

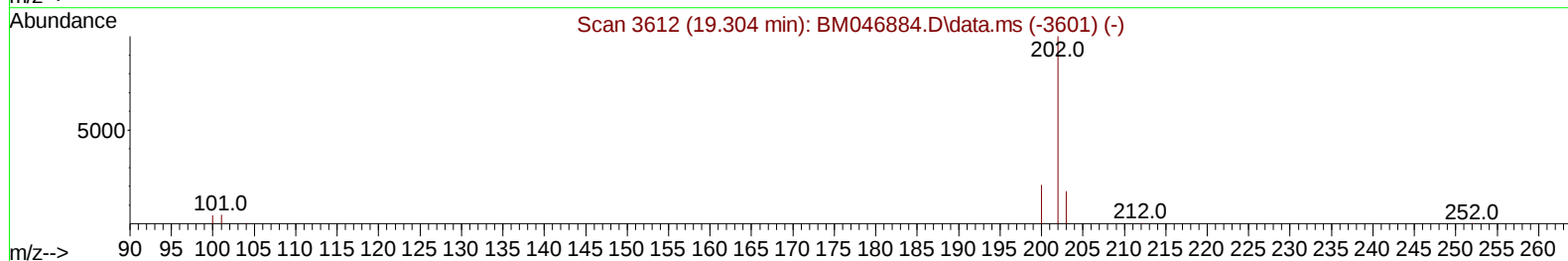
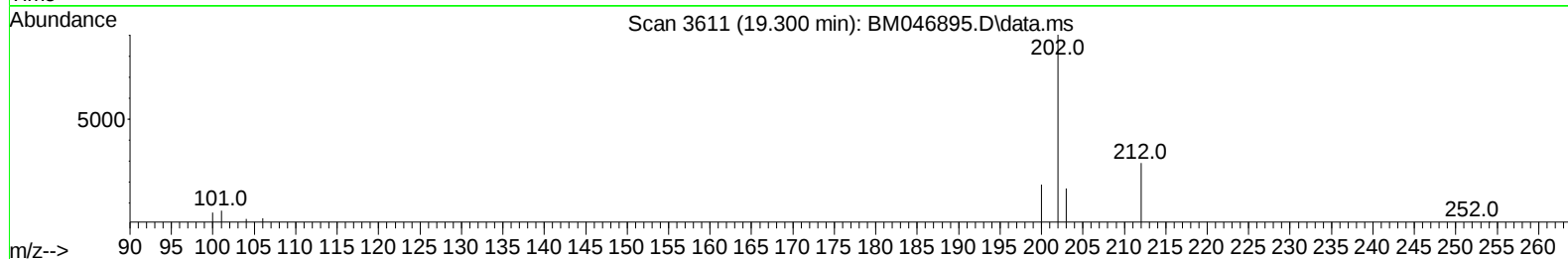
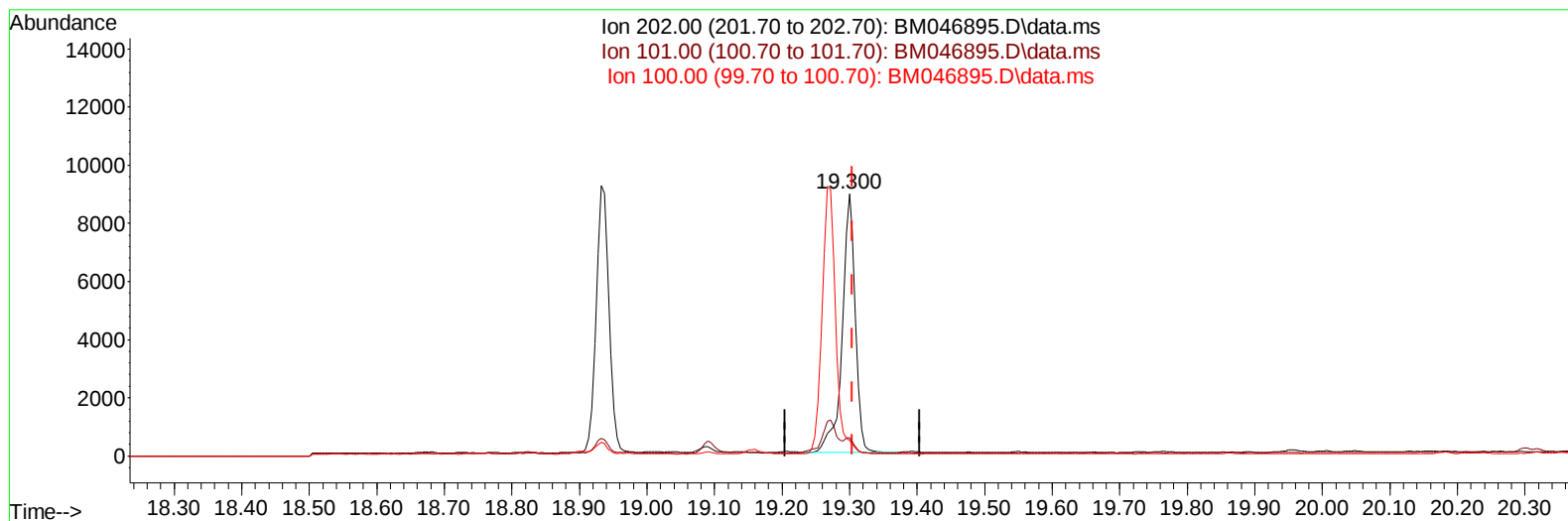
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(20) Pyrene

19.300min (-0.005) 0.34 ng/u1

response 12232

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	6.97
100.00	5.40	6.04
0.00	0.00	0.00

