

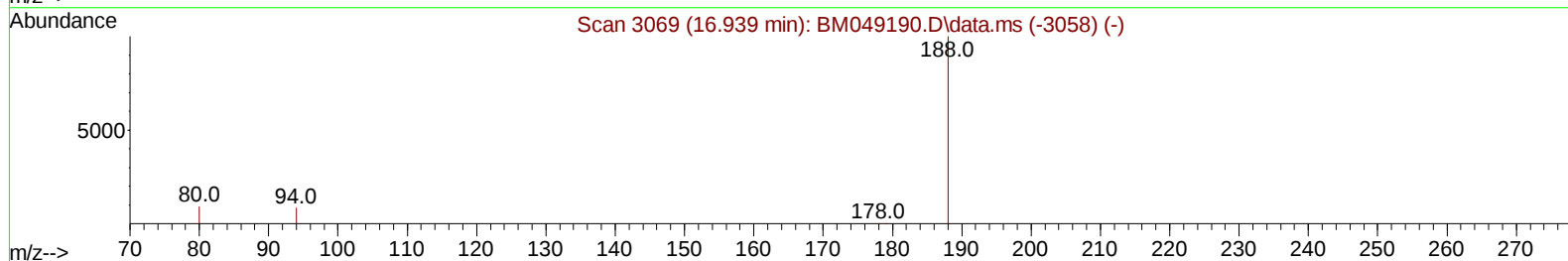
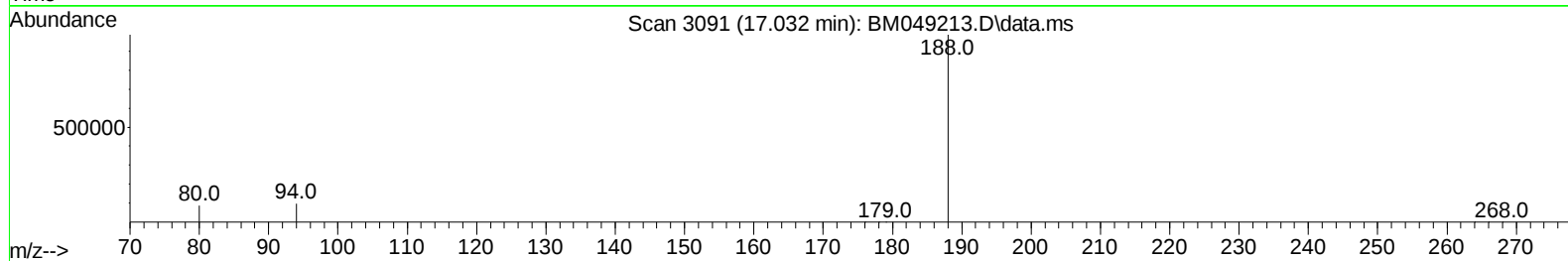
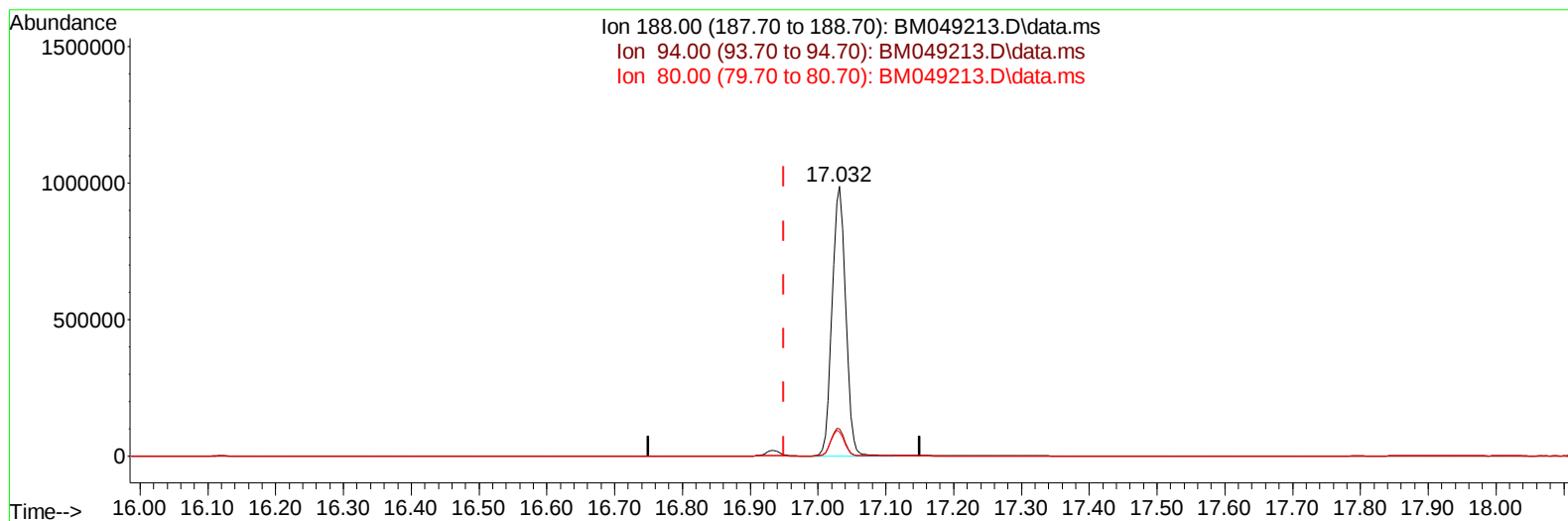
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(13) Phenanthrene-d10 (I)

17.032min (+ 0.082) 0.40 ng/u1

response 1364257

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.95
80.00	10.70	8.97
0.00	0.00	0.00

