

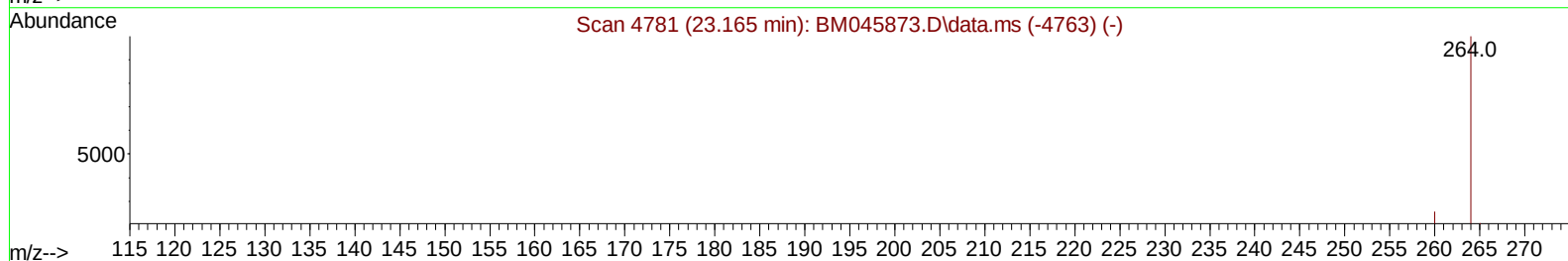
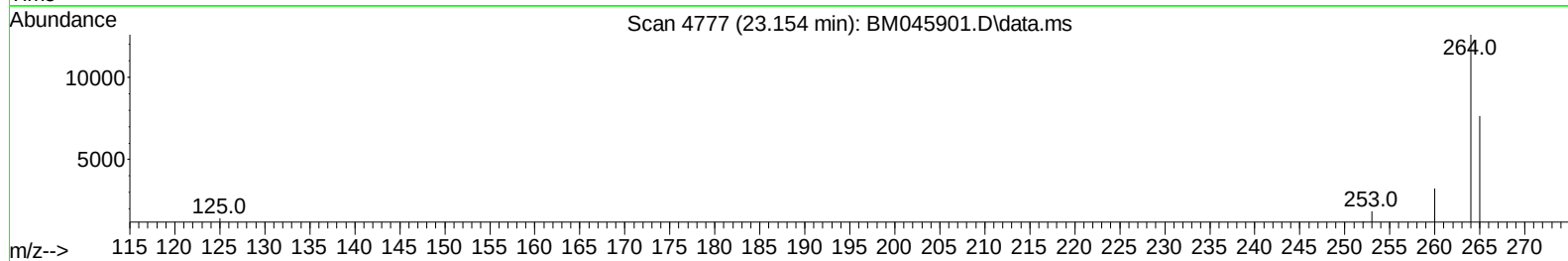
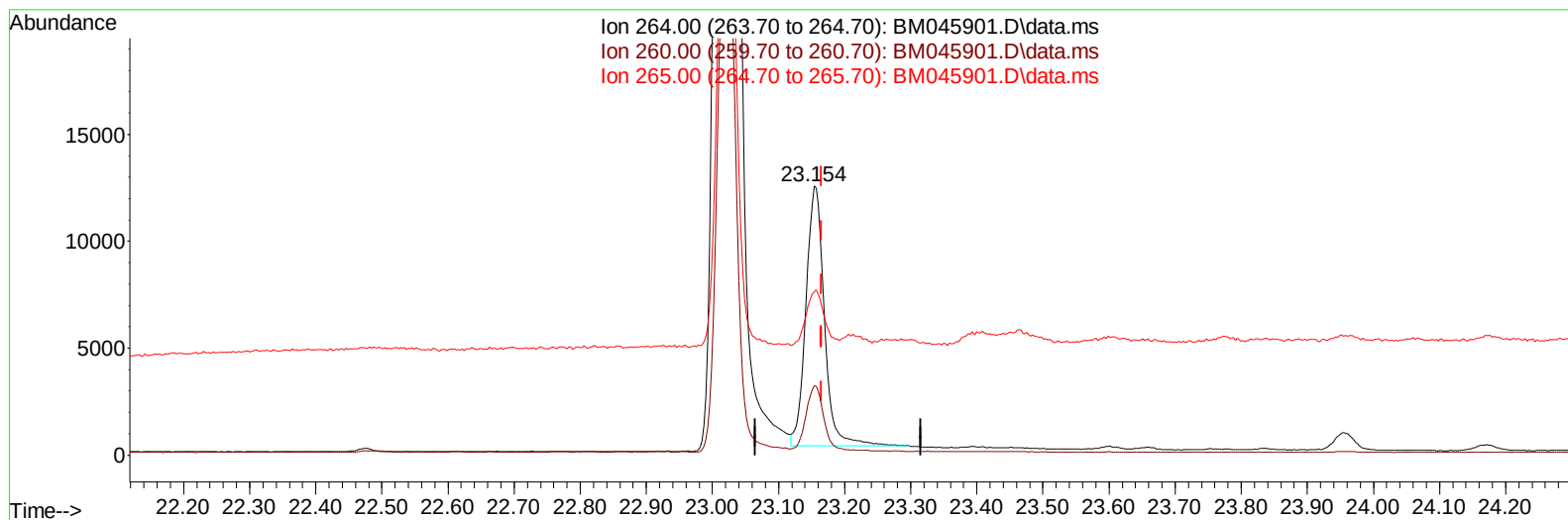
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045901.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/u1

