

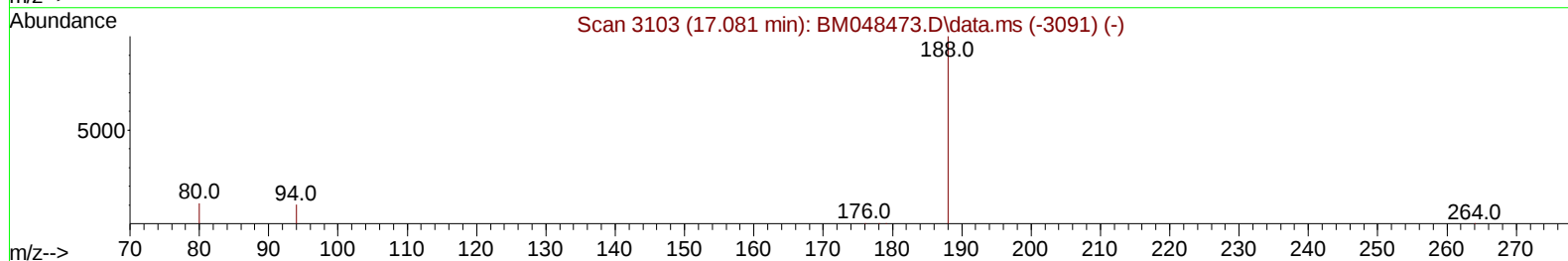
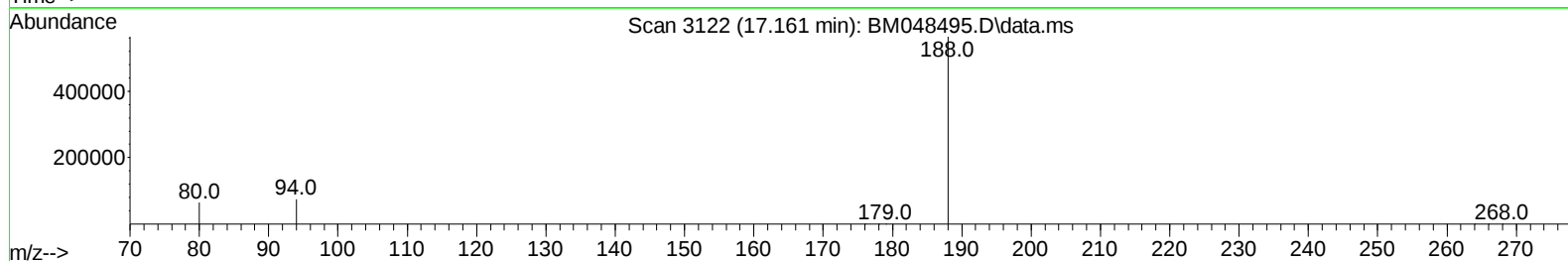
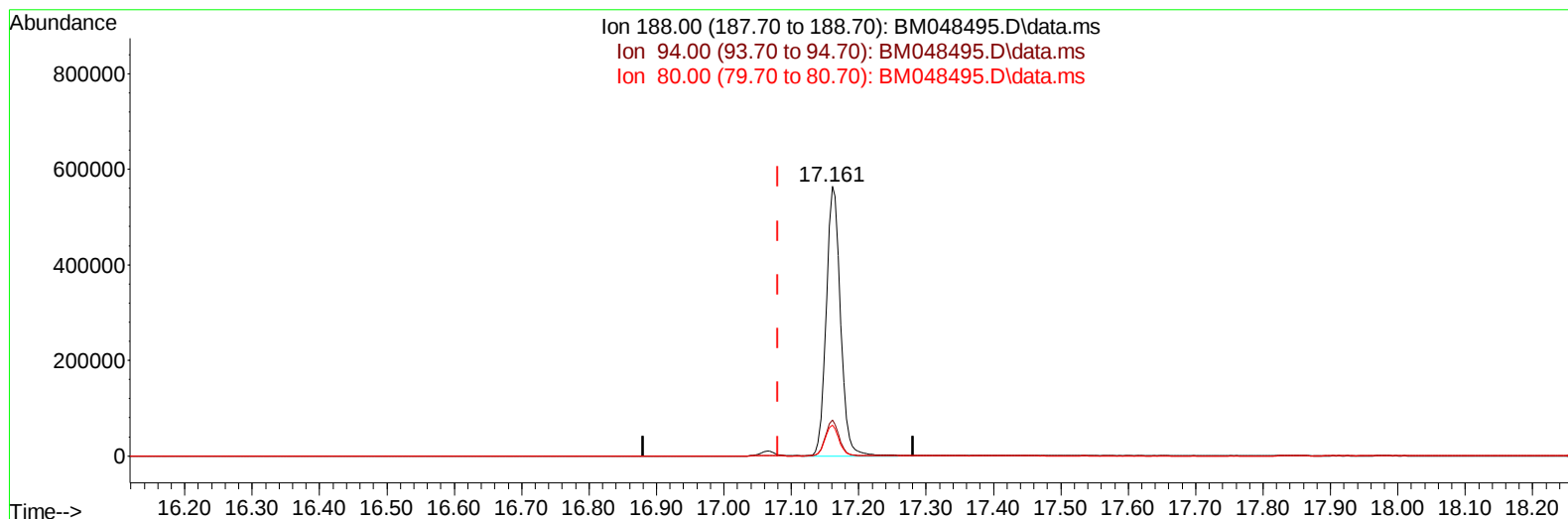
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(13) Phenanthrene-d10 (I)

17.161min (+ 0.080) 0.40 ng/u1

response 823176

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	13.26
80.00	12.60	11.49
0.00	0.00	0.00

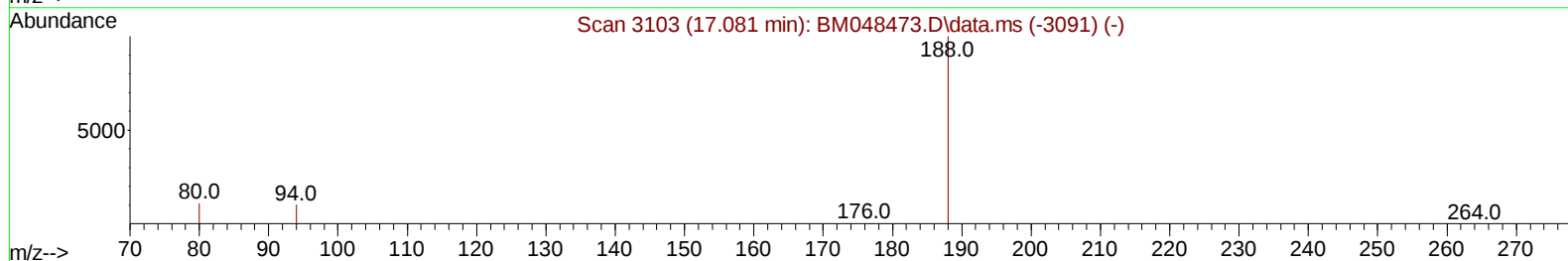
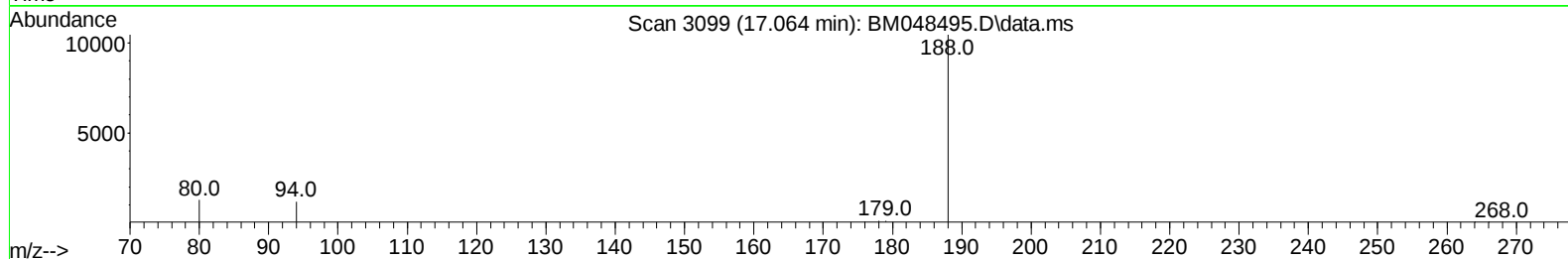
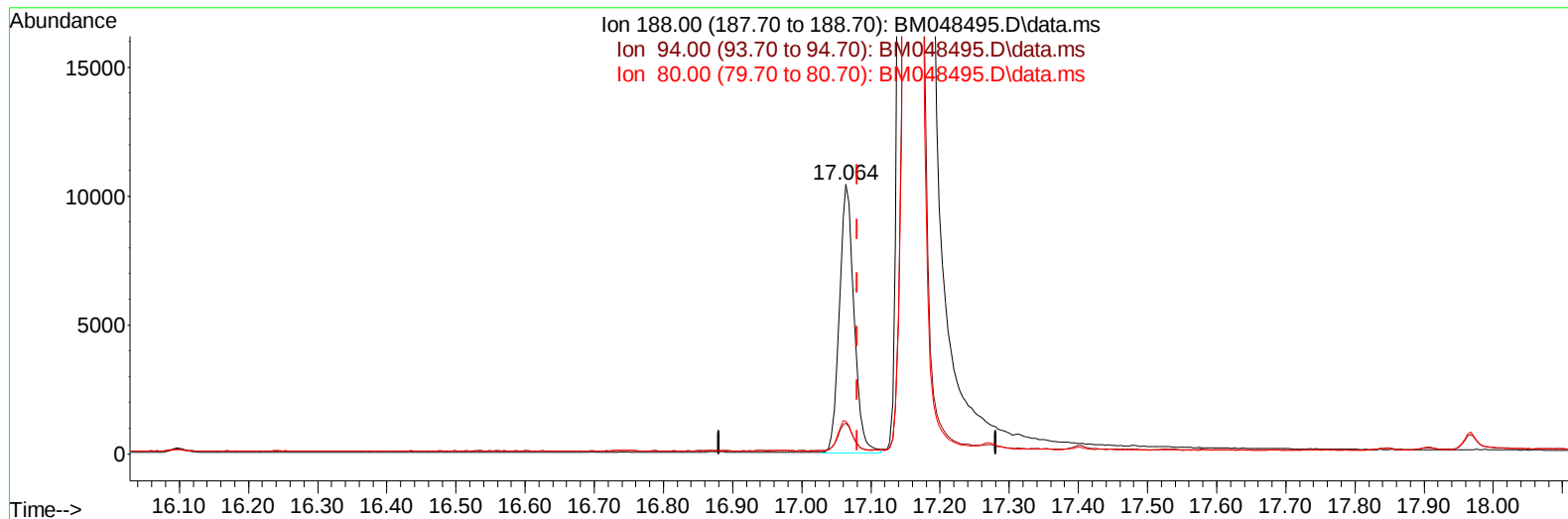
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (-0.017) 0.40 ng/ul m