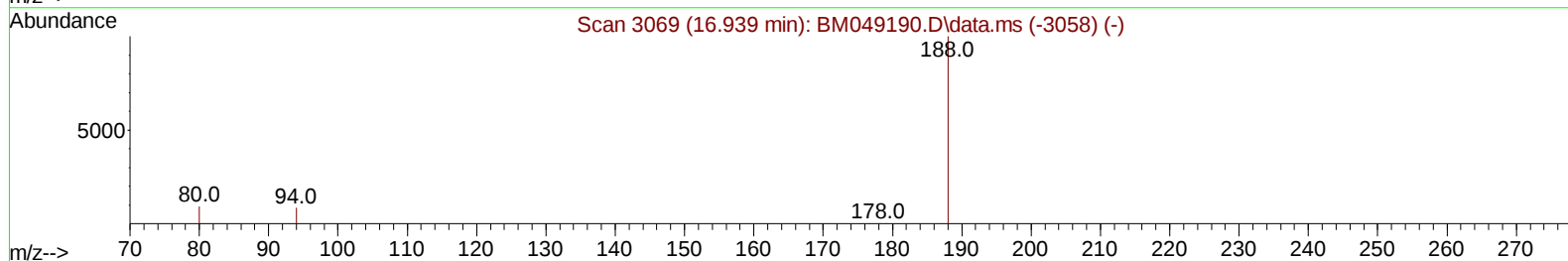
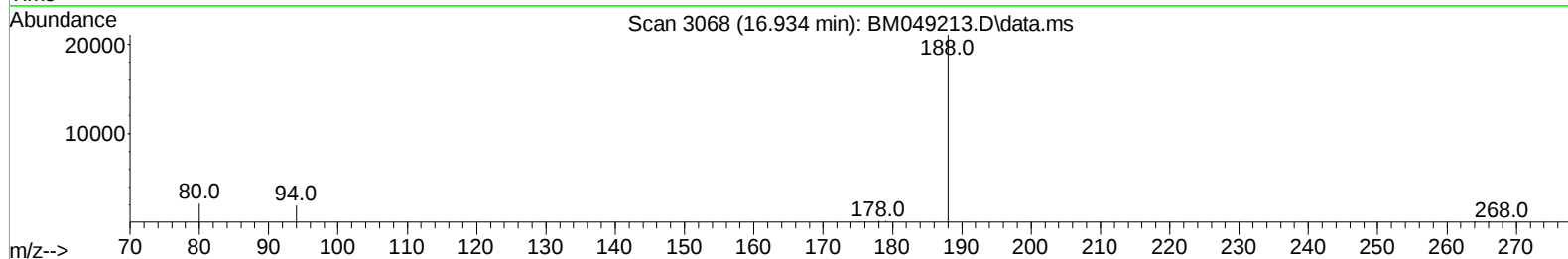
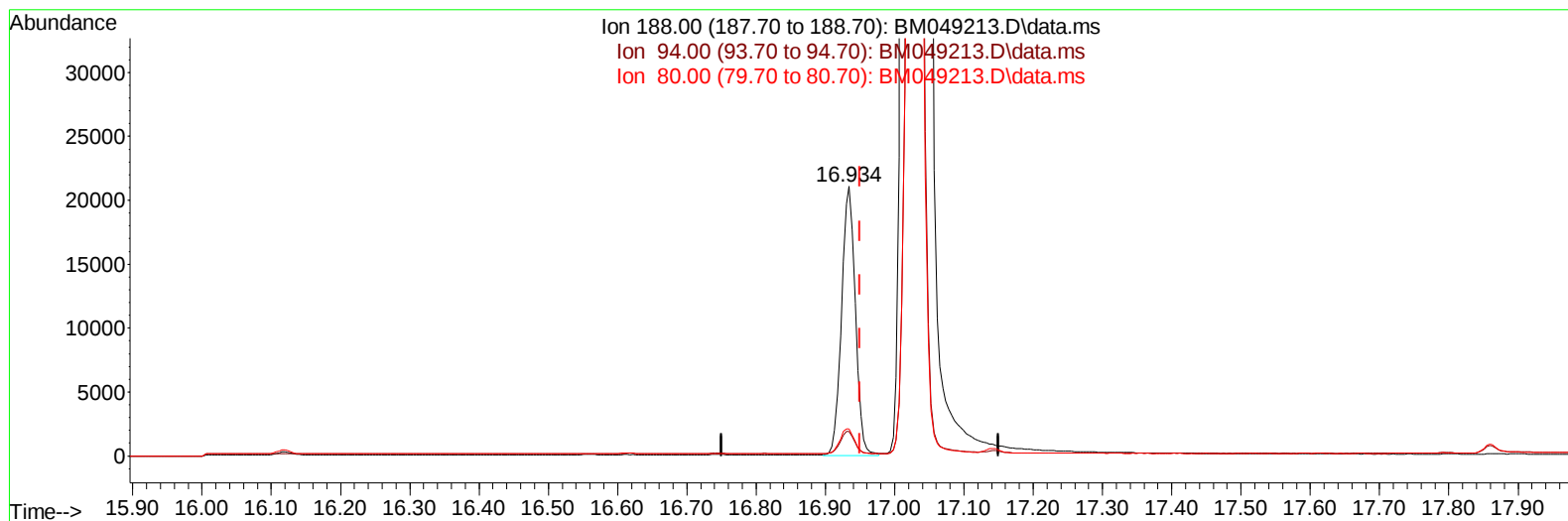
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(13) Phenanthrene-d10 (I)

16.934min (-0.015) 0.40 ng/ul m

response 29237

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.07
80.00	10.70	10.11
0.00	0.00	0.00

