

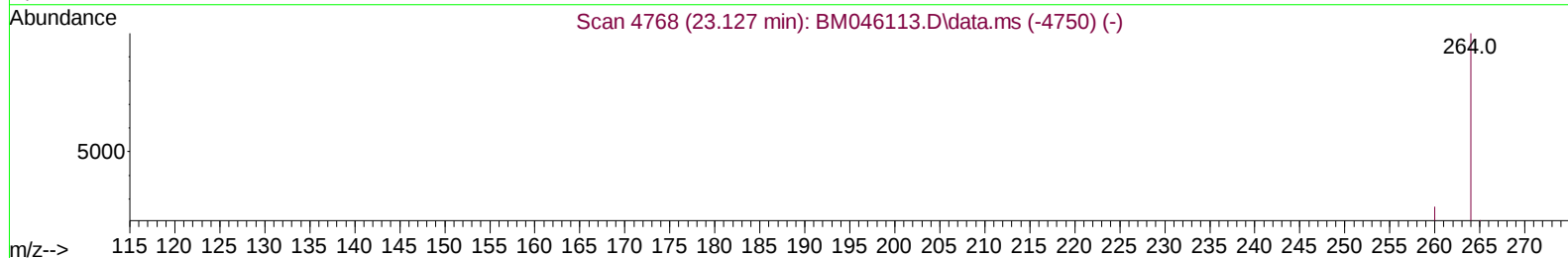
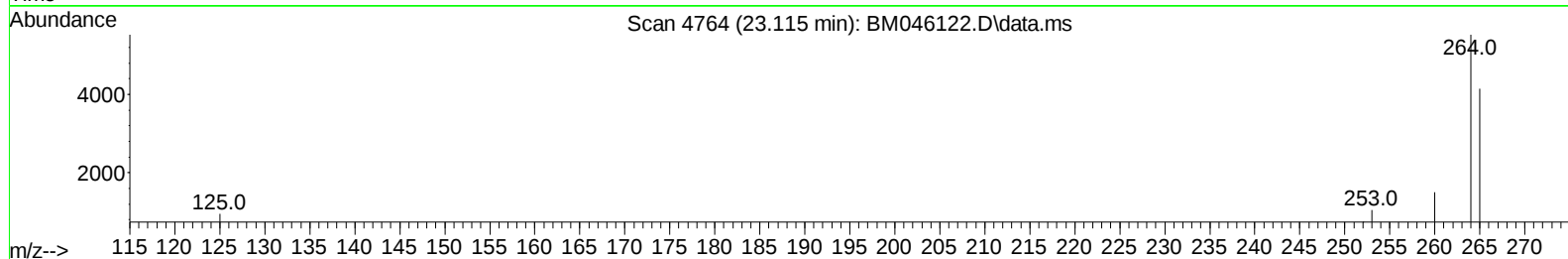
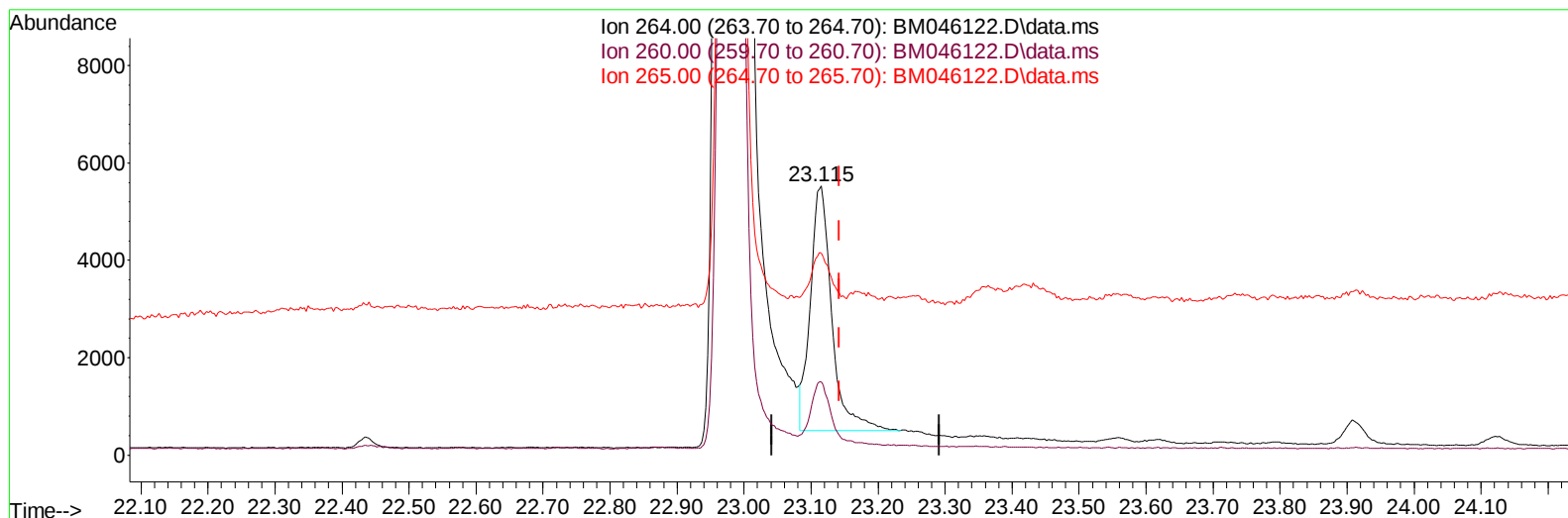
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(23) Perylene-d12 (I)

23.115min (-0.027) 0.40 ng/u1

response 11175

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.20
265.00	110.60	75.17#
0.00	0.00	0.00

