

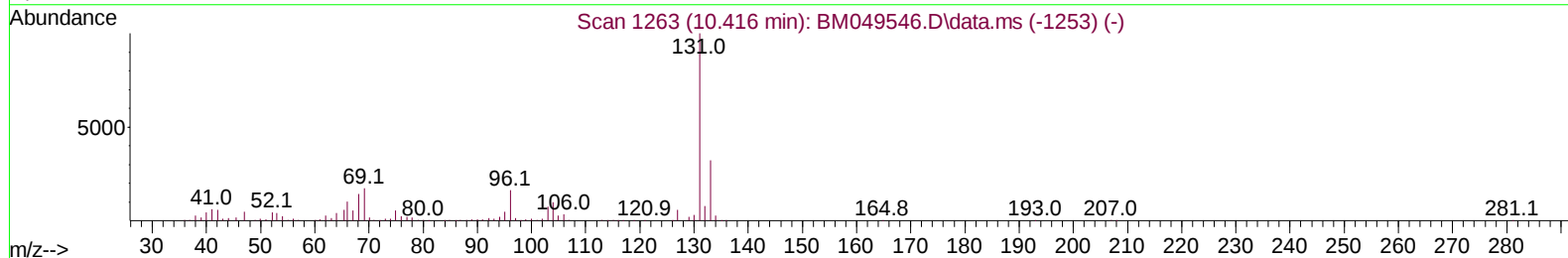
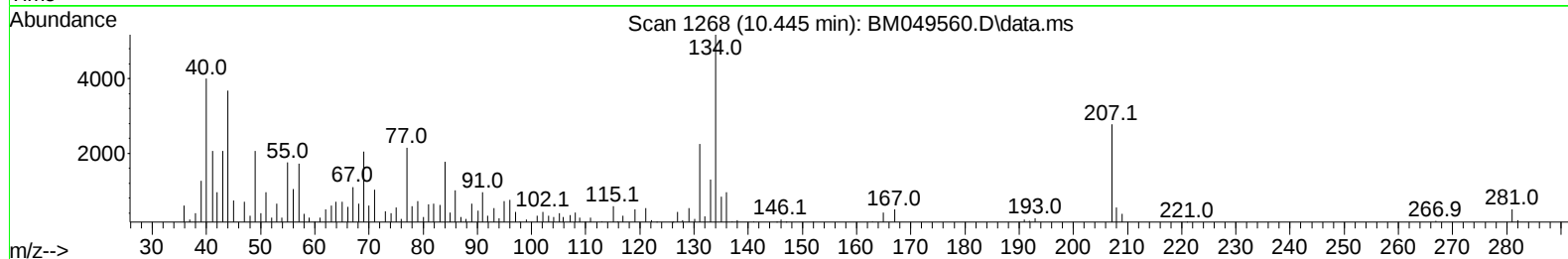
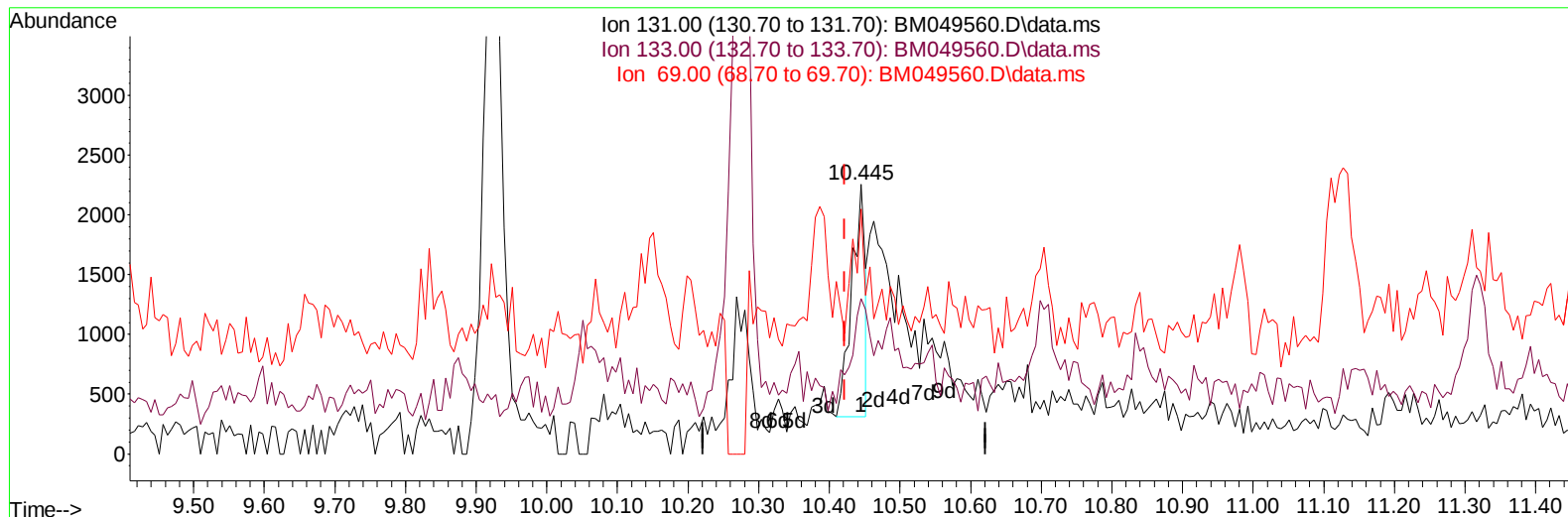
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.445min (+ 0.023) 0.10 ng/u1

response 2567

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.80  | 57.61# |
| 69.00  | 18.50  | 90.78# |
| 0.00   | 0.00   | 0.00   |

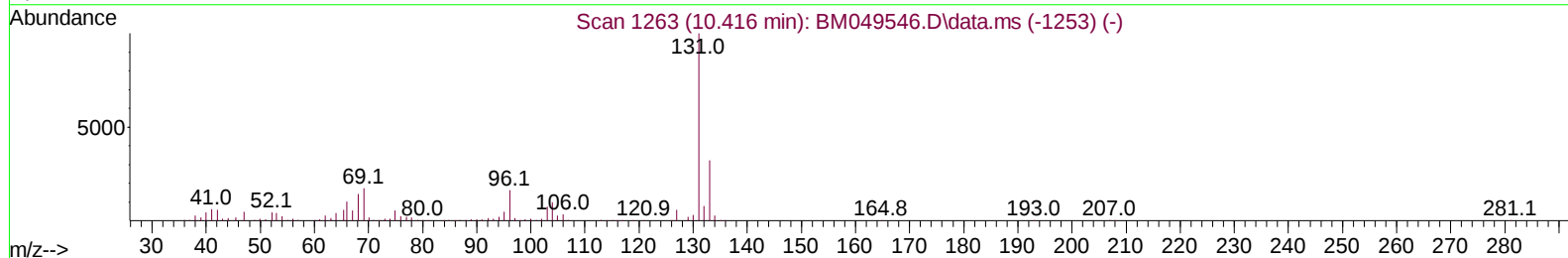
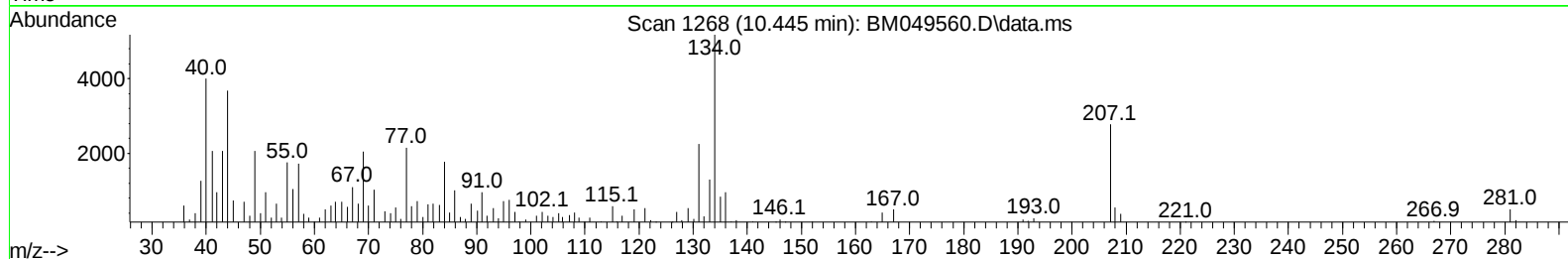
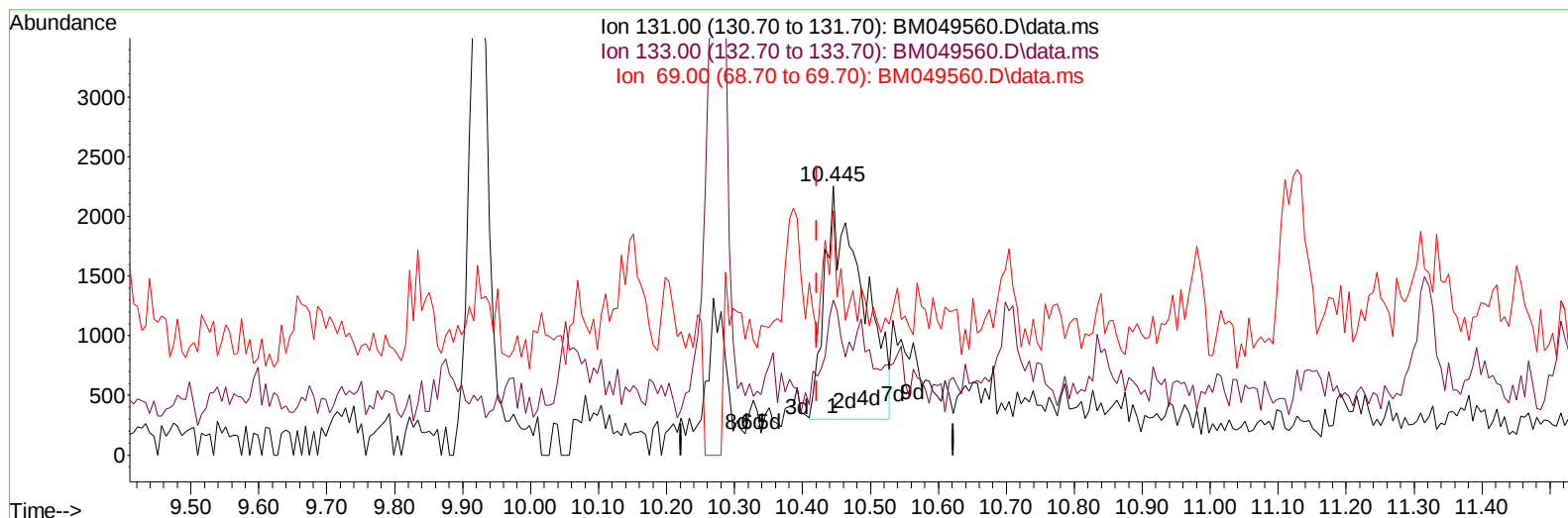
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.445min (+ 0.023) 0.30 ng/ul m

response 7465

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.80  | 57.61# |
| 69.00  | 18.50  | 90.78# |
| 0.00   | 0.00   | 0.00   |

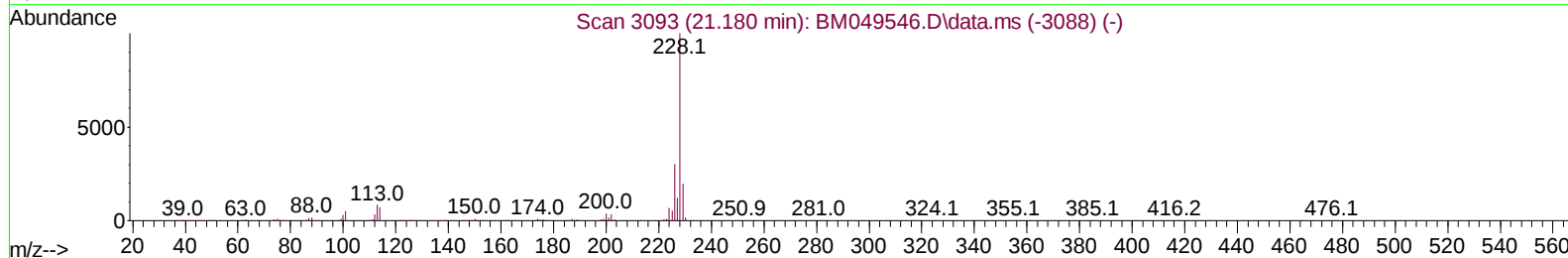
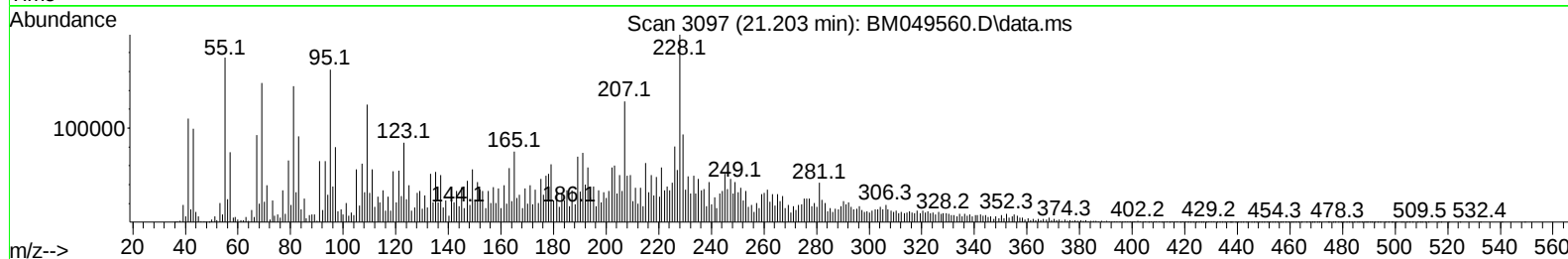
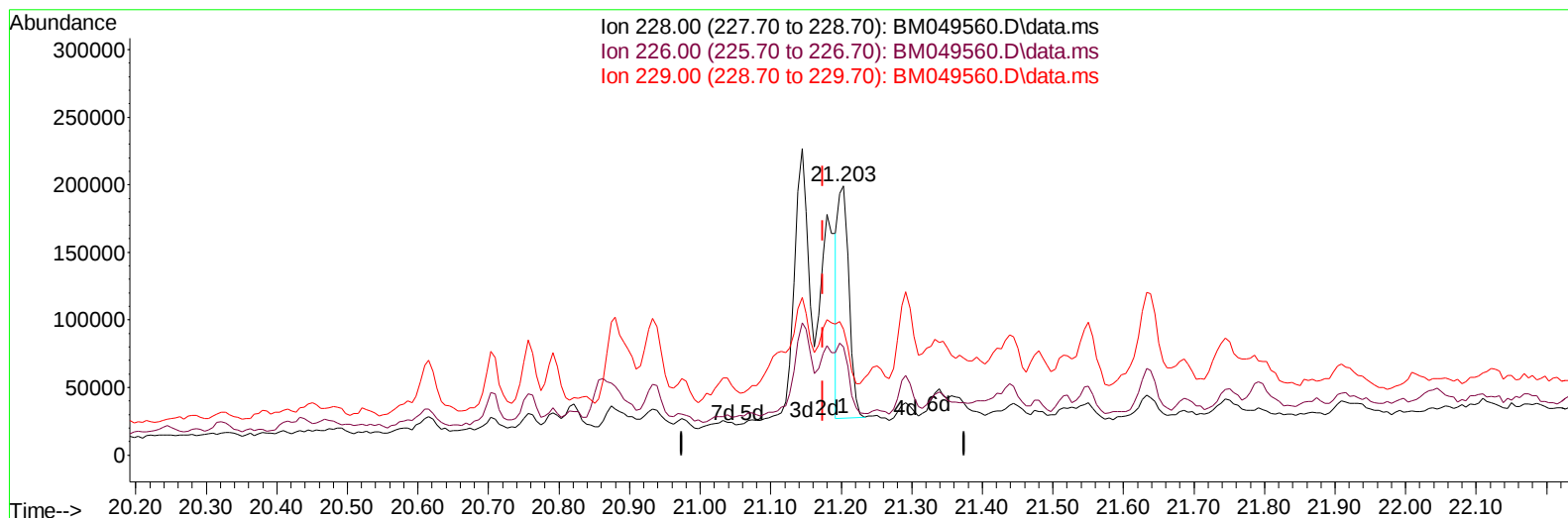
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(87) Chrysene