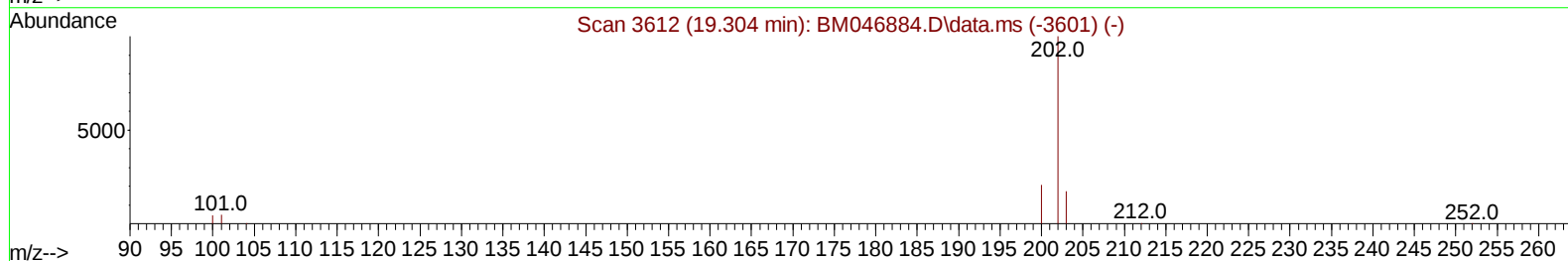
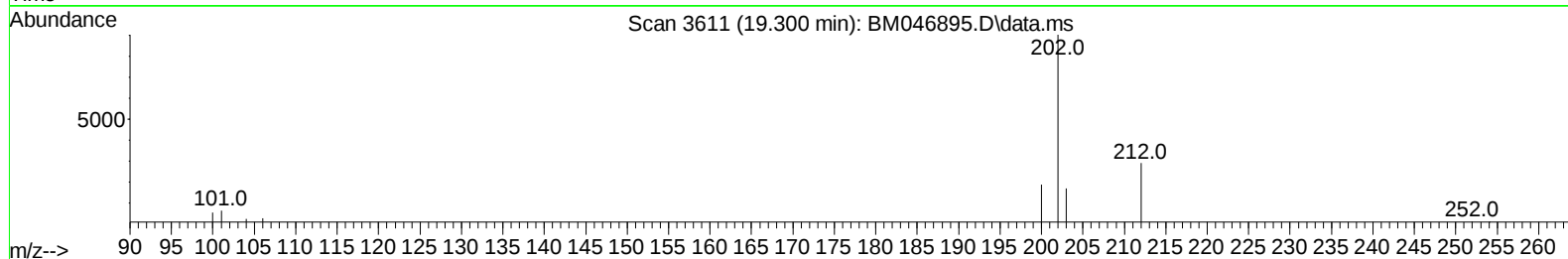
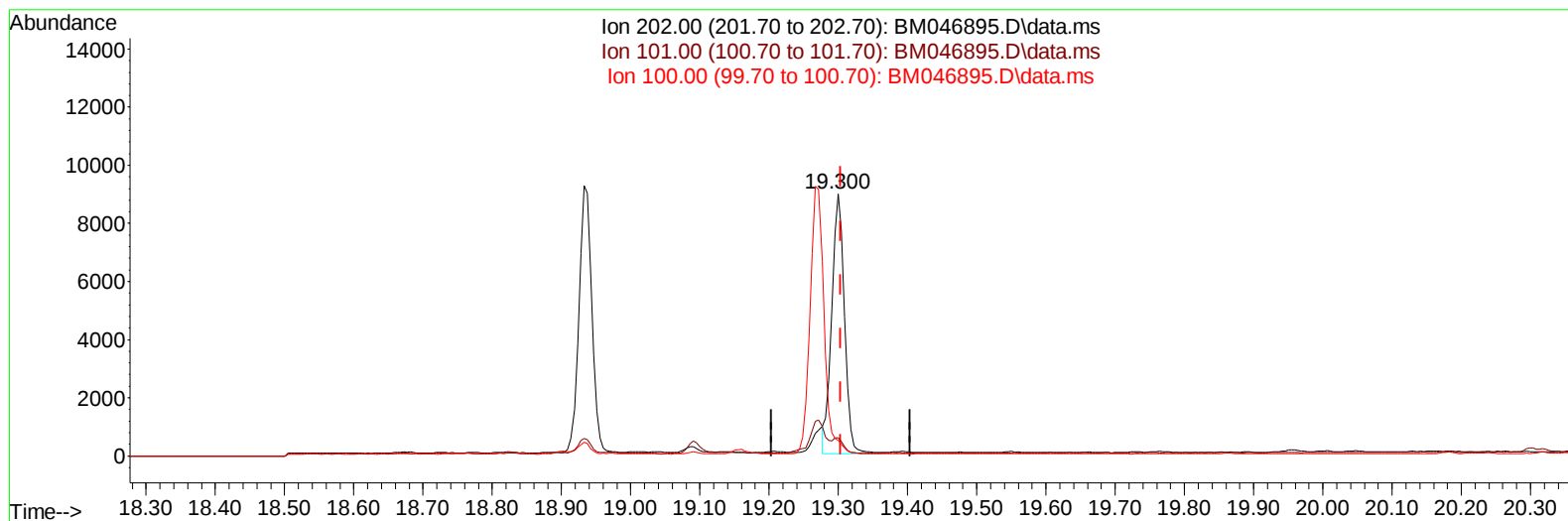
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(20) Pyrene

19.300min (-0.005) 0.33 ng/u1 m

response 11620

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	6.97
100.00	5.40	6.04
0.00	0.00	0.00