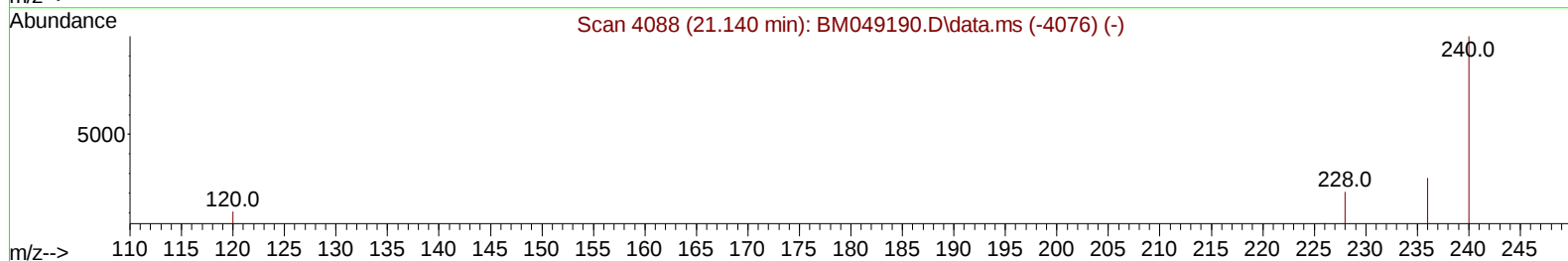
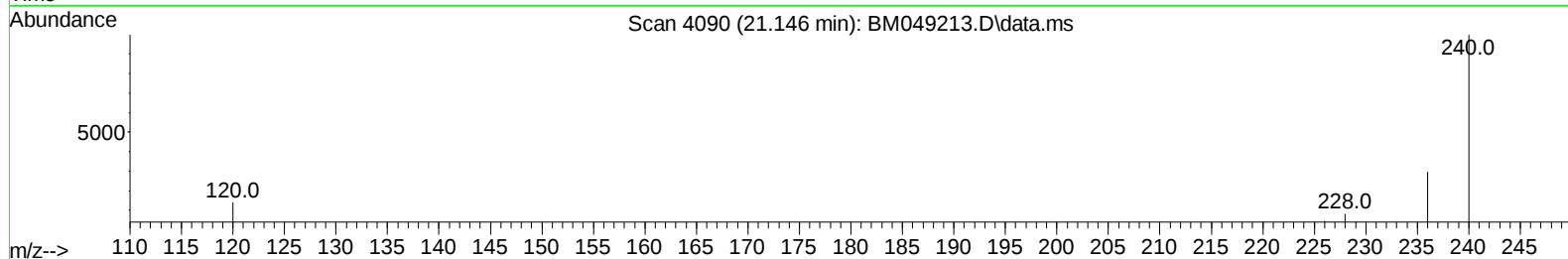
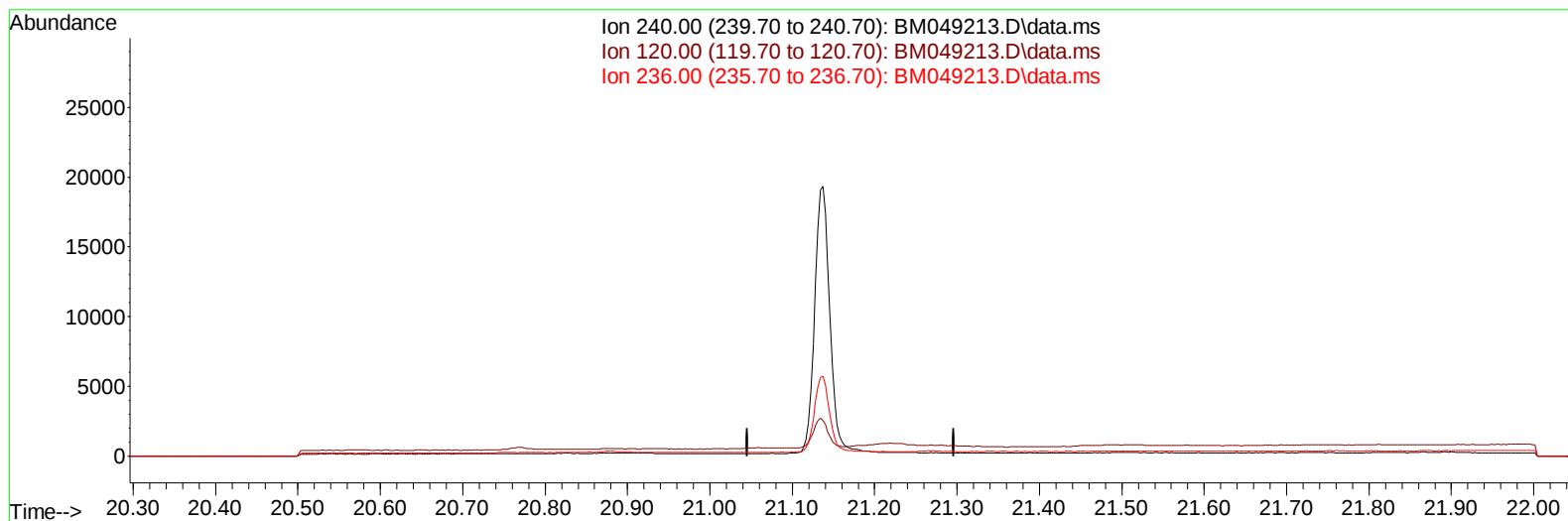
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(17) Chrysene-d12

21.146min (-21.146) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	14.50	0.00#
236.00	29.80	0.00#
0.00	0.00	0.00

