

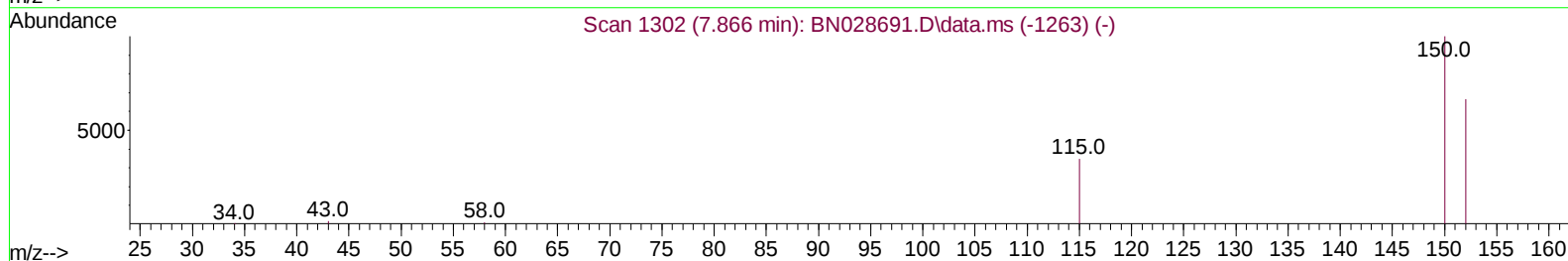
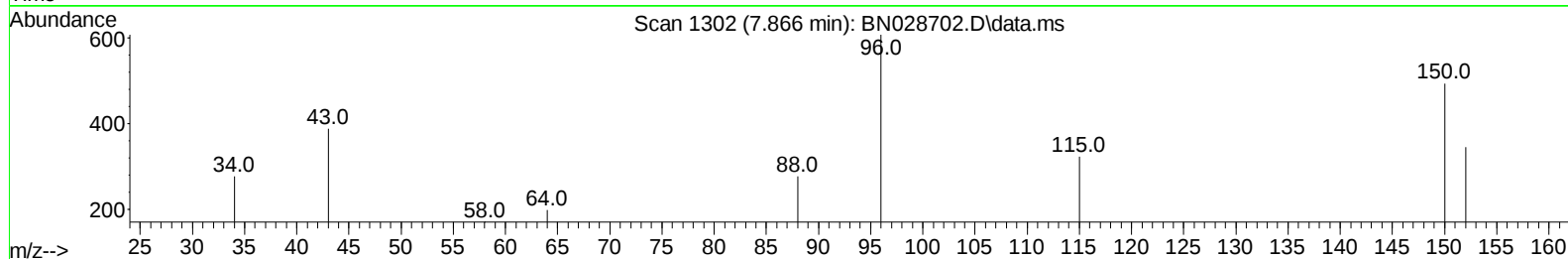
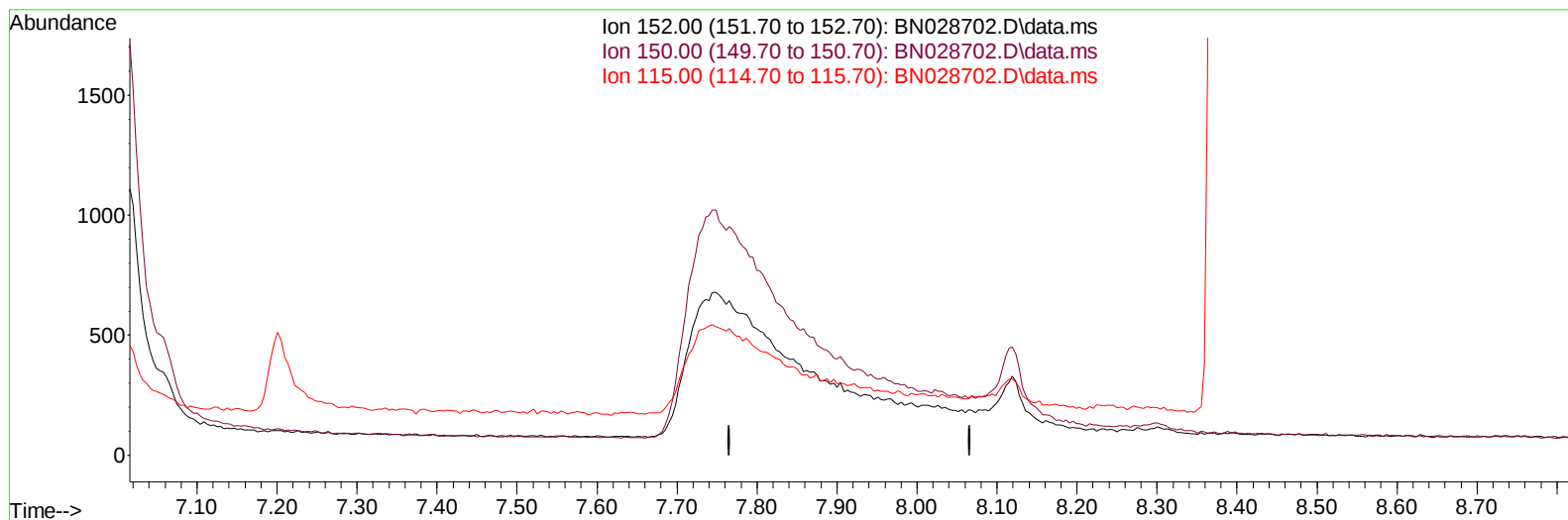
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
 Acq On : 17 Nov 2023 15:03  
 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 09:39:27 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028702.D\data.ms