response 23449

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.72
265.00	76.60	60.84#
0.00	0.00	0.00

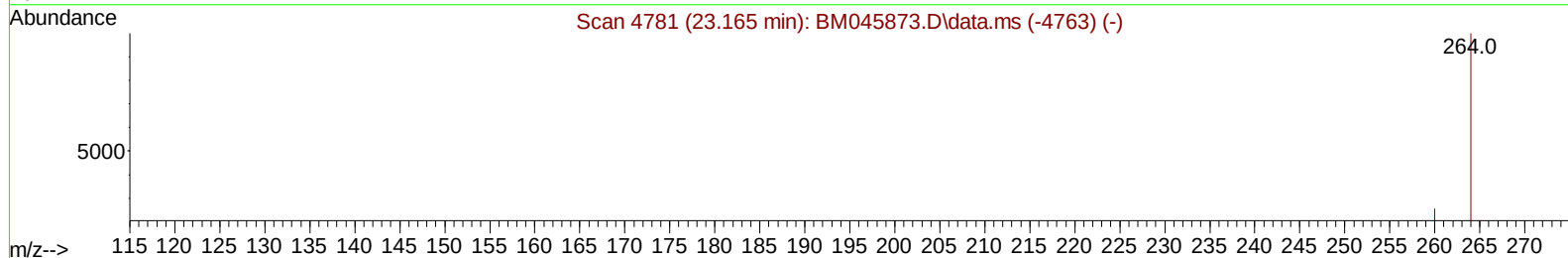
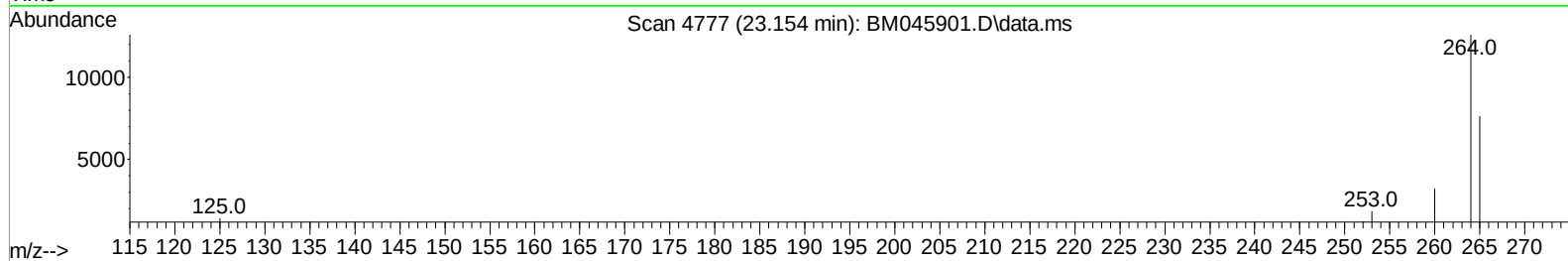
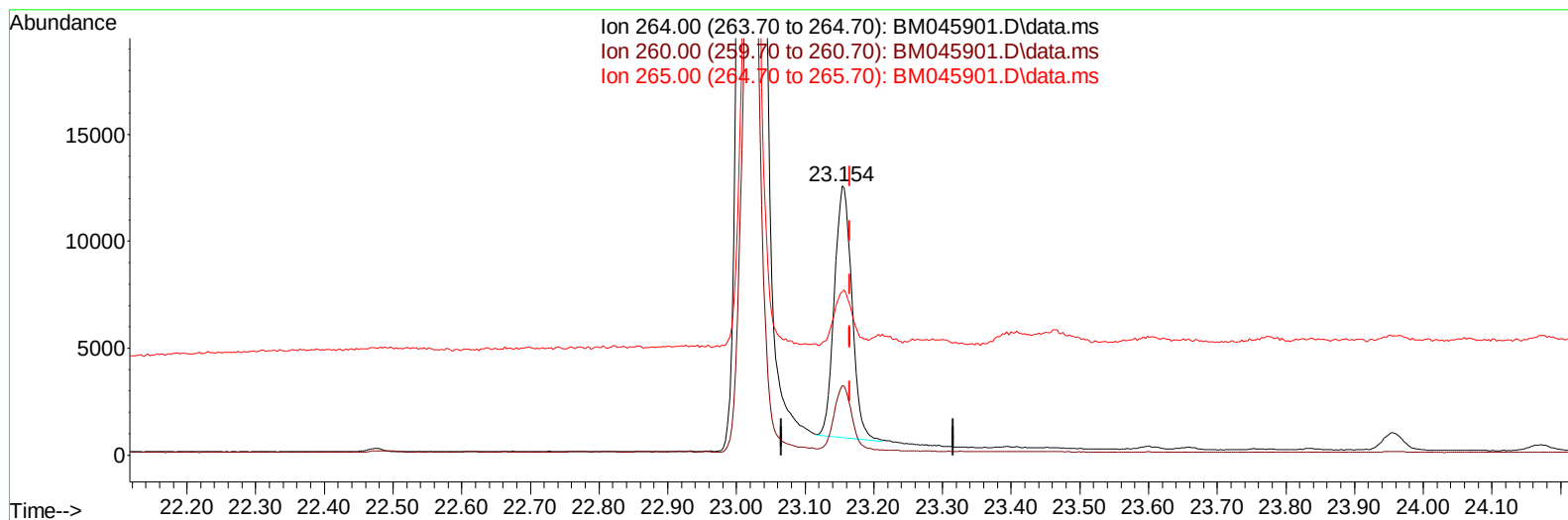
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045901.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/ul m

