

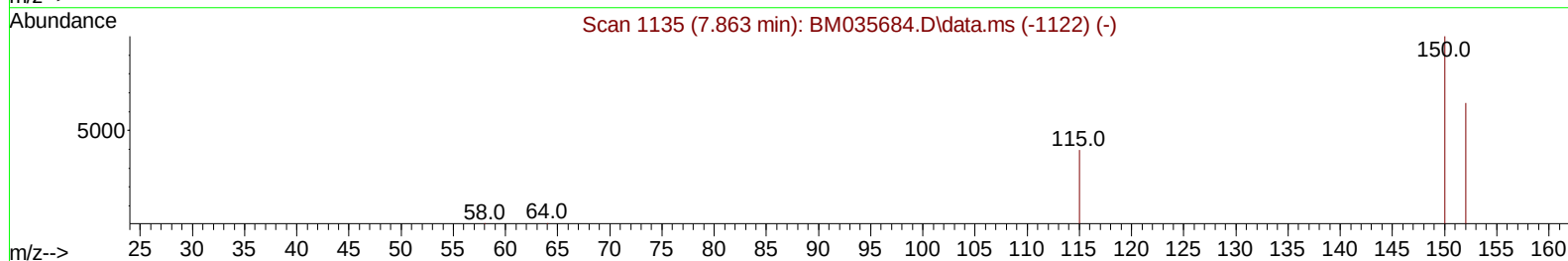
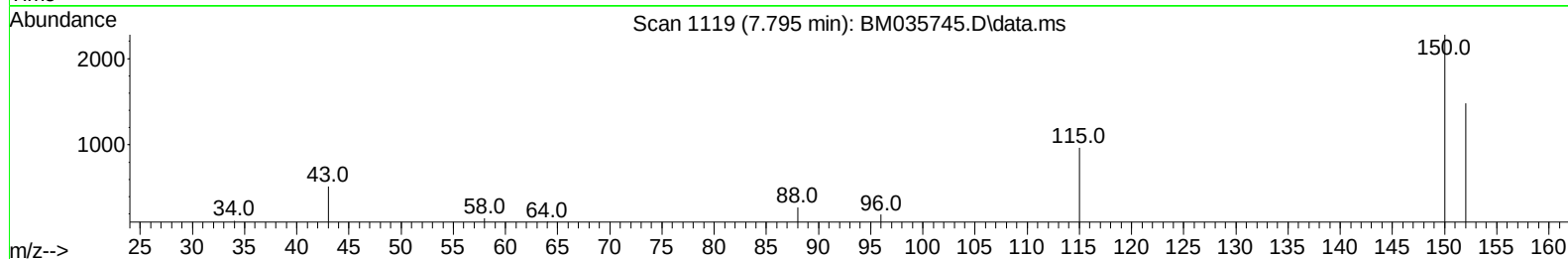
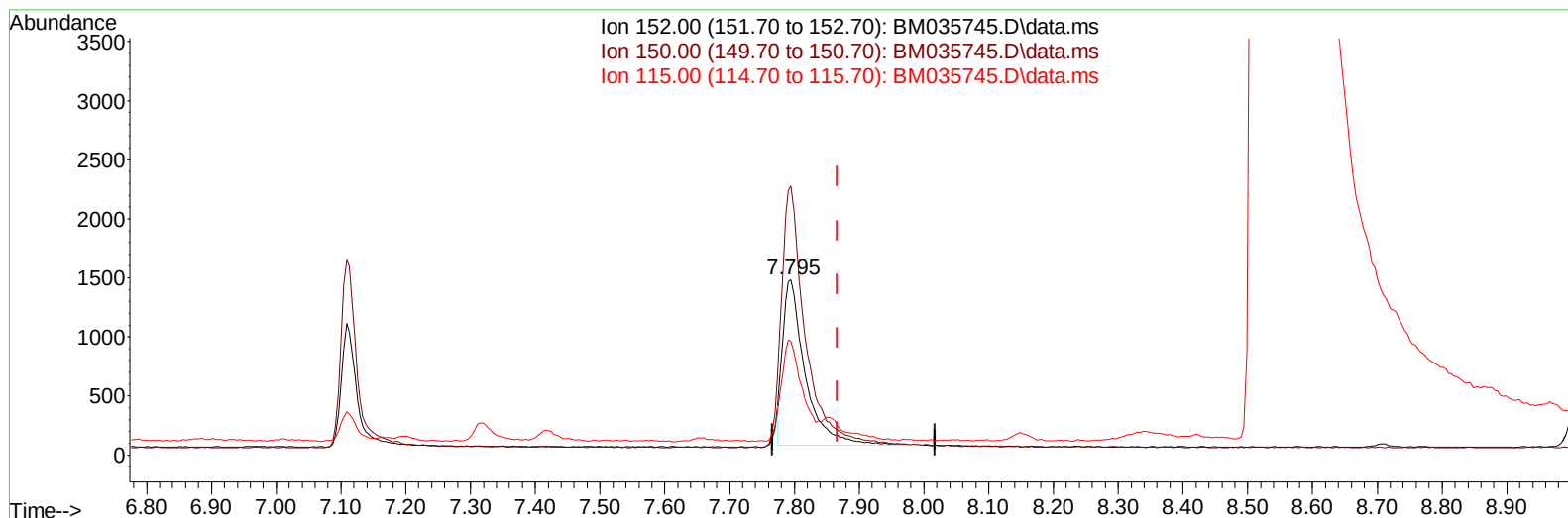
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
Data File : BM035745.D  
Acq On : 29 Jun 2022 04:40  
Operator : CG/JU  
Sample : N3400-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AE9