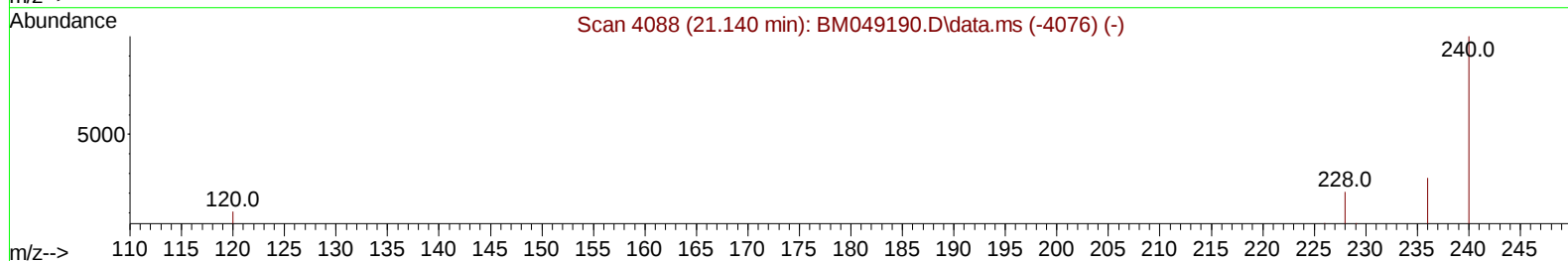
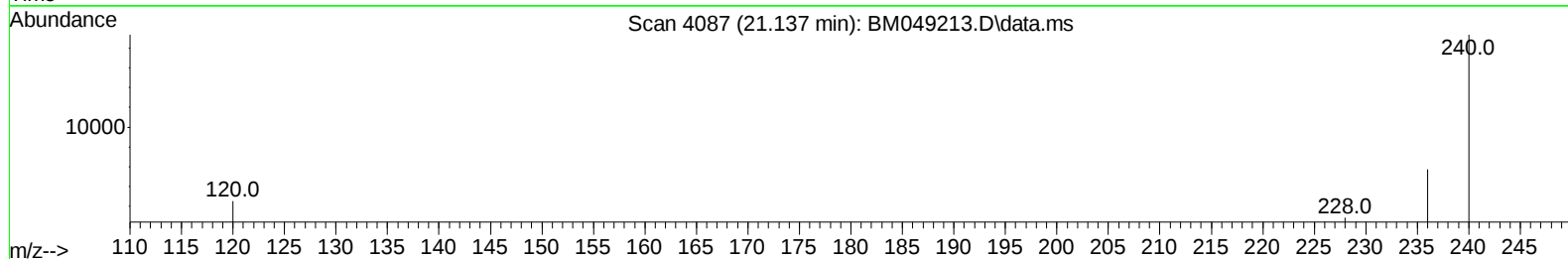
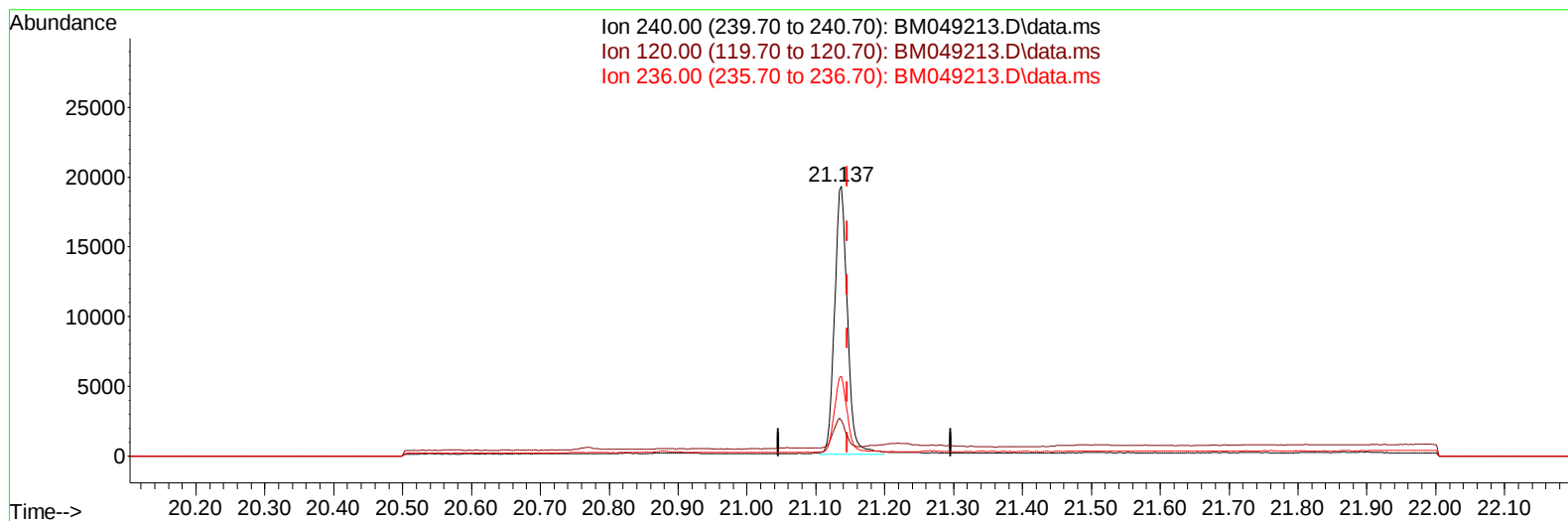
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(17) Chrysene-d12

21.137min (-0.009) 0.40 ng/u1 m

response 24900

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.18
236.00	29.80	29.49
0.00	0.00	0.00