21.203min (+ 0.029) 2.71 ng/u1

response 184433

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.80  | 40.26# |
| 229.00 | 19.90  | 46.76# |
| 0.00   | 0.00   | 0.00   |

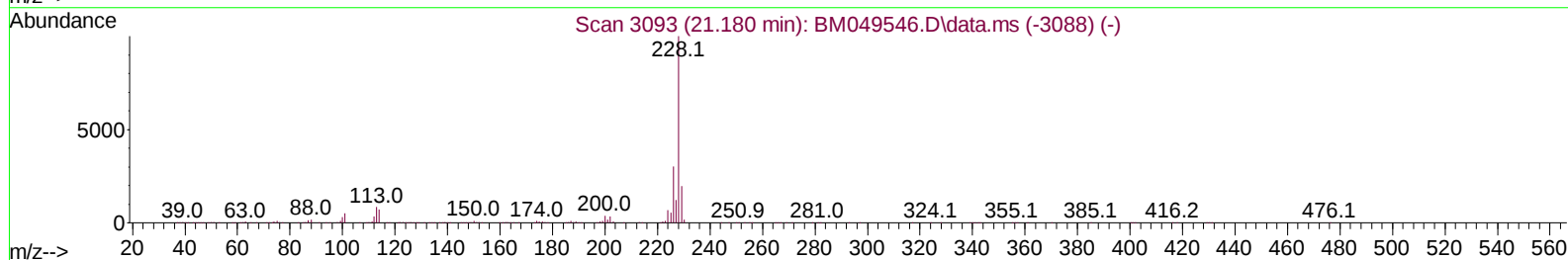
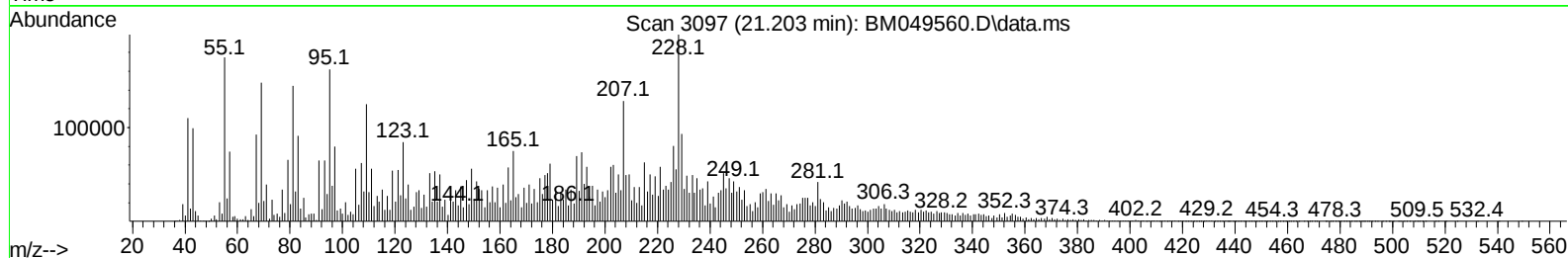
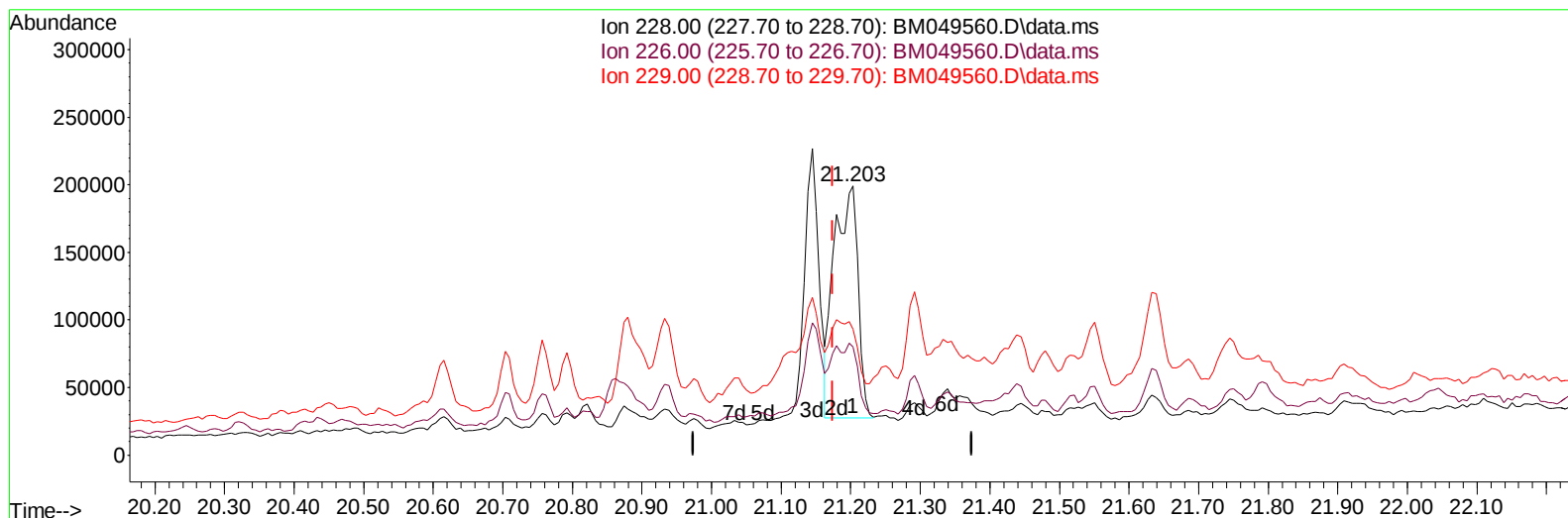
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(87) Chrysene

21.203min (+ 0.029) 5.94 ng/u1 m

response 403432

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.80  | 40.26# |
| 229.00 | 19.90  | 46.76# |
| 0.00   | 0.00   | 0.00   |

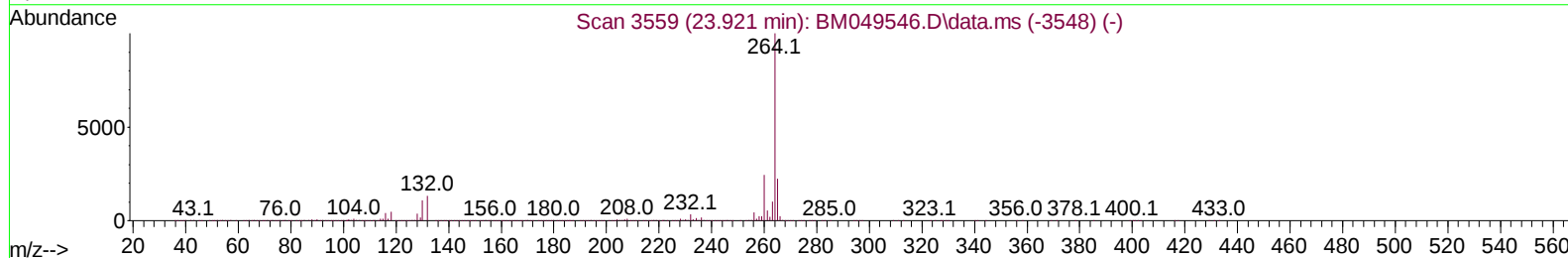
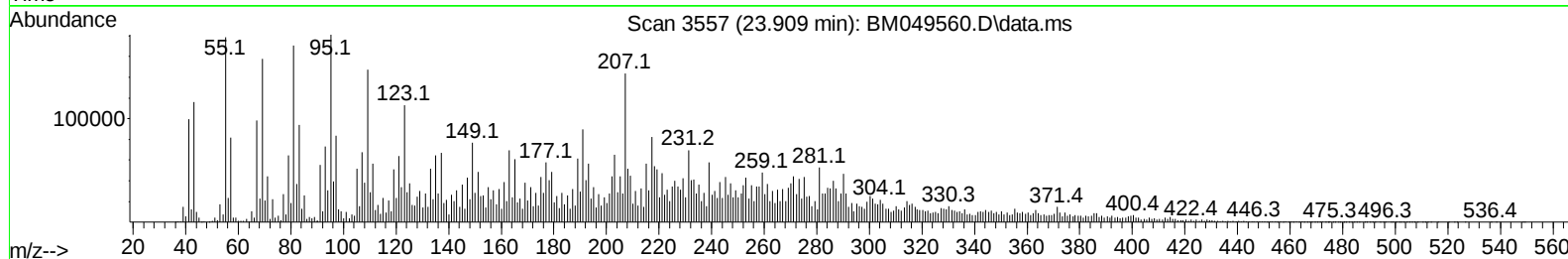
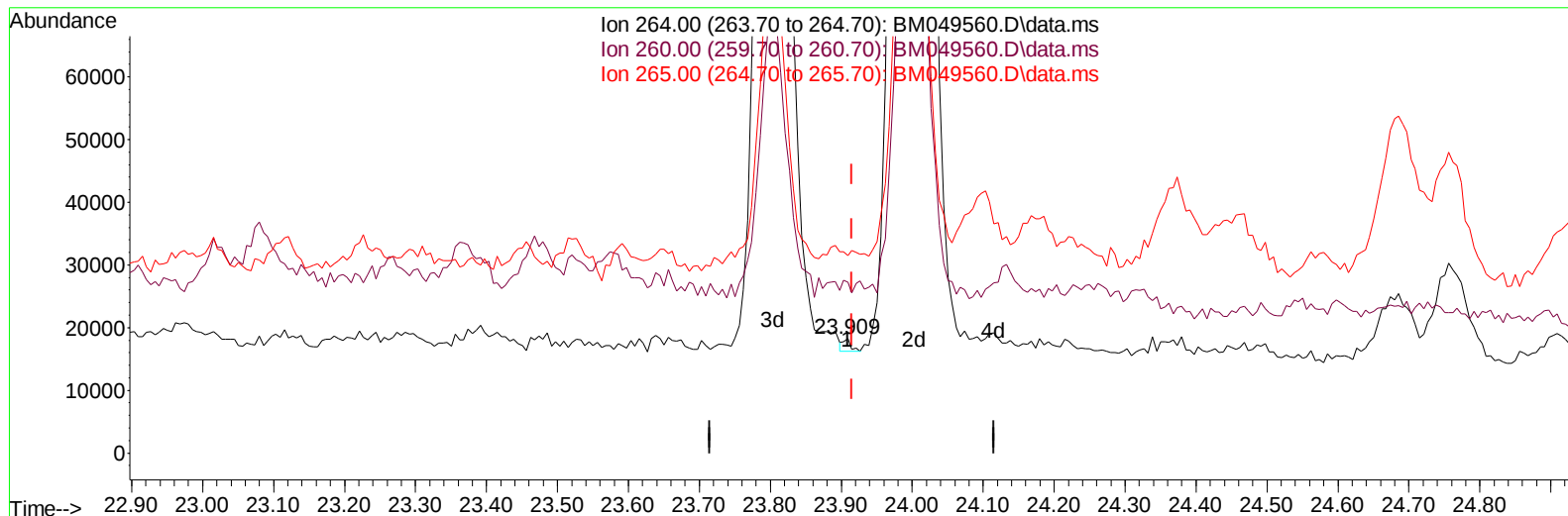
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(88) Perylene-d12 (I)

23.909min (-0.006) 20.00 ng/u1

response 1605

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100.00 | 100.00  |
| 260.00 | 23.50  | 149.12# |
| 265.00 | 21.70  | 172.57# |
| 0.00   | 0.00   | 0.00    |