response 20920

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.72
265.00	76.60	60.84#
0.00	0.00	0.00

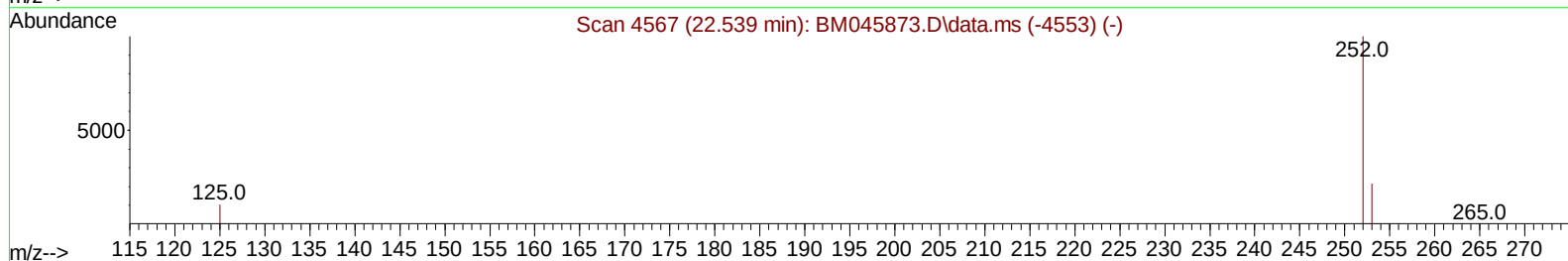
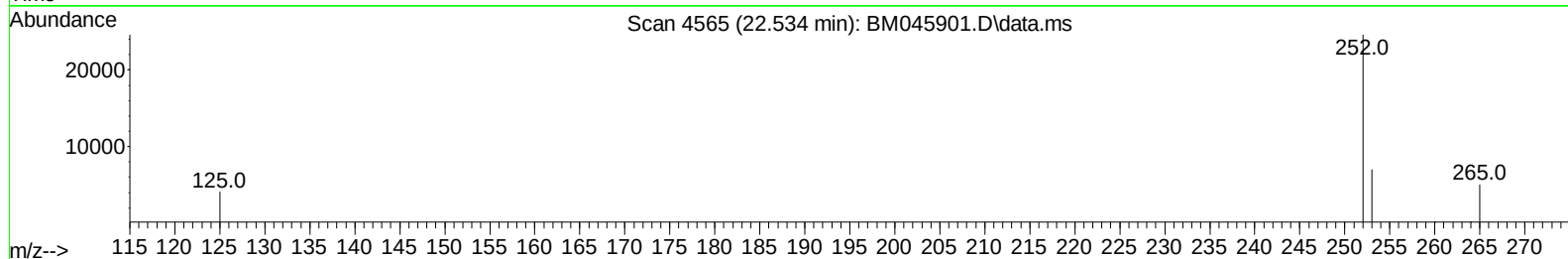
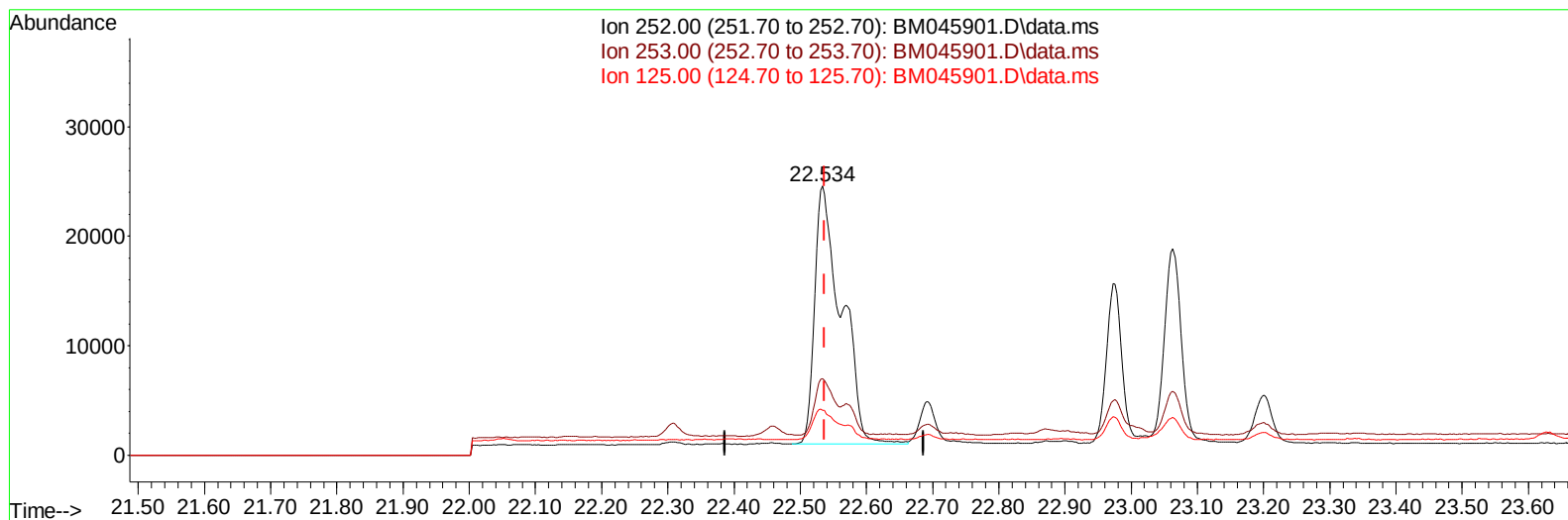
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045901.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.95 ng/u1

response 66219

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	28.49
125.00	17.90	16.62
0.00	0.00	0.00