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

7.866min (-7.866) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 152.00 | 100.00 | 0.00  |
| 150.00 | 155.30 | 0.00# |
| 115.00 | 62.20  | 0.00# |
| 0.00   | 0.00   | 0.00  |

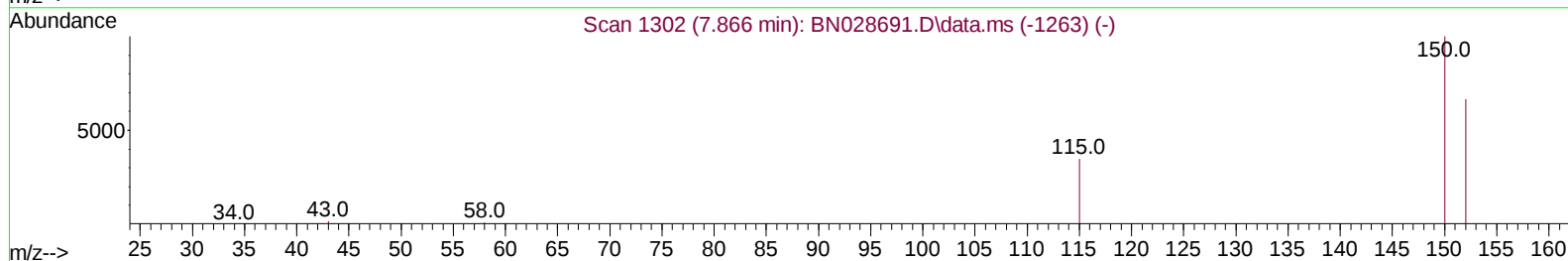
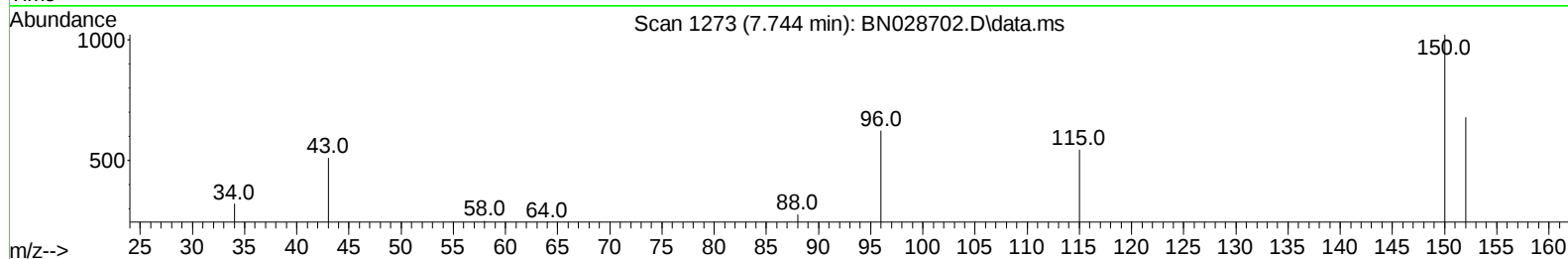
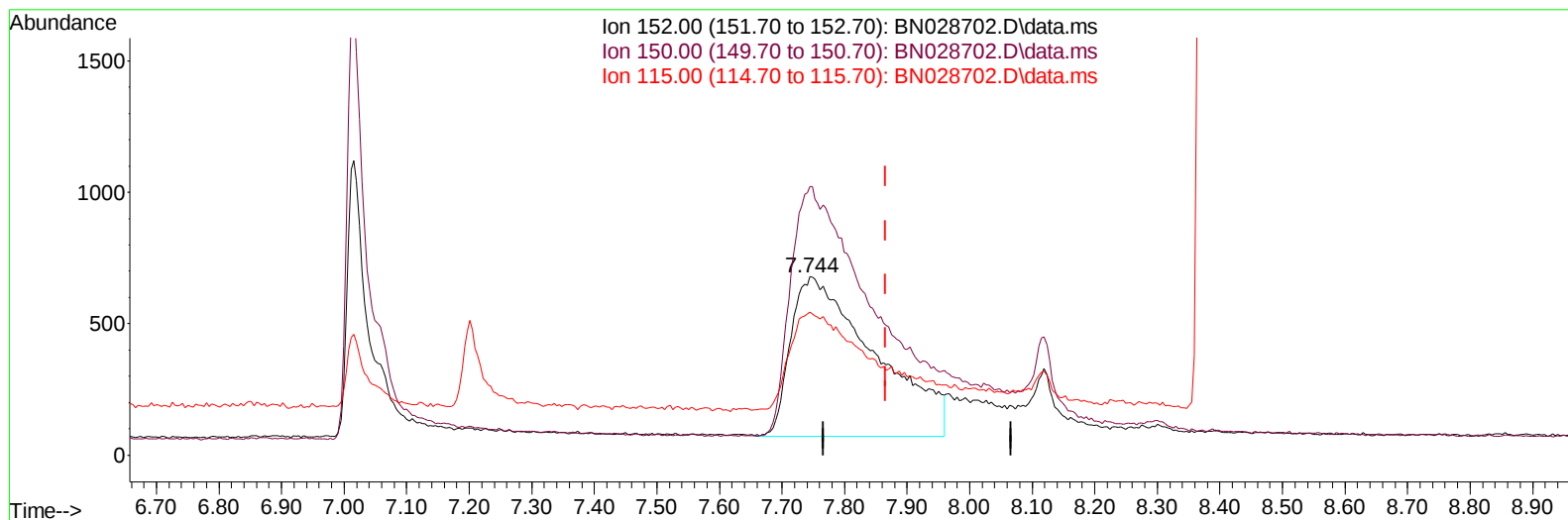
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
Data File : BN028702.D  
Acq On : 17 Nov 2023 15:03  
Operator : MA/JU  
Sample : PB157170BL  
Misc :  
ALS Vial : 73 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK170

