

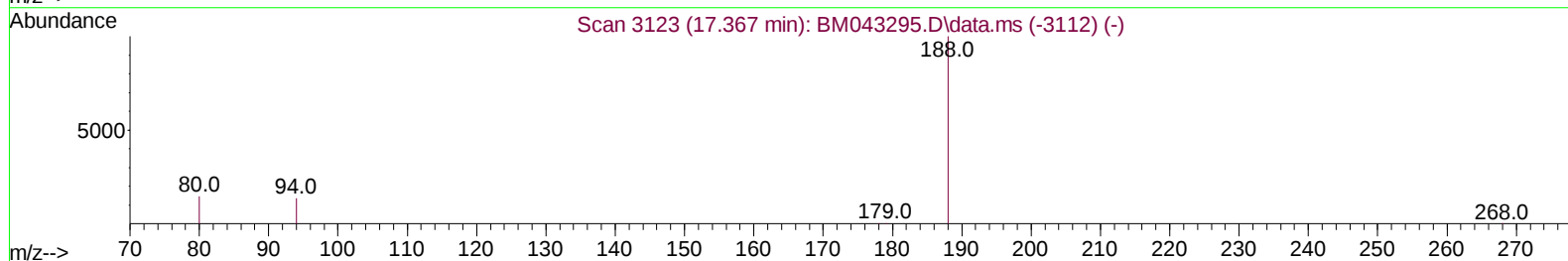
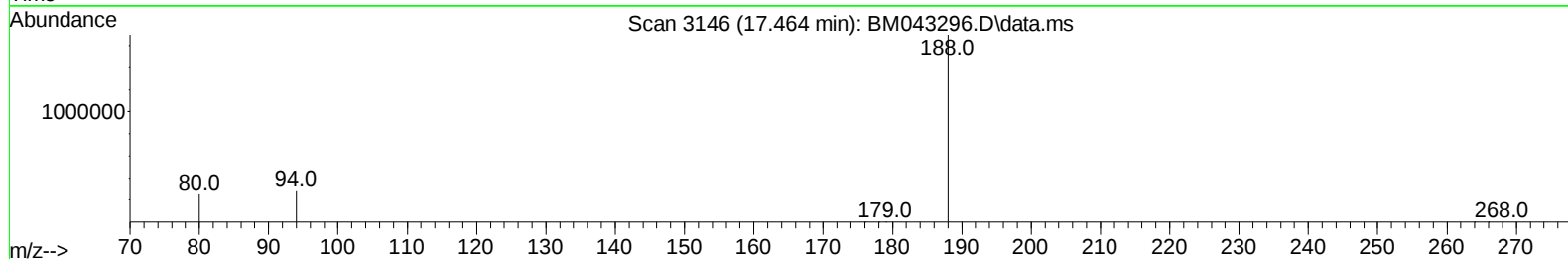
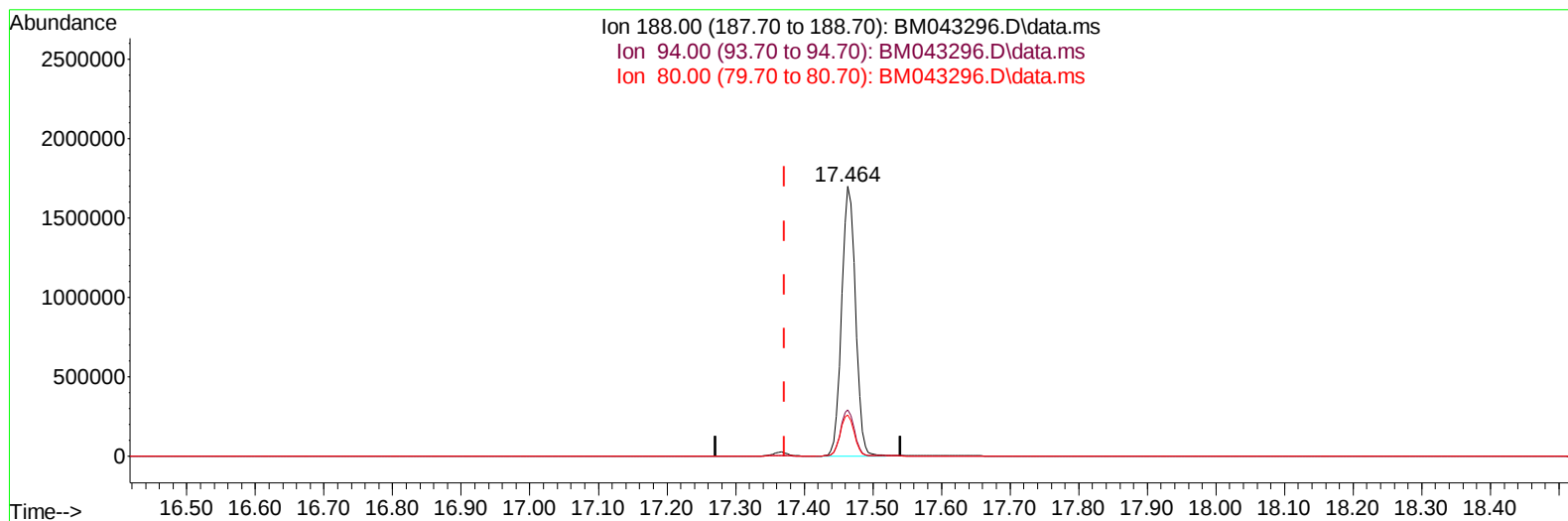
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043296.D  
 Acq On : 13 Dec 2023 11:50  
 Operator : MA/JU  
 Sample : PB157728BL  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

