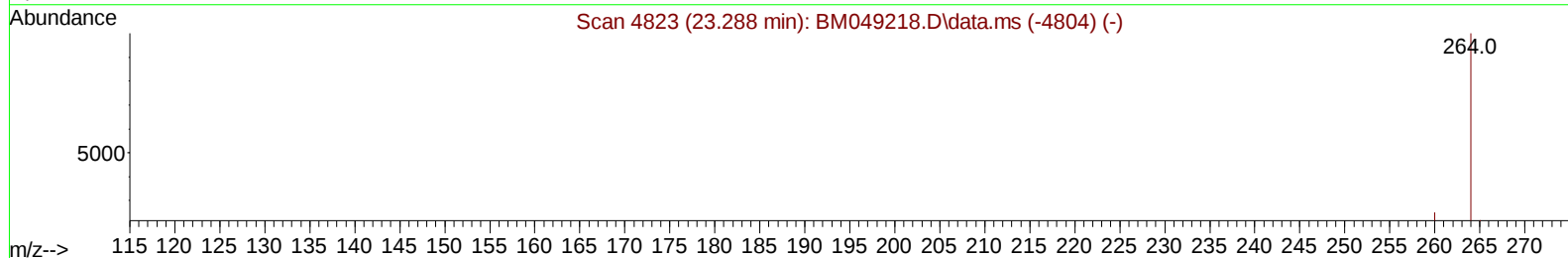
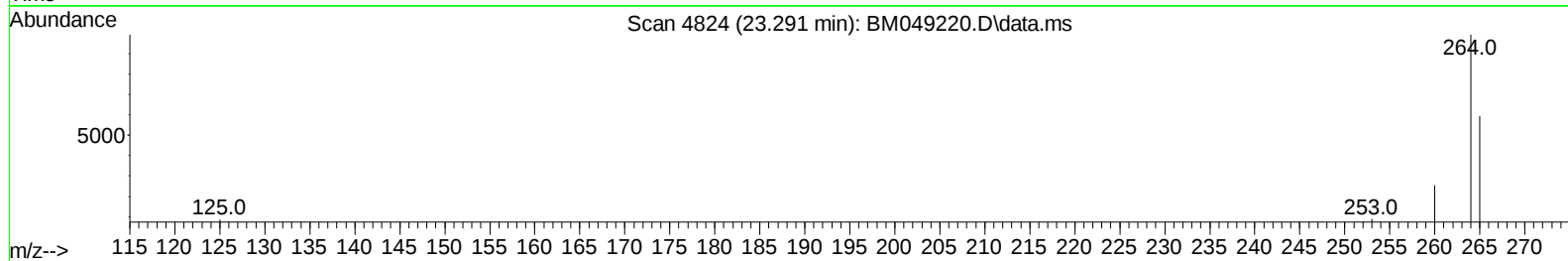
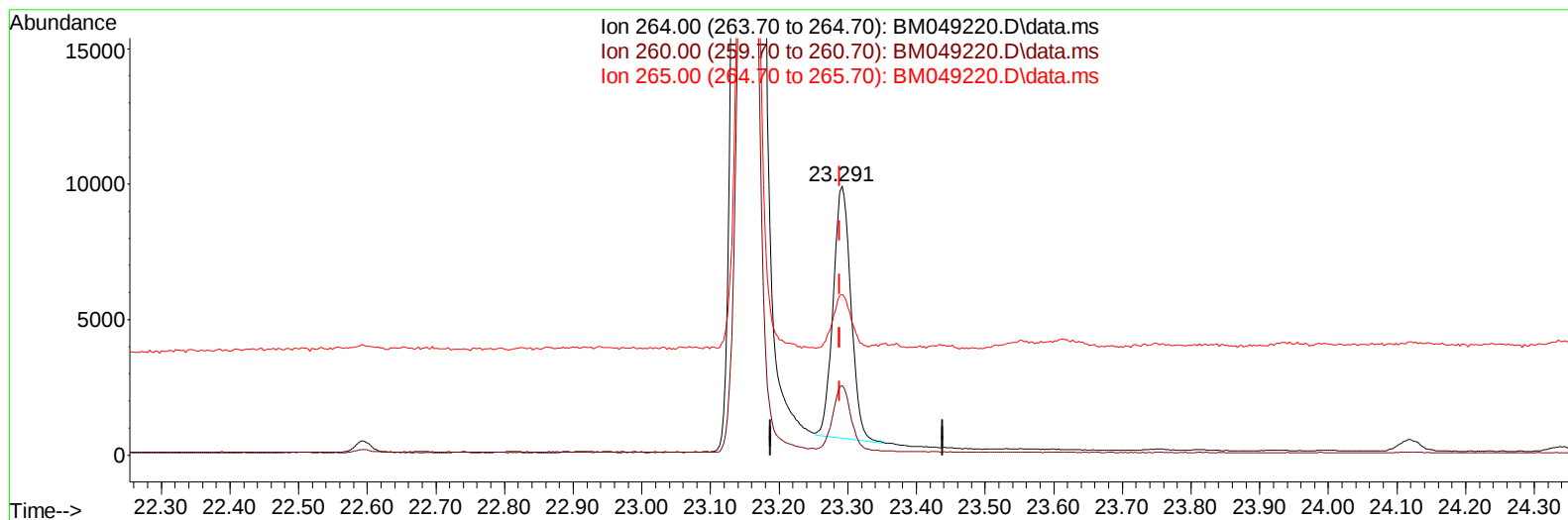
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049220.D\data.ms

