

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043291.D  
 Acq On : 13 Dec 2023 08:10  
 Operator : MA/JU  
 Sample : 05686-07  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YCH81

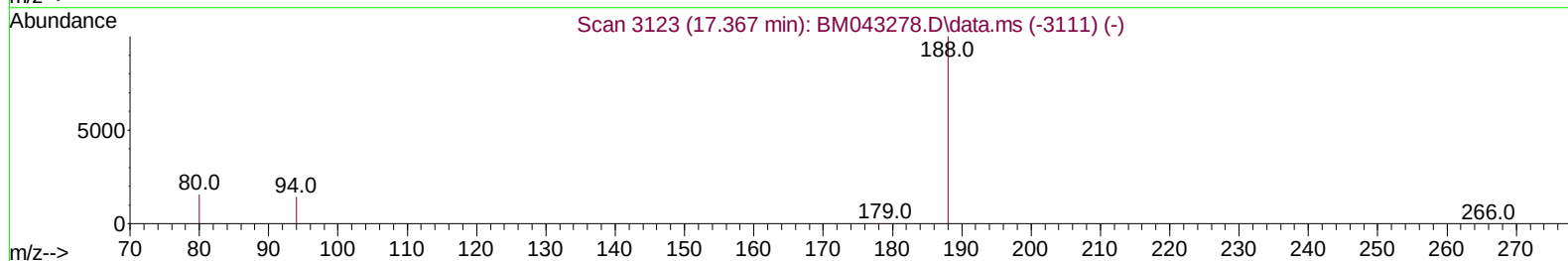
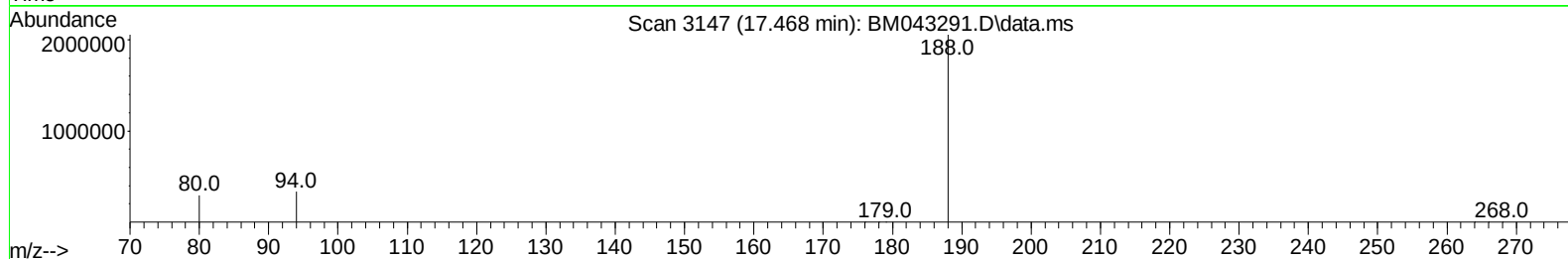
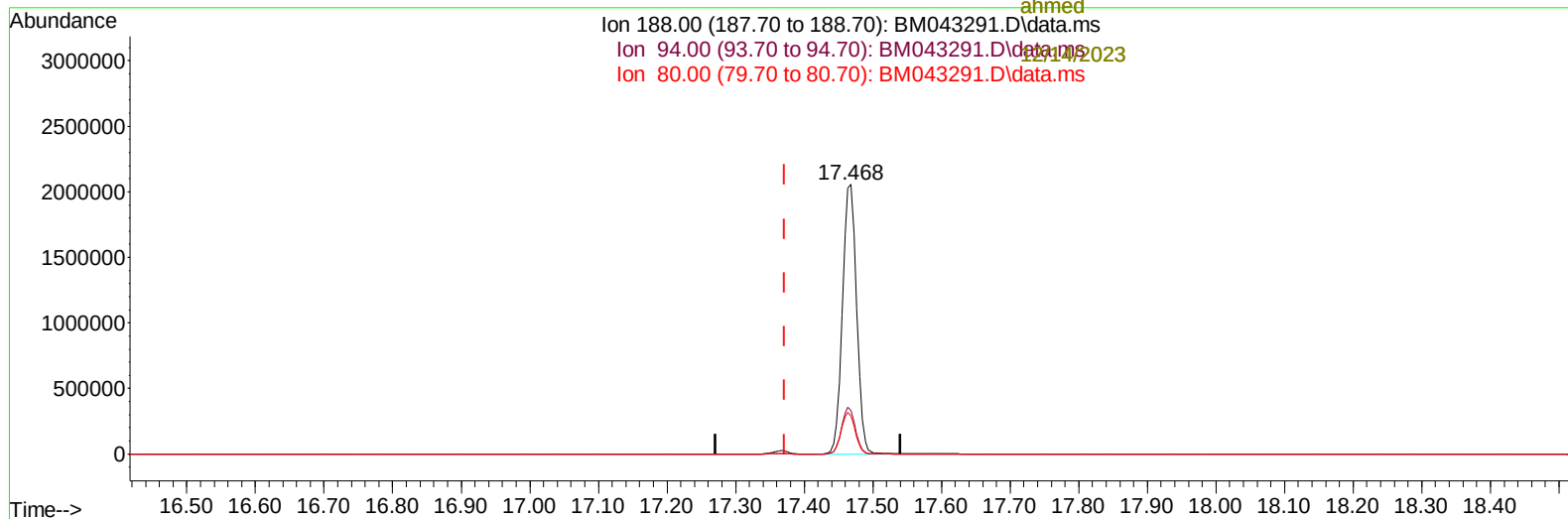
Manual IntegrationsAPPROVED