Manual IntegrationsAPPROVED

Quant Time: Dec 13 13:33:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:25:39 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023



TIC: BM043296.D\data.ms

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

**17.464min (+ 0.093) 0.40 ng/u1**

**response 2369979**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 17.10# |
| 80.00  | 13.20  | 15.13  |
| 0.00   | 0.00   | 0.00   |

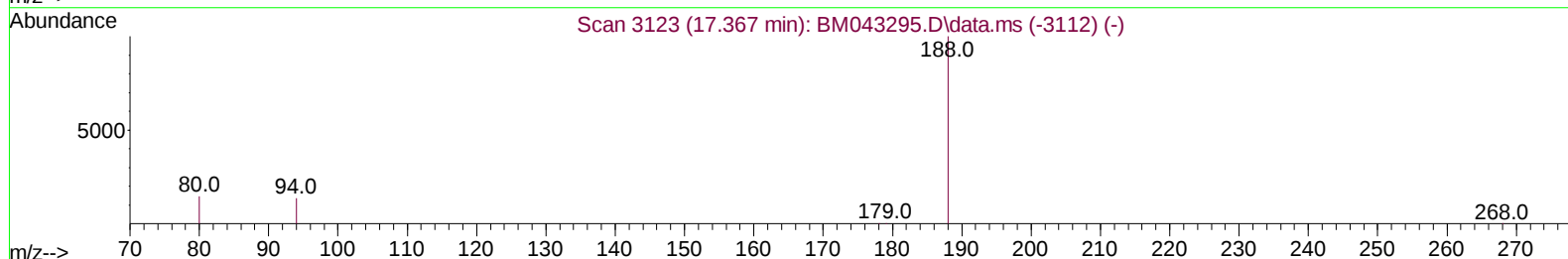
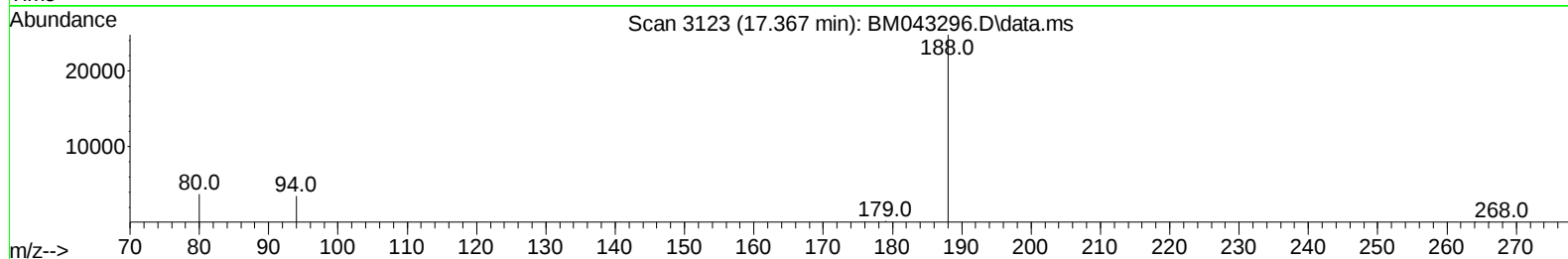
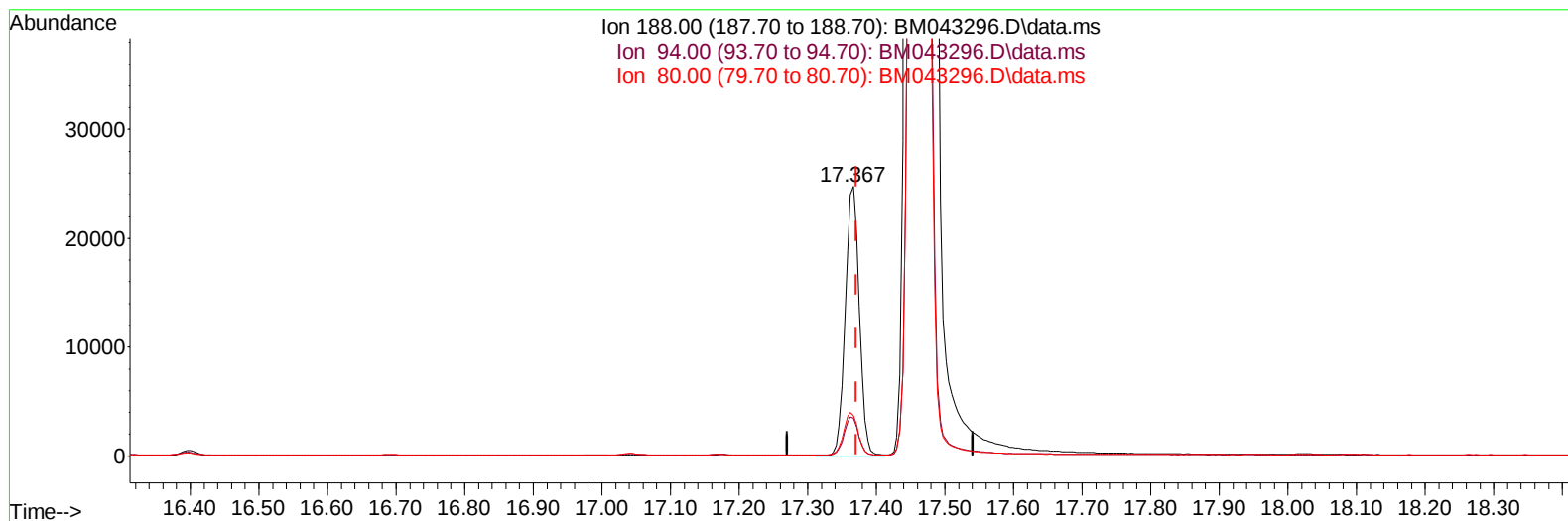
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM043296.D\data.ms