Manual IntegrationsAPPROVED

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TIC: BN028702.D\data.ms

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

7.744min (-0.122) 0.40 ng/ul m

response 5654

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 150.00 | 155.30 | 150.52 |
| 115.00 | 62.20  | 80.12# |
| 0.00   | 0.00   | 0.00   |

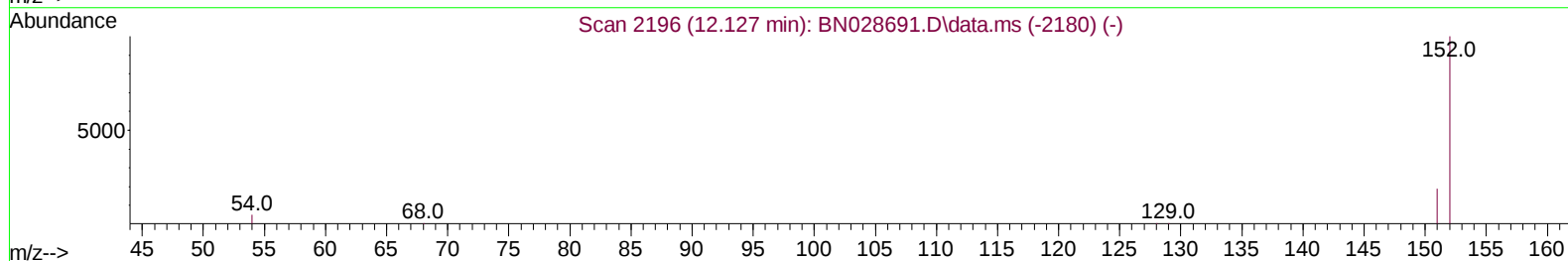
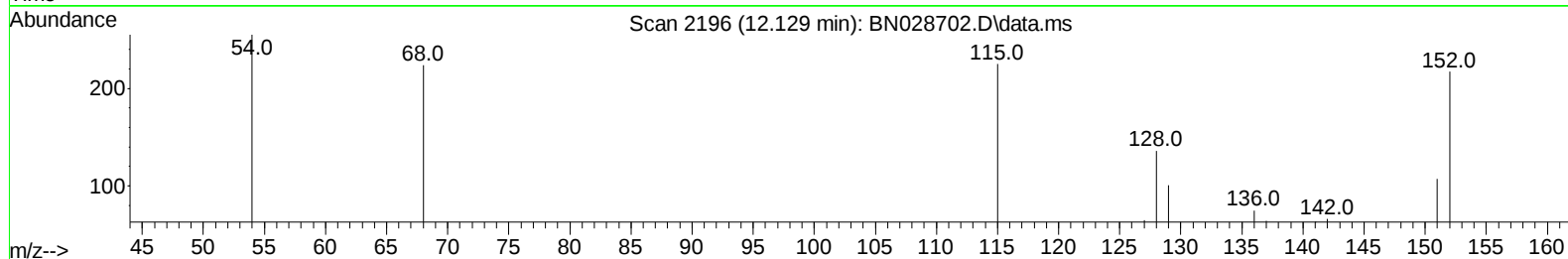
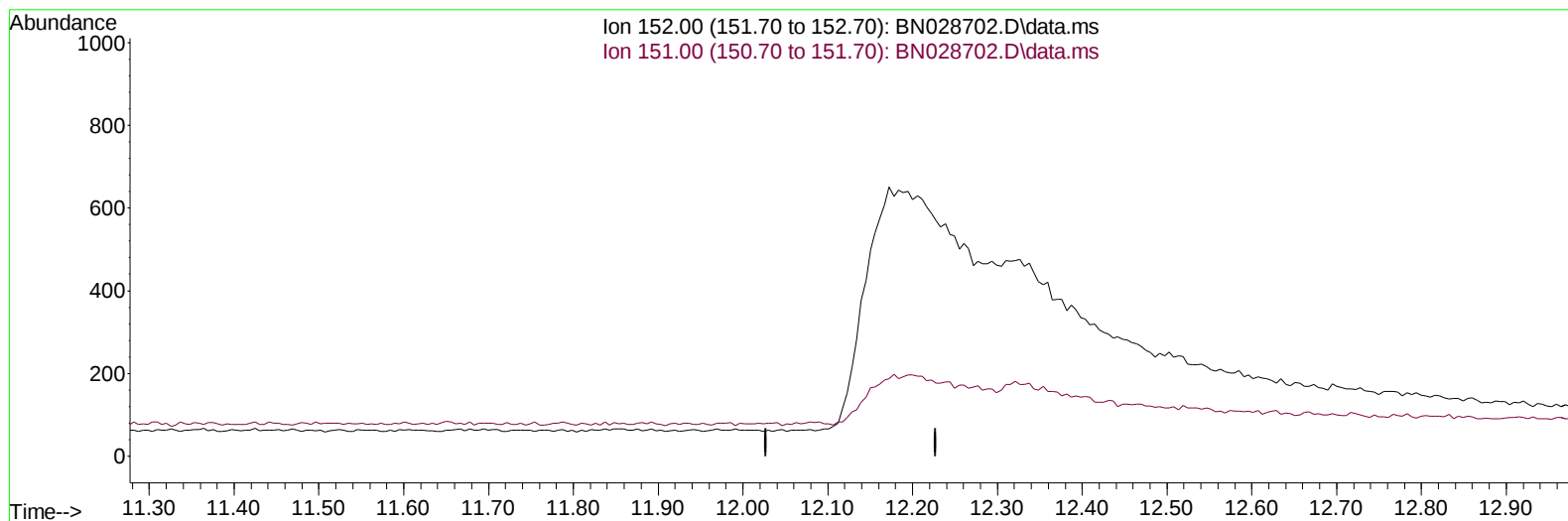
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
 Acq On : 17 Nov 2023 15:03  
 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
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TIC: BN028702.D\data.ms

**(6) 2-Methylnaphthalene-d10 (SURR)**

12.127min (-12.127) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 152.00 | 100.00 | 0.00  |
| 151.00 | 20.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |
| 0.00   | 0.00   | 0.00  |

