

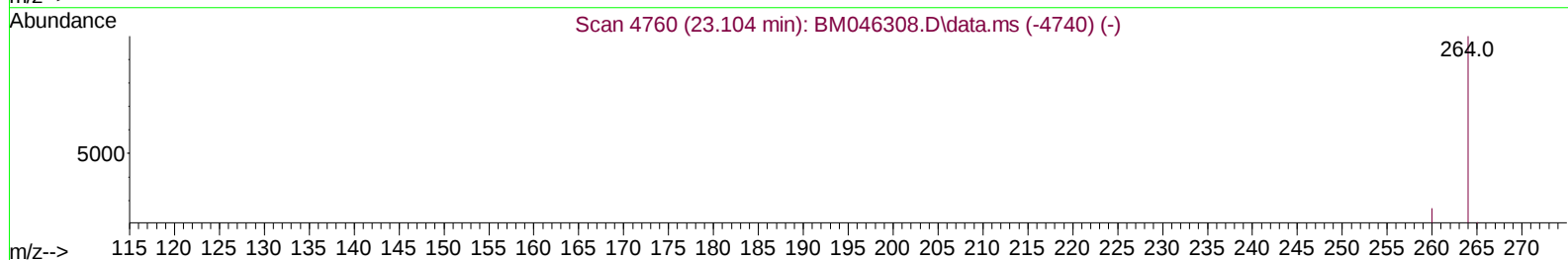
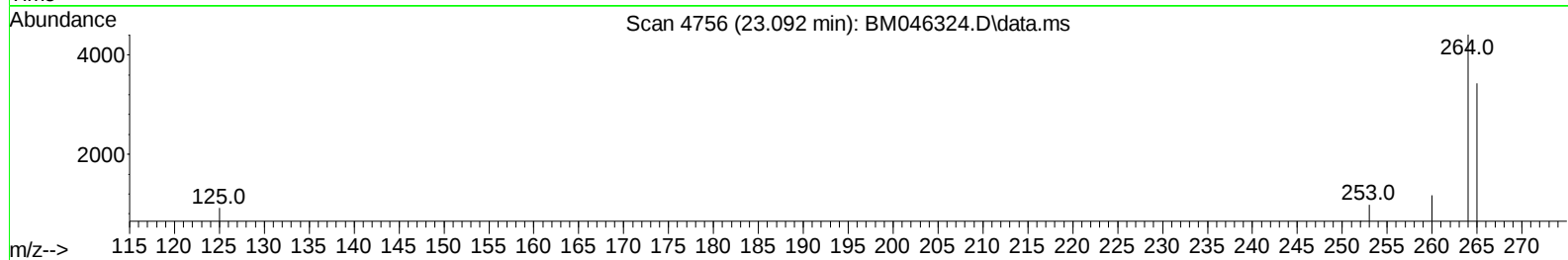
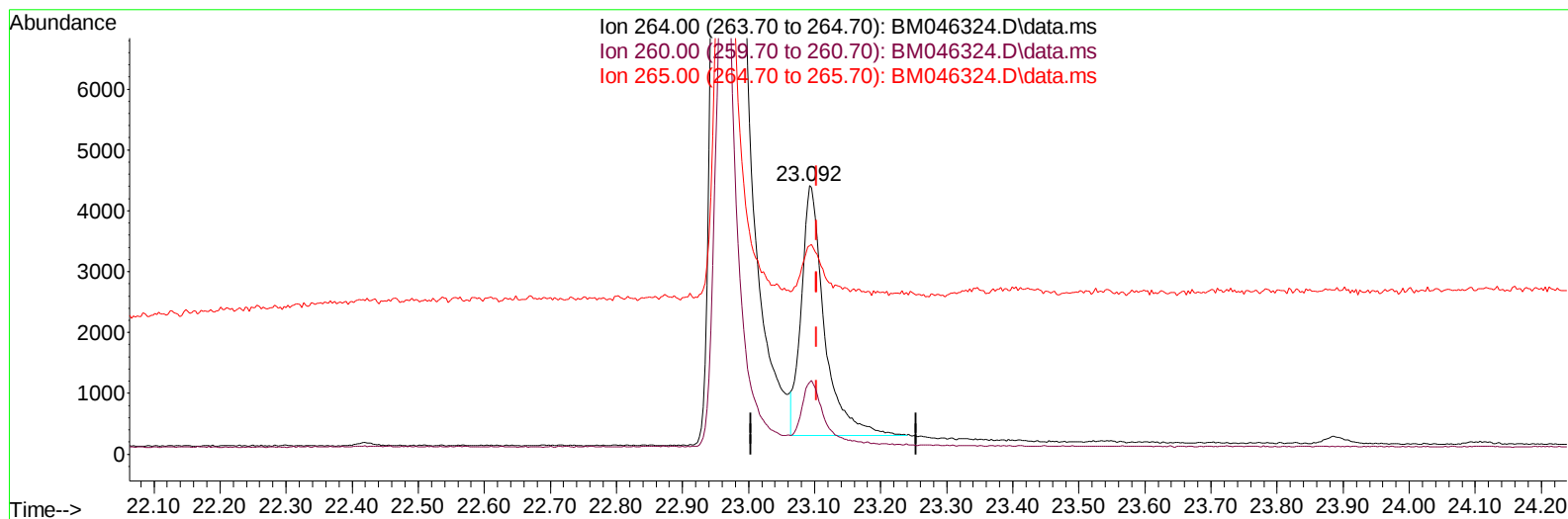
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 13:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046324.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.011) 0.40 ng/u1

response 10067

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.80
265.00	110.60	77.65#
0.00	0.00	0.00