(23) Perylene-d12 (I)

23.291min (+ 0.003) 0.40 ng/ul m

response 16695

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.79
265.00	78.30	59.71#
0.00	0.00	0.00

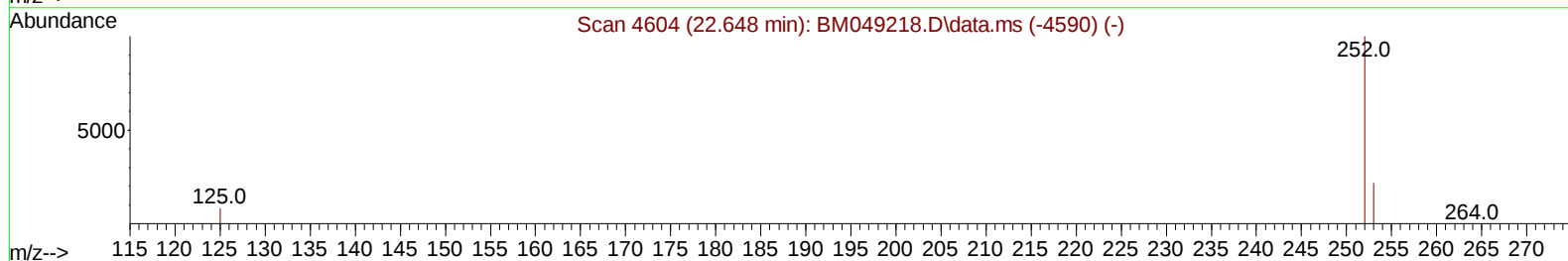
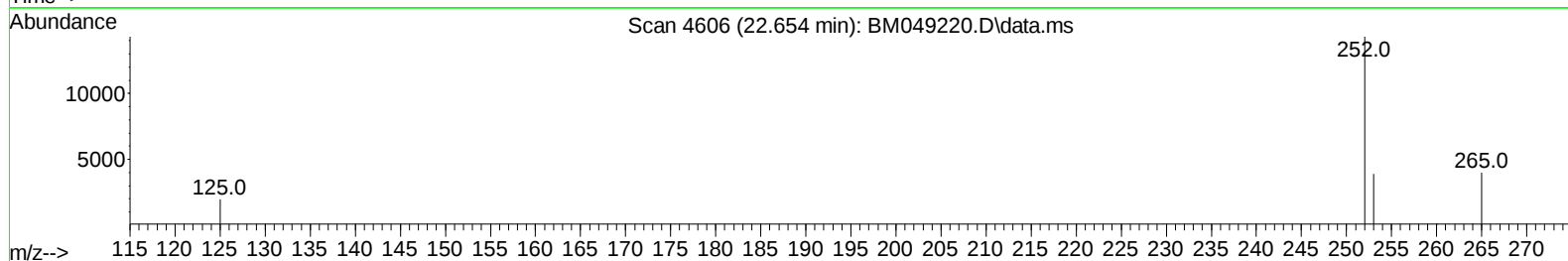
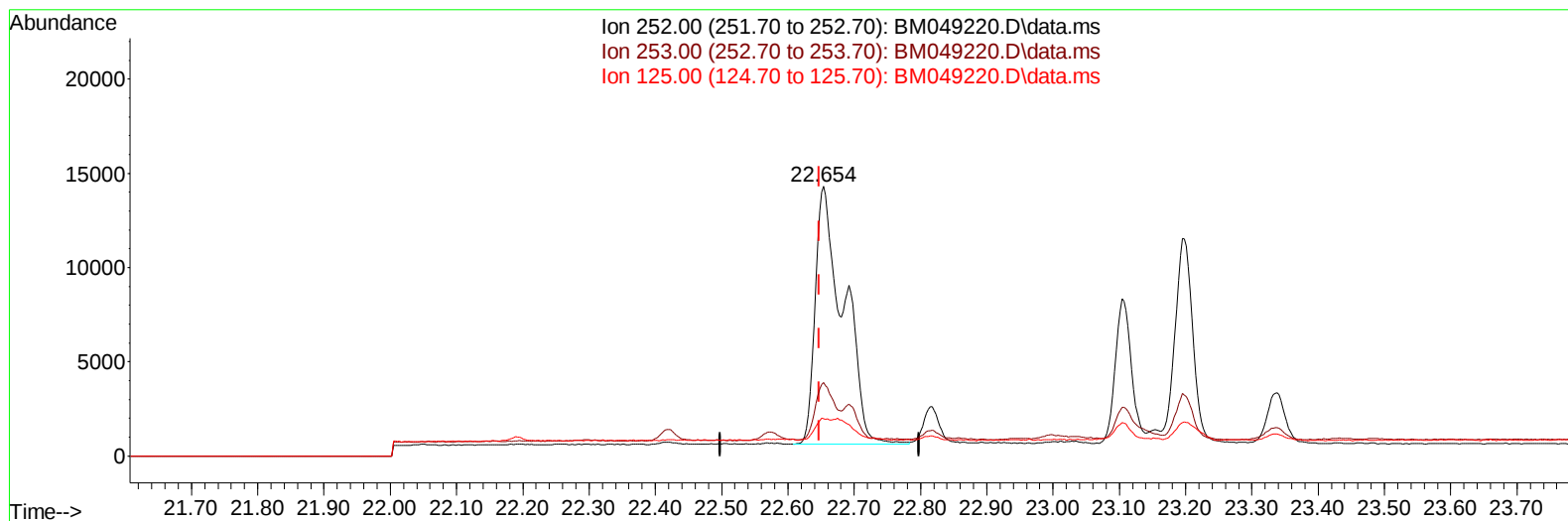
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049220.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (+ 0.006) 0.77 ng/u1

