

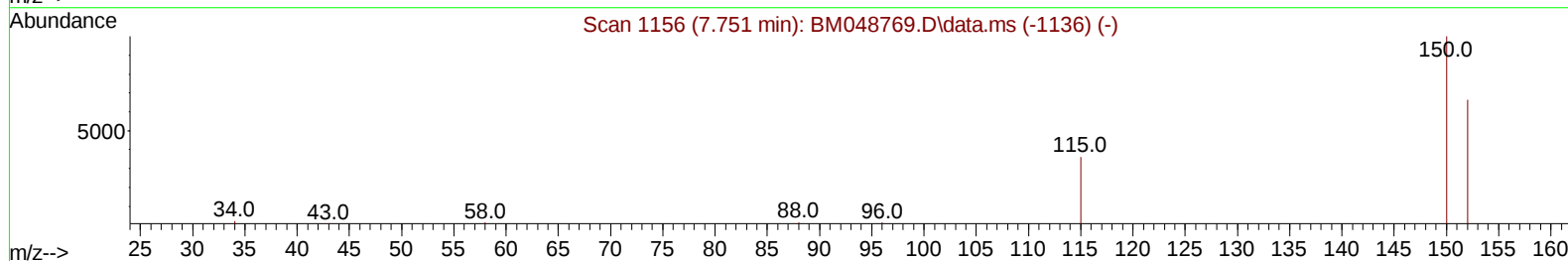
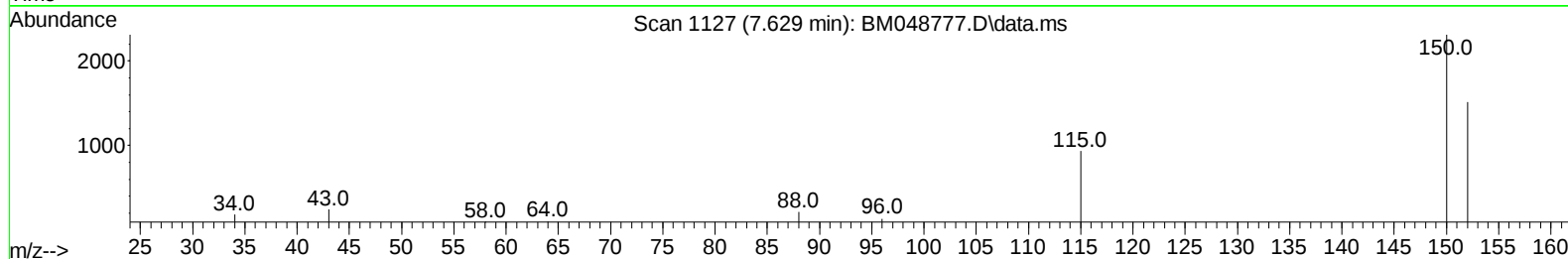
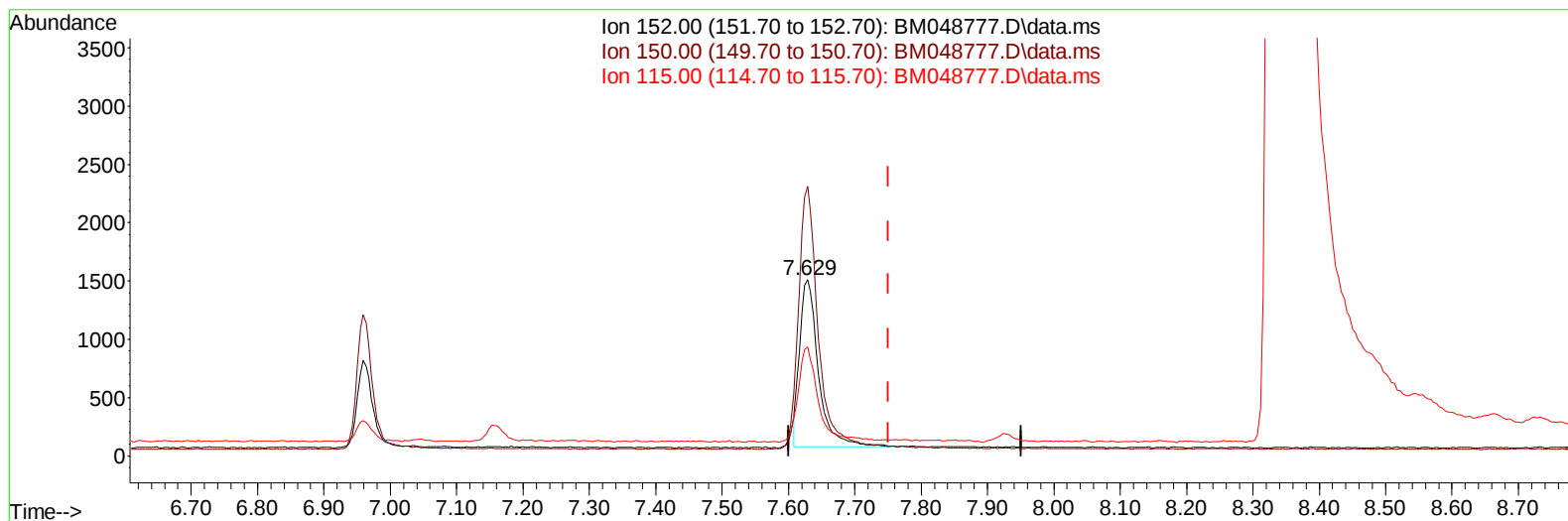
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
Acq On : 18 Nov 2024 15:26  
Operator : RC/JU  
Sample : P4829-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 15:58:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 18 11:56:05 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/20/2024