Quant Time: Dec 13 09:47:46 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

Ion 188.00 (187.70 to 188.70): BM043291.D\data.ms  
 Ion 94.00 (93.70 to 94.70): BM043291.D\data.ms  
 Ion 80.00 (79.70 to 80.70): BM043291.D\data.ms



TIC: BM043291.D\data.ms

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

**17.468min (+ 0.097) 0.40 ng/u1**

**response 2916229**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 16.19# |
| 80.00  | 13.20  | 14.11  |
| 0.00   | 0.00   | 0.00   |

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Misc :  
ALS Vial : 66 Sample Multiplier: 1

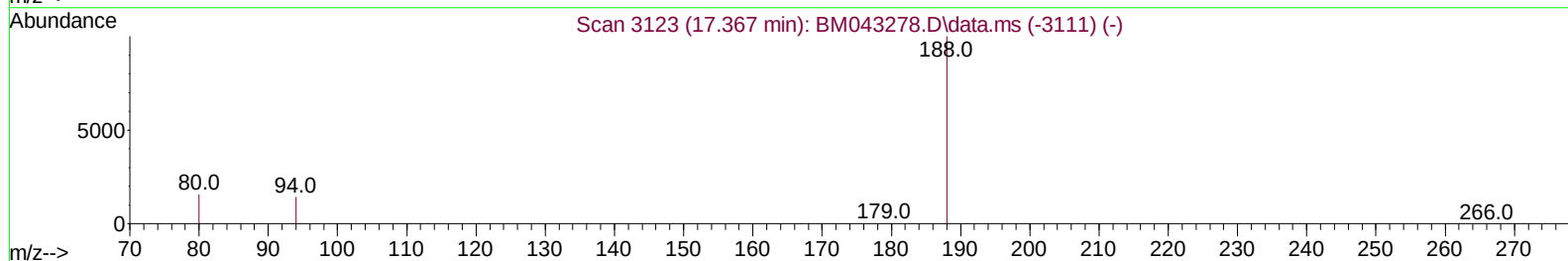
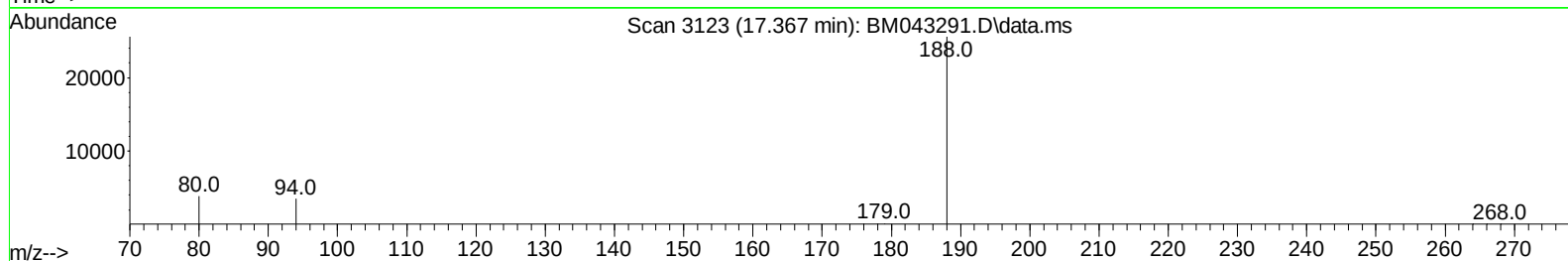
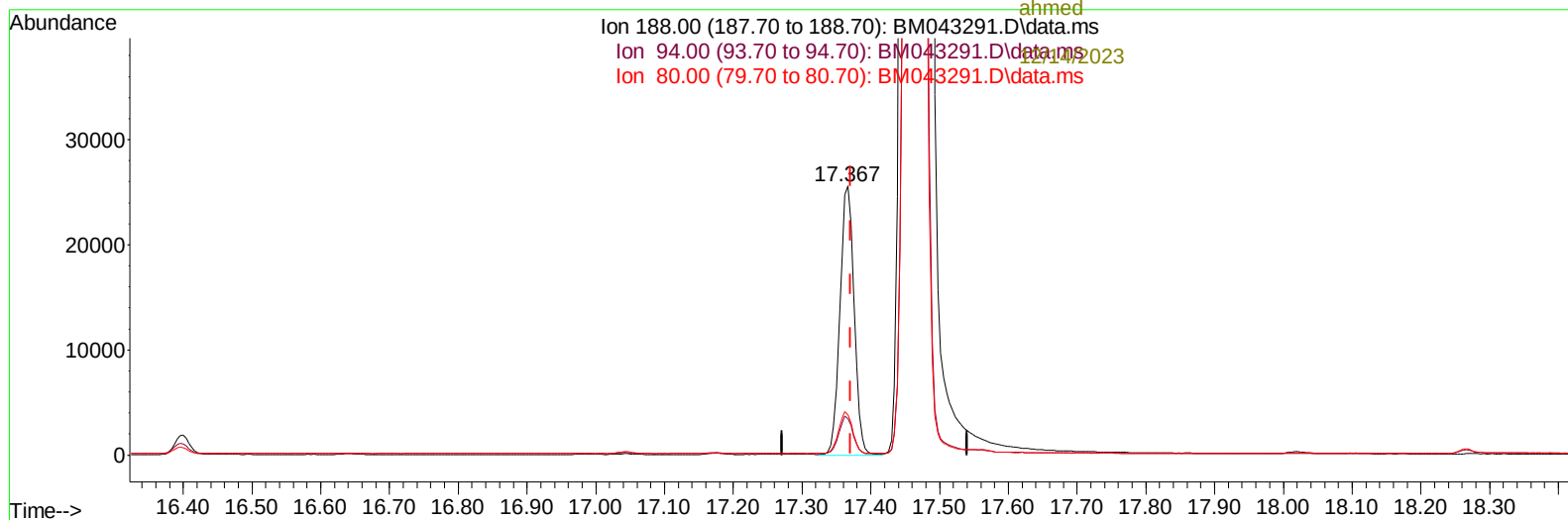
Instrument :  
BNA\_M  
ClientSampleId :  
YCH81