response 40841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	27.36
125.00	15.40	13.80
0.00	0.00	0.00

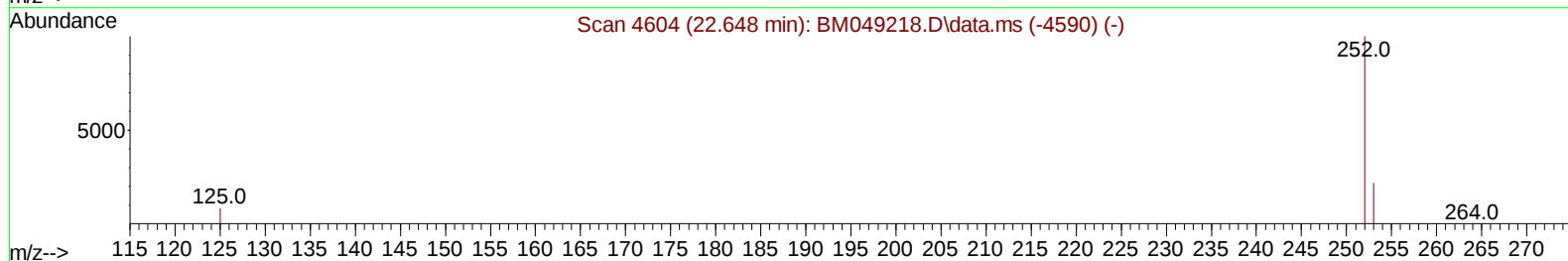
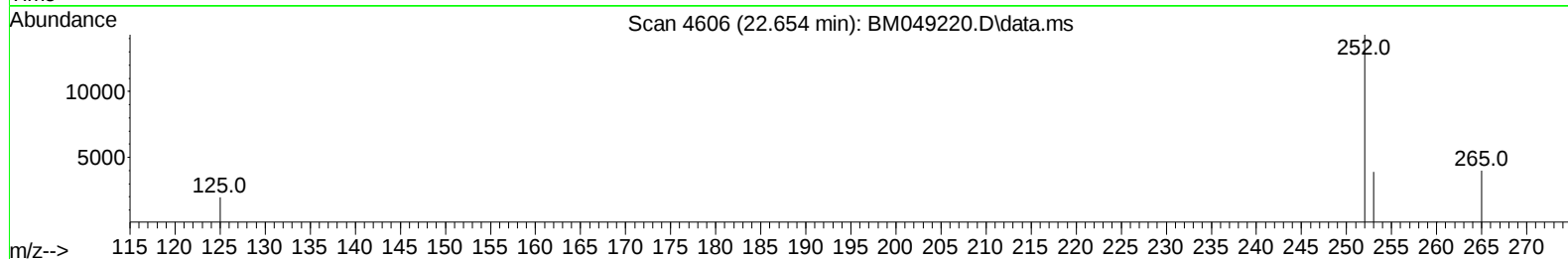
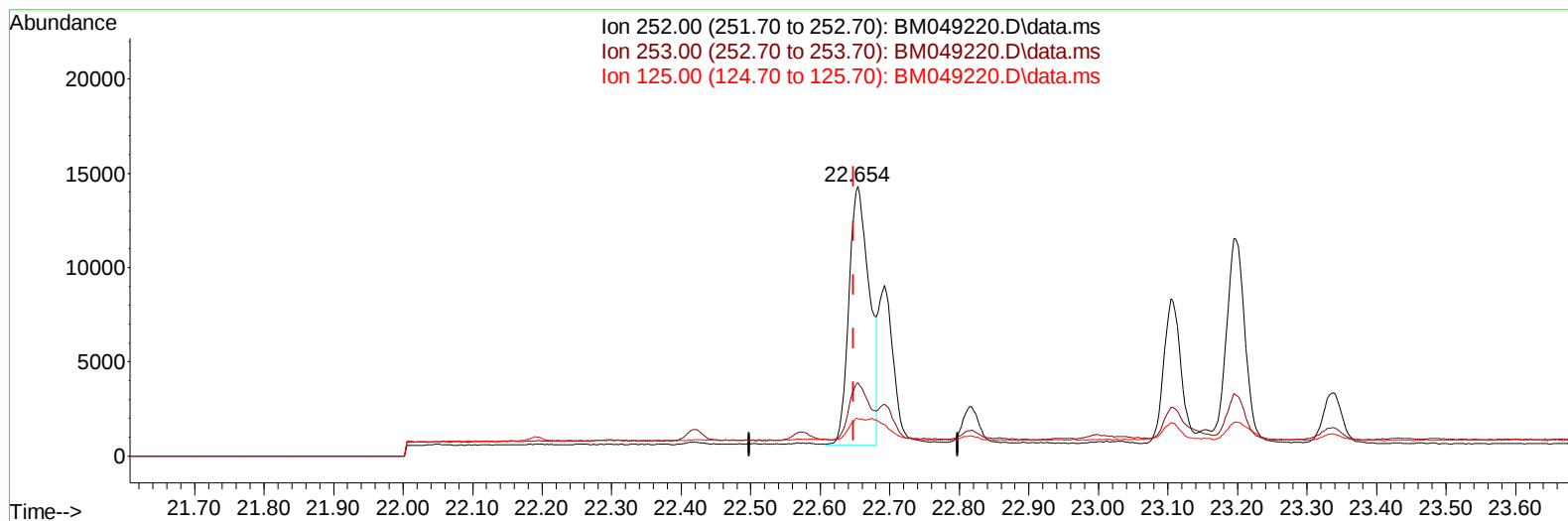
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049220.D
 Acq On : 26 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5333-19DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2921DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration



TIC: BM049220.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (+ 0.006) 0.53 ng/u1 m

response 28145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	27.36
125.00	15.40	13.80
0.00	0.00	0.00