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022  
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 05:47:23 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 29 05:17:22 2022  
Response via : Initial Calibration



TIC: BM035745.D\data.ms

## (1) 1,4-Dichlorobenzene-d4 (I)

7.795min (-0.072) 0.40 ng/ul

response 3422

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 147.40 | 153.33 |
| 115.00 | 74.40  | 64.85  |
| 0.00   | 0.00   | 0.00   |

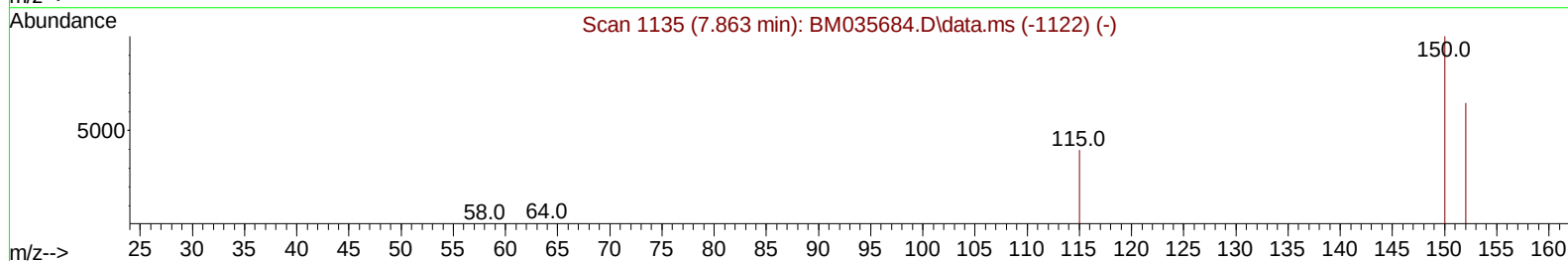
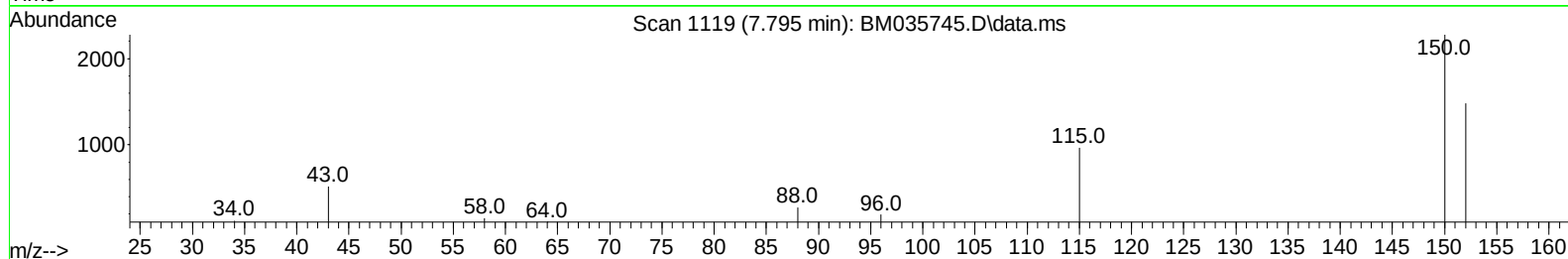
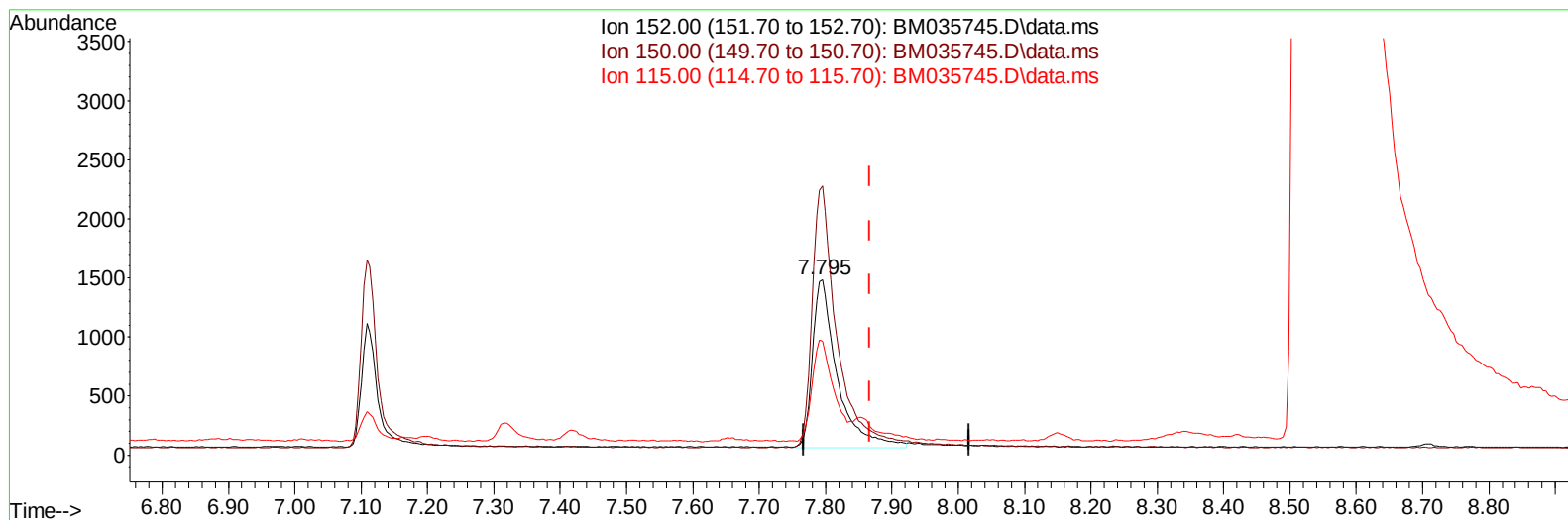
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
Data File : BM035745.D  
Acq On : 29 Jun 2022 04:40  
Operator : CG/JU  
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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AE9

