

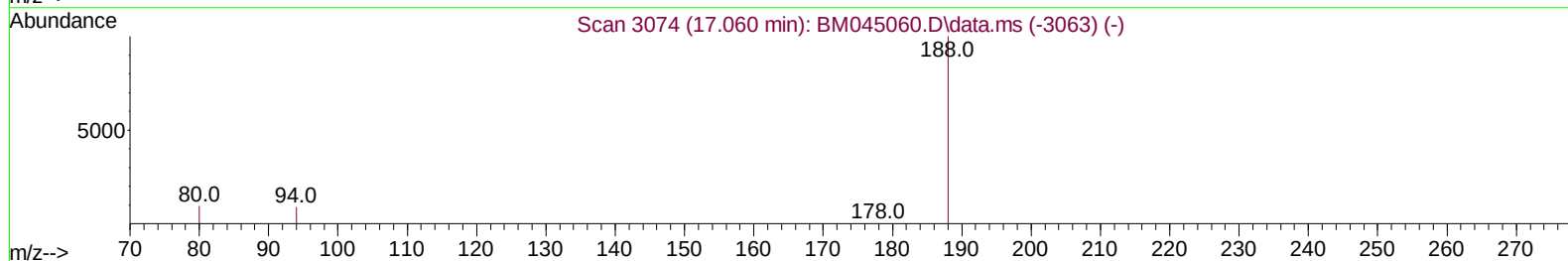
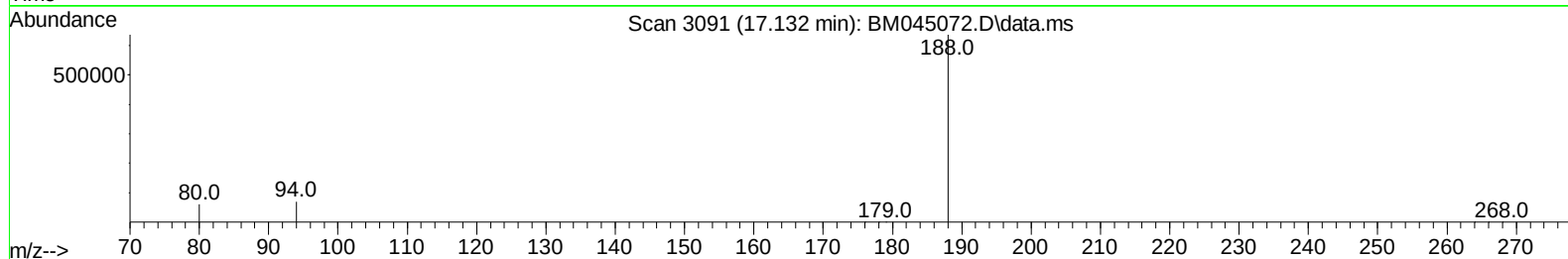
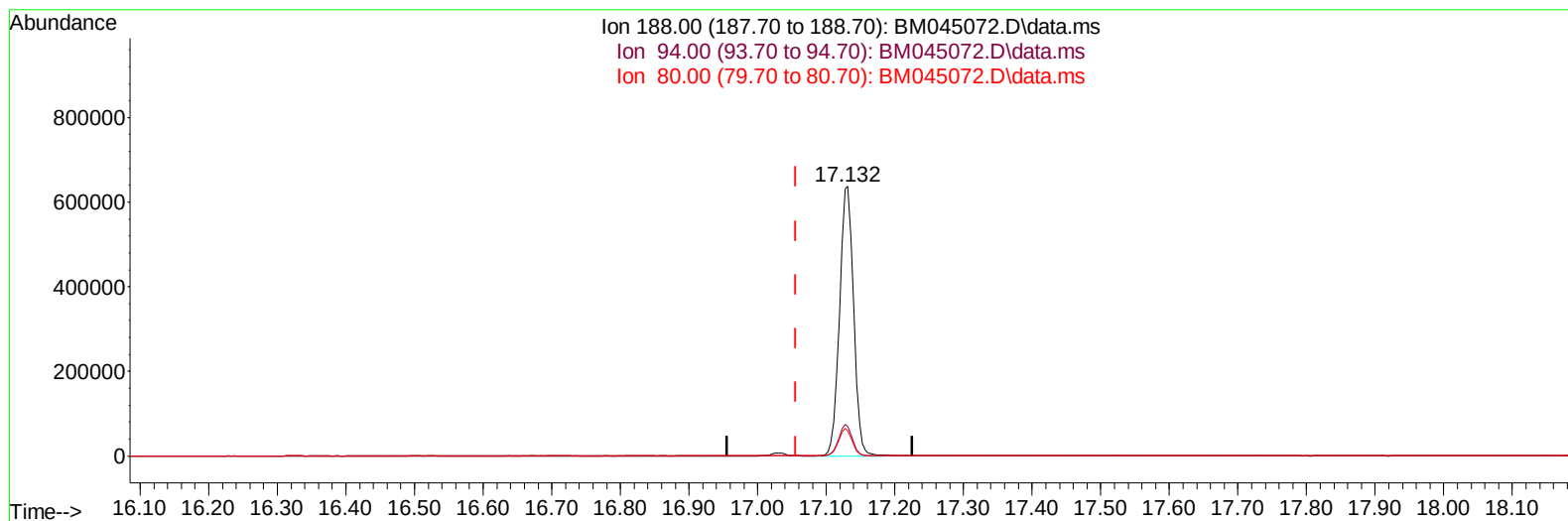
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOMB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 09 02:13:29 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



TIC: BM045072.D\data.ms

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

**17.132min (+ 0.076) 0.40 ng/u1**

**response 901563**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 10.90  |
| 80.00  | 11.80  | 9.40#  |
| 0.00   | 0.00   | 0.00   |