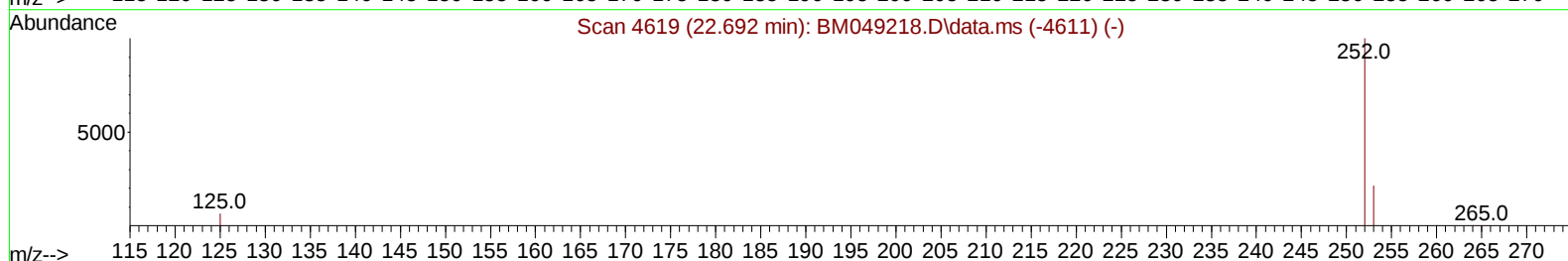
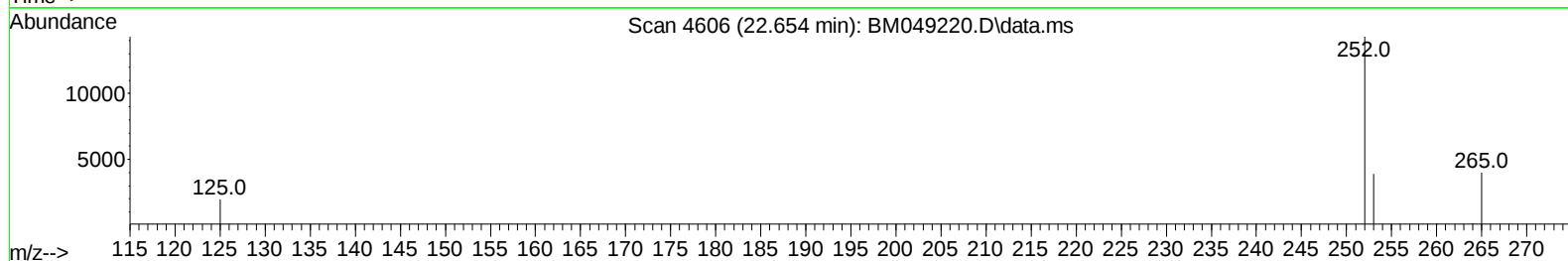
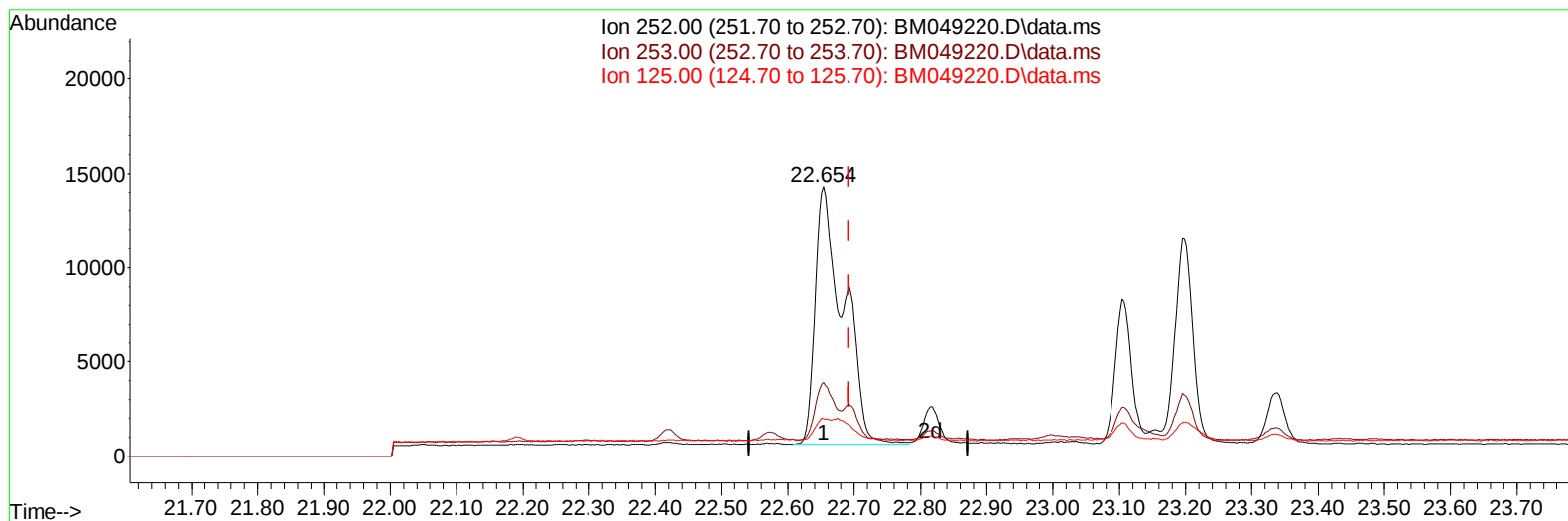
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049220.D\data.ms