TIC: BM048777.D\data.ms

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

7.629min (-0.122) 0.40 ng/u1

response 2826

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 151.00 | 152.64 |
| 115.00 | 65.50  | 61.76  |
| 0.00   | 0.00   | 0.00   |

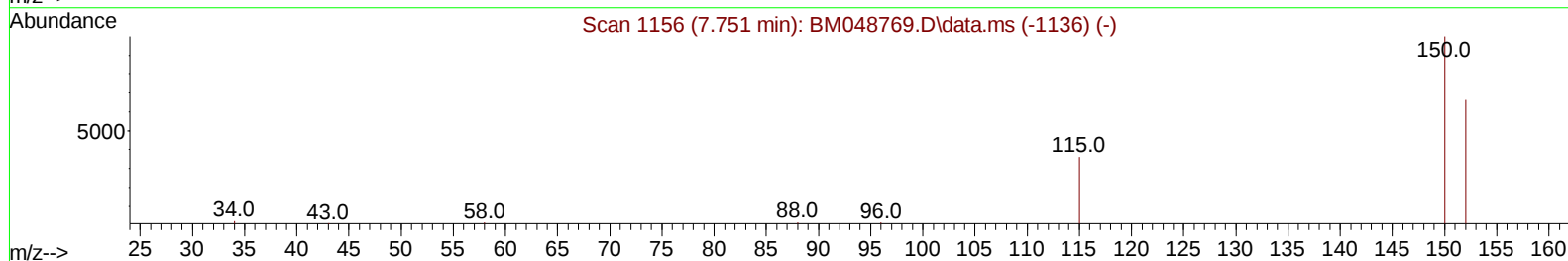
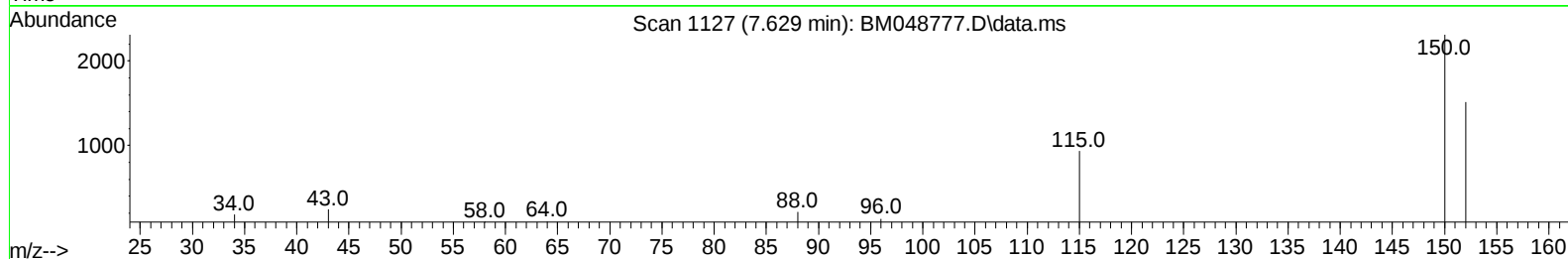
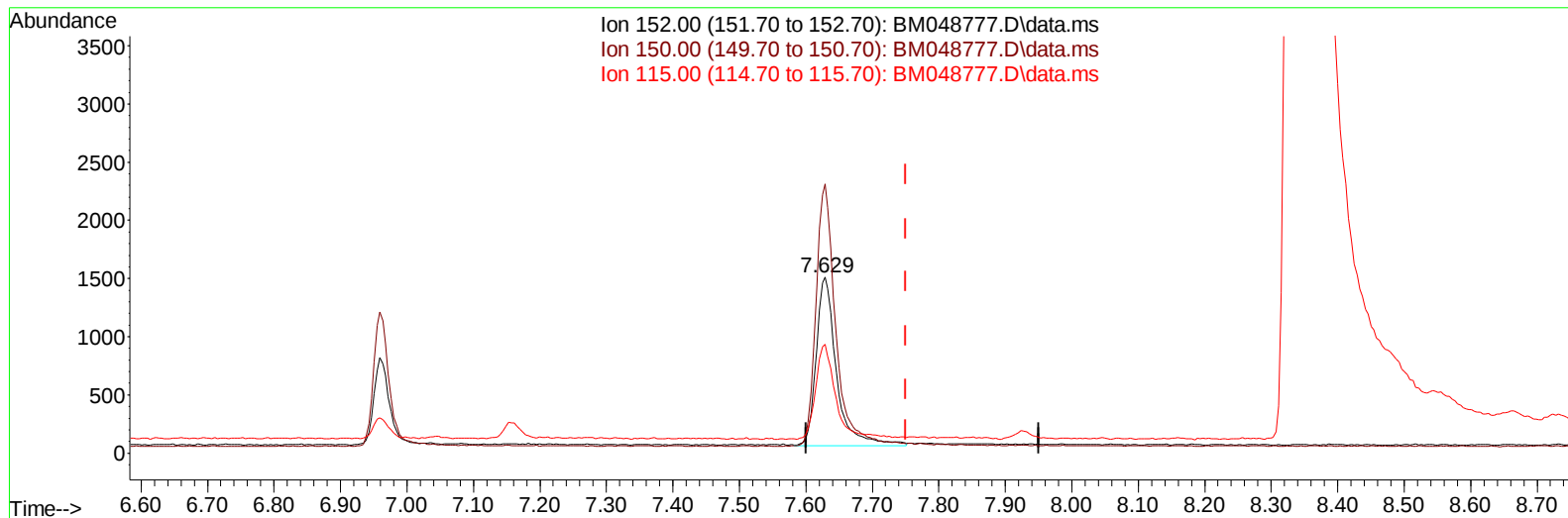
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
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Operator : RC/JU  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 15:58:57 2024  
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Reviewed By :Yogesh Patel 11/19/2024  
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TIC: BM048777.D\data.ms