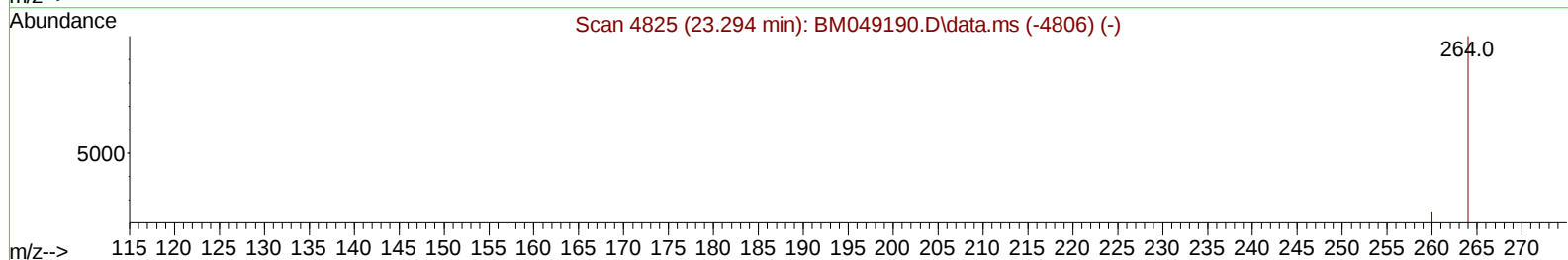
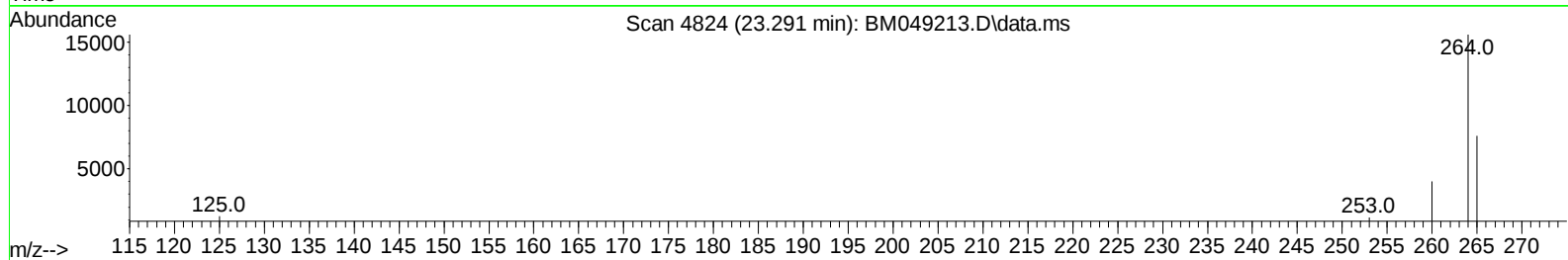
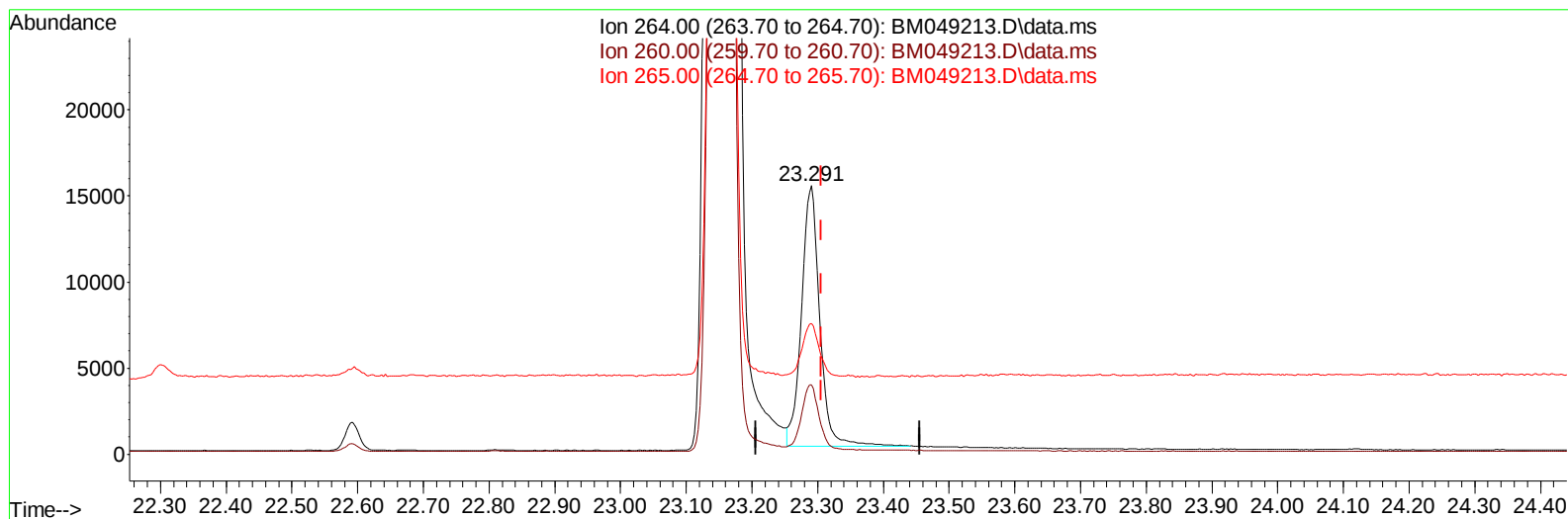
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/u1

response 29124

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.94
265.00	78.30	48.71#
0.00	0.00	0.00