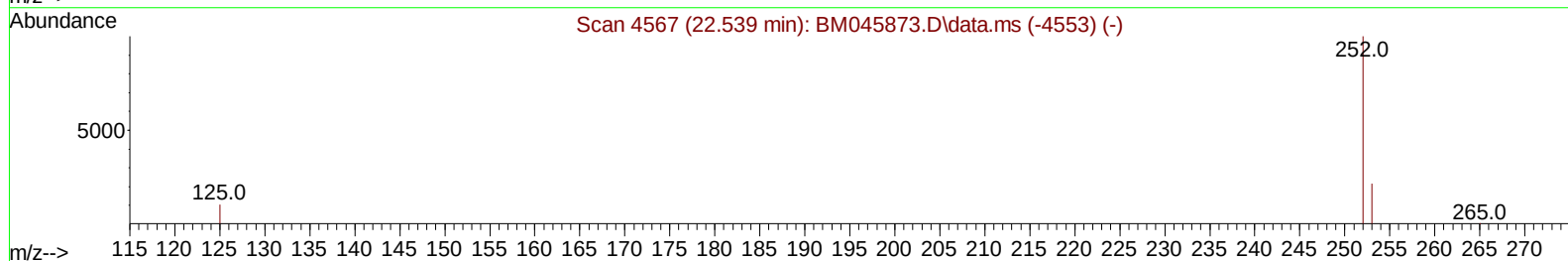
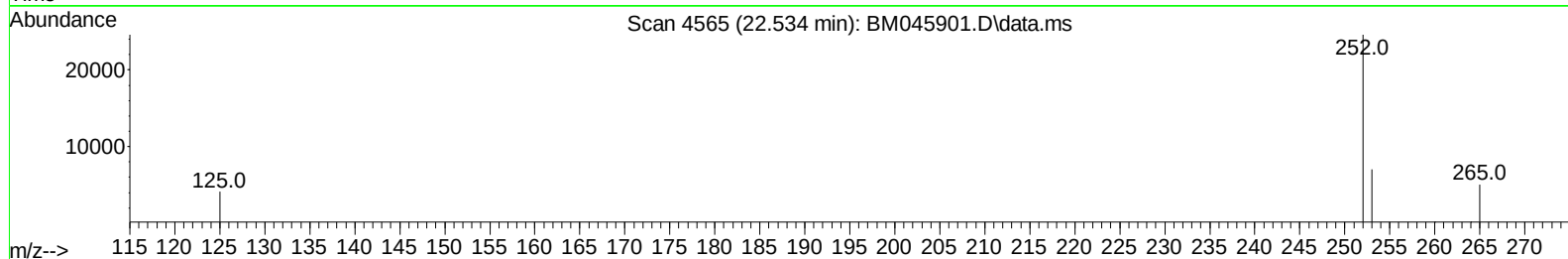
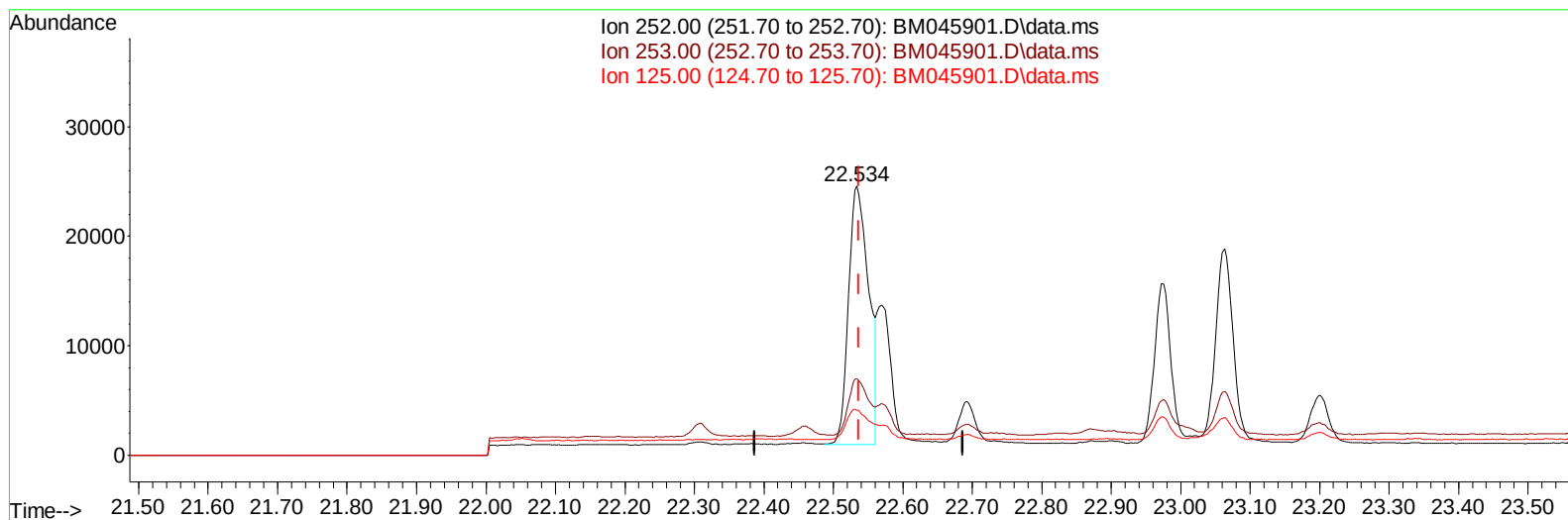
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045901.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.69 ng/ul m

response 47604

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	28.49
125.00	17.90	16.62
0.00	0.00	0.00