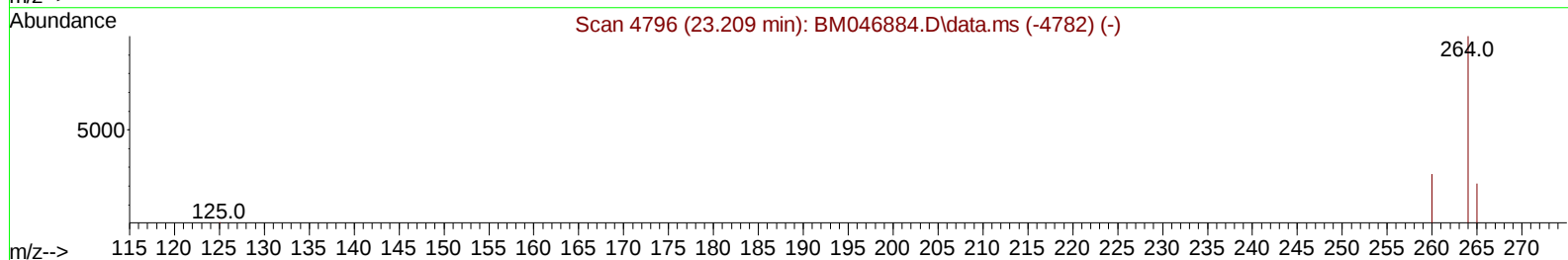
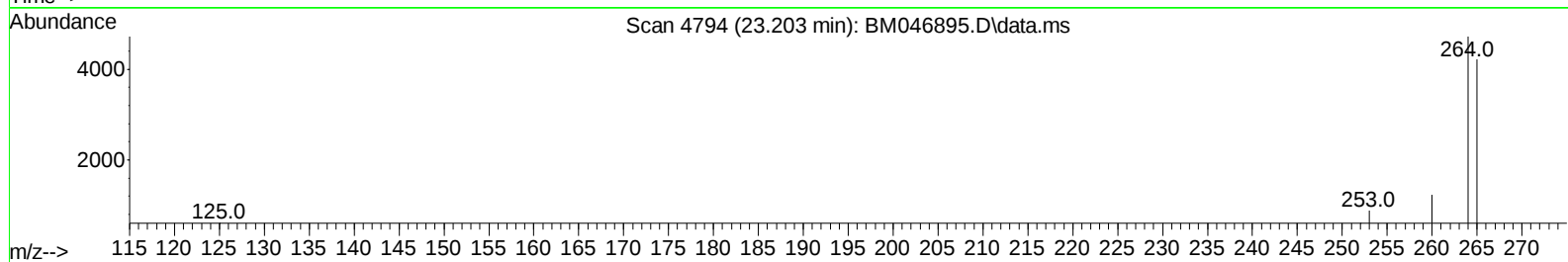
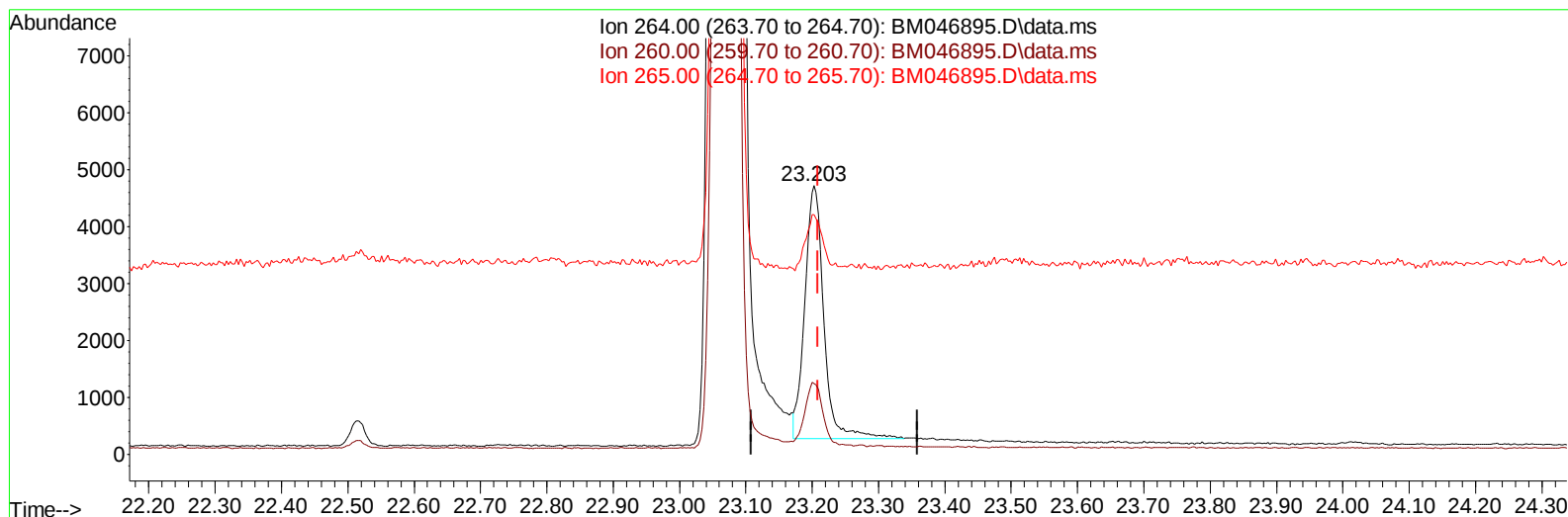
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/u1

response 8744

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.22
265.00	89.90	89.36
0.00	0.00	0.00

