

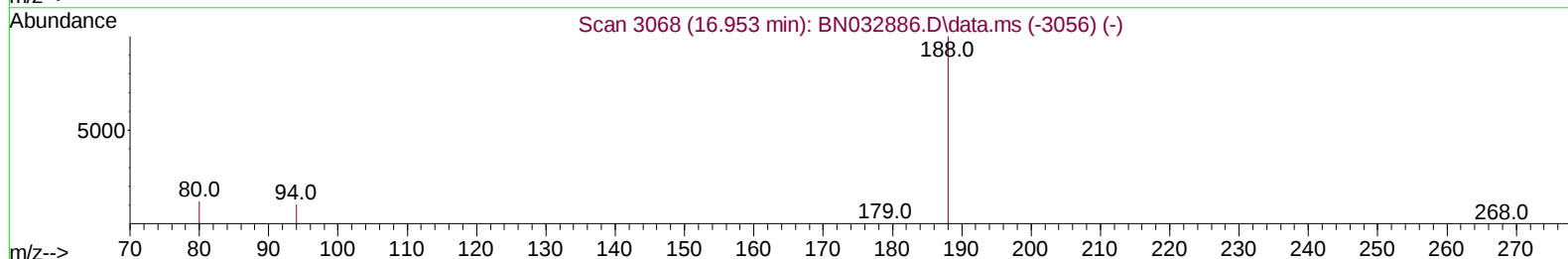
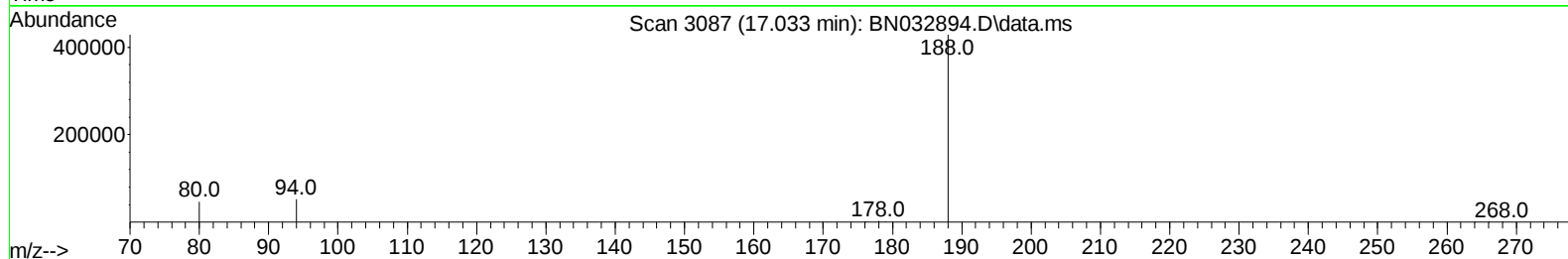
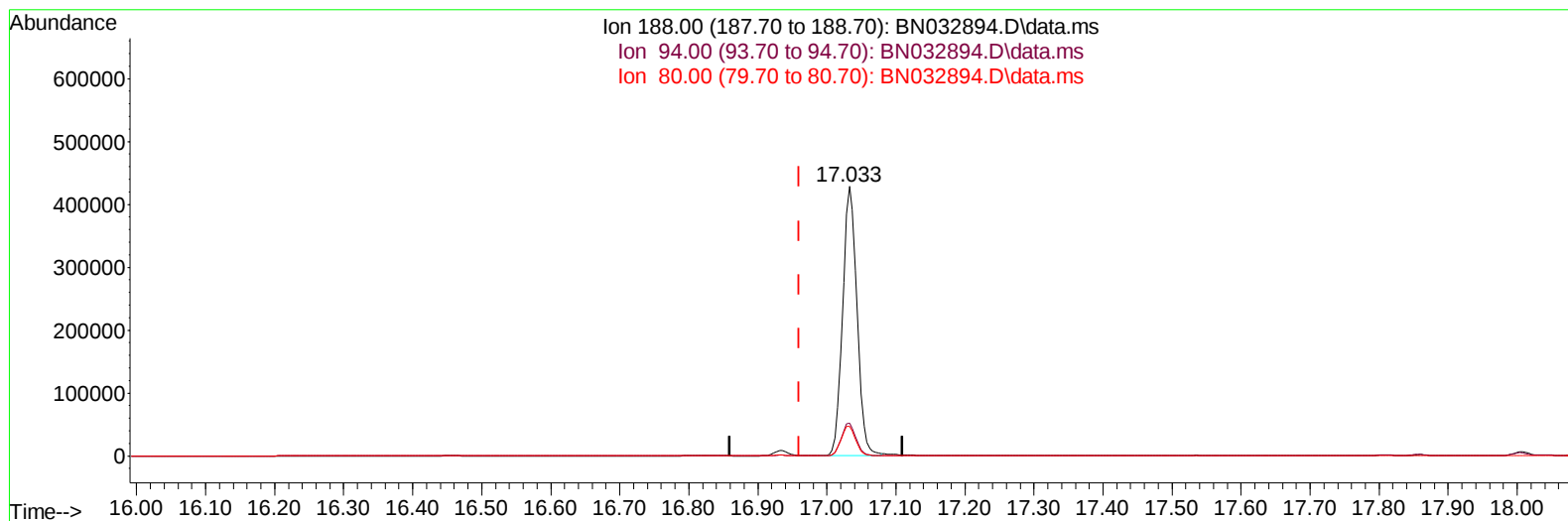
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration



TIC: BN032894.D\data.ms

**(13) Phenanthrene-d10 (I)**

17.033min (+ 0.073) 0.40 ng/u1

response 618672

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 12.07  |
| 80.00  | 12.00  | 10.94  |
| 0.00   | 0.00   | 0.00   |

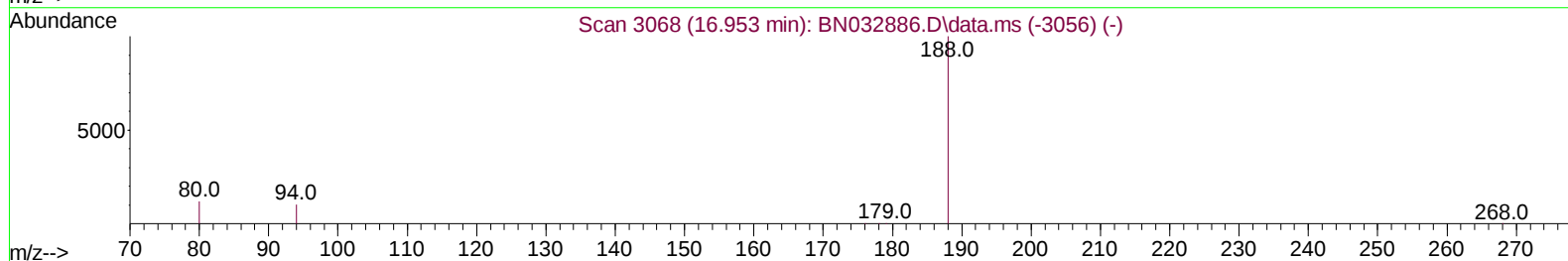
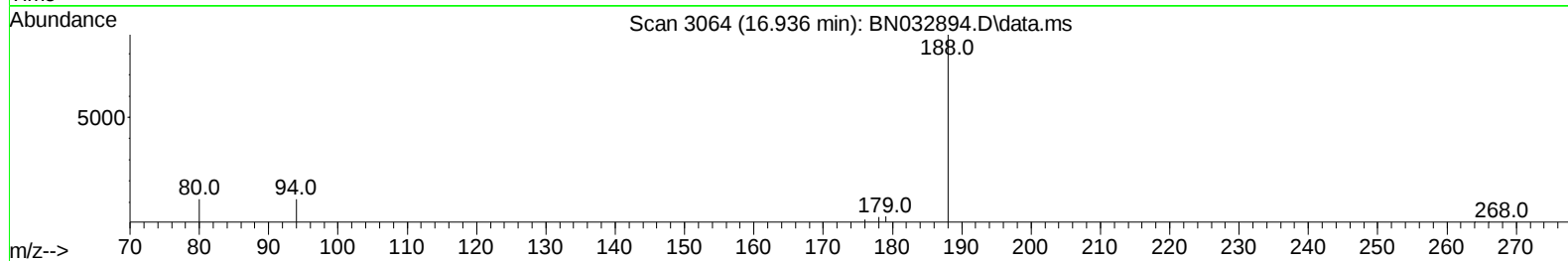
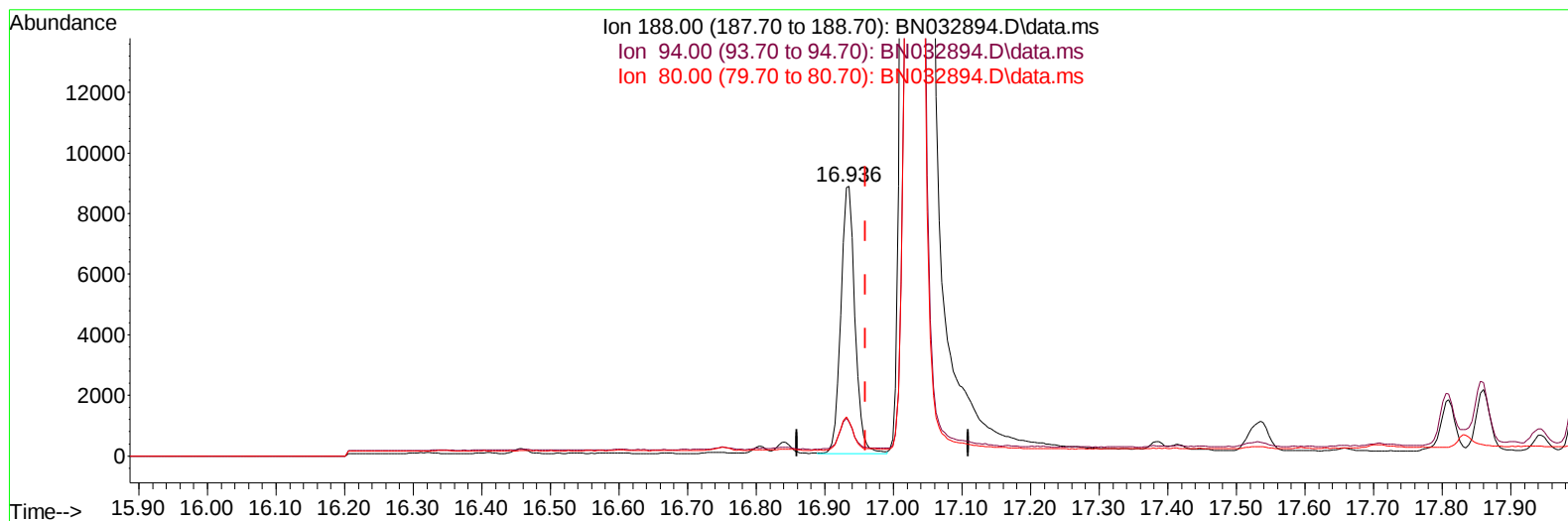
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
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QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(13) Phenanthrene-d10 (I)

16.936min (-0.024) 0.40 ng/ul m

response 12701

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 12.75  |
| 80.00  | 12.00  | 12.92  |
| 0.00   | 0.00   | 0.00   |

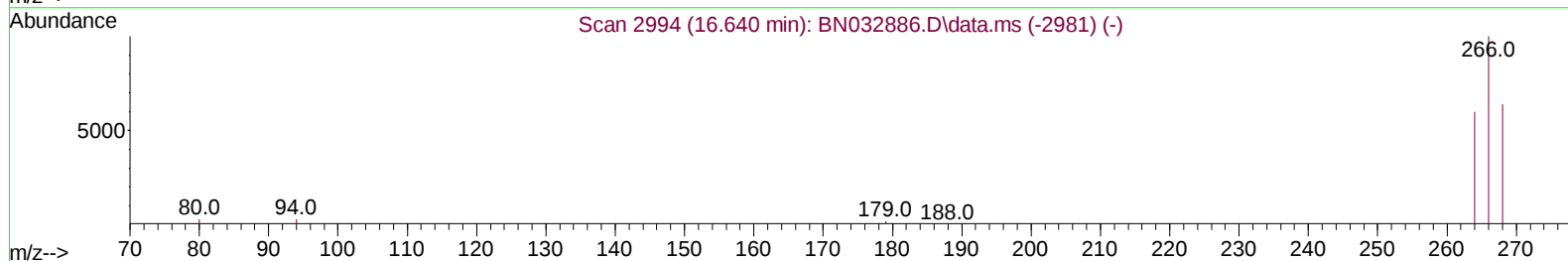
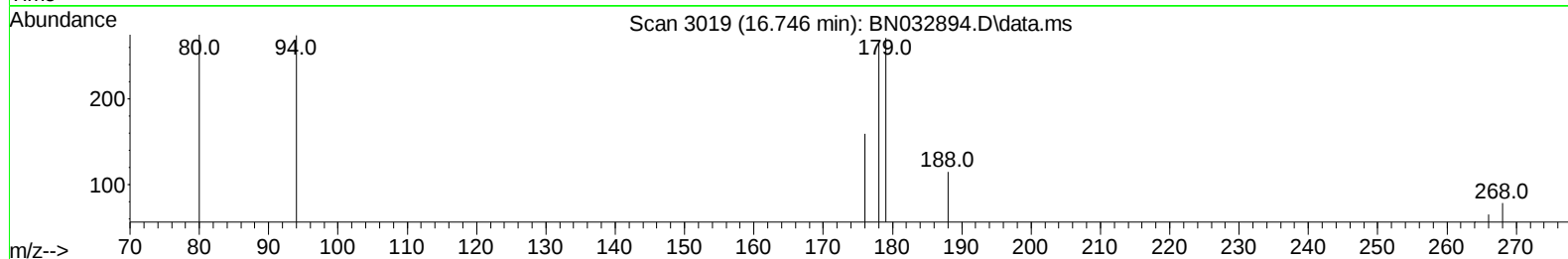
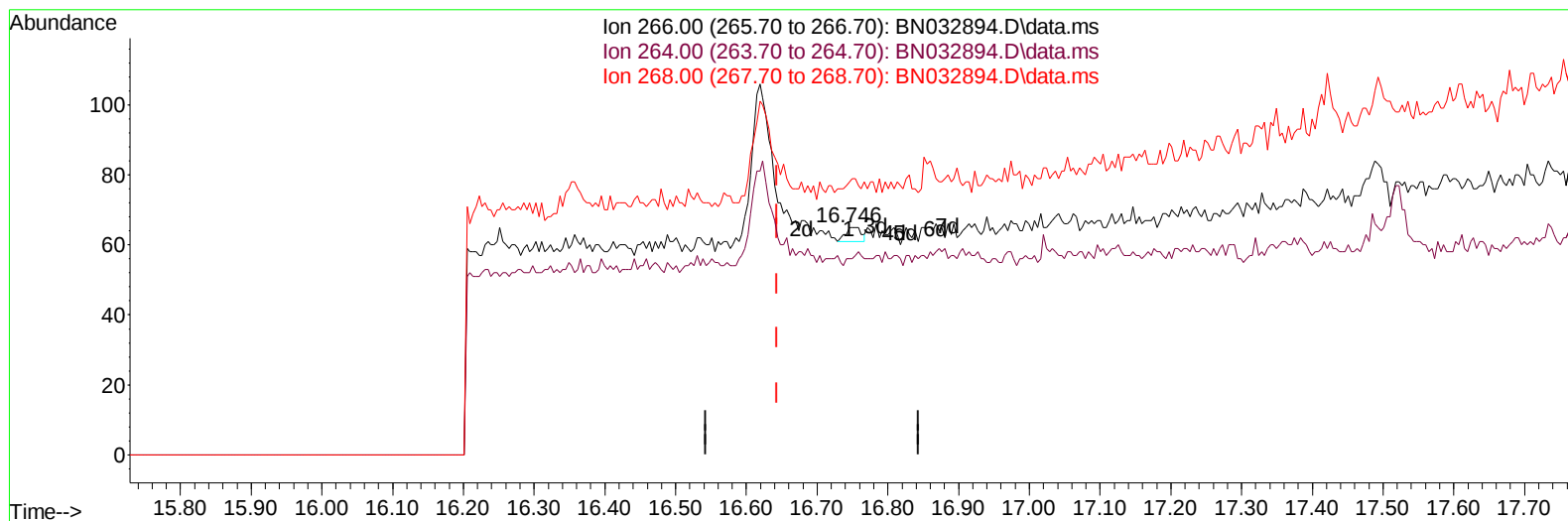
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(14) Pentachloropheno1

16.746min (+ 0.103) 0.00 ng/u1

response 6

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 266.00 | 100.00 | 100.00  |
| 264.00 | 61.80  | 100.00# |
| 268.00 | 64.50  | 50.00#  |
| 0.00   | 0.00   | 0.00    |

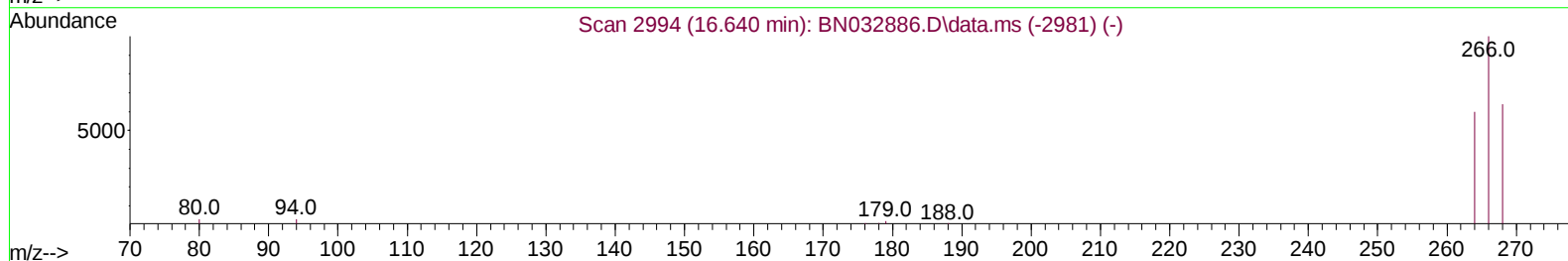
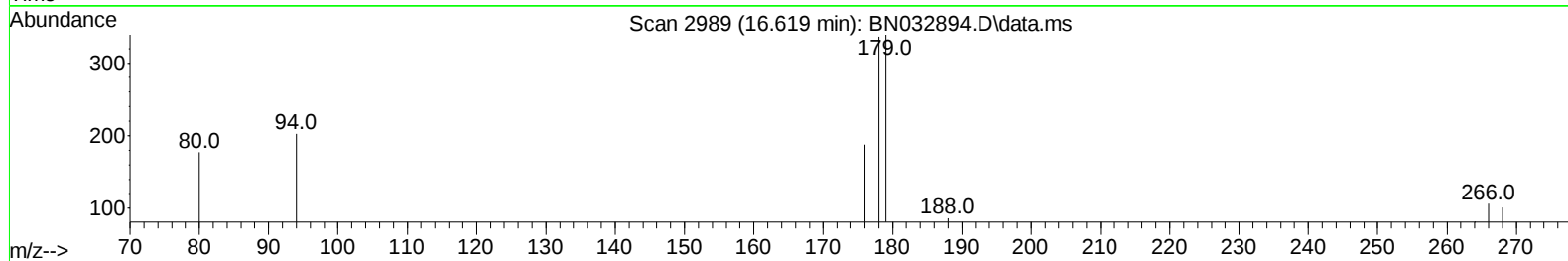
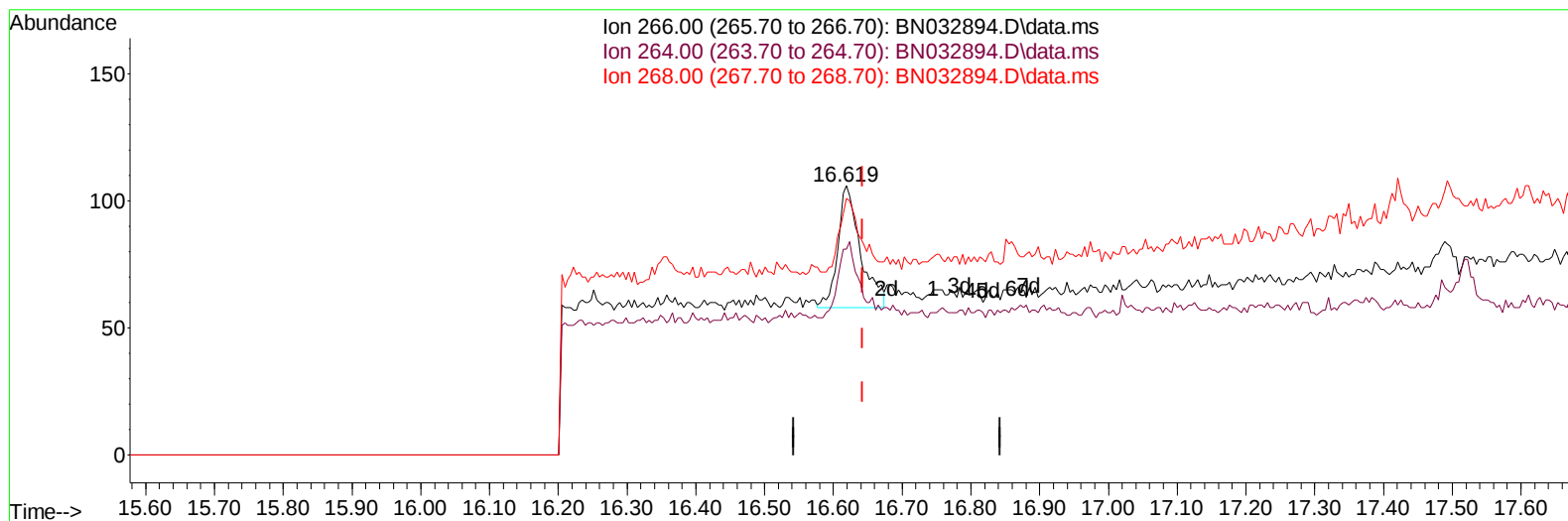
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(14) Pentachloropheno1

16.619min (-0.024) 0.05 ng/ul m

response 110

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 266.00 | 100.00 | 100.00 |
| 264.00 | 61.80  | 5.45#  |
| 268.00 | 64.50  | 2.73#  |
| 0.00   | 0.00   | 0.00   |