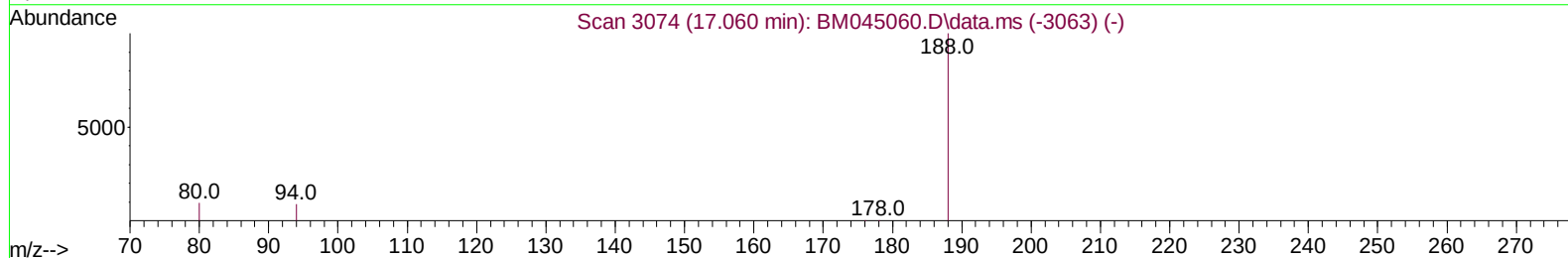
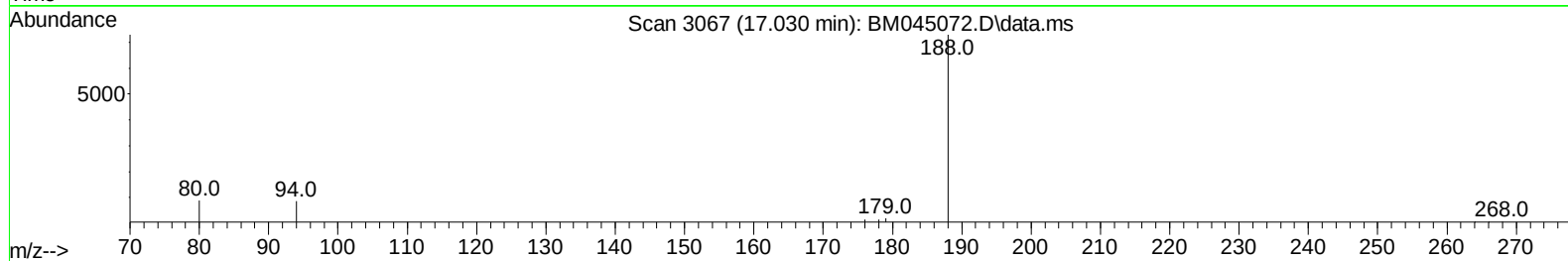
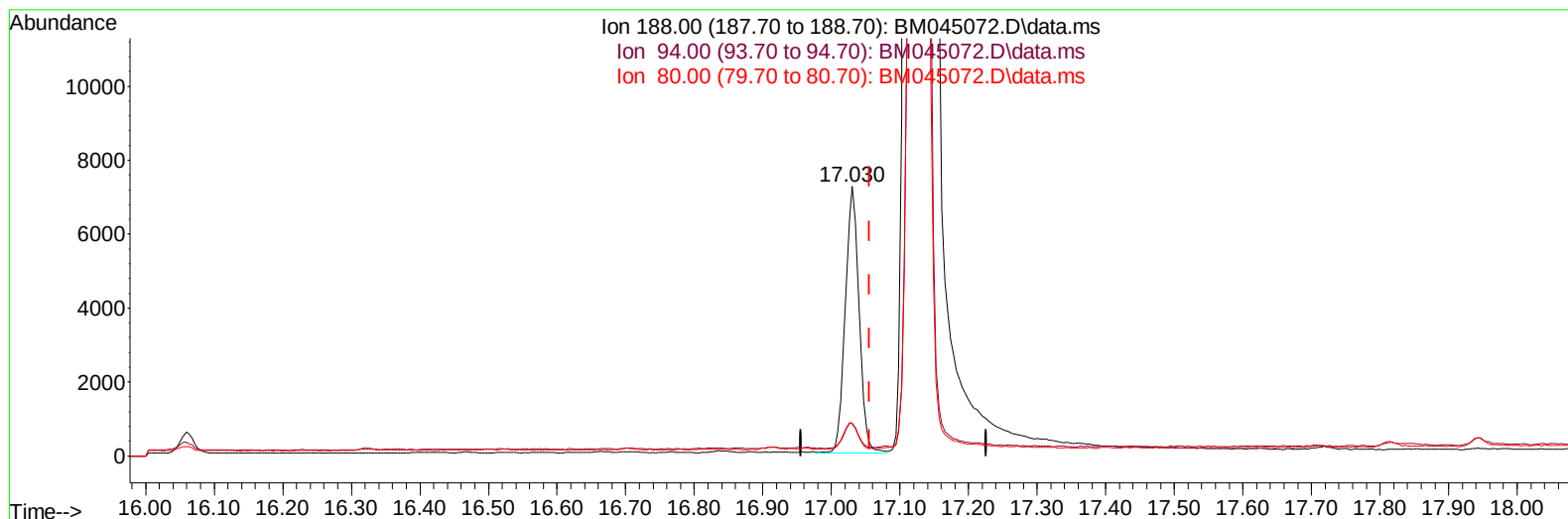
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Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOMB5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/10/2024



TIC: BM045072.D\data.ms

(13) Phenanthrene-d10 (I)

17.030min (-0.025) 0.40 ng/ul m

response 10153

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 11.88  |
| 80.00  | 11.80  | 12.25  |
| 0.00   | 0.00   | 0.00   |