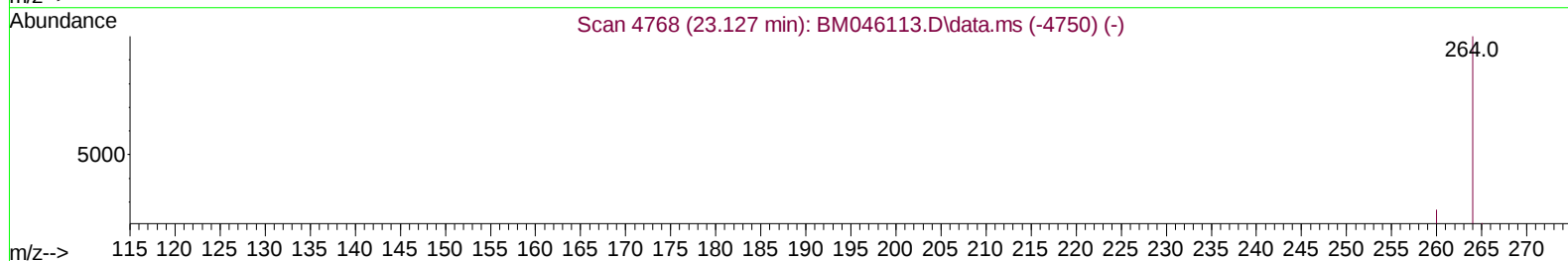
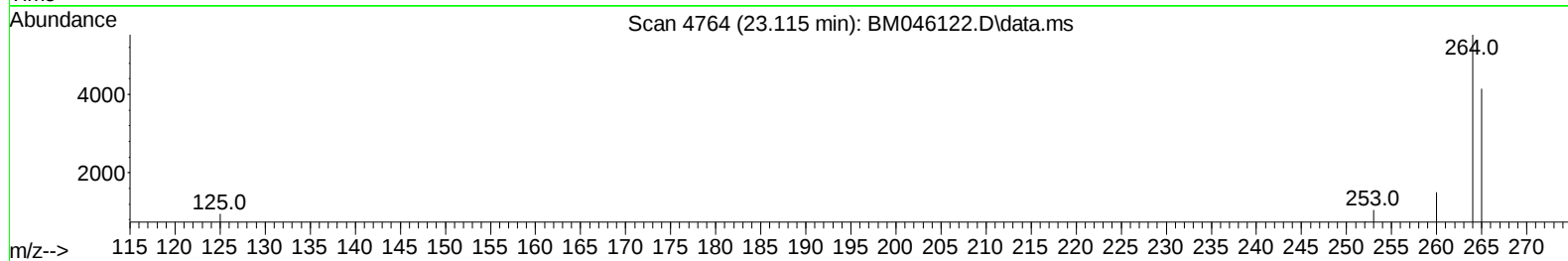
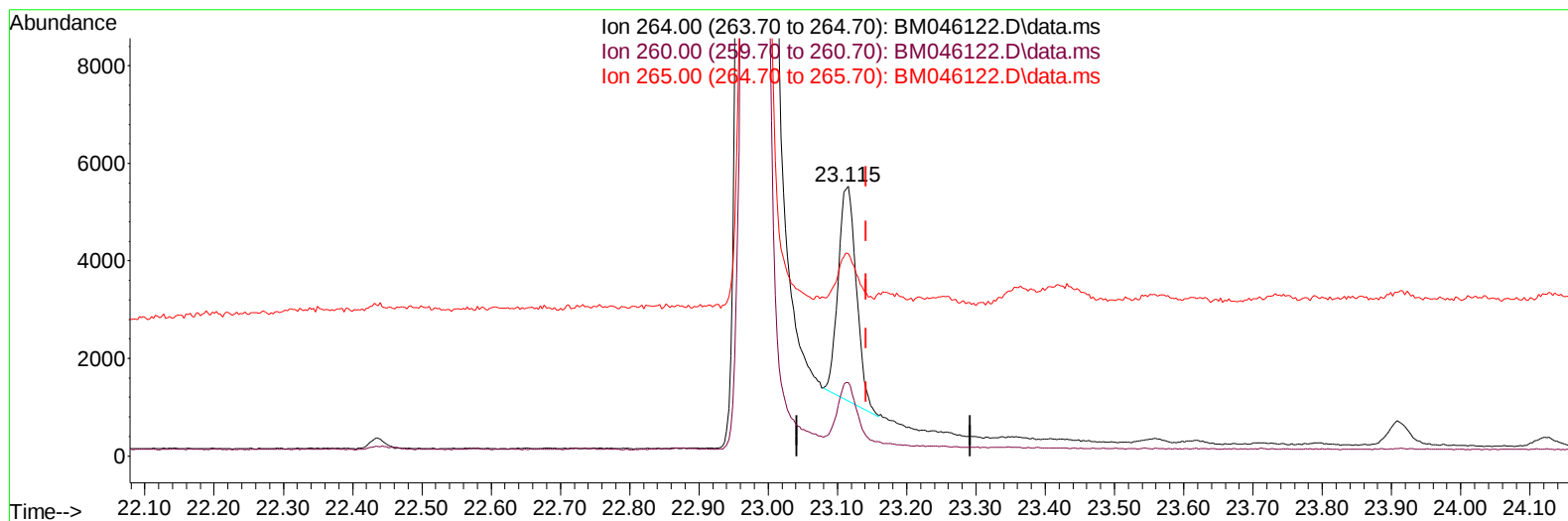
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(23) Perylene-d12 (I)

23.115min (-0.027) 0.40 ng/ul m

response 8009

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.20
265.00	110.60	75.17#
0.00	0.00	0.00

