

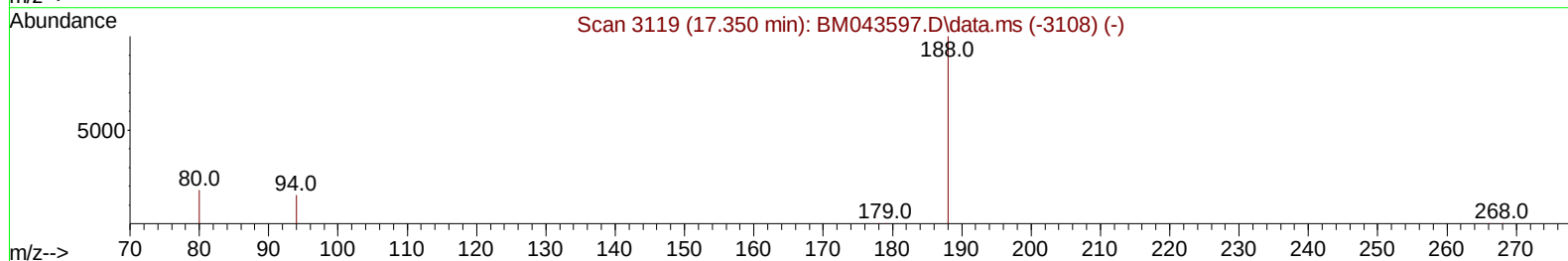
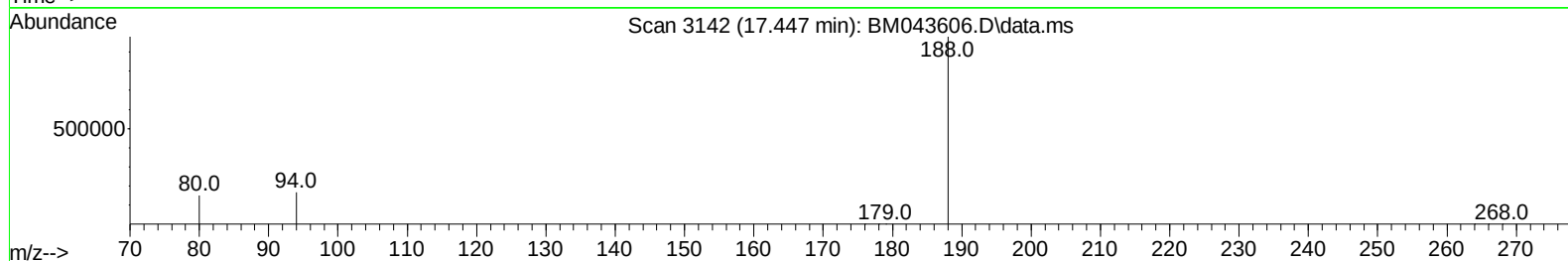
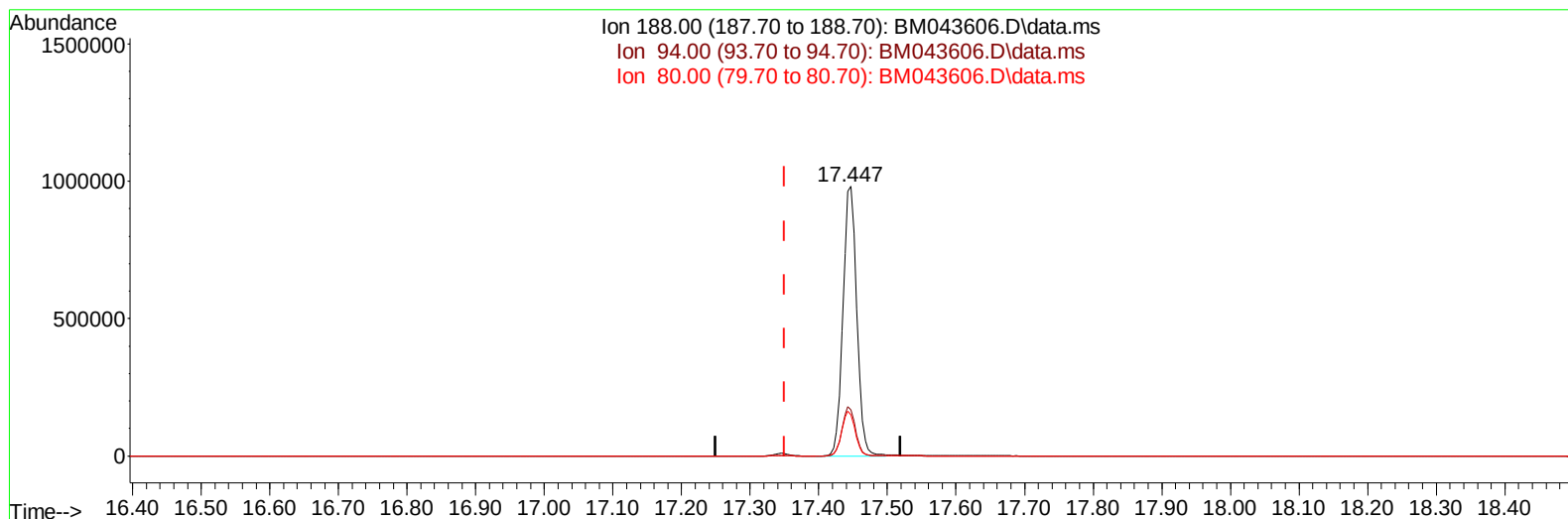
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
 Data File : BM043606.D  
 Acq On : 27 Dec 2023 13:31  
 Operator : MA/JU  
 Sample : 06020-07  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH7W8