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Patel

12/14/2023  
Supervised By :mohammad  
ahmed



TIC: BM043291.D\data.ms

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

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

**response 36606**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 13.68  |
| 80.00  | 13.20  | 15.11  |
| 0.00   | 0.00   | 0.00   |

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 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YCH81

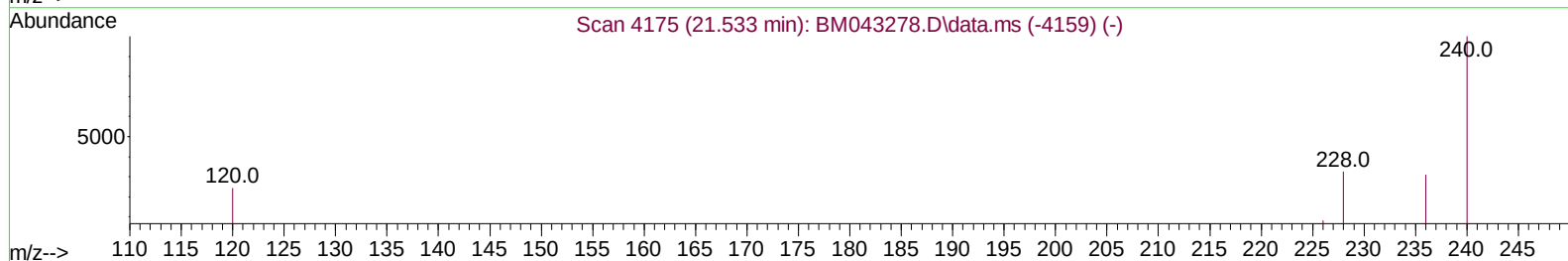