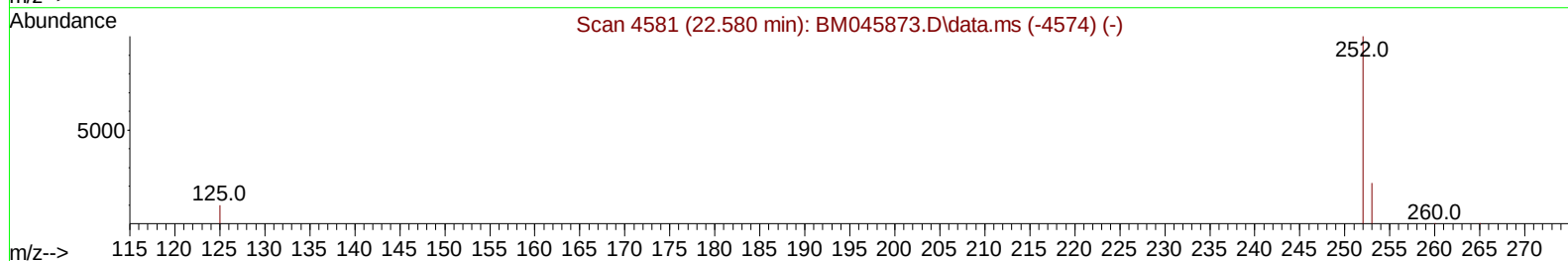
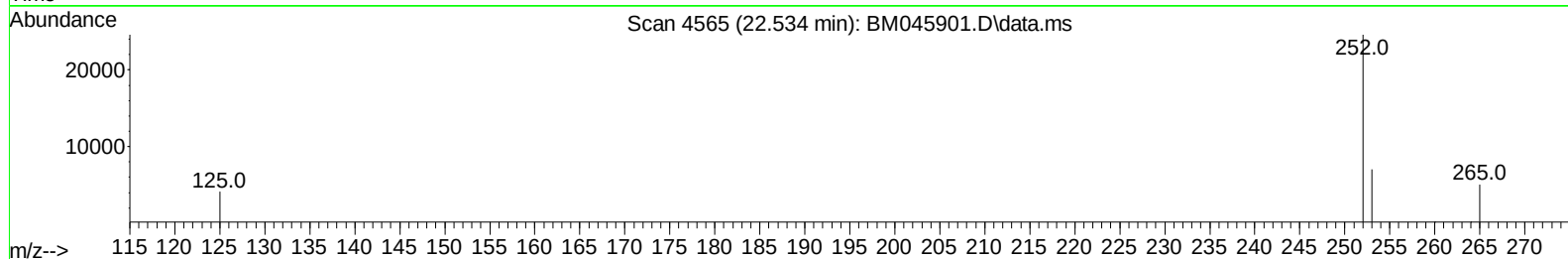
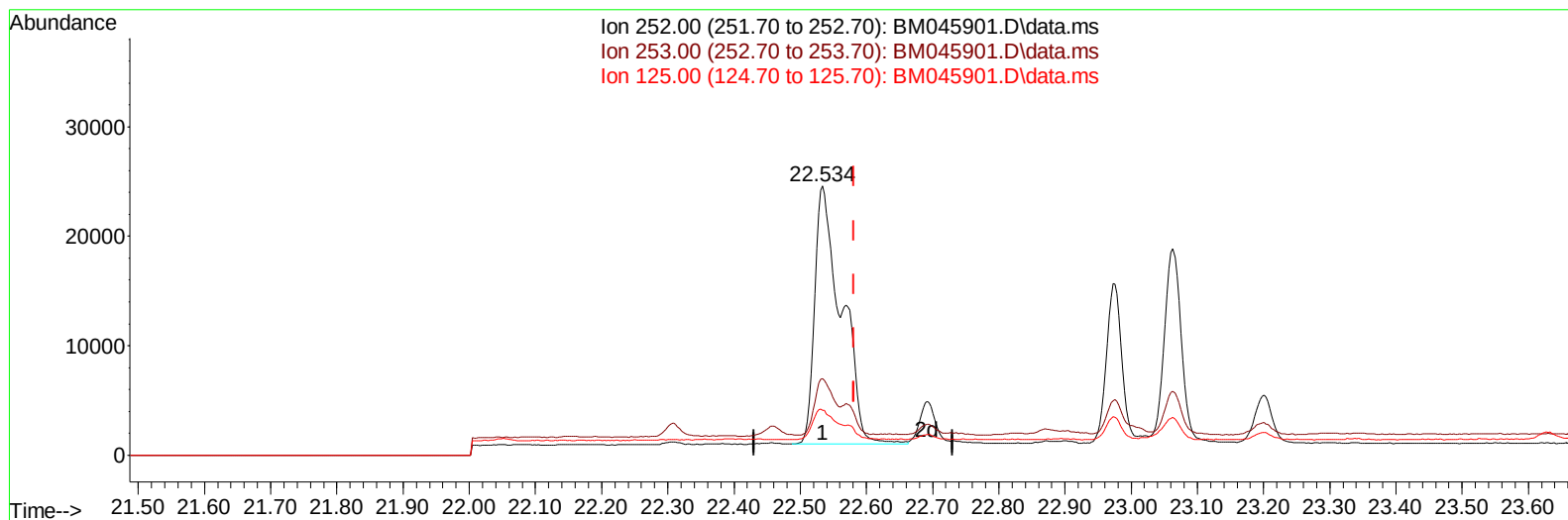
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045901.D\data.ms