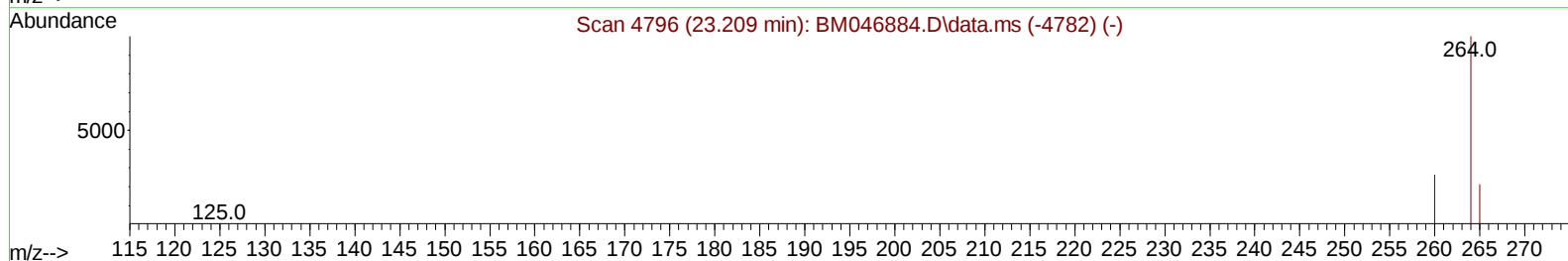
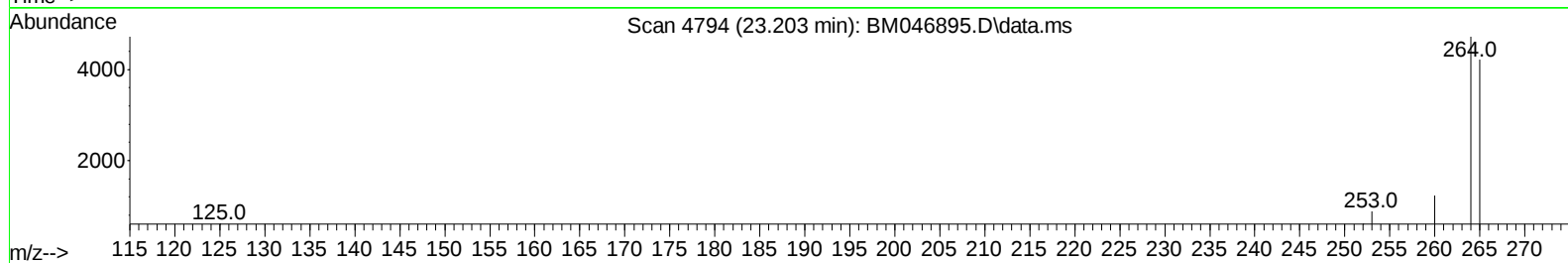
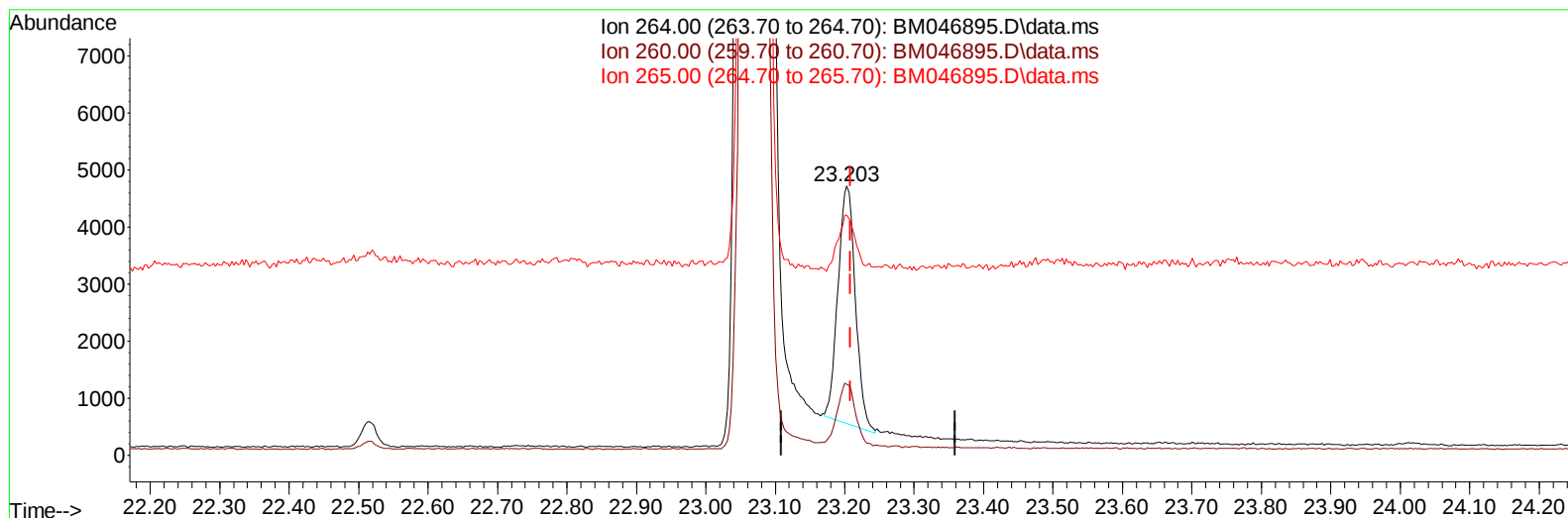
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/u1 m

response 7208

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.22
265.00	89.90	89.36
0.00	0.00	0.00