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/01/2022



TIC: BM035745.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.795min (-0.072) 0.40 ng/ul m

response 3717

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 147.40 | 153.33 |
| 115.00 | 74.40  | 64.85  |
| 0.00   | 0.00   | 0.00   |

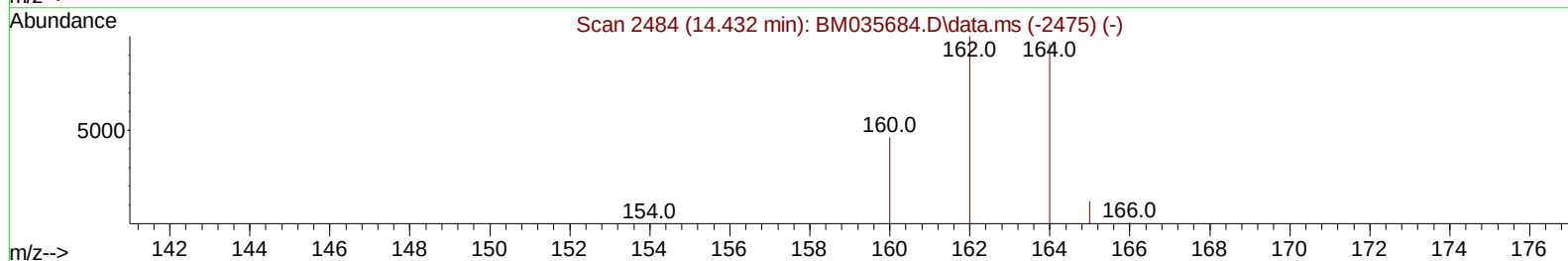
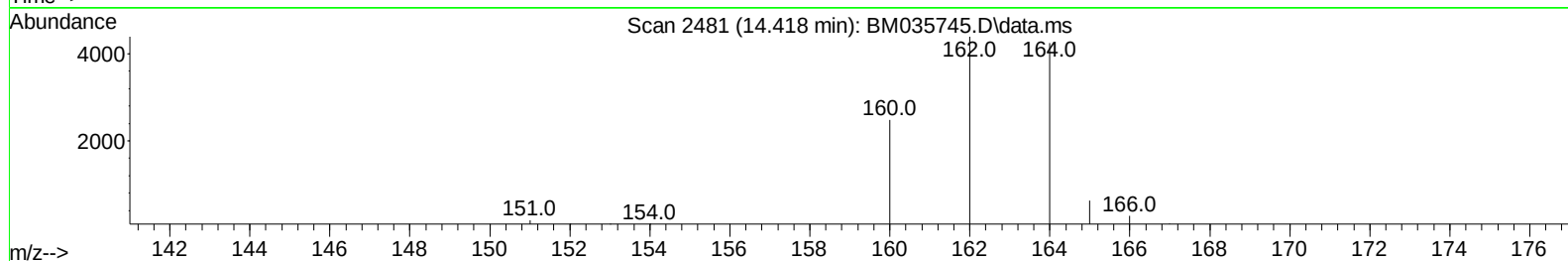
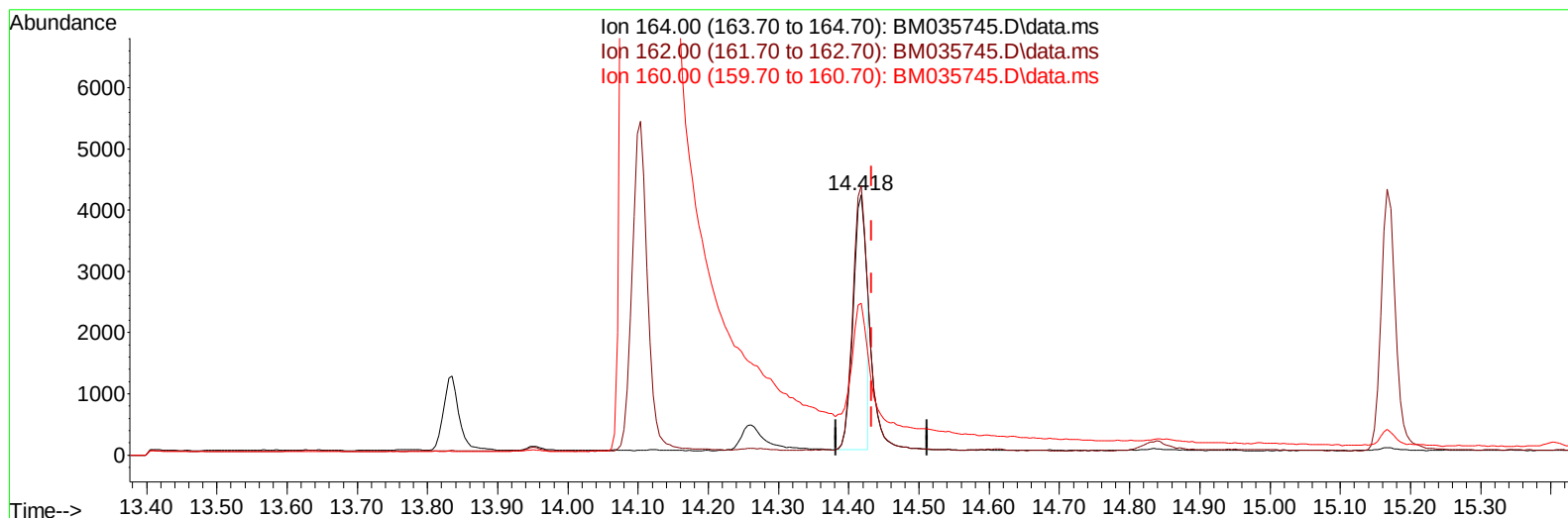
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035745.D  
 Acq On : 29 Jun 2022 04:40  
 Operator : CG/JU  
 Sample : N3400-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE9

Manual IntegrationsAPPROVED

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TIC: BM035745.D\data.ms

**(9) Acenaphthene-d10 (I)**

14.418min (-0.015) 0.40 ng/u1

response 5546

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 104.10 | 103.27 |
| 160.00 | 48.90  | 58.21  |
| 0.00   | 0.00   | 0.00   |