response 15270

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	11.45
80.00	12.60	12.15
0.00	0.00	0.00

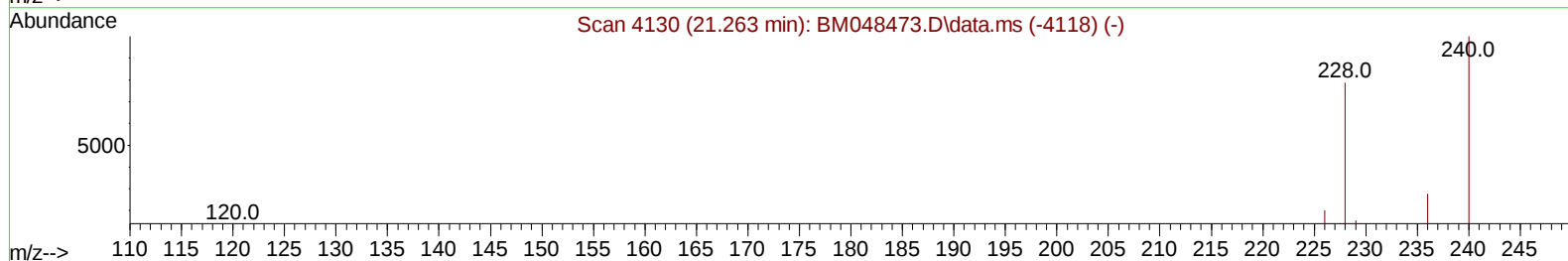
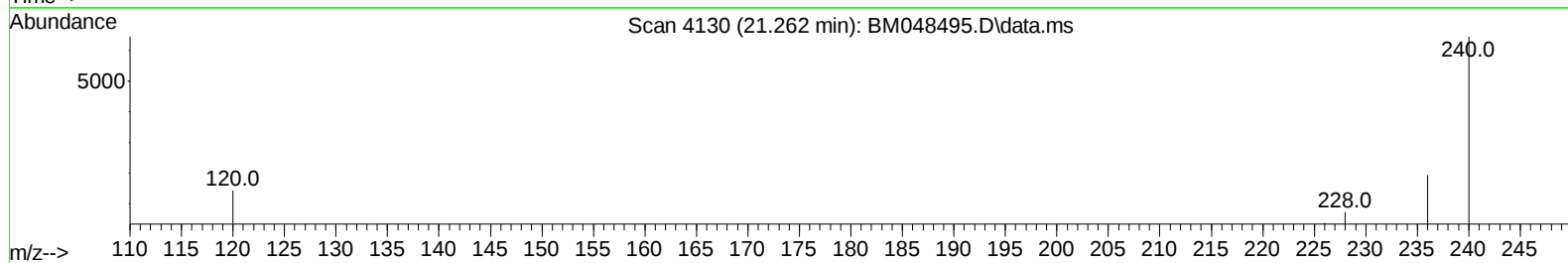
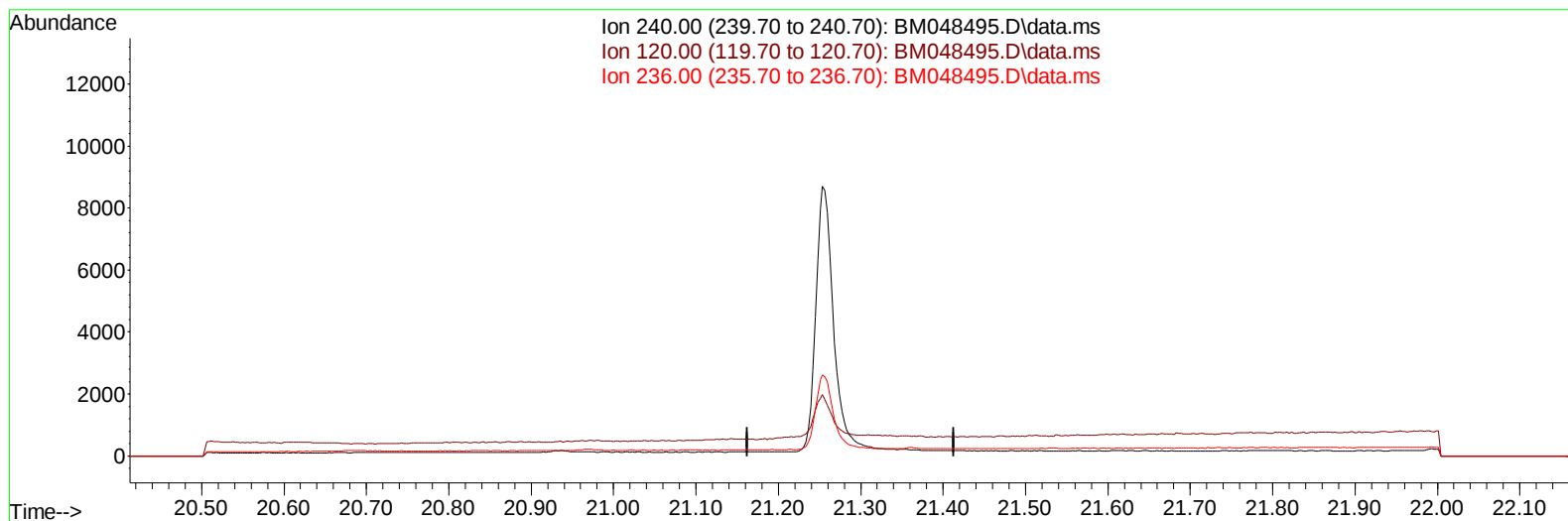
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048495.D
 Acq On : 07 Nov 2024 02:36
 Operator : RC/JU
 Sample : P4634-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(17) Chrysene-d12

21.263min (-21.263) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	20.50	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