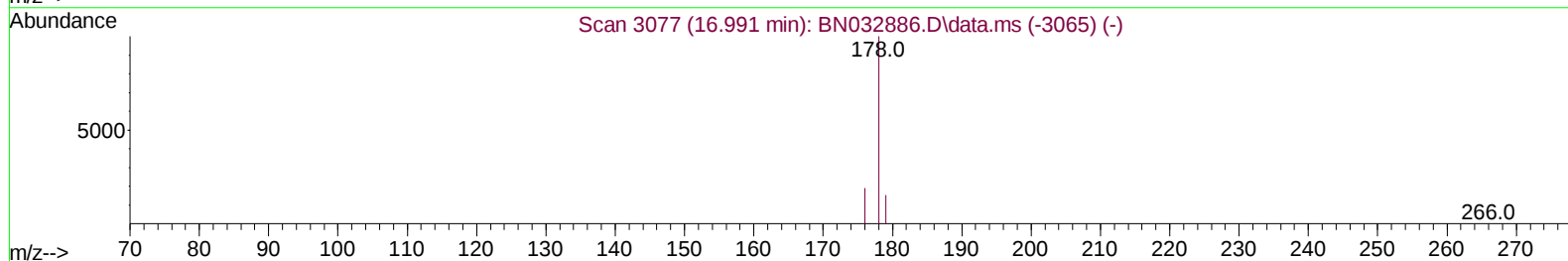
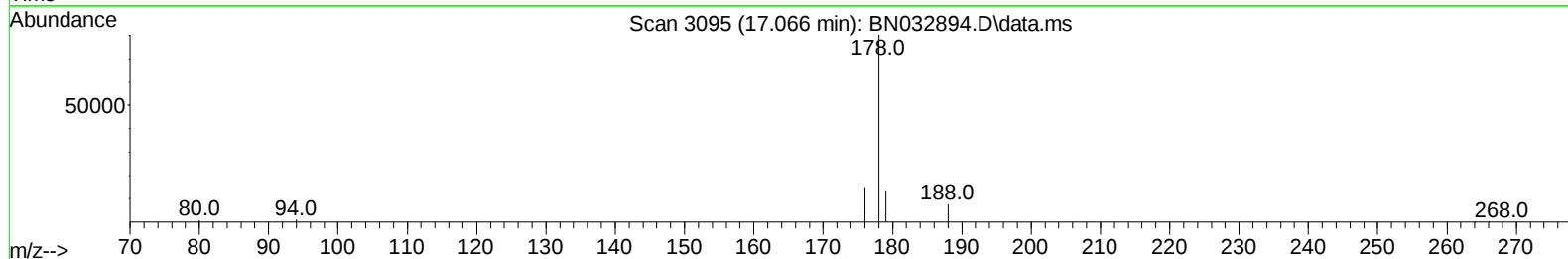
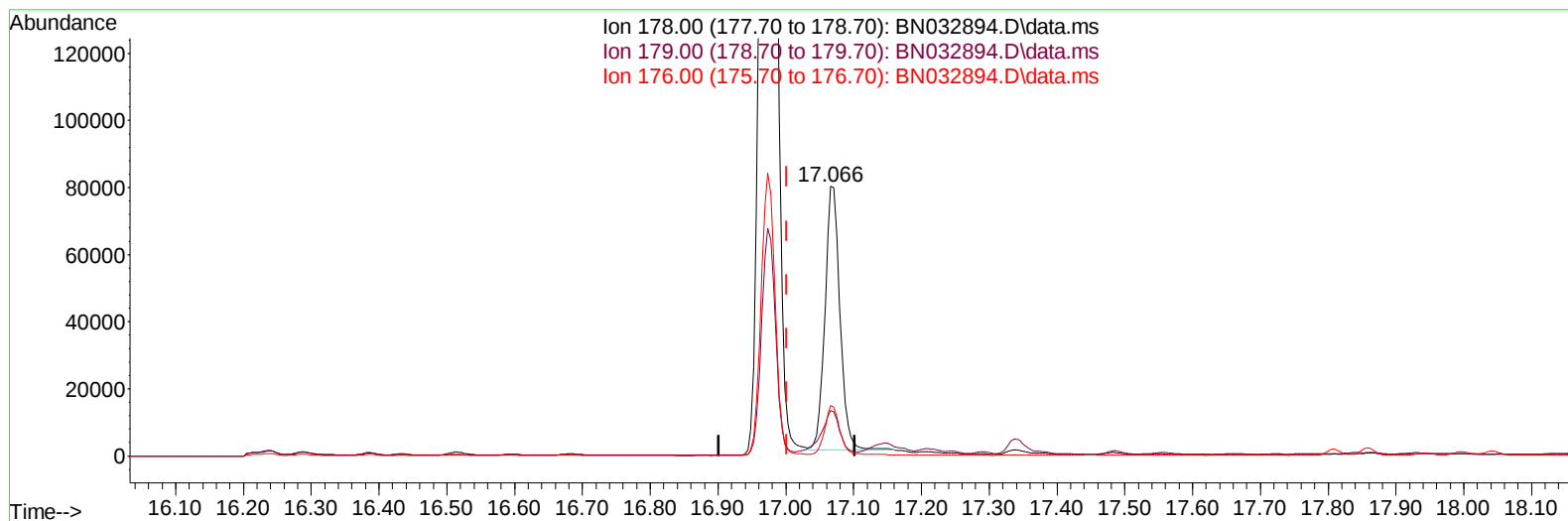
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
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Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(15) Phenanthrene

17.066min (+ 0.065) 3.47 ng/u1

response 119979

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.20  | 16.89  |
| 176.00 | 19.50  | 18.66  |
| 0.00   | 0.00   | 0.00   |

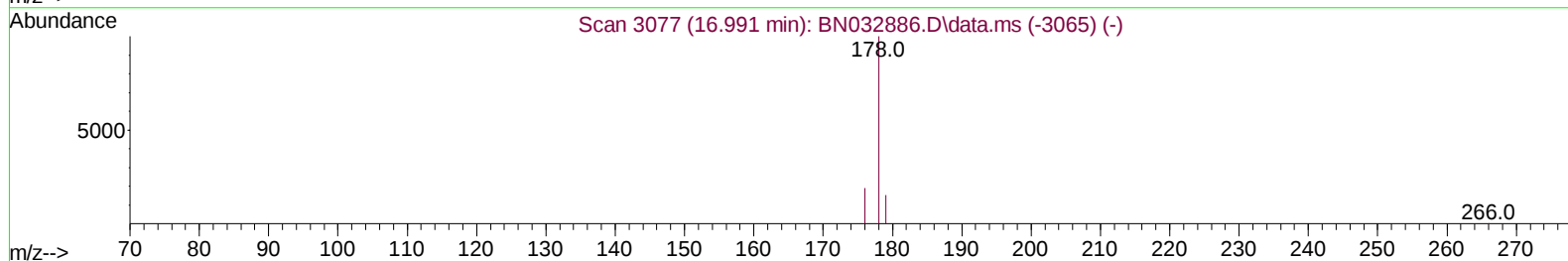
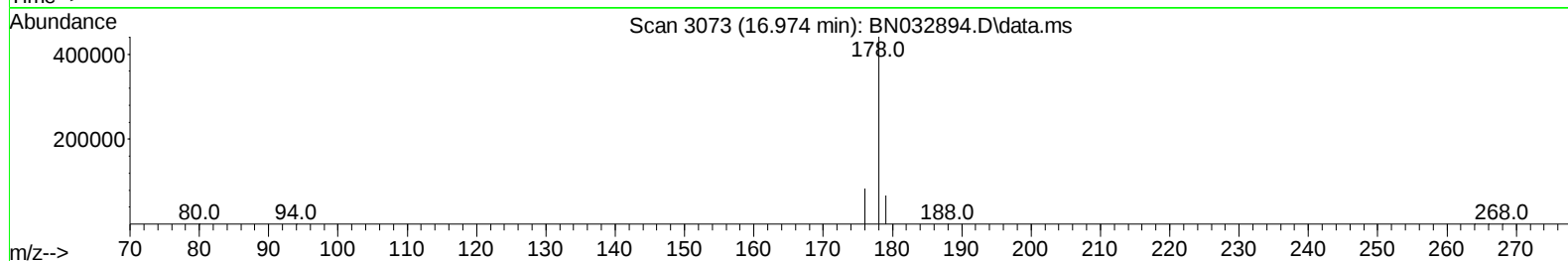
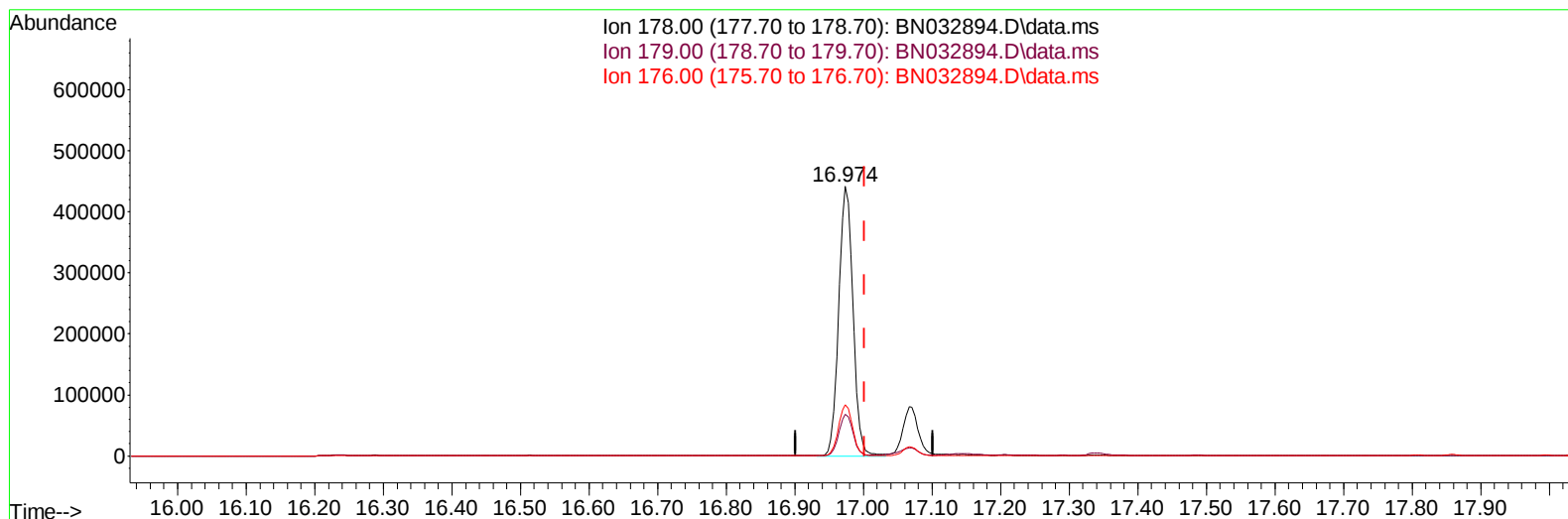
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(15) Phenanthrene

16.974min (-0.028) 18.58 ng/ul m

response 642703

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.20  | 15.38  |
| 176.00 | 19.50  | 19.11  |
| 0.00   | 0.00   | 0.00   |

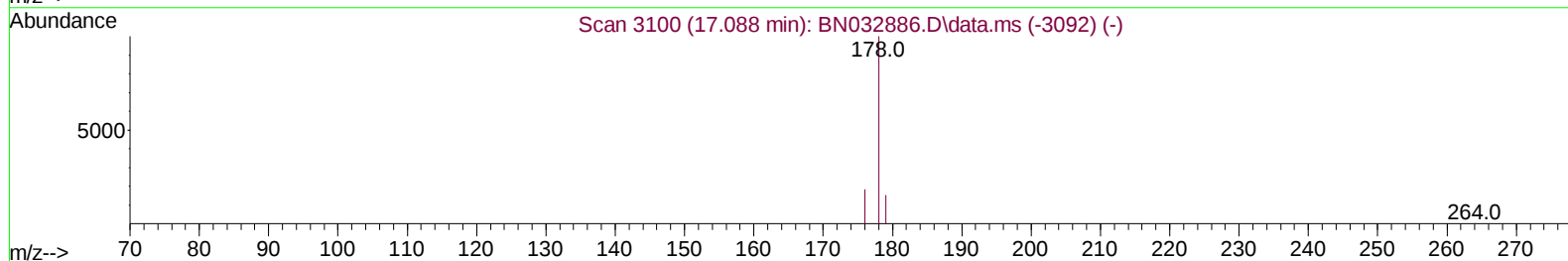
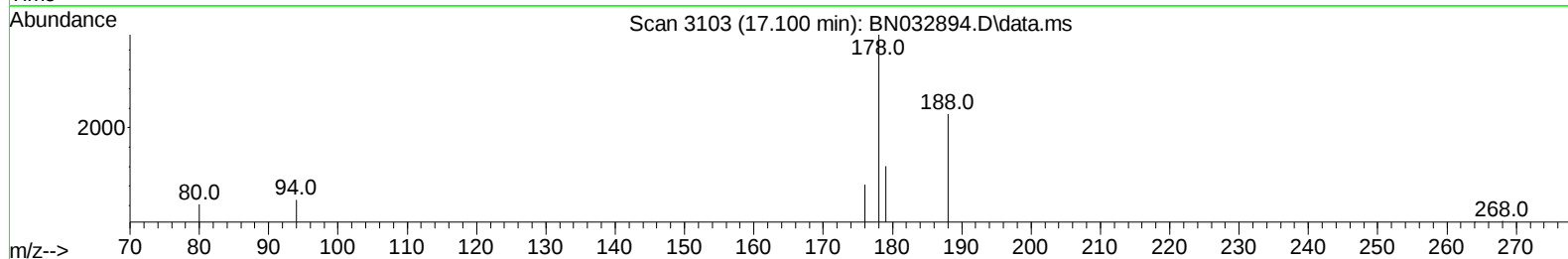
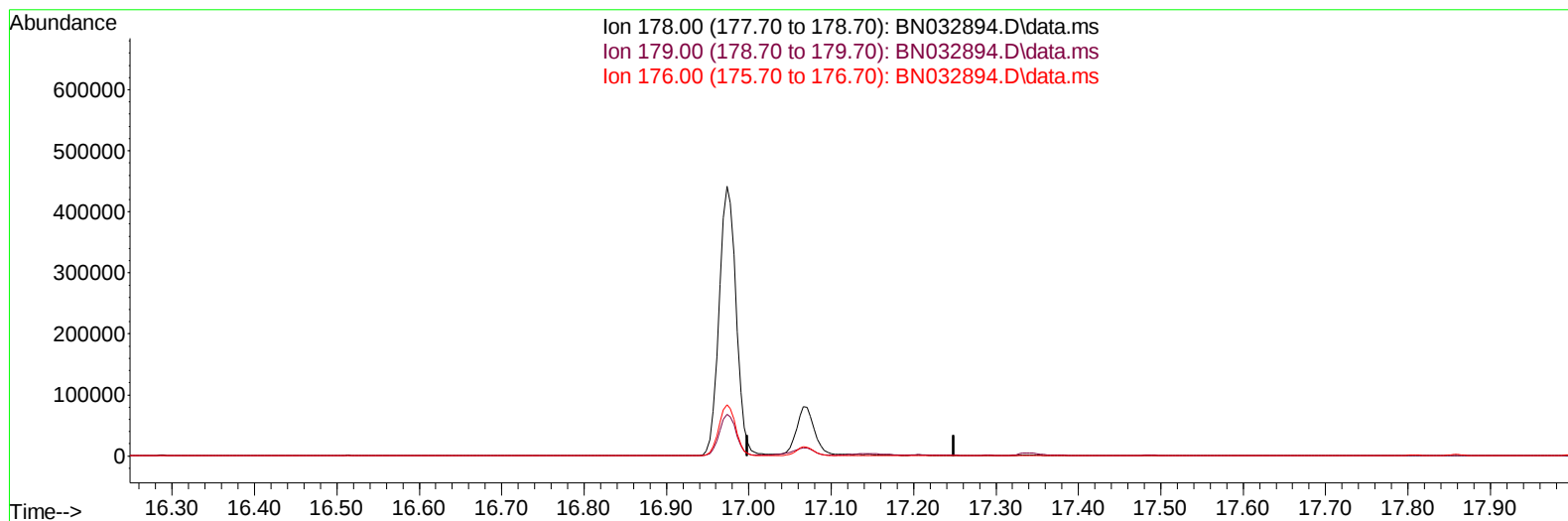
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(16) Anthracene

17.099min (-17.099) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 178.00 | 100.00 | 0.00  |
| 179.00 | 16.80  | 0.00# |
| 176.00 | 19.20  | 0.00# |
| 0.00   | 0.00   | 0.00  |

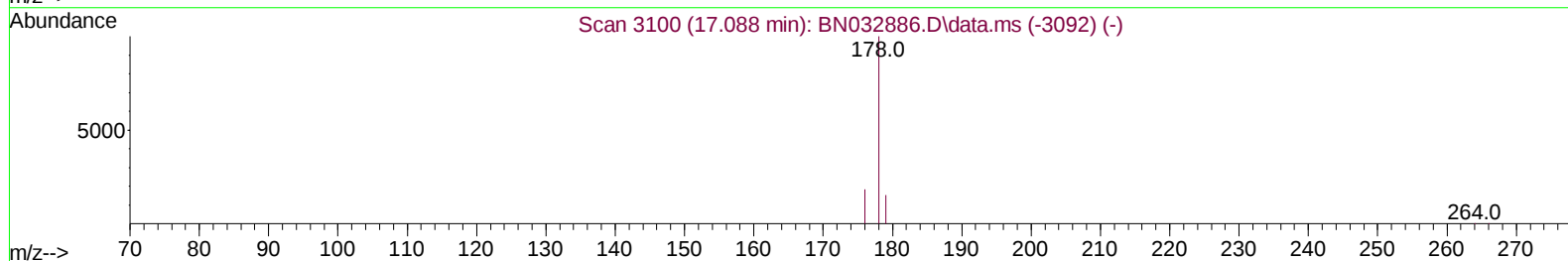
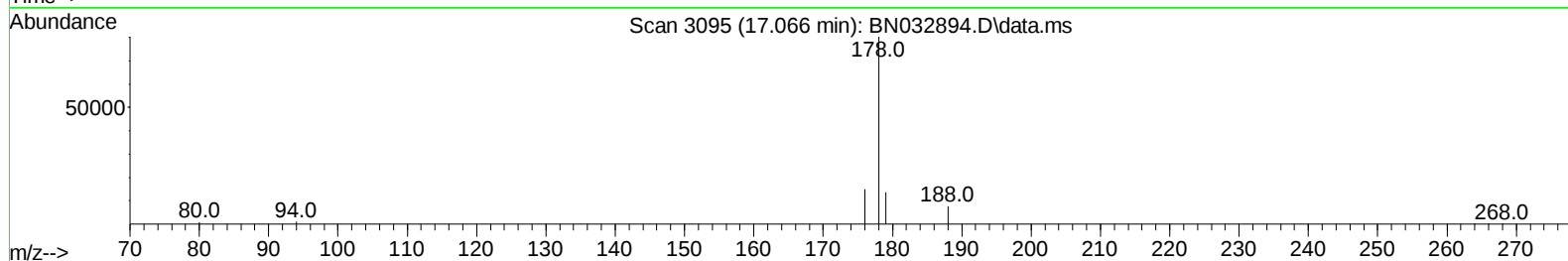
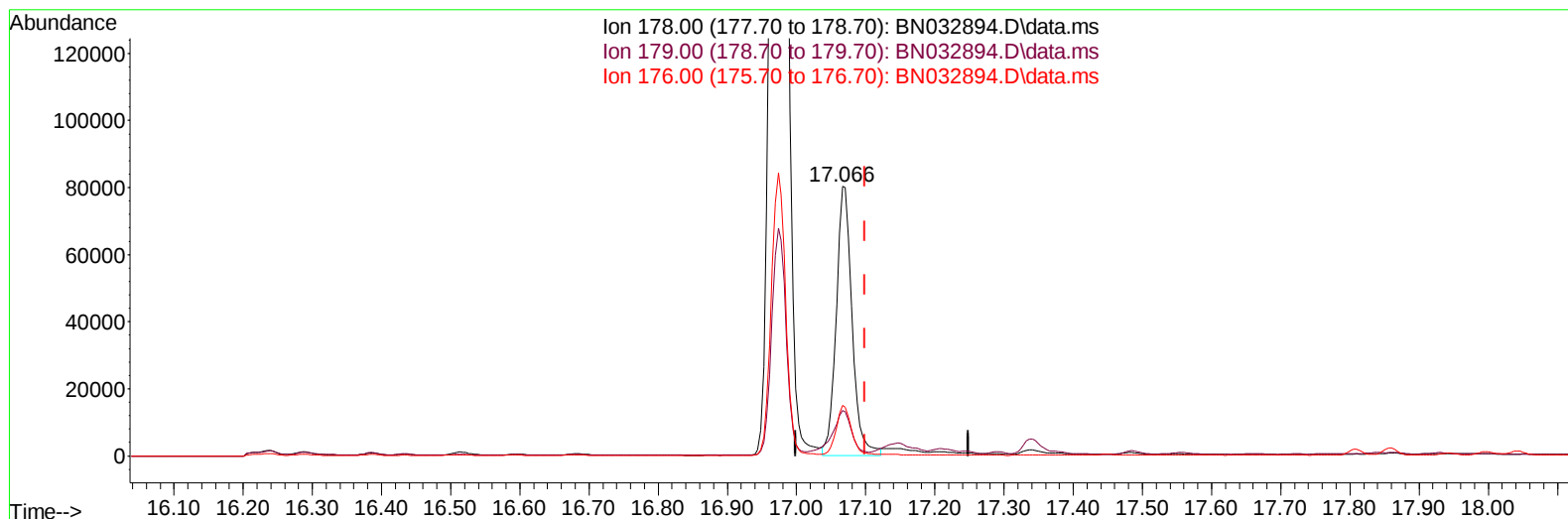
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(16) Anthracene

17.066min (-0.032) 4.50 ng/u1 m

response 127259

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.80  | 16.89  |
| 176.00 | 19.20  | 18.66  |
| 0.00   | 0.00   | 0.00   |

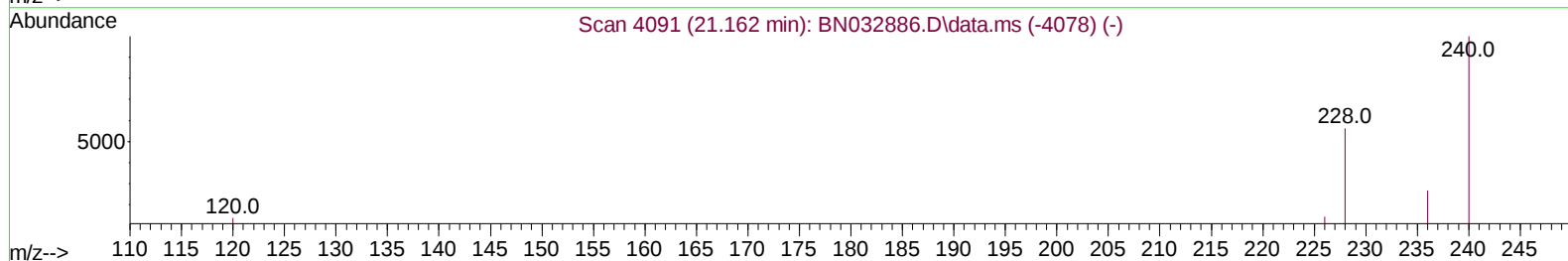
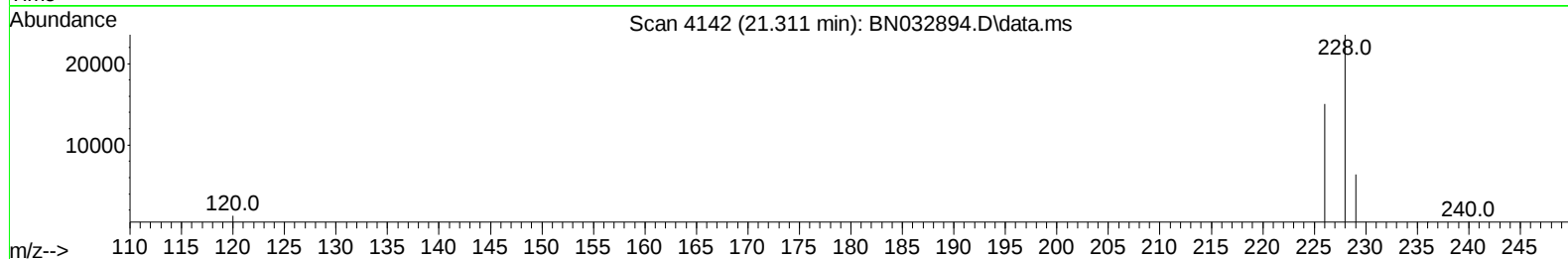
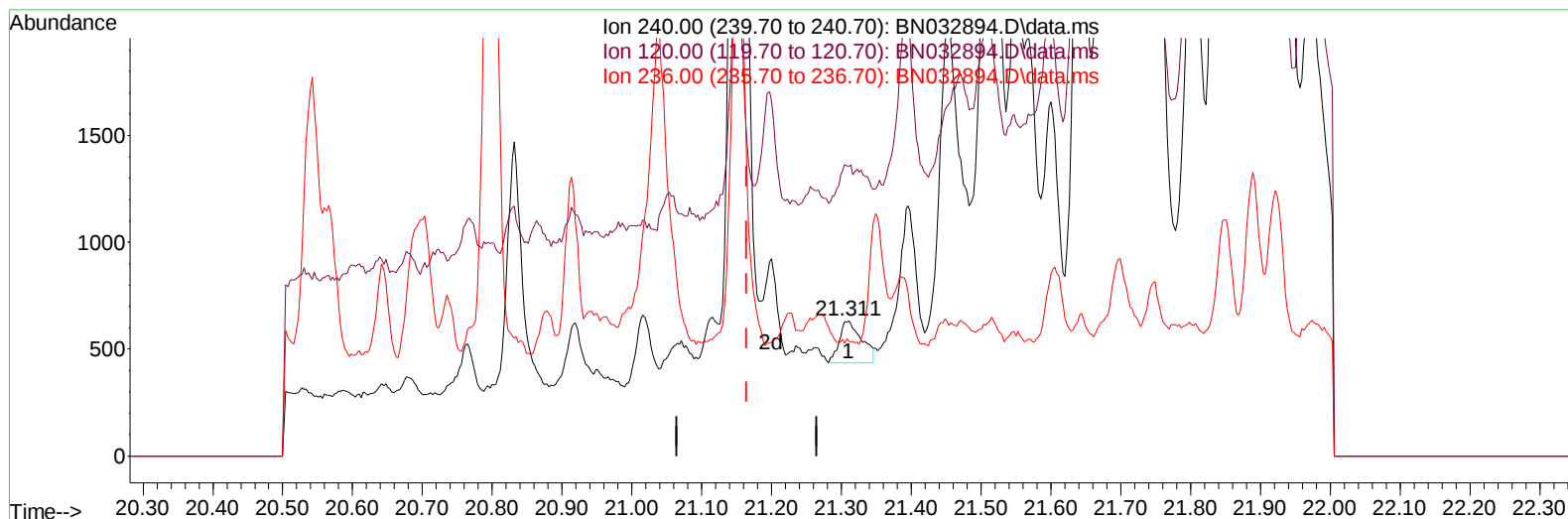
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(17) Chrysene-d12