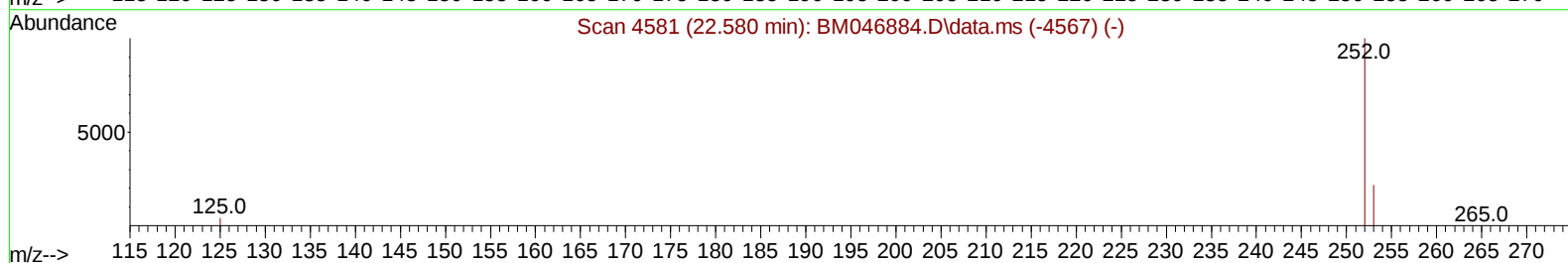
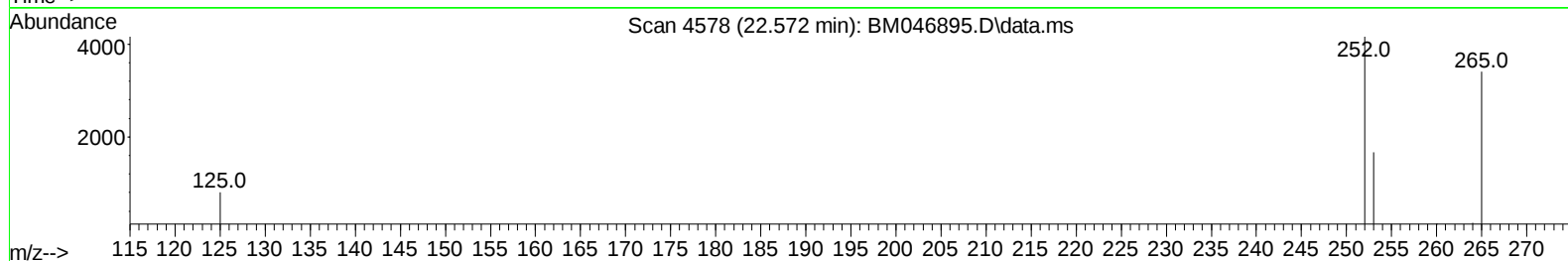
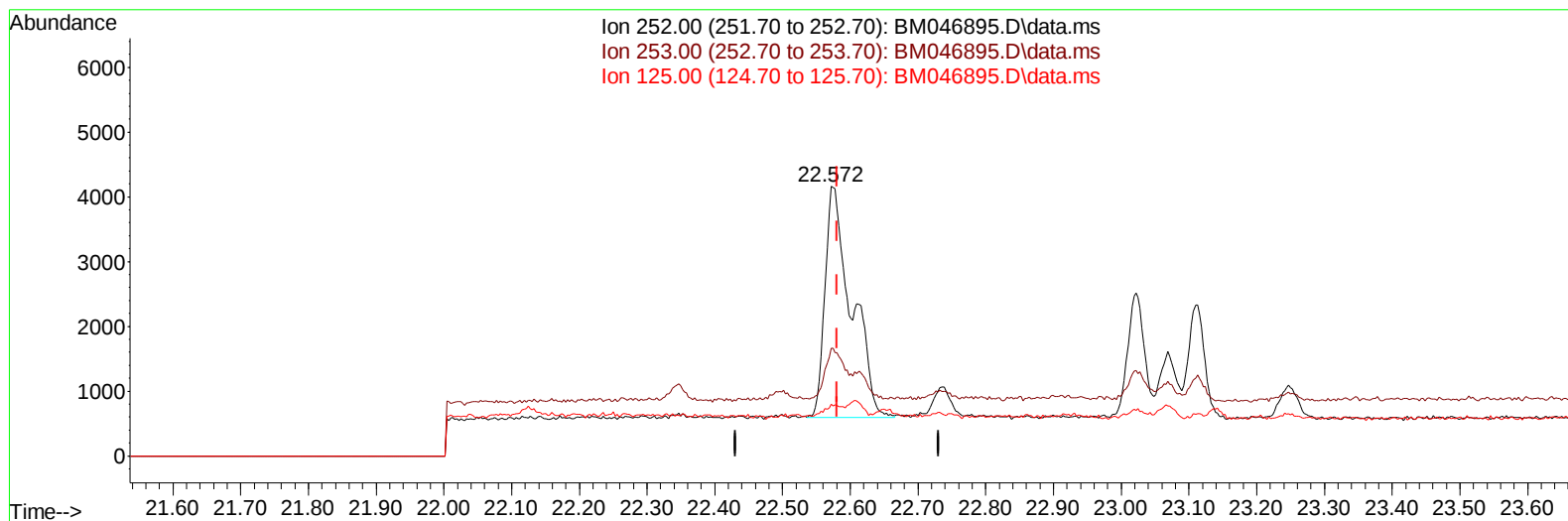
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(24) Benzo(b)fluoranthene

22.572min (-0.009) 0.31 ng/u1

response 9655

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	39.95
125.00	7.90	19.35#
0.00	0.00	0.00