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

7.629min (-0.122) 0.40 ng/ul m

response 3084

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 151.00 | 152.64 |
| 115.00 | 65.50  | 61.76  |
| 0.00   | 0.00   | 0.00   |

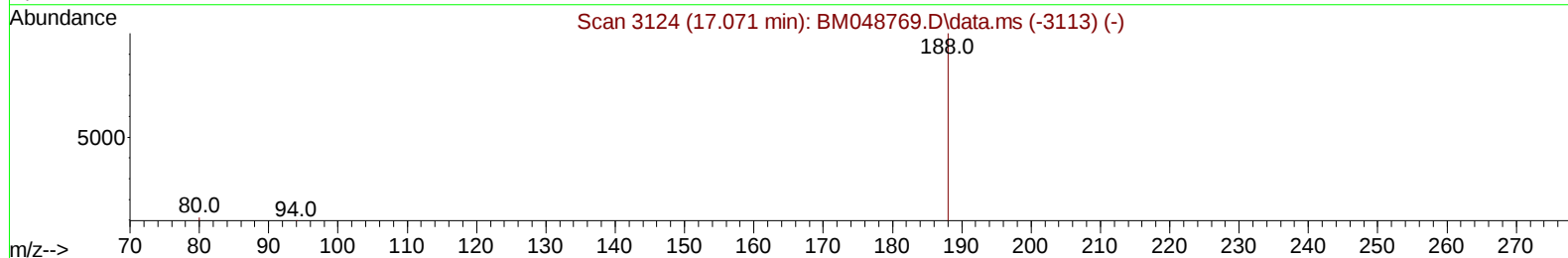
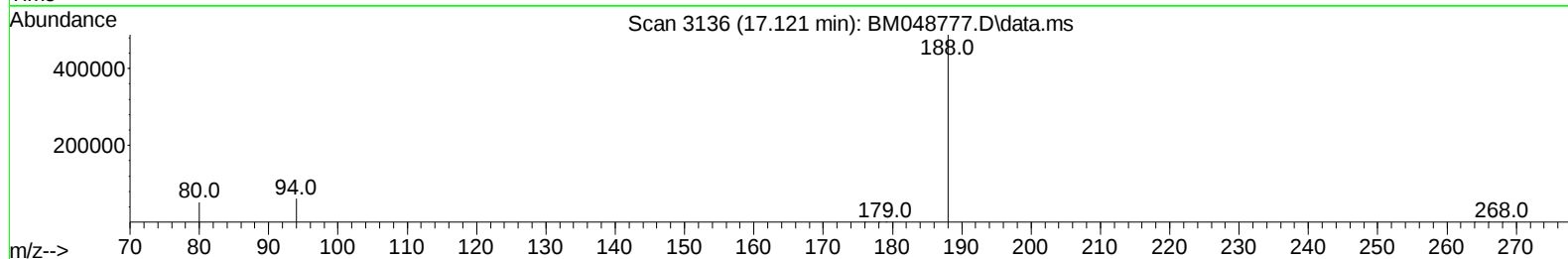
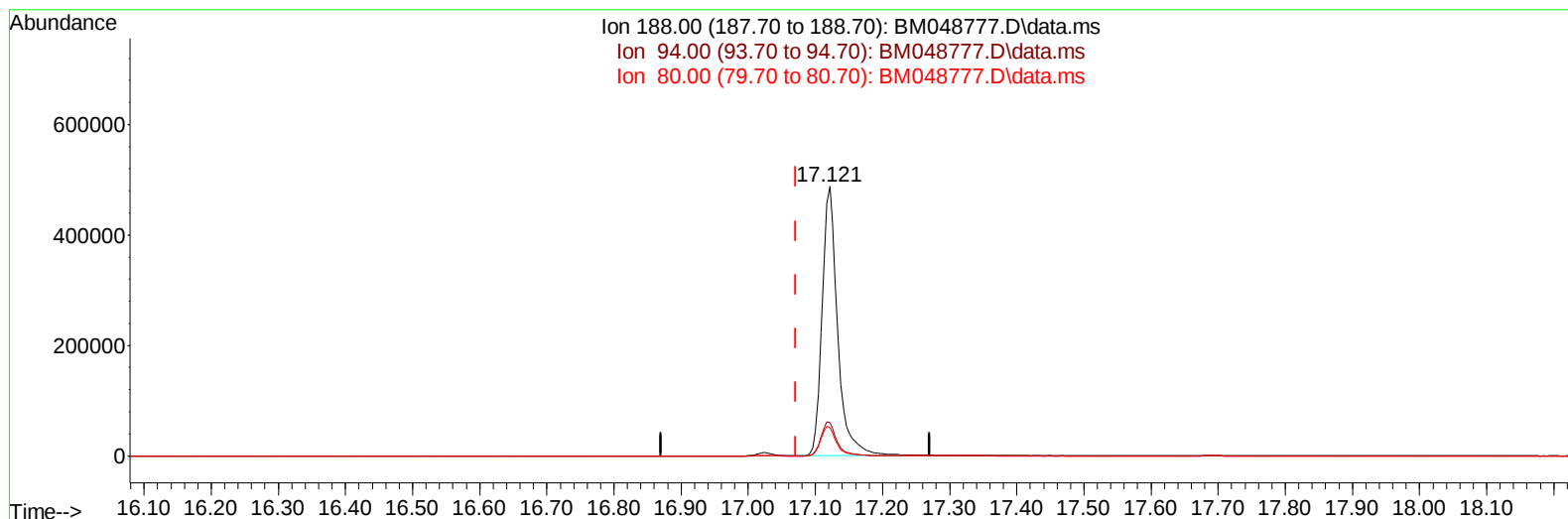
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
Acq On : 18 Nov 2024 15:26  
Operator : RC/JU  
Sample : P4829-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

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TIC: BM048777.D\data.ms

(13) Phenanthrene-d10 (I)

17.121min (+ 0.051) 0.40 ng/u1

response 792222

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 12.44  |
| 80.00  | 12.60  | 10.60  |
| 0.00   | 0.00   | 0.00   |