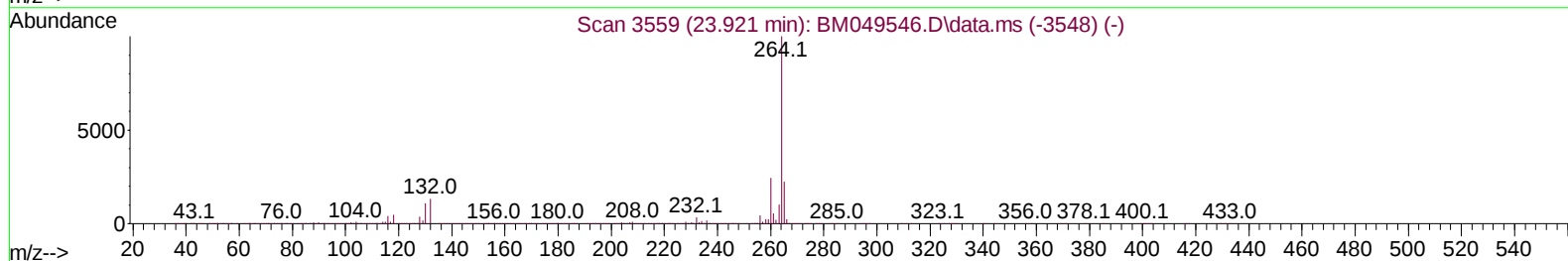
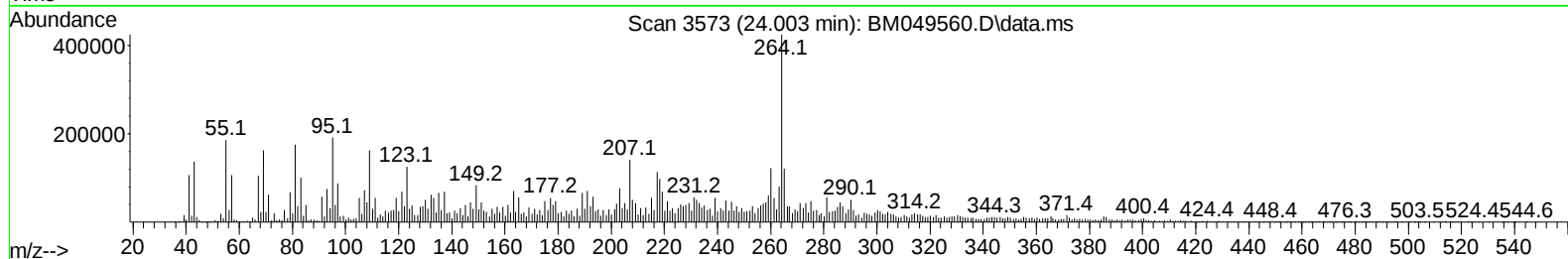
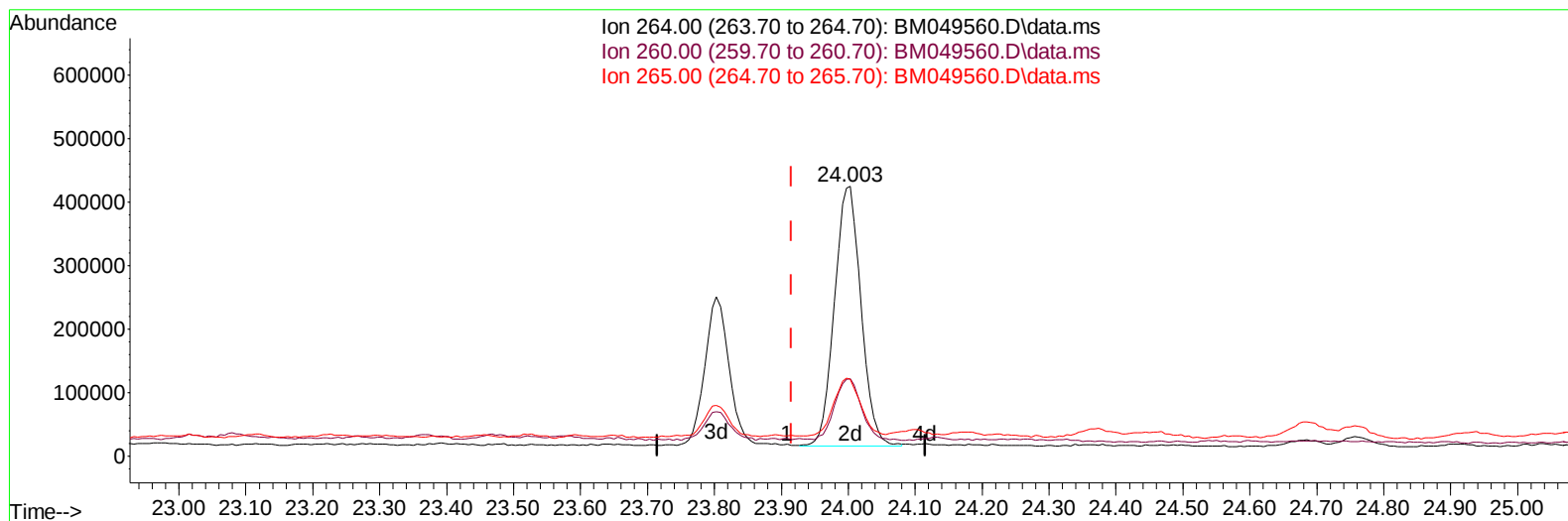
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:40:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

**(88) Perylene-d12 (I)**

**24.003min (+ 0.088) 20.00 ng/ul m**

**response 1122952**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 23.50  | 28.69# |
| 265.00 | 21.70  | 28.54# |
| 0.00   | 0.00   | 0.00   |

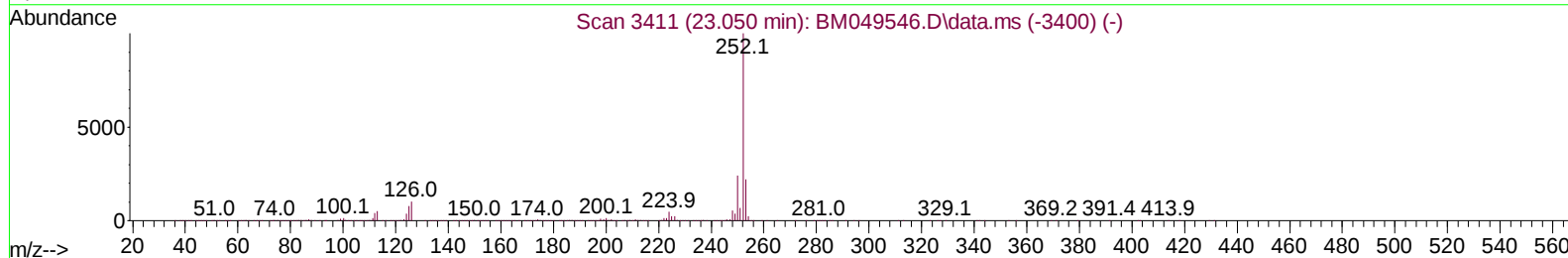
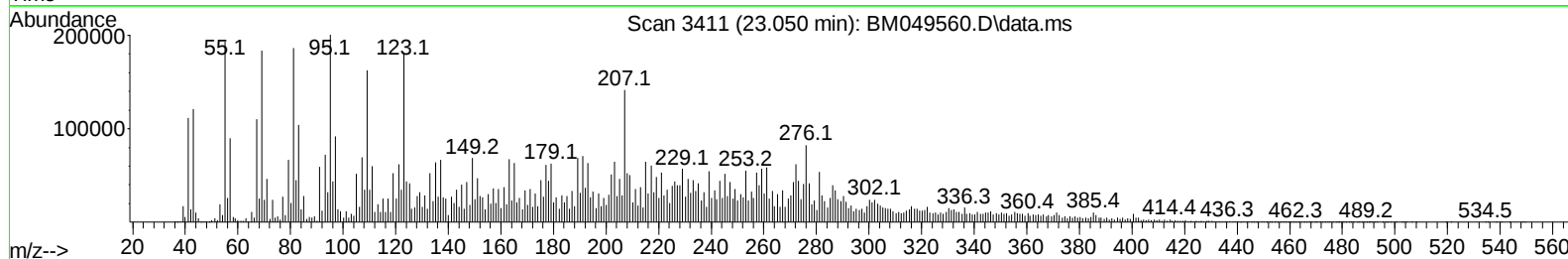
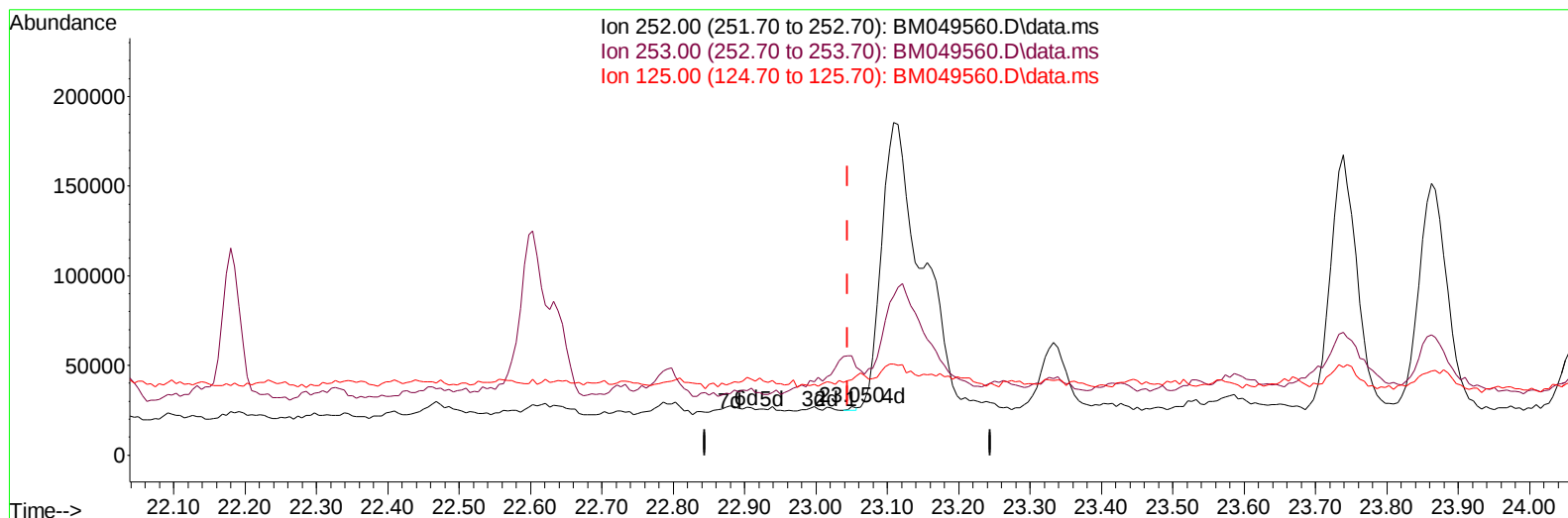
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.050min (+ 0.006) 0.02 ng/u1**

**response 1274**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 22.00  | 204.75# |
| 125.00 | 7.90   | 155.24# |
| 0.00   | 0.00   | 0.00    |

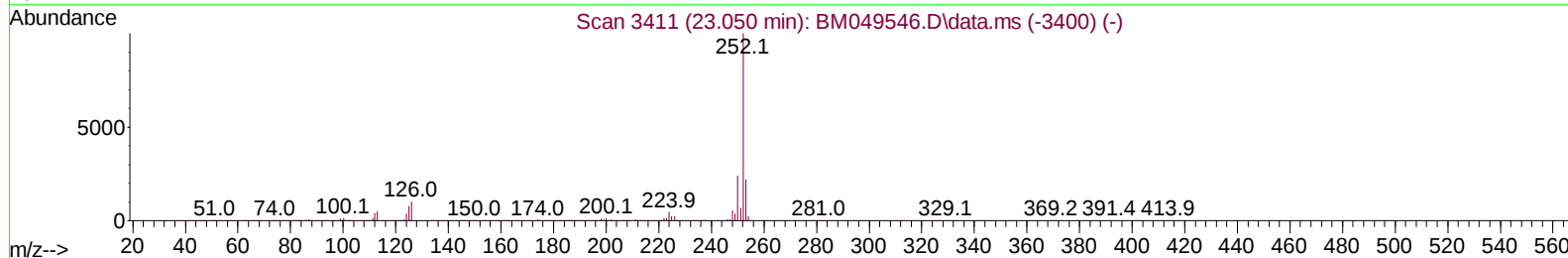
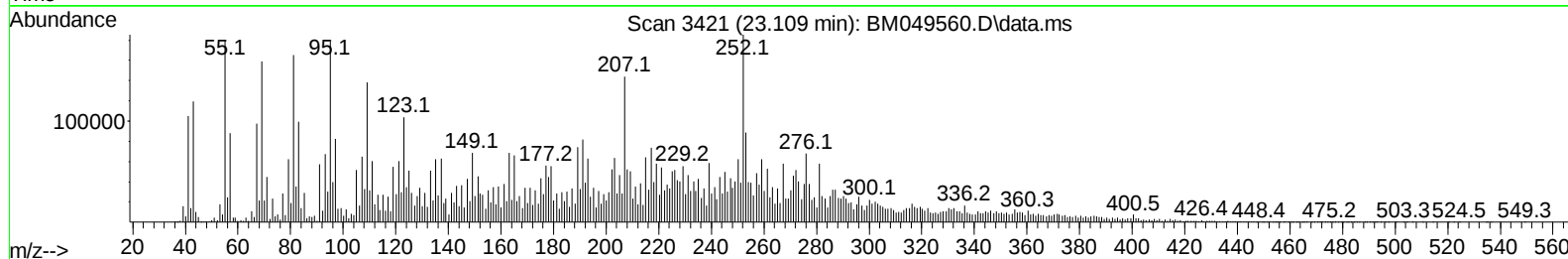
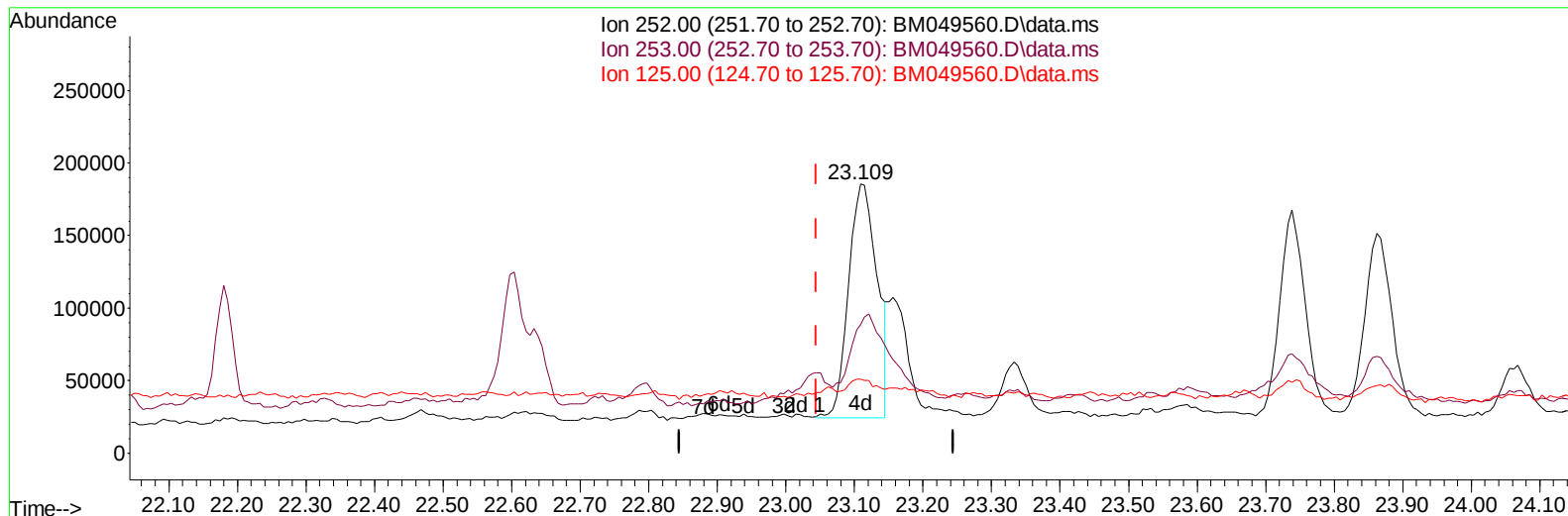
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(90) Benzo(b)fluoranthene