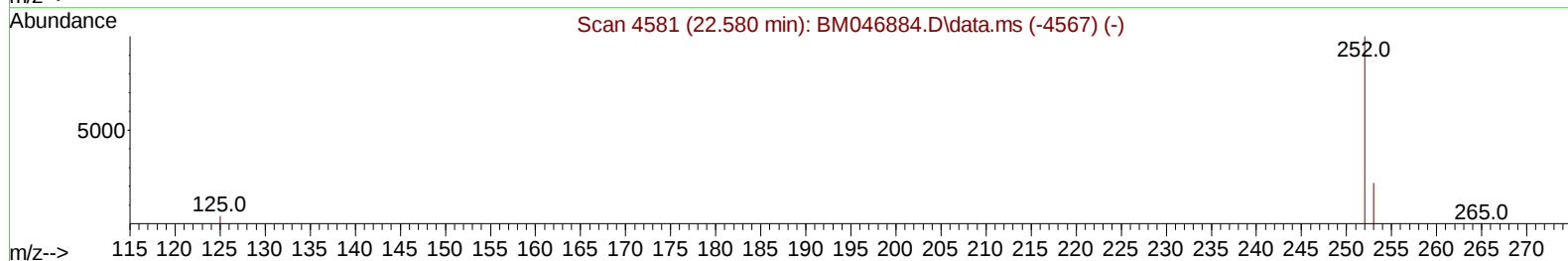
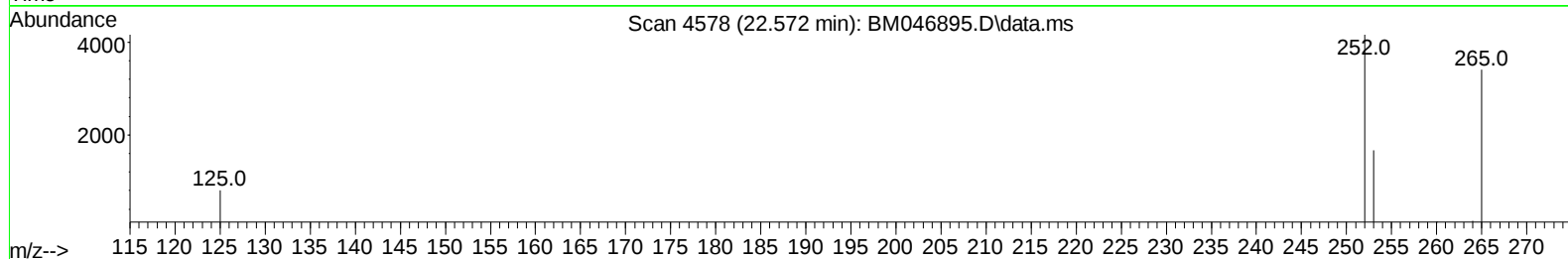
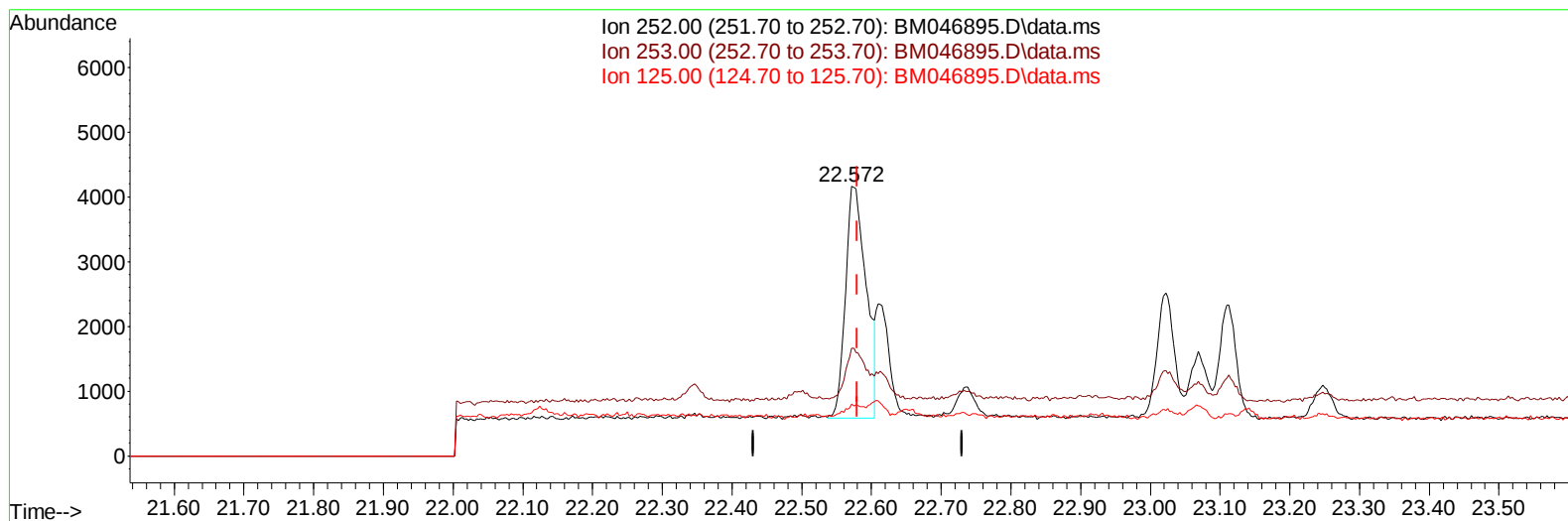
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(24) Benzo(b)fluoranthene

22.572min (-0.009) 0.23 ng/u1 m

response 7356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	39.95
125.00	7.90	19.35#
0.00	0.00	0.00