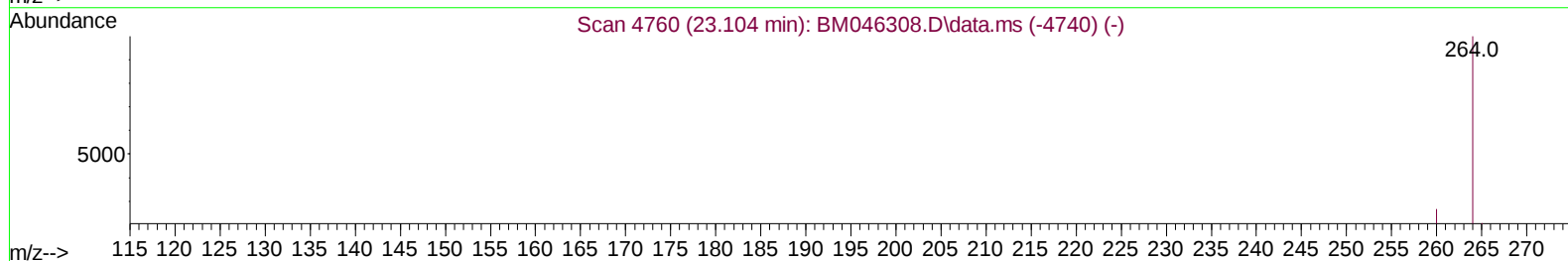
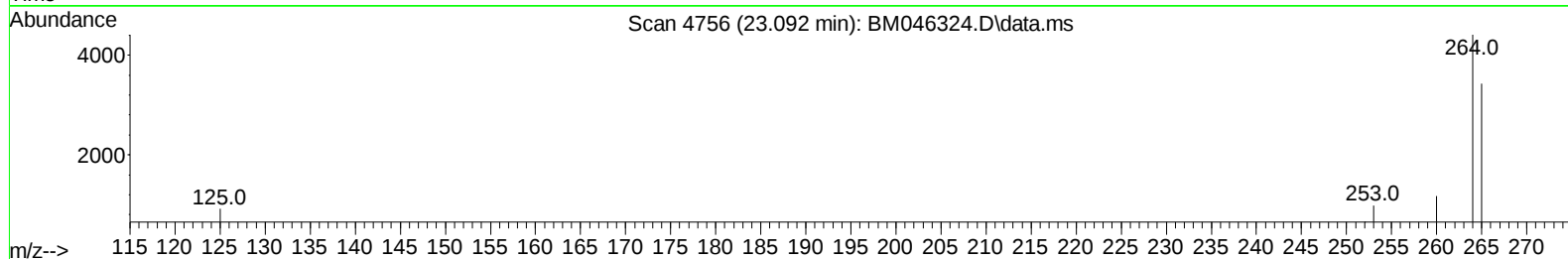
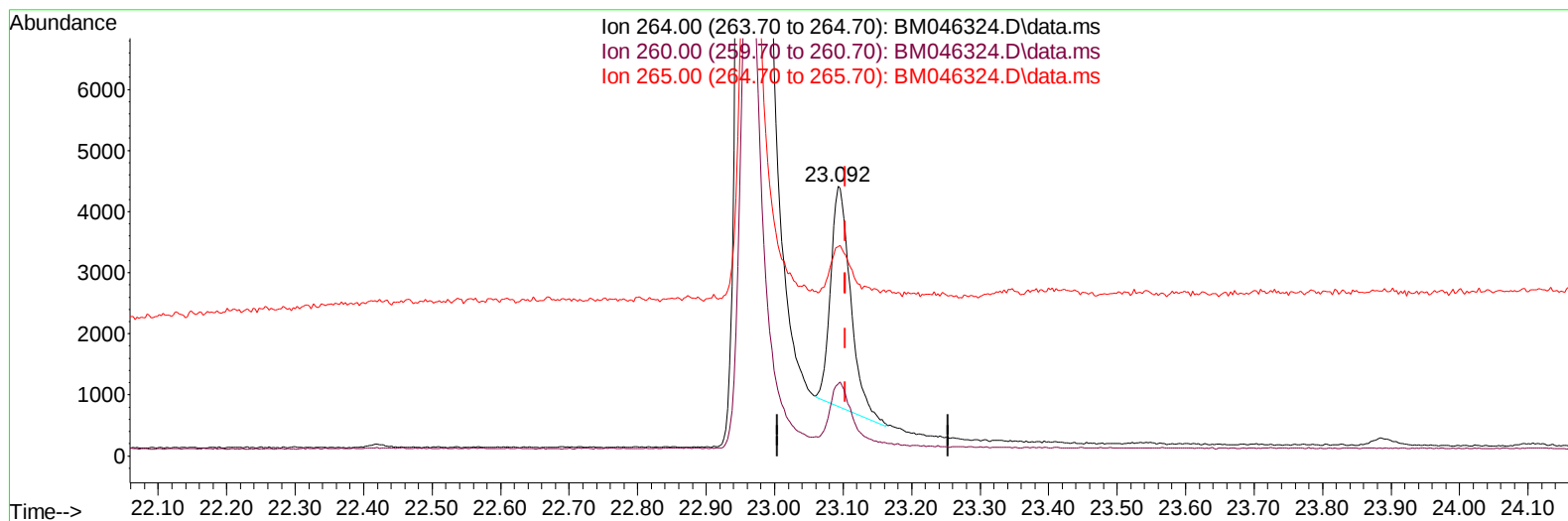
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
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ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

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TIC: BM046324.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.011) 0.40 ng/ul m

response 7267

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.80
265.00	110.60	77.65#
0.00	0.00	0.00

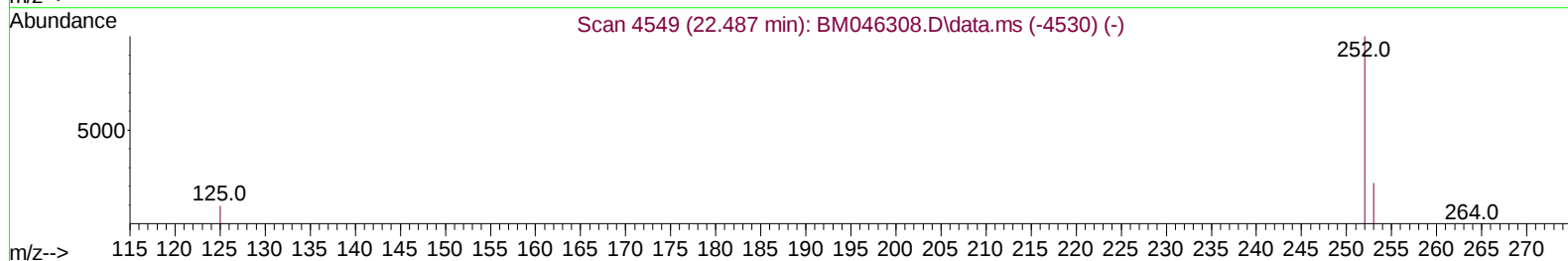
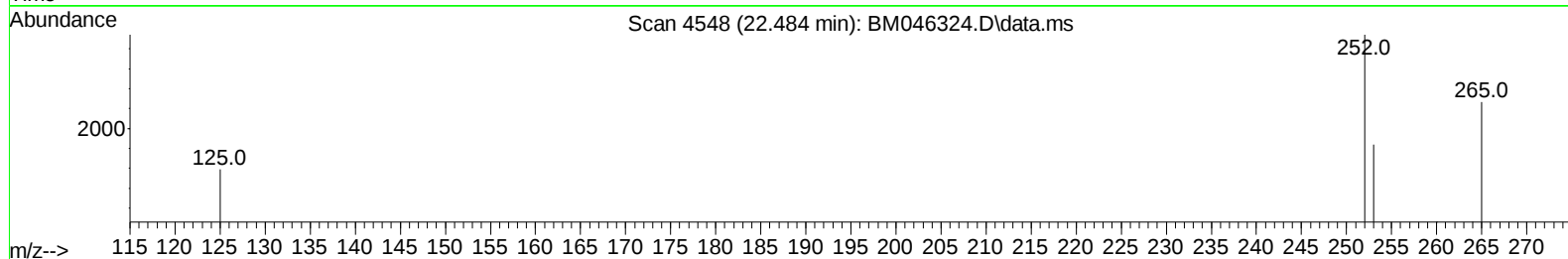
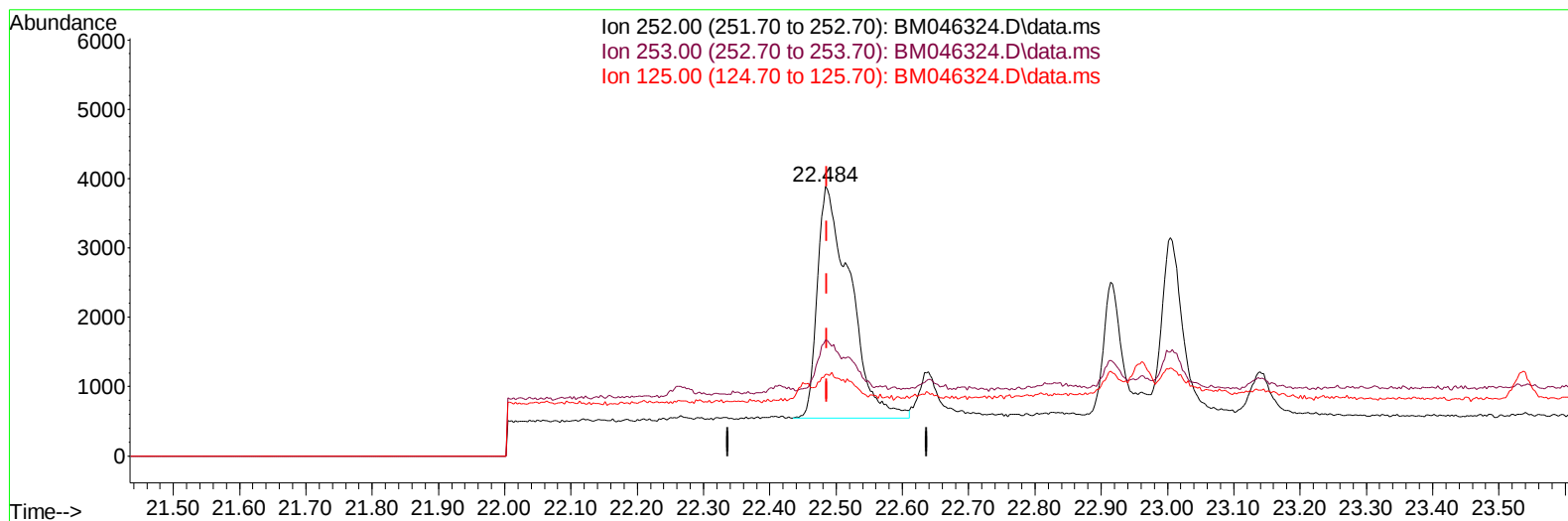
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