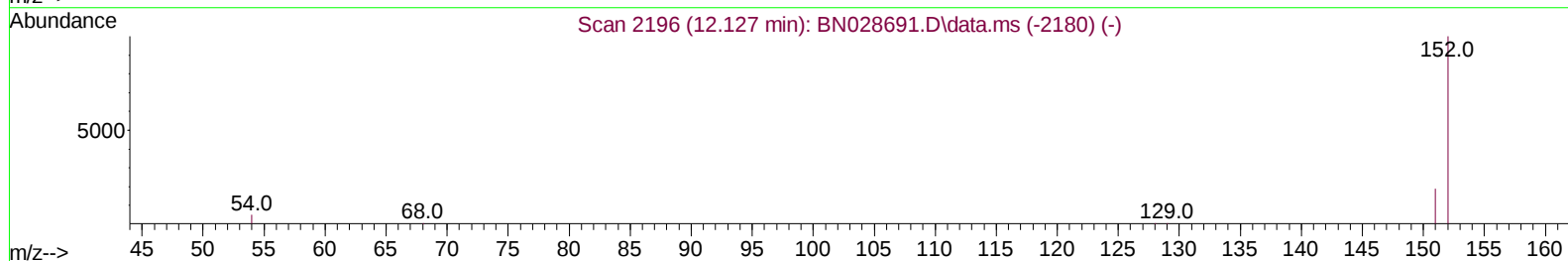
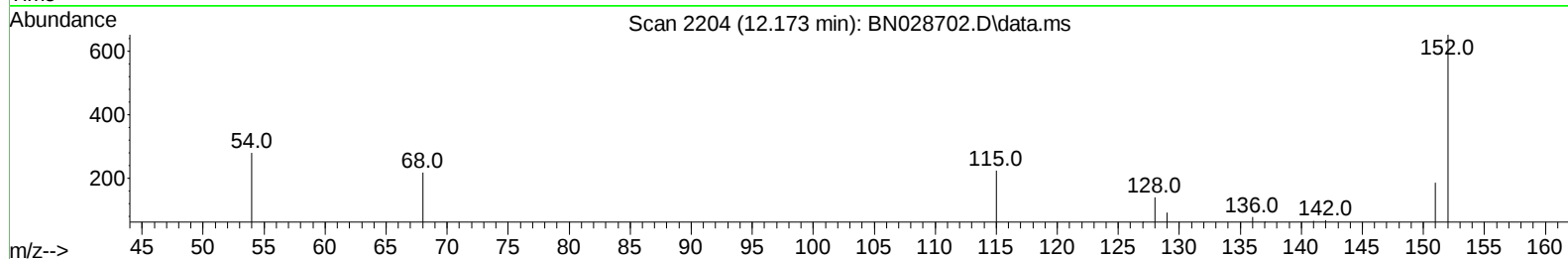
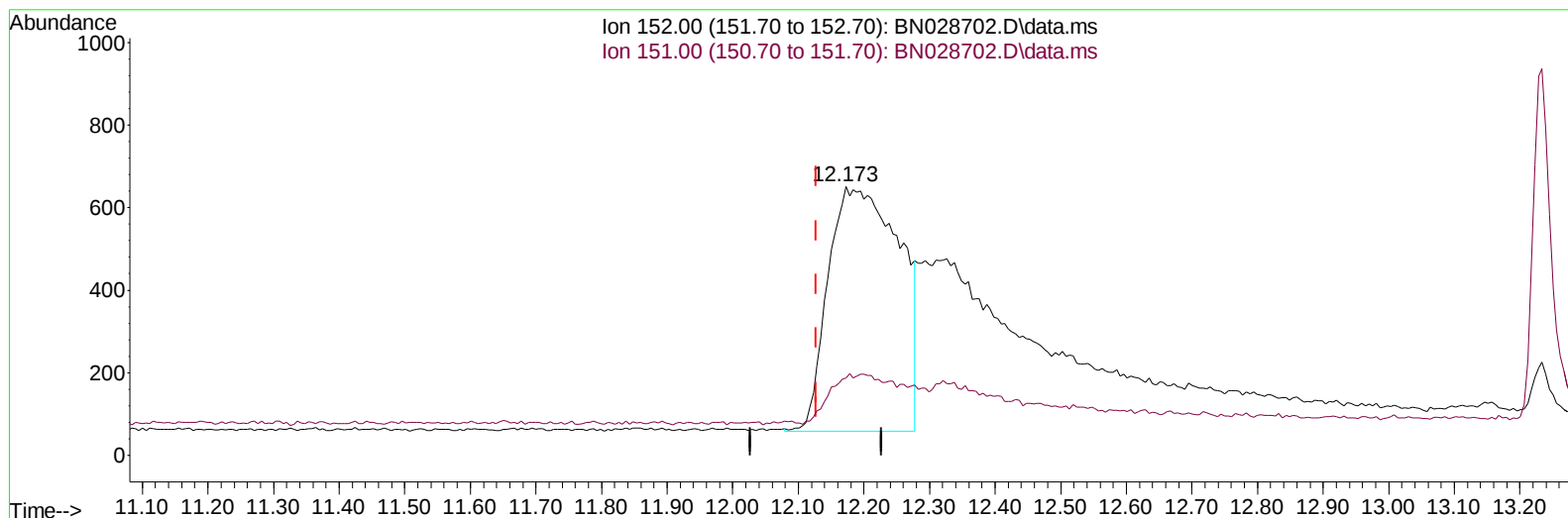
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
 Acq On : 17 Nov 2023 15:03  
 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
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TIC: BN028702.D\data.ms