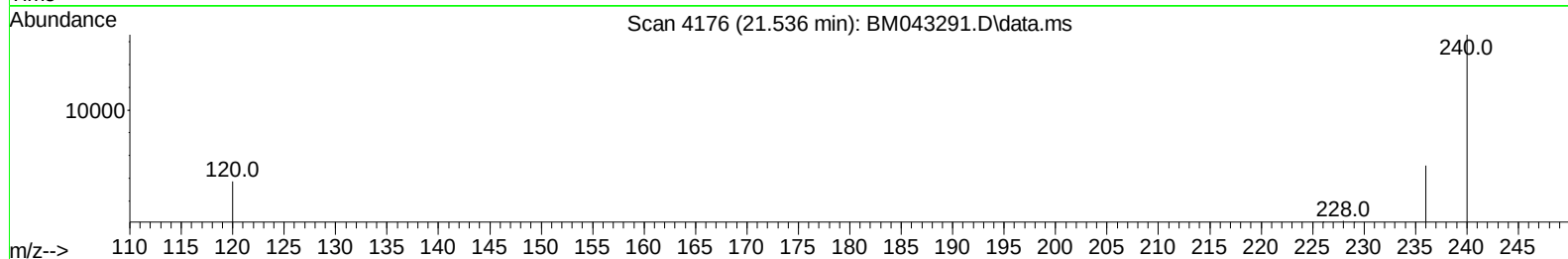
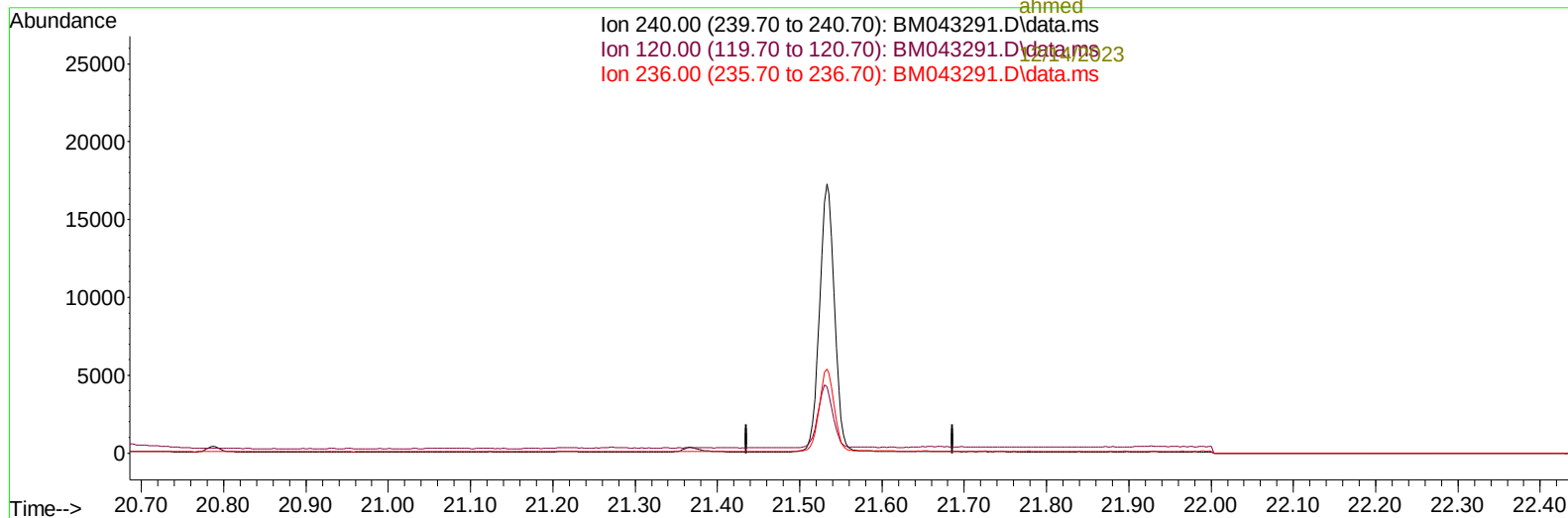
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 Patel

12/14/2023  
 Supervised By :mohammad  
 ahmed

Ion 240.00 (239.70 to 240.70): BM043291.D\data.ms  
 Ion 120.00 (119.70 to 120.70): BM043291.D\data.ms  
 Ion 236.00 (235.70 to 236.70): BM043291.D\data.ms



TIC: BM043291.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  |

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Misc :  
ALS Vial : 66 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YCH81