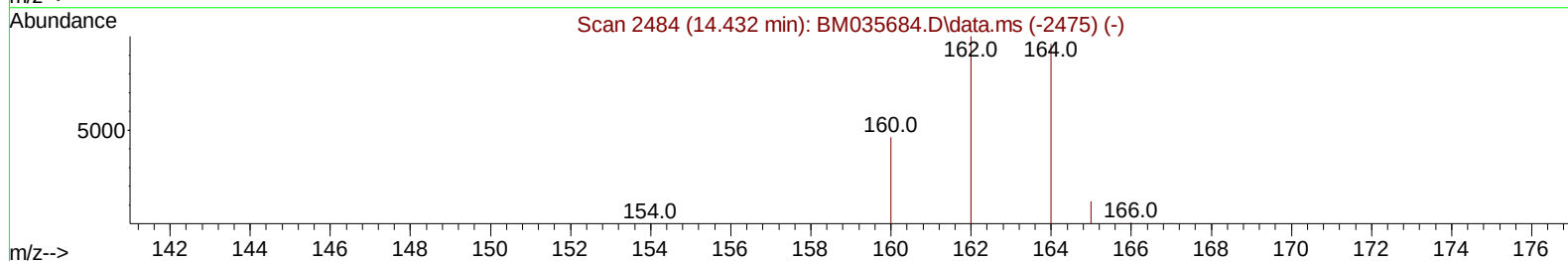
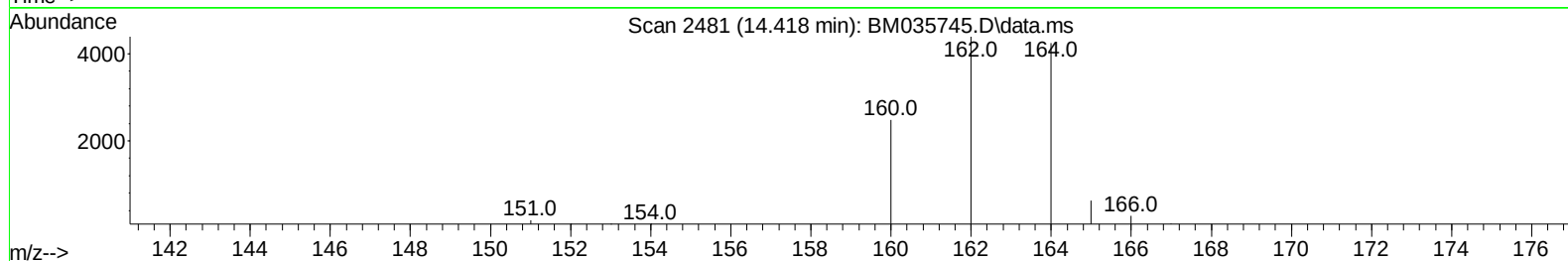
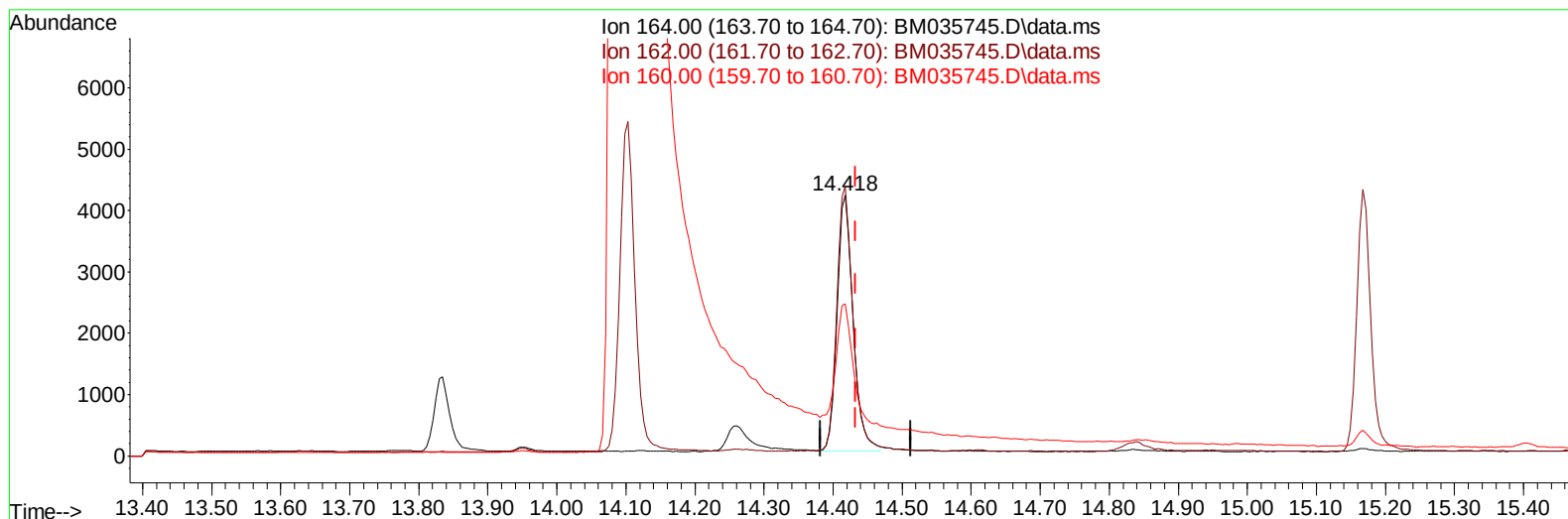
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035745.D  
 Acq On : 29 Jun 2022 04:40  
 Operator : CG/JU  
 Sample : N3400-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE9