21.311min (+ 0.146) 0.40 ng/u1

response 435

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 240.00 | 100.00 | 100.00  |
| 120.00 | 18.00  | 213.90# |
| 236.00 | 28.40  | 84.83#  |
| 0.00   | 0.00   | 0.00    |

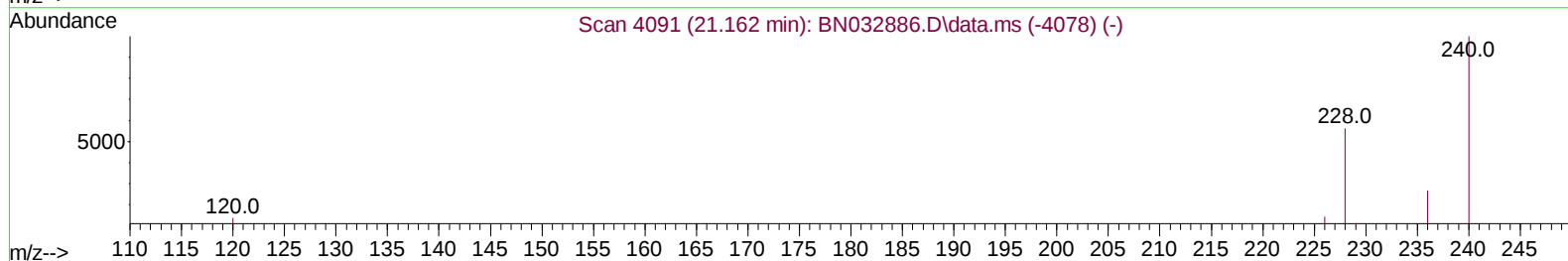
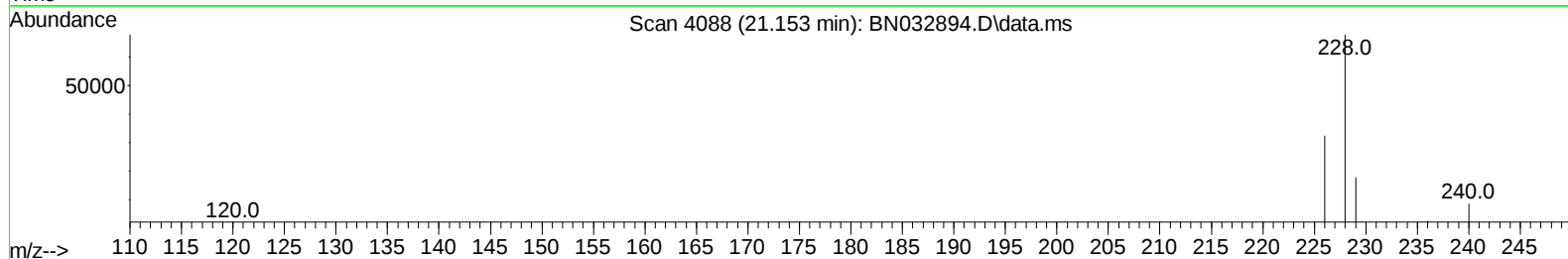
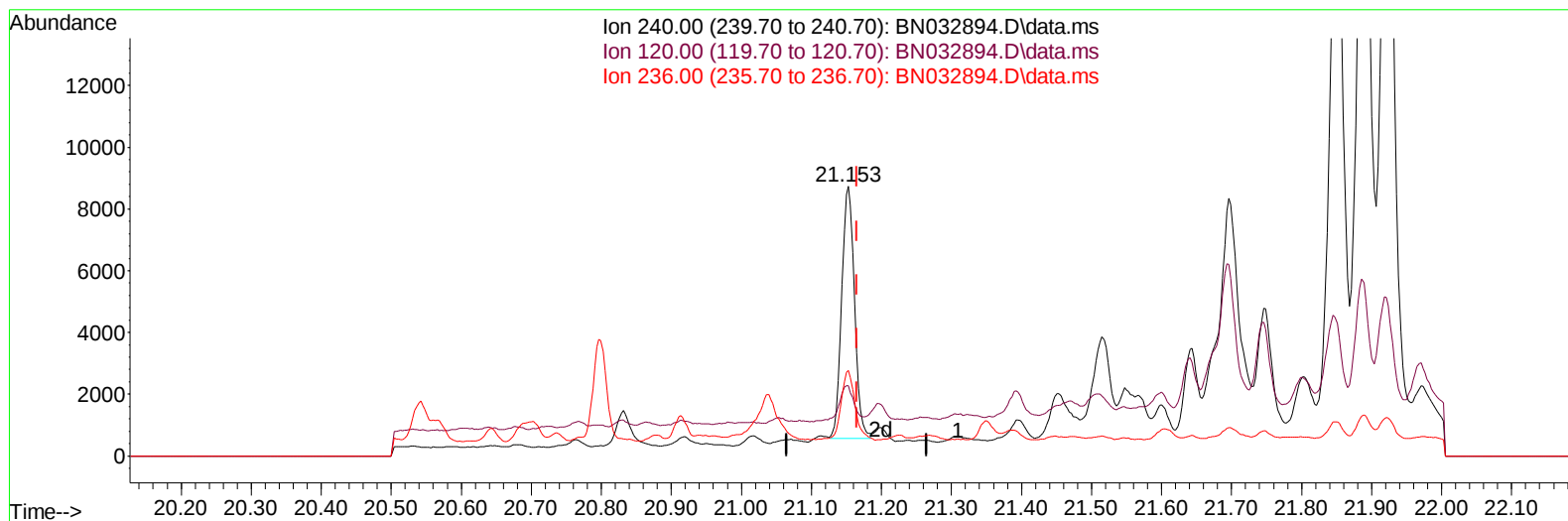
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

## Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
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QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

## (17) Chrysene-d12

21.153min (-0.012) 0.40 ng/u1 m

response 10313

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 18.00  | 26.00# |
| 236.00 | 28.40  | 31.73  |
| 0.00   | 0.00   | 0.00   |

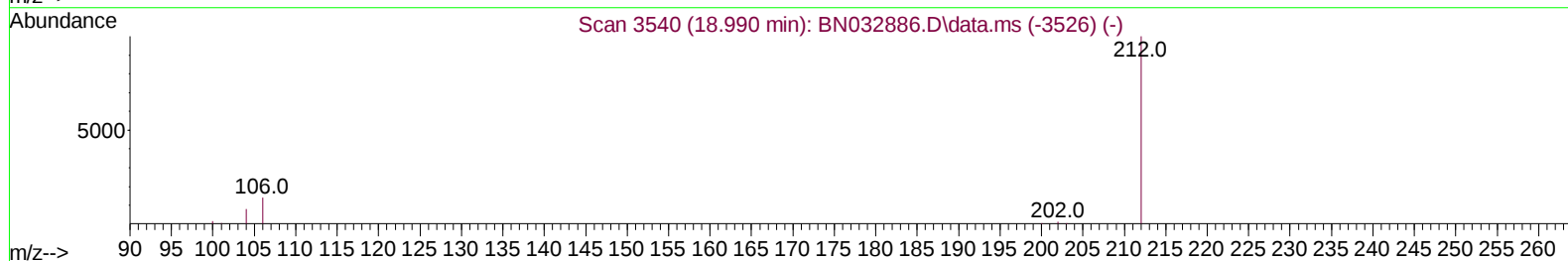
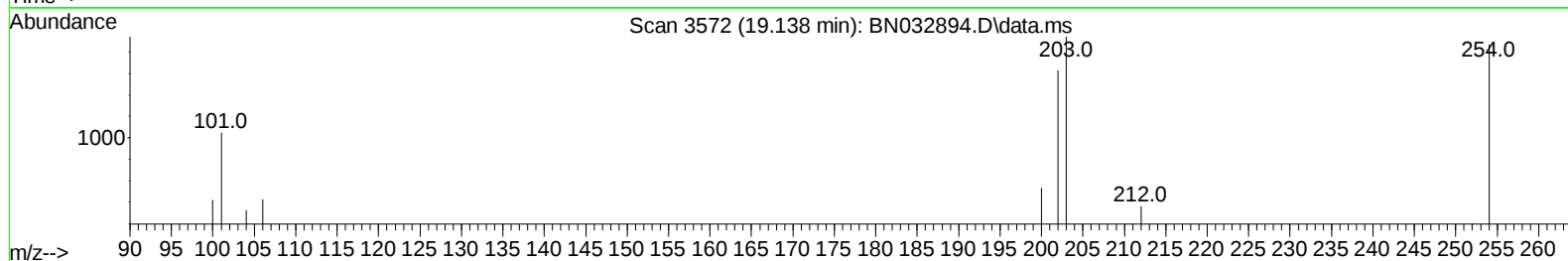
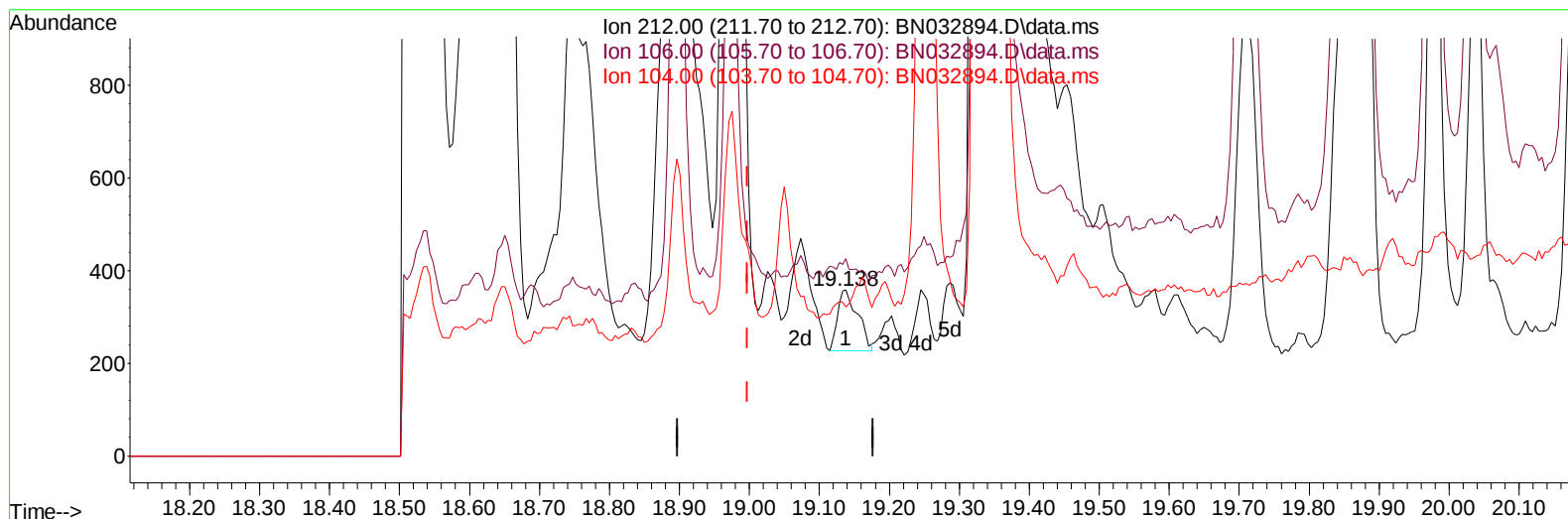
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
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TIC: BN032894.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.141) 0.01 ng/u1

response 261

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 15.10  | 42.91# |
| 104.00 | 9.00   | 0.00#  |
| 0.00   | 0.00   | 0.00   |

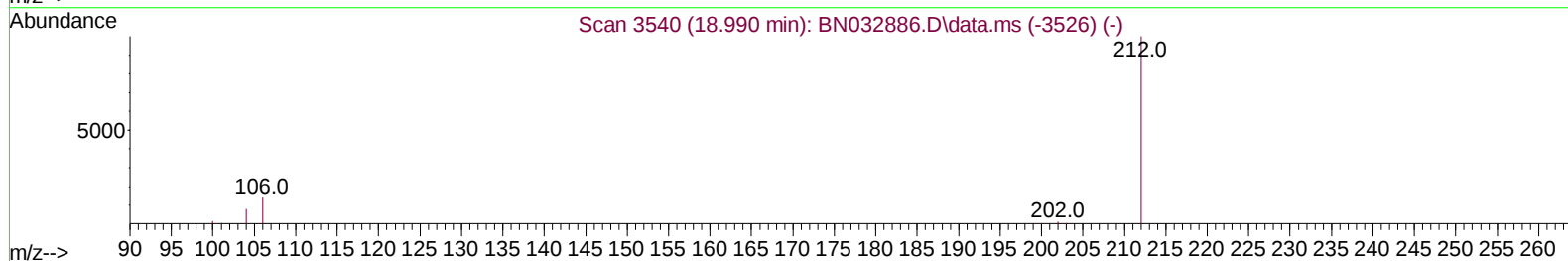
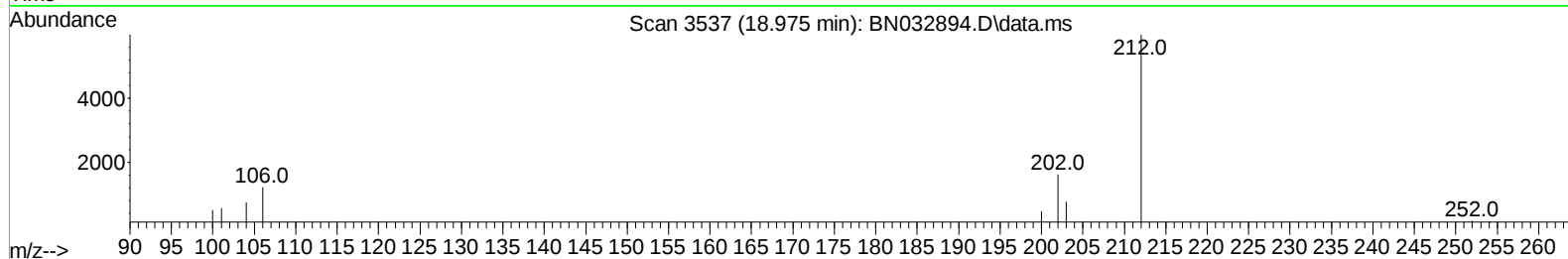
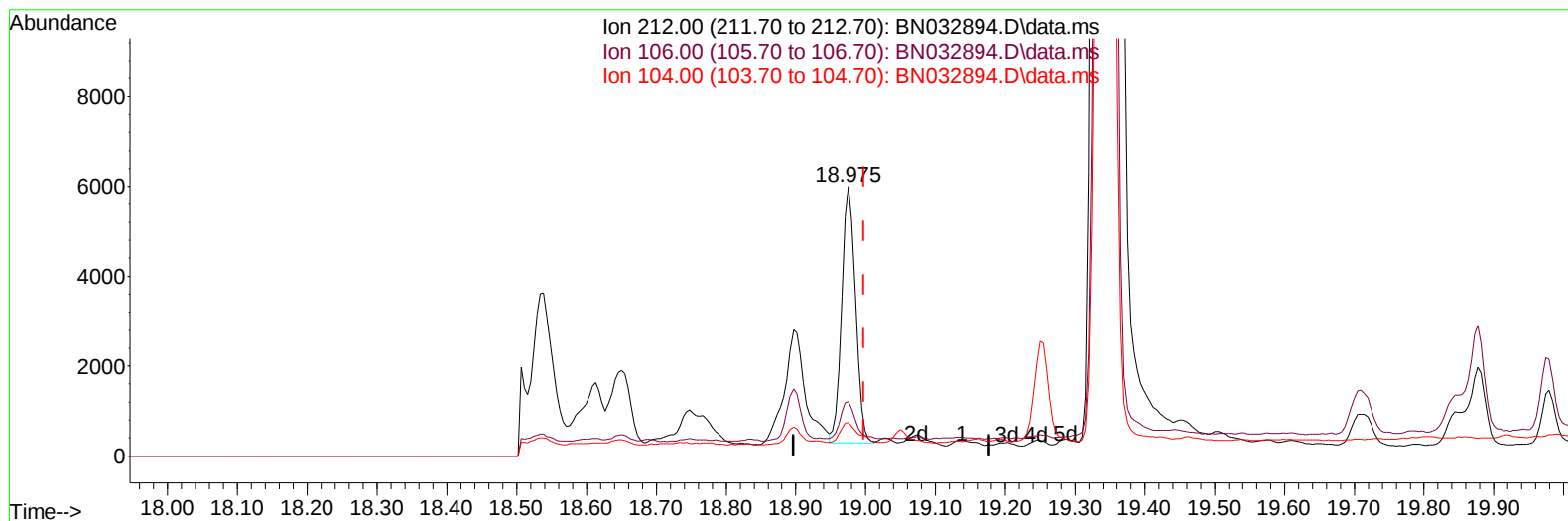
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
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Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.975min (-0.022) 0.23 ng/u1 m

response 7739

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 15.10  | 1.45#  |
| 104.00 | 9.00   | 0.00#  |
| 0.00   | 0.00   | 0.00   |

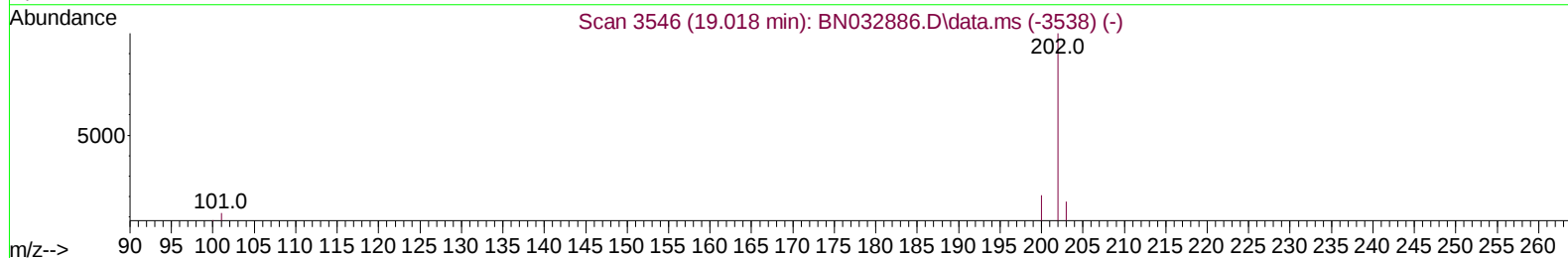
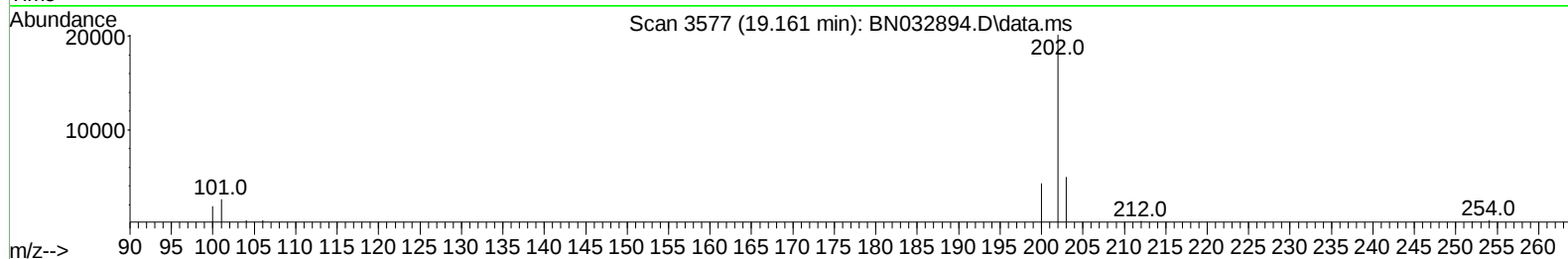
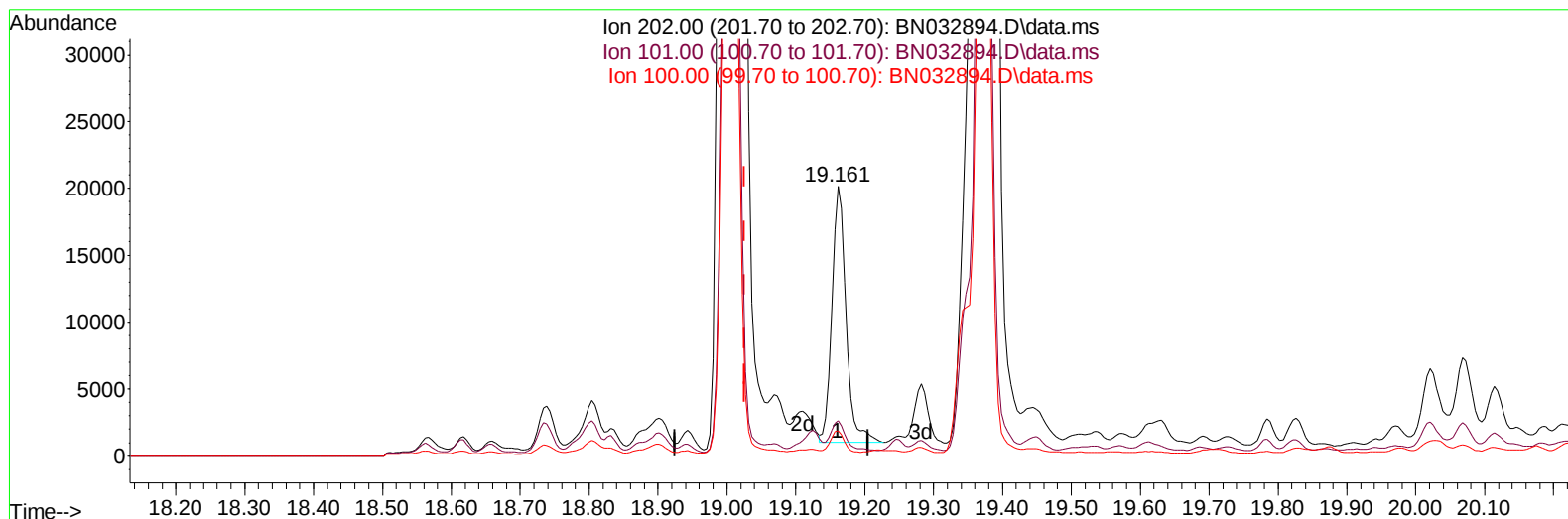
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(19) Fluoranthene (C)