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TIC: BM046324.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.003) 0.44 ng/u1

response 11449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	43.13
125.00	20.10	30.26
0.00	0.00	0.00

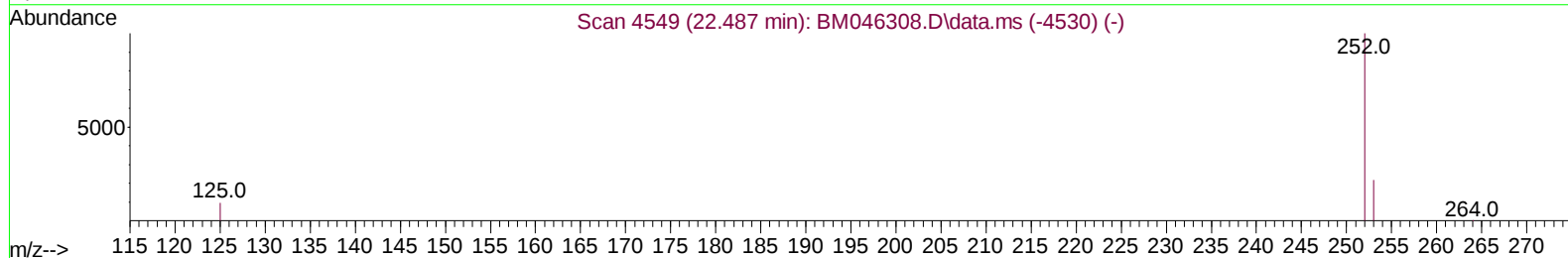
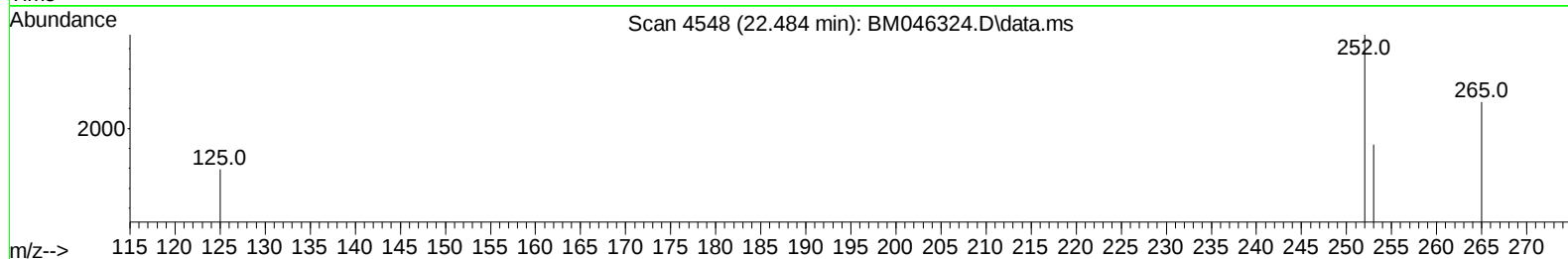
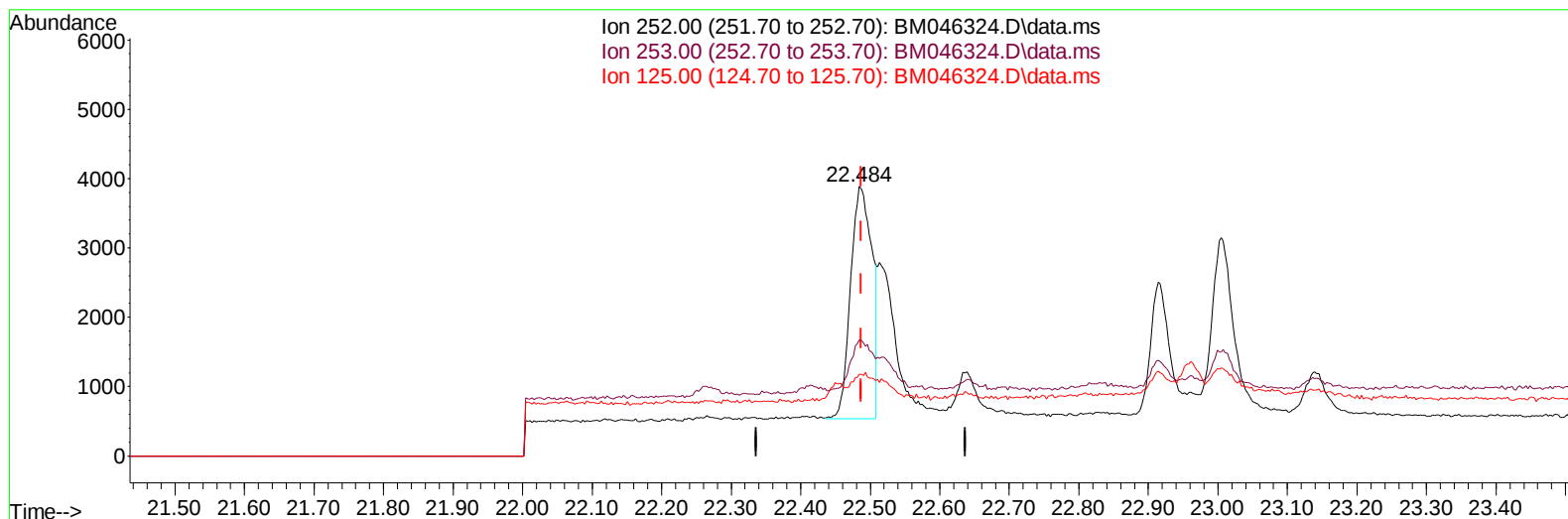
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 13:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration