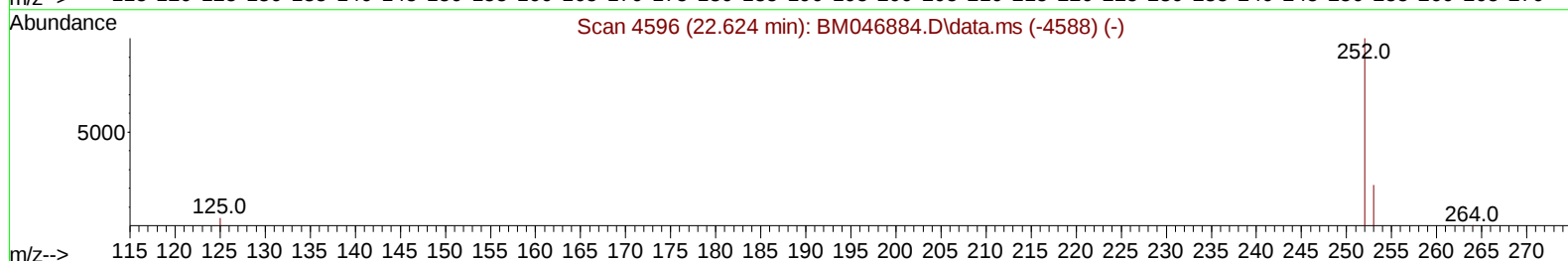
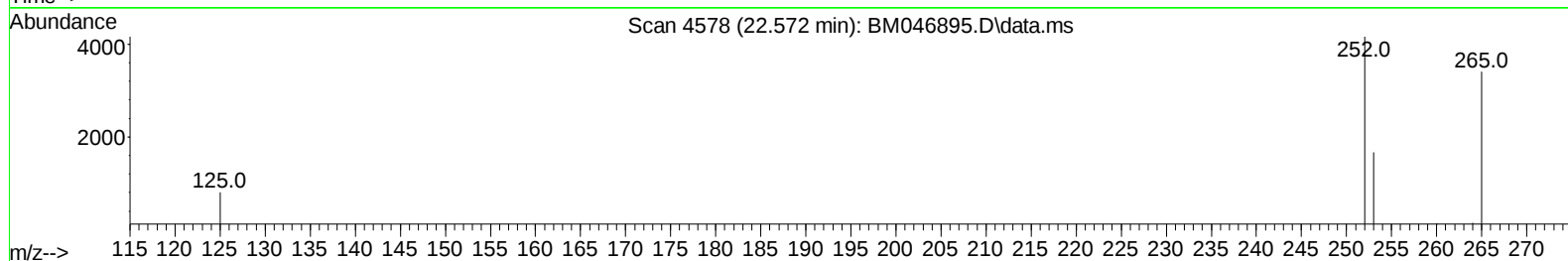
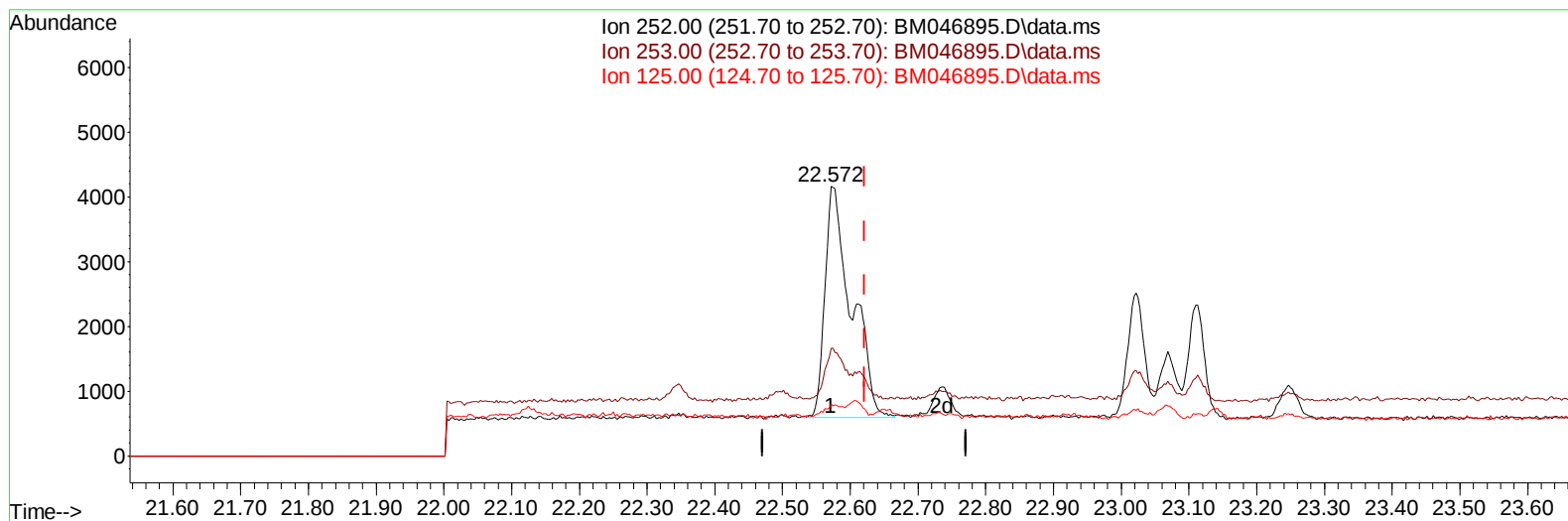
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(25) Benzo(k)fluoranthene

22.572min (-0.050) 0.30 ng/u1

response 9655

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	39.95#
125.00	10.80	19.35#
0.00	0.00	0.00