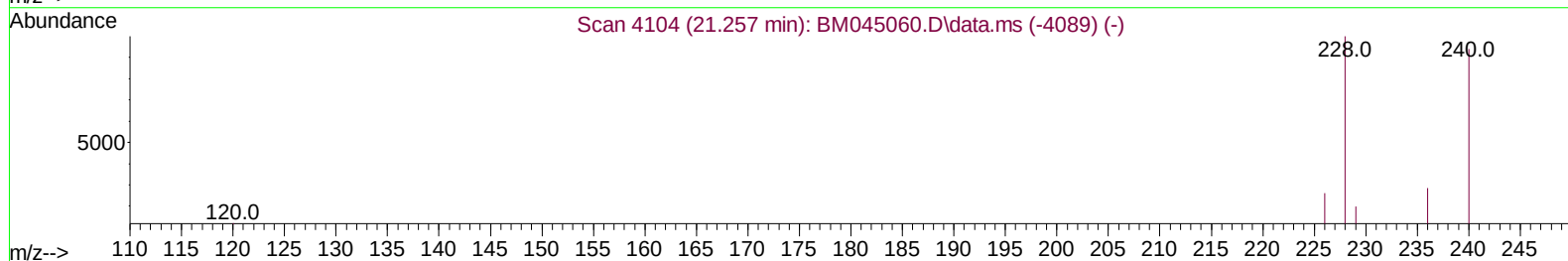
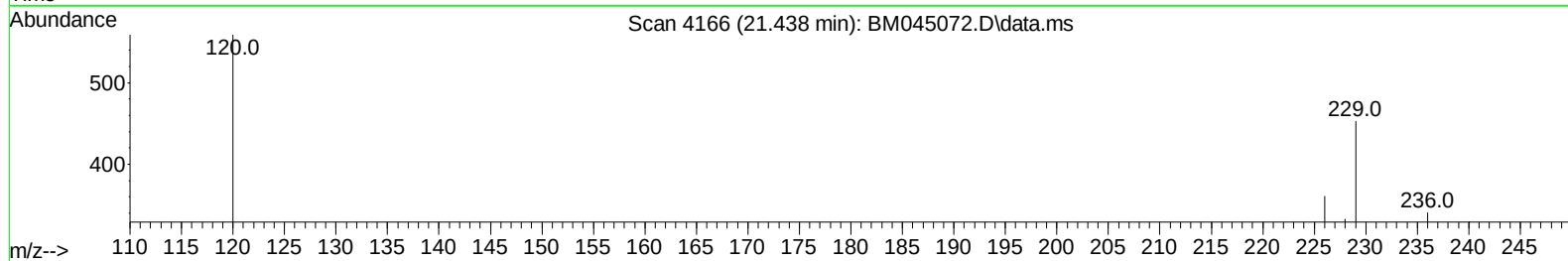
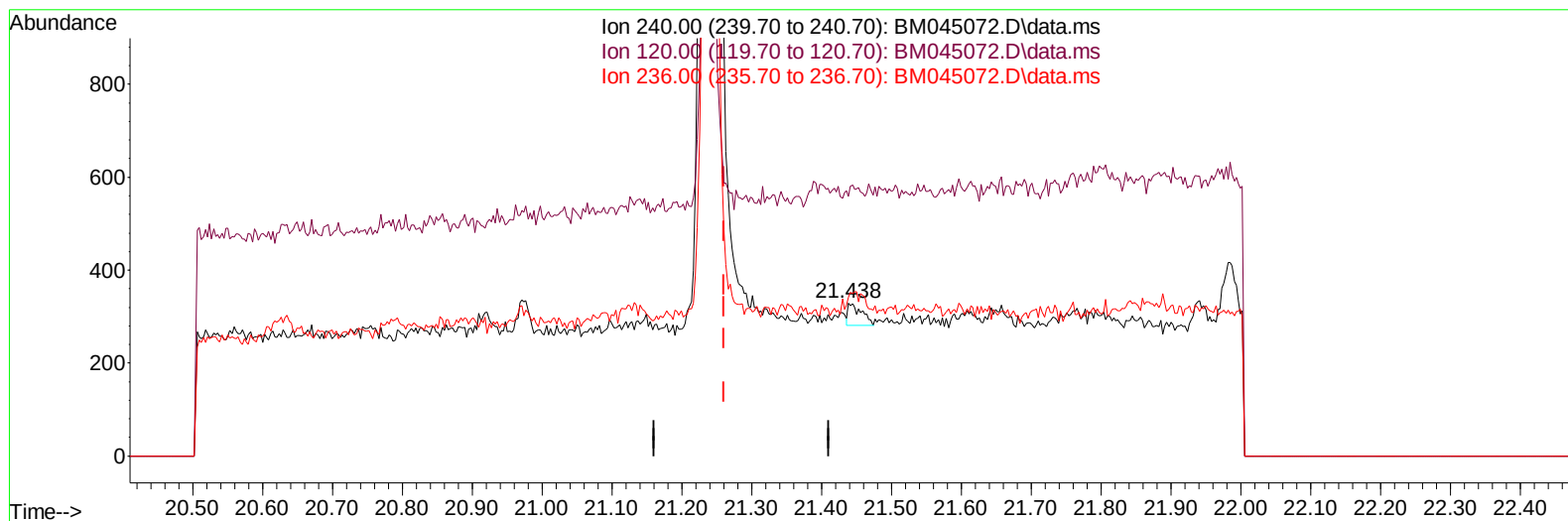
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MB5

## Manual IntegrationsAPPROVED

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TIC: BM045072.D\data.ms

## (17) Chrysene-d12

21.438min (+ 0.178) 0.40 ng/u1

response 64

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 240.00 | 100.00 | 100.00  |
| 120.00 | 16.80  | 169.91# |
| 236.00 | 31.10  | 103.65# |
| 0.00   | 0.00   | 0.00    |