(25) Benzo(k)fluoranthene

22.534min (-0.047) 0.87 ng/u1

response 66219

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	28.49
125.00	17.70	16.62
0.00	0.00	0.00

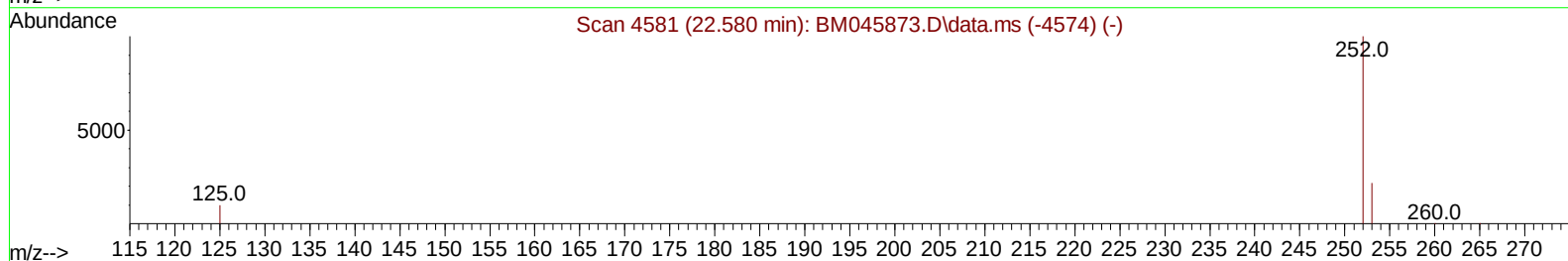