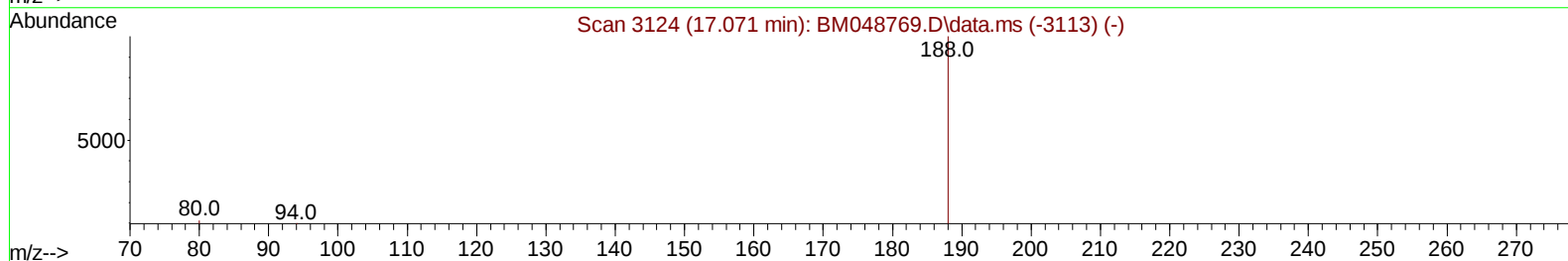
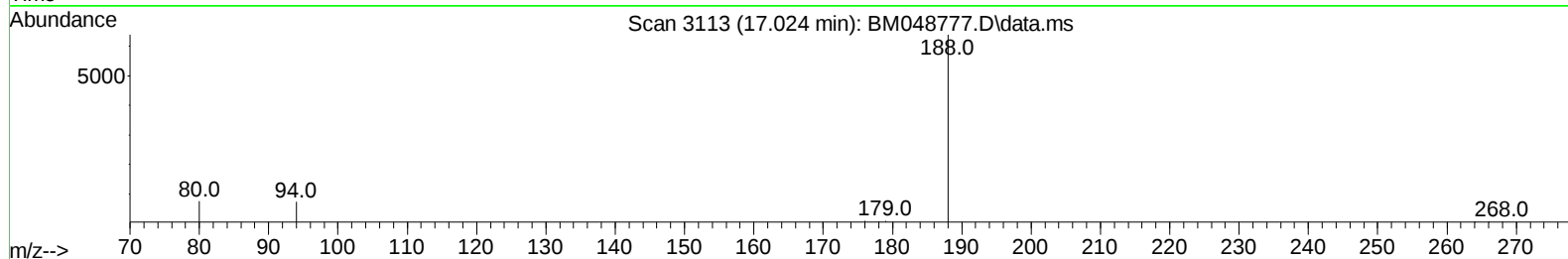
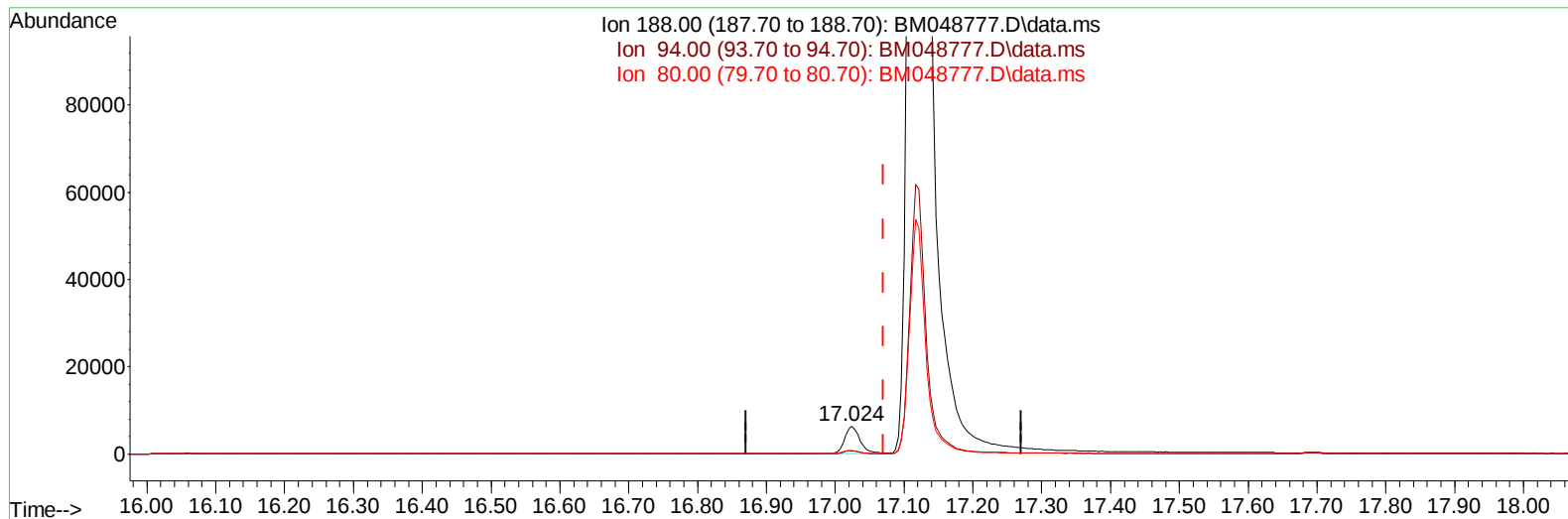
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
Acq On : 18 Nov 2024 15:26  
Operator : RC/JU  
Sample : P4829-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 15:58:57 2024  
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TIC: BM048777.D\data.ms