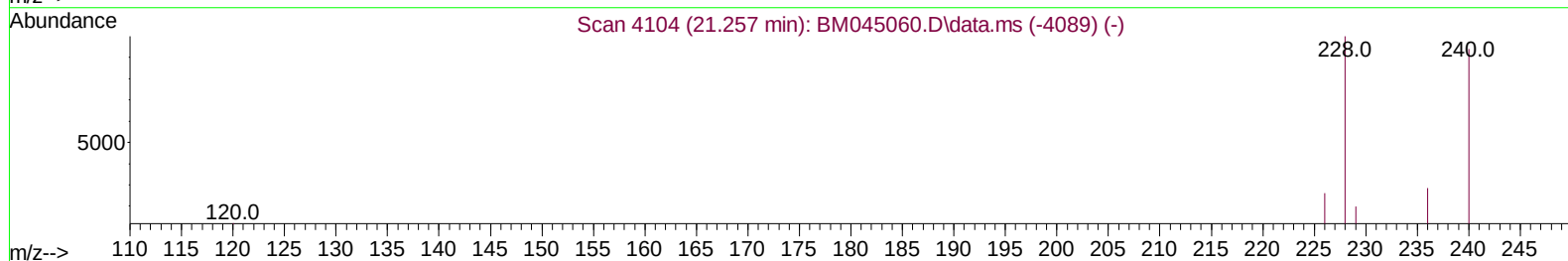
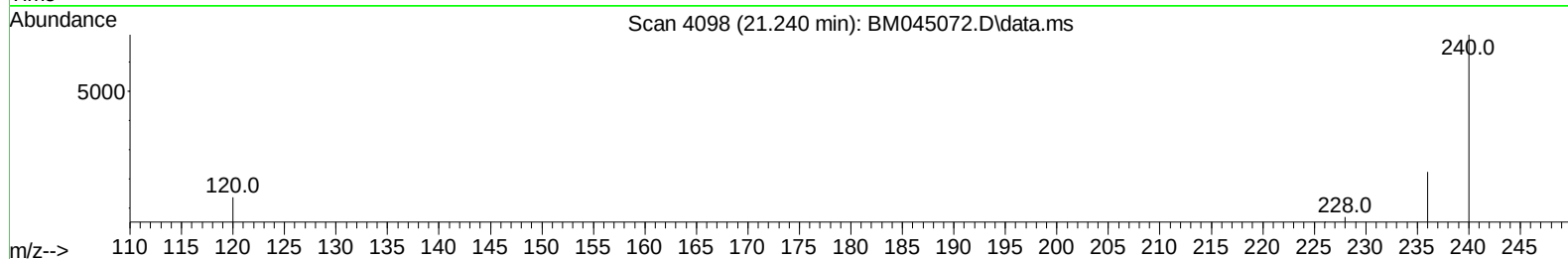
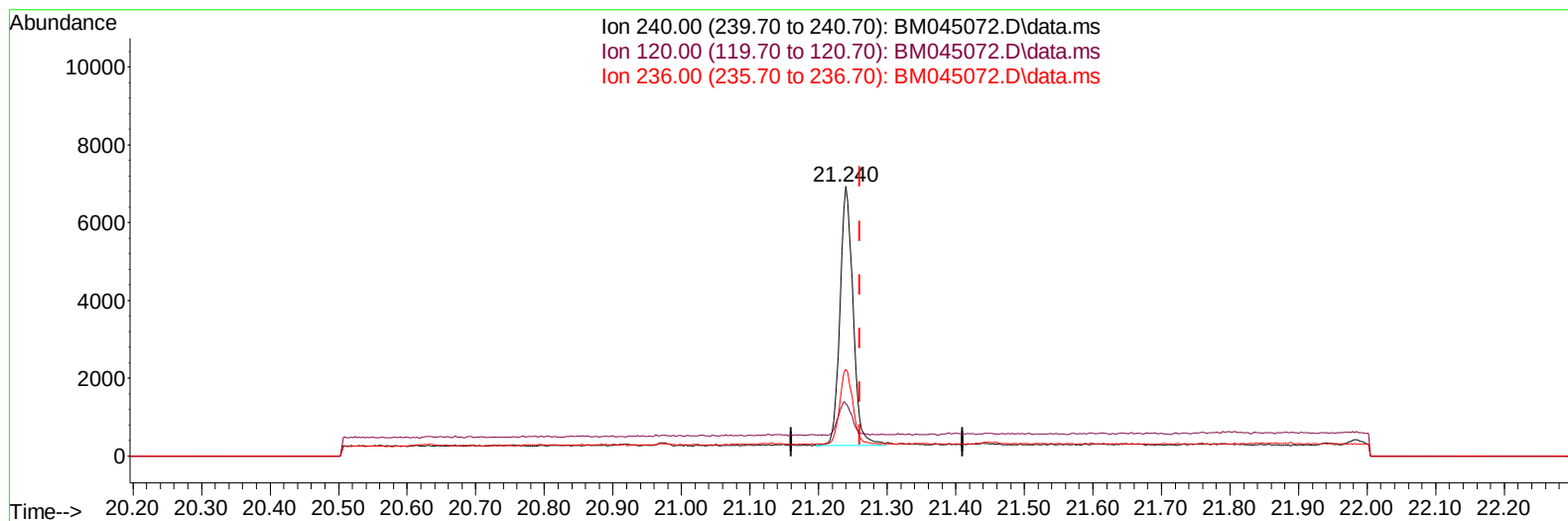
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
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Supervised By :mohammad ahmed 04/10/2024



TIC: BM045072.D\data.ms

(17) Chrysene-d12

21.240min (-0.021) 0.40 ng/ul m

response 8898

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.80  | 19.57  |
| 236.00 | 31.10  | 32.16  |
| 0.00   | 0.00   | 0.00   |