Manual IntegrationsAPPROVED

Quant Time: Jun 29 05:47:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062522.M  
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 Supervised By :mohammad ahmed 07/01/2022



TIC: BM035745.D\data.ms

(9) Acenaphthene-d10 (I)

14.418min (-0.015) 0.40 ng/ul m

response 6730

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 104.10 | 103.27 |
| 160.00 | 48.90  | 58.21  |
| 0.00   | 0.00   | 0.00   |

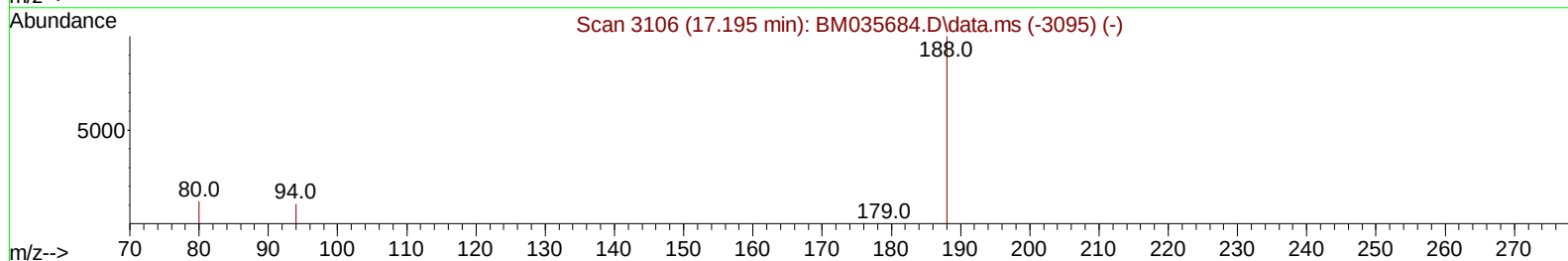
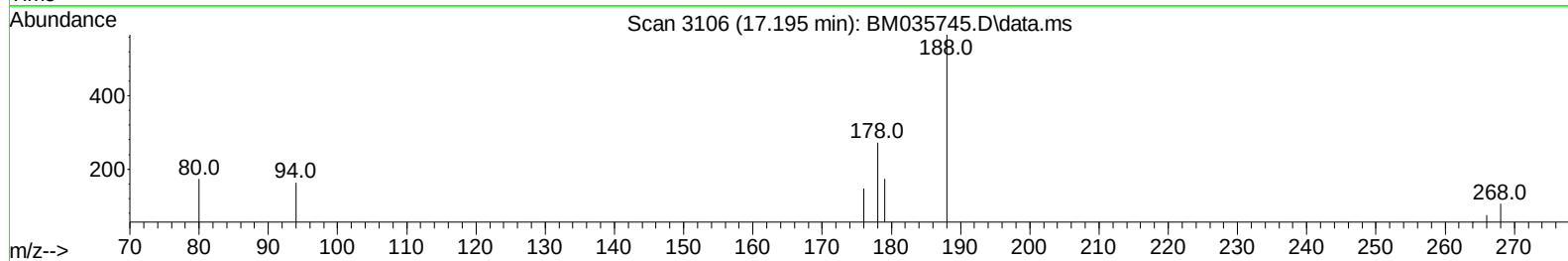
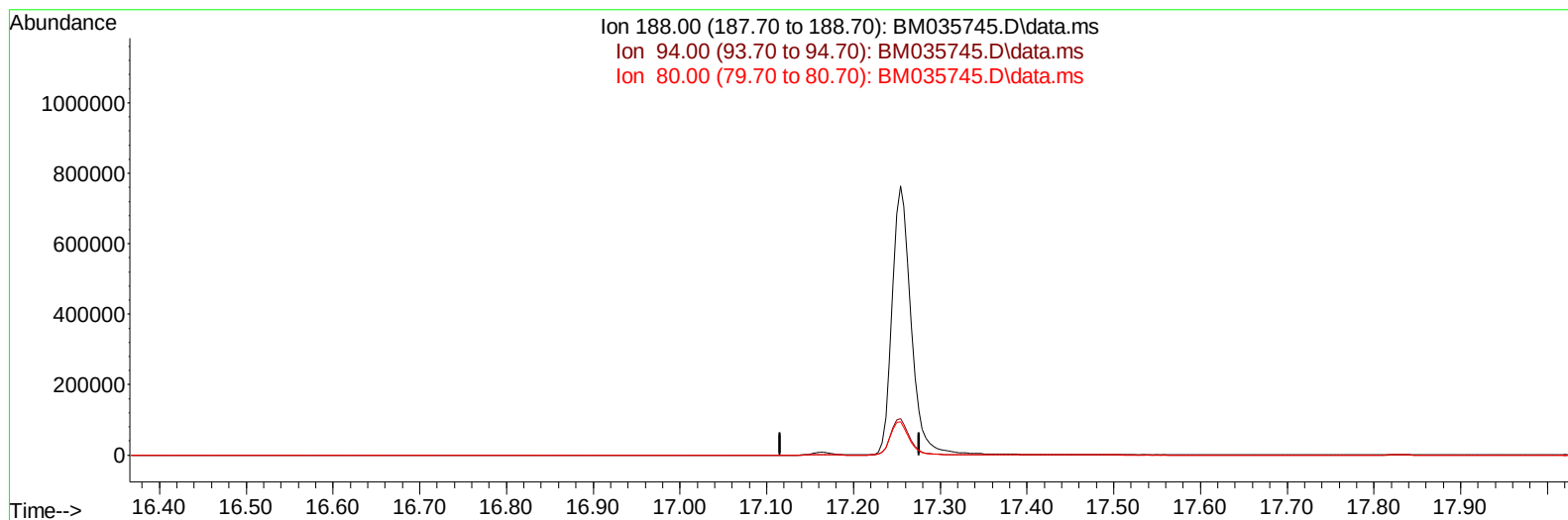
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035745.D  
 Acq On : 29 Jun 2022 04:40  
 Operator : CG/JU  
 Sample : N3400-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE9