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

17.024min (-0.047) 0.40 ng/u1 m

response 9669

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 11.45  |
| 80.00  | 12.60  | 11.81  |
| 0.00   | 0.00   | 0.00   |

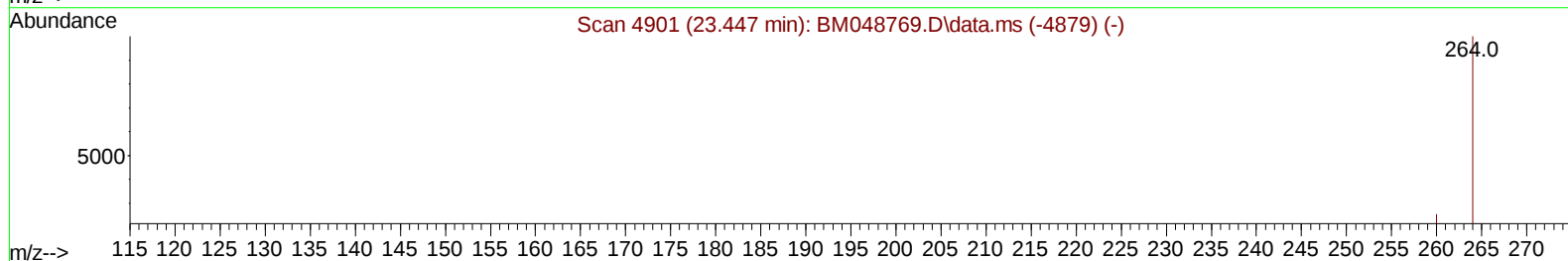
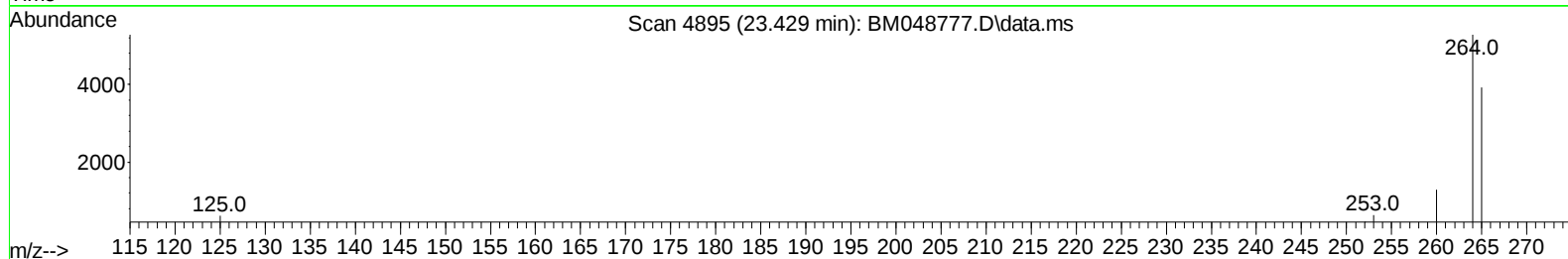
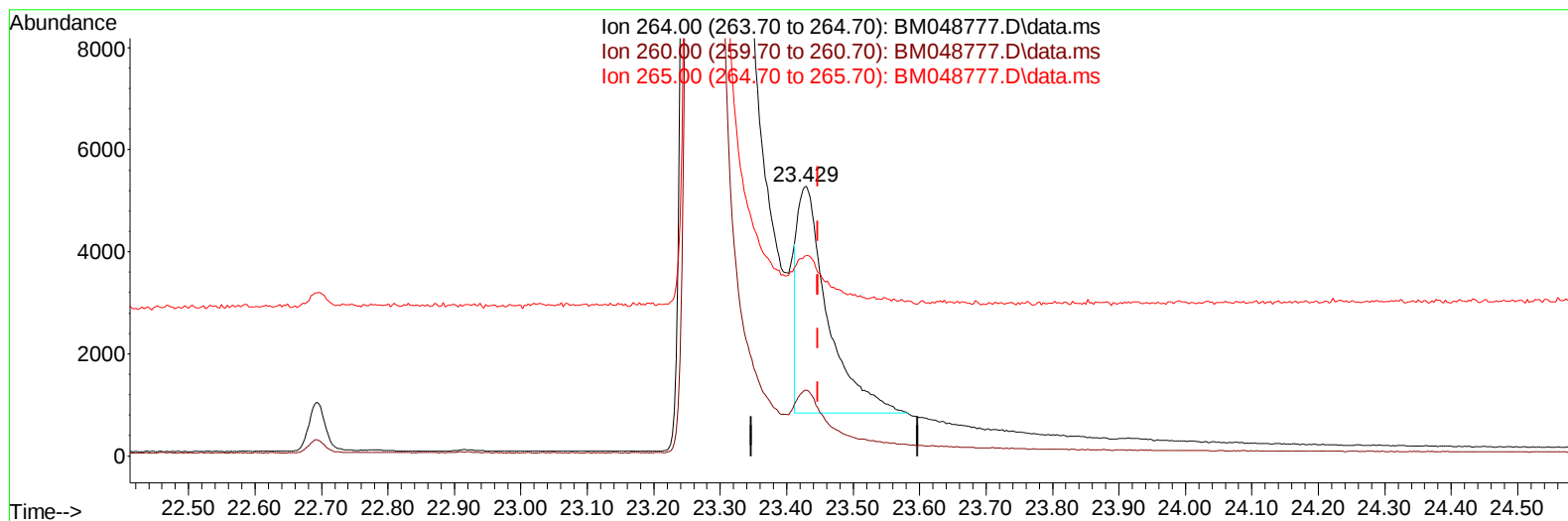
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
Acq On : 18 Nov 2024 15:26  
Operator : RC/JU  
Sample : P4829-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 15:58:57 2024  
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QLast Update : Mon Nov 18 11:56:05 2024  
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TIC: BM048777.D\data.ms