19.161min (+ 0.136) 0.65 ng/u1

response 27301

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 12.30  | 13.11  |
| 100.00 | 9.90   | 9.42   |
| 0.00   | 0.00   | 0.00   |

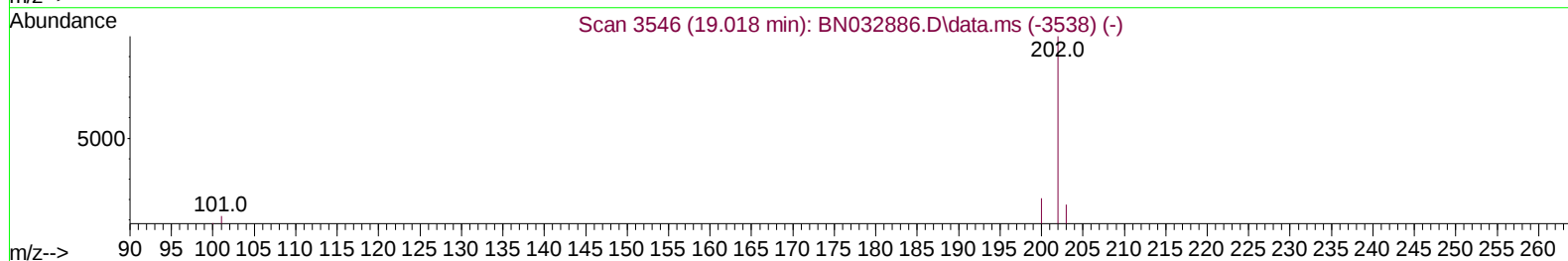
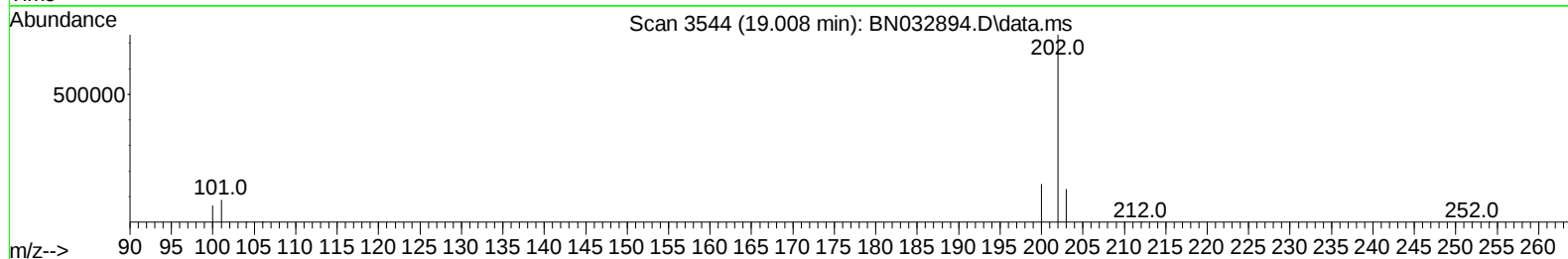
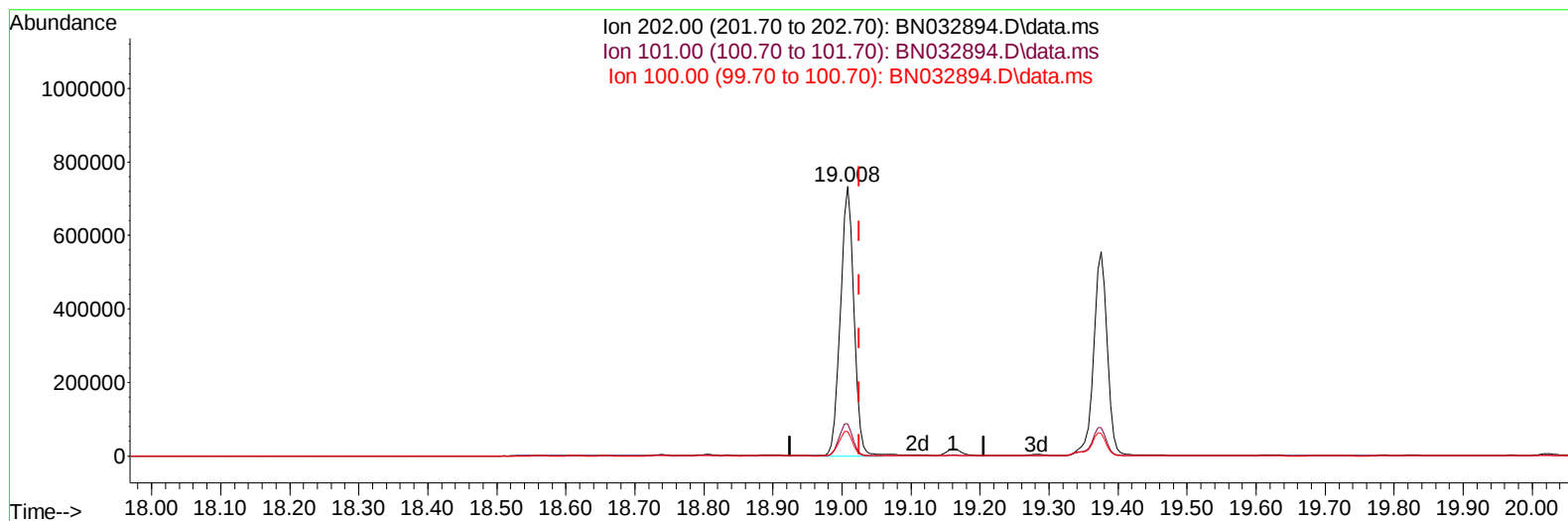
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
 Data File : BN032894.D  
 Acq On : 22 Jul 2024 15:35  
 Operator : MA/JU  
 Sample : P3215-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

**(19) Fluoranthene (C)**

**19.008min (-0.017) 23.50 ng/ul m**

**response 985197**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 12.30  | 11.91  |
| 100.00 | 9.90   | 9.01   |
| 0.00   | 0.00   | 0.00   |

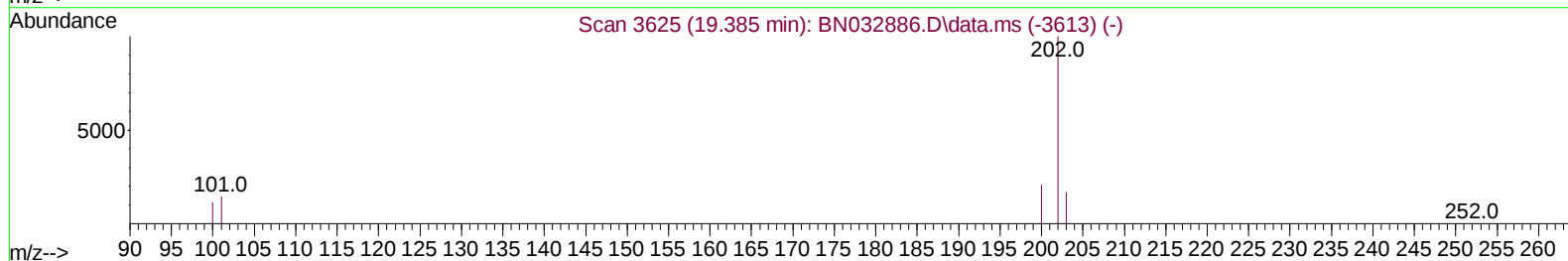
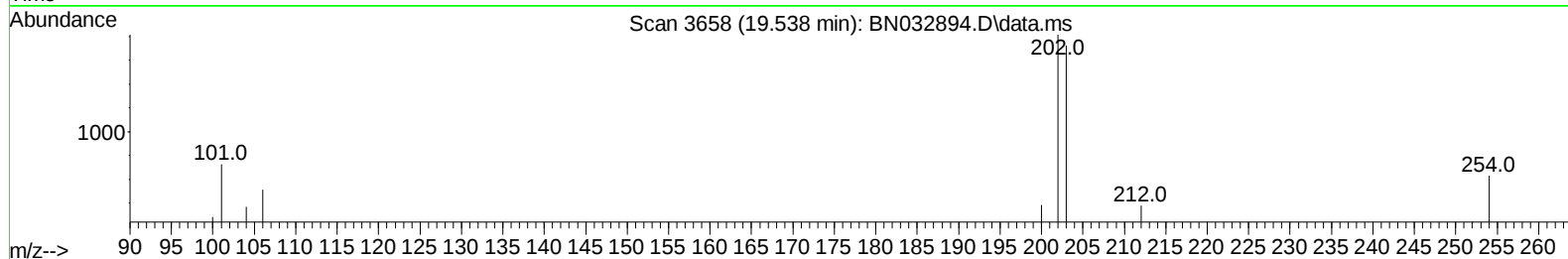
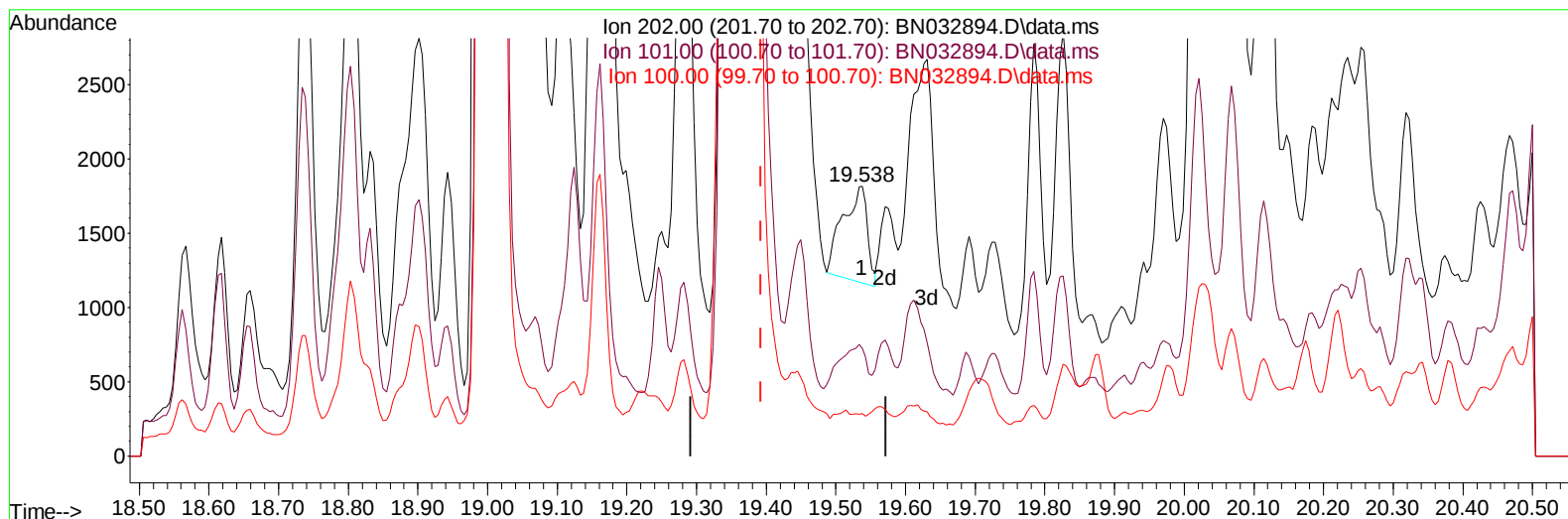
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(20) Pyrene

19.538min (+ 0.145) 0.04 ng/u1

response 1552

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.70  | 39.91# |
| 100.00 | 12.00  | 15.77# |
| 0.00   | 0.00   | 0.00   |

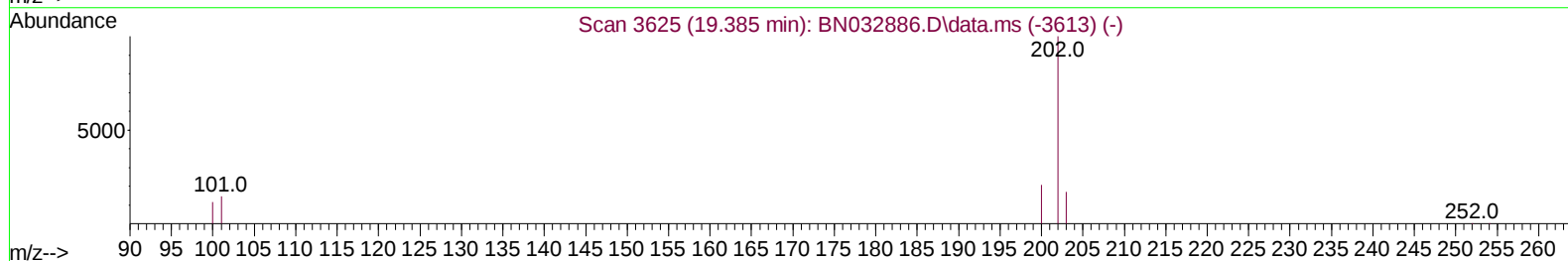
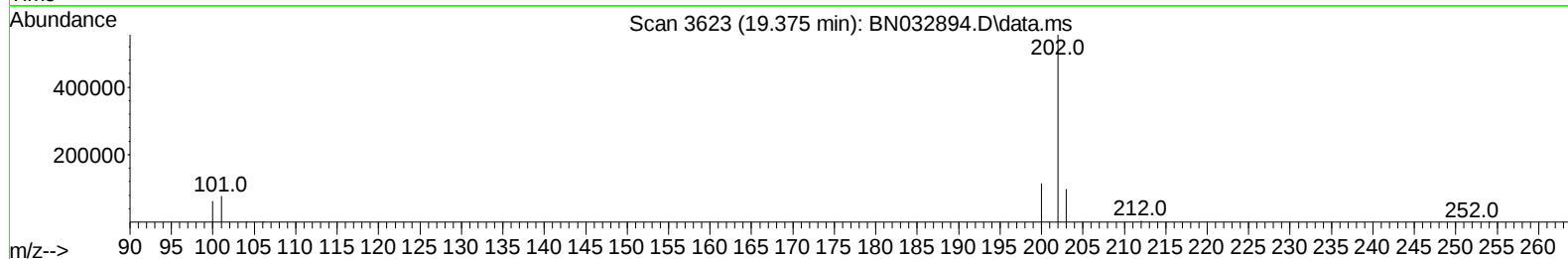
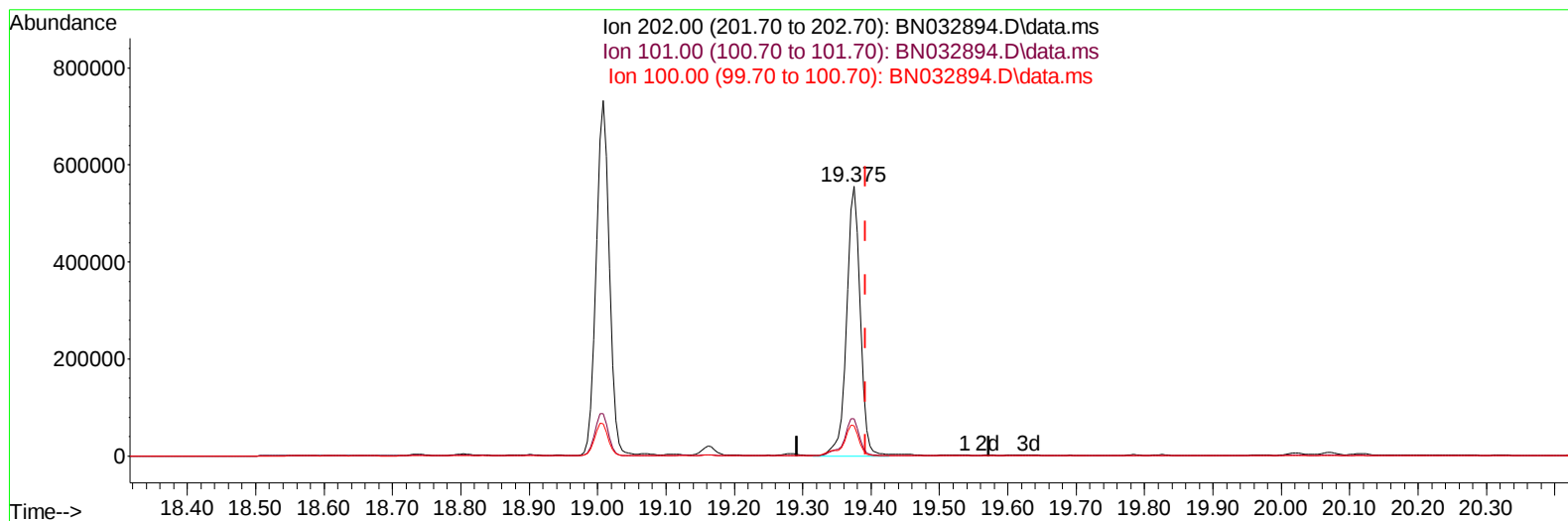
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(20) Pyrene

19.375min (-0.017) 17.73 ng/ul m

response 769483

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.70  | 13.89  |
| 100.00 | 12.00  | 11.14  |
| 0.00   | 0.00   | 0.00   |

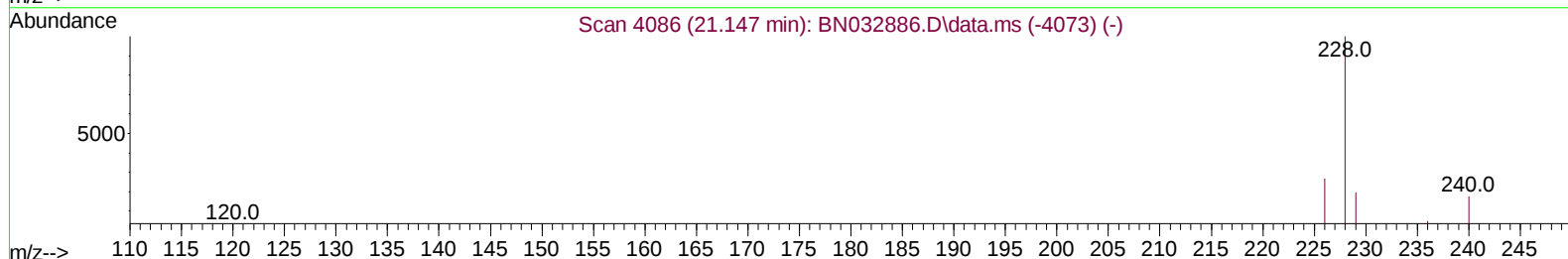
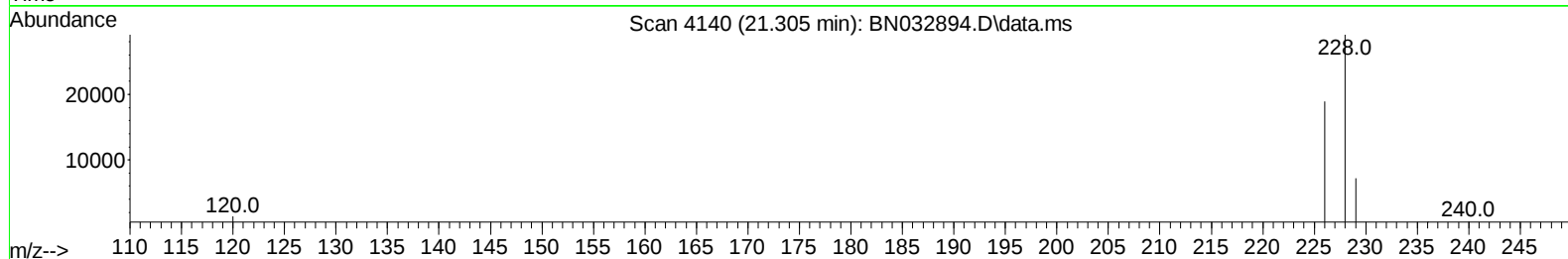
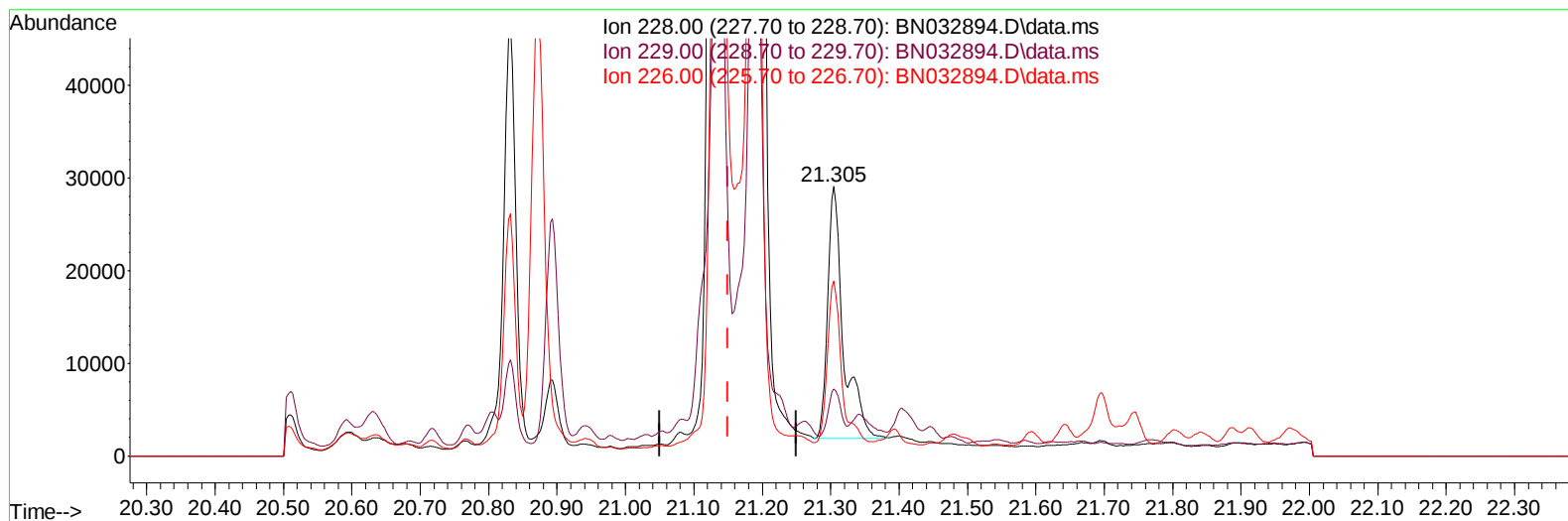
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(21) Benzo(a)anthracene

21.305min (+ 0.154) 1.33 ng/u1

response 43641

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.10  | 24.91# |
| 226.00 | 27.40  | 65.01# |
| 0.00   | 0.00   | 0.00   |