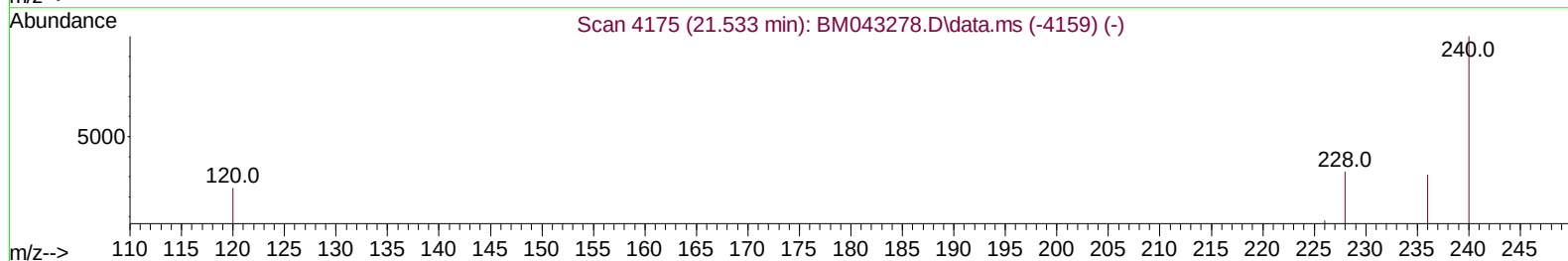
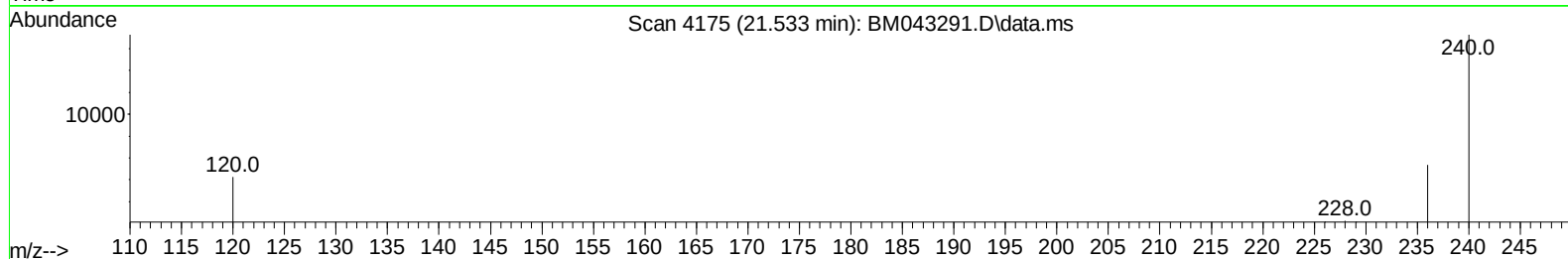
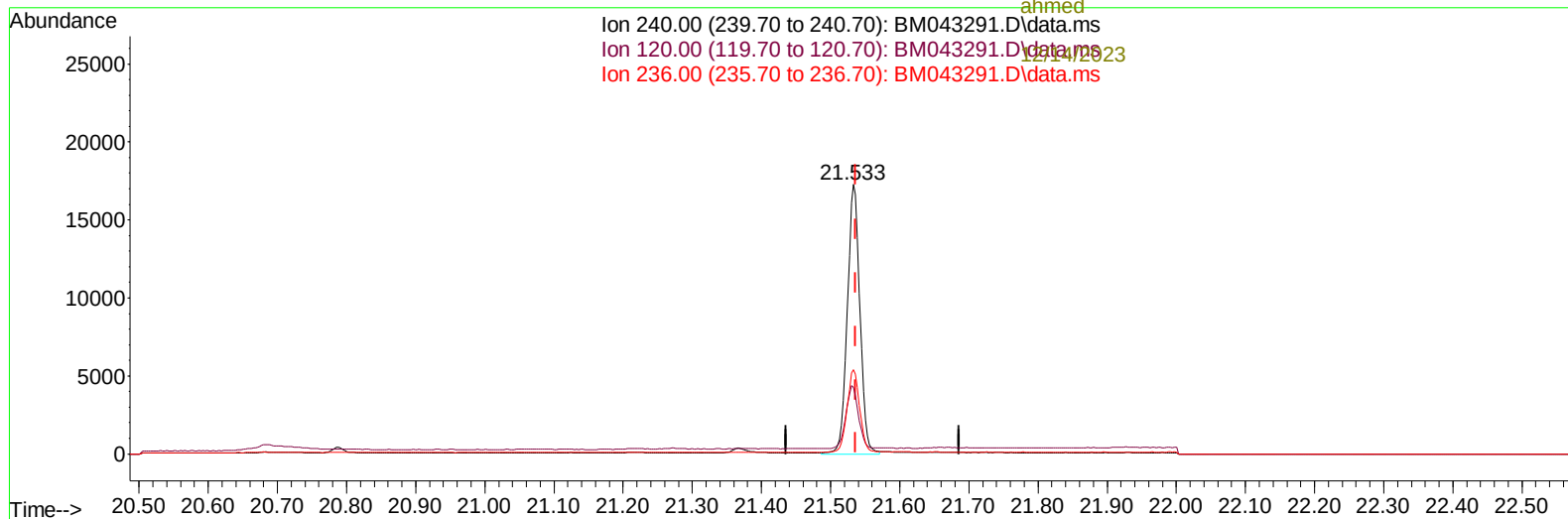
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ahmed