TIC: BM046324.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.003) 0.27 ng/u1 m

response 7131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	43.13
125.00	20.10	30.26
0.00	0.00	0.00

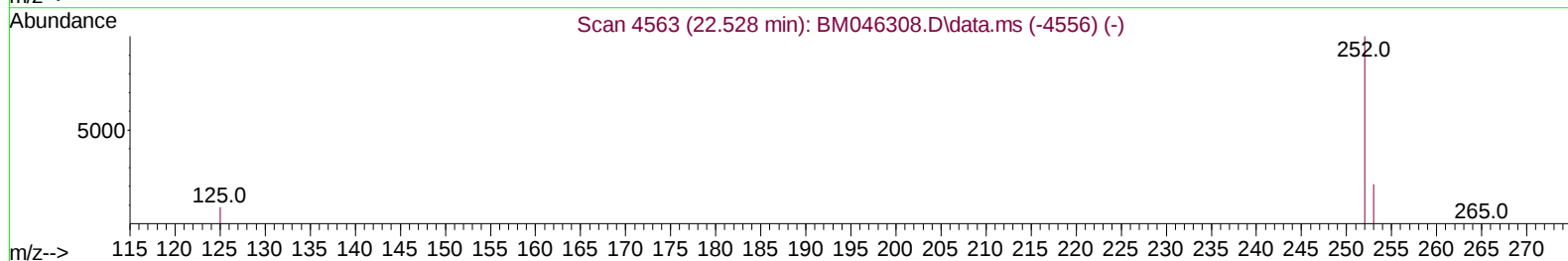
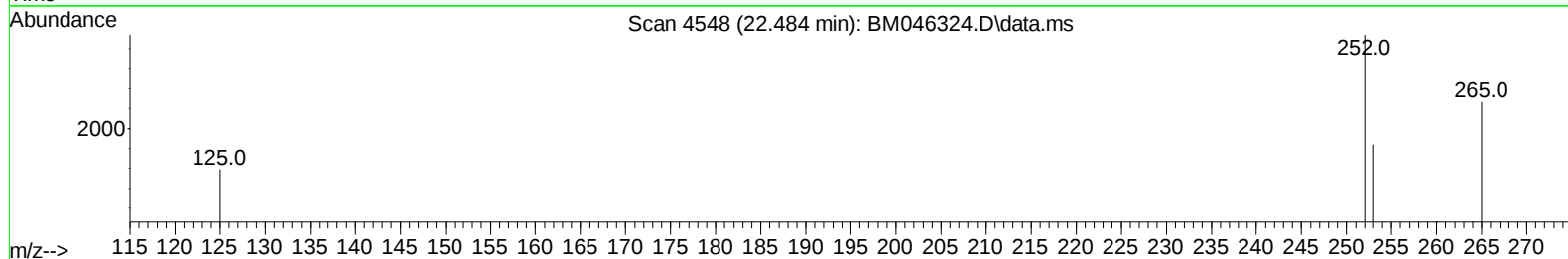
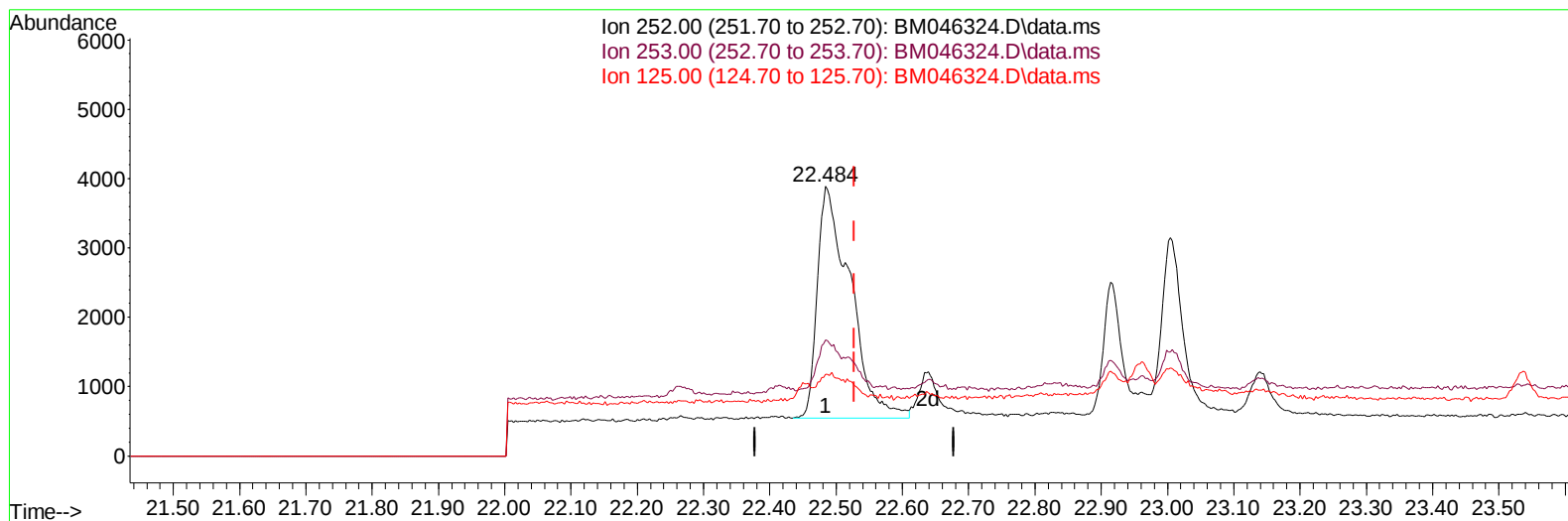
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 13:31:46 2024
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TIC: BM046324.D\data.ms

(25) Benzo(k)fluoranthene

22.484min (-0.043) 0.37 ng/u1

response 11449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	43.13#
125.00	20.80	30.26#
0.00	0.00	0.00