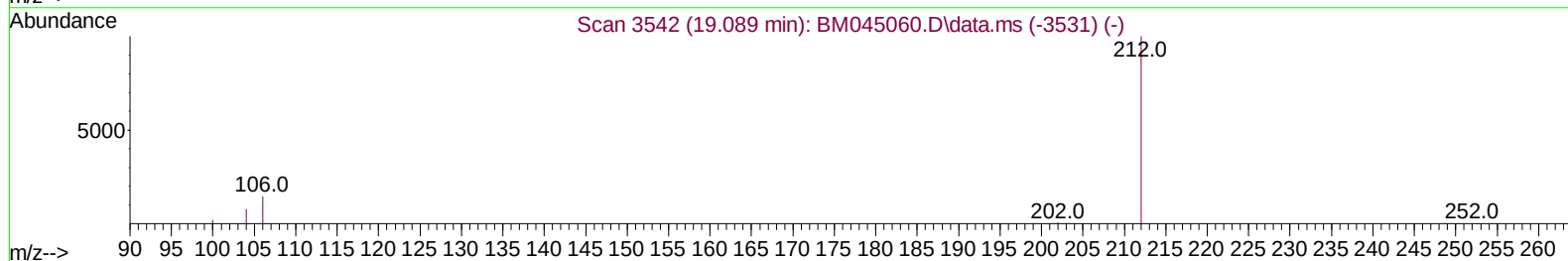
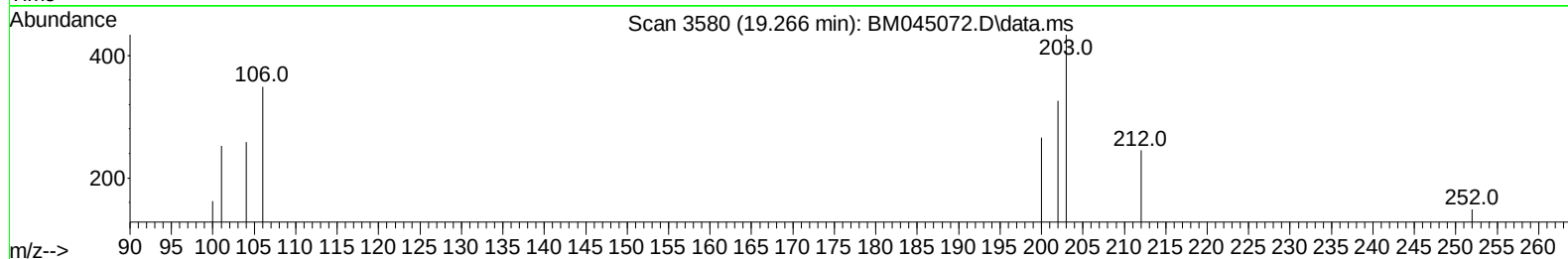
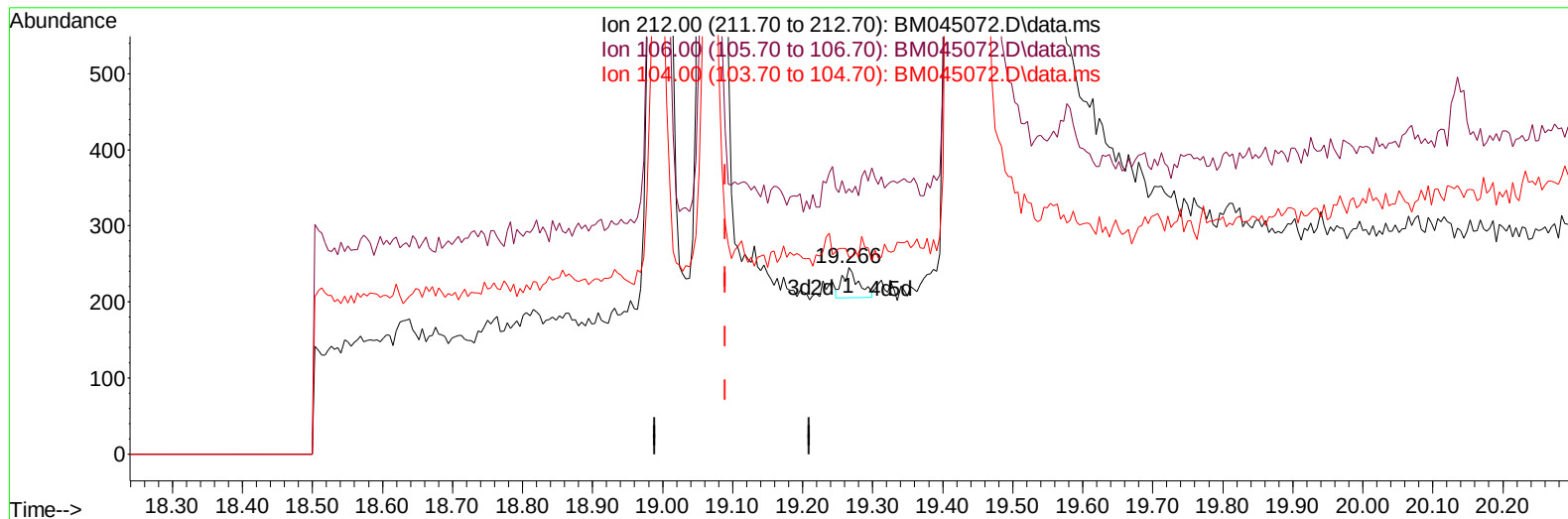
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOMB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 09 02:13:29 2024  
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TIC: BM045072.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.266min (+ 0.176) 0.00 ng/u1

response 62

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 13.90  | 0.00#  |
| 104.00 | 8.60   | 12.90# |
| 0.00   | 0.00   | 0.00   |