**(6) 2-Methylnaphthalene-d10 (SURR)**

12.173min (+ 0.045) 0.17 ng/ul m

response 4482

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 20.50  | 0.00#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

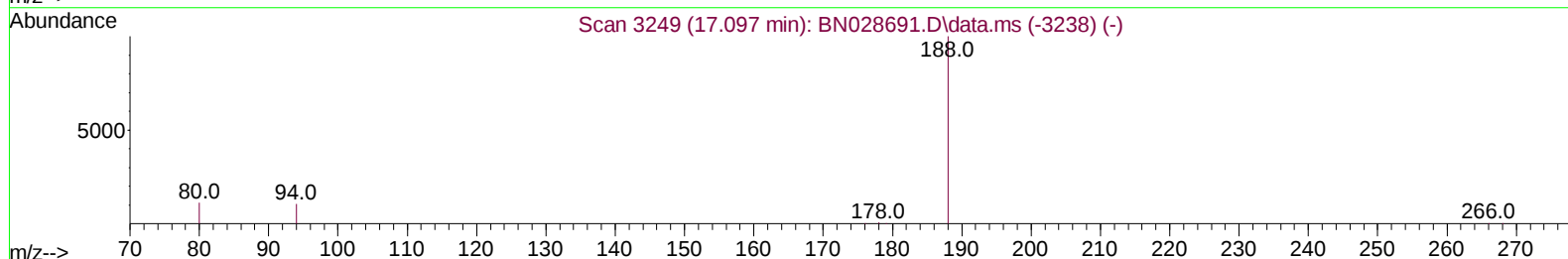
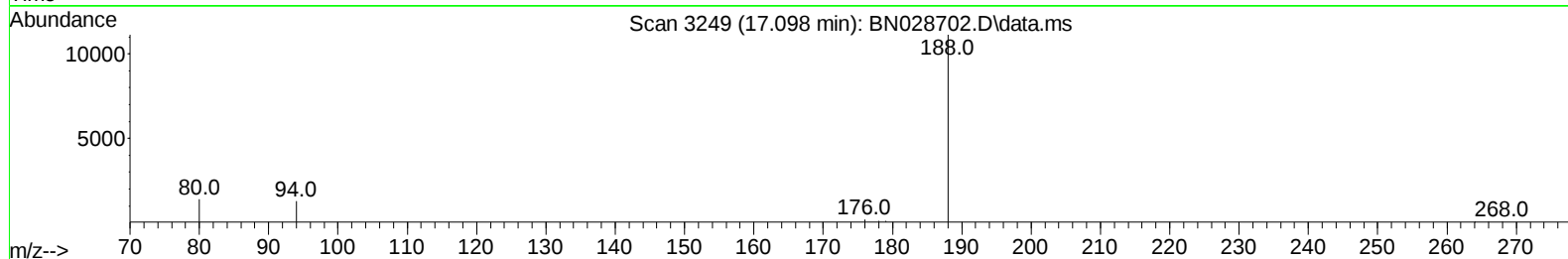
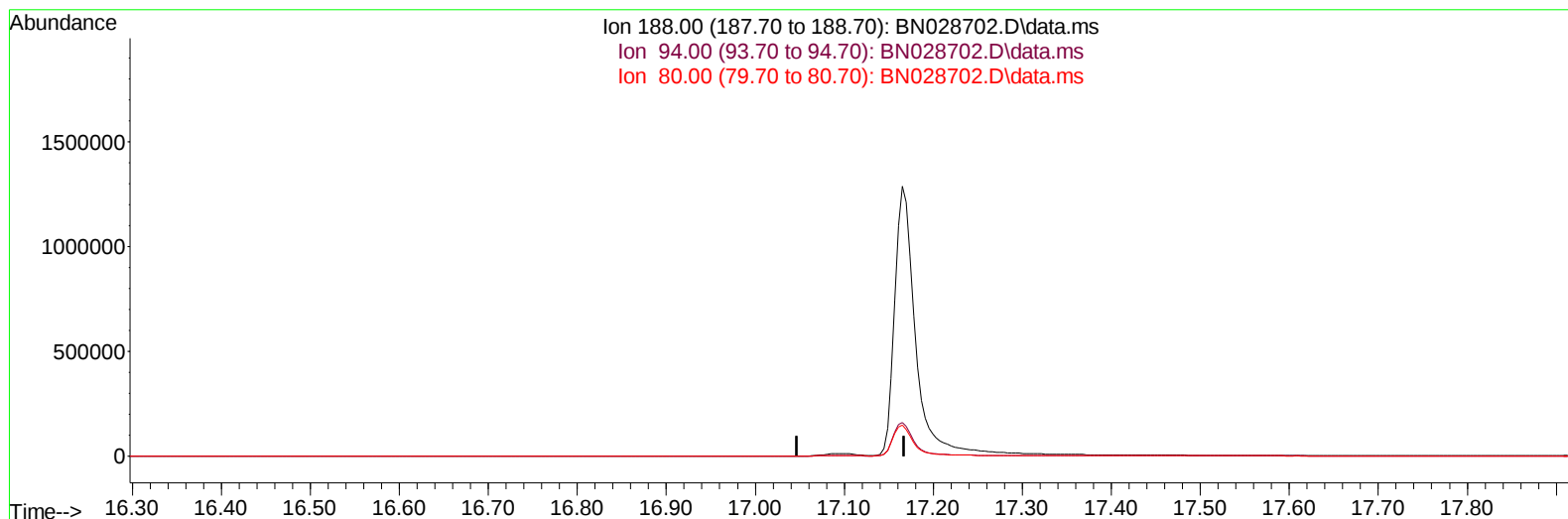
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
 Acq On : 17 Nov 2023 15:03  
 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
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 QLast Update : Fri Nov 17 09:39:27 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028702.D\data.ms