Manual IntegrationsAPPROVED

Quant Time: Dec 27 21:41:44 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 : Tue Dec 26 22:58:31 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/28/2023  
 Supervised By :mohammad ahmed 12/29/2023



TIC: BM043606.D\data.ms

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

**17.447min (+ 0.097) 0.40 ng/ul**

**response 1358640**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 17.02# |
| 80.00  | 13.20  | 15.28  |
| 0.00   | 0.00   | 0.00   |

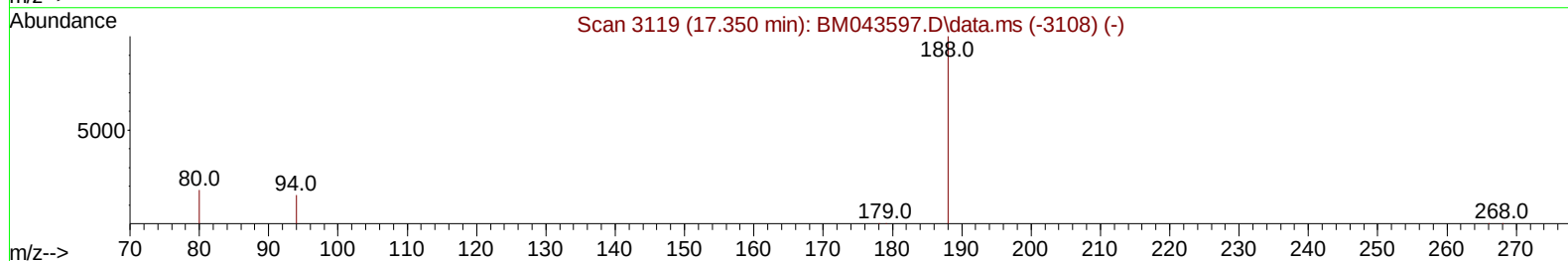
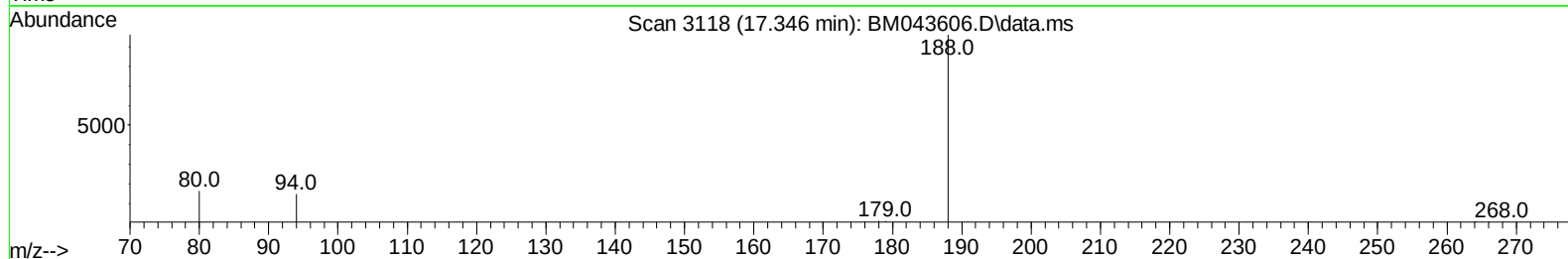
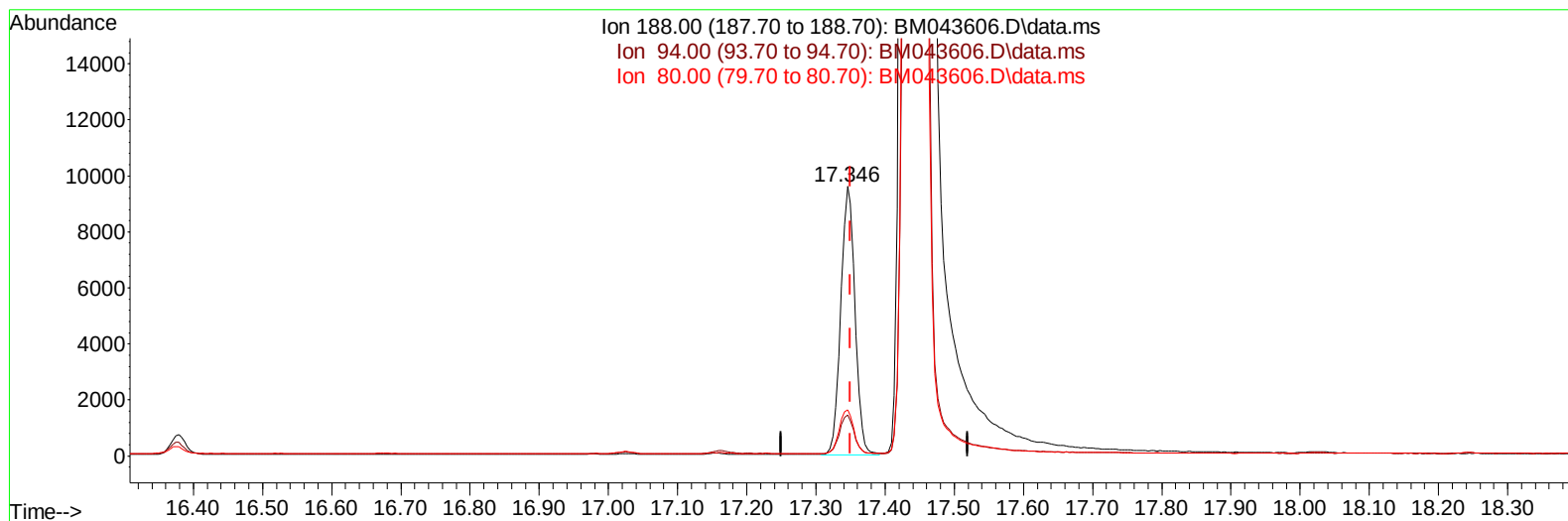
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
 Data File : BM043606.D  
 Acq On : 27 Dec 2023 13:31  
 Operator : MA/JU  
 Sample : 06020-07  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH7W8

Manual IntegrationsAPPROVED

Quant Time: Dec 27 21:41:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
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TIC: BM043606.D\data.ms

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

17.346min (-0.004) 0.40 ng/ul m

response 13680

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.30  | 15.26# |
| 80.00  | 13.20  | 17.03# |
| 0.00   | 0.00   | 0.00   |