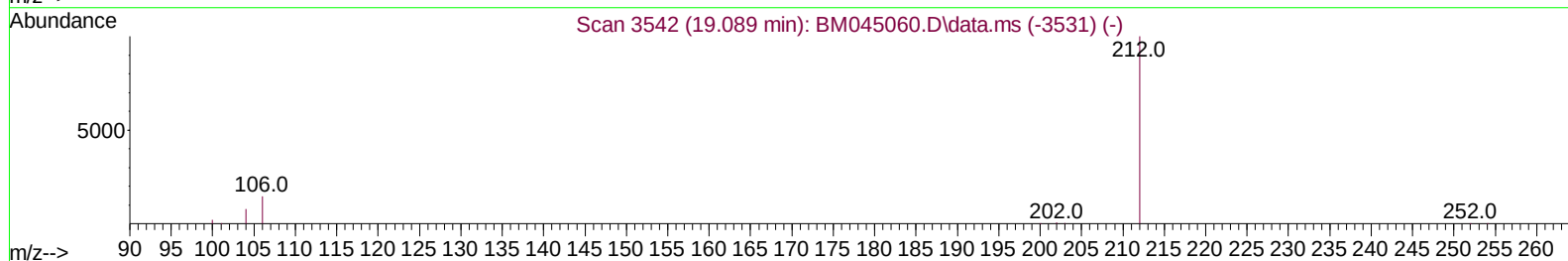
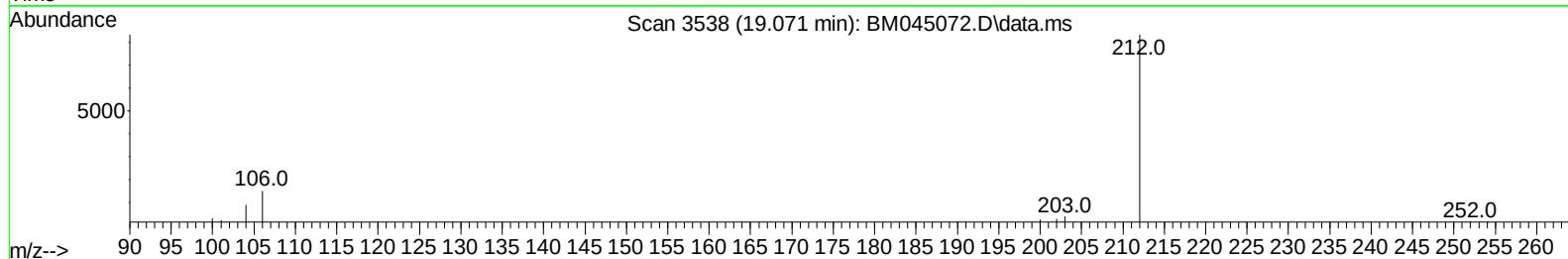
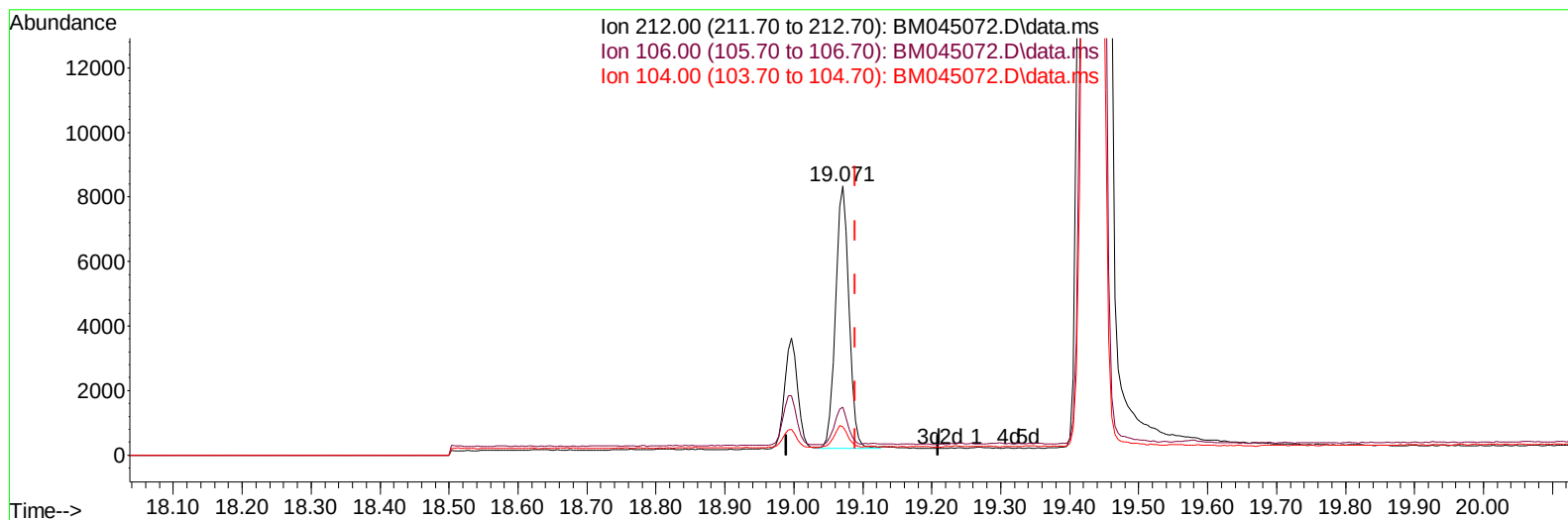
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 09 02:13:29 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



TIC: BM045072.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.071min (-0.019) 0.49 ng/ul m

response 11013

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 13.90  | 0.00#  |
| 104.00 | 8.60   | 0.07#  |
| 0.00   | 0.00   | 0.00   |