23.109min (+ 0.065) 6.42 ng/u1 m

response 467488

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00  | 47.72# |
| 125.00 | 7.90   | 27.46# |
| 0.00   | 0.00   | 0.00   |

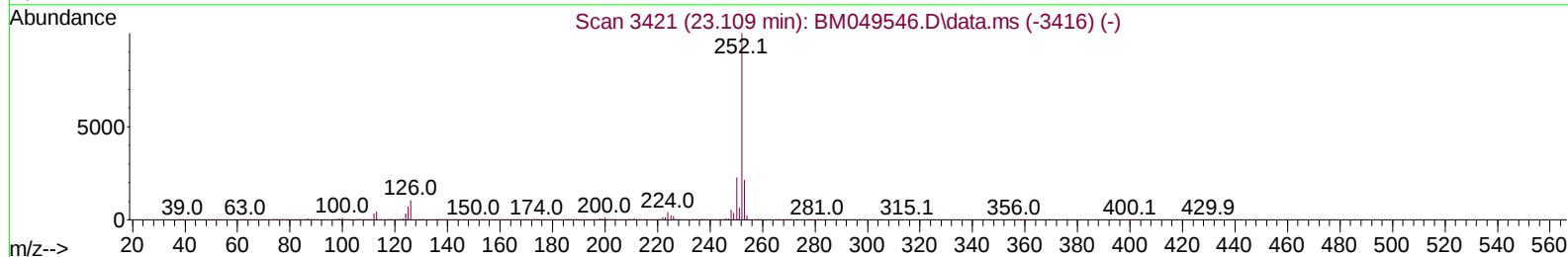
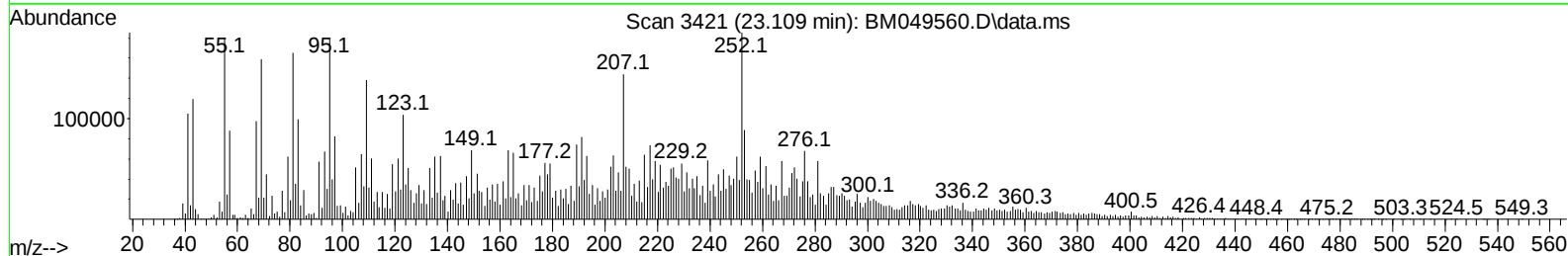
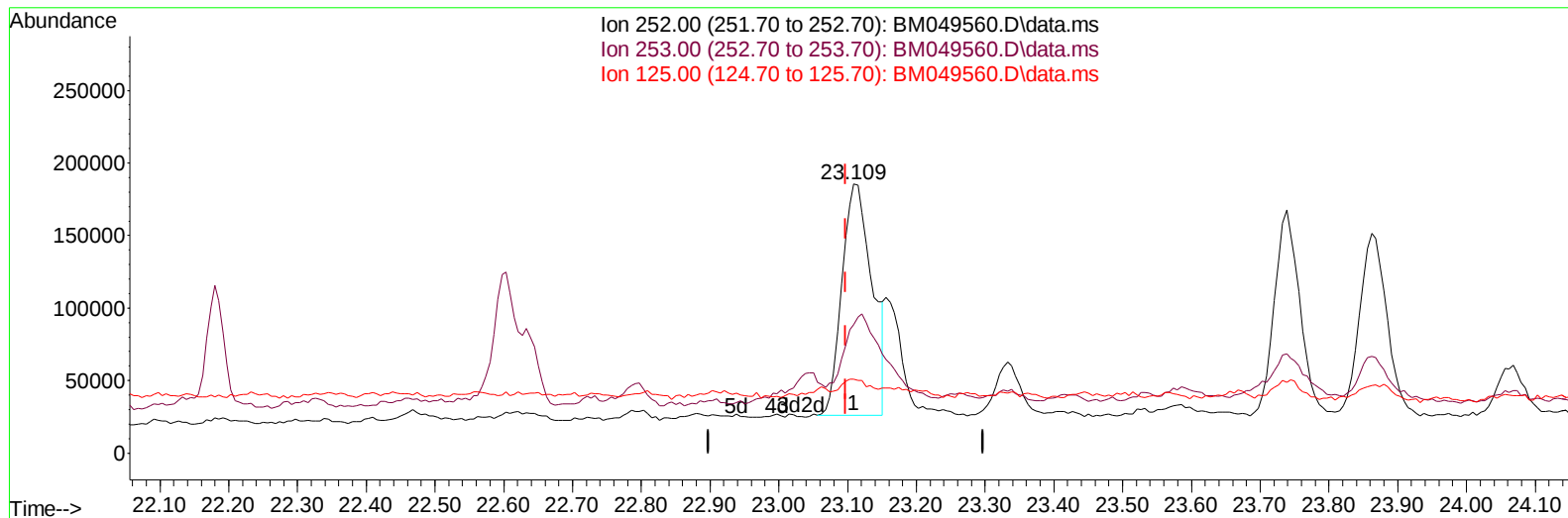
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.109min (+ 0.012) 6.58 ng/u1**

**response 483701**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90  | 47.72# |
| 125.00 | 8.10   | 27.46# |
| 0.00   | 0.00   | 0.00   |

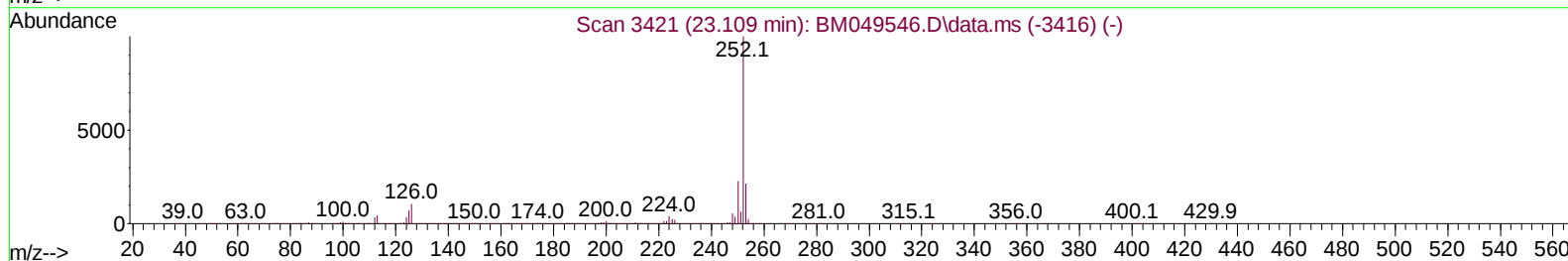
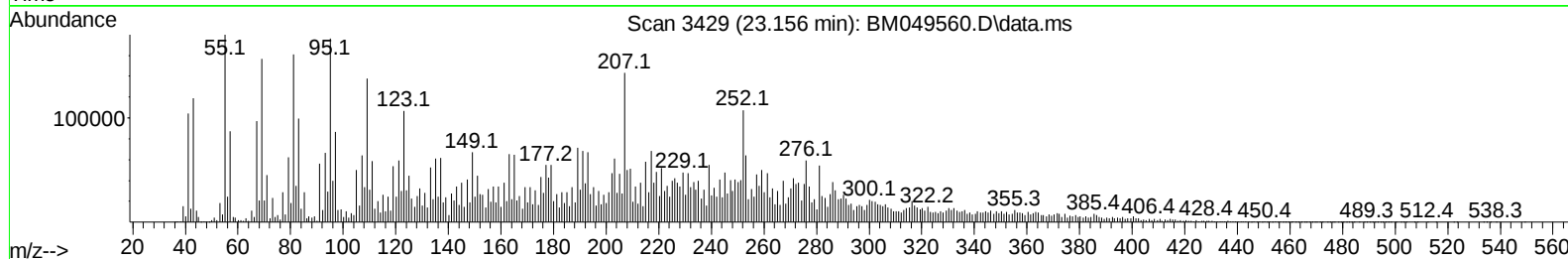
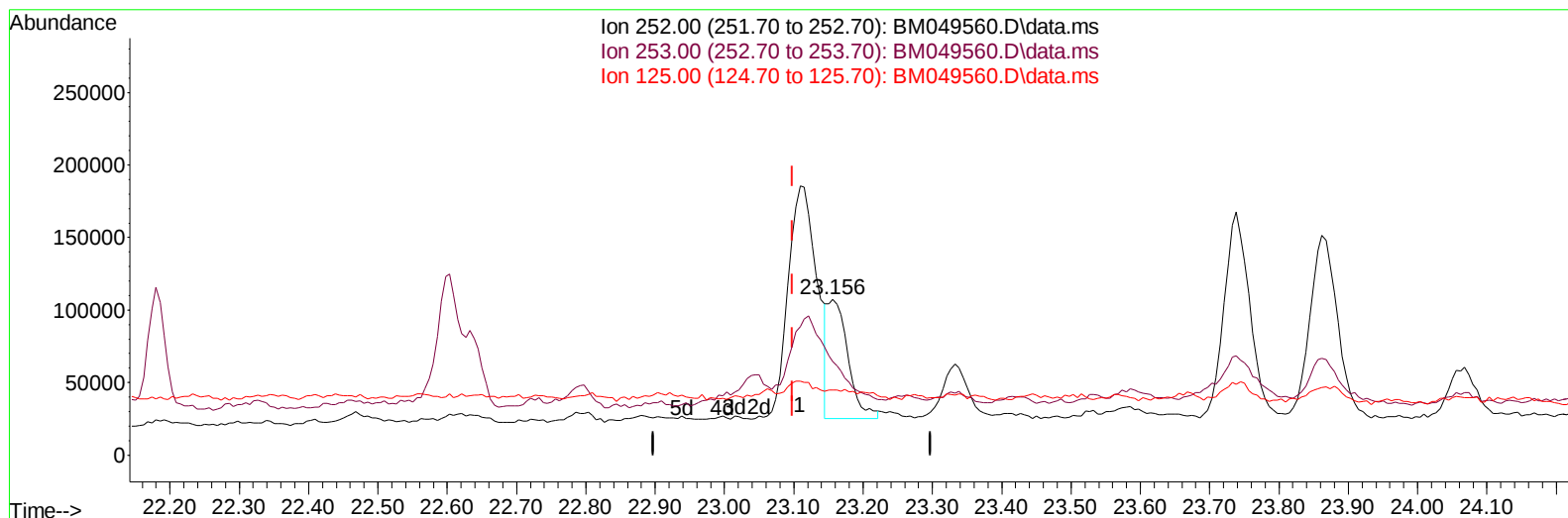
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(91) Benzo(k)fluoranthene

23.156min (+ 0.059) 2.29 ng/u1 m

response 168203

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90  | 59.90# |
| 125.00 | 8.10   | 41.54# |
| 0.00   | 0.00   | 0.00   |