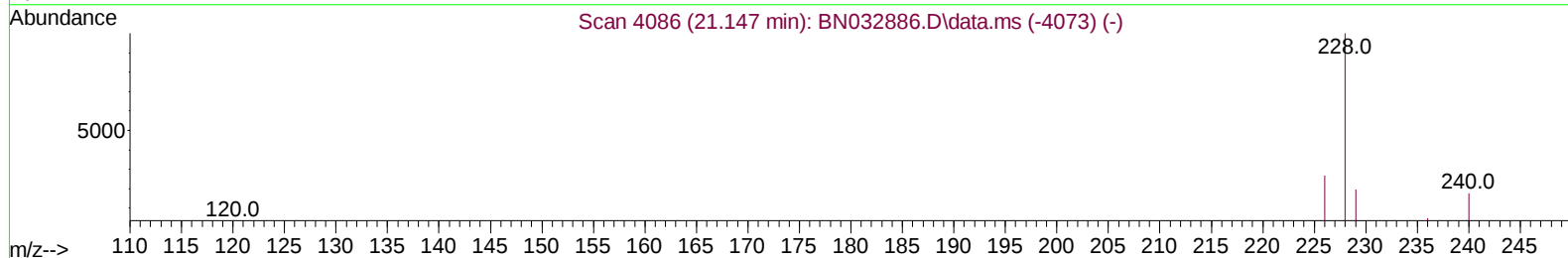
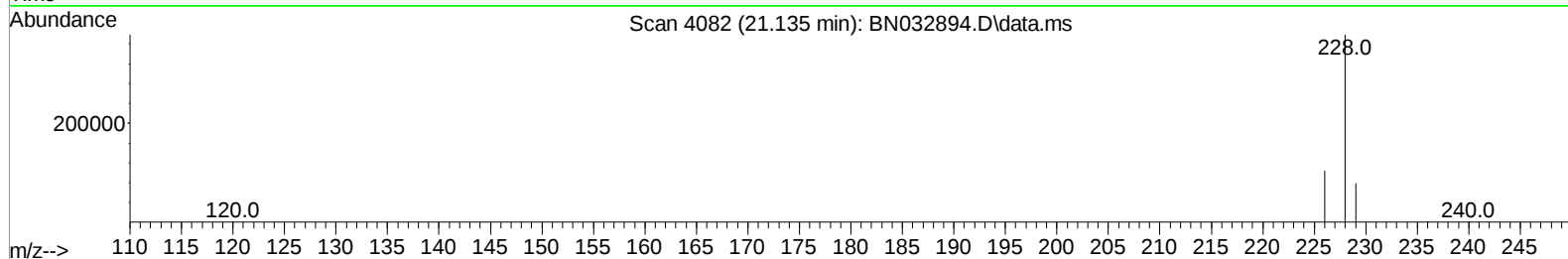
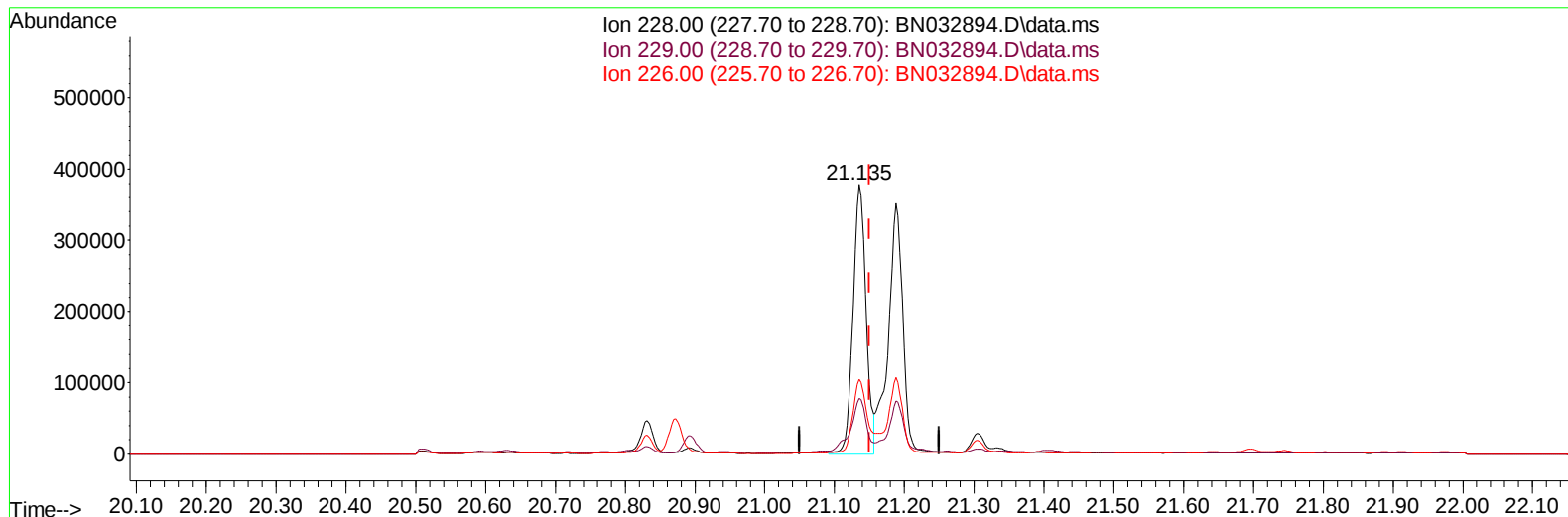
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(21) Benzo(a)anthracene

21.135min (-0.015) 14.93 ng/ul m

response 490234

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 20.10  | 20.71  |
| 226.00 | 27.40  | 27.77  |
| 0.00   | 0.00   | 0.00   |

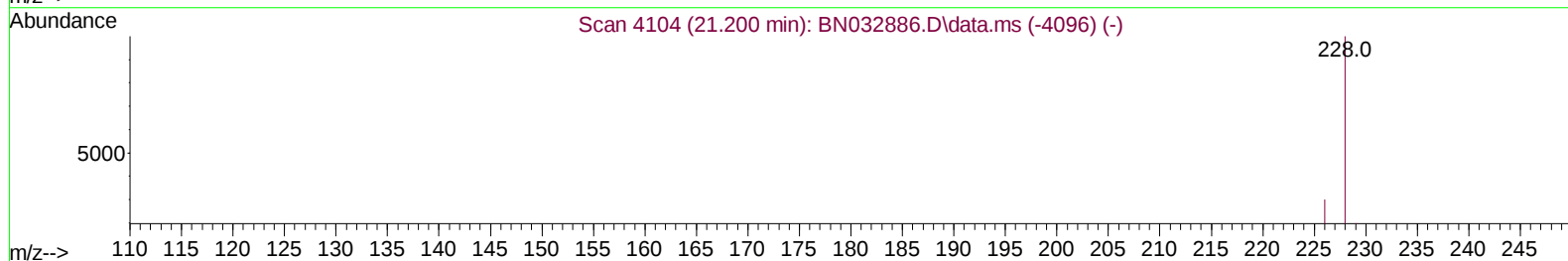
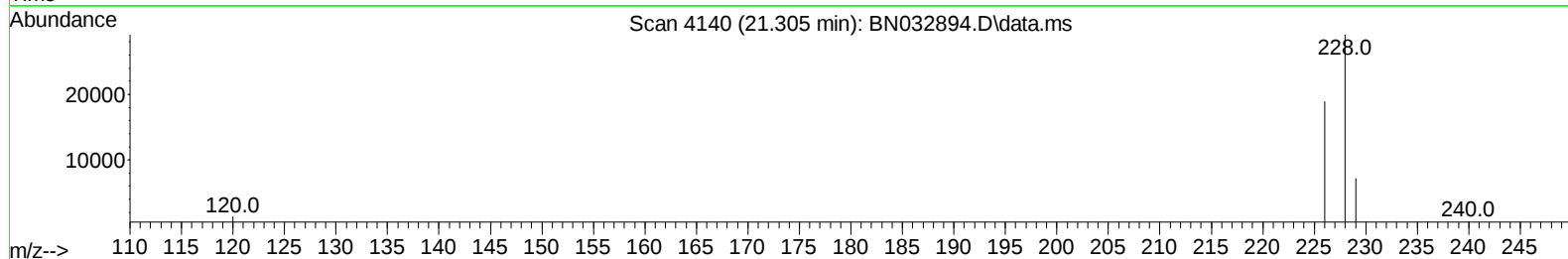
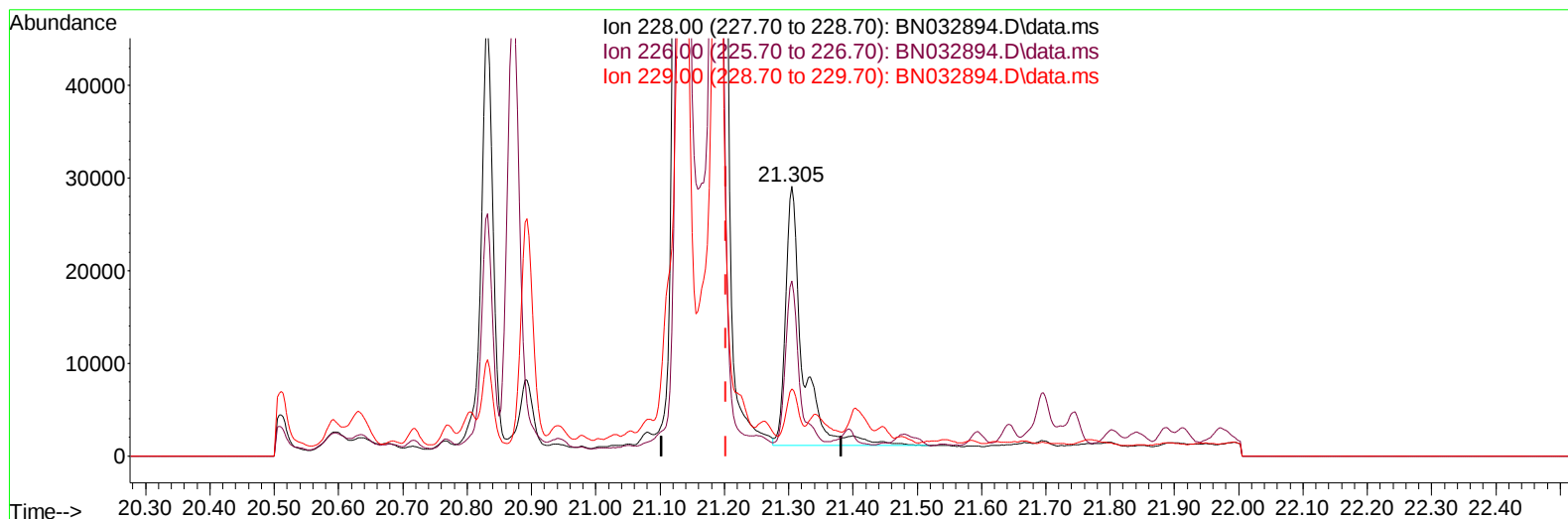
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(22) Chrysene

21.305min (+ 0.102) 1.10 ng/u1

response 52052

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.00  | 65.01# |
| 229.00 | 19.70  | 24.91# |
| 0.00   | 0.00   | 0.00   |

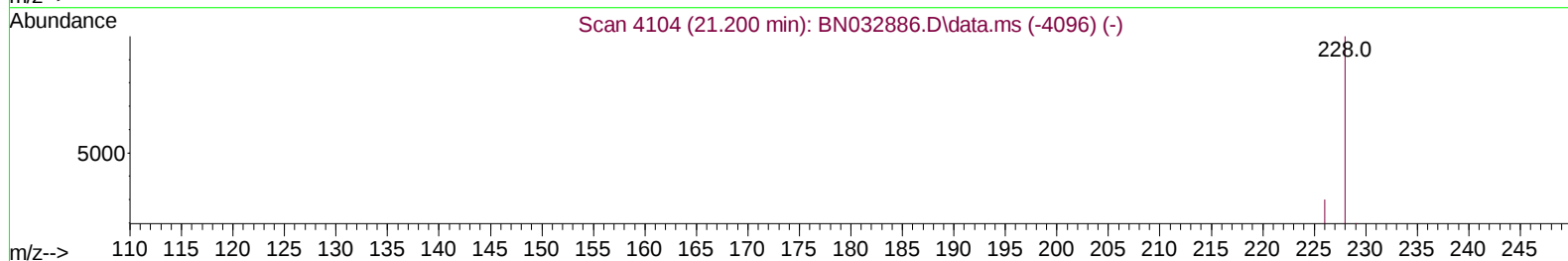
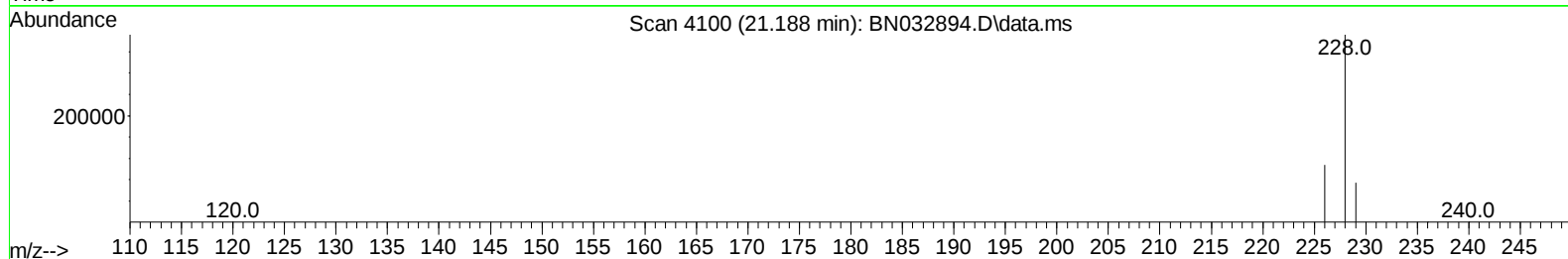
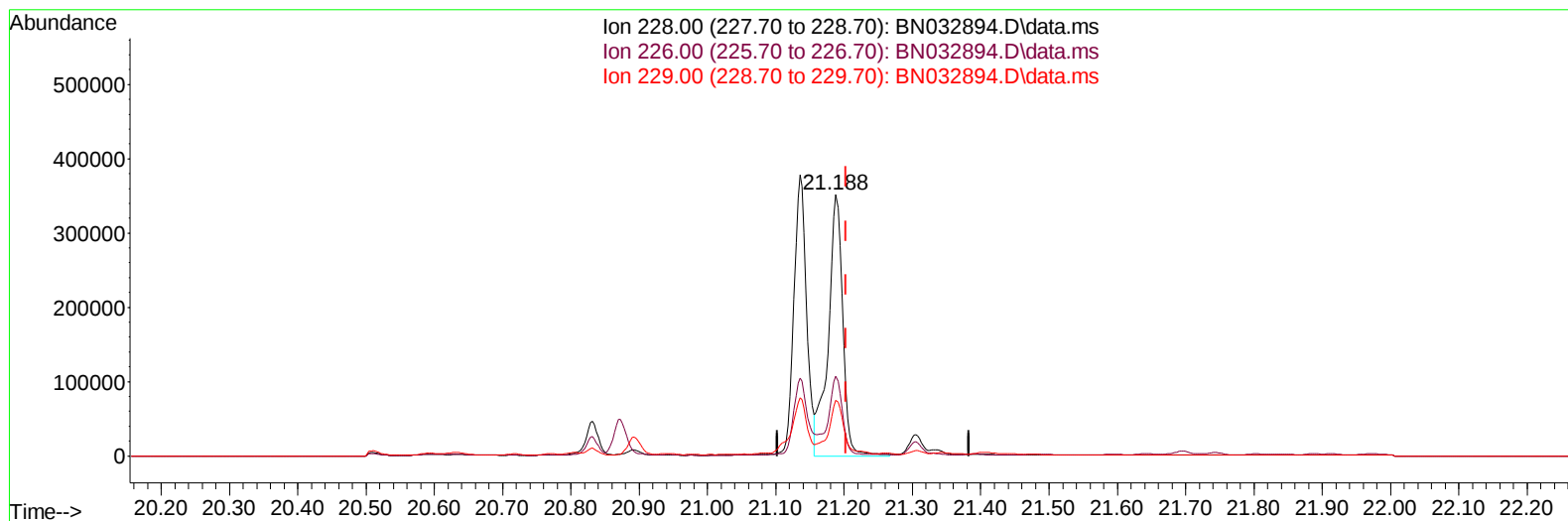
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(22) Chrysene

21.188min (-0.015) 11.03 ng/ul m

response 524002

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.00  | 30.53  |
| 229.00 | 19.70  | 21.28  |
| 0.00   | 0.00   | 0.00   |

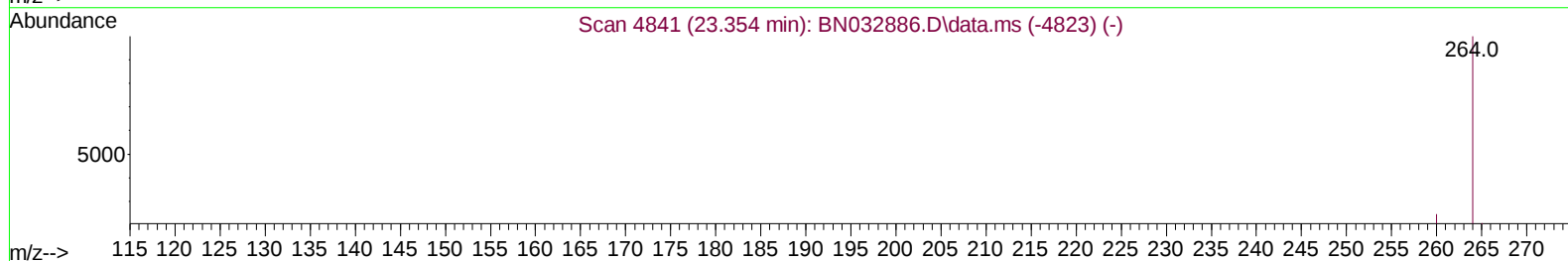
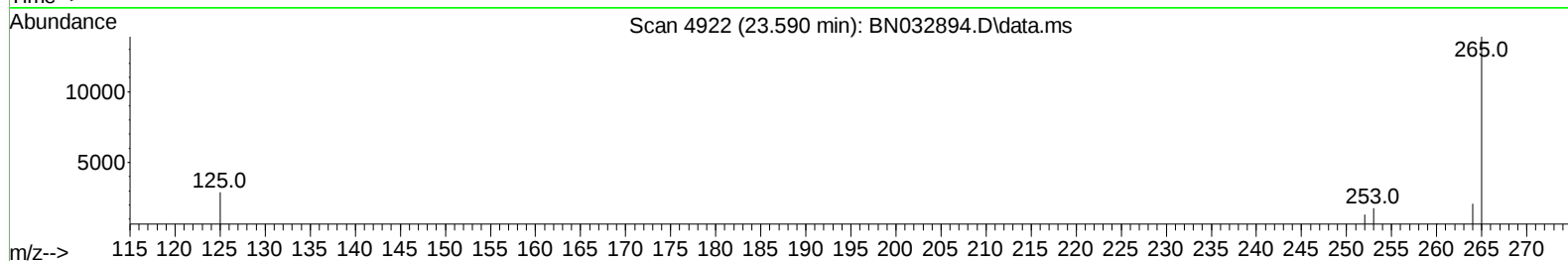
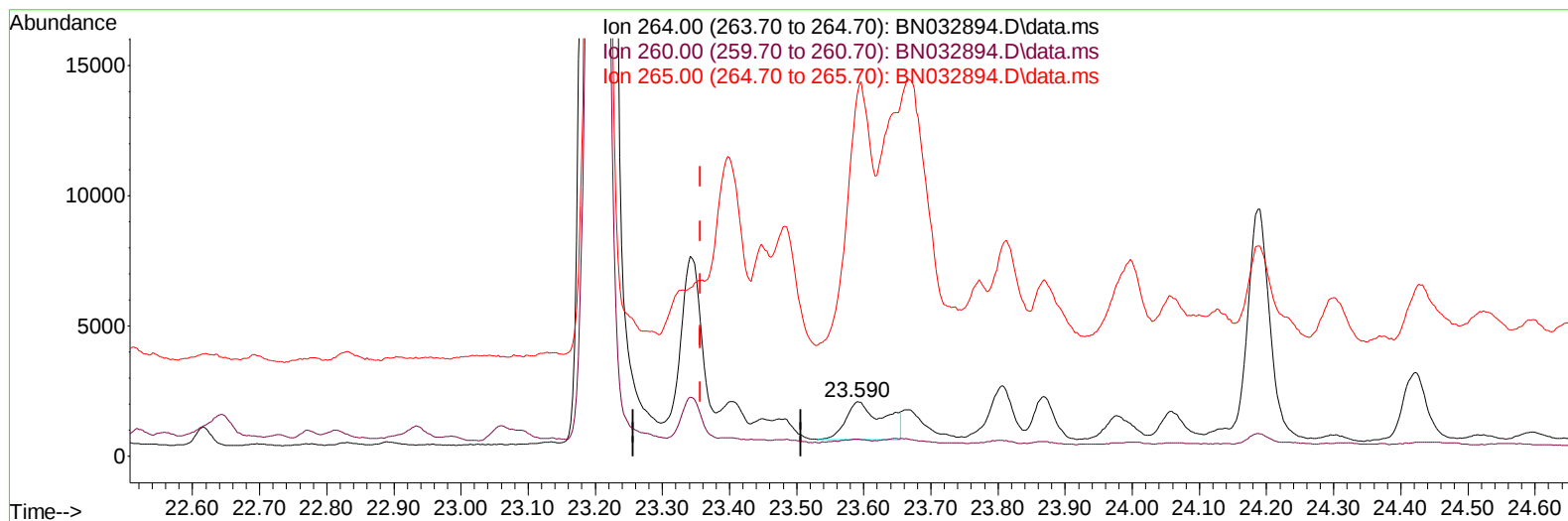
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(23) Perylene-d12 (I)

23.590min (+ 0.233) 0.40 ng/u1

response 5728

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100.00 | 100.00  |
| 260.00 | 26.10  | 30.88   |
| 265.00 | 95.50  | 667.15# |
| 0.00   | 0.00   | 0.00    |

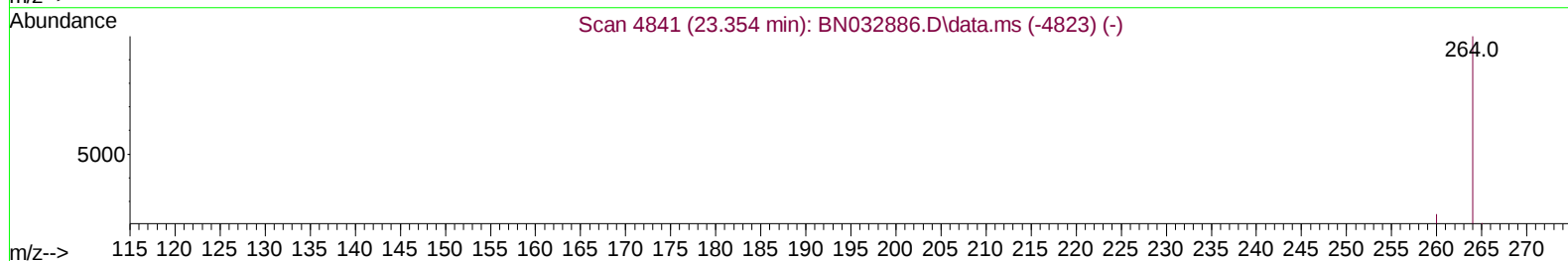
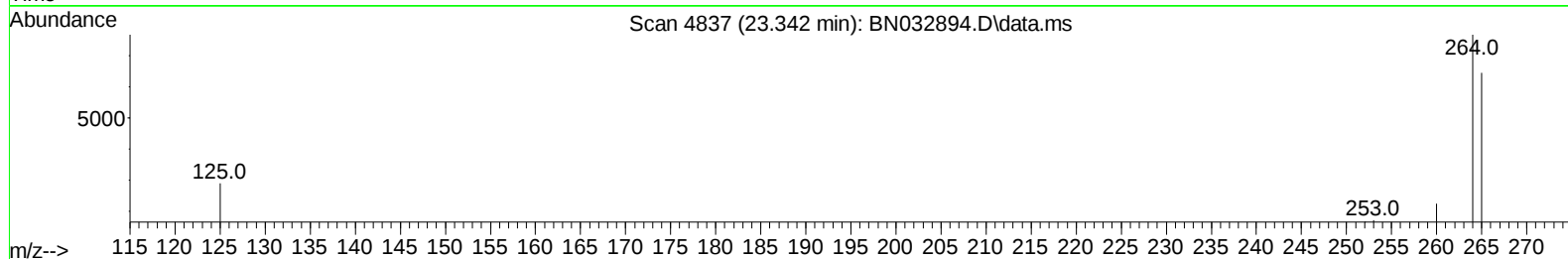
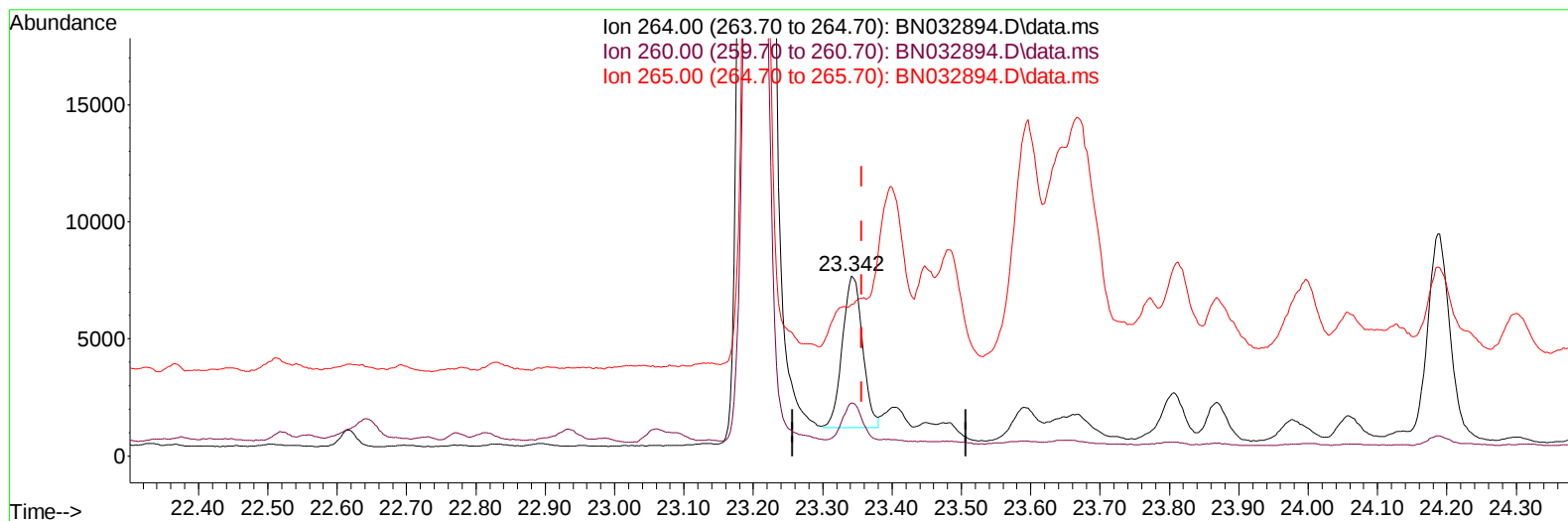
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(23) Perylene-d12 (I)