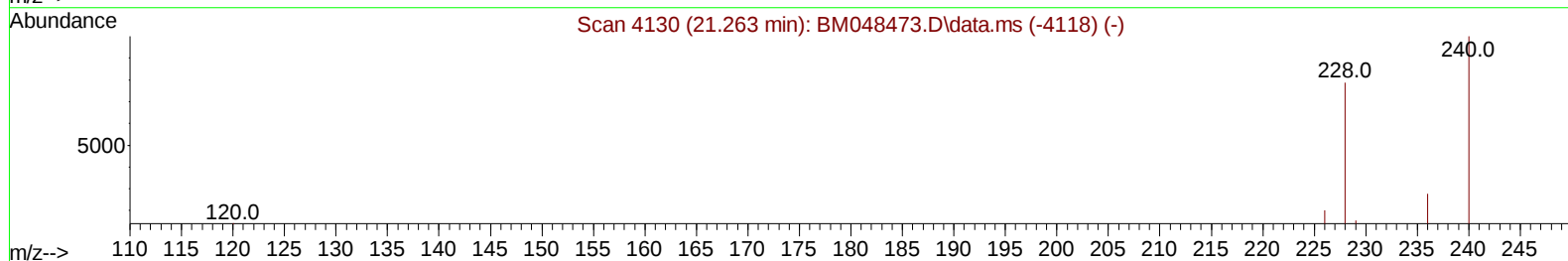
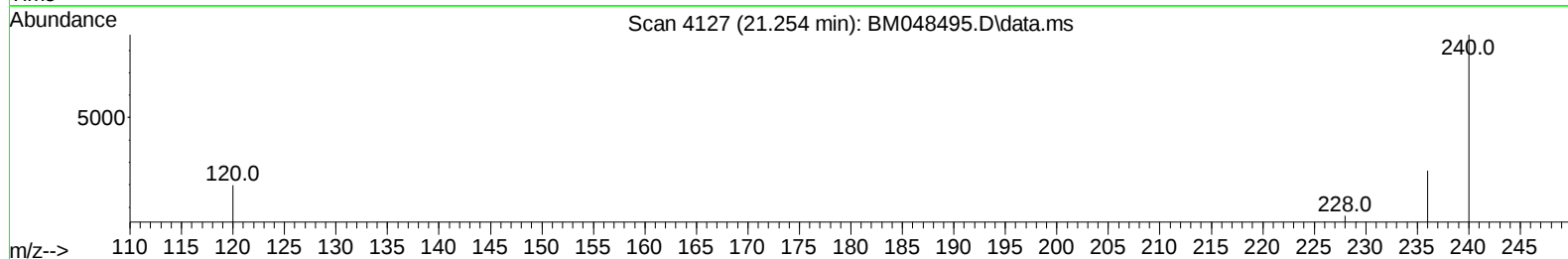
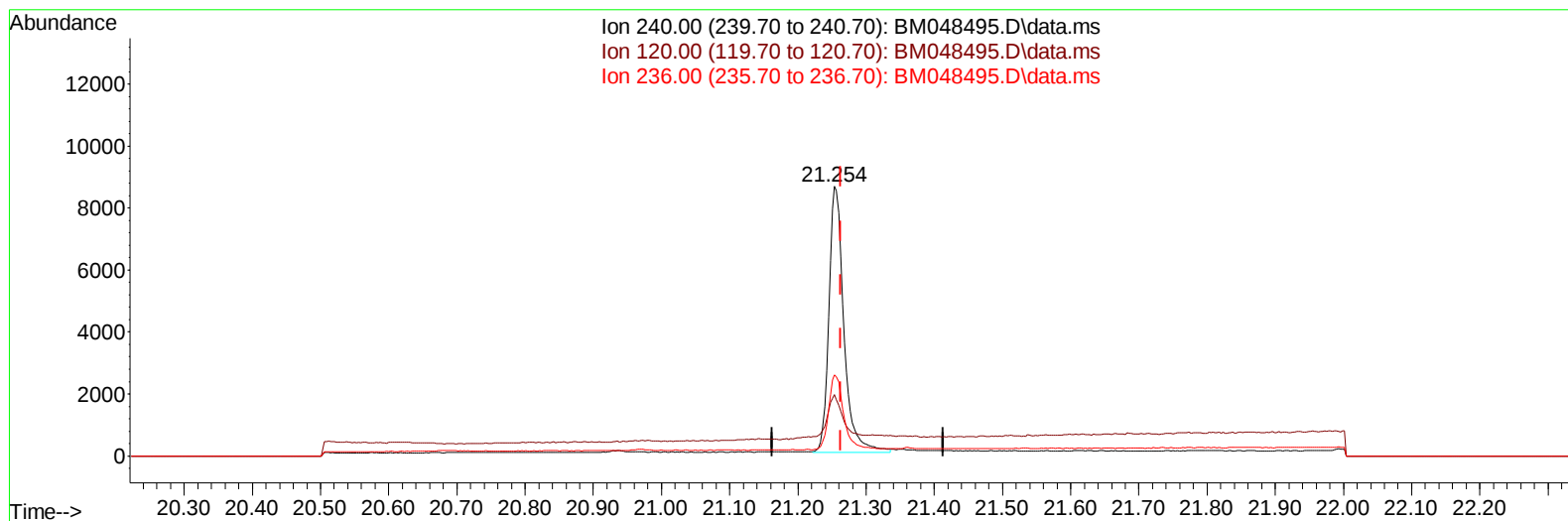
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(17) Chrysene-d12

21.254min (-0.009) 0.40 ng/ul m

response 13052

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	22.69
236.00	29.90	30.15
0.00	0.00	0.00

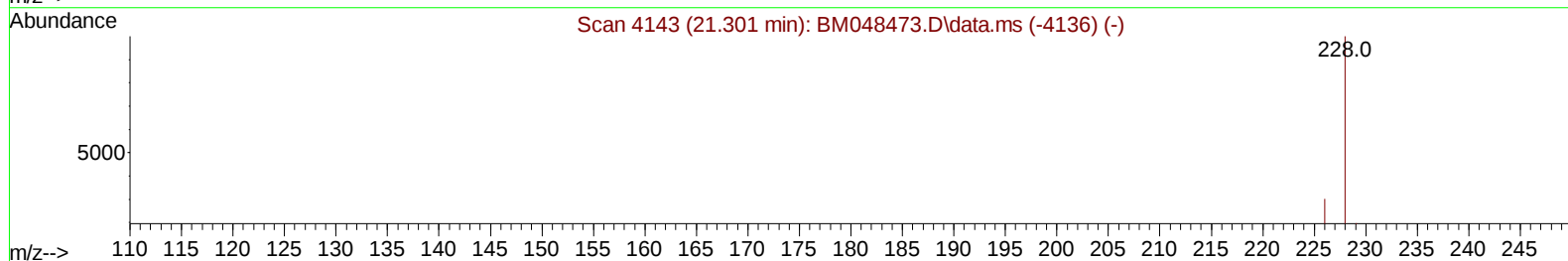
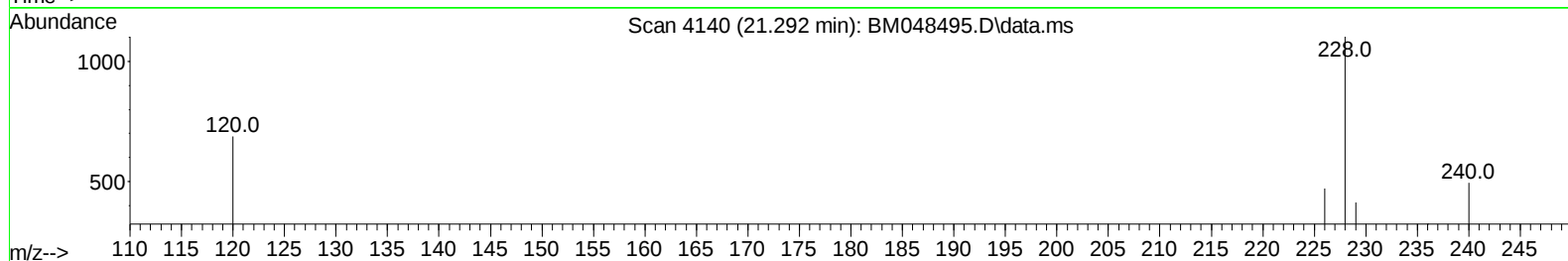
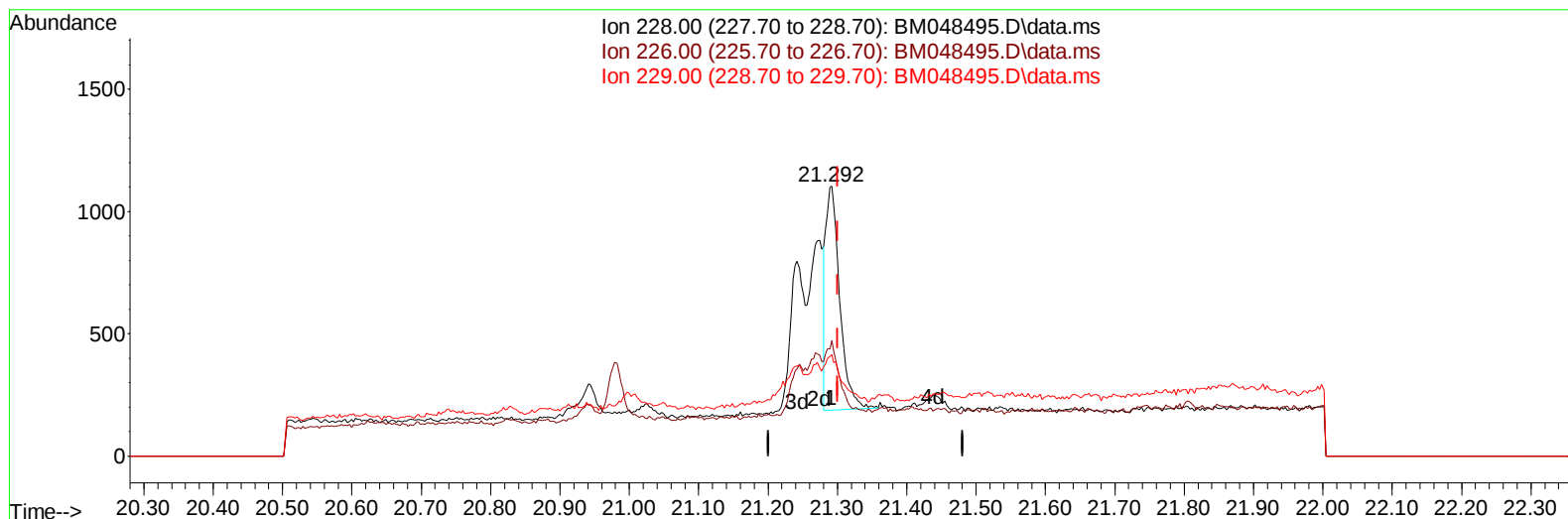
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(22) Chrysene