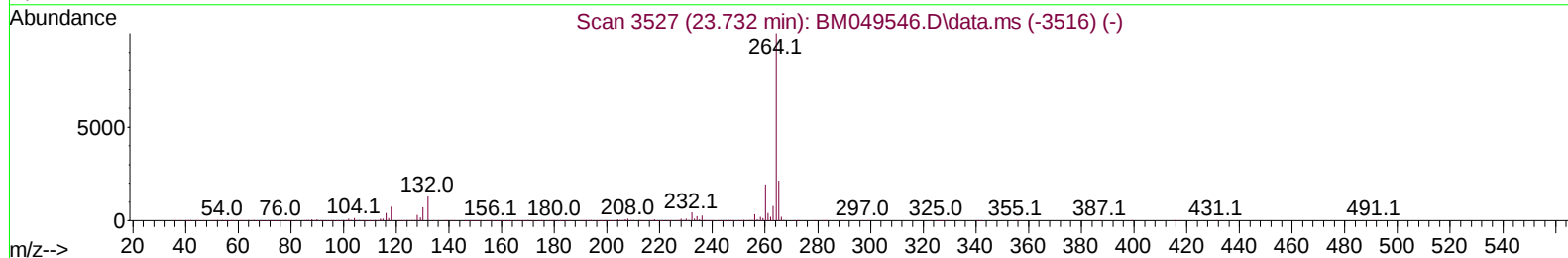
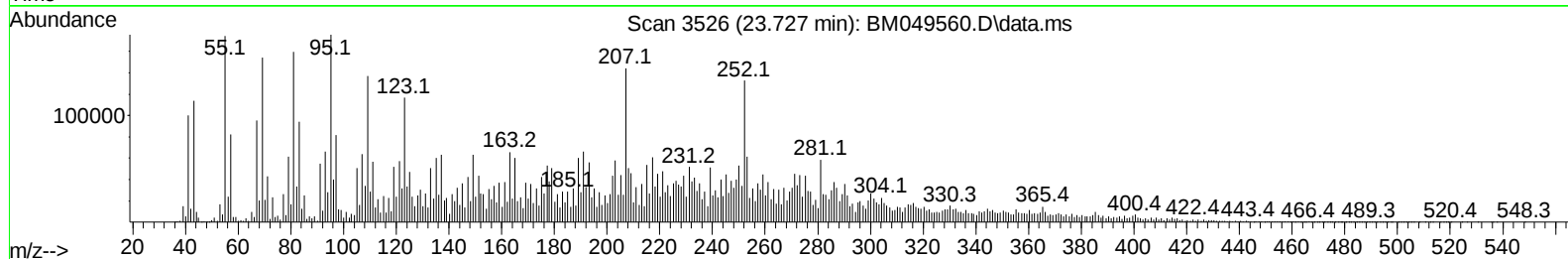
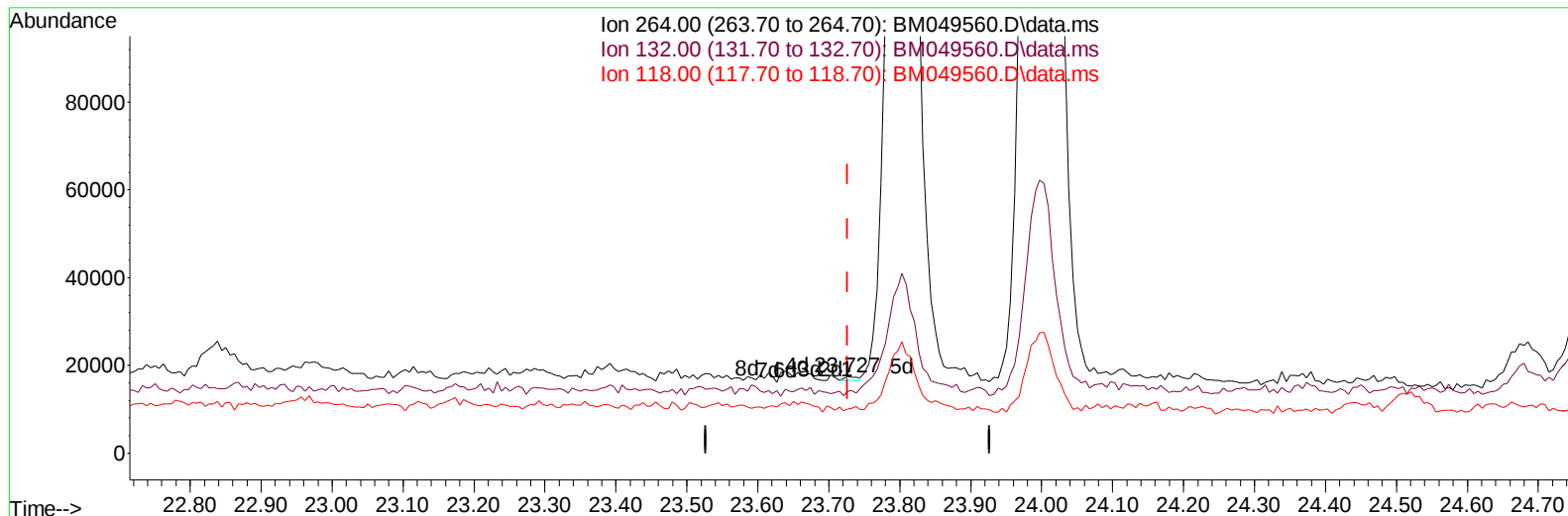
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.727min (-0.000) 0.02 ng/u1

response 1223

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 13.00  | 80.90# |
| 118.00 | 7.60   | 57.75# |
| 0.00   | 0.00   | 0.00   |

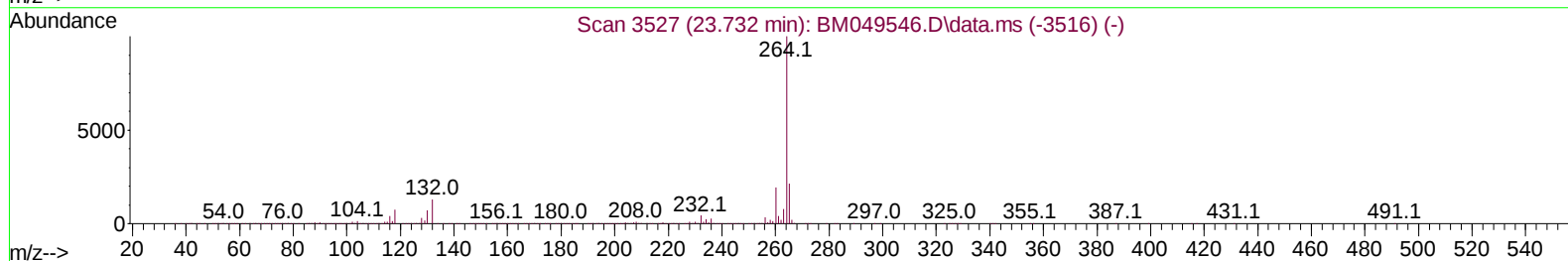
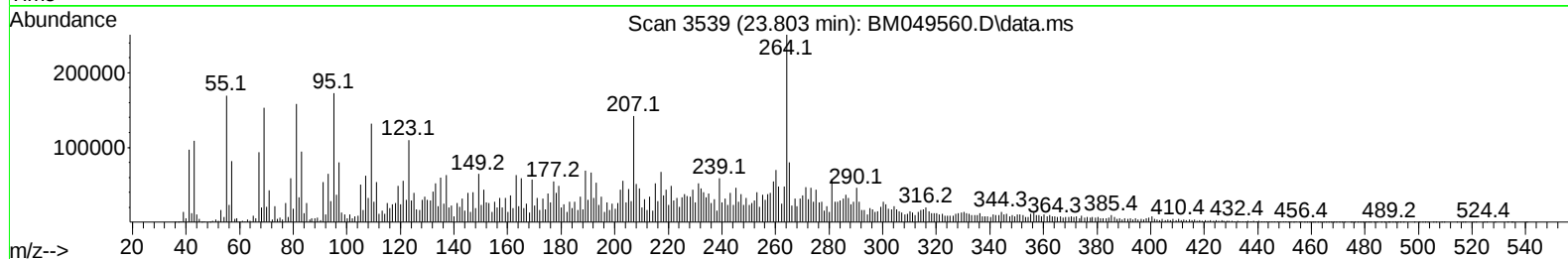
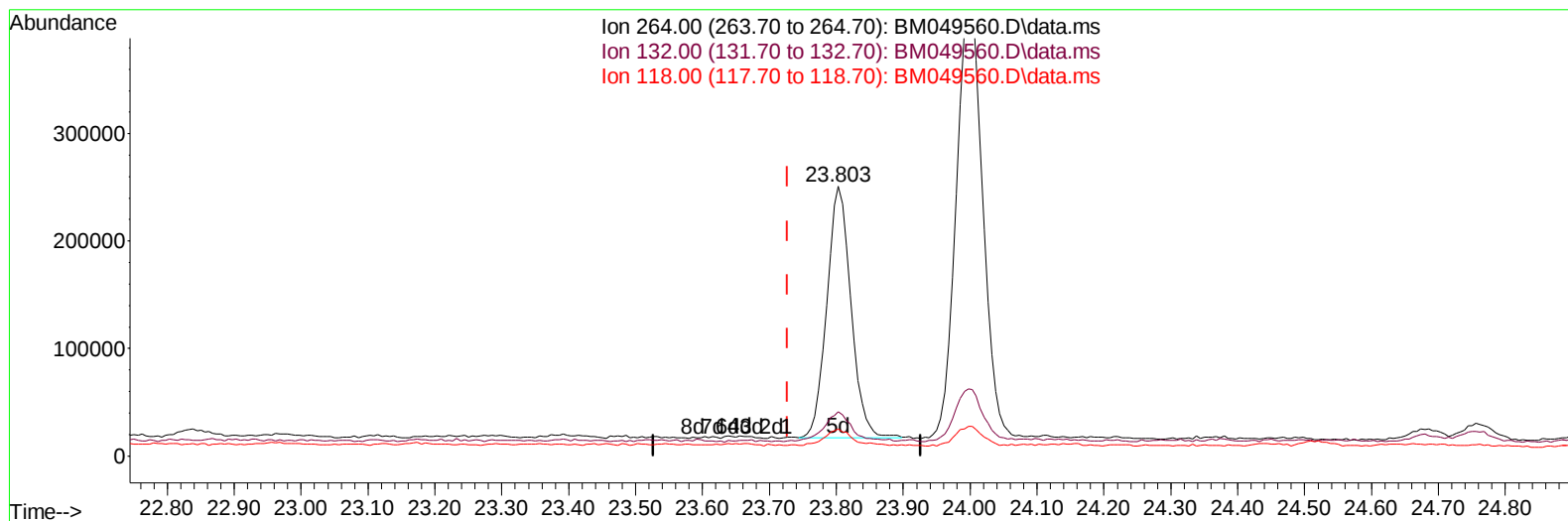
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.803min (+ 0.076) 9.82 ng/u1 m

response 587977

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 13.00  | 16.32# |
| 118.00 | 7.60   | 10.11# |
| 0.00   | 0.00   | 0.00   |

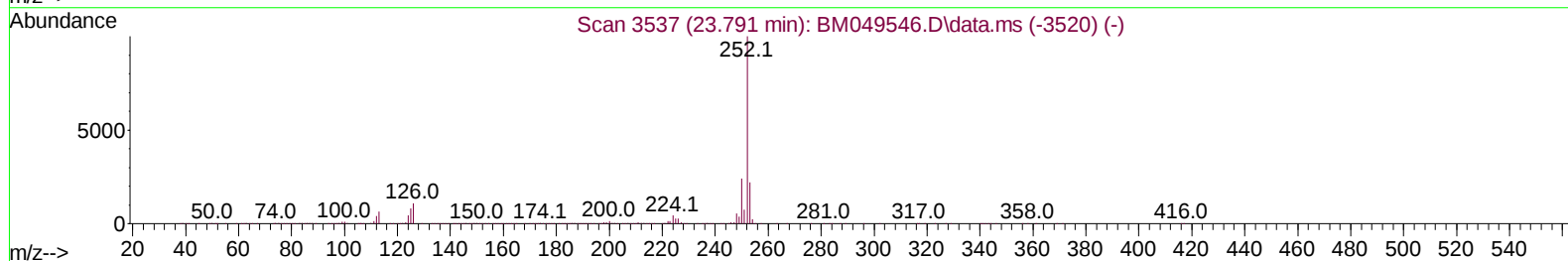
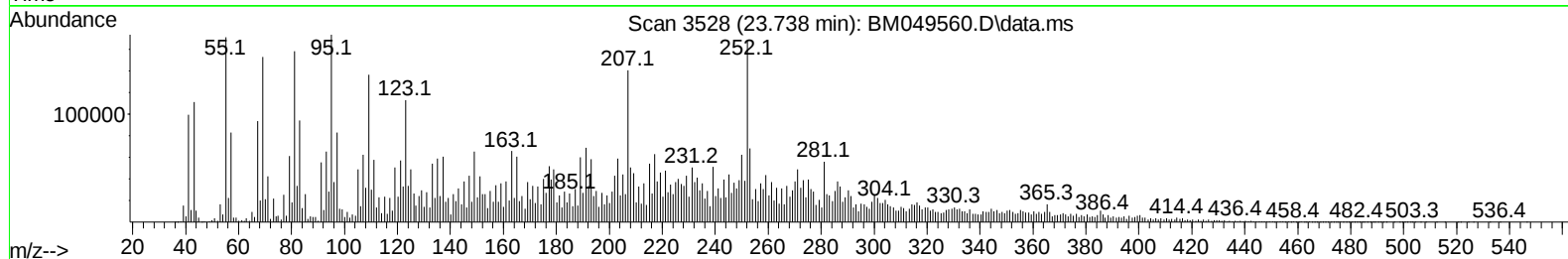
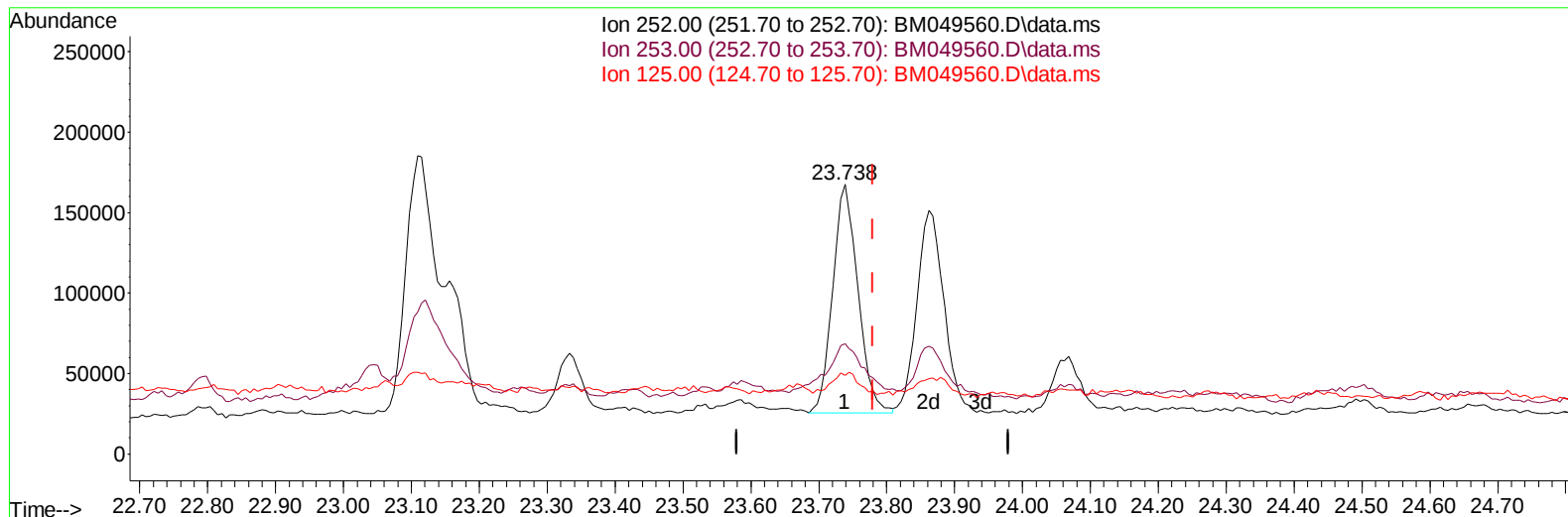
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(93) Benzo(a)pyrene (C)