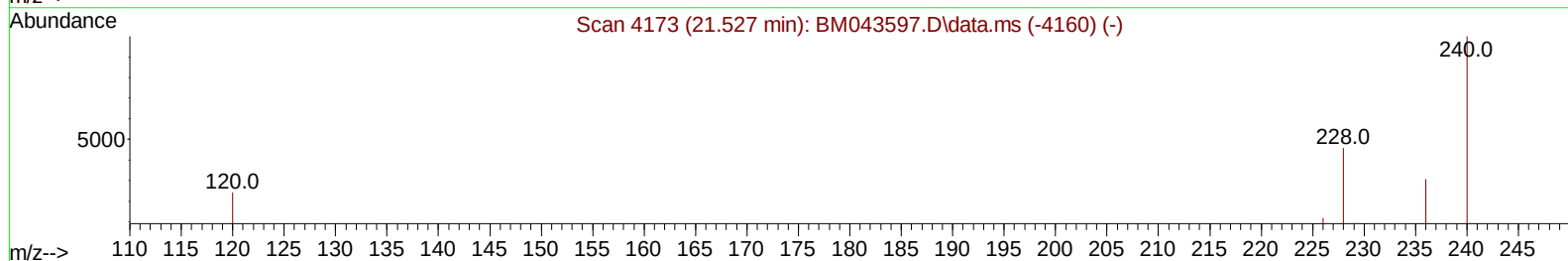
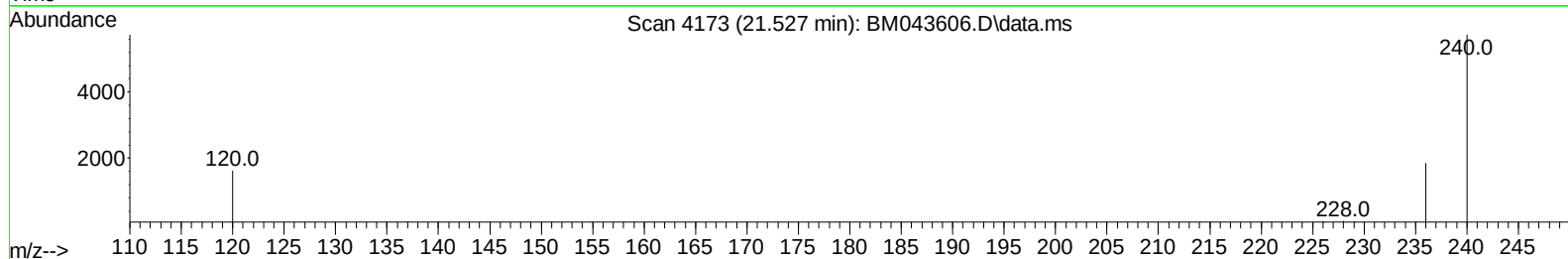
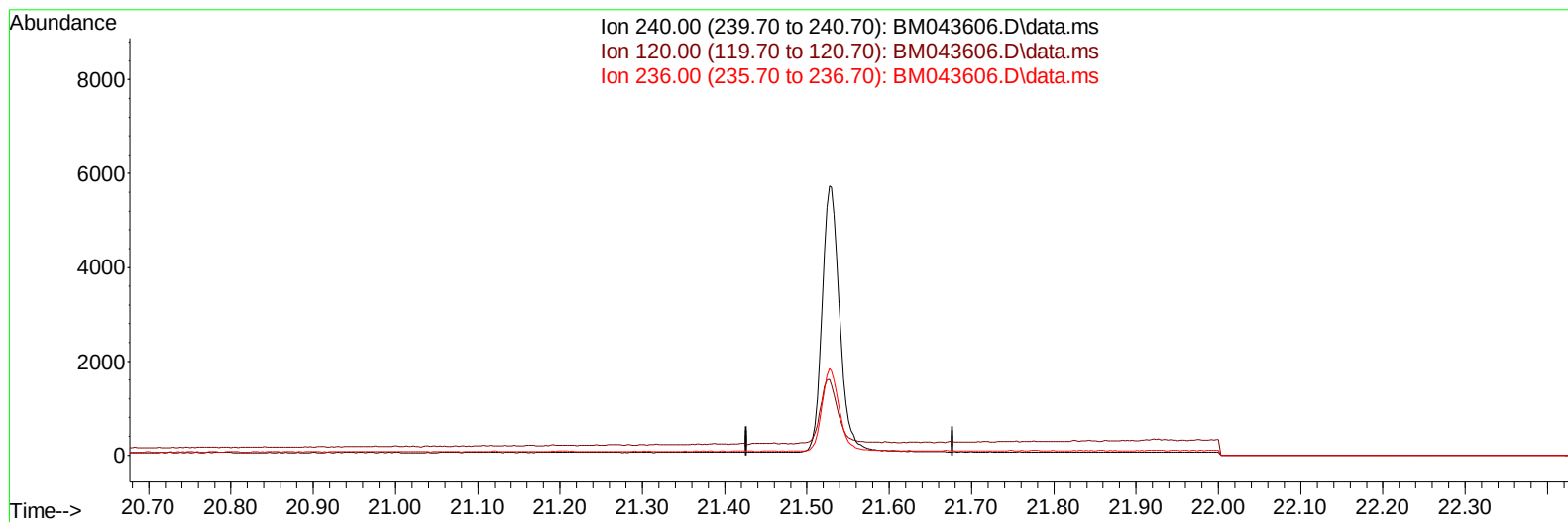
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
Data File : BM043606.D  
Acq On : 27 Dec 2023 13:31  
Operator : MA/JU  
Sample : 06020-07  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH7W8