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

17.097min (-17.097) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 10.10  | 0.00# |
| 80.00  | 10.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |

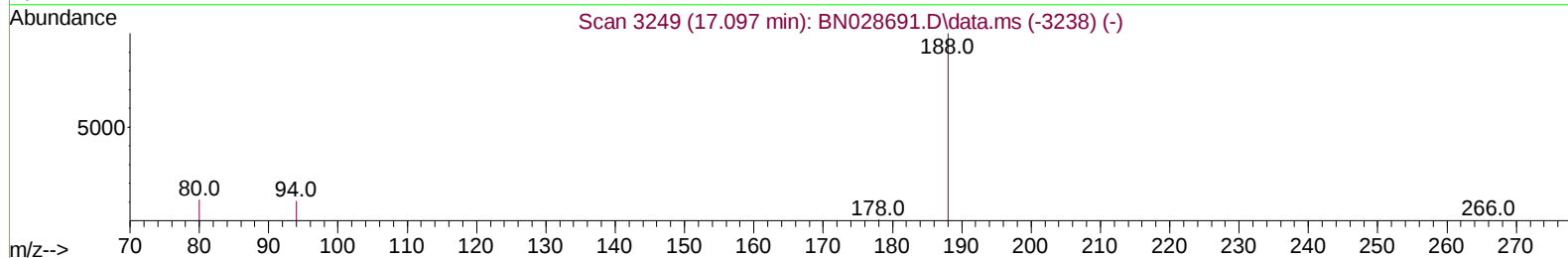
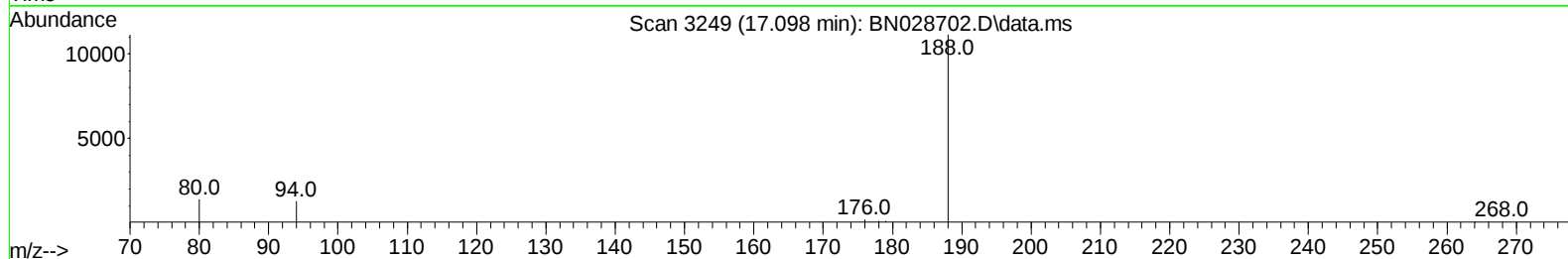
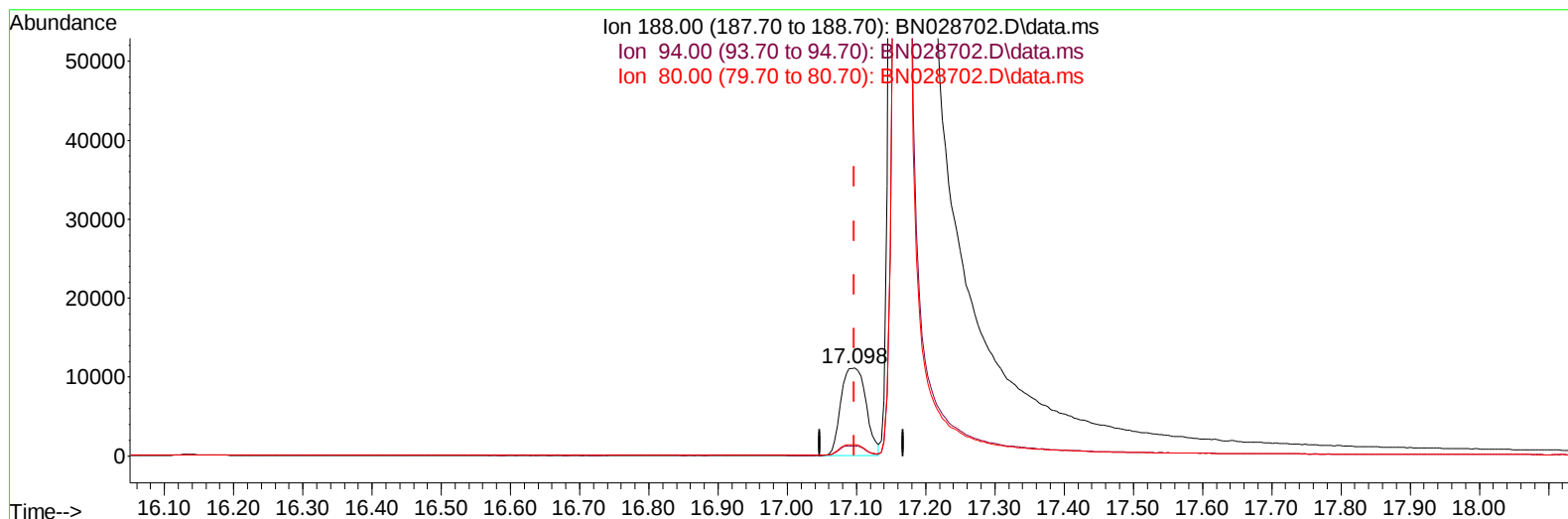
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
 Acq On : 17 Nov 2023 15:03  
 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
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Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028702.D\data.ms

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

**17.098min (+ 0.000) 0.40 ng/ul m**

**response 28005**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.10  | 11.55  |
| 80.00  | 10.90  | 12.43  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
 Data File : BN028702.D  
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 Operator : MA/JU  
 Sample : PB157170BL  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK170

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 17 15:29:42 2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.744  | 152  | 5654m    | 0.400 | ng/ul | -0.12    |
| 4) Naphthalene-d8           | 10.484 | 136  | 17397    | 0.400 | ng/ul | #-0.02   |
| 9) Acenaphthene-d10         | 14.325 | 164  | 13472    | 0.400 | ng/ul | # 0.00   |
| 13) Phenanthrene-d10        | 17.098 | 188  | 28005m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.319 | 240  | 14805    | 0.400 | ng/ul | # 0.02   |
| 23) Perylene-d12            | 23.578 | 264  | 22510    | 0.400 | ng/ul | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.116  | 96   | 53659    | 8.587 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.173 | 152  | 4482m    | 0.171 | ng/ul | 0.05     |
| 18) Fluoranthene-d10        | 19.122 | 212  | 19733    | 0.414 | ng/ul | 0.00     |

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111523\  
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Acq On : 17 Nov 2023 15:03  
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Sample : PB157170BL  
Misc :  
ALS Vial : 73 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK170

## Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:29:42 2023  
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