21.292min (-0.009) 0.02 ng/u1

response 1279

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	42.83#
229.00	20.60	37.66#
0.00	0.00	0.00

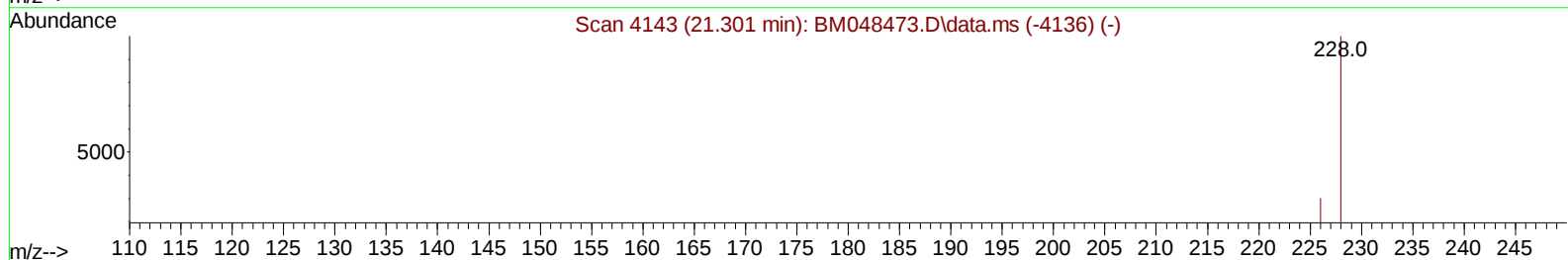
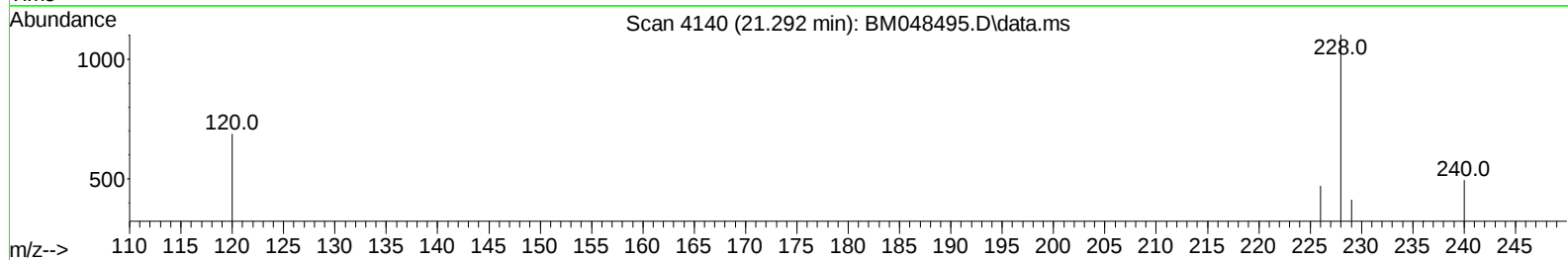
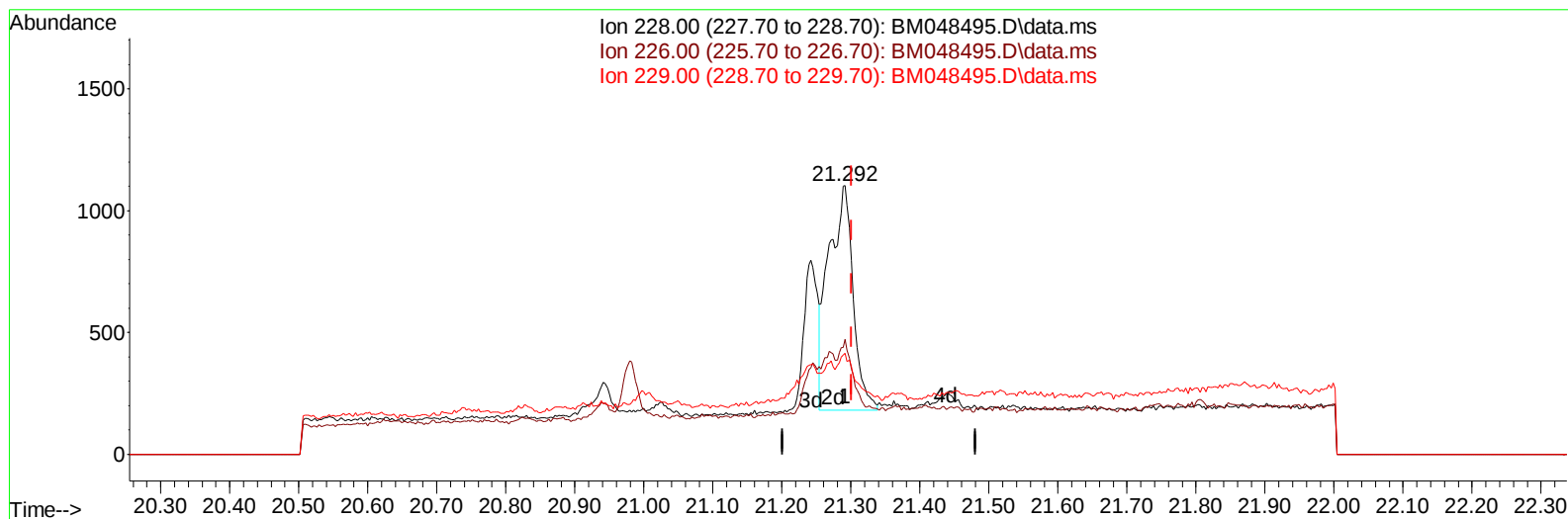
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(22) Chrysene

21.292min (-0.009) 0.04 ng/ul m

response 2267

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	42.83#
229.00	20.60	37.66#
0.00	0.00	0.00