23.738min (-0.041) 5.37 ng/u1

response 366640

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.60  | 40.84# |
| 125.00 | 8.80   | 29.18# |
| 0.00   | 0.00   | 0.00   |

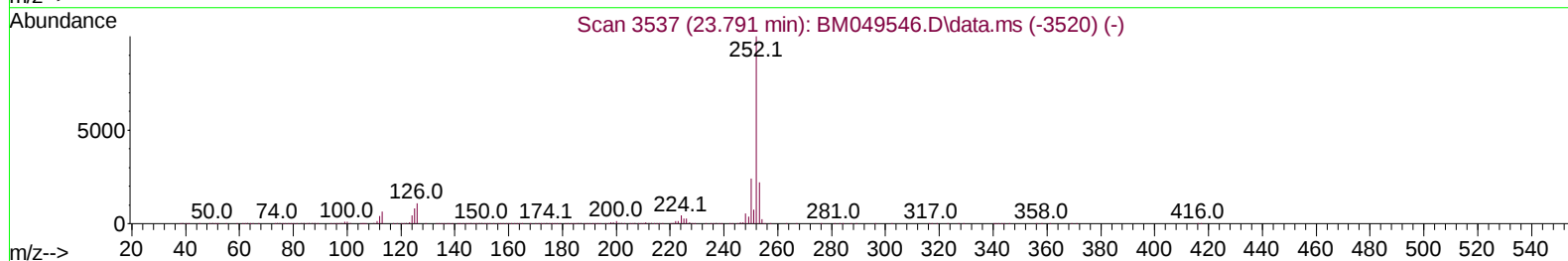
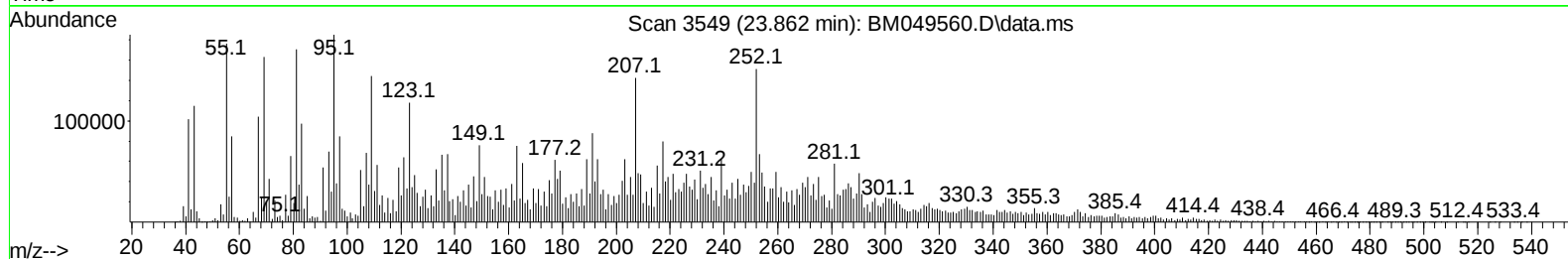
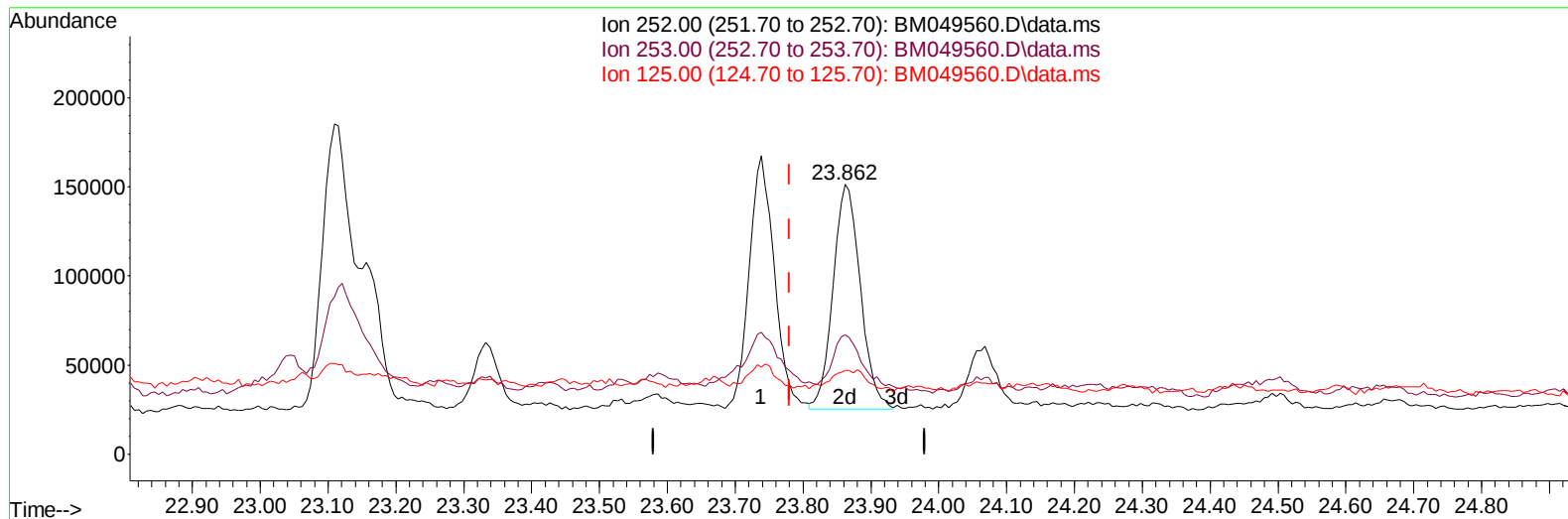
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:41:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(93) Benzo(a)pyrene (C)

23.862min (+ 0.082) 5.17 ng/u1 m

response 353075

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.60  | 44.18# |
| 125.00 | 8.80   | 30.91# |
| 0.00   | 0.00   | 0.00   |

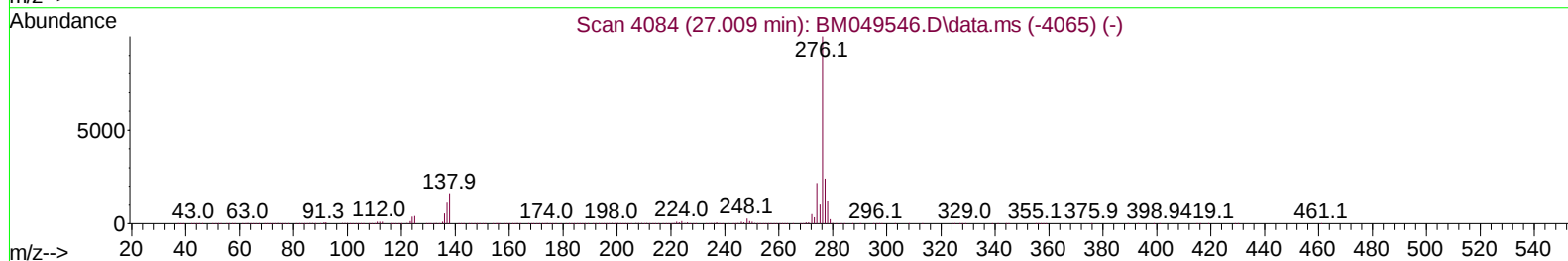
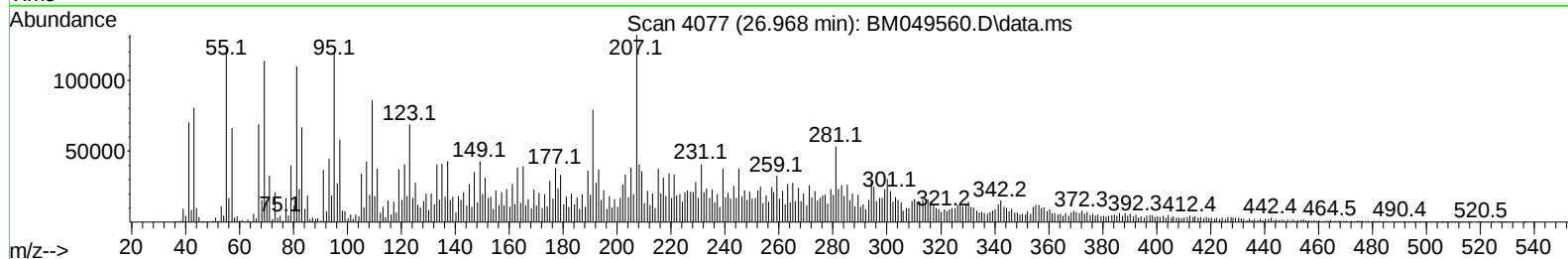
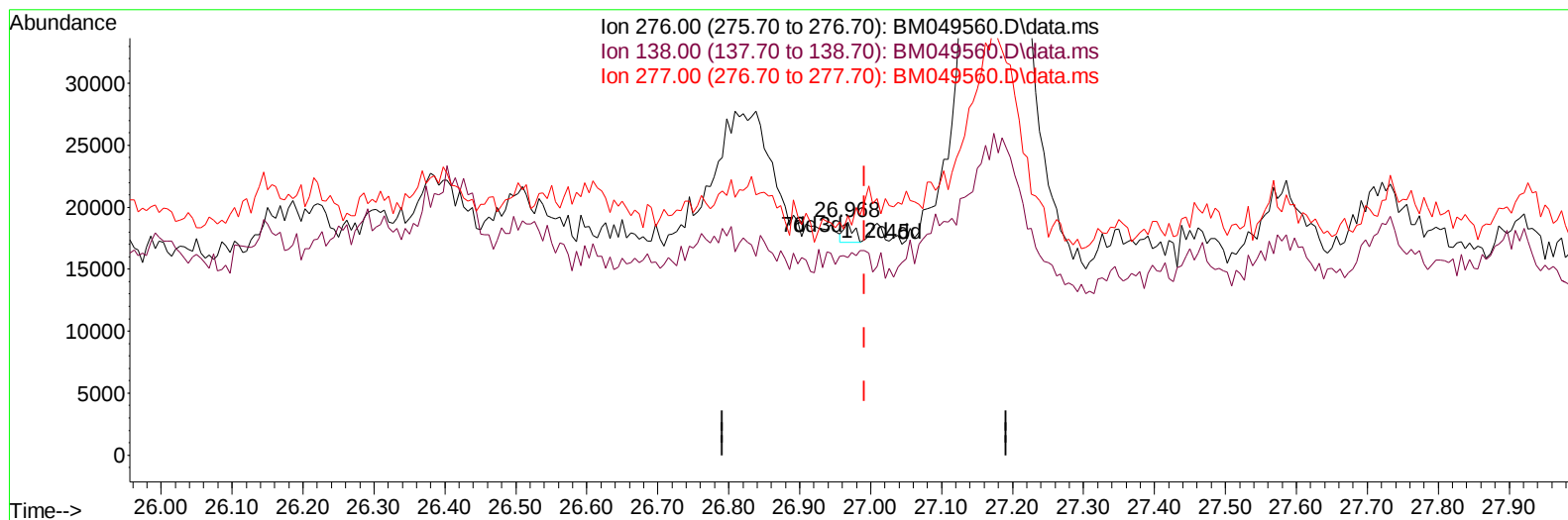
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:44:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.968min (-0.024) 0.02 ng/u1

response 1649

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 276.00 | 100.00 | 100.00  |
| 138.00 | 17.20  | 84.78#  |
| 277.00 | 23.80  | 102.59# |
| 0.00   | 0.00   | 0.00    |

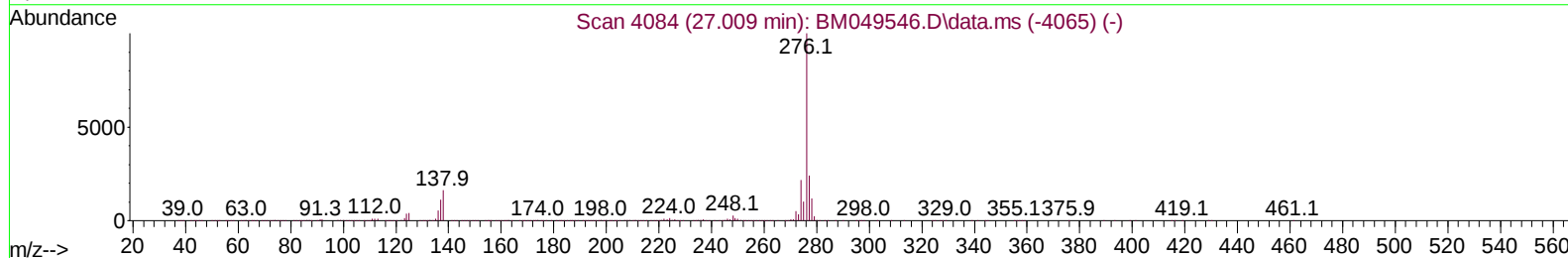
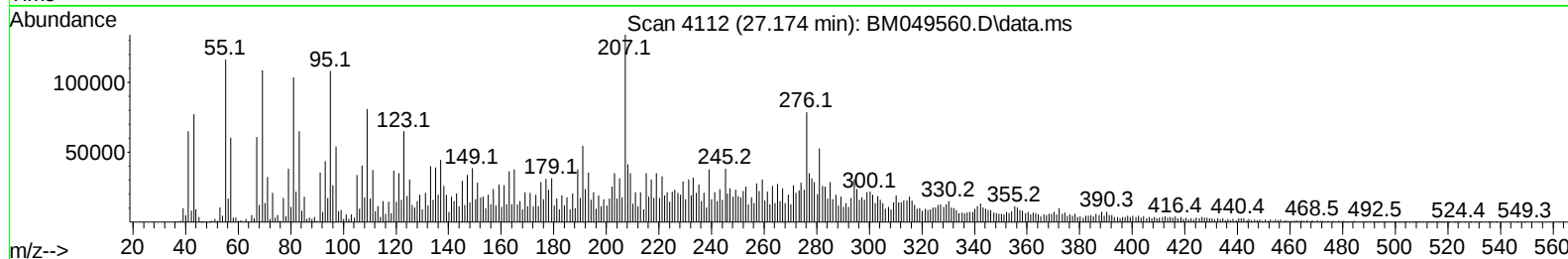
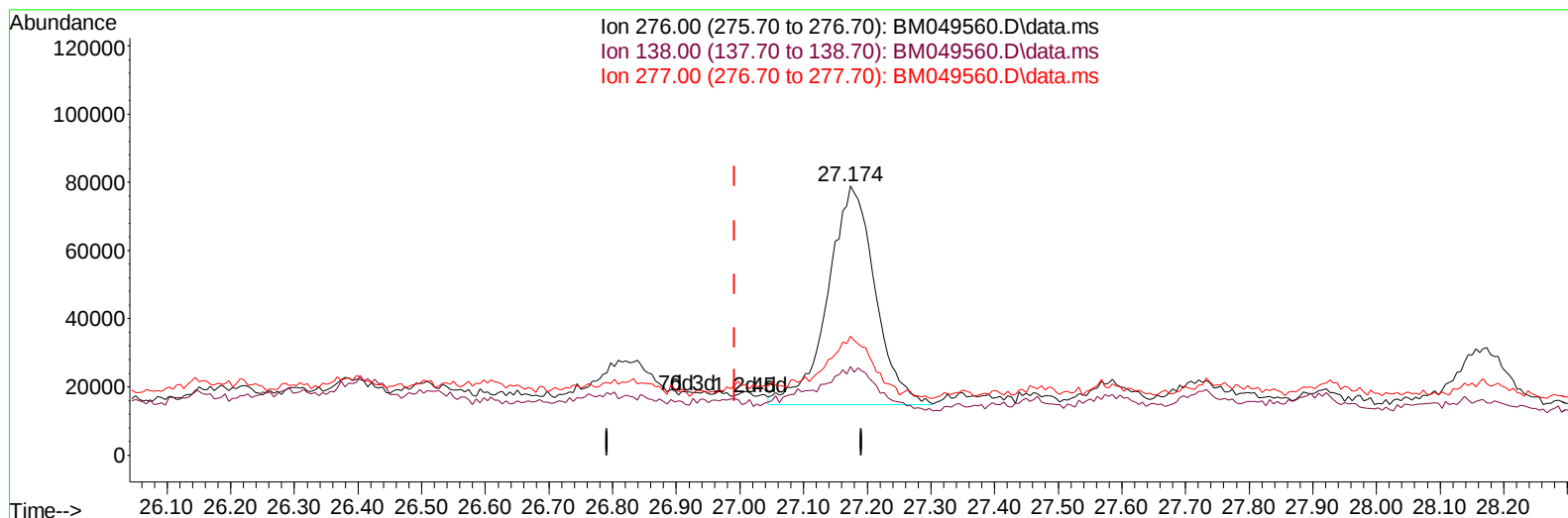
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:44:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration