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

**17.367min (-0.004) 0.40 ng/ul m**

**response 34939**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 13.95  |
| 80.00  | 13.20  | 15.03  |
| 0.00   | 0.00   | 0.00   |

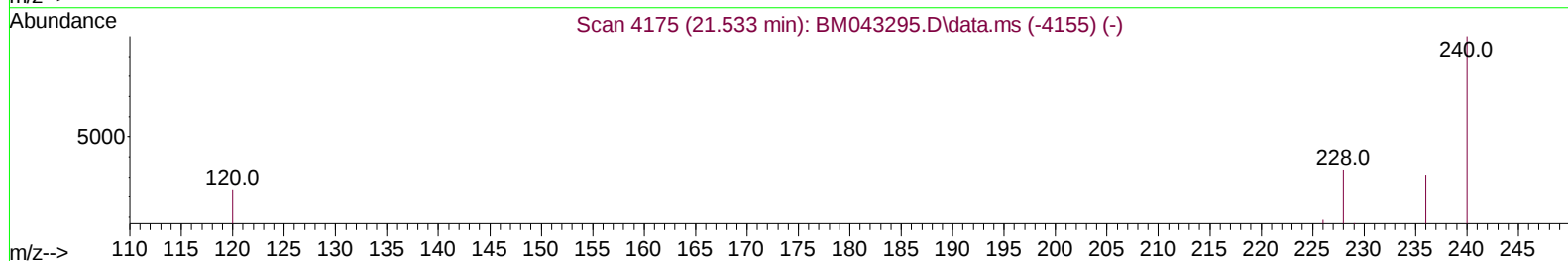
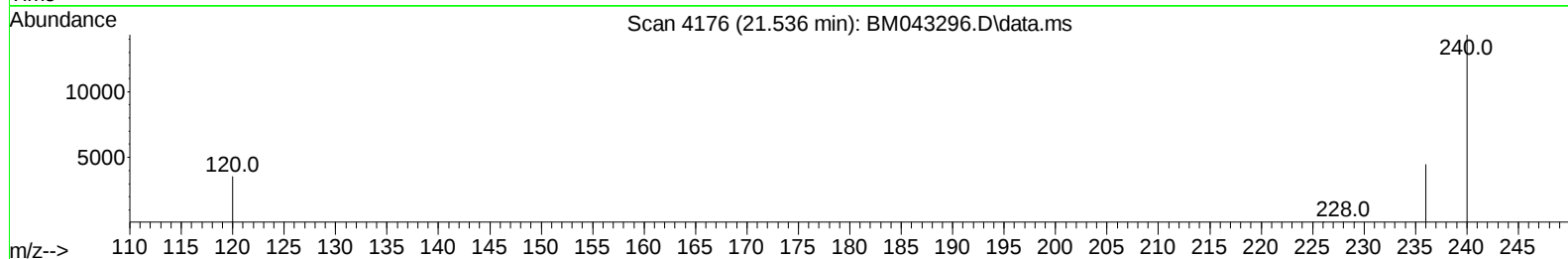
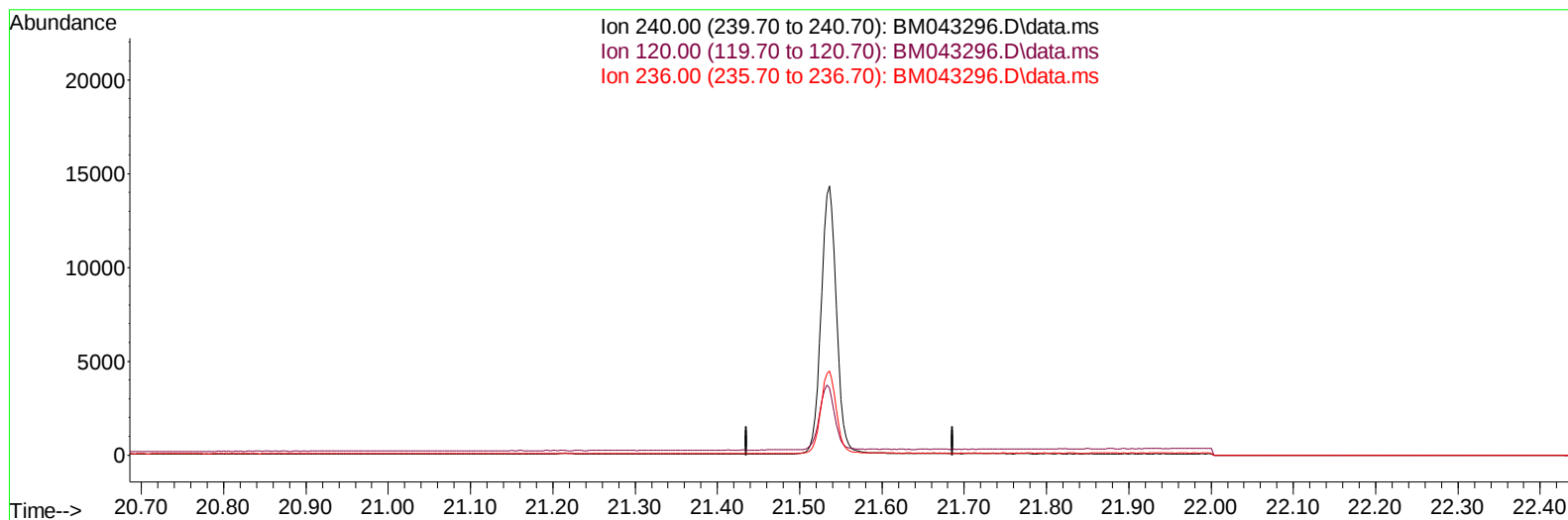
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043296.D  
 Acq On : 13 Dec 2023 11:50  
 Operator : MA/JU  
 Sample : PB157728BL  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

Manual IntegrationsAPPROVED

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TIC: BM043296.D\data.ms

(17) Chrysene-d12

21.536min (-21.536) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 20.60  | 0.00# |
| 236.00 | 31.10  | 0.00# |
| 0.00   | 0.00   | 0.00  |