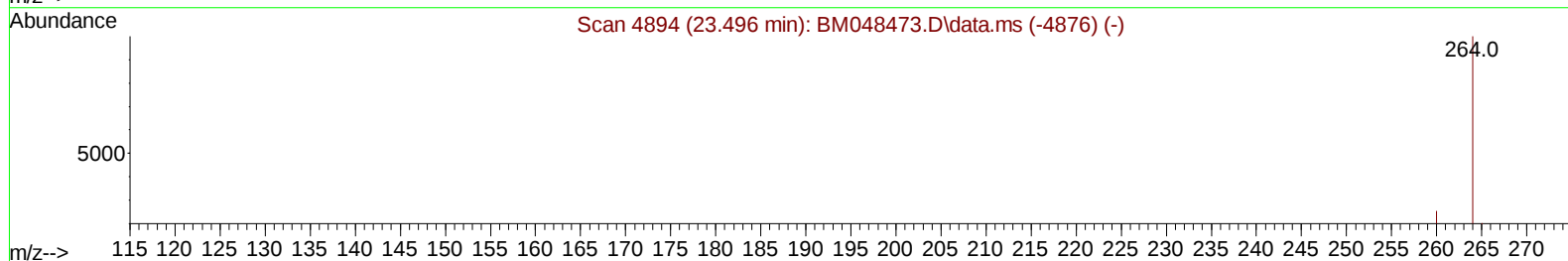
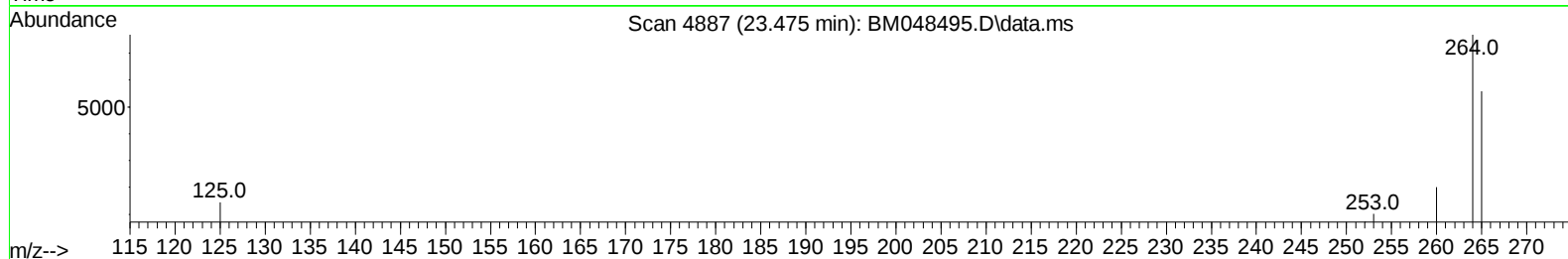
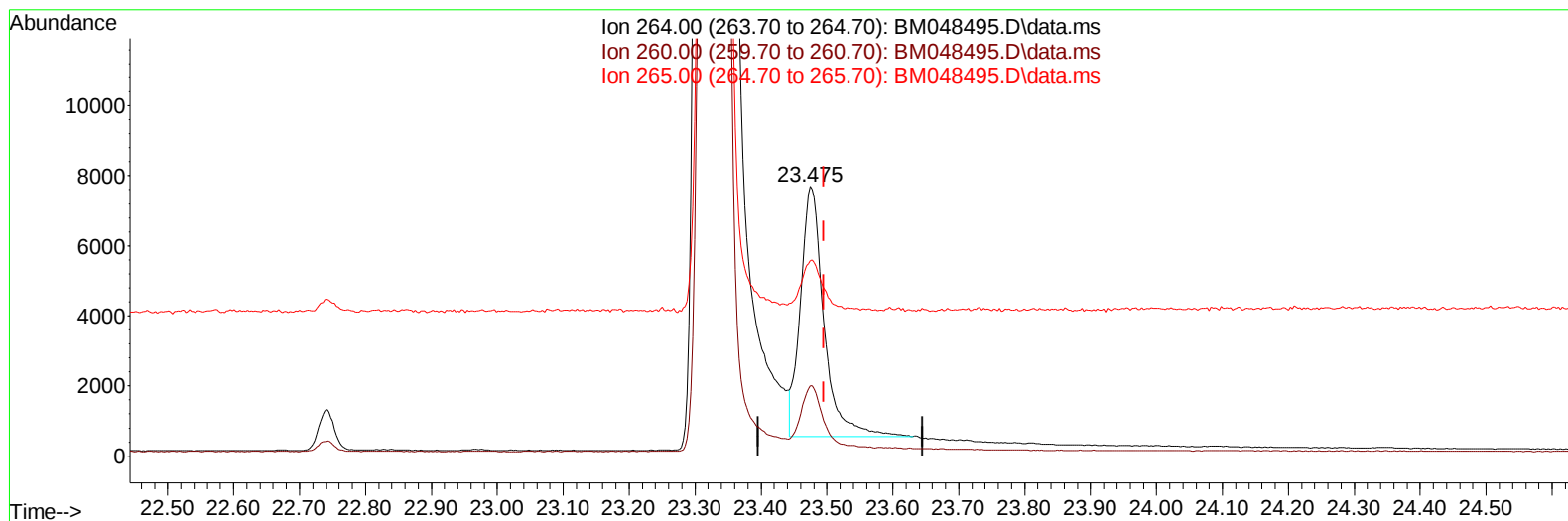
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/u1

response 17733

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.04
265.00	119.80	72.52#
0.00	0.00	0.00

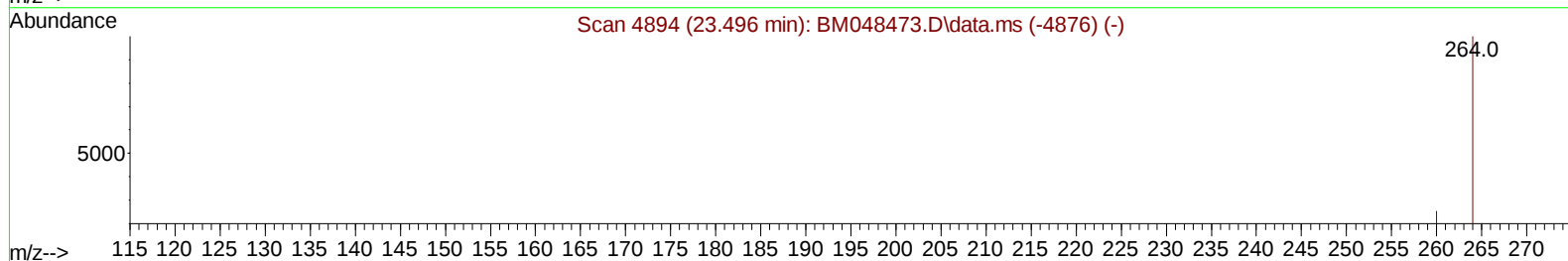
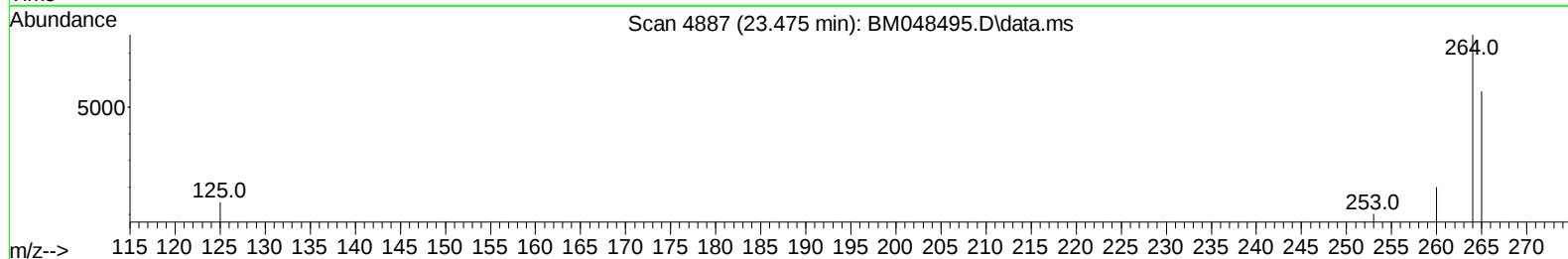
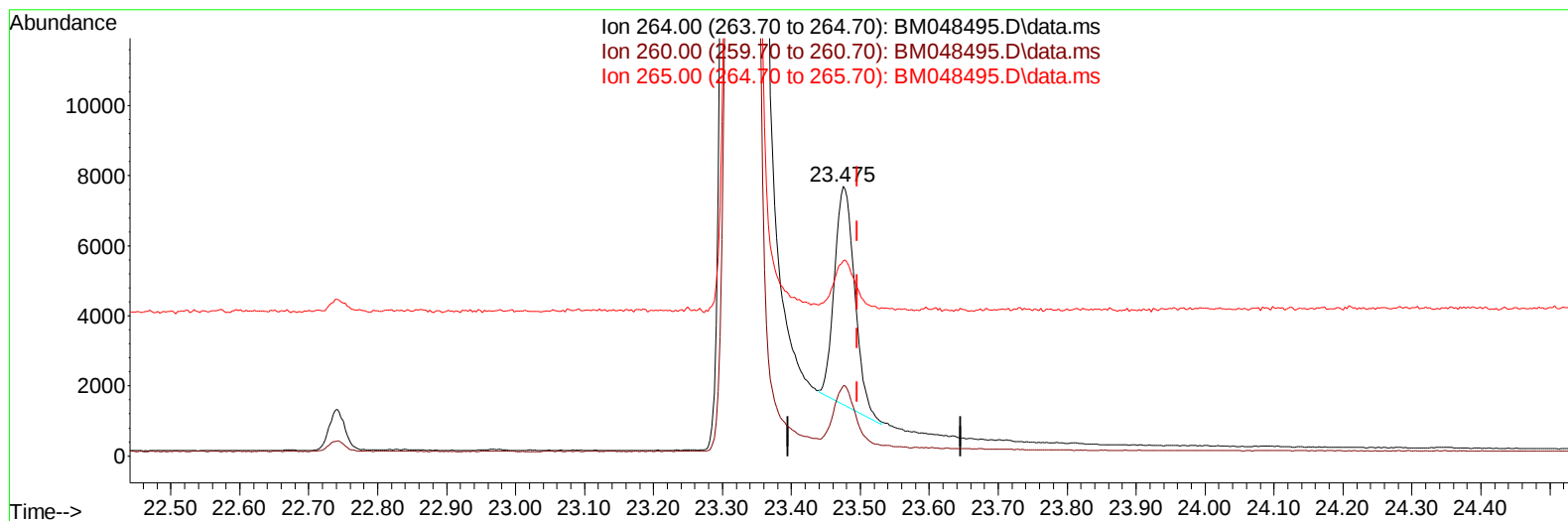
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/ul m