TIC: BM049560.D\data.ms

## (94) Indeno(1,2,3-cd)pyrene

27.174min (+ 0.182) 3.93 ng/u1 m

response 332940

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.20  | 32.90# |
| 277.00 | 23.80  | 44.32# |
| 0.00   | 0.00   | 0.00   |

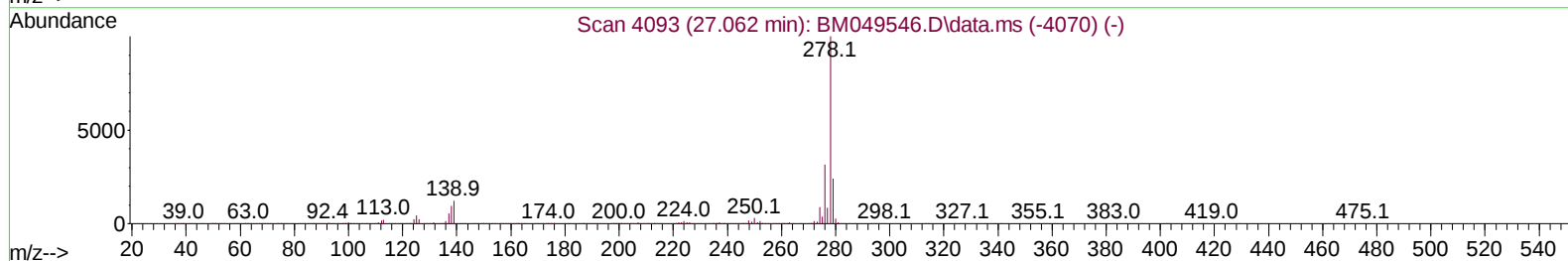
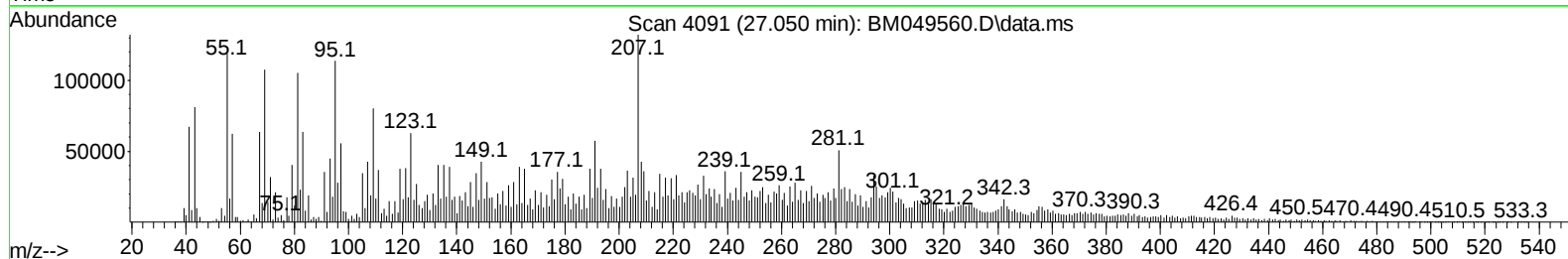
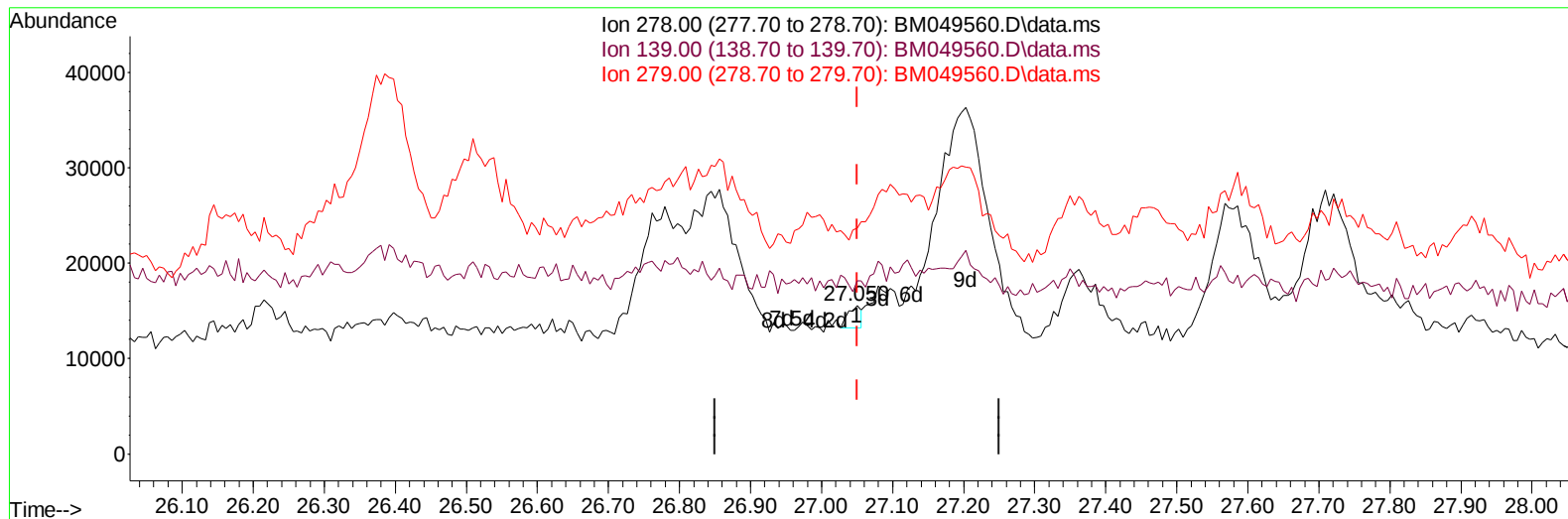
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:44:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

**(95) Dibenzo(a,h)anthracene**

27.050min (-0.000) 0.04 ng/u1

response 3028

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 278.00 | 100.00 | 100.00  |
| 139.00 | 13.10  | 117.11# |
| 279.00 | 24.10  | 152.71# |
| 0.00   | 0.00   | 0.00    |

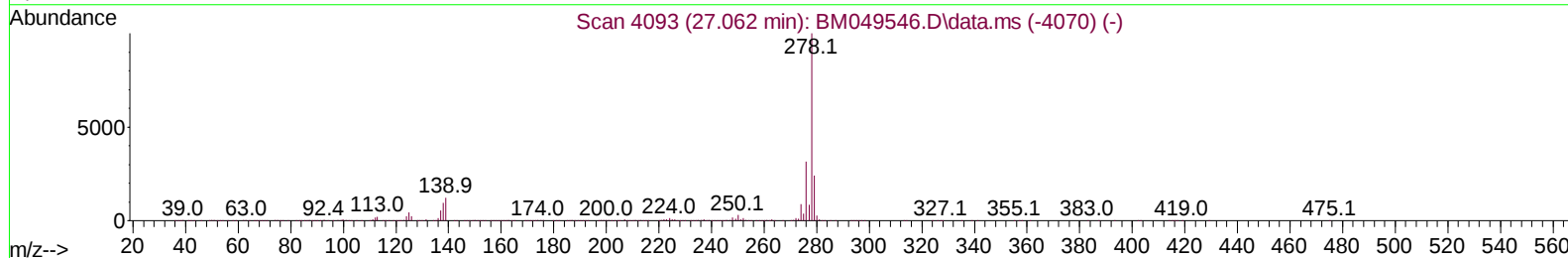
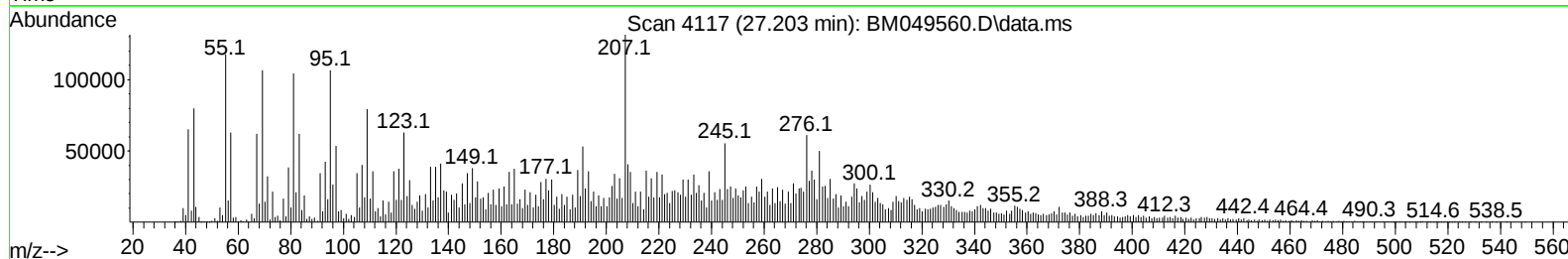
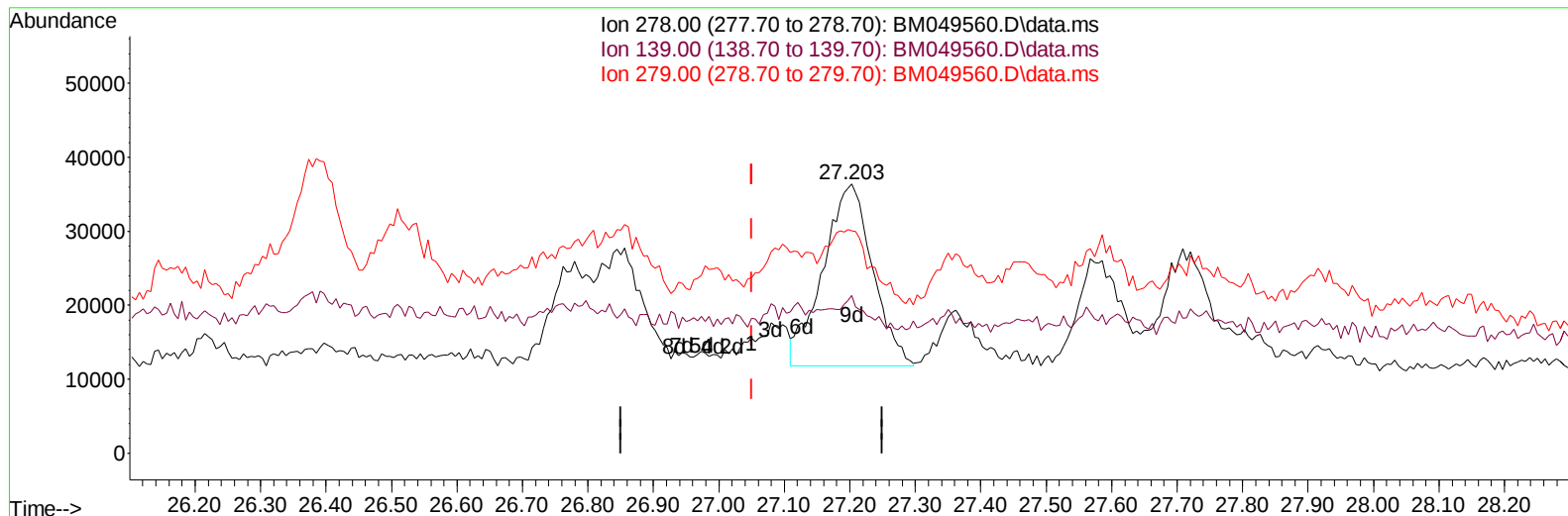
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:44:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**27.203min (+ 0.153) 1.88 ng/ul m**

**response 129153**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.10  | 58.64# |
| 279.00 | 24.10  | 82.64# |
| 0.00   | 0.00   | 0.00   |