Ion 240.00 (239.70 to 240.70): BM043291.D\data.ms  
Ion 120.00 (119.70 to 120.70): BM043291.D\data.ms  
Ion 236.00 (235.70 to 236.70): BM043291.D\data.ms



TIC: BM043291.D\data.ms

(17) Chrysene-d12

21.533min (-0.003) 0.40 ng/ul m

response 21986

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60  | 24.72# |
| 236.00 | 31.10  | 31.16  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
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 Operator : MA/JU  
 Sample : 05686-07  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

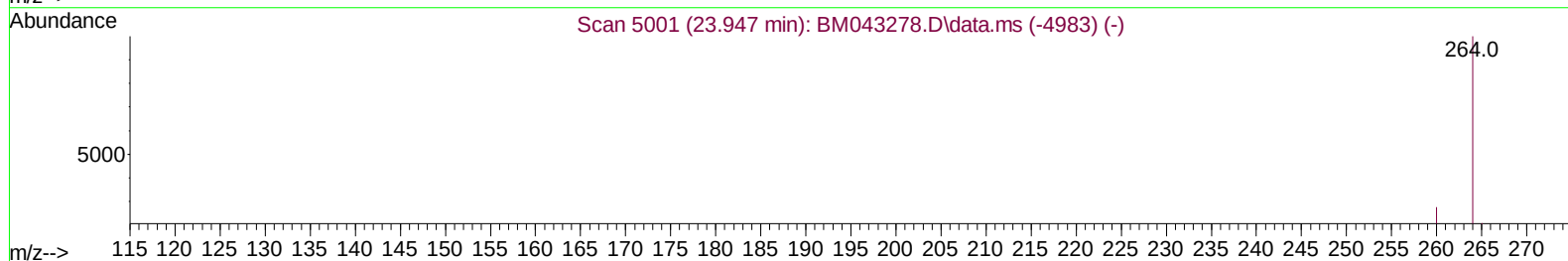
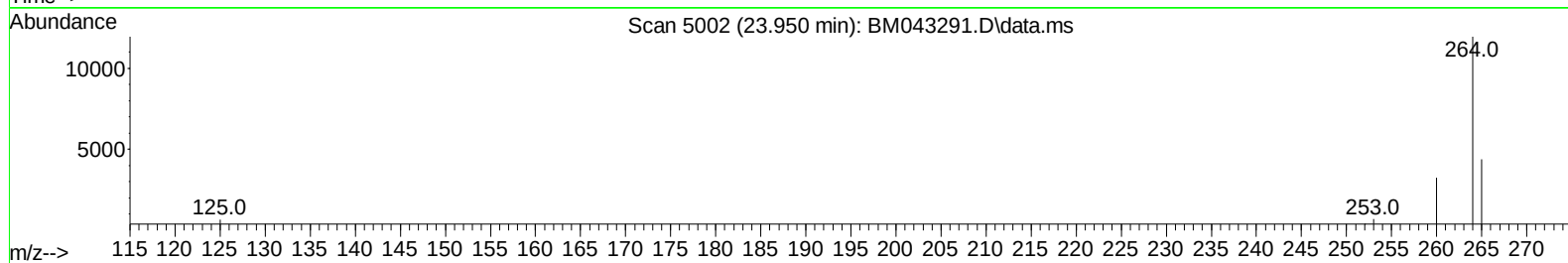
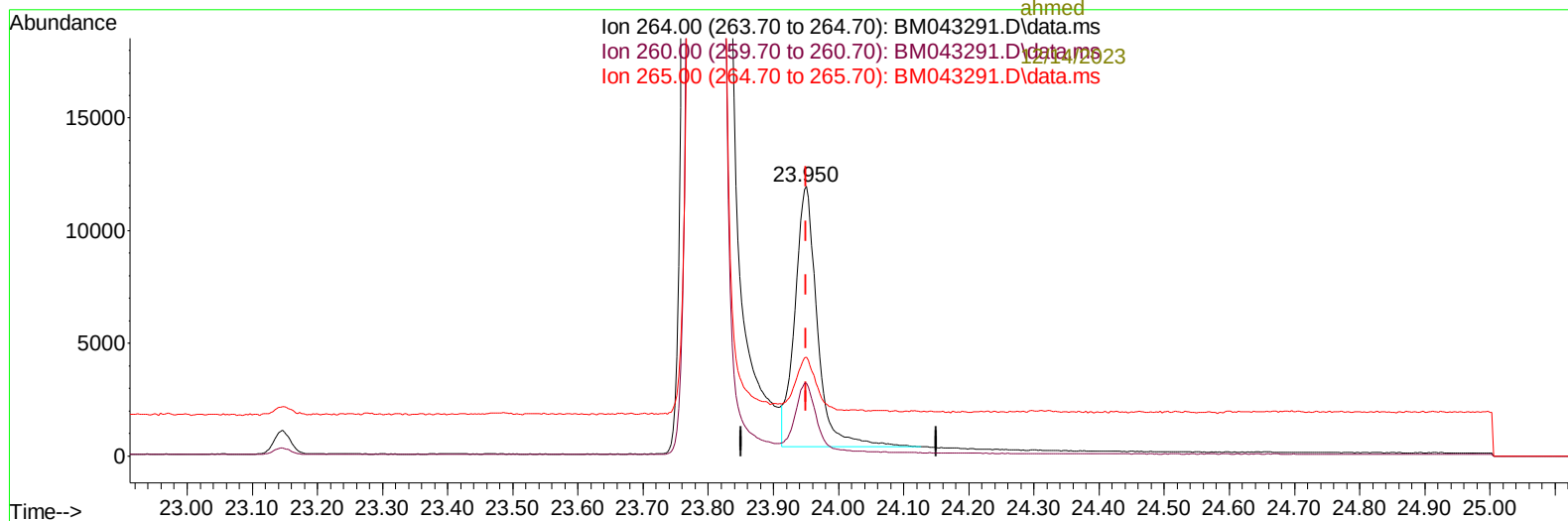
Instrument :  
 BNA\_M  
 ClientSampleId :  
 YCH81