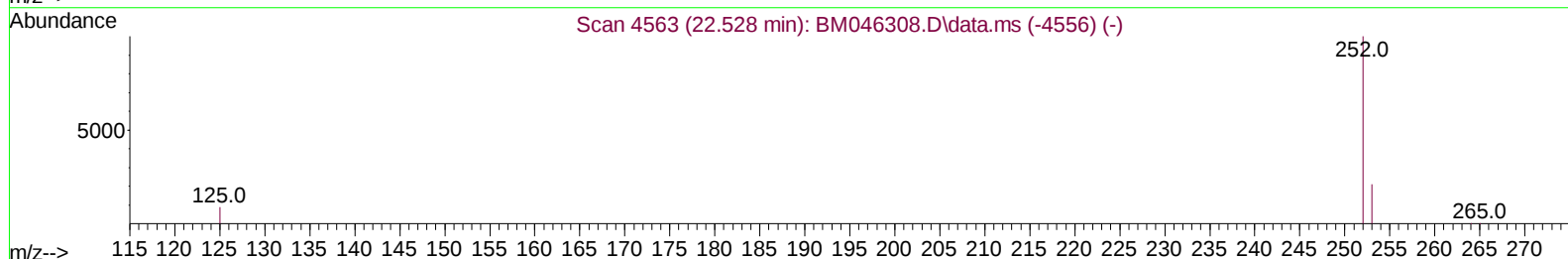
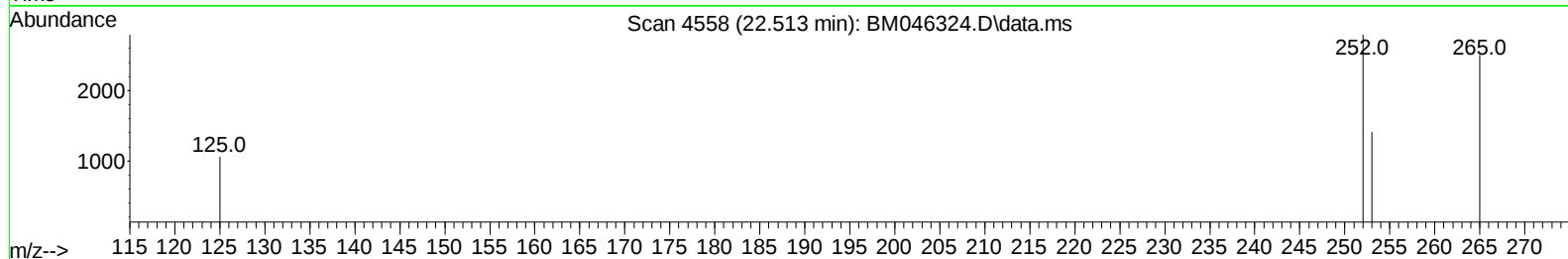
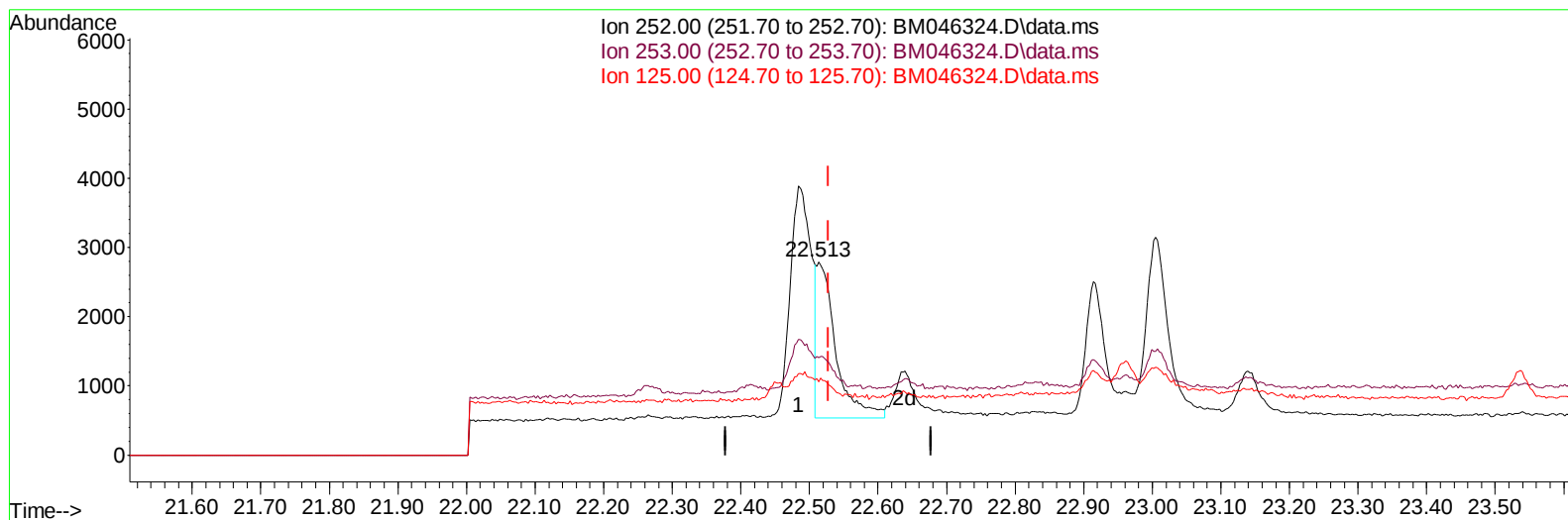
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 13:31:46 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046324.D\data.ms

(25) Benzo(k)fluoranthene

22.513min (-0.014) 0.14 ng/u1 m

response 4430

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	50.50#
125.00	20.80	38.07#
0.00	0.00	0.00