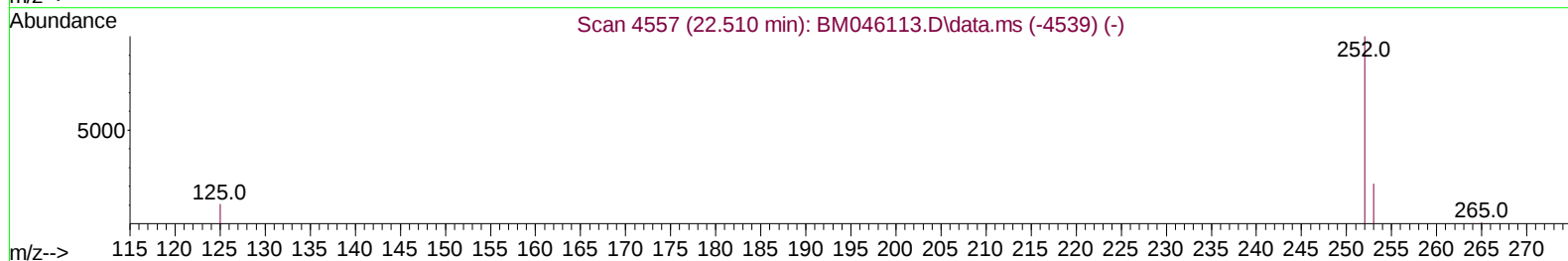
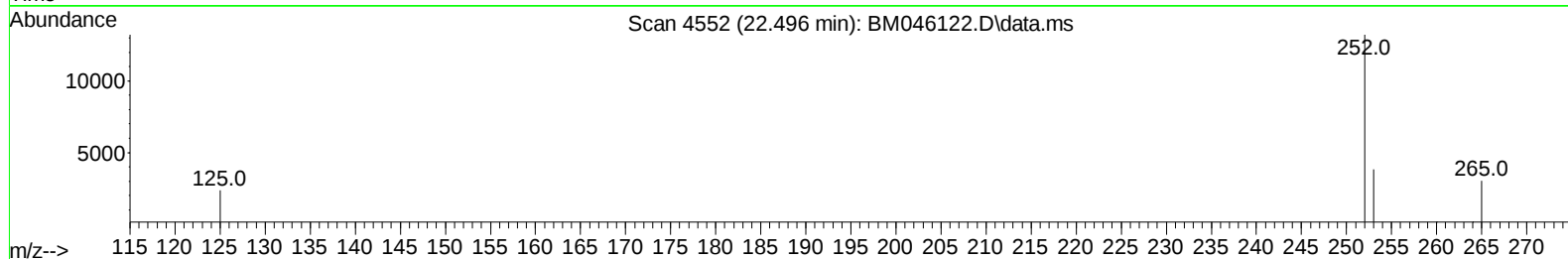
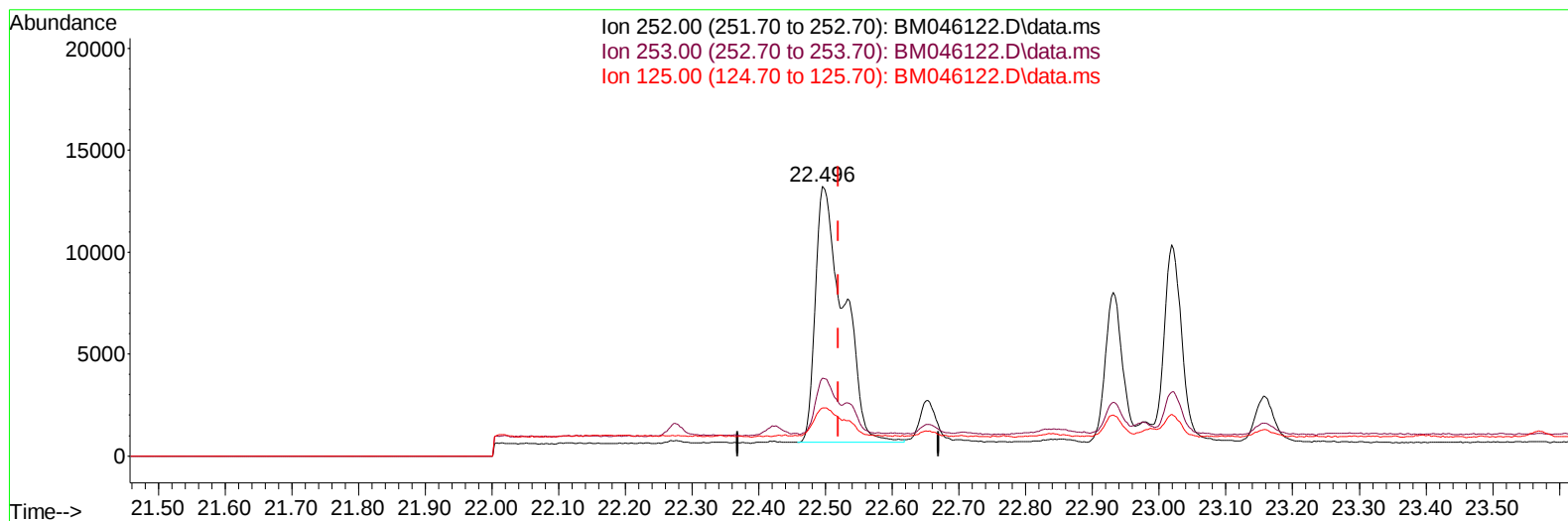
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.024) 1.27 ng/u1

response 36709

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.97
125.00	20.10	17.81
0.00	0.00	0.00