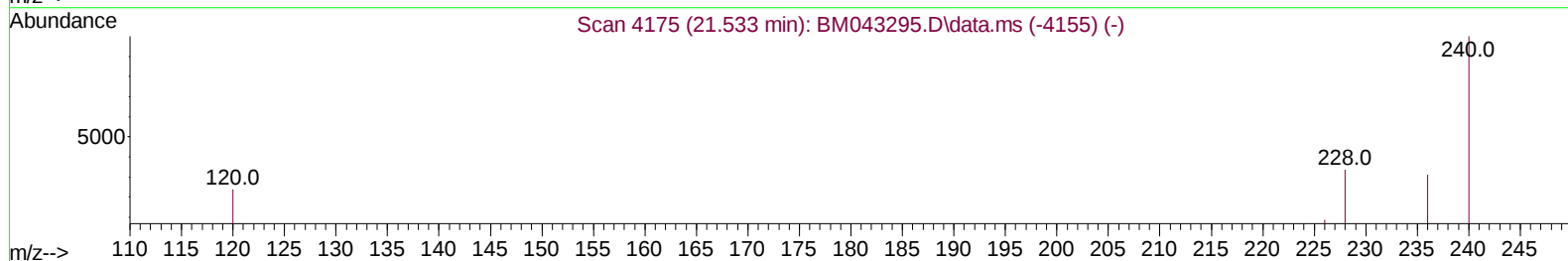
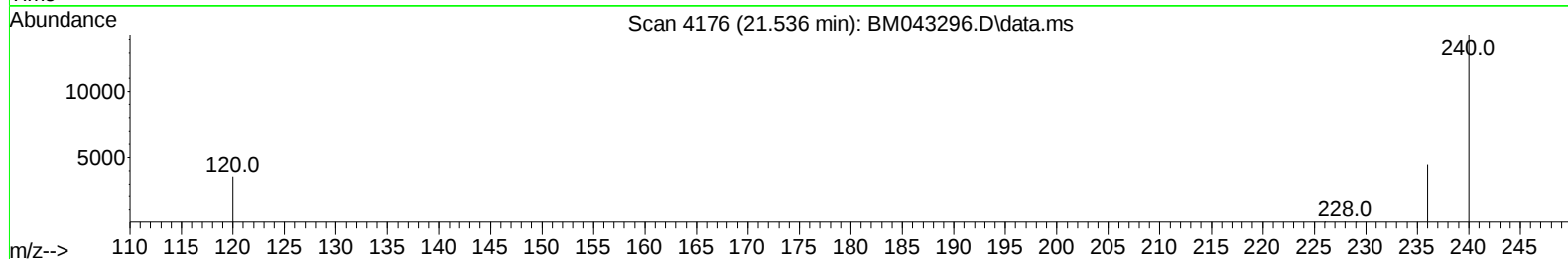
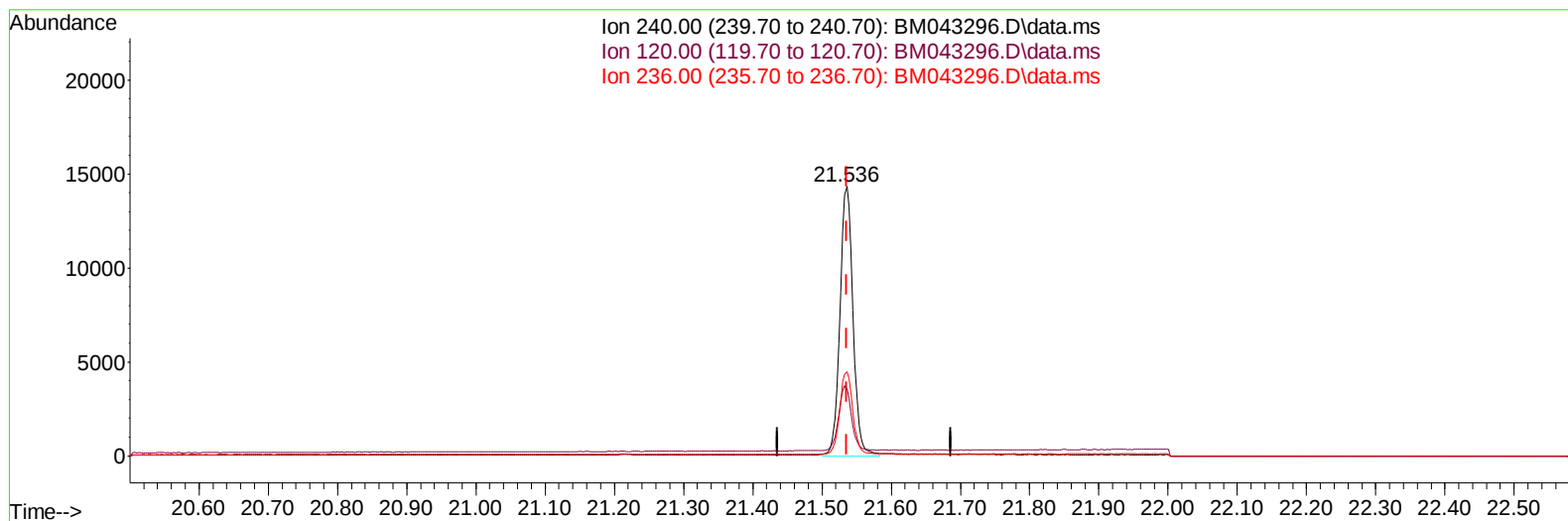
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
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 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