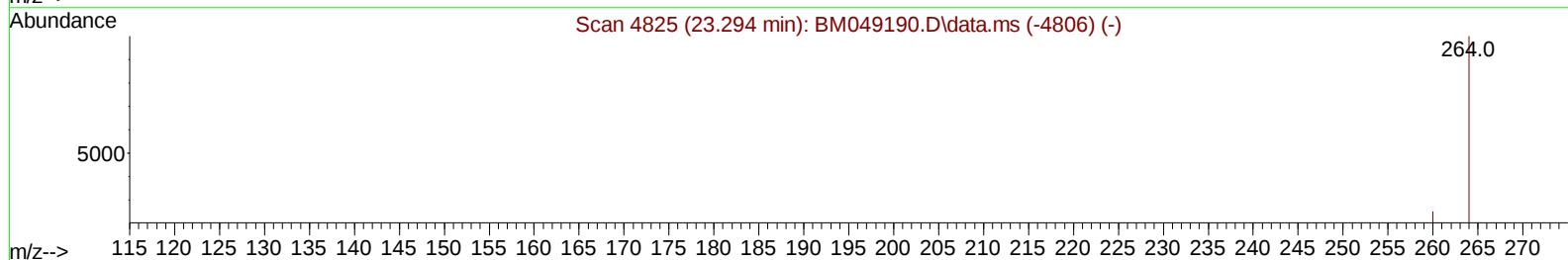
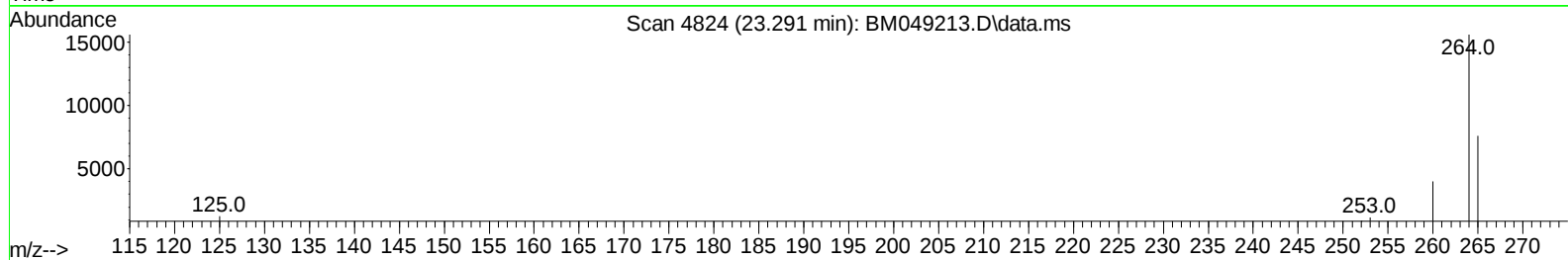
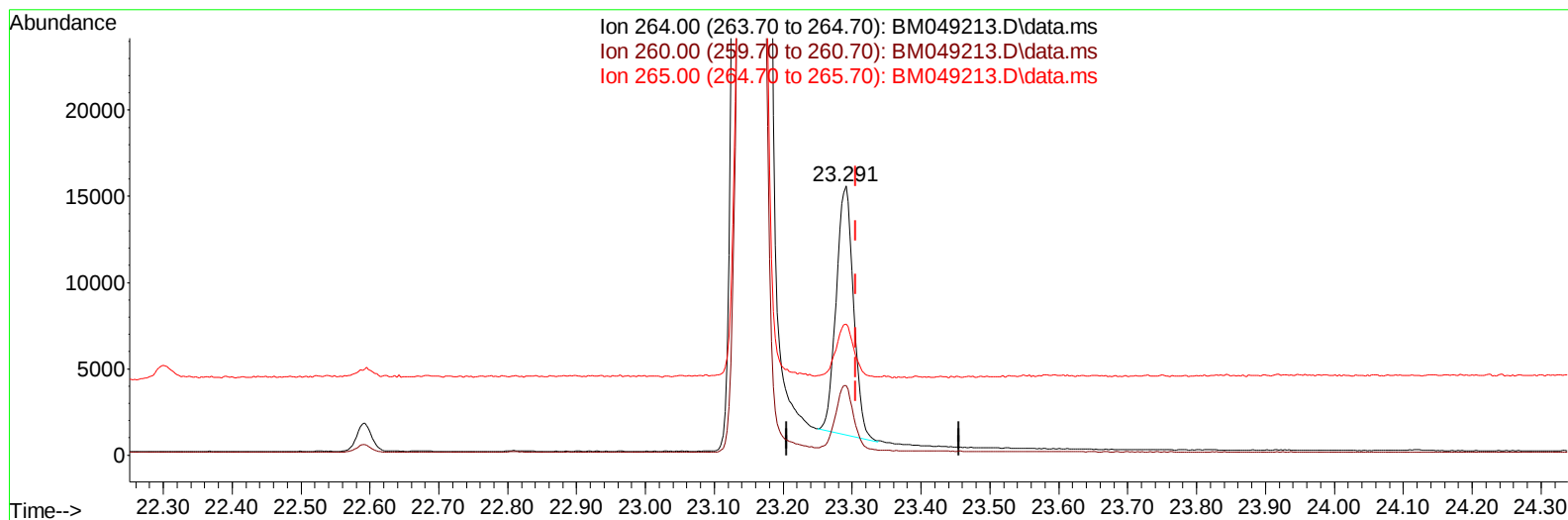
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.015) 0.40 ng/ul m

response 25059

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.94
265.00	78.30	48.71#
0.00	0.00	0.00