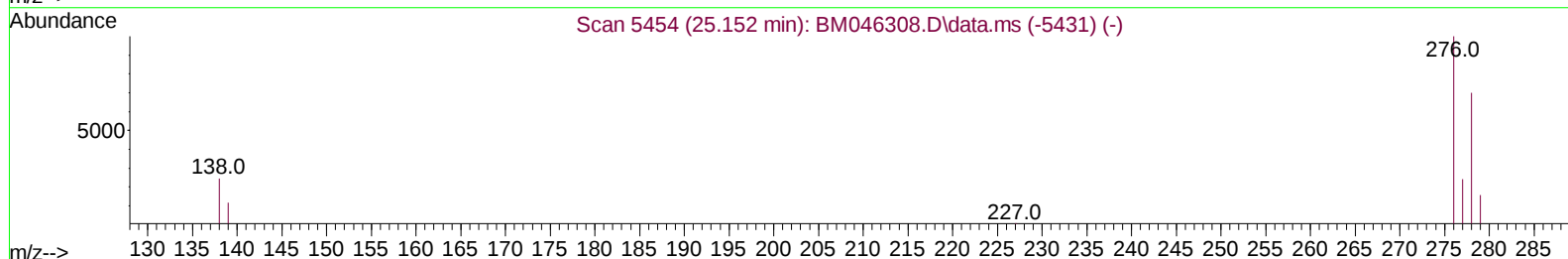
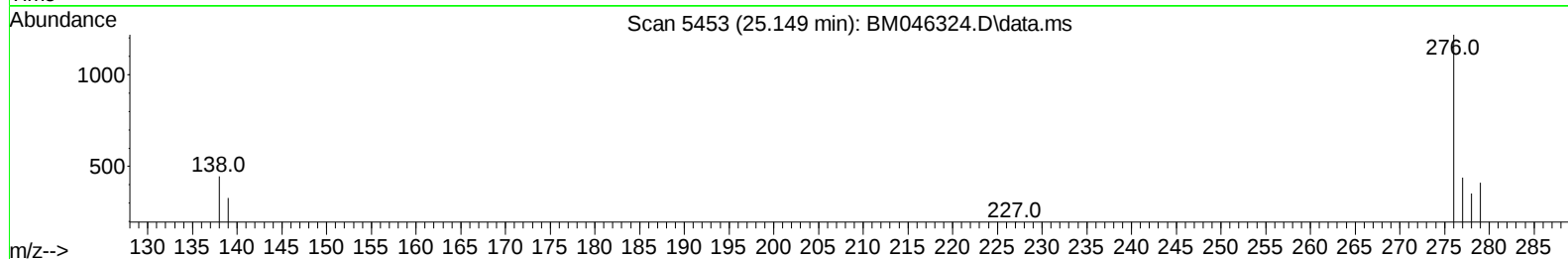
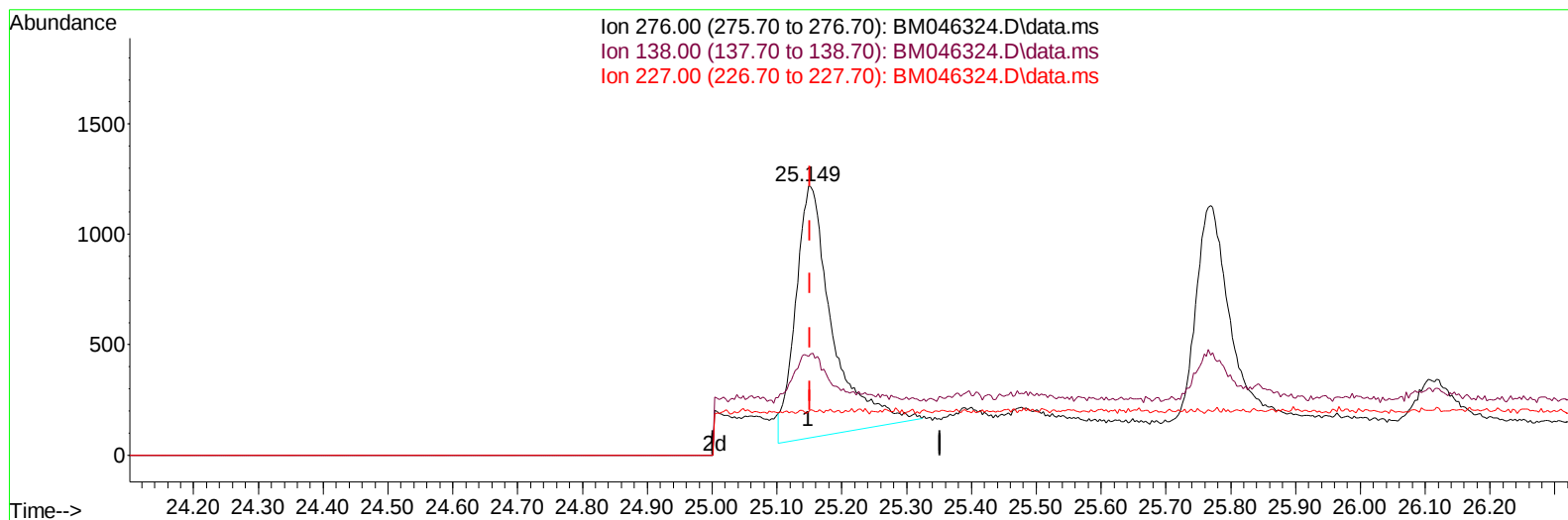
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

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TIC: BM046324.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.149min (-0.003) 0.11 ng/u1

response 4536

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	125.55#
227.00	0.00	0.00
0.00	0.00	0.00

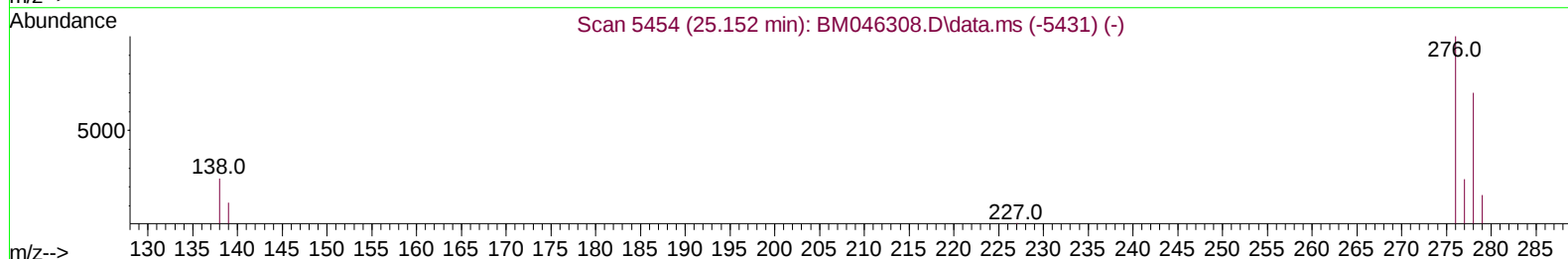
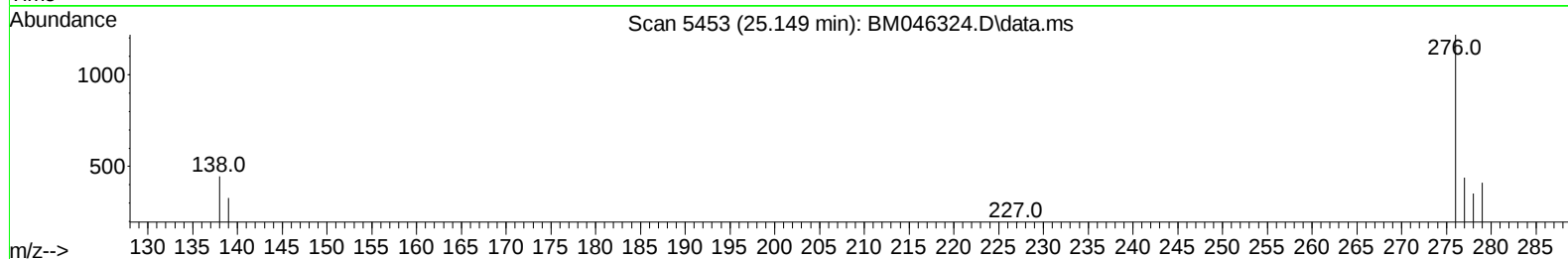
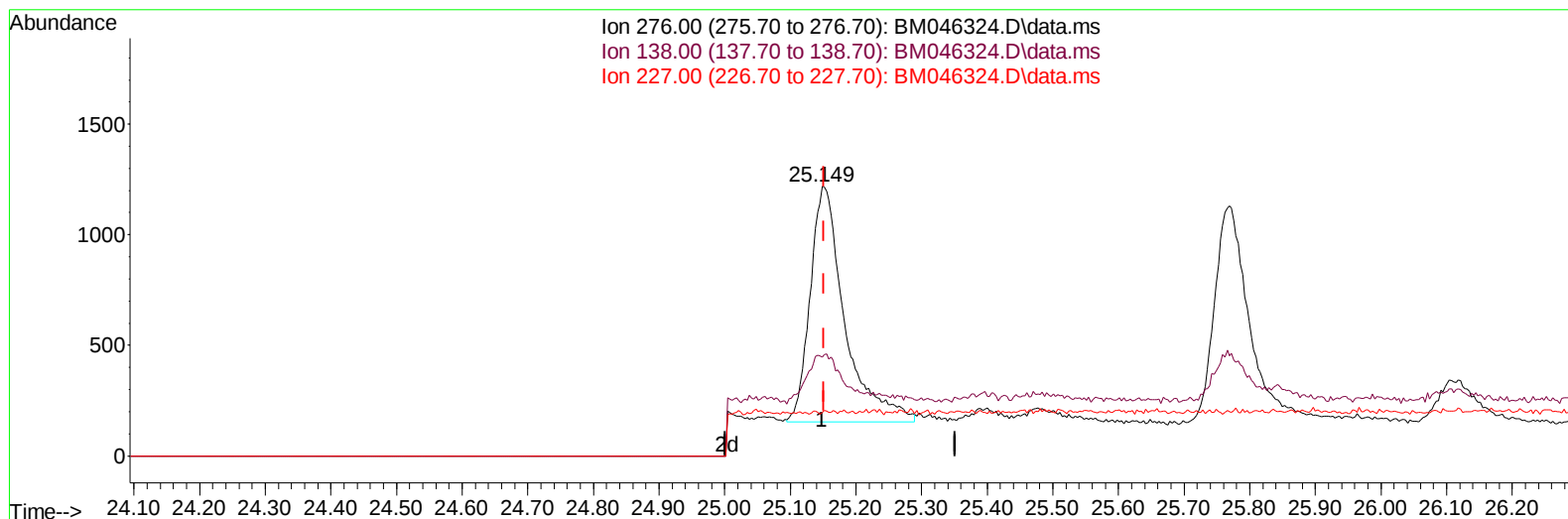
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 13:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046324.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.149min (-0.003) 0.10 ng/u1 m

