

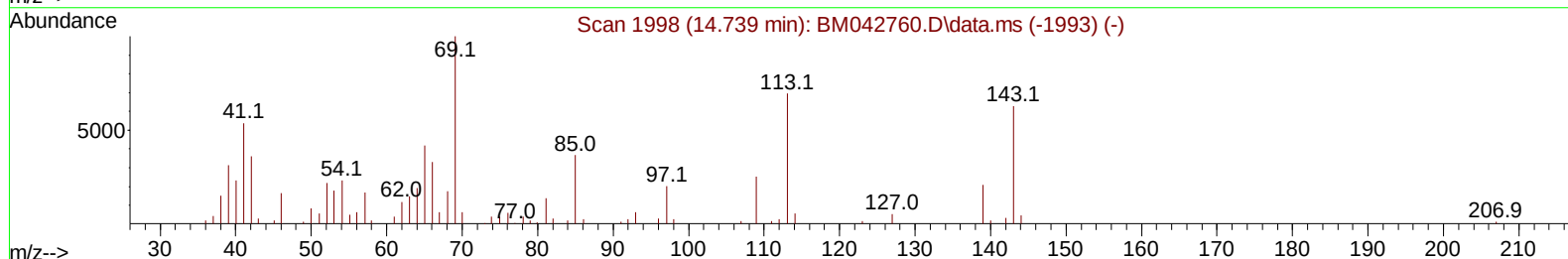
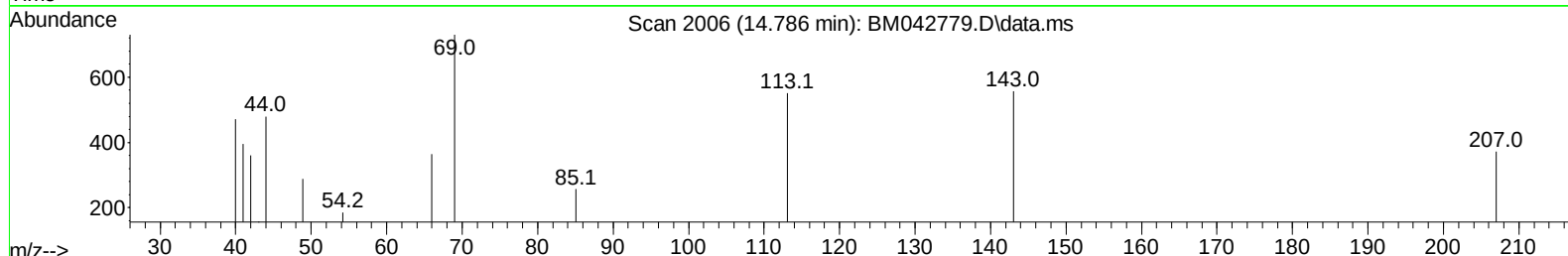
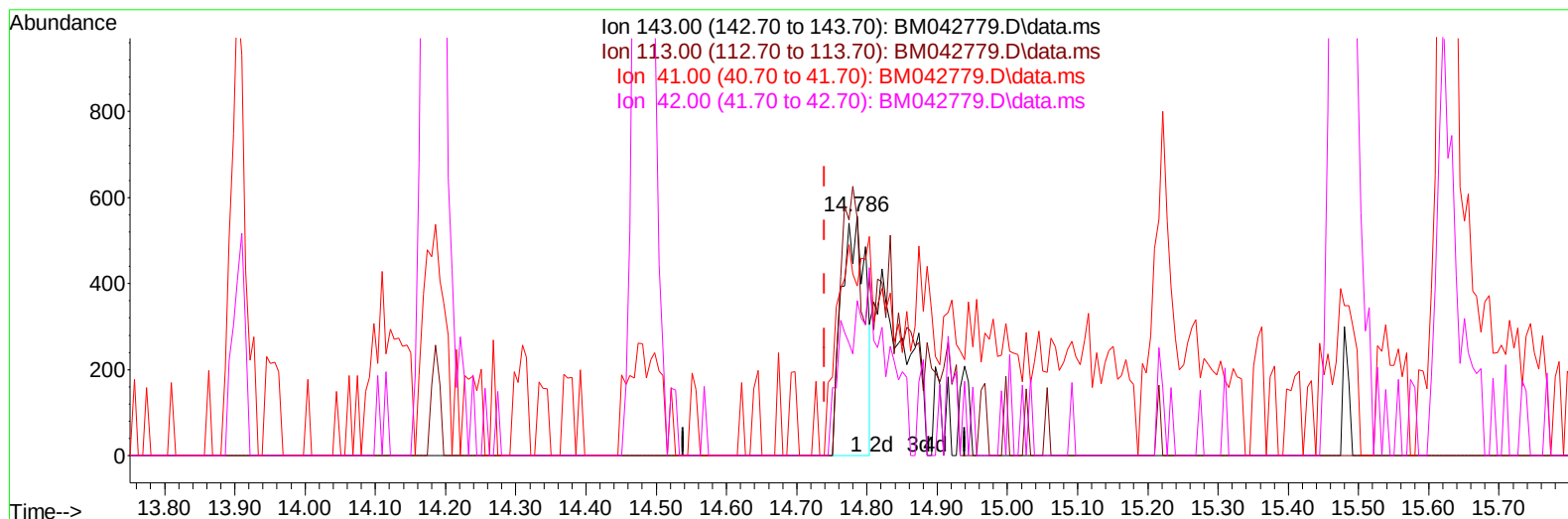
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
Data File : BM042779.D  
Acq On : 15 Nov 2023 21:30  
Operator : MA/JU  
Sample : 05057-19  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4972