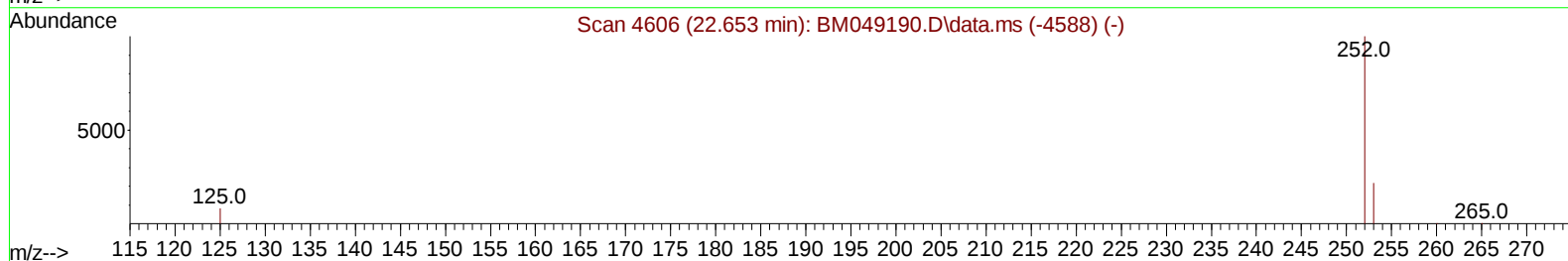
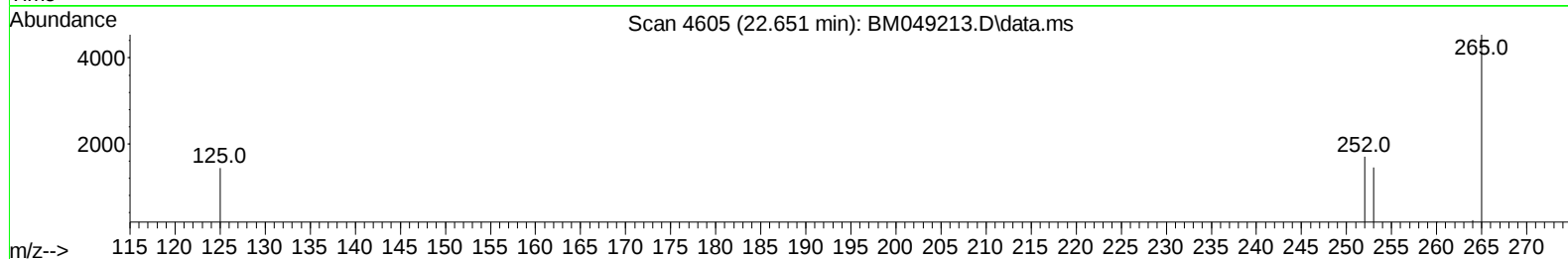
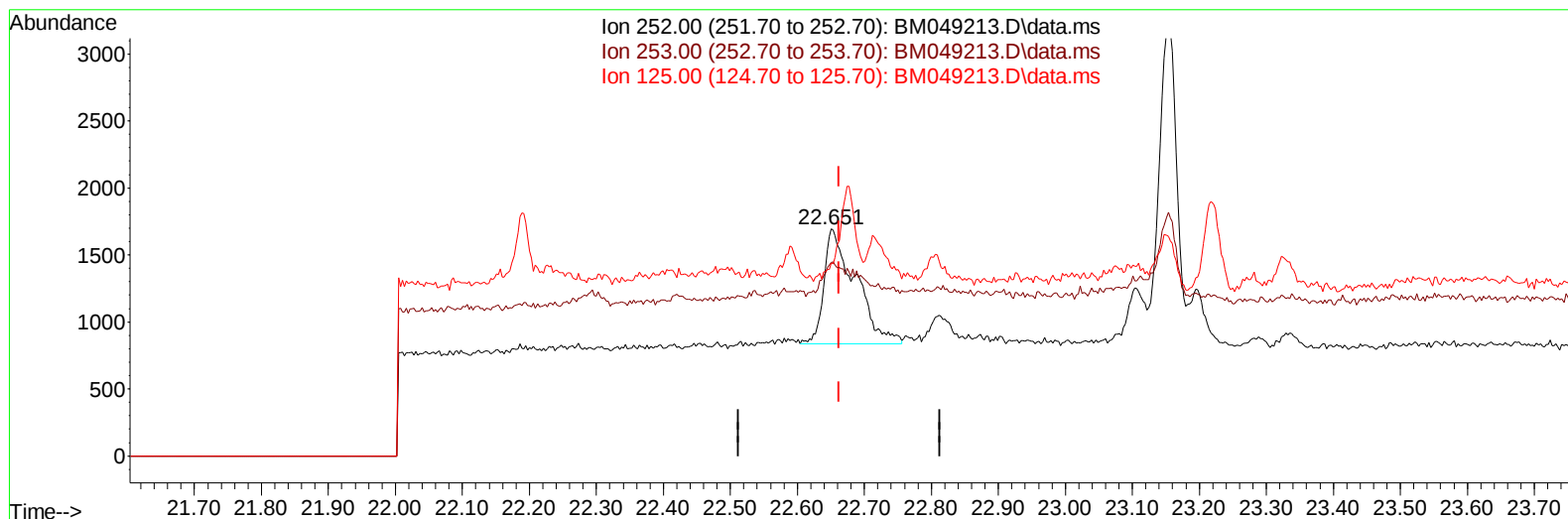
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (-0.012) 0.04 ng/u1

response 2837

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	85.25#
125.00	15.40	84.90#
0.00	0.00	0.00