response 3886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	146.55#
227.00	0.00	0.00
0.00	0.00	0.00

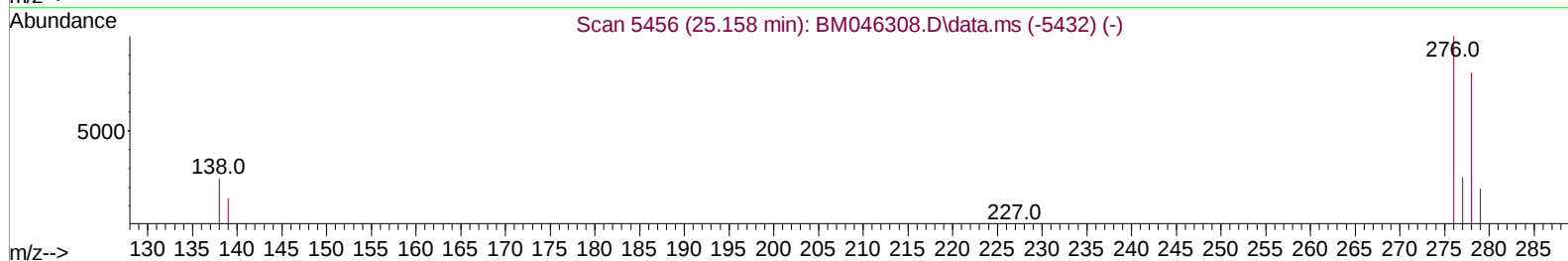
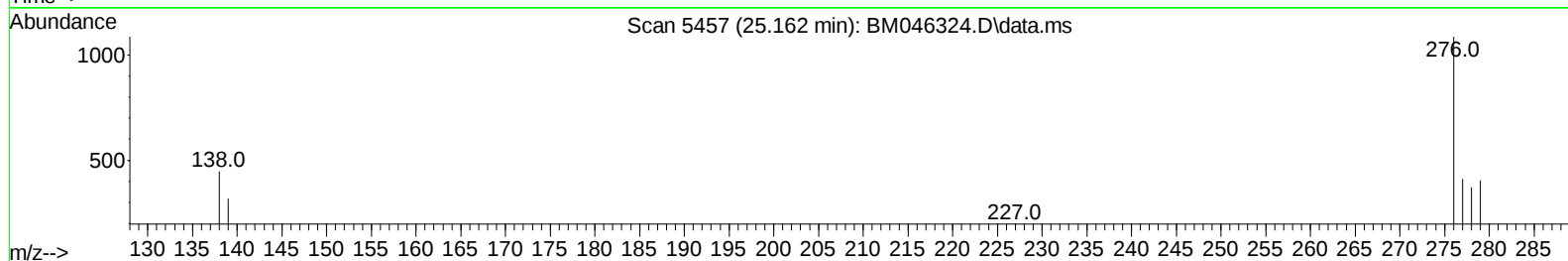
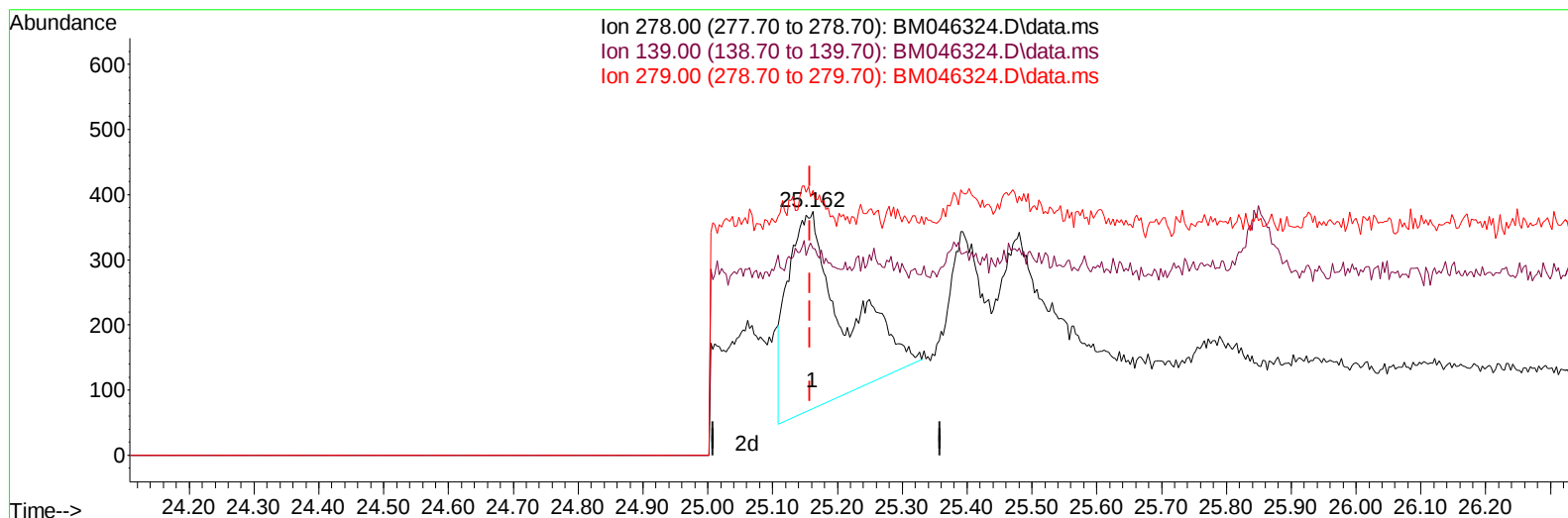
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
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Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

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TIC: BM046324.D\data.ms

(28) Dibenzo(a,h)anthracene

25.162min (+ 0.004) 0.06 ng/u1

response 1827

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	84.76#
279.00	32.90	108.82#
0.00	0.00	0.00