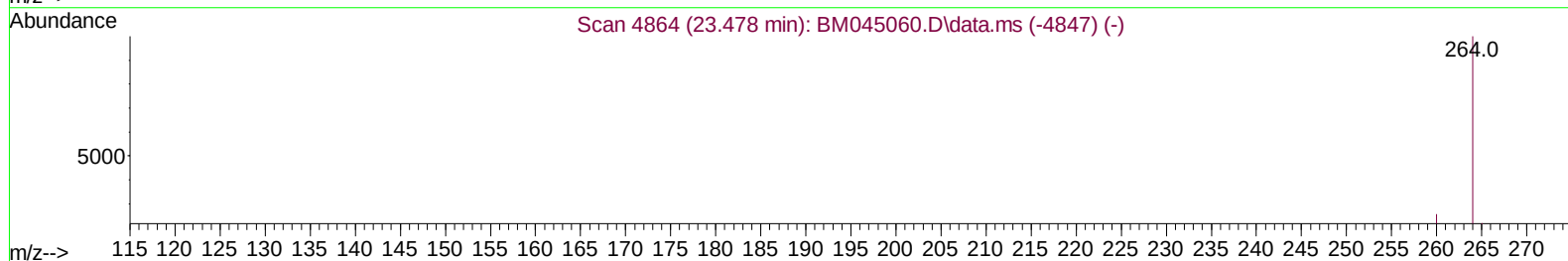
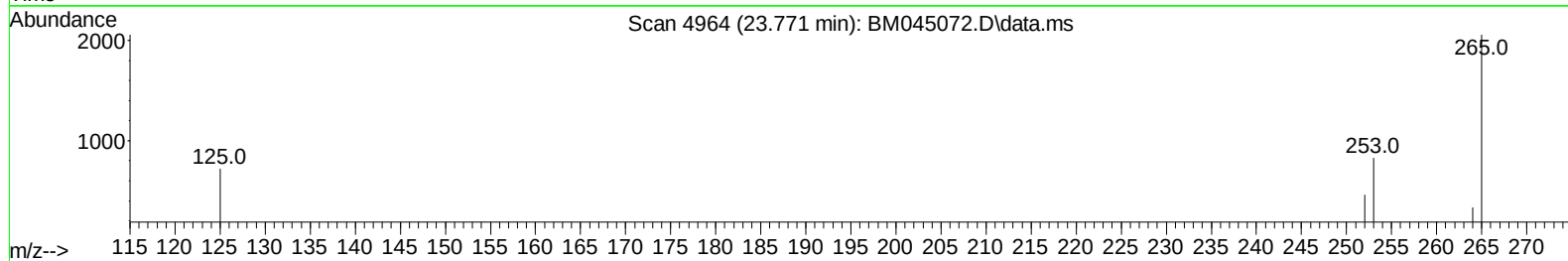
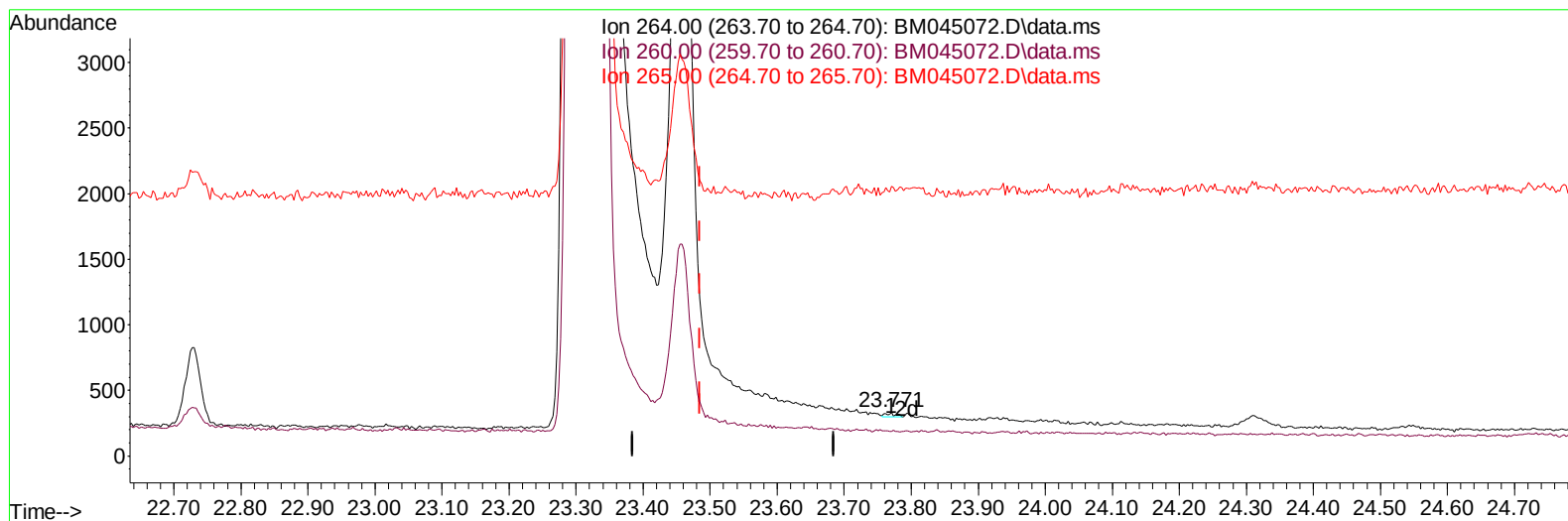
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
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TIC: BM045072.D\data.ms

(23) Perylene-d12 (I)

23.771min (+ 0.286) 0.40 ng/ul

response 32

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100.00 | 100.00  |
| 260.00 | 26.60  | 56.29#  |
| 265.00 | 70.40  | 615.87# |
| 0.00   | 0.00   | 0.00    |