response 12764

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.04
265.00	119.80	72.52#
0.00	0.00	0.00

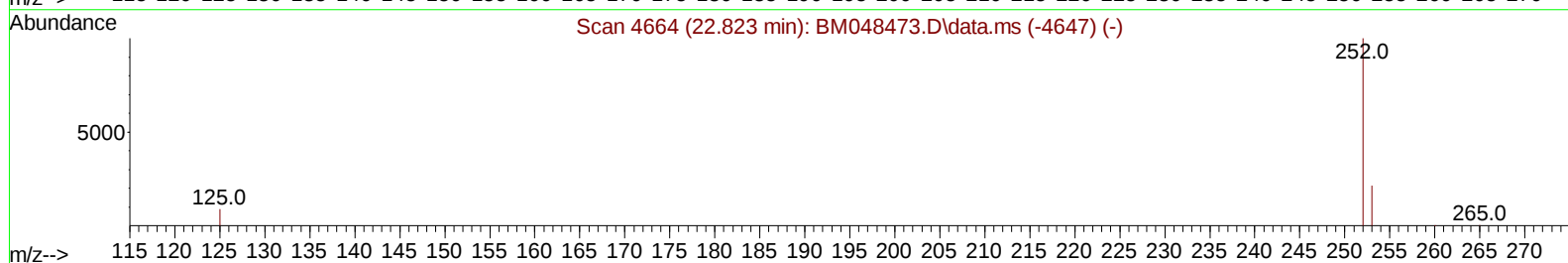
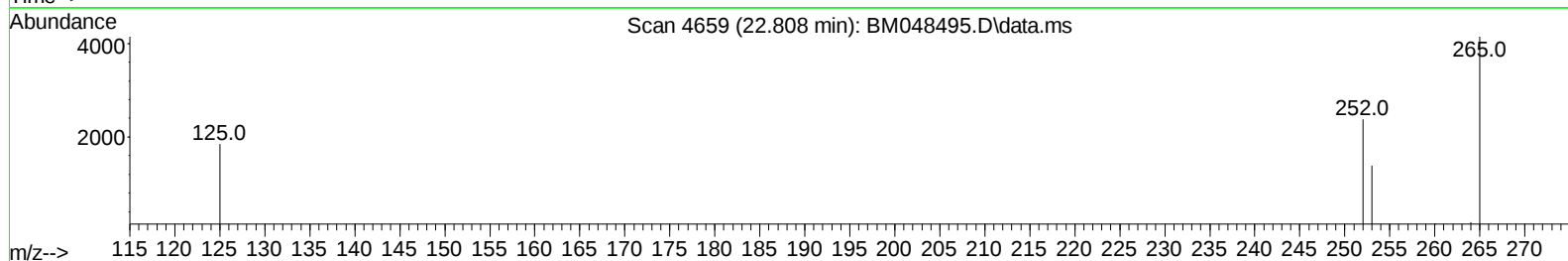
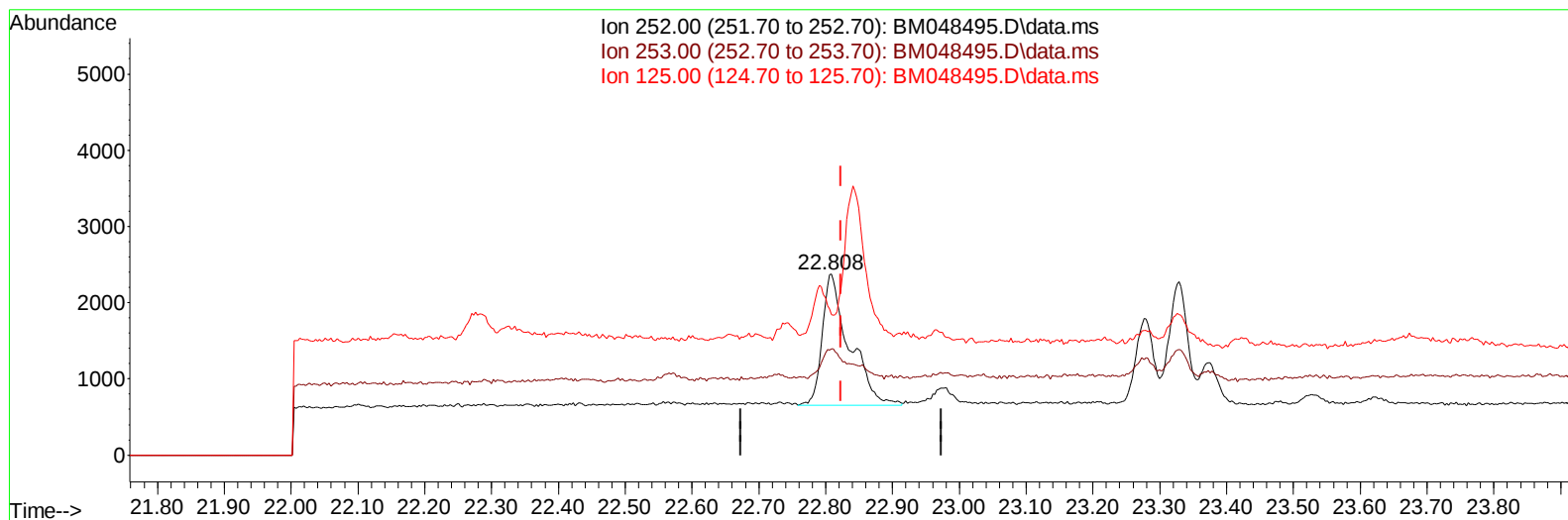
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(24) Benzo(b)fluoranthene

22.808min (-0.015) 0.12 ng/u1

response 4842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	58.64
125.00	21.60	77.76#
0.00	0.00	0.00