(25) Benzo(k)fluoranthene

22.654min (-0.038) 0.70 ng/u1

response 40841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	27.36
125.00	15.70	13.80
0.00	0.00	0.00

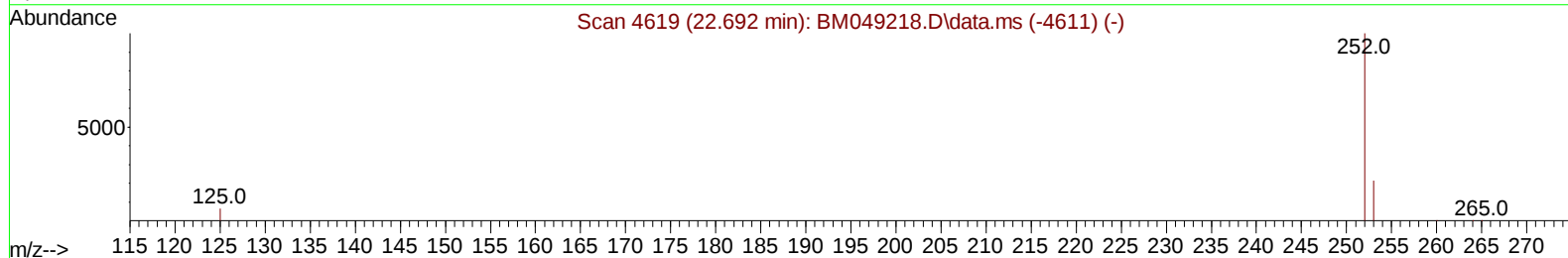
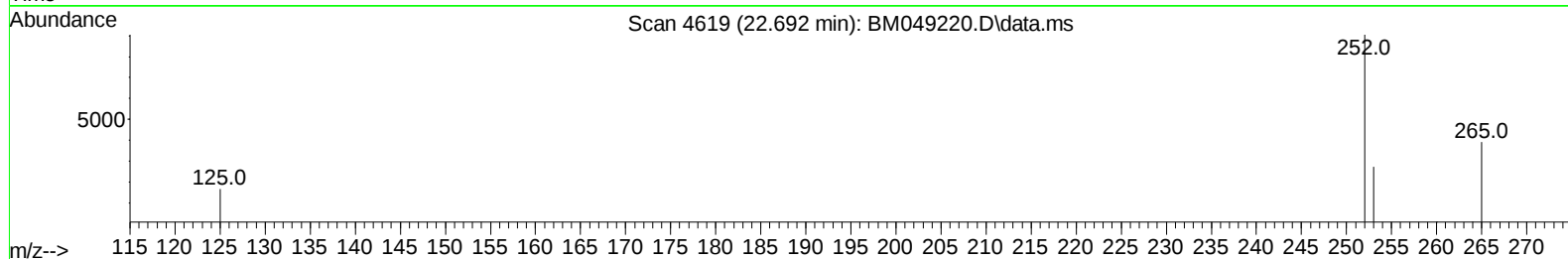
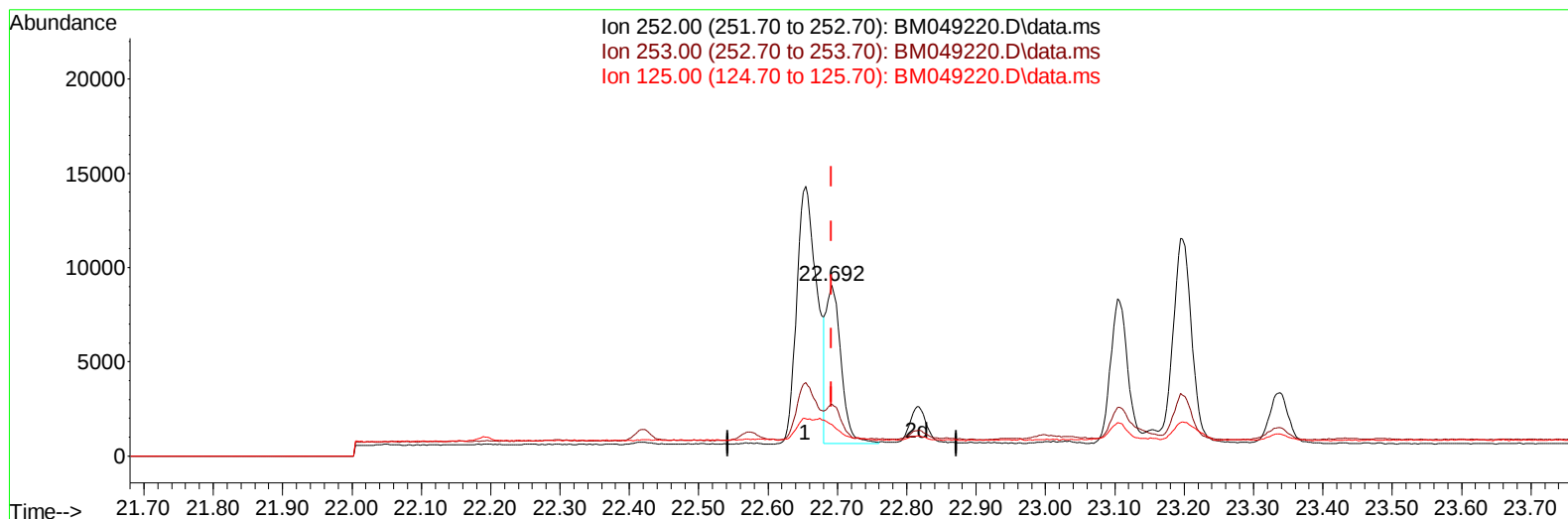
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