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:52:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 15 22:28:07 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
Supervised By :mohammad ahmed 11/19/2023



TIC: BM042779.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.786min (+ 0.047) 2.04 ng/ul**

**response 1322**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 110.80 | 98.92  |
| 41.00  | 73.50  | 70.92  |
| 42.00  | 48.00  | 64.63# |

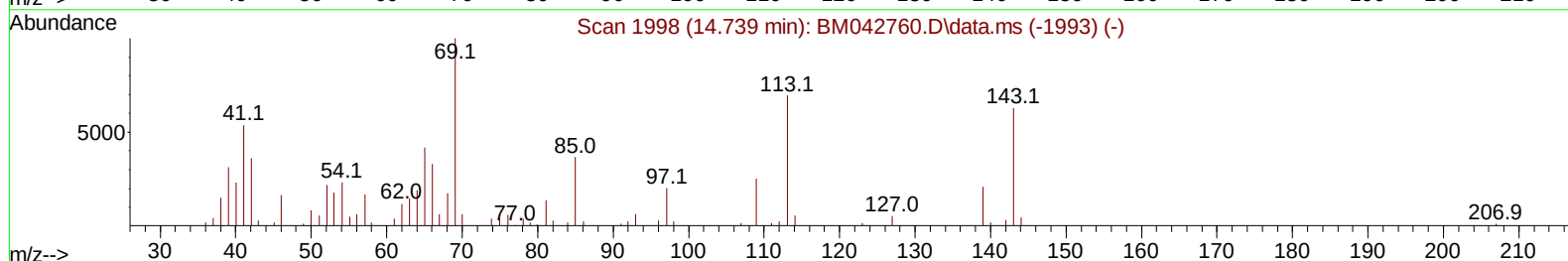
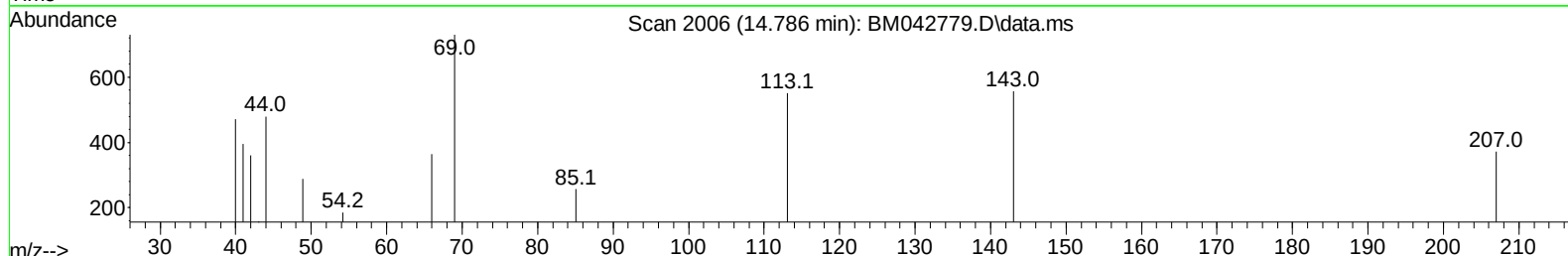