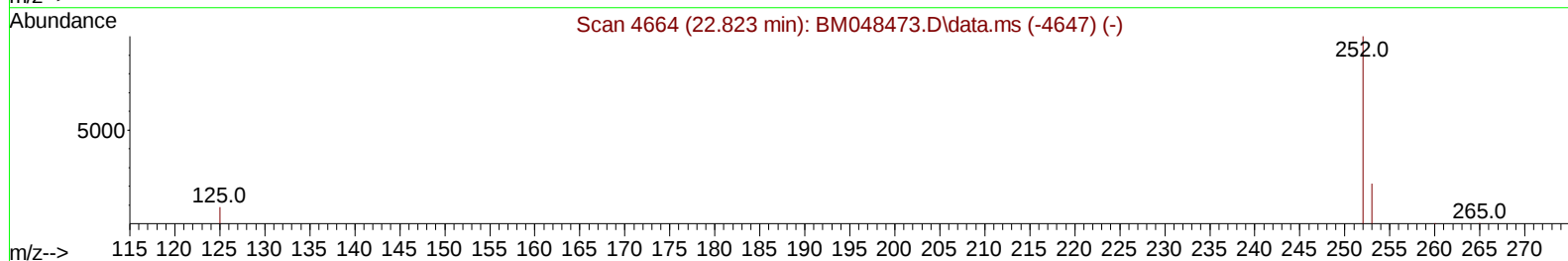
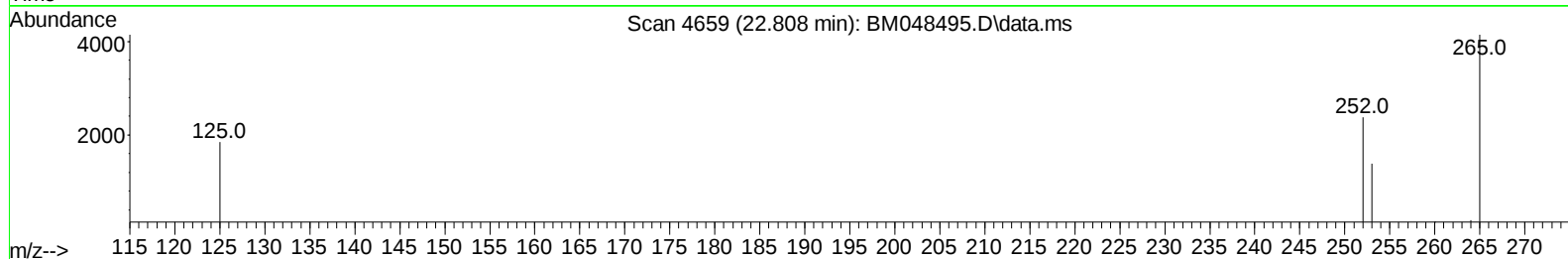
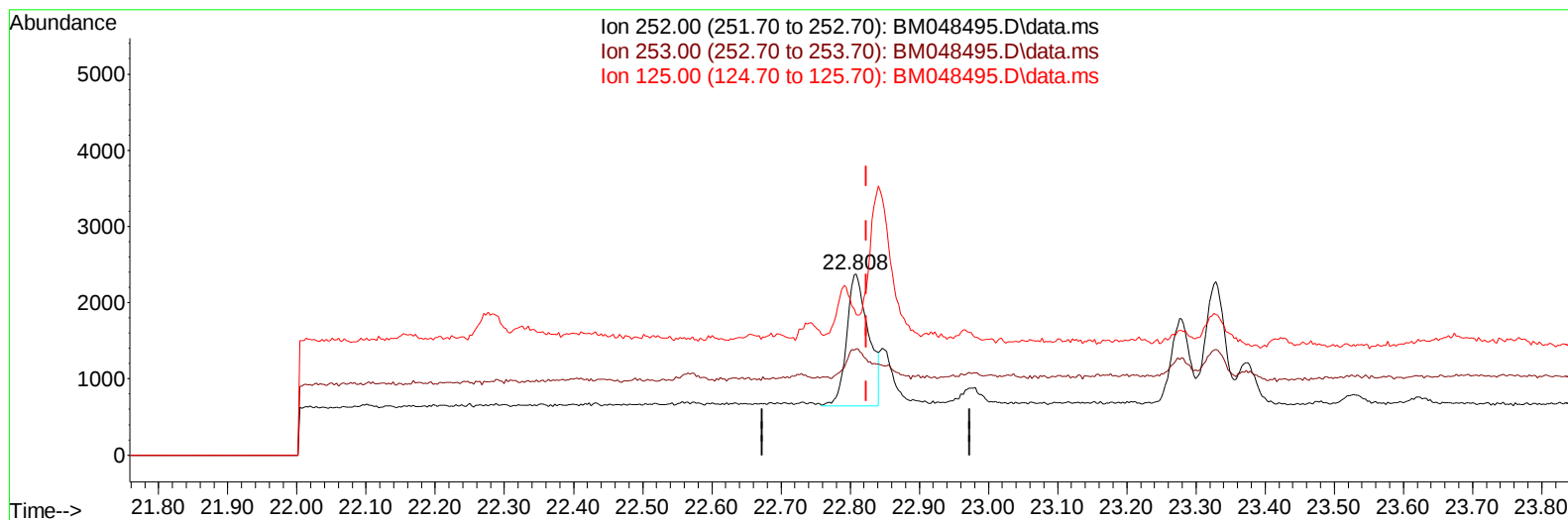
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(24) Benzo(b)fluoranthene

22.808min (-0.015) 0.10 ng/u1 m

response 3804

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	58.64
125.00	21.60	77.76#
0.00	0.00	0.00

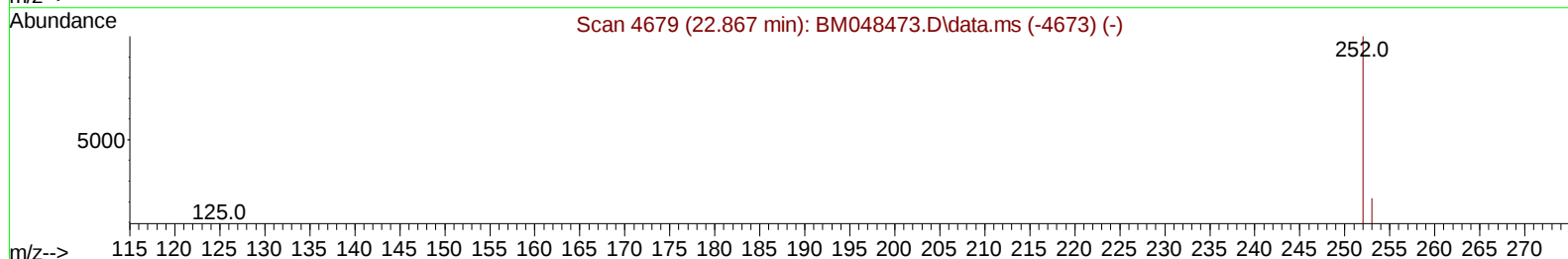
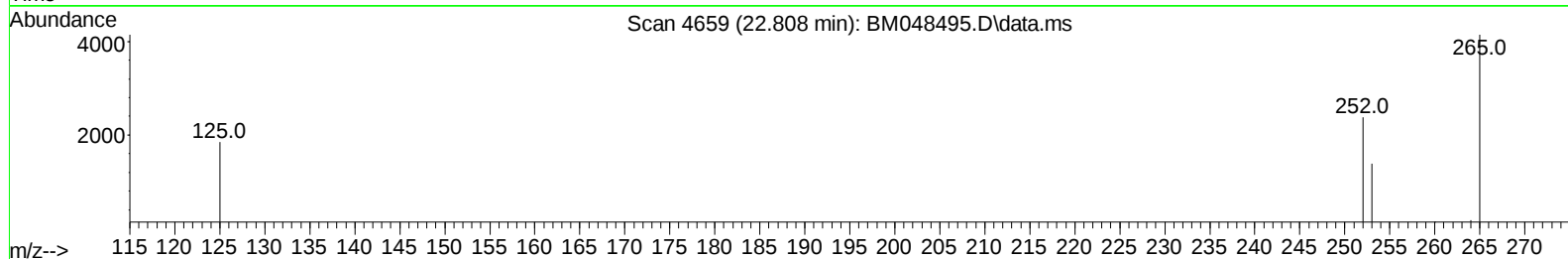
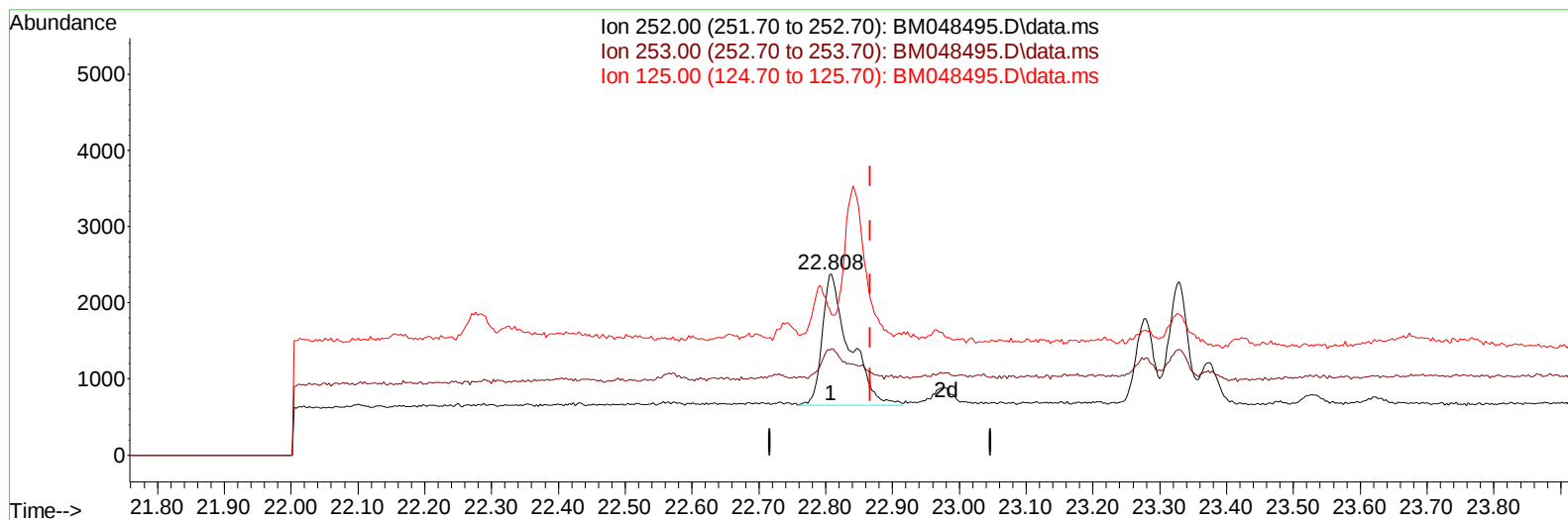
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048495.D\data.ms