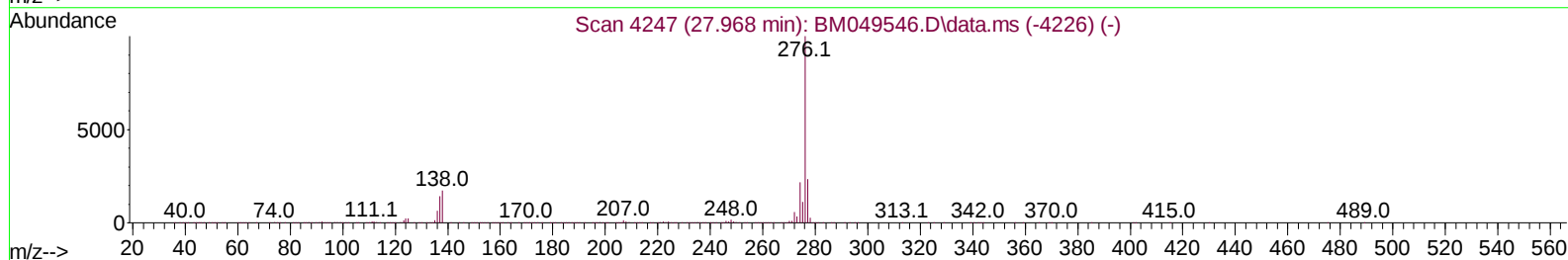
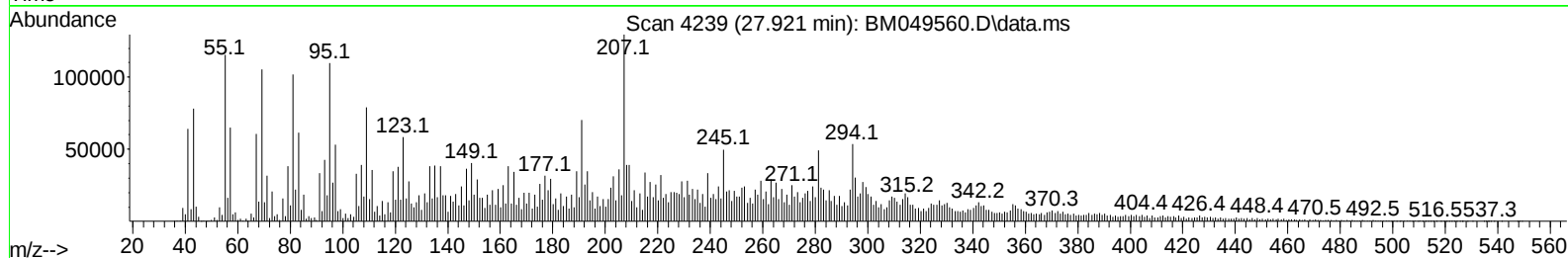
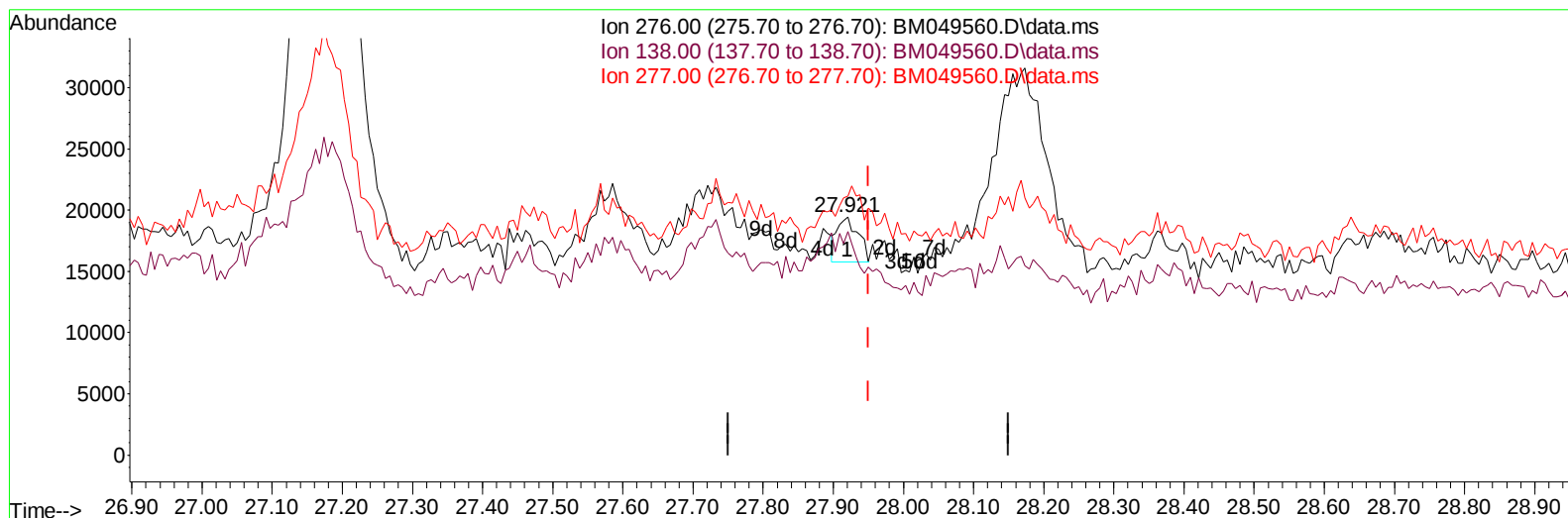
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:46:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049560.D\data.ms

(96) Benzo(g,h,i)perylene

27.921min (-0.030) 0.12 ng/u1

response 7574

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 276.00 | 100.00 | 100.00  |
| 138.00 | 17.60  | 93.92#  |
| 277.00 | 23.90  | 108.63# |
| 0.00   | 0.00   | 0.00    |

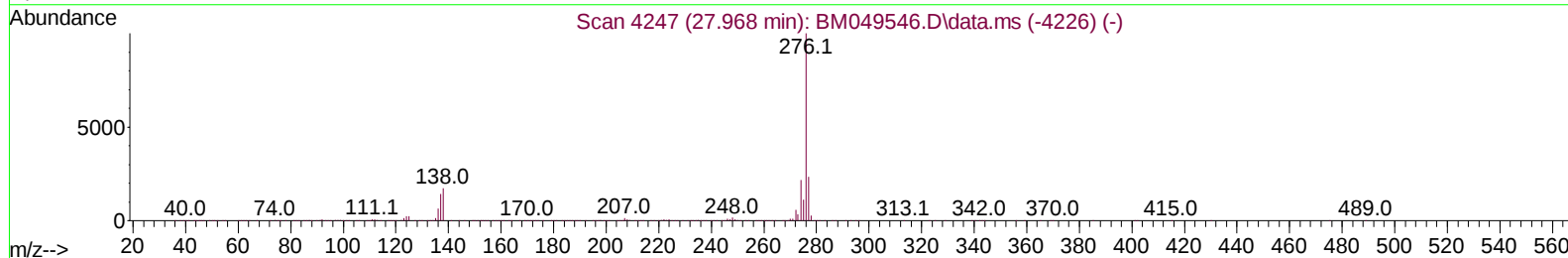
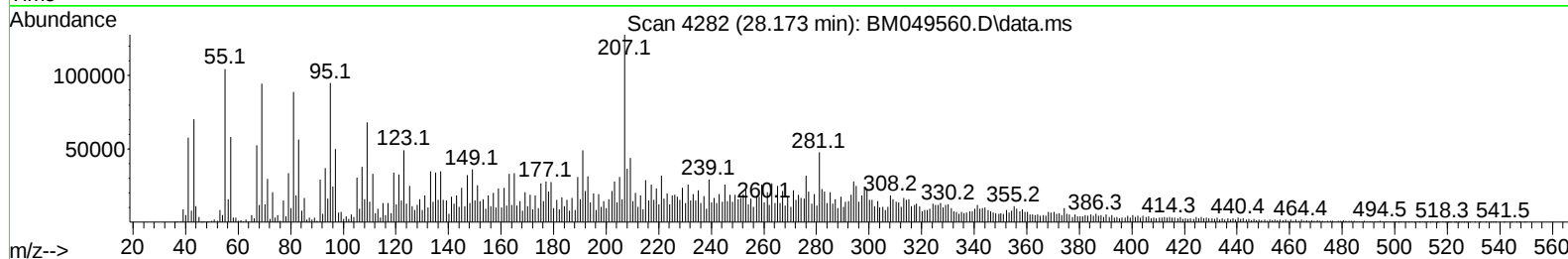
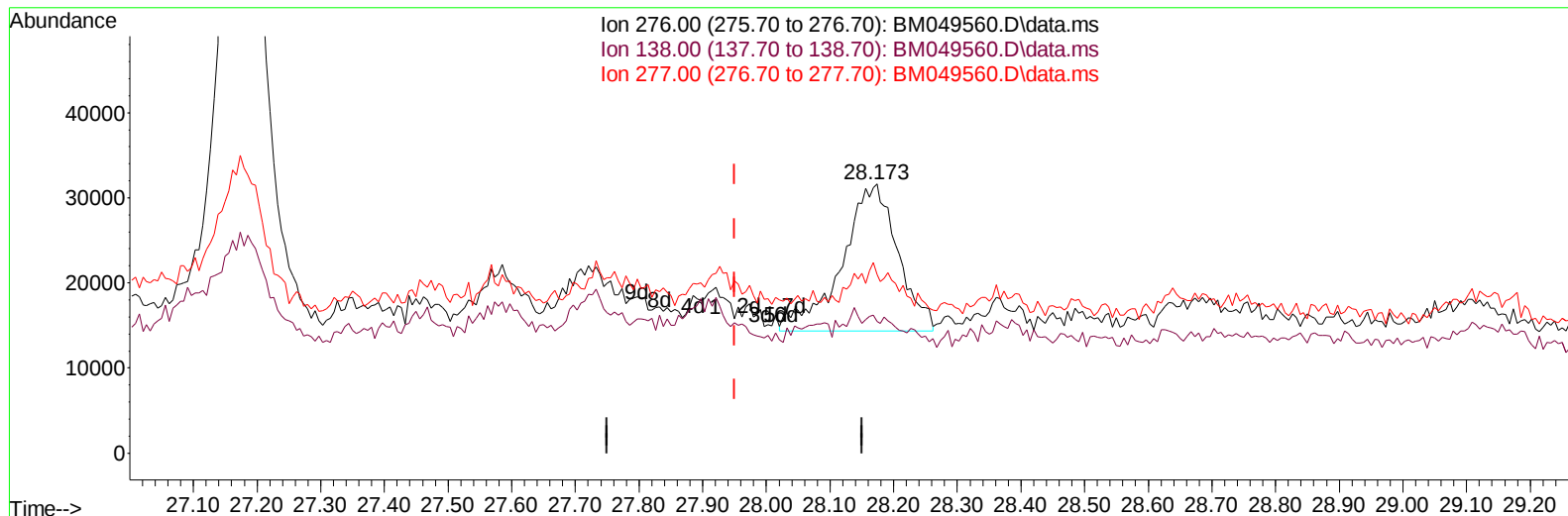
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:46:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration



TIC: BM049560.D\data.ms

**(96) Benzo(g,h,i)perylene**

28.173min (+ 0.223) 1.64 ng/ul m

response 105433

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.60  | 48.88# |
| 277.00 | 23.90  | 66.49# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
 Data File : BM049560.D  
 Acq On : 31 Jan 2025 16:36  
 Operator : RC/JU  
 Sample : Q1190-08  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:47:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 28 14:45:18 2025  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
 Supervised By :mohammad ahmed 02/04/2025

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.510  | 152 |     | 311749   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.275 | 136 |     | 1150780  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.157 | 164 |     | 684973   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.910 | 188 |     | 1273490  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.162 | 240 |     | 1041349  | 20.000 | ng/ul  | 0.03     |
| 88) Perylene-d12              | 24.003 | 264 |     | 1122952m | 20.000 | ng/ul  | 0.09     |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.110  | 96  |     | 17791    | 2.114  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.516  | 84  |     | 27113    | 1.097  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.728  | 99  |     | 392631   | 15.520 | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.863  | 67  |     | 239034   | 13.818 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.057  | 132 |     | 328860   | 16.799 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.239  | 113 |     | 291117   | 15.707 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 8.657  | 128 |     | 149980   | 17.036 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.369  | 143 |     | 167709   | 17.464 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.922  | 165 |     | 308492   | 15.742 | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.445 | 131 |     | 7465m    | 0.297  | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.574 | 166 |     | 850449   | 16.933 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.845 | 160 |     | 933712   | 15.823 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.433 | 143 |     | 81776    | 9.926  | ng/ul  | 0.05     |
| 60) Fluorene-d10              | 15.157 | 176 |     | 669895   | 15.168 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.298 | 200 |     | 25452    | 3.172  | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.009 | 188 |     | 977049   | 15.364 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.321 | 212 |     | 857345   | 14.083 | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.803 | 264 |     | 587977m  | 9.817  | ng/ul  | 0.08     |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 8) Phenol                     | 6.757  | 94  |     | 45333    | 1.707  | ng/ul  | 98       |
| 16) Acetophenone              | 8.328  | 105 |     | 88595    | 2.874  | ng/ul  | 98       |
| 50) Acenaphthylene            | 13.874 | 152 |     | 62867    | 1.037  | ng/ul  | 94       |
| 72) Phenanthrene              | 16.957 | 178 |     | 101271   | 1.413  | ng/ul# | 85       |
| 74) Anthracene                | 17.045 | 178 |     | 88000    | 1.219  | ng/ul# | 83       |
| 80) Fluoranthene              | 18.986 | 202 |     | 435191   | 6.259  | ng/ul  | 99       |
| 82) Pyrene                    | 19.351 | 202 |     | 471894   | 6.308  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.145 | 228 |     | 300393   | 4.106  | ng/ul# | 54       |
| 87) Chrysene                  | 21.203 | 228 |     | 403432m  | 5.939  | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 23.109 | 252 |     | 467488m  | 6.423  | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.156 | 252 |     | 168203m  | 2.287  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.862 | 252 |     | 353075m  | 5.171  | ng/ul  |          |
| 94) Indeno(1,2,3-cd)pyrene    | 27.174 | 276 |     | 332940m  | 3.934  | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 27.203 | 278 |     | 129153m  | 1.883  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 28.173 | 276 |     | 105433m  | 1.638  | ng/ul  |          |
| -----                         |        |     |     |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM013025\  
Data File : BM049560.D  
Acq On : 31 Jan 2025 16:36  
Operator : RC/JU  
Sample : Q1190-08  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A44S7

## Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:47:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM012825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jan 28 14:45:18 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025