23.342min (-0.015) 0.40 ng/ul m

response 13126

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10  | 29.45  |
| 265.00 | 95.50  | 84.12  |
| 0.00   | 0.00   | 0.00   |

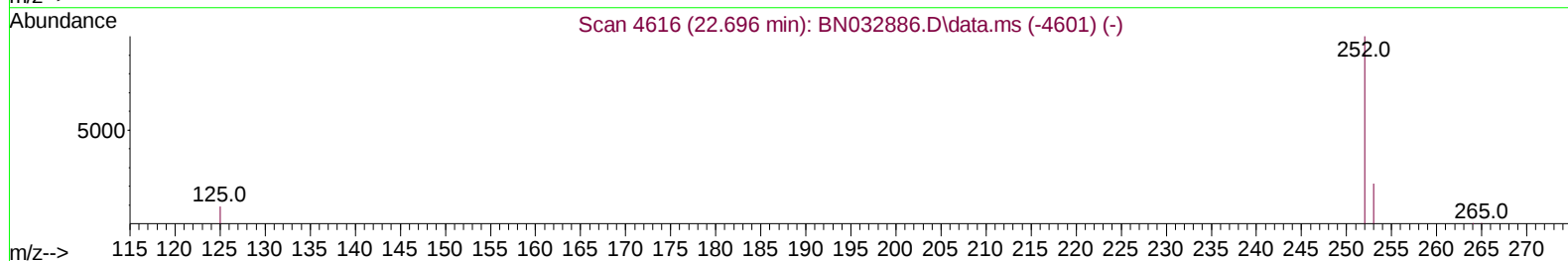
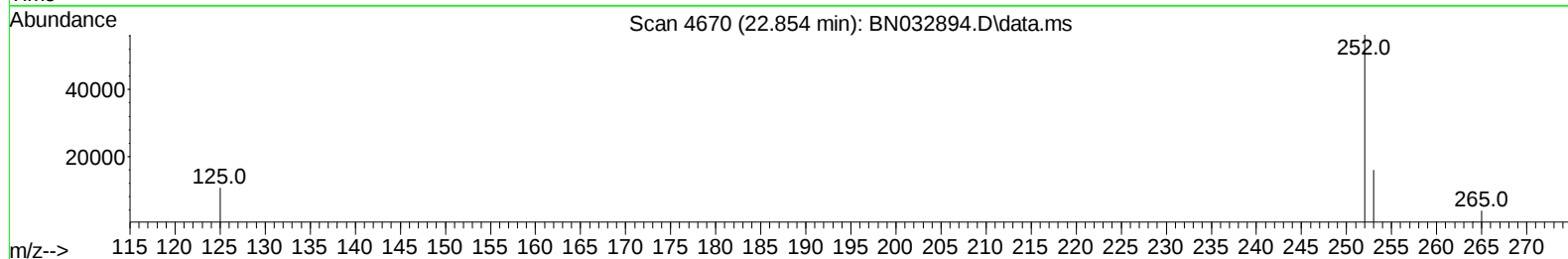
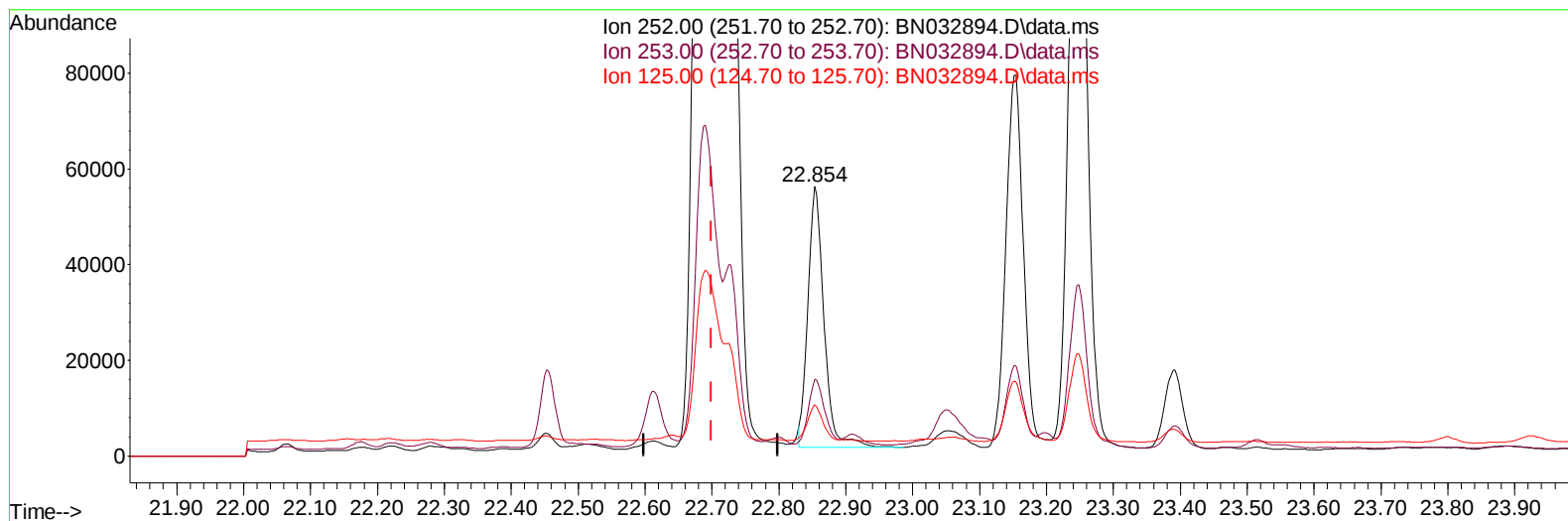
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
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QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(24) Benzo(b)fluoranthene

22.854min (+ 0.155) 1.98 ng/u1

response 91902

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 28.40  |
| 125.00 | 18.00  | 18.89  |
| 0.00   | 0.00   | 0.00   |

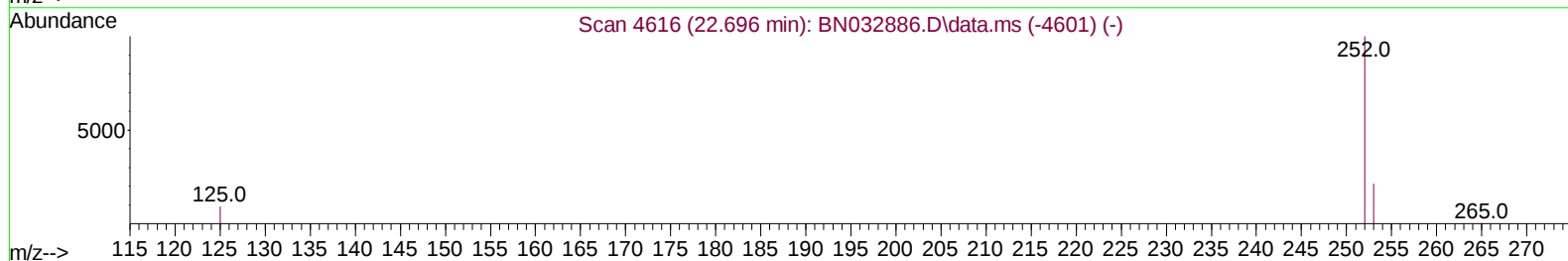
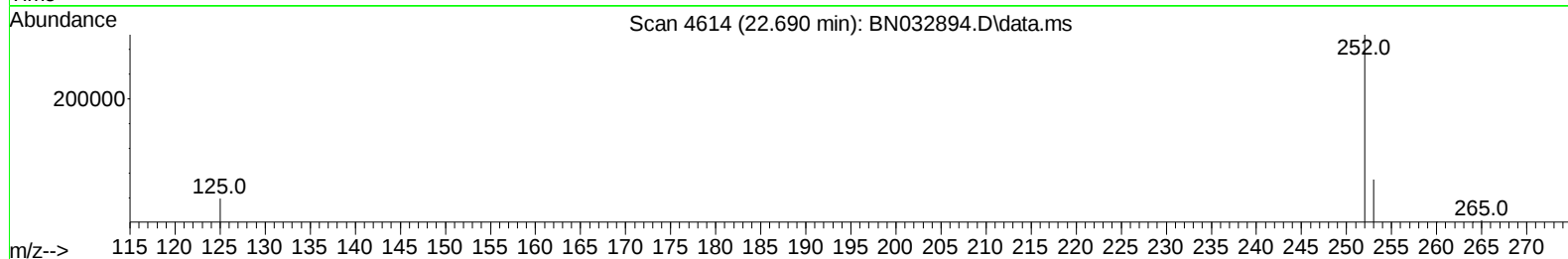
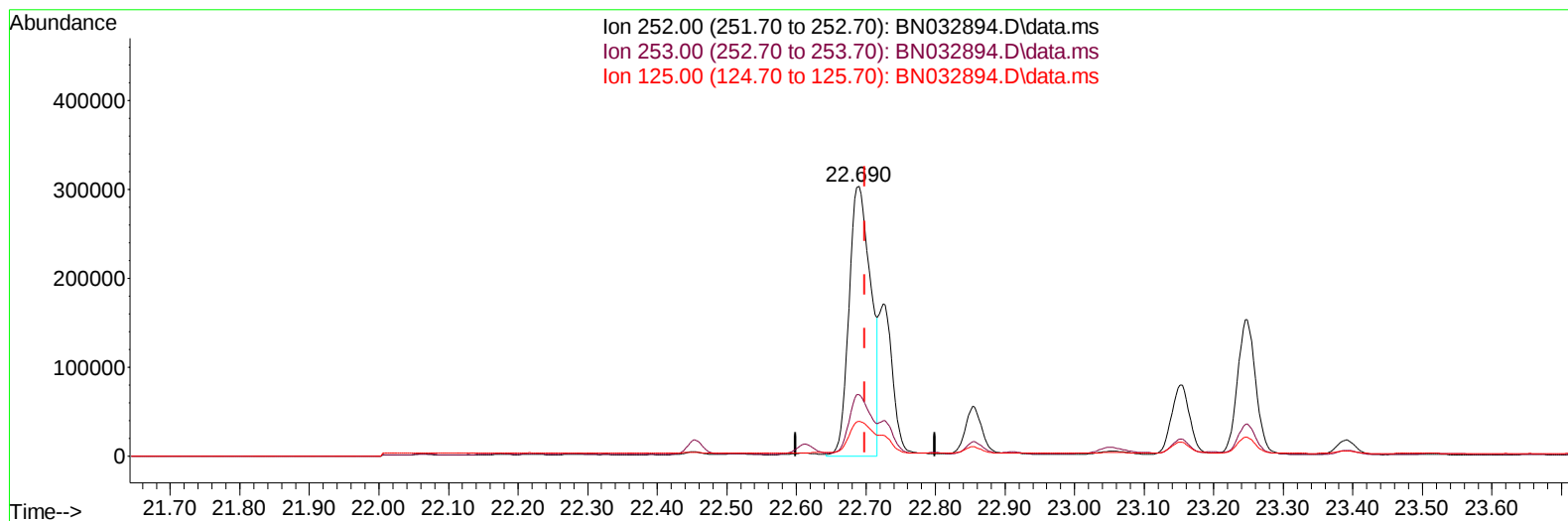
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(24) Benzo(b)fluoranthene

22.690min (-0.009) 14.35 ng/ul m

response 664810

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 22.81  |
| 125.00 | 18.00  | 12.81  |
| 0.00   | 0.00   | 0.00   |

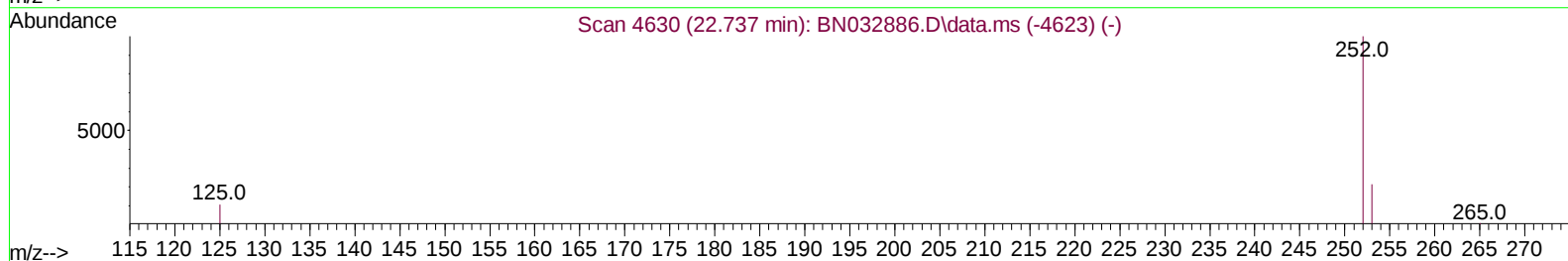
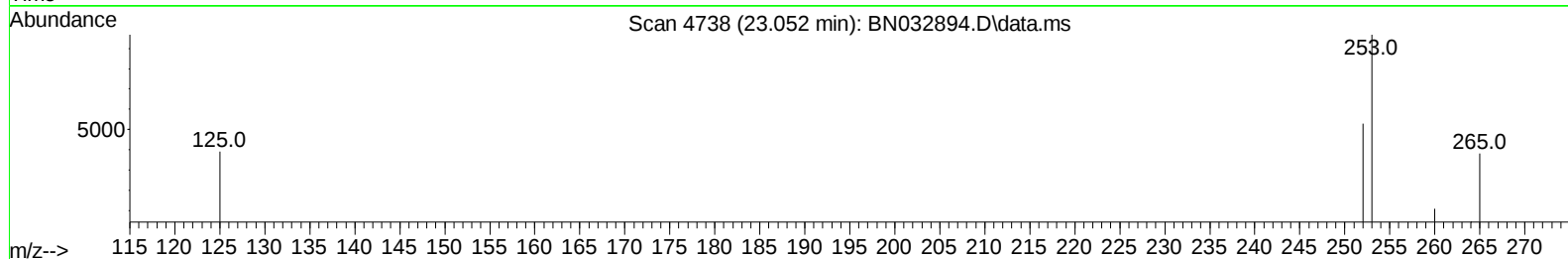
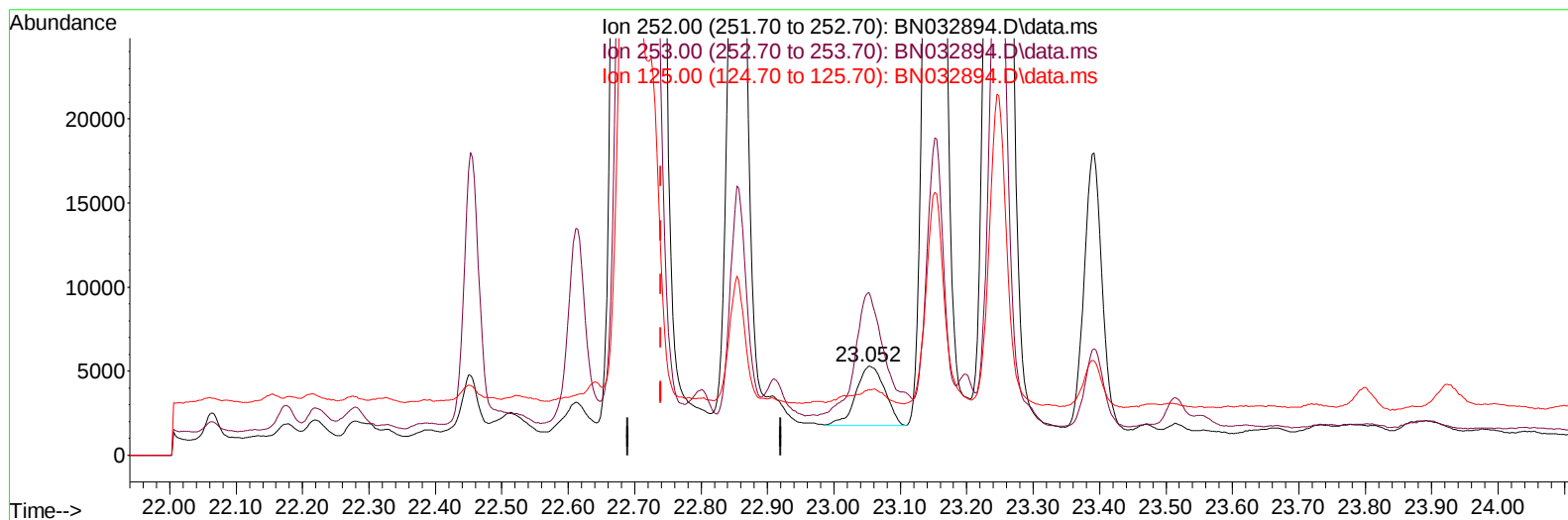
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(25) Benzo(k)fluoranthene

23.052min (+ 0.312) 0.19 ng/u1

response 10747

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 26.50  | 182.84# |
| 125.00 | 18.50  | 73.90#  |
| 0.00   | 0.00   | 0.00    |

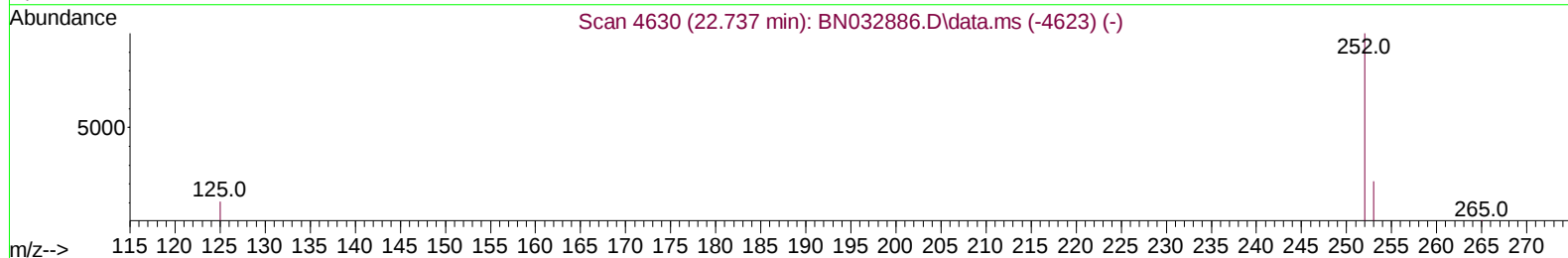
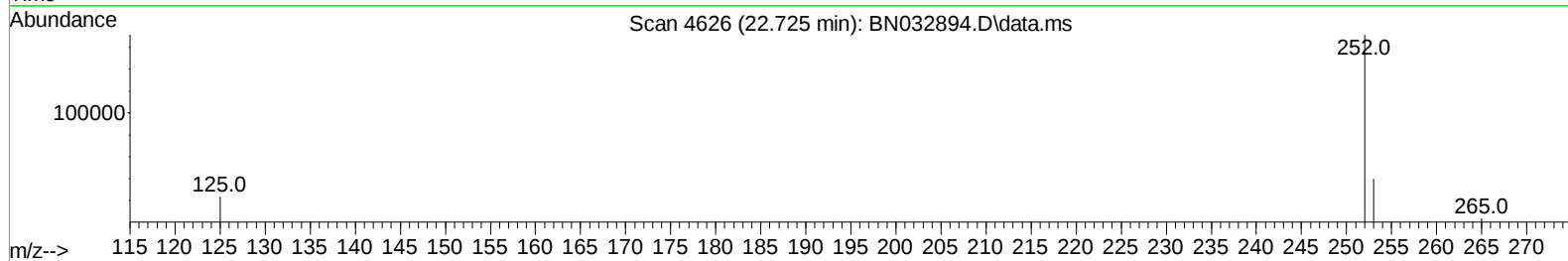
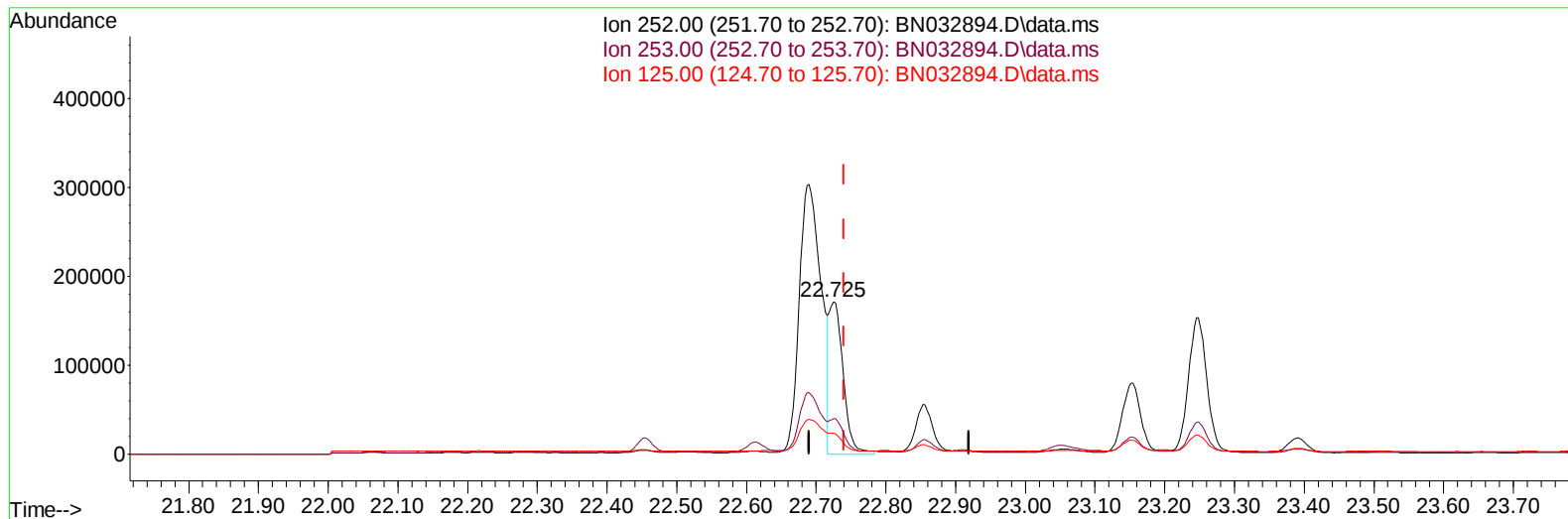
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(25) Benzo(k)fluoranthene