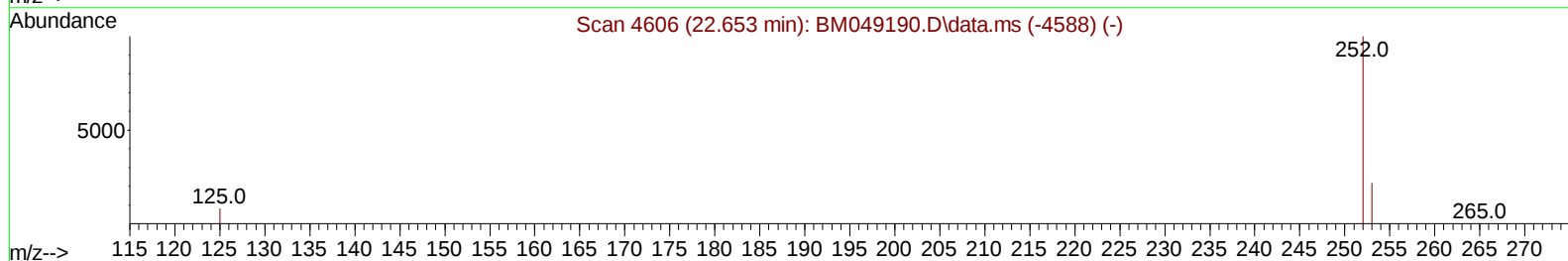
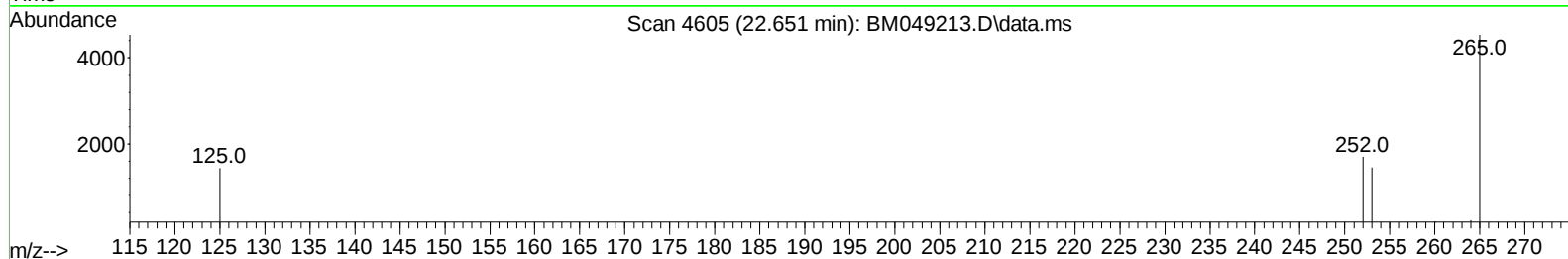
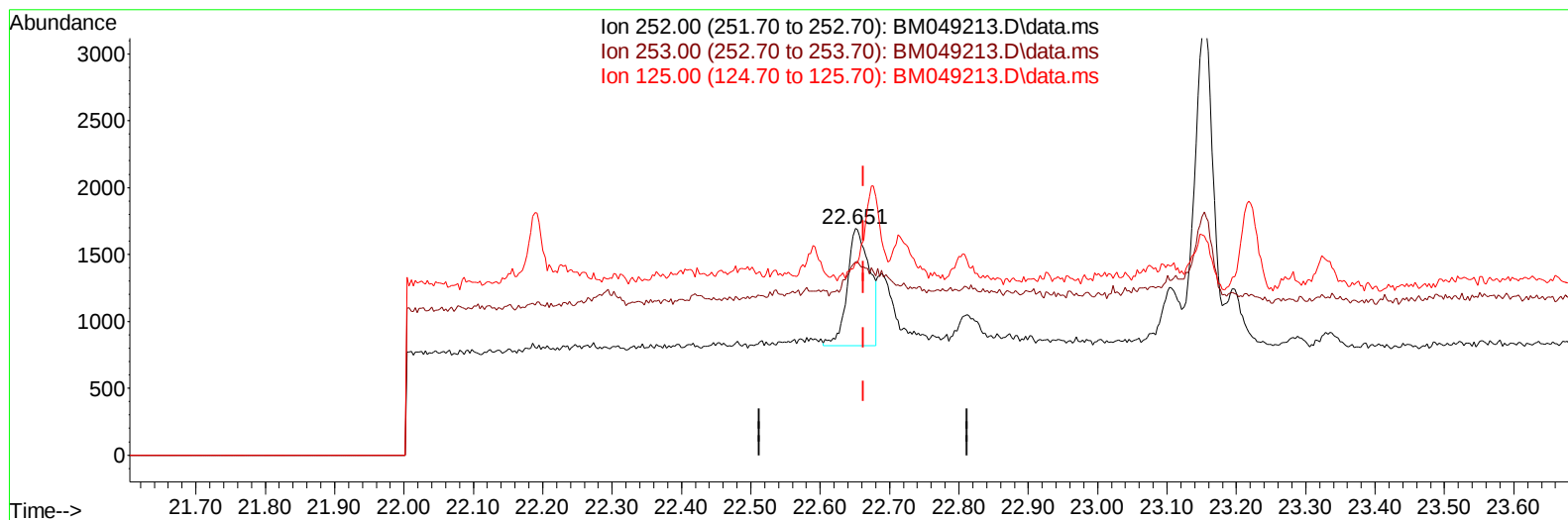
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049213.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (-0.012) 0.02 ng/u1 m

response 1965

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	85.25#
125.00	15.40	84.90#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049213.D
 Acq On : 25 Dec 2024 09:07
 Operator : RC/JU
 Sample : P5302-02
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AR1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 21:52:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.548	152		7521	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136		23775	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.183	164		13329	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188		29237m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240		24900m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264		25059m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.143	96		30544	3.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152		7444	0.233	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212		15522	0.220	ng/ul	-0.01
Target Compounds							Qvalue
19) Fluoranthene	19.002	202		4822	0.054	ng/ul#	87
20) Pyrene	19.365	202		3592	0.037	ng/ul#	82
21) Benzo(a)anthracene	21.122	228		2474	0.029	ng/ul#	74
22) Chrysene	21.175	228		3150	0.034	ng/ul#	80
24) Benzo(b)fluoranthene	22.651	252		1965m	0.025	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049213.D
Acq On : 25 Dec 2024 09:07
Operator : RC/JU
Sample : P5302-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AR1

Manual IntegrationsAPPROVED

Quant Time: Dec 25 21:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