Manual IntegrationsAPPROVED

Quant Time: Jun 29 05:47:23 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 05:17:22 2022  
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Reviewed By :Jagrut Upadhyay 06/29/2022  
 Supervised By :mohammad ahmed 07/01/2022



TIC: BM035745.D\data.ms

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

17.196min (-17.196) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 11.40  | 0.00# |
| 80.00  | 12.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

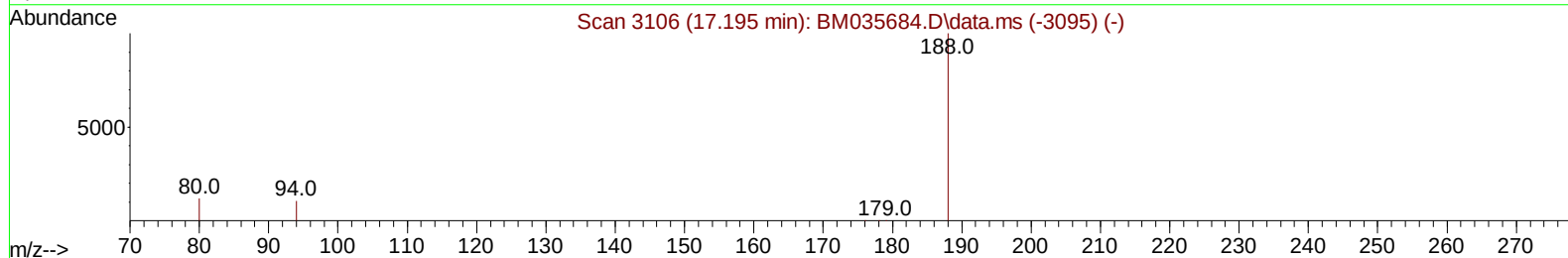
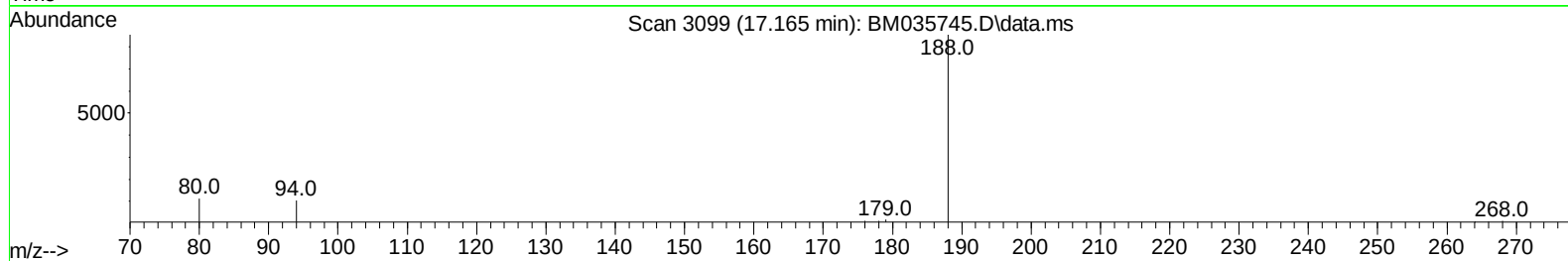
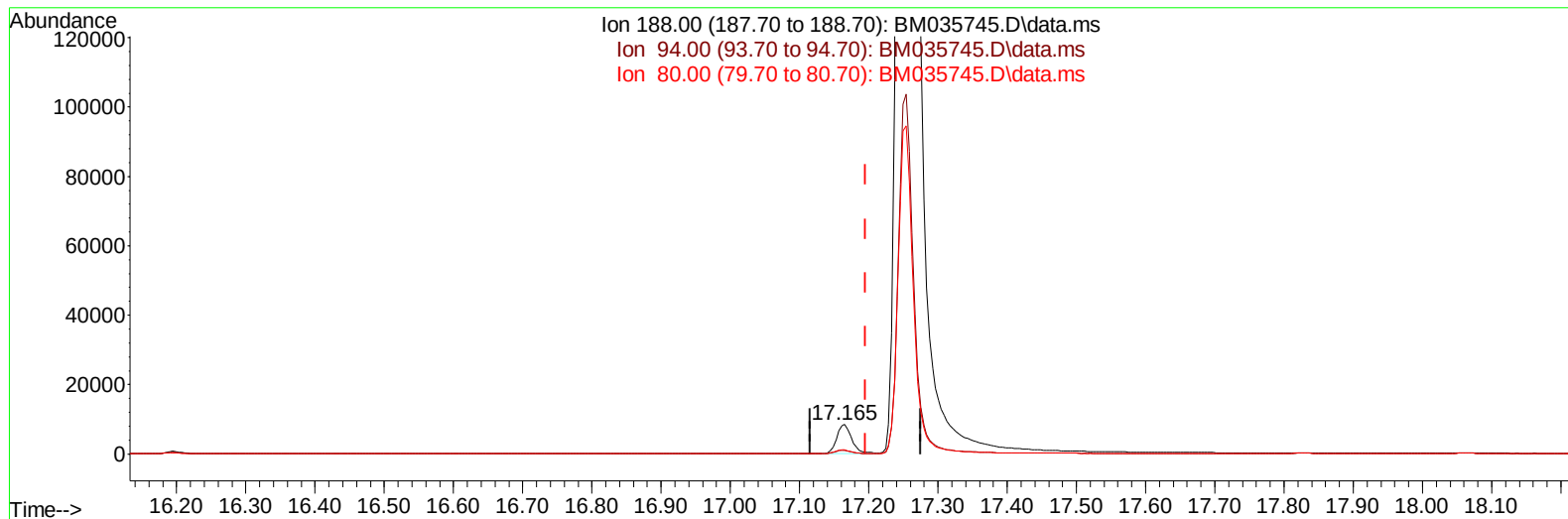
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035745.D  
 Acq On : 29 Jun 2022 04:40  
 Operator : CG/JU  
 Sample : N3400-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE9

Manual IntegrationsAPPROVED

Quant Time: Jun 29 05:47:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 05:17:22 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/29/2022  
 Supervised By :mohammad ahmed 07/01/2022



TIC: BM035745.D\data.ms

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

**17.165min (-0.030) 0.40 ng/ul m**

**response 12893**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.40  | 12.24  |
| 80.00  | 12.70  | 13.13  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035745.D  
 Acq On : 29 Jun 2022 04:40  
 Operator : CG/JU  
 Sample : N3400-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AE9

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022  
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 05:47:23 2022  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.795  | 152 |     | 3717m    | 0.400 | ng/ul  | -0.07    |
| 4) Naphthalene-d8           | 10.572 | 136 |     | 11103    | 0.400 | ng/ul  | -0.05    |
| 9) Acenaphthene-d10         | 14.418 | 164 |     | 6730m    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.165 | 188 |     | 12893m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.371 | 240 |     | 11329    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.683 | 264 |     | 14267    | 0.400 | ng/ul  | #-0.01   |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.209  | 96  |     | 25604    | 5.076 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.195 | 152 |     | 6010     | 0.346 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.201 | 212 |     | 13999    | 0.367 | ng/ul  | -0.01    |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.622 | 128 |     | 2175     | 0.064 | ng/ul# | 79       |
| 7) 2-Methylnaphthalene      | 12.277 | 142 |     | 503      | 0.024 | ng/ul  | 86       |
| -----                       |        |     |     |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
Data File : BM035745.D  
Acq On : 29 Jun 2022 04:40  
Operator : CG/JU  
Sample : N3400-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AE9

Manual IntegrationsAPPROVED

Quant Time: Jun 29 05:47:23 2022  
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