Manual IntegrationsAPPROVED

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TIC: BM043296.D\data.ms

(17) Chrysene-d12

21.536min (-0.000) 0.40 ng/ul m

response 18766

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60  | 24.91# |
| 236.00 | 31.10  | 31.27  |
| 0.00   | 0.00   | 0.00   |

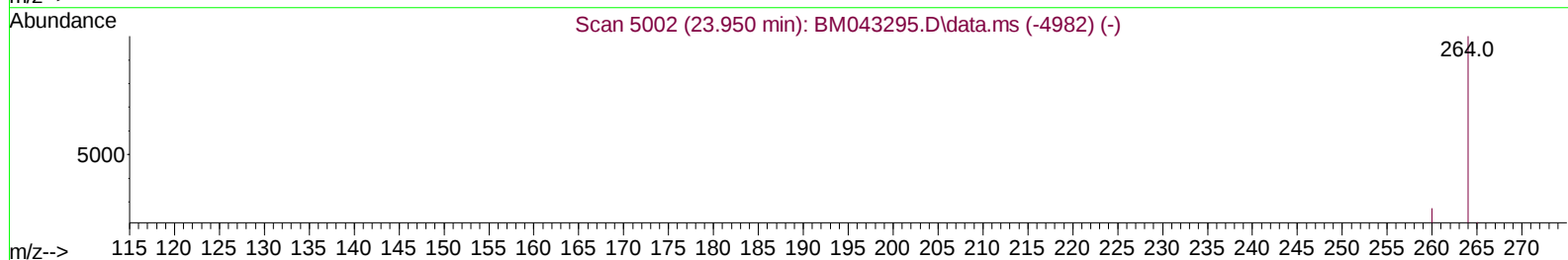
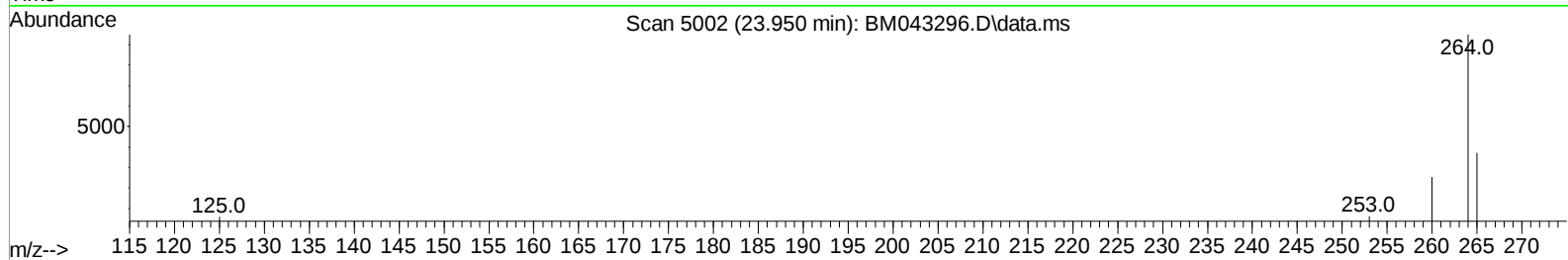
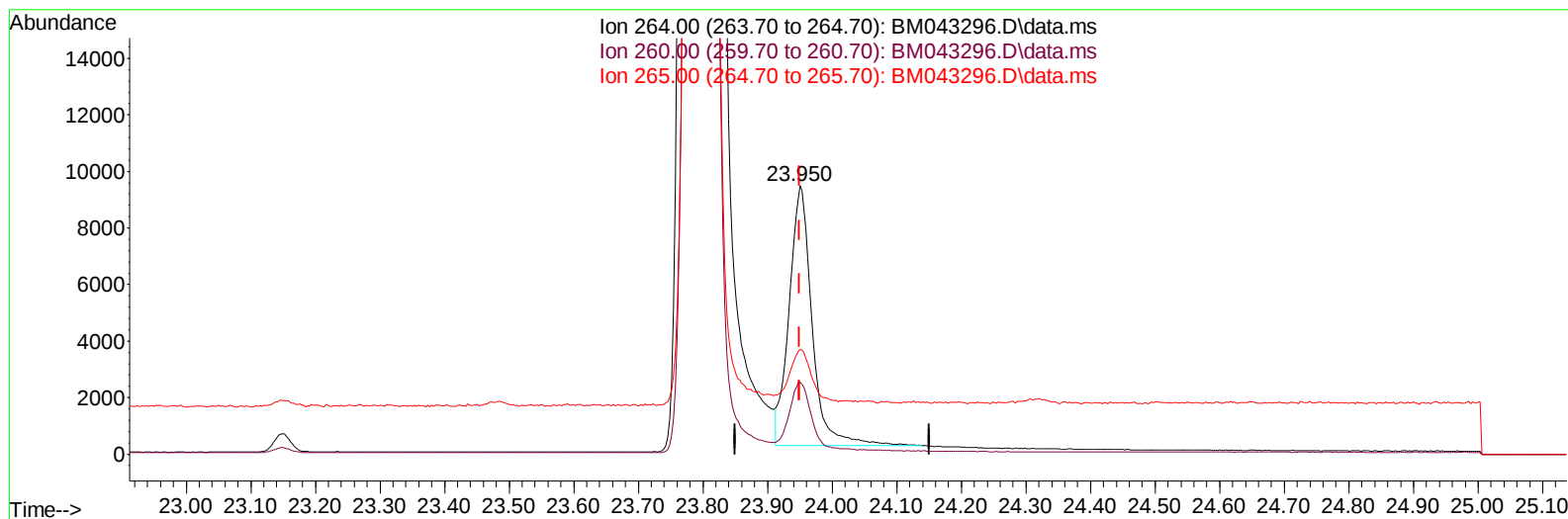
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043296.D  
 Acq On : 13 Dec 2023 11:50  
 Operator : MA/JU  
 Sample : PB157728BL  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