TIC: BM049220.D\data.ms

(25) Benzo(k)fluoranthene

22.692min (+ 0.000) 0.21 ng/u1 m

response 12550

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	30.36
125.00	15.70	18.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049220.D
 Acq On : 26 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5333-19DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2921DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	13766	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.186	164	7603	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	16659	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	15431	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16695m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	10330	1.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	2044	0.110	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	4104	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	710	0.021	ng/ul#	63
7) 2-Methylnaphthalene	11.986	142	552	0.025	ng/ul	96
10) Acenaphthylene	13.899	152	1198	0.038	ng/ul#	80
11) Acenaphthene	14.246	153	1208	0.053	ng/ul	96
12) Fluorene	15.241	166	1464	0.056	ng/ul#	97
15) Phenanthrene	16.975	178	17231	0.396	ng/ul	100
16) Anthracene	17.064	178	5284	0.132	ng/ul	95
19) Fluoranthene	19.001	202	40871	0.733	ng/ul	99
20) Pyrene	19.363	202	36740	0.617	ng/ul	98
21) Benzo(a)anthracene	21.120	228	20776	0.387	ng/ul	99
22) Chrysene	21.173	228	20841	0.362	ng/ul	97
24) Benzo(b)fluoranthene	22.654	252	28145m	0.528	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	12550m	0.214	ng/ul	
26) Benzo(a)pyrene	23.195	252	20250	0.396	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.427	276	17974	0.248	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.437	278	5823	0.104	ng/ul#	84
29) Benzo(g,h,i)perylene	26.074	276	17515	0.301	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049220.D
Acq On : 26 Dec 2024 11:29
Operator : RC/JU
Sample : P5333-19DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2921DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 22:50:06 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 : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