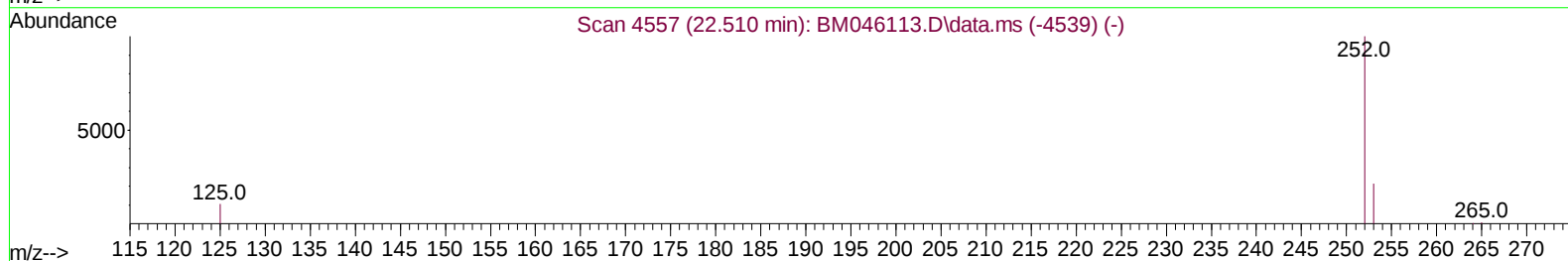
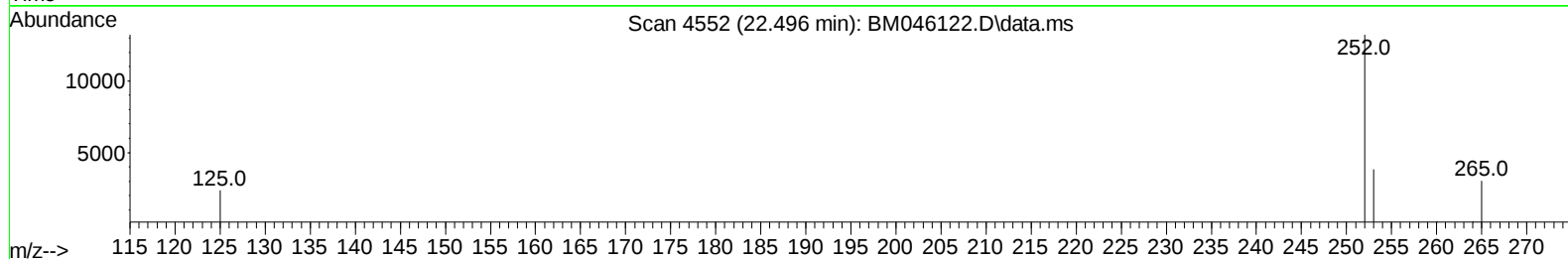
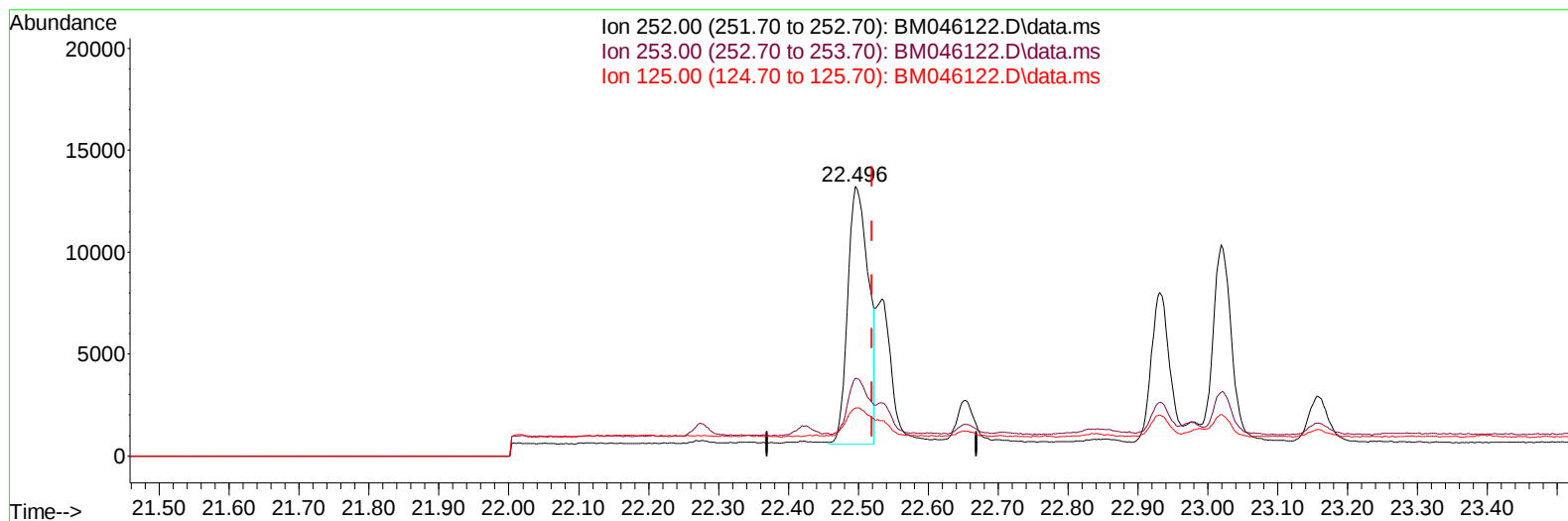
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.024) 0.90 ng/u1 m

response 25861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.97
125.00	20.10	17.81
0.00	0.00	0.00