Manual IntegrationsAPPROVED

Quant Time: Dec 27 21:41:44 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 : Tue Dec 26 22:58:31 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/28/2023  
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TIC: BM043606.D\data.ms

(17) Chrysene-d12

21.527min (-21.527) 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  |

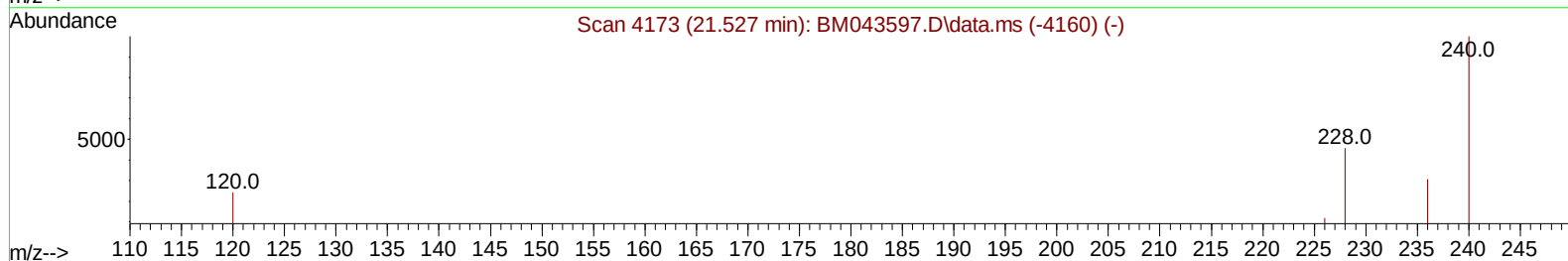
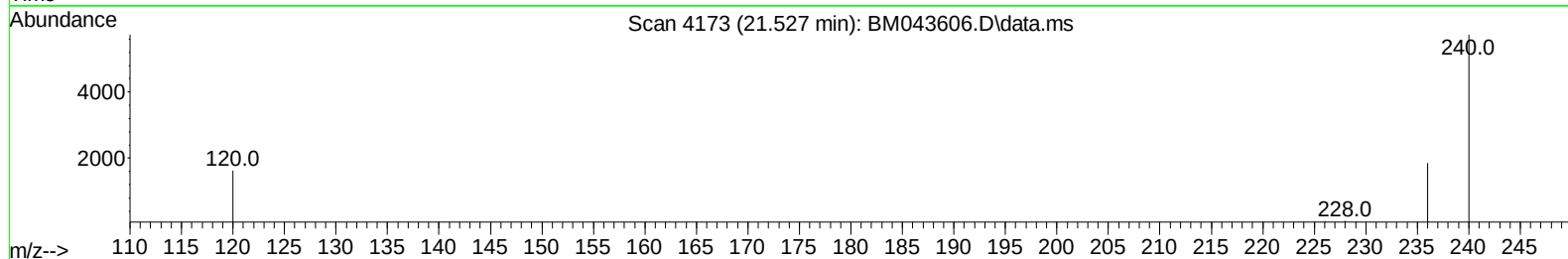
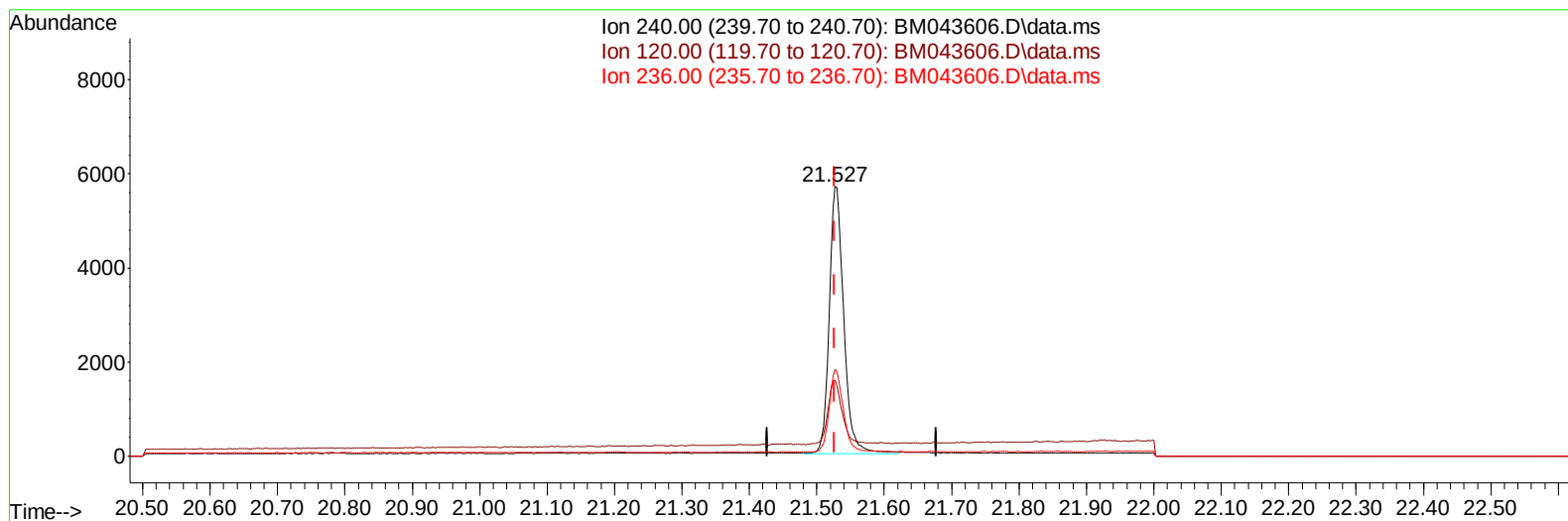
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
Data File : BM043606.D  
Acq On : 27 Dec 2023 13:31  
Operator : MA/JU  
Sample : 06020-07  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH7W8

Manual IntegrationsAPPROVED

Quant Time: Dec 27 21:41:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
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TIC: BM043606.D\data.ms

(17) Chrysene-d12

21.527min (+ 0.000) 0.40 ng/ul m

response 8487

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60  | 28.20# |
| 236.00 | 31.10  | 32.23  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122623\  
 Data File : BM043606.D  
 Acq On : 27 Dec 2023 13:31  
 Operator : MA/JU  
 Sample : 06020-07  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH7W8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023  
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 27 21:41:44 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.971  | 152 |     | 5050     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.774 | 136 |     | 15436    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.601 | 164 |     | 7089     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.346 | 188 |     | 13680m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.527 | 240 |     | 8487m    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.939 | 264 |     | 14013    | 0.400 | ng/ul  | # 0.00   |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.376  | 96  |     | 27303    | 4.279 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.368 | 152 |     | 6447     | 0.295 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212 |     | 11464    | 0.378 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.414  | 88  |     | 877      | 0.137 | ng/ul# | 71       |
| -----                       |        |     |     |          |       |        |          |

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

Manual IntegrationsAPPROVED

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