22.725min (-0.015) 4.21 ng/u1 m

response 237338

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 23.38  |
| 125.00 | 18.50  | 13.78# |
| 0.00   | 0.00   | 0.00   |

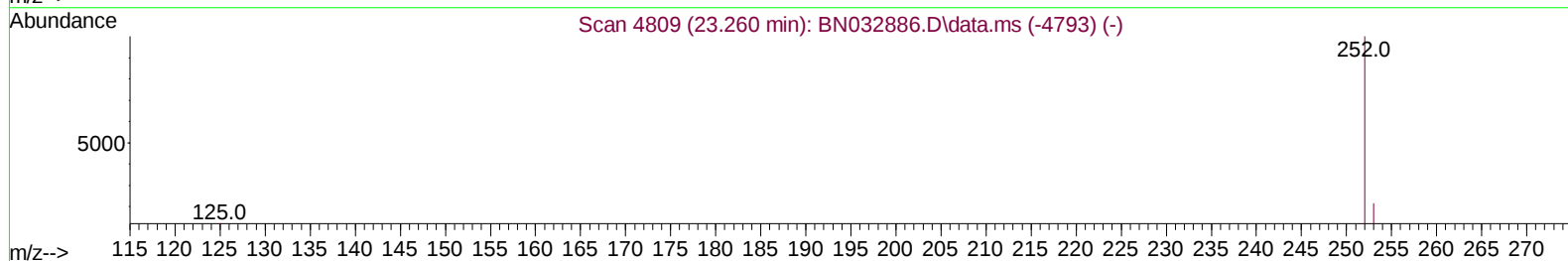
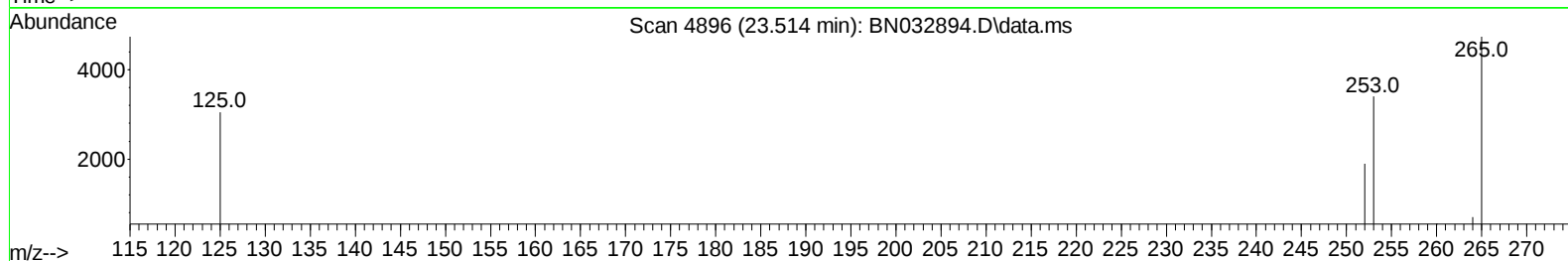
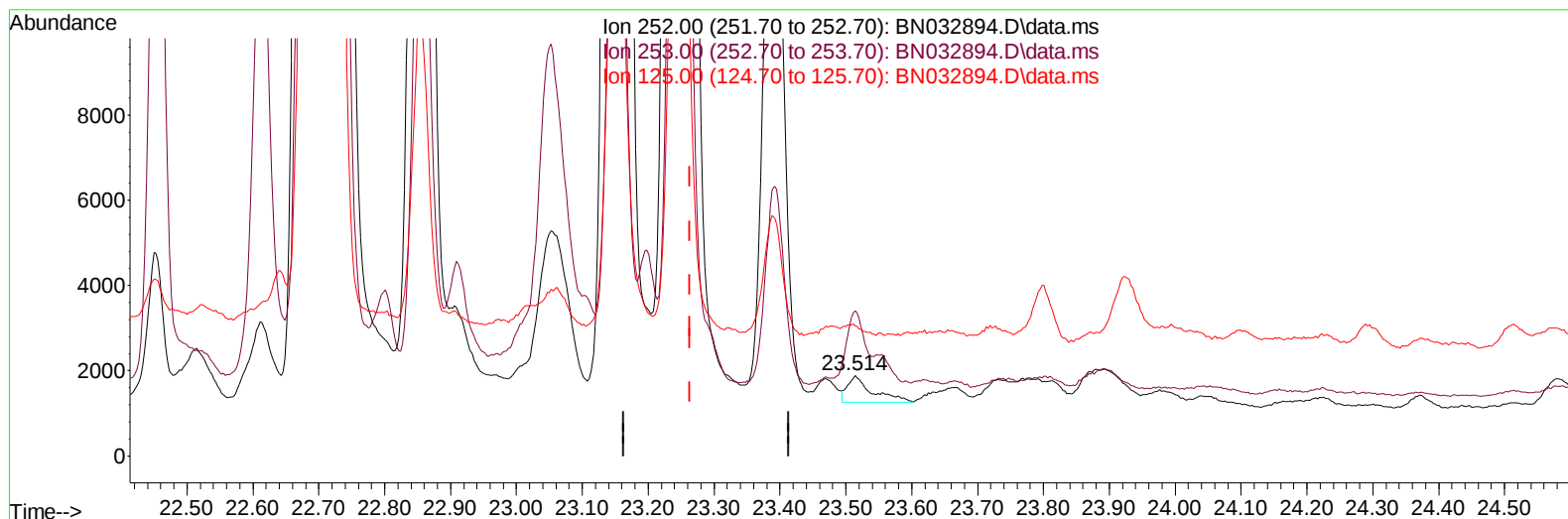
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(26) Benzo(a)pyrene (C)

23.514min (+ 0.251) 0.04 ng/u1

response 1581

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 31.70  | 179.85# |
| 125.00 | 25.70  | 161.40# |
| 0.00   | 0.00   | 0.00    |

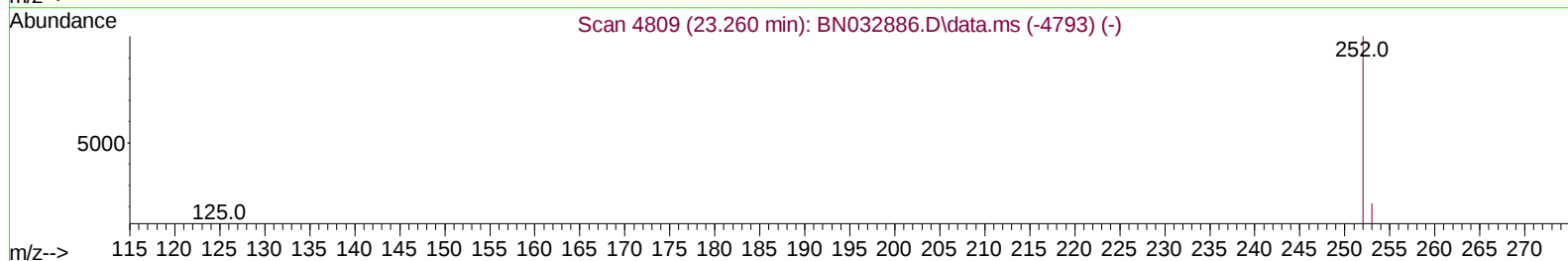
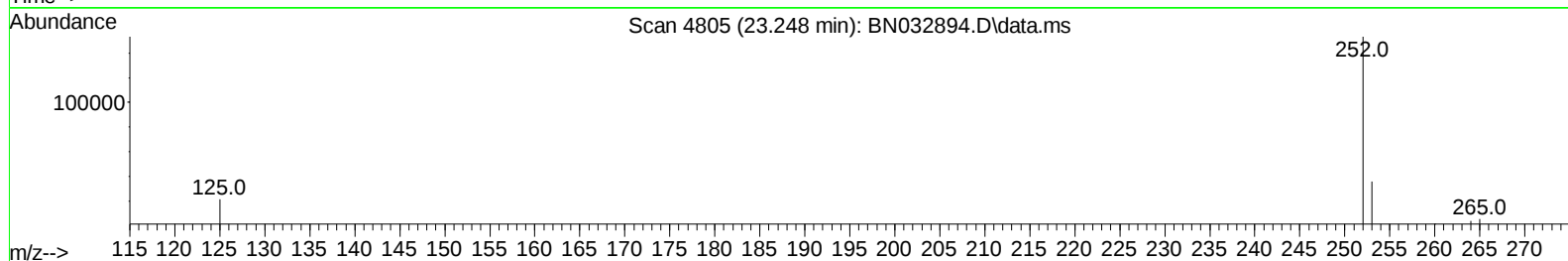
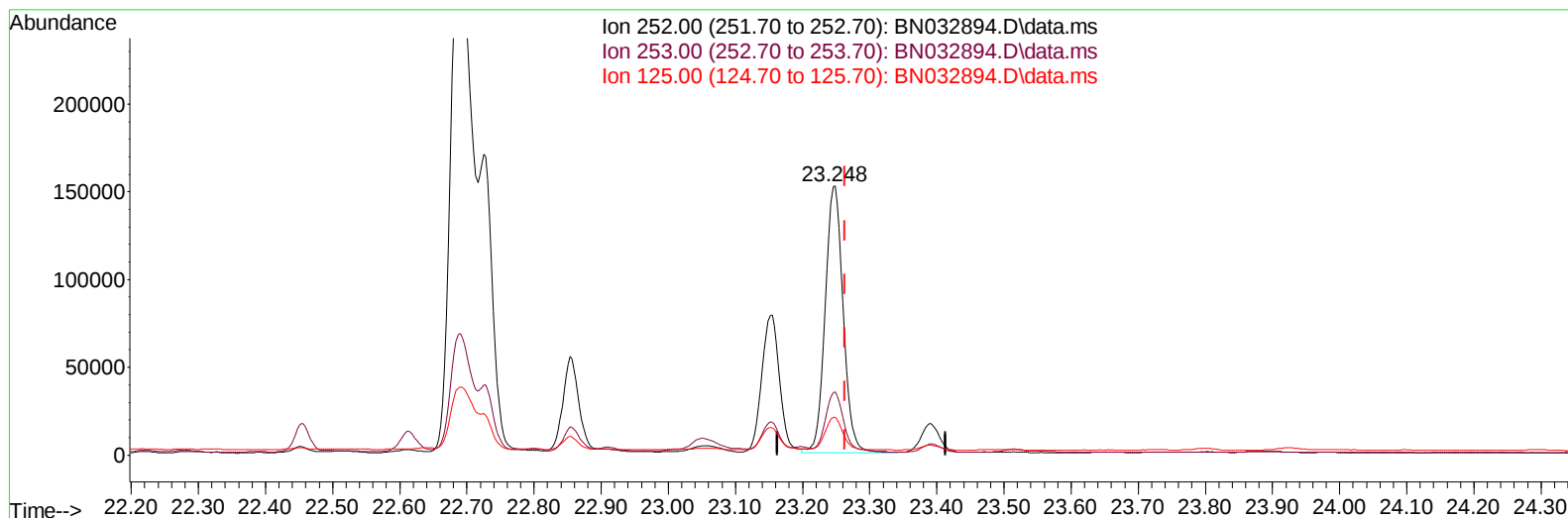
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(26) Benzo(a)pyrene (C)

23.248min (-0.015) 7.10 ng/u1 m

response 284432

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.70  | 23.40# |
| 125.00 | 25.70  | 13.96# |
| 0.00   | 0.00   | 0.00   |

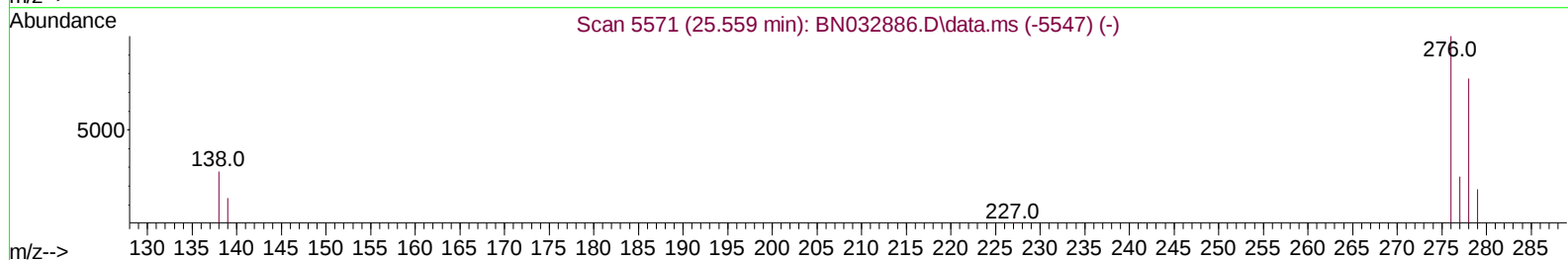
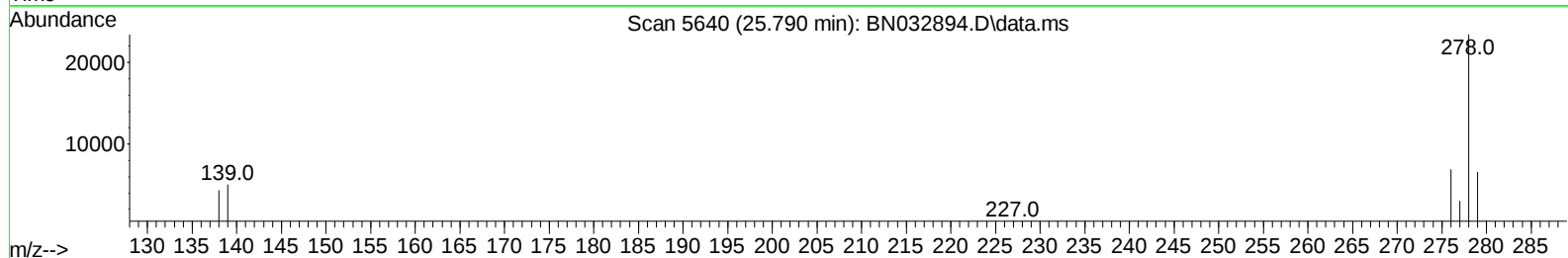
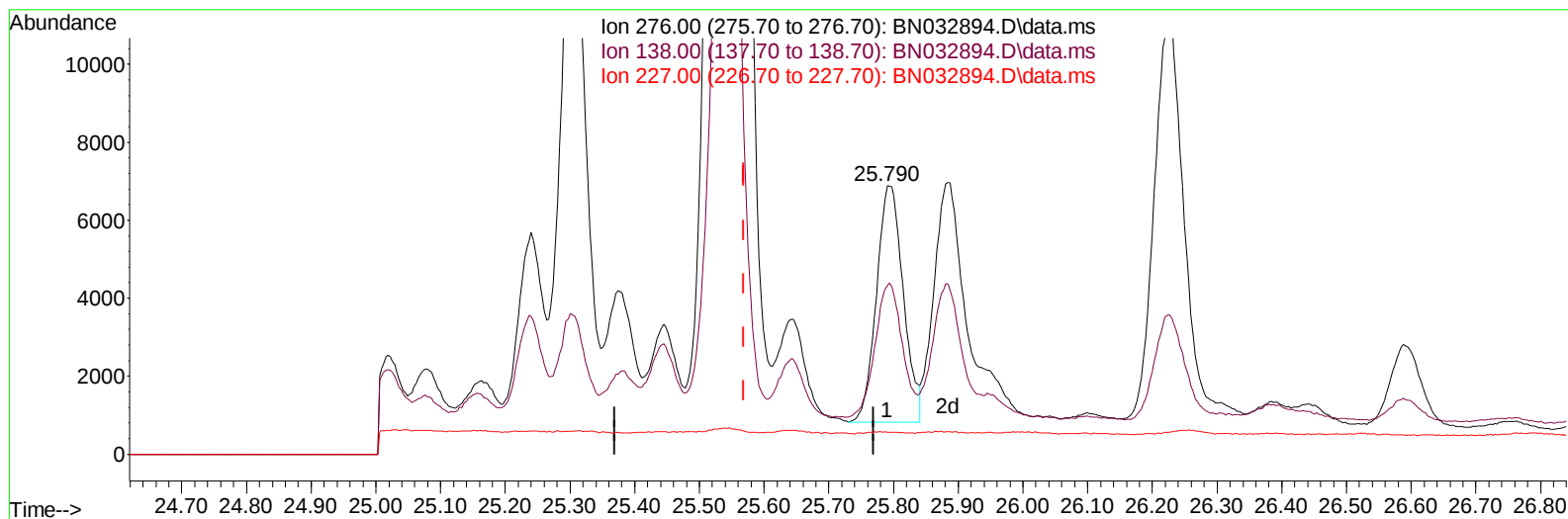
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

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

25.790min (+ 0.221) 0.32 ng/u1

response 17512

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 27.00  | 57.47# |
| 227.00 | 0.00   | 0.81#  |
| 0.00   | 0.00   | 0.00   |

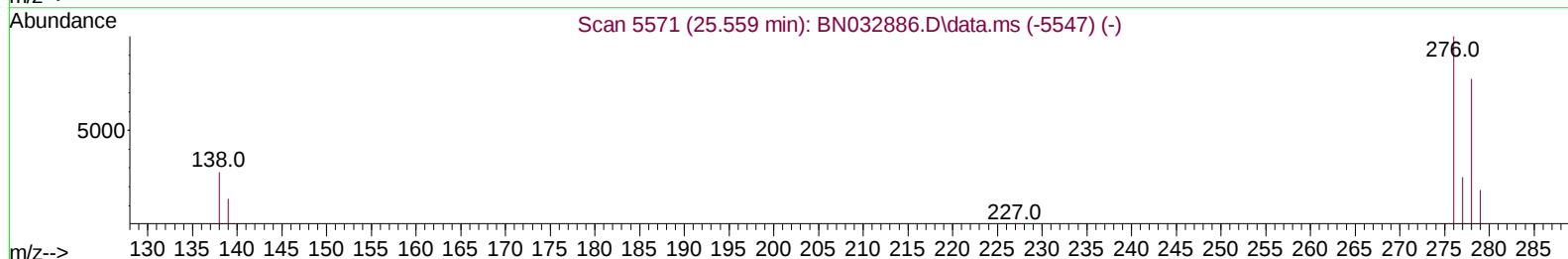
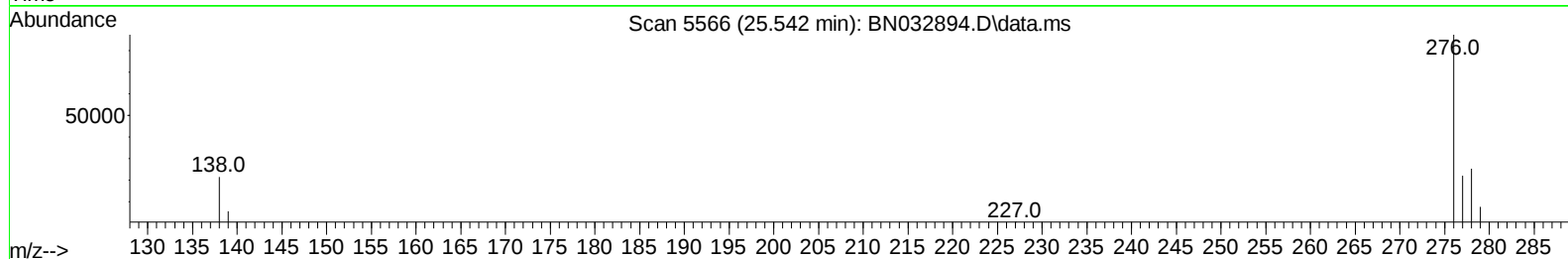
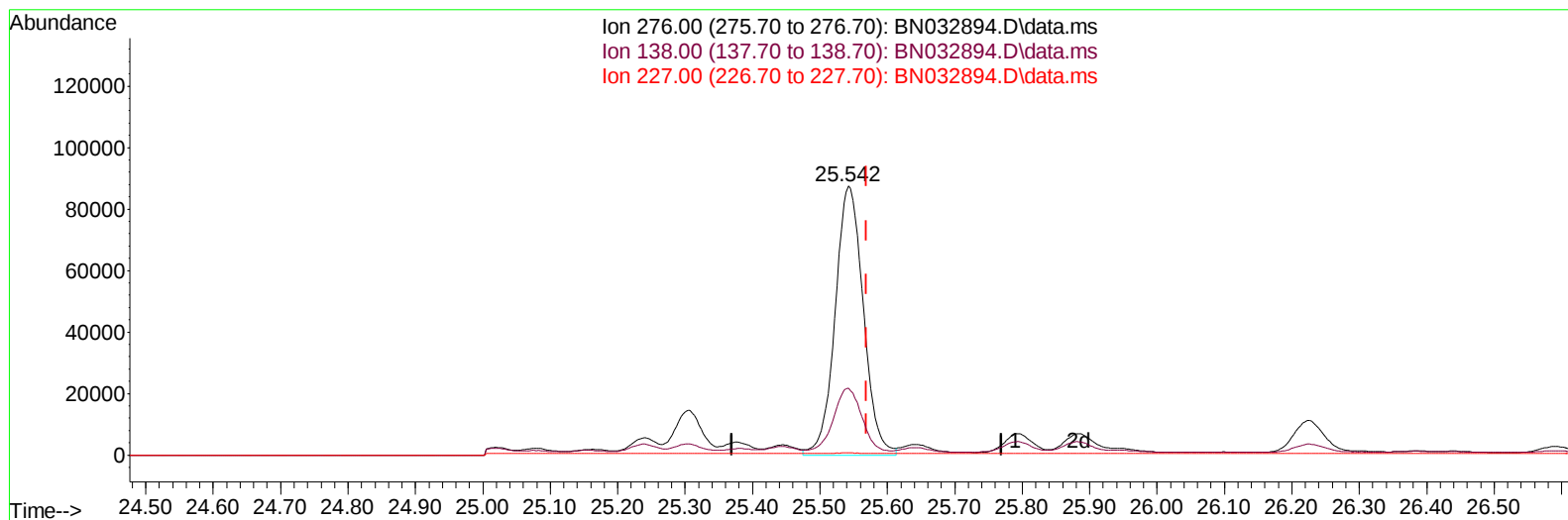
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

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

25.542min (-0.027) 4.68 ng/u1 m

response 254078

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 27.00  | 3.96#  |
| 227.00 | 0.00   | 0.06#  |
| 0.00   | 0.00   | 0.00   |