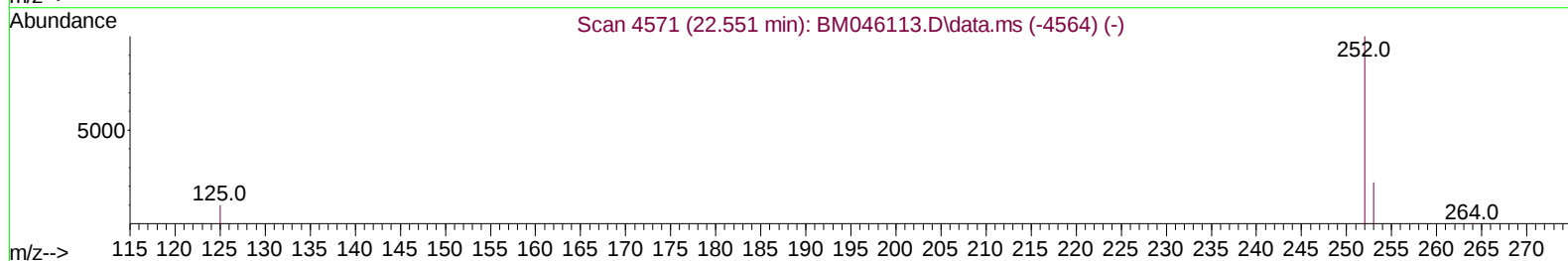
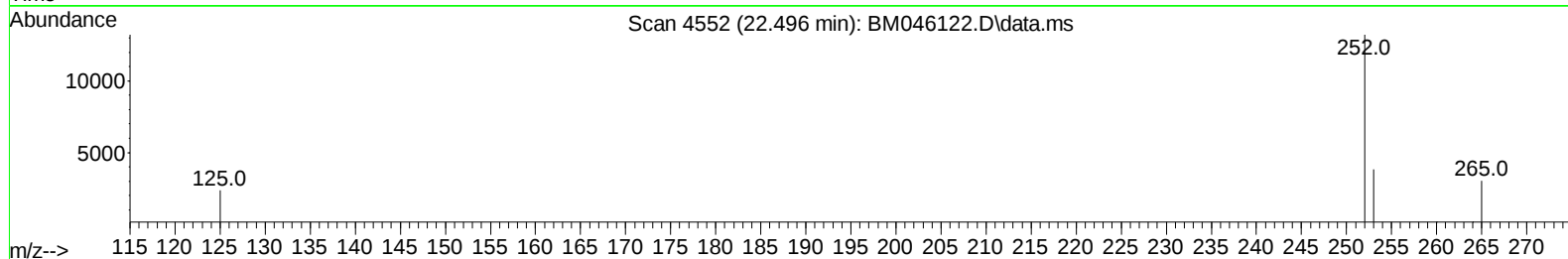
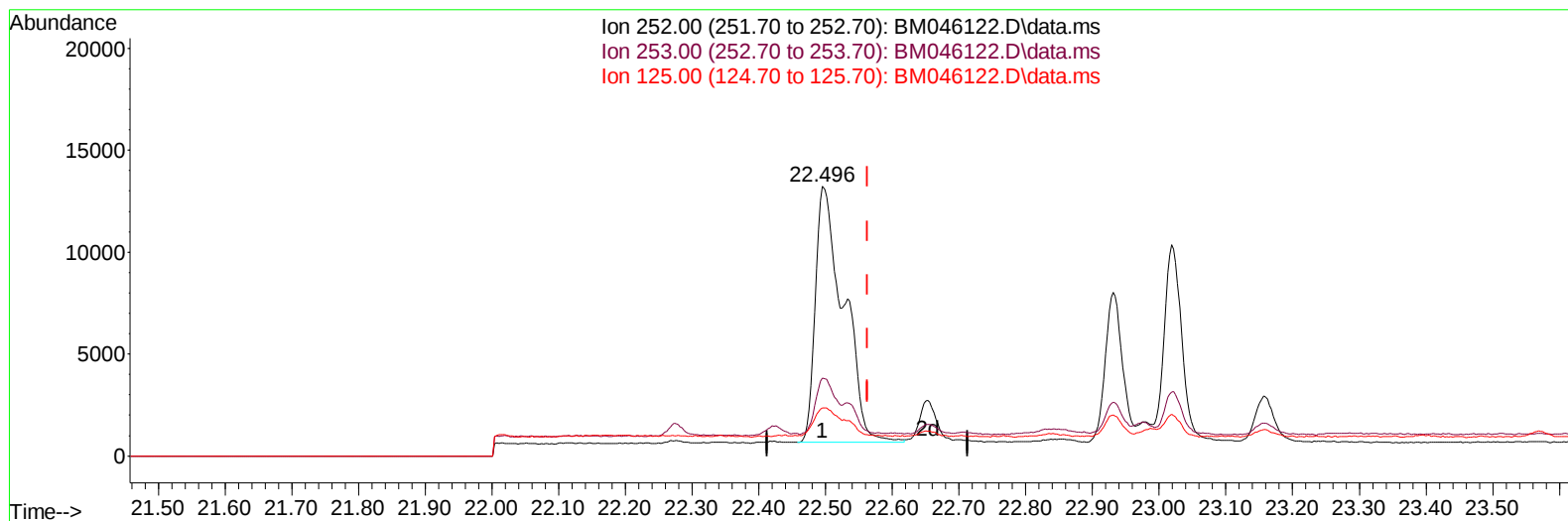
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(25) Benzo(k)fluoranthene

22.496min (-0.068) 1.07 ng/u1

response 36709

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.97
125.00	20.80	17.81
0.00	0.00	0.00