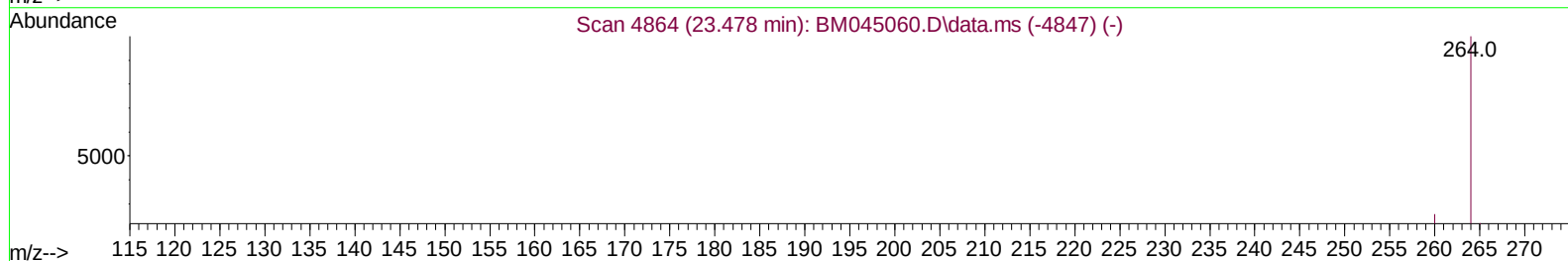
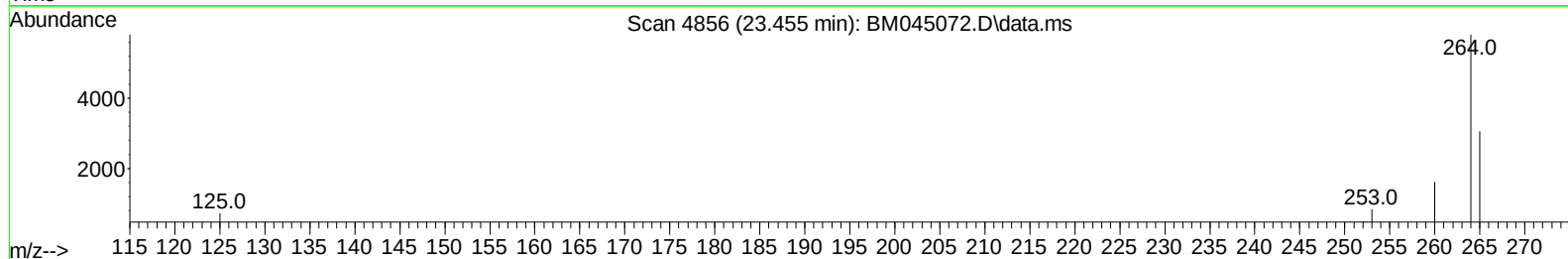
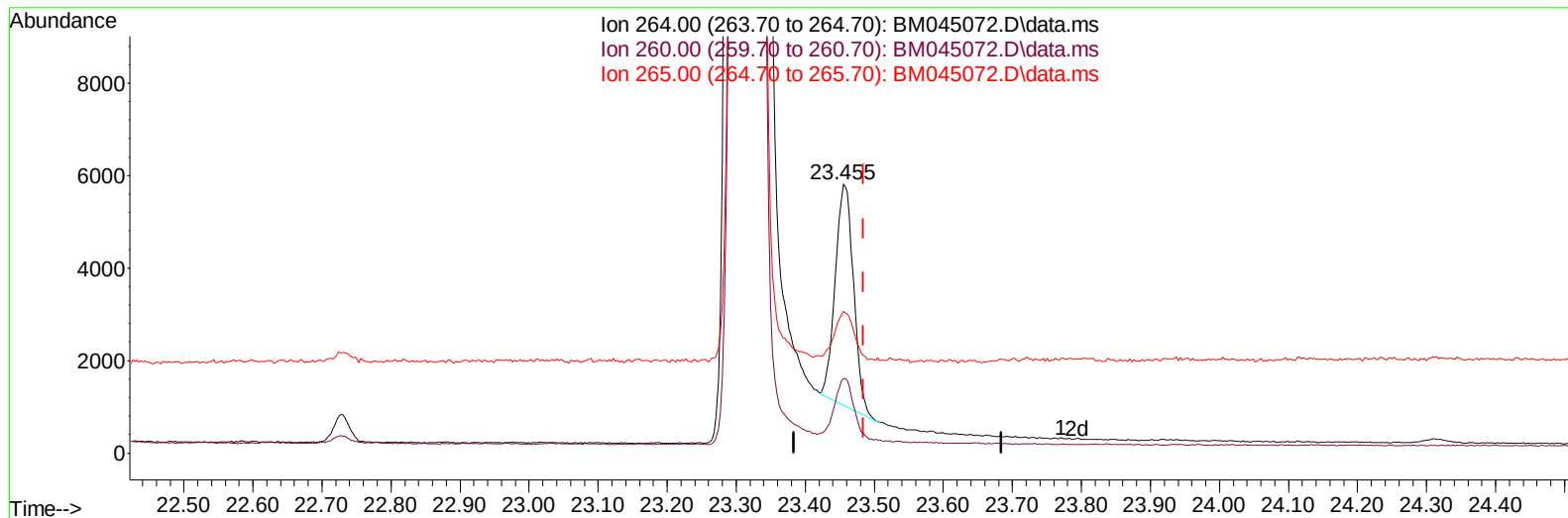
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
Data File : BM045072.D  
Acq On : 09 Apr 2024 10:52  
Operator : MA/JU  
Sample : P2013-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MB5

Manual IntegrationsAPPROVED

Quant Time: Apr 09 12:36:16 2024  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/10/2024  
Supervised By :mohammad ahmed 04/10/2024



TIC: BM045072.D\data.ms

(23) Perylene-d12 (I)

23.455min (-0.029) 0.40 ng/ul m

response 8811

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 27.81  |
| 265.00 | 70.40  | 52.71# |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040824\  
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 Acq On : 09 Apr 2024 10:52  
 Operator : MA/JU  
 Sample : P2013-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E0MB5

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/10/2024

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.627  | 152  | 2318     | 0.400 | ng/ul | -0.03    |
| 4) Naphthalene-d8           | 10.396 | 136  | 7707     | 0.400 | ng/ul | -0.03    |
| 9) Acenaphthene-d10         | 14.270 | 164  | 4209     | 0.400 | ng/ul | -0.02    |
| 13) Phenanthrene-d10        | 17.030 | 188  | 10153m   | 0.400 | ng/ul | -0.03    |
| 17) Chrysene-d12            | 21.240 | 240  | 8898m    | 0.400 | ng/ul | -0.02    |
| 23) Perylene-d12            | 23.455 | 264  | 8811m    | 0.400 | ng/ul | -0.03    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.209  | 96   | 12108    | 3.976 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.997 | 152  | 4354     | 0.417 | ng/ul | -0.04    |
| 18) Fluoranthene-d10        | 19.071 | 212  | 11013m   | 0.490 | ng/ul | -0.02    |

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

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

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