(25) Benzo(k)fluoranthene

22.808min (-0.059) 0.10 ng/u1

response 4842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	58.64#
125.00	21.70	77.76#
0.00	0.00	0.00

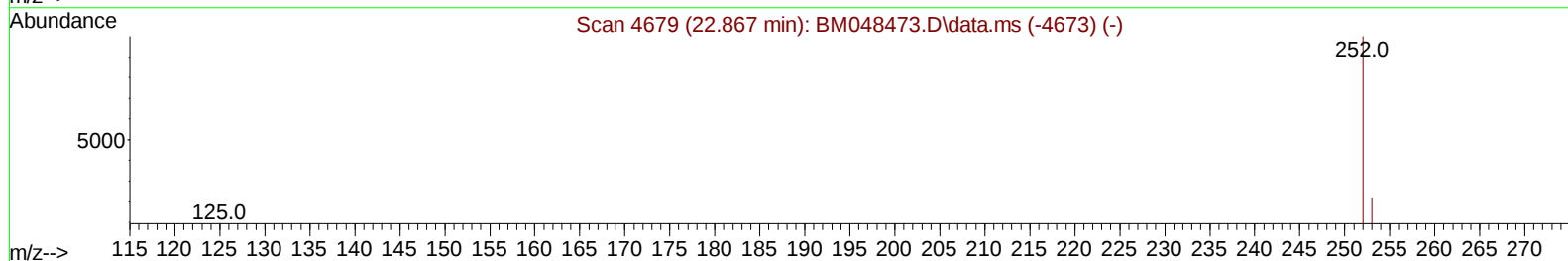
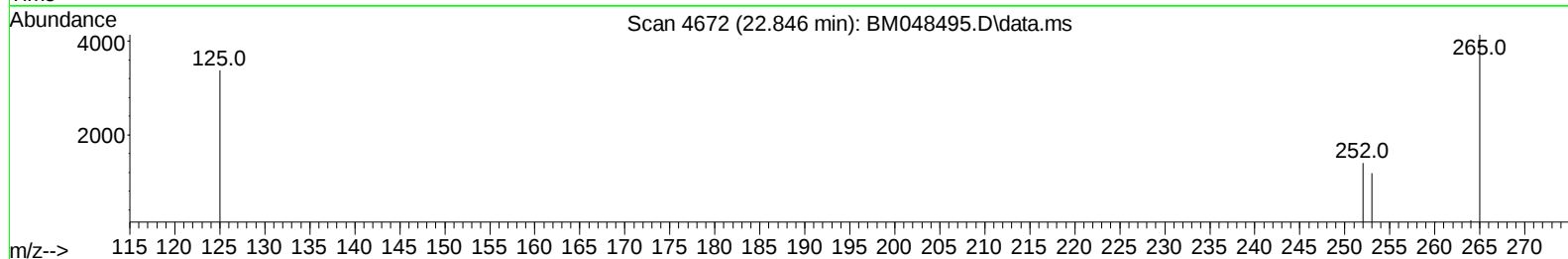
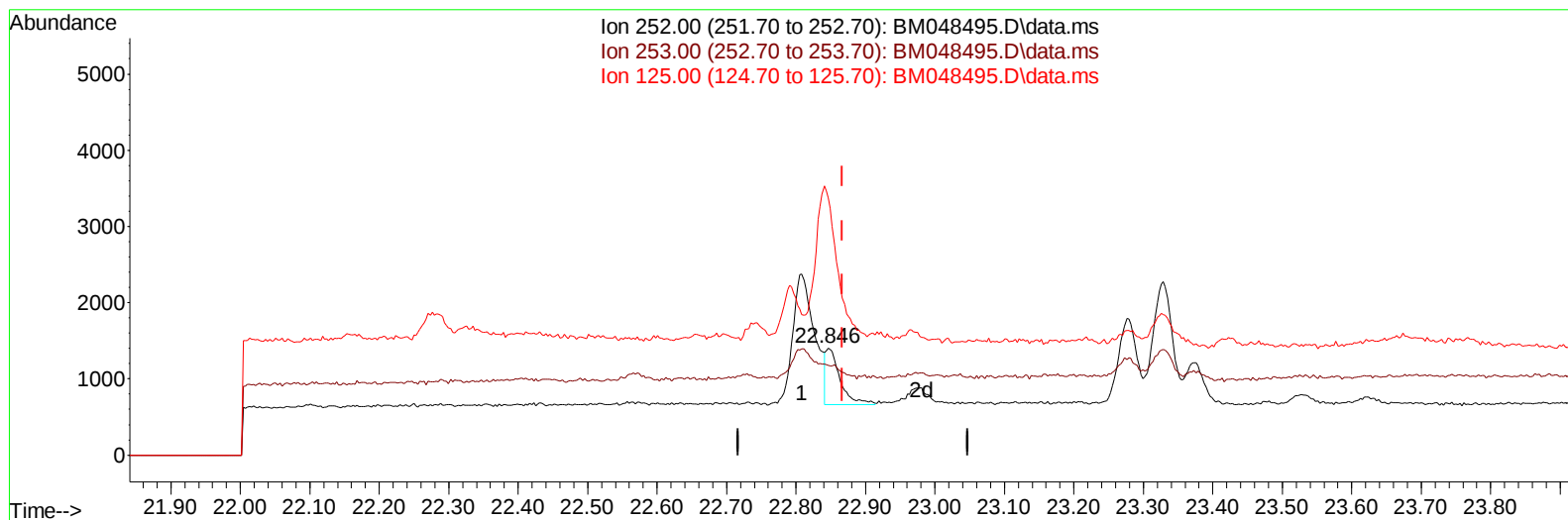
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048495.D
Acq On : 07 Nov 2024 02:36
Operator : RC/JU
Sample : P4634-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0Q6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration



TIC: BM048495.D\data.ms

(25) Benzo(k)fluoranthene

22.846min (-0.021) 0.02 ng/u1 m

response 1078

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	83.89#
125.00	21.70	240.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048495.D
 Acq On : 07 Nov 2024 02:36
 Operator : RC/JU
 Sample : P4634-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q6

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:11:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.674	152		4549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136		14217	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164		7553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188		15270m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.254	240		13052m	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264		12764m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.134	96		21683	3.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152		4928	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.098	212		10337	0.282	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.506	128		996	0.028	ng/ul#	68
19) Fluoranthene	19.126	202		2088	0.043	ng/ul#	63
20) Pyrene	19.488	202		2030	0.039	ng/ul#	78
21) Benzo(a)anthracene	21.242	228		950	0.022	ng/ul#	58
22) Chrysene	21.292	228		2267m	0.044	ng/ul	
24) Benzo(b)fluoranthene	22.808	252		3804m	0.096	ng/ul	
25) Benzo(k)fluoranthene	22.846	252		1078m	0.023	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.728	276		1309	0.024	ng/ul#	56
29) Benzo(g,h,i)perylene	26.423	276		1646	0.036	ng/ul#	35

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