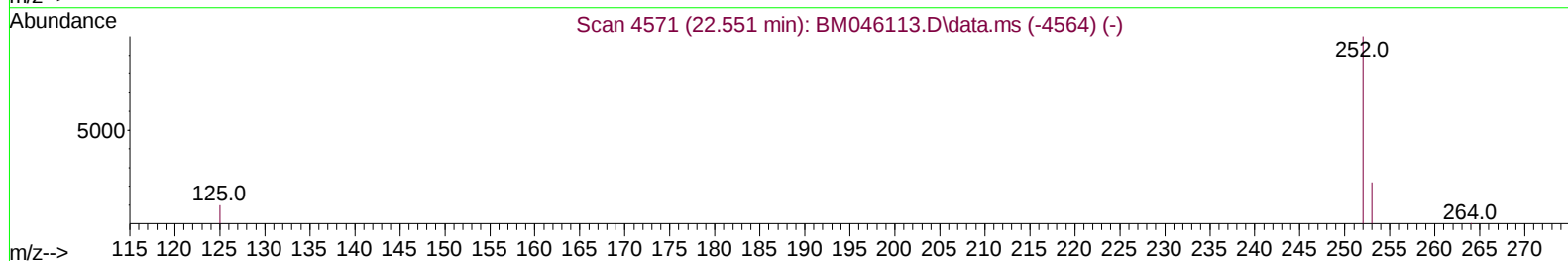
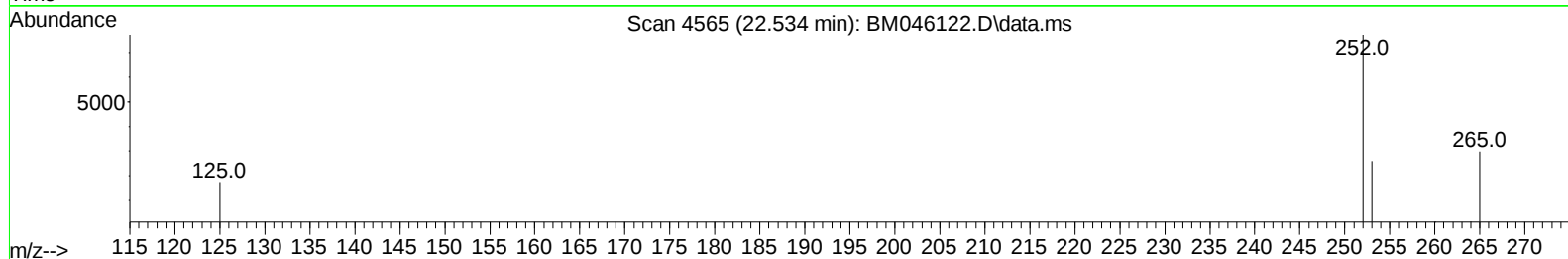
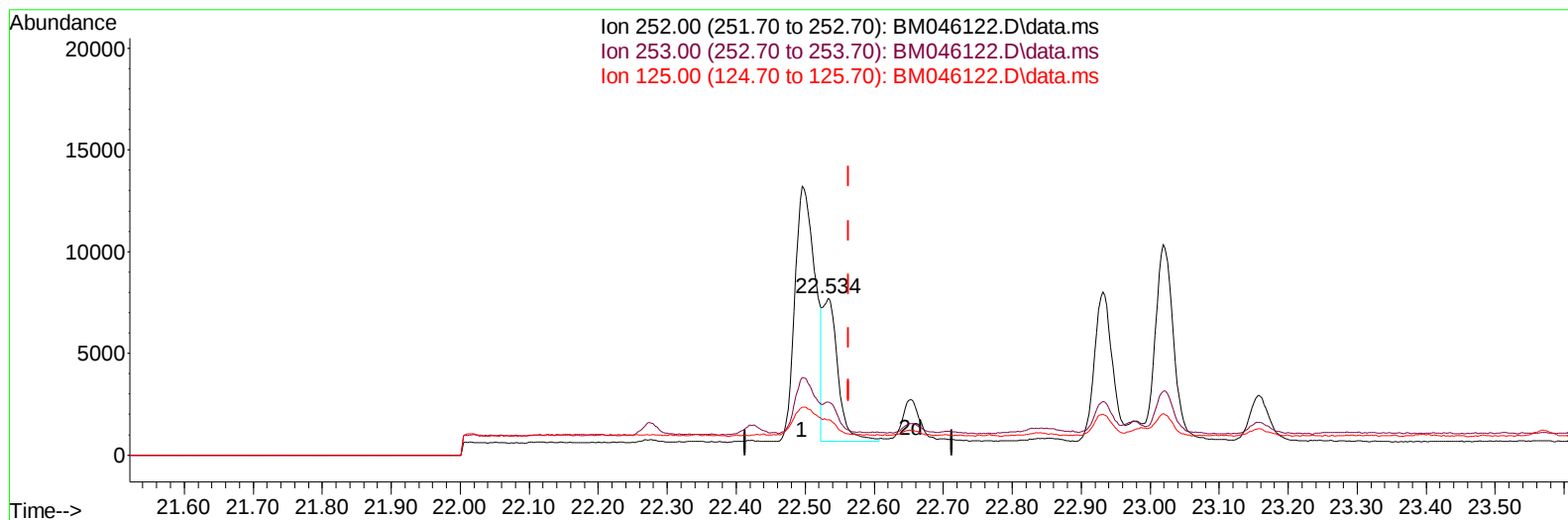
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046122.D\data.ms

(25) Benzo(k)fluoranthene

22.534min (-0.030) 0.32 ng/u1 m

response 11120

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.75
125.00	20.80	22.60
0.00	0.00	0.00