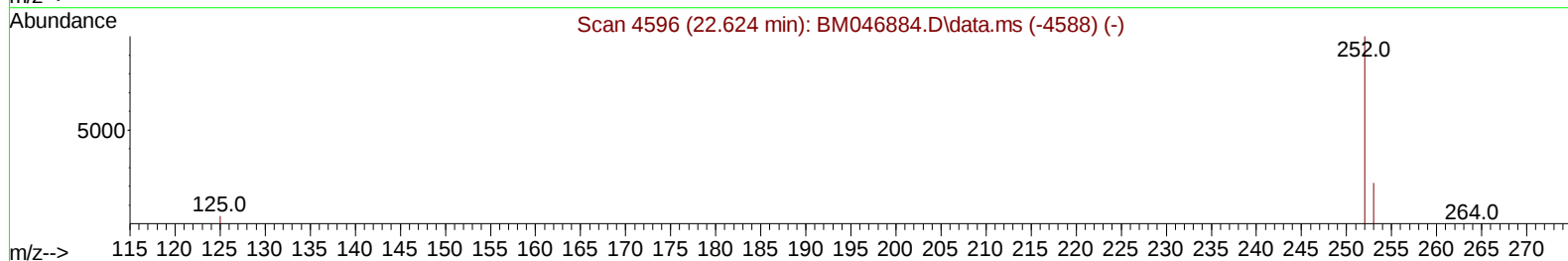
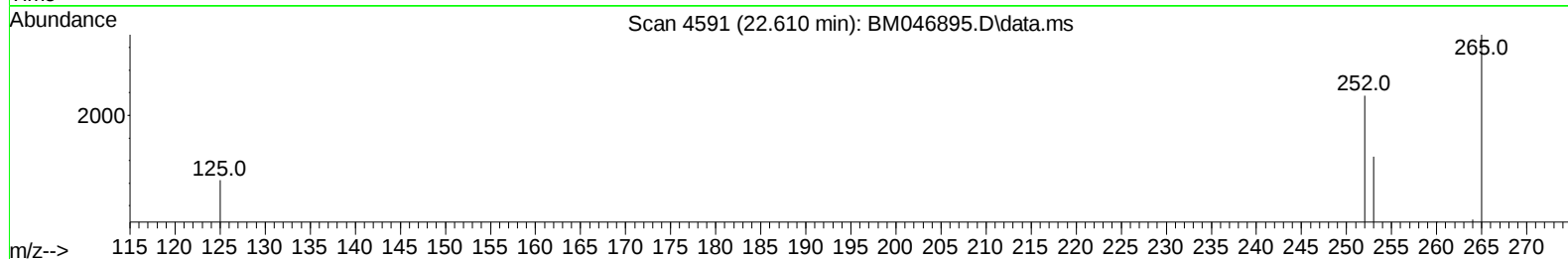
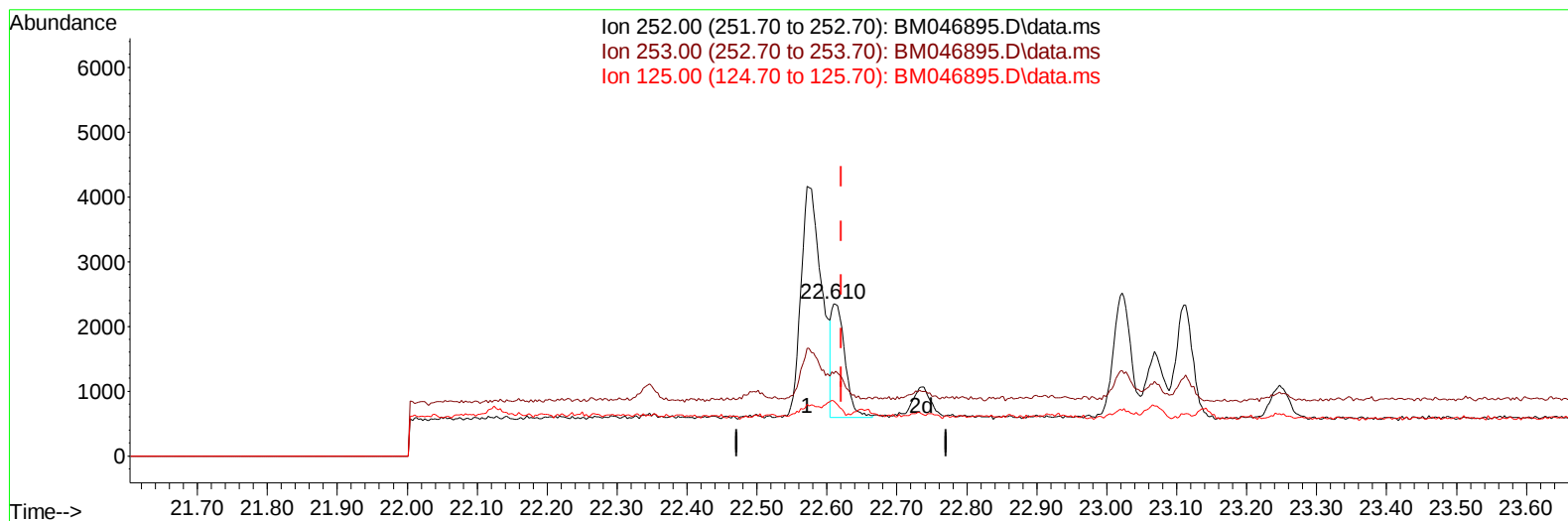
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046895.D\data.ms

(25) Benzo(k)fluoranthene

22.610min (-0.012) 0.07 ng/ul m

response 2361

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	54.10#
125.00	10.80	36.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046895.D
 Acq On : 29 Jul 2024 22:13
 Operator : MA/JU
 Sample : P3329-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E22

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:02:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.455	152		3286	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136		10239	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164		6687	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188		13403	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240		7832	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264		7208m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96		7919	3.442	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152		4025	0.247	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212		6648	0.261	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.260	128		737	0.028	ng/ul#	74
10) Acenaphthylene	13.822	152		802	0.026	ng/ul#	81
11) Acenaphthene	14.169	153		484	0.023	ng/ul	94
12) Fluorene	15.164	166		687	0.026	ng/ul#	96
15) Phenanthrene	16.905	178		7344	0.191	ng/ul	99
16) Anthracene	16.994	178		1789	0.050	ng/ul#	85
19) Fluoranthene	18.932	202		11937	0.347	ng/ul	98
20) Pyrene	19.300	202		11620m	0.327	ng/ul	
21) Benzo(a)anthracene	21.061	228		3870	0.119	ng/ul#	89
22) Chrysene	21.111	228		5018	0.151	ng/ul#	93
24) Benzo(b)fluoranthene	22.572	252		7356m	0.232	ng/ul	
25) Benzo(k)fluoranthene	22.610	252		2361m	0.074	ng/ul	
26) Benzo(a)pyrene	23.110	252		2949	0.130	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.303	276		2449	0.070	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.313	278		628	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	25.940	276		2162	0.070	ng/ul#	65

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046895.D
Acq On : 29 Jul 2024 22:13
Operator : MA/JU
Sample : P3329-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E22

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