Manual IntegrationsAPPROVED

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TIC: BM043296.D\data.ms

**(23) Perylene-d12 (I)**

**23.950min (-0.000) 0.40 ng/u1**

**response 22583**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30  | 26.76  |
| 265.00 | 39.10  | 38.95  |
| 0.00   | 0.00   | 0.00   |

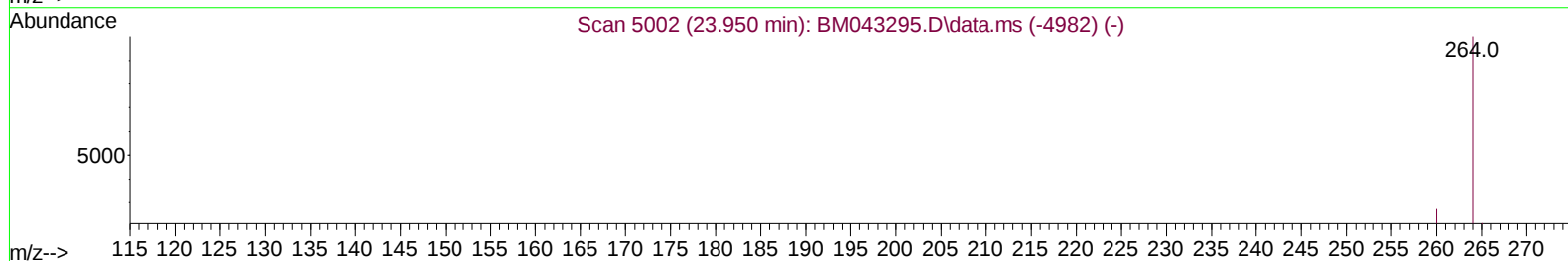
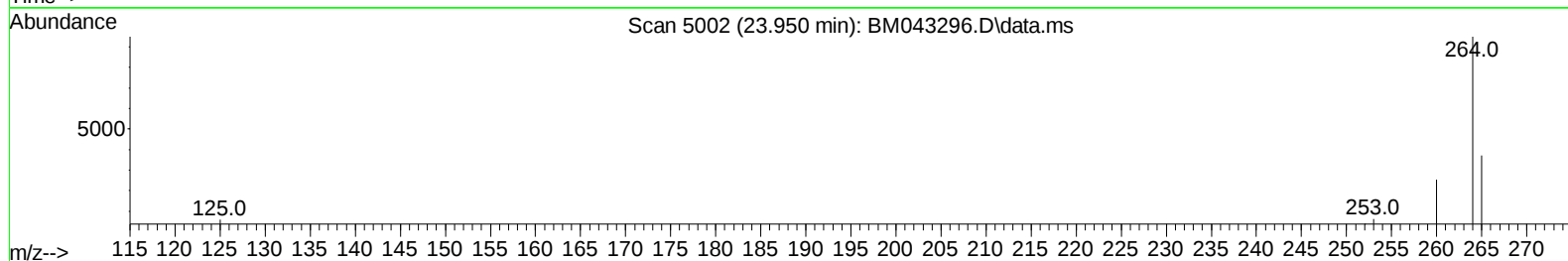
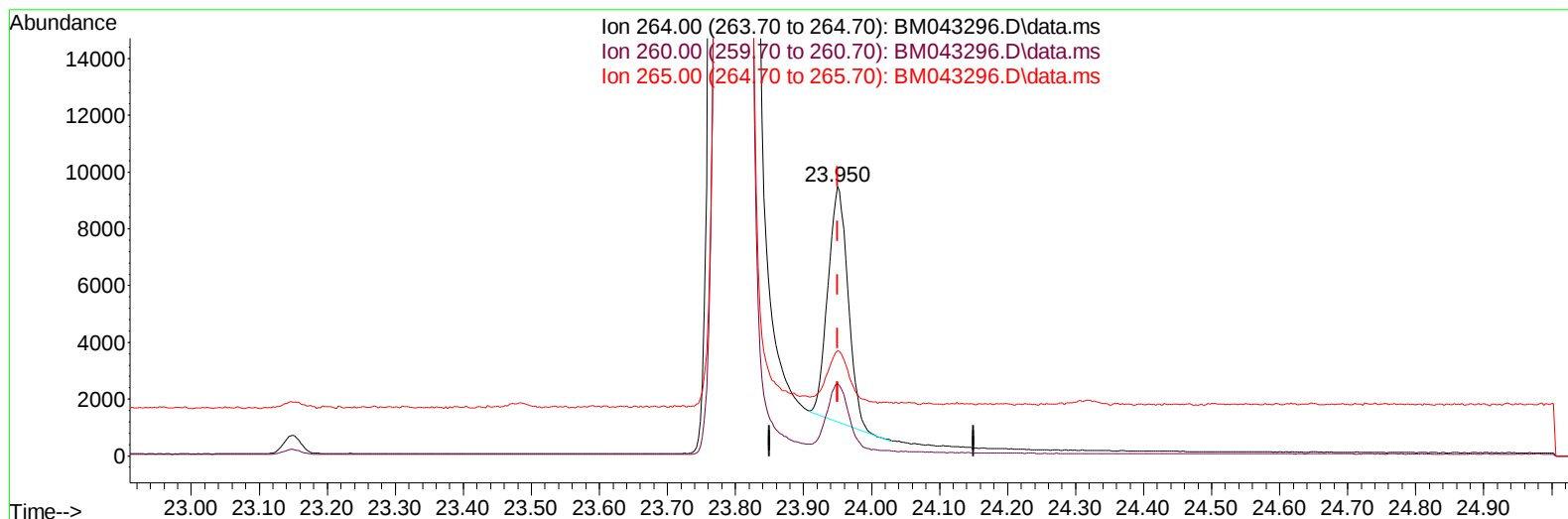
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043296.D  
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 Operator : MA/JU  
 Sample : PB157728BL  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

Manual IntegrationsAPPROVED

Quant Time: Dec 13 13:33:48 2023  
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Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023



TIC: BM043296.D\data.ms

(23) Perylene-d12 (I)

23.950min (-0.000) 0.40 ng/ul m

response 17008

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30  | 26.76  |
| 265.00 | 39.10  | 38.95  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
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 Acq On : 13 Dec 2023 11:50  
 Operator : MA/JU  
 Sample : PB157728BL  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK728

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152  | 9681     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.807 | 136  | 32230    | 0.400 | ng/ul | -0.01    |
| 9) Acenaphthene-d10         | 14.624 | 164  | 17843    | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 17.367 | 188  | 34939m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.536 | 240  | 18766m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.950 | 264  | 17008m   | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.397  | 96   | 69519    | 5.683 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.390 | 152  | 13702    | 0.300 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.385 | 212  | 20823    | 0.311 | ng/ul | 0.00     |

|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 72 Sample Multiplier: 1

Instrument :  
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## Manual IntegrationsAPPROVED

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