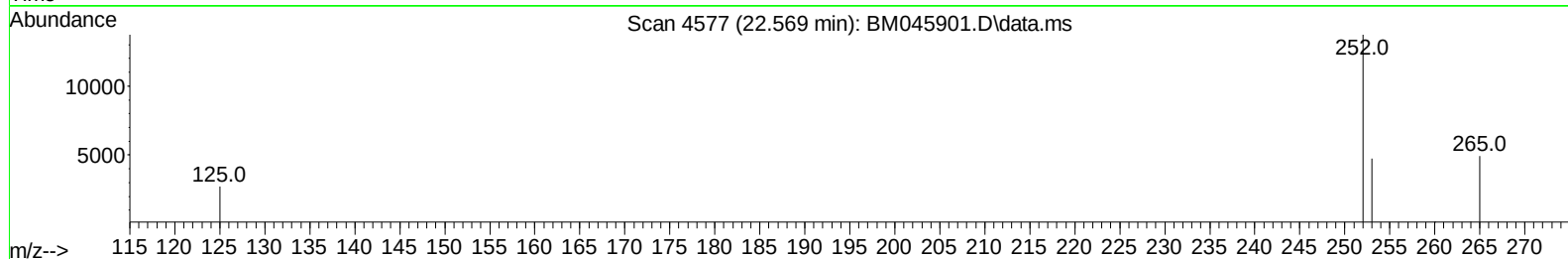
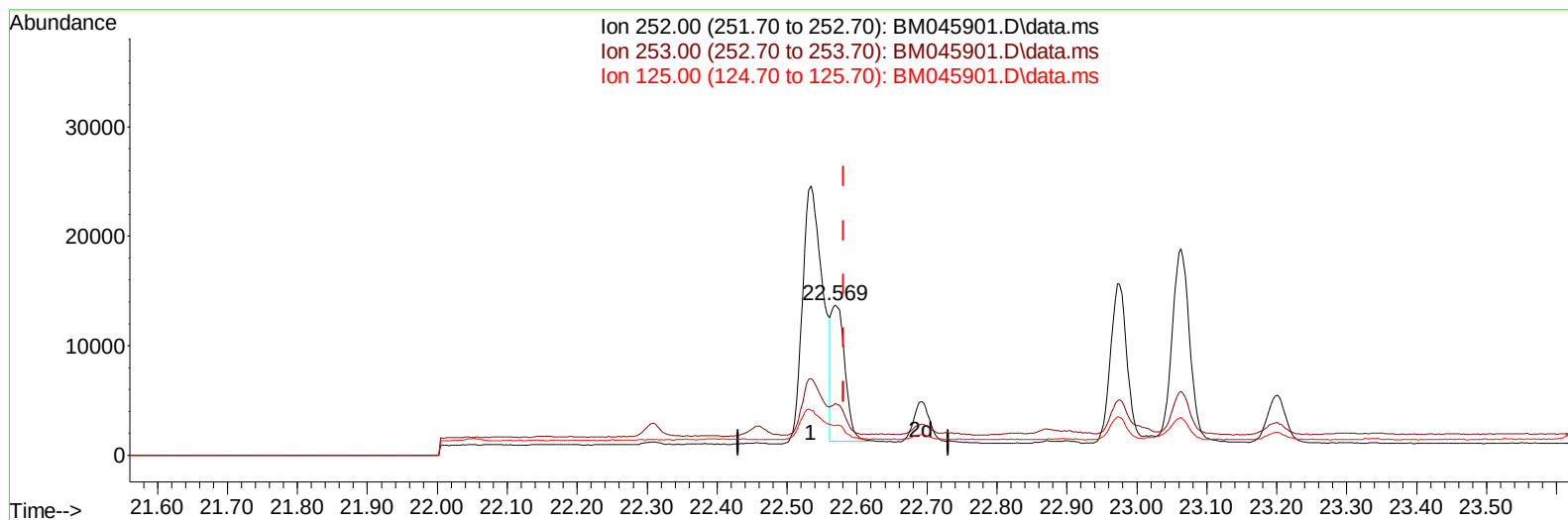
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045901.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.012) 0.23 ng/u1 m