(23) Perylene-d12 (I)

23.429min (-0.018) 0.40 ng/u1

response 14089

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.42  |
| 265.00 | 119.80 | 74.31# |
| 0.00   | 0.00   | 0.00   |

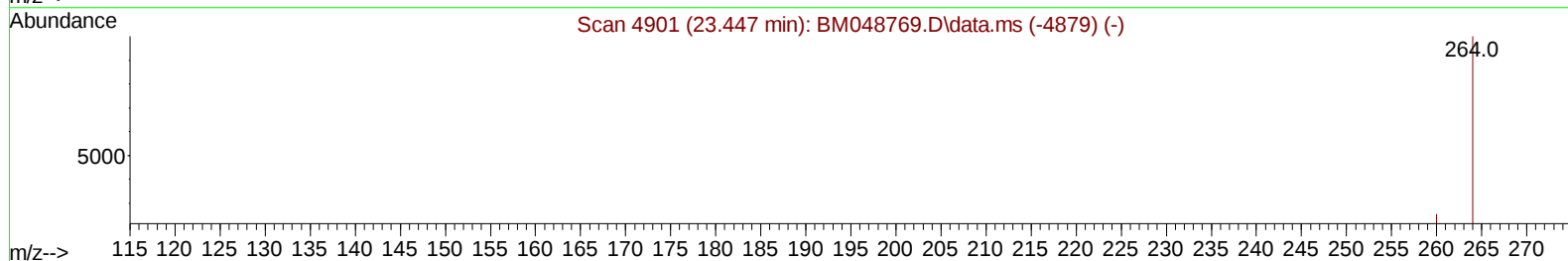
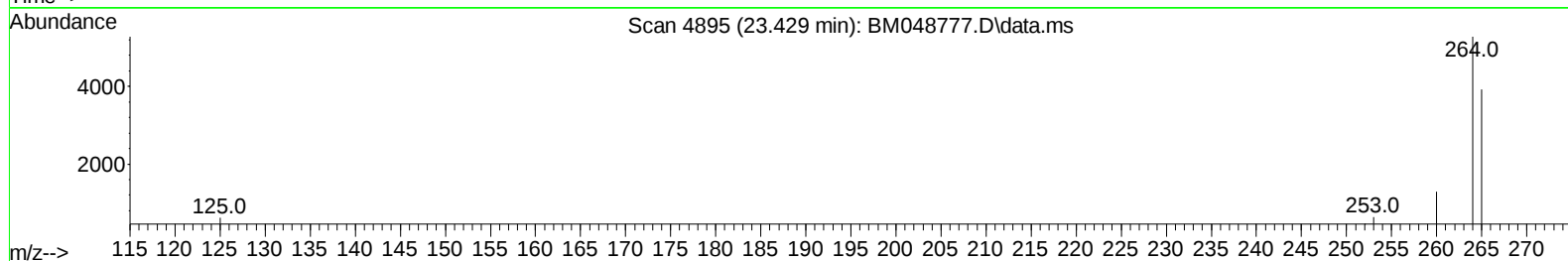
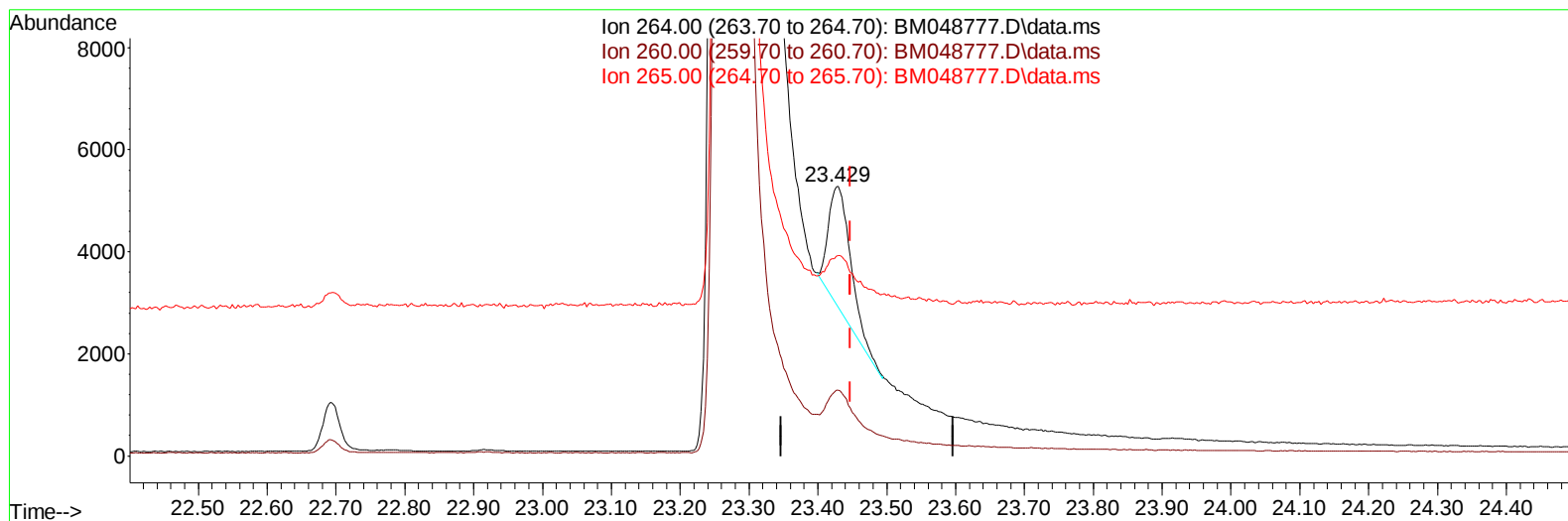
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
Data File : BM048777.D  
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Operator : RC/JU  
Sample : P4829-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E29W1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 15:58:57 2024  
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QLast Update : Mon Nov 18 11:56:05 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/20/2024



TIC: BM048777.D\data.ms

(23) Perylene-d12 (I)

23.429min (-0.018) 0.40 ng/u1 m

response 5138

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.42  |
| 265.00 | 119.80 | 74.31# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111824\  
 Data File : BM048777.D  
 Acq On : 18 Nov 2024 15:26  
 Operator : RC/JU  
 Sample : P4829-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E29W1

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2024  
 Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 18 15:58:57 2024  
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 QLast Update : Mon Nov 18 11:56:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.629  | 152  | 3084m    | 0.400 | ng/ul | -0.12    |
| 4) Naphthalene-d8           | 10.404 | 136  | 8948     | 0.400 | ng/ul | -0.08    |
| 9) Acenaphthene-d10         | 14.276 | 164  | 4782     | 0.400 | ng/ul | -0.02    |
| 13) Phenanthrene-d10        | 17.024 | 188  | 9669m    | 0.400 | ng/ul | -0.05    |
| 17) Chrysene-d12            | 21.240 | 240  | 7703     | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.429 | 264  | 5138m    | 0.400 | ng/ul | -0.02    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.085  | 96   | 15567    | 4.184 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.032 | 152  | 3264     | 0.282 | ng/ul | -0.06    |
| 18) Fluoranthene-d10        | 19.059 | 212  | 8774     | 0.406 | ng/ul | -0.03    |

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

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
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## Manual IntegrationsAPPROVED

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