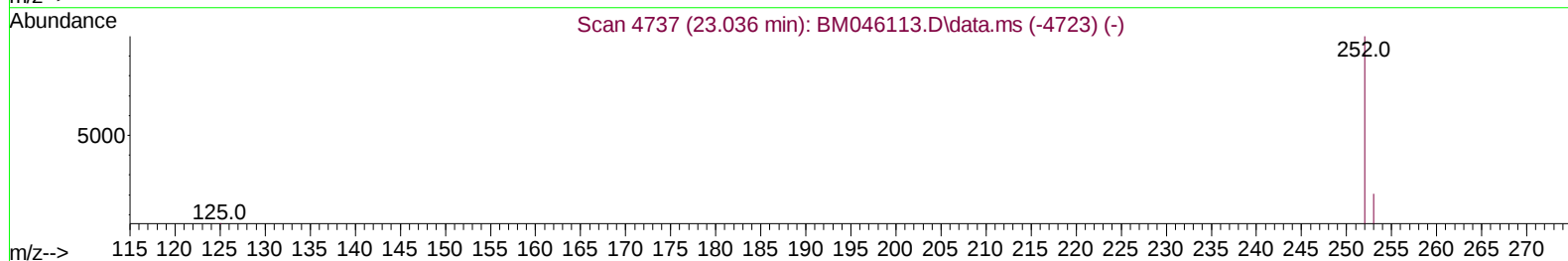
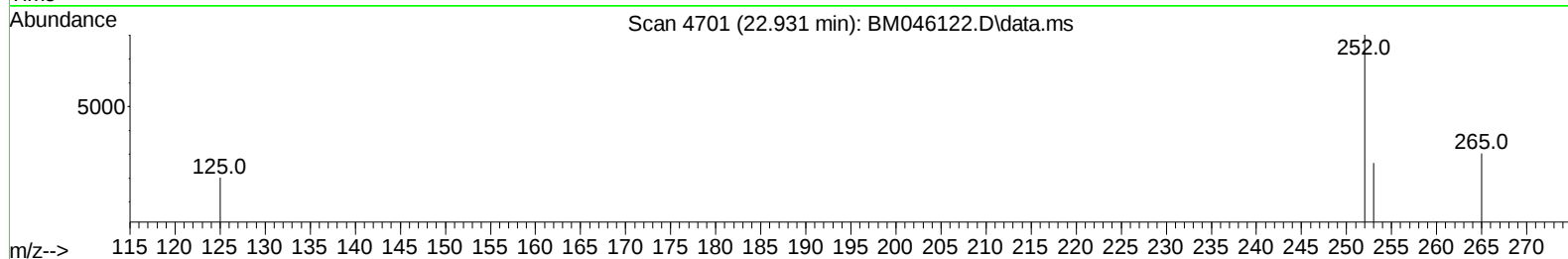
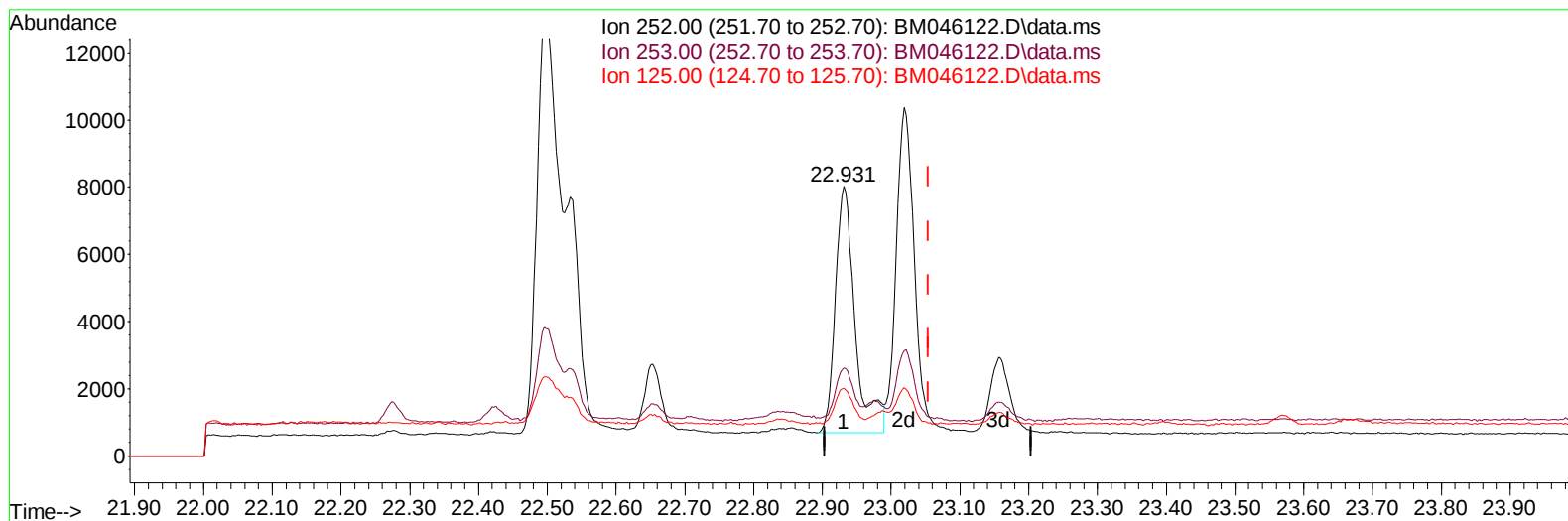
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



TIC: BM046122.D\data.ms

(26) Benzo(a)pyrene (C)

22.931min (-0.123) 0.55 ng/u1

response 14631

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	32.70
125.00	26.50	25.06
0.00	0.00	0.00