response 17230

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	34.50
125.00	17.70	19.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045901.D
 Acq On : 08 Jun 2024 03:49
 Operator : MA/JU
 Sample : P2586-20DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 04:22:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.472	152		6451	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136		21488	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.117	164		11954	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188		24229	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240		19370	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264		20920m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.063	96		5660	0.770	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.853	152		1518	0.049	ng/ul	0.00
18) Fluoranthene-d10	18.889	212		3024	0.052	ng/ul	0.00
Target Compounds							
							Qvalue
10) Acenaphthylene	13.830	152		3170	0.058	ng/ul	94
11) Acenaphthene	14.177	153		1570	0.039	ng/ul	98
12) Fluorene	15.167	166		1997	0.045	ng/ul#	98
15) Phenanthrene	16.895	178		41436	0.609	ng/ul	100
16) Anthracene	16.988	178		9168	0.158	ng/ul	97
19) Fluoranthene	18.917	202		86116	1.115	ng/ul	98
20) Pyrene	19.280	202		73208	0.909	ng/ul	97
21) Benzo(a)anthracene	21.029	228		34250	0.482	ng/ul	97
22) Chrysene	21.082	228		37591	0.486	ng/ul	98
24) Benzo(b)fluoranthene	22.534	252		47604m	0.686	ng/ul	
25) Benzo(k)fluoranthene	22.569	252		17230m	0.226	ng/ul	
26) Benzo(a)pyrene	23.063	252		31238	0.453	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.222	276		24904	0.279	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.229	278		5421	0.076	ng/ul#	67
29) Benzo(g,h,i)perylene	25.850	276		24669	0.321	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
Operator : MA/JU
Sample : P2586-20DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C56DL

Manual IntegrationsAPPROVED

Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