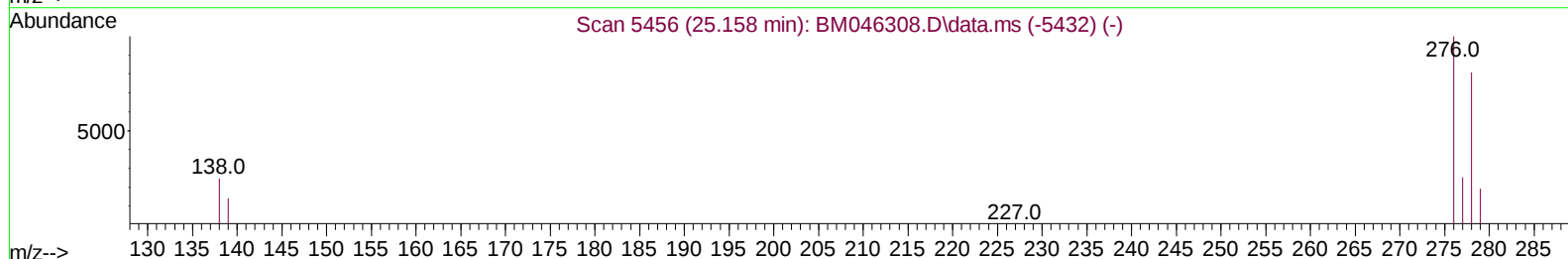
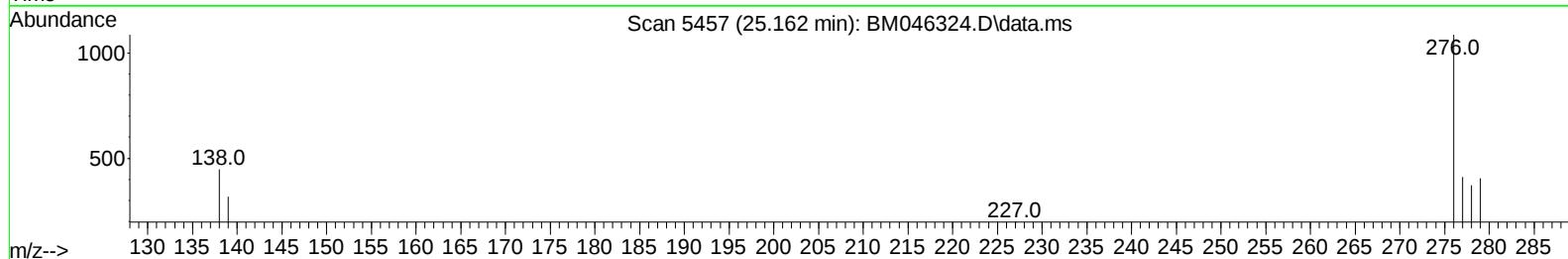
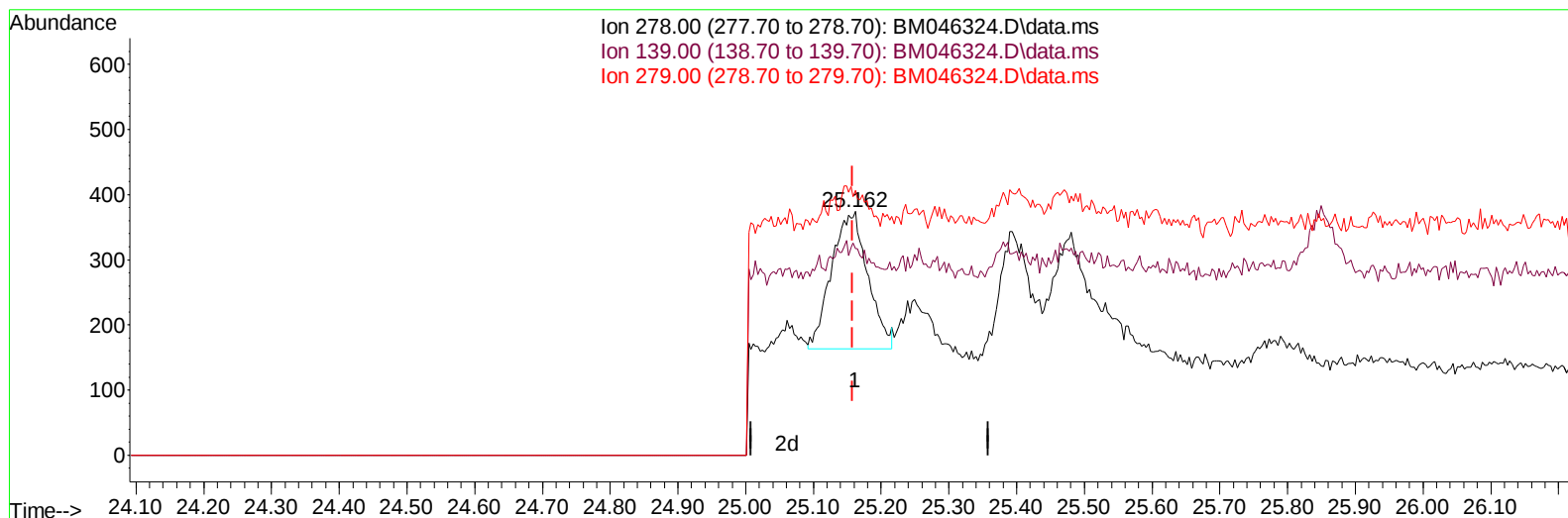
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85DL

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046324.D\data.ms

(28) Dibenzo(a,h)anthracene

25.162min (+ 0.004) 0.03 ng/u1 m

response 786

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	84.76#
279.00	32.90	108.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046324.D
 Acq On : 26 Jun 2024 11:31
 Operator : MA/JU
 Sample : P2909-08DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B85DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 13:31:46 2024
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 QLast Update : Wed Jun 26 03:24:28 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.404	152		2374	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.198	136		6896	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.057	164		4095	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.806	188		7941	0.400	ng/ul	-0.03
17) Chrysene-d12	21.015	240		6631	0.400	ng/ul	0.00
23) Perylene-d12	23.092	264		7267m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		1611	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152		413	0.045	ng/ul	-0.02
18) Fluoranthene-d10	18.838	212		956	0.048	ng/ul	-0.02
Target Compounds							
						Qvalue	
5) Naphthalene	10.248	128		404	0.021	ng/ul#	19
8) 1-Methylnaphthalene	12.101	142		238	0.020	ng/ul	98
10) Acenaphthylene	13.774	152		542	0.028	ng/ul#	41
11) Acenaphthene	14.117	153		906	0.065	ng/ul	92
12) Fluorene	15.121	166		1140	0.076	ng/ul#	97
15) Phenanthrene	16.844	178		13824	0.620	ng/ul	98
16) Anthracene	16.937	178		3638	0.219	ng/ul#	92
19) Fluoranthene	18.866	202		16324	0.569	ng/ul	98
20) Pyrene	19.228	202		14054	0.453	ng/ul	98
21) Benzo(a)anthracene	20.997	228		6493	0.254	ng/ul	93
22) Chrysene	21.050	228		5975	0.183	ng/ul	94
24) Benzo(b)fluoranthene	22.484	252		7131m	0.272	ng/ul	
25) Benzo(k)fluoranthene	22.513	252		4430m	0.142	ng/ul	
26) Benzo(a)pyrene	23.005	252		5578	0.230	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.149	276		3886m	0.098	ng/ul	
28) Dibenzo(a,h)anthracene	25.162	278		786m	0.027	ng/ul	
29) Benzo(g,h,i)perylene	25.769	276		3657	0.107	ng/ul#	77

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