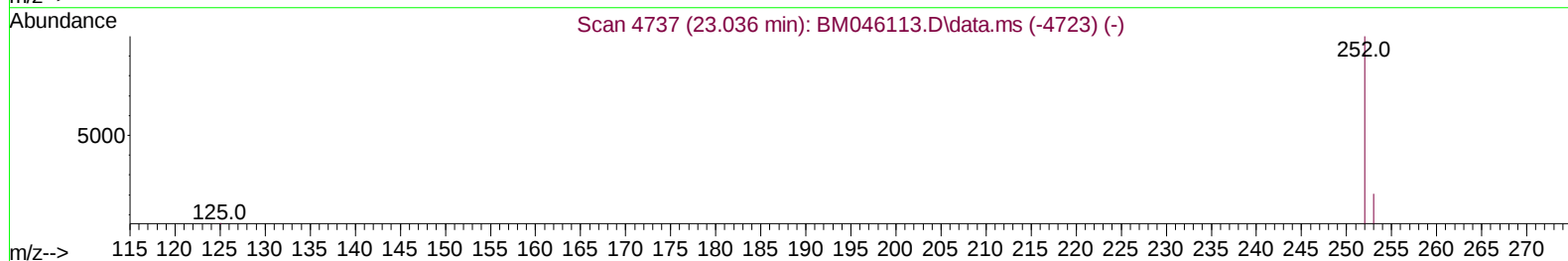
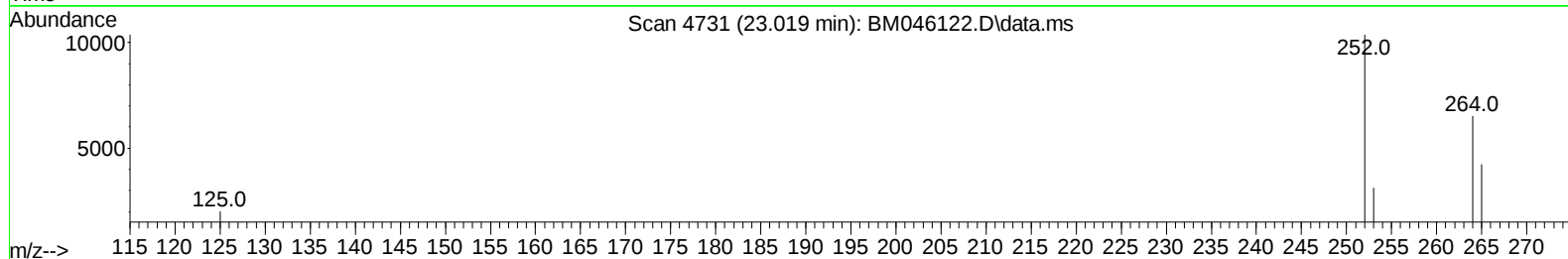
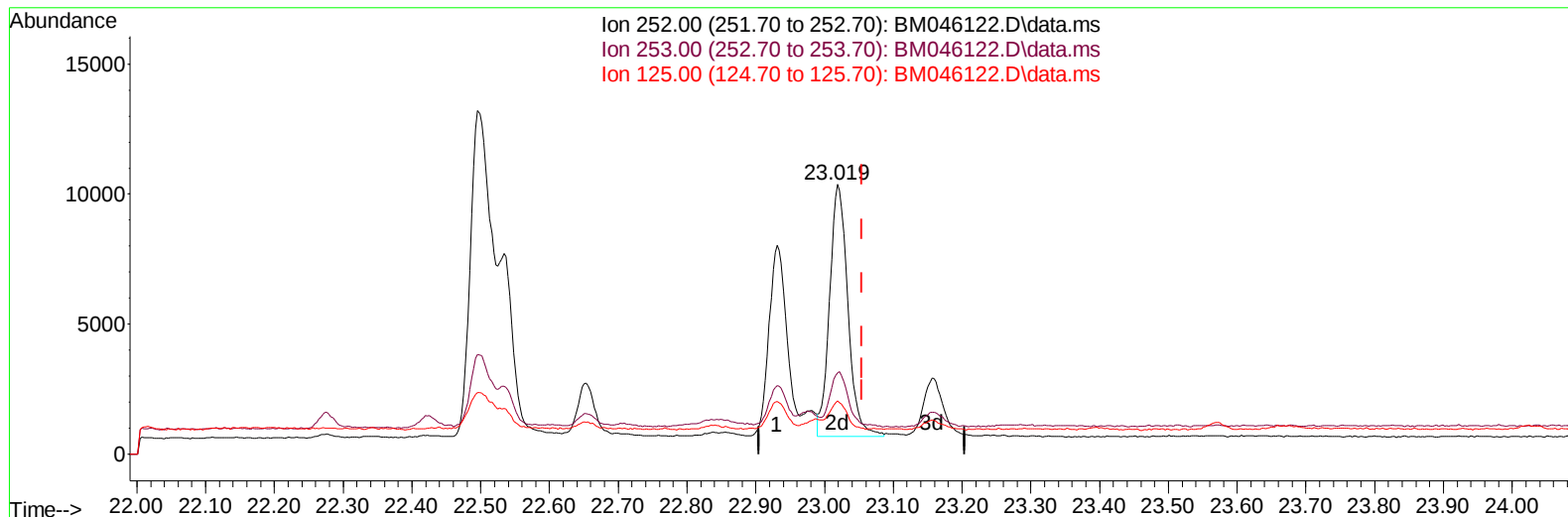
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



TIC: BM046122.D\data.ms

(26) Benzo(a)pyrene (C)

23.019min (-0.036) 0.67 ng/u1 m

response 17855

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	30.17#
125.00	26.50	19.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046122.D
 Acq On : 20 Jun 2024 14:30
 Operator : MA/JU
 Sample : P2710-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2866	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.205	136	8386	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	4666	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	9473	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	7688	0.400	ng/ul	-0.02
23) Perylene-d12	23.115	264	8009m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	8196	2.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	1720	0.153	ng/ul	-0.03
18) Fluoranthene-d10	18.853	212	4012	0.174	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	554	0.024	ng/ul#	63
10) Acenaphthylene	13.794	152	1368	0.062	ng/ul#	85
11) Acenaphthene	14.137	153	1086	0.068	ng/ul	96
12) Fluorene	15.131	166	1355	0.079	ng/ul#	98
15) Phenanthrene	16.858	178	22736	0.854	ng/ul	96
16) Anthracene	16.951	178	4846	0.244	ng/ul	96
19) Fluoranthene	18.881	202	42674	1.282	ng/ul	97
20) Pyrene	19.244	202	37162	1.032	ng/ul	97
21) Benzo(a)anthracene	21.006	228	17826	0.600	ng/ul	98
22) Chrysene	21.058	228	18056	0.476	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	25861m	0.896	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	11120m	0.324	ng/ul	
26) Benzo(a)pyrene	23.019	252	17855m	0.668	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.168	276	14212	0.325	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.168	278	3168	0.097	ng/ul#	68
29) Benzo(g,h,i)perylene	25.789	276	14411	0.384	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL8

Manual IntegrationsAPPROVED

Quant Time: Jun 20 15:00:27 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