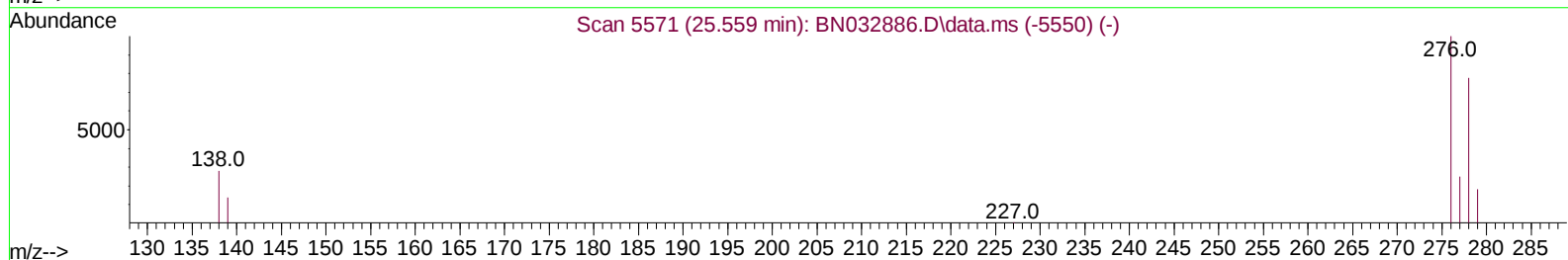
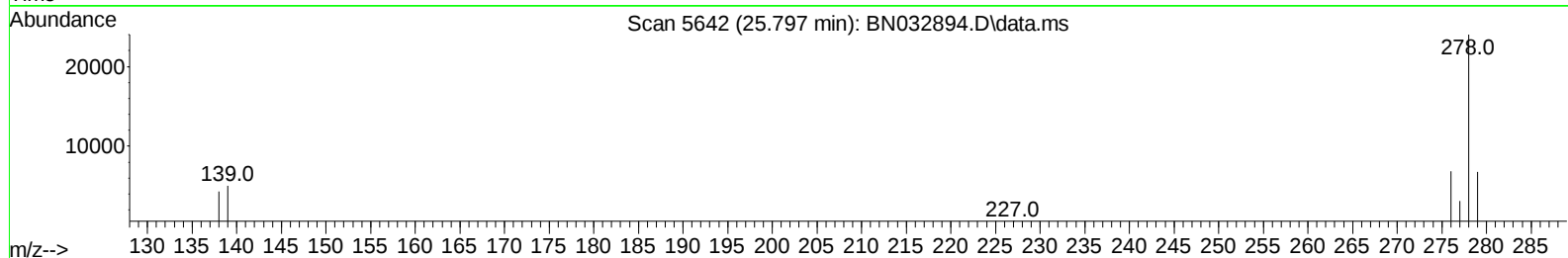
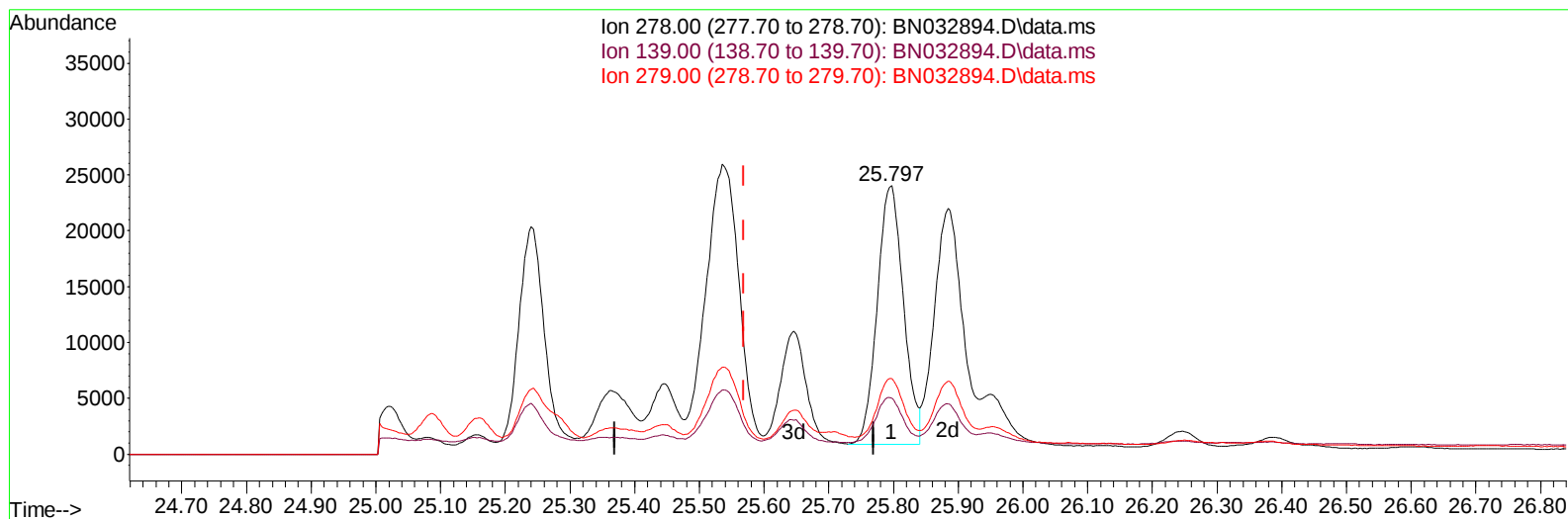
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(28) Dibenzo(a,h)anthracene

25.797min (+ 0.228) 1.55 ng/u1

response 65394

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 20.70  | 20.87  |
| 279.00 | 29.60  | 28.23  |
| 0.00   | 0.00   | 0.00   |

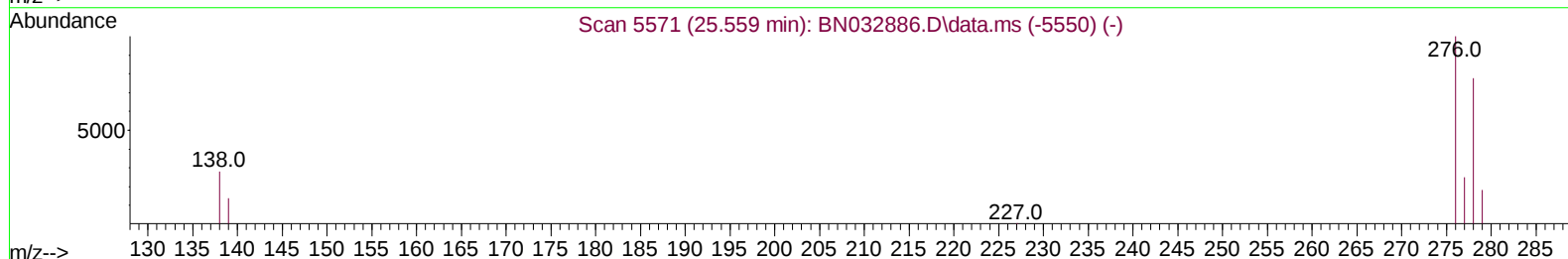
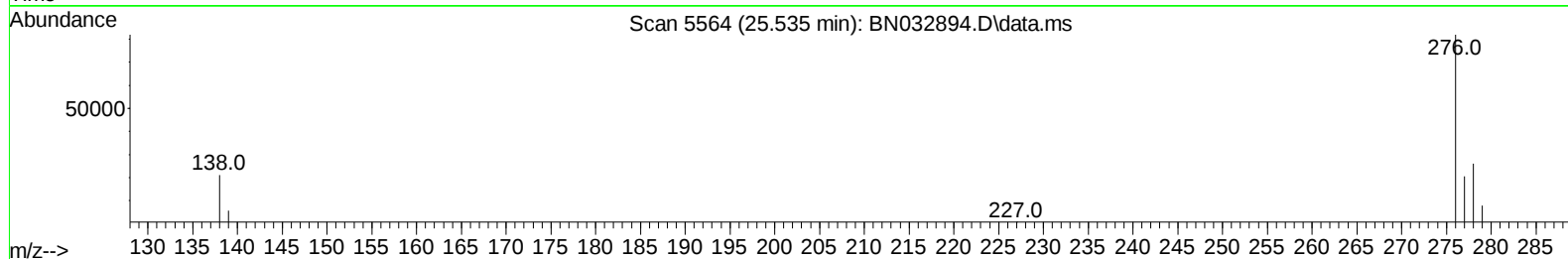
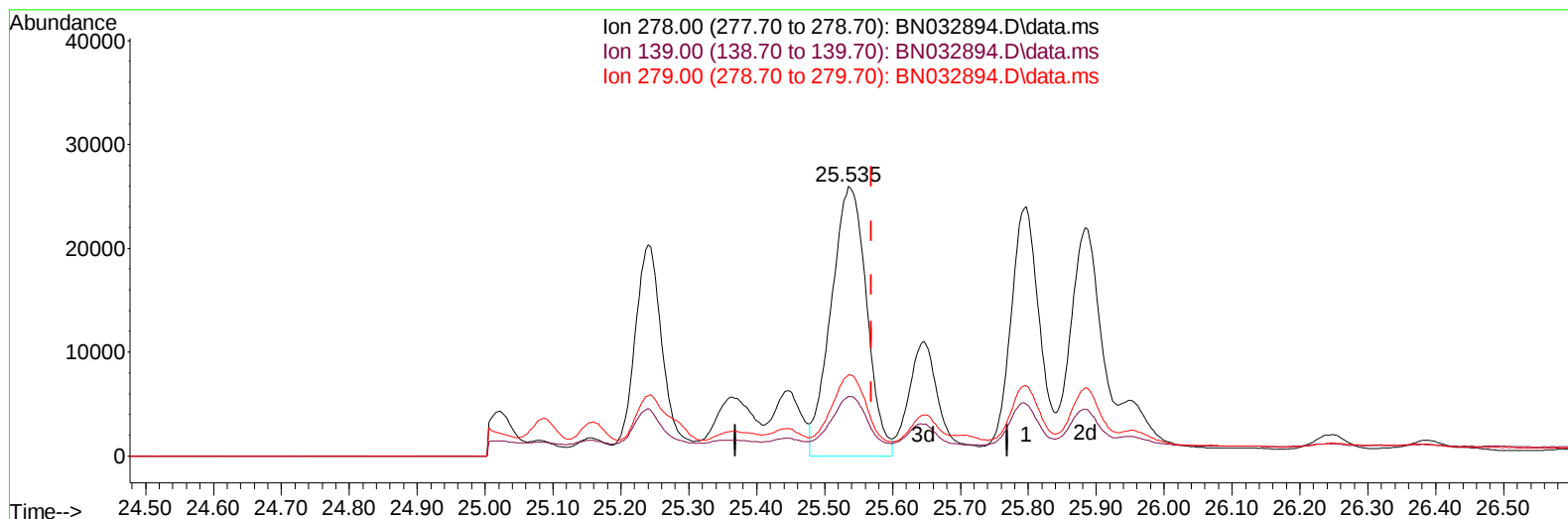
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

(28) Dibenzo(a,h)anthracene

25.535min (-0.034) 2.25 ng/u1 m

response 94524

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 20.70  | 22.18  |
| 279.00 | 29.60  | 30.08  |
| 0.00   | 0.00   | 0.00   |

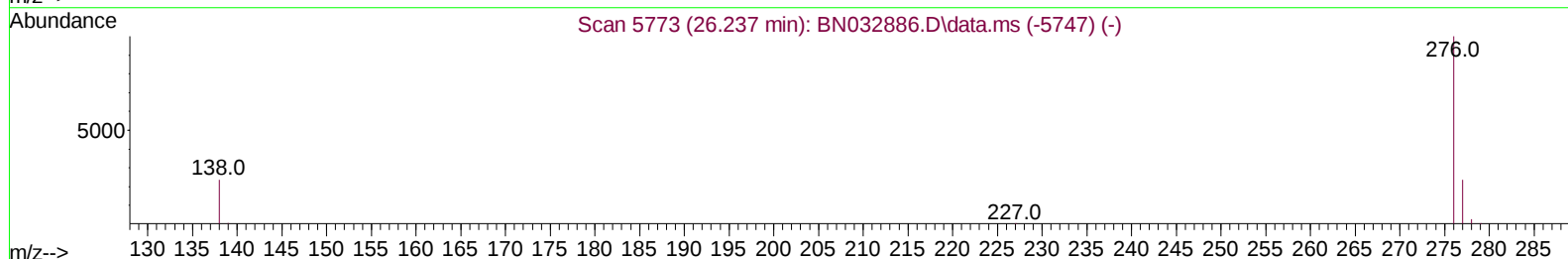
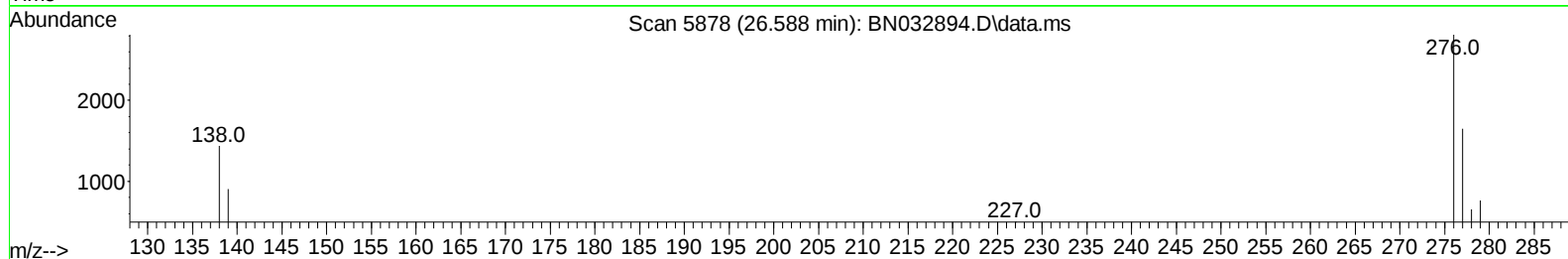
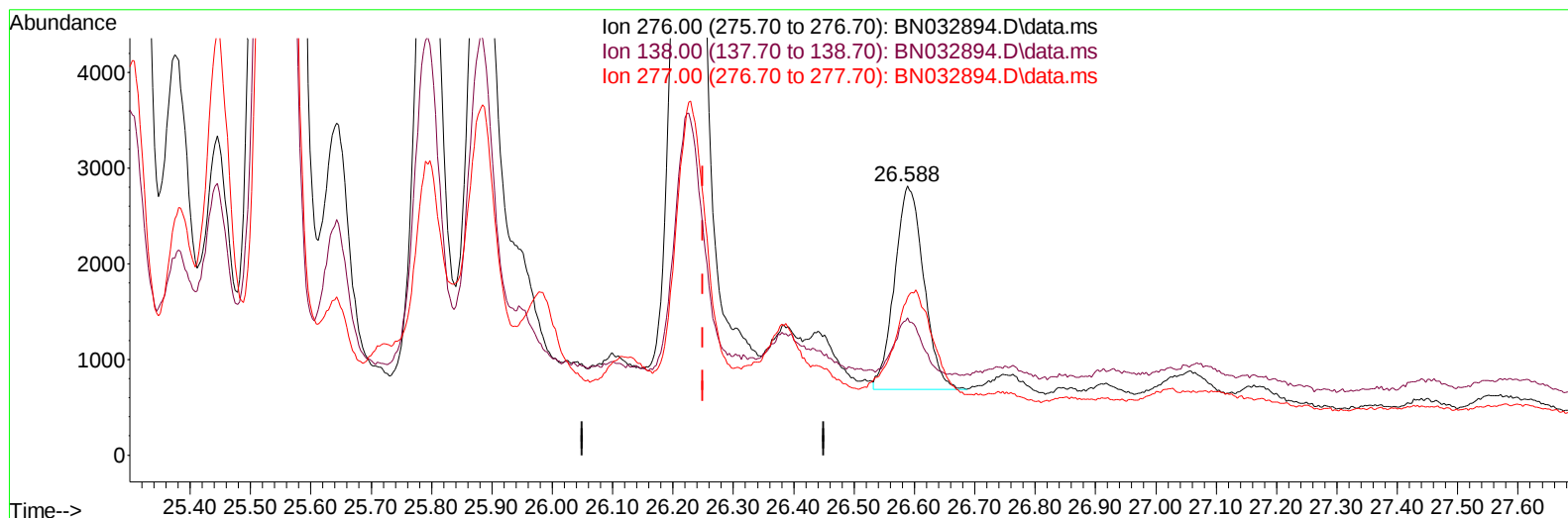
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

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

26.588min (+ 0.338) 0.16 ng/u1

response 7132

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.20  | 51.10# |
| 277.00 | 25.80  | 58.64# |
| 0.00   | 0.00   | 0.00   |

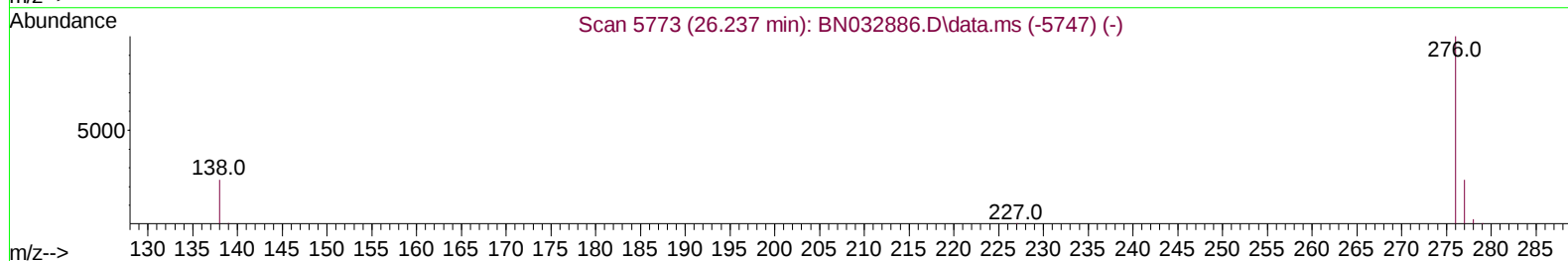
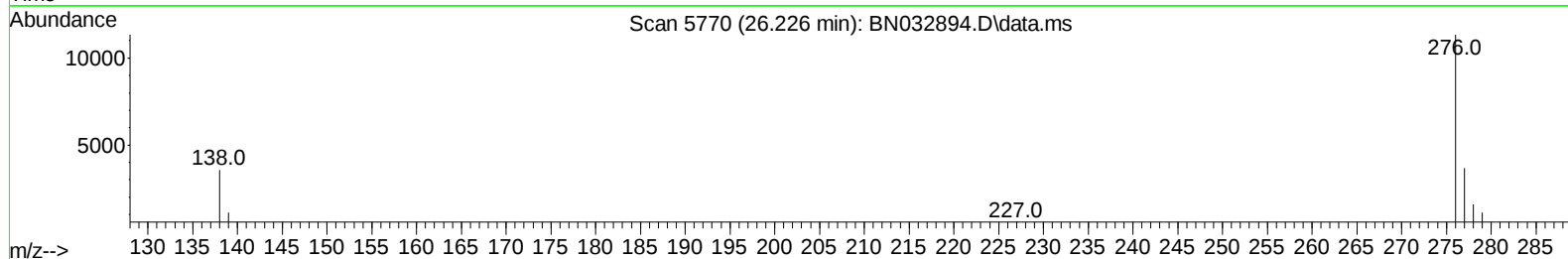
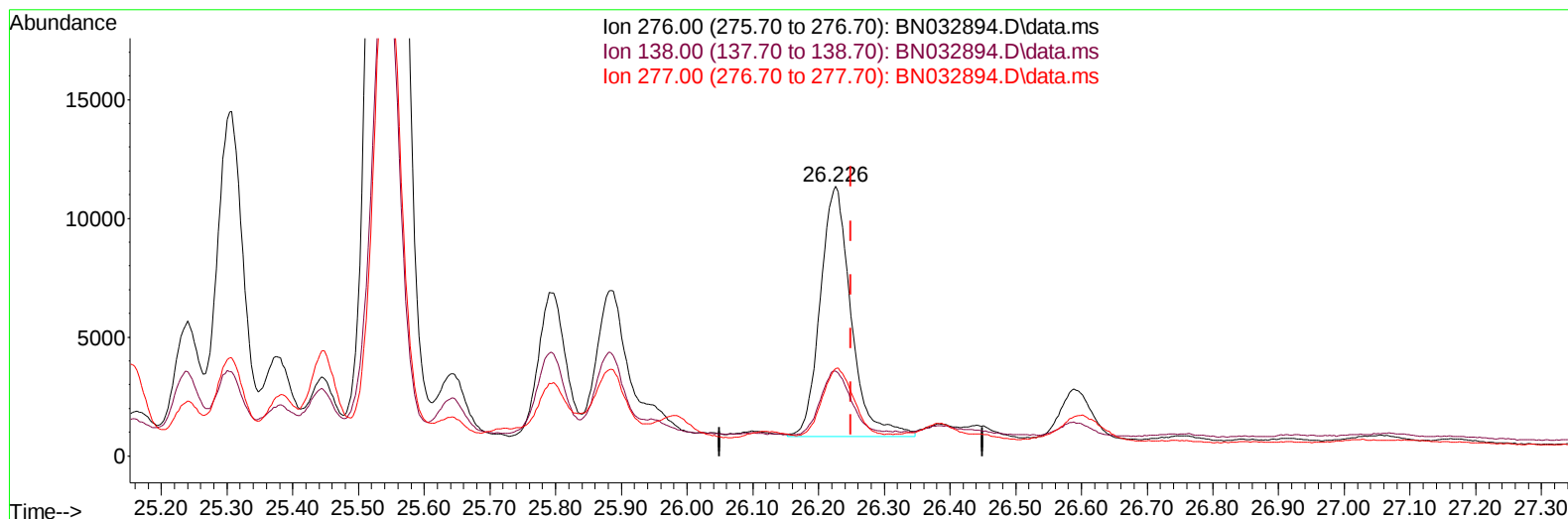
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032894.D\data.ms

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

26.226min (-0.024) 0.76 ng/ul m

response 34327

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.20  | 31.54# |
| 277.00 | 25.80  | 32.54# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
 Data File : BN032894.D  
 Acq On : 22 Jul 2024 15:35  
 Operator : MA/JU  
 Sample : P3215-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CJ4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024  
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 16:11:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.523  | 152  | 4361     | 0.400  | ng/ul | -0.01    |
| 4) Naphthalene-d8           | 10.288 | 136  | 13474    | 0.400  | ng/ul | -0.03    |
| 9) Acenaphthene-d10         | 14.174 | 164  | 7295     | 0.400  | ng/ul | -0.01    |
| 13) Phenanthrene-d10        | 16.936 | 188  | 12701m   | 0.400  | ng/ul | -0.02    |
| 17) Chrysene-d12            | 21.153 | 240  | 10313m   | 0.400  | ng/ul | -0.01    |
| 23) Perylene-d12            | 23.342 | 264  | 13126m   | 0.400  | ng/ul | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8           | 3.084  | 96   | 17652    | 3.371  | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.894 | 152  | 4363     | 0.214  | ng/ul | -0.03    |
| 18) Fluoranthene-d10        | 18.975 | 212  | 7739m    | 0.230  | ng/ul | -0.02    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 5) Naphthalene              | 10.338 | 128  | 25813    | 0.713  | ng/ul | 98       |
| 7) 2-Methylnaphthalene      | 11.971 | 142  | 8704     | 0.385  | ng/ul | 97       |
| 8) 1-Methylnaphthalene      | 12.191 | 142  | 6409     | 0.274  | ng/ul | 100      |
| 10) Acenaphthylene          | 13.892 | 152  | 28688    | 0.973  | ng/ul | 100      |
| 11) Acenaphthene            | 14.234 | 153  | 32127    | 1.318  | ng/ul | 98       |
| 12) Fluorene                | 15.234 | 166  | 36313    | 1.303  | ng/ul | 98       |
| 14) Pentachlorophenol       | 16.619 | 266  | 110m     | 0.049  | ng/ul |          |
| 15) Phenanthrene            | 16.974 | 178  | 642703m  | 18.580 | ng/ul |          |
| 16) Anthracene              | 17.066 | 178  | 127259m  | 4.503  | ng/ul |          |
| 19) Fluoranthene            | 19.008 | 202  | 985197m  | 23.496 | ng/ul |          |
| 20) Pyrene                  | 19.375 | 202  | 769483m  | 17.729 | ng/ul |          |
| 21) Benzo(a)anthracene      | 21.135 | 228  | 490234m  | 14.934 | ng/ul |          |
| 22) Chrysene                | 21.188 | 228  | 524002m  | 11.034 | ng/ul |          |
| 24) Benzo(b)fluoranthene    | 22.690 | 252  | 664810m  | 14.355 | ng/ul |          |
| 25) Benzo(k)fluoranthene    | 22.725 | 252  | 237338m  | 4.205  | ng/ul |          |
| 26) Benzo(a)pyrene          | 23.248 | 252  | 284432m  | 7.097  | ng/ul |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.542 | 276  | 254078m  | 4.682  | ng/ul |          |
| 28) Dibenzo(a,h)anthracene  | 25.535 | 278  | 94524m   | 2.247  | ng/ul |          |
| 29) Benzo(g,h,i)perylene    | 26.226 | 276  | 34327m   | 0.757  | ng/ul |          |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072224\  
Data File : BN032894.D  
Acq On : 22 Jul 2024 15:35  
Operator : MA/JU  
Sample : P3215-19  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CJ4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 16:11:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024