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 Patel

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 Supervised By :mohammad  
 ahmed



TIC: BM043291.D\data.ms

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

23.950min (-0.000) 0.40 ng/u1

response 27960

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30  | 27.08  |
| 265.00 | 39.10  | 36.61  |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : 05686-07  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

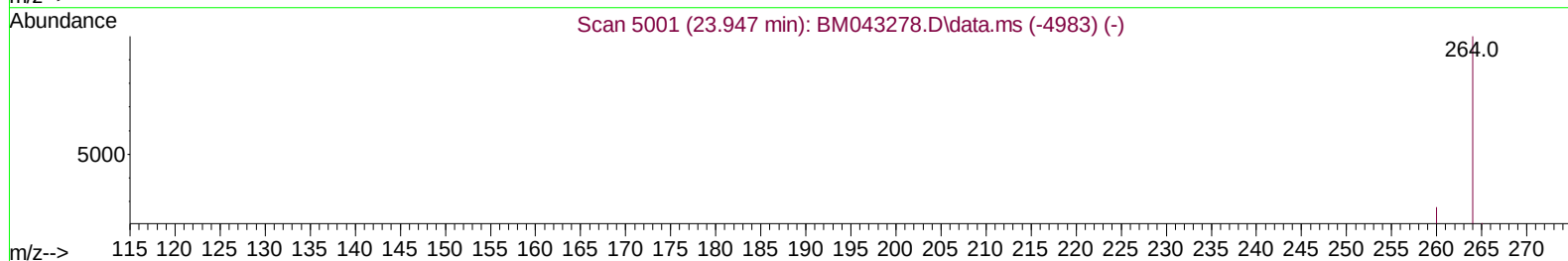
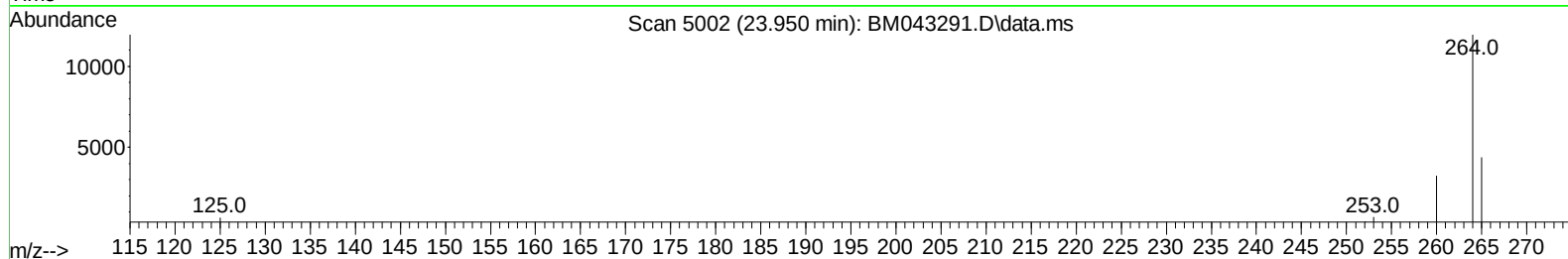
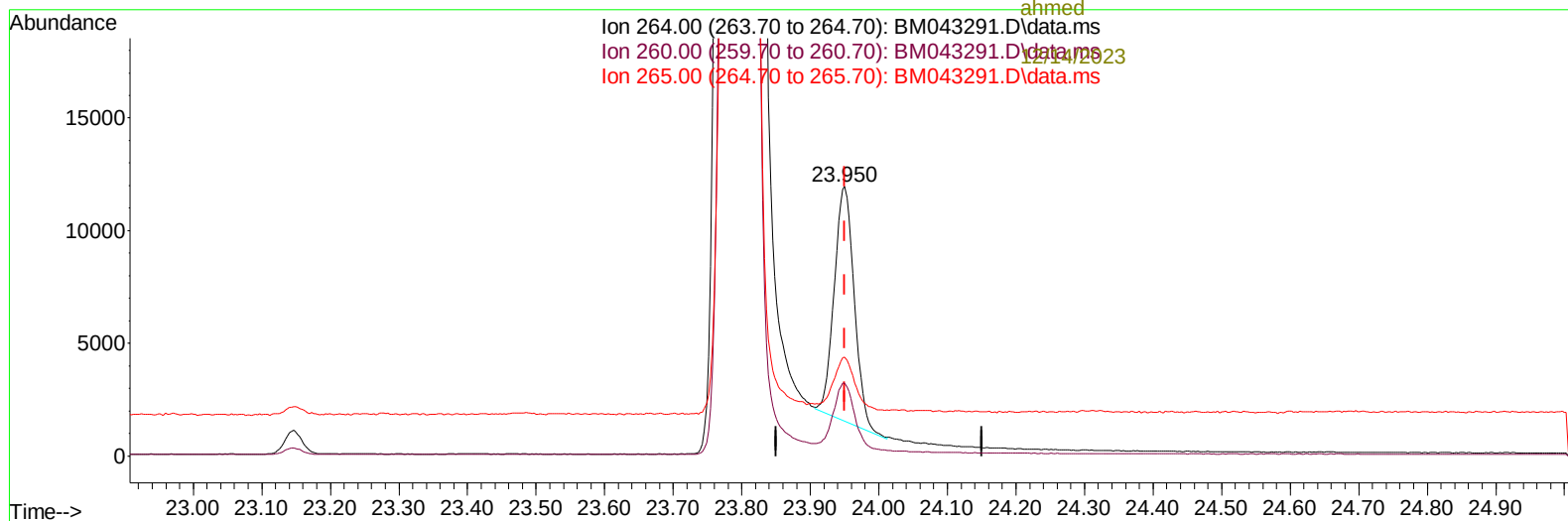
Instrument :  
 BNA\_M  
 ClientSampleId :  
 YCH81

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 Patel

12/14/2023  
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 ahmed



TIC: BM043291.D\data.ms

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

23.950min (-0.000) 0.40 ng/ul m

response 21047

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30  | 27.08  |
| 265.00 | 39.10  | 36.61  |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : 05686-07  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YCH81

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|-------|----------|
| -----12/14/2023             |        |     |     |          |       |       |          |
| Internal Standards          |        |     |     |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152 |     | 9836     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.807 | 136 |     | 33107    | 0.400 | ng/ul | -0.01    |
| 9) Acenaphthene-d10         | 14.624 | 164 |     | 18285    | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 17.367 | 188 |     | 36606m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.533 | 240 |     | 21986m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.950 | 264 |     | 21047m   | 0.400 | ng/ul | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.397  | 96  |     | 50228    | 4.042 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.390 | 152 |     | 16677    | 0.355 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.385 | 212 |     | 27994    | 0.356 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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ALS Vial : 66 Sample Multiplier: 1

Instrument :  
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YCH81

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12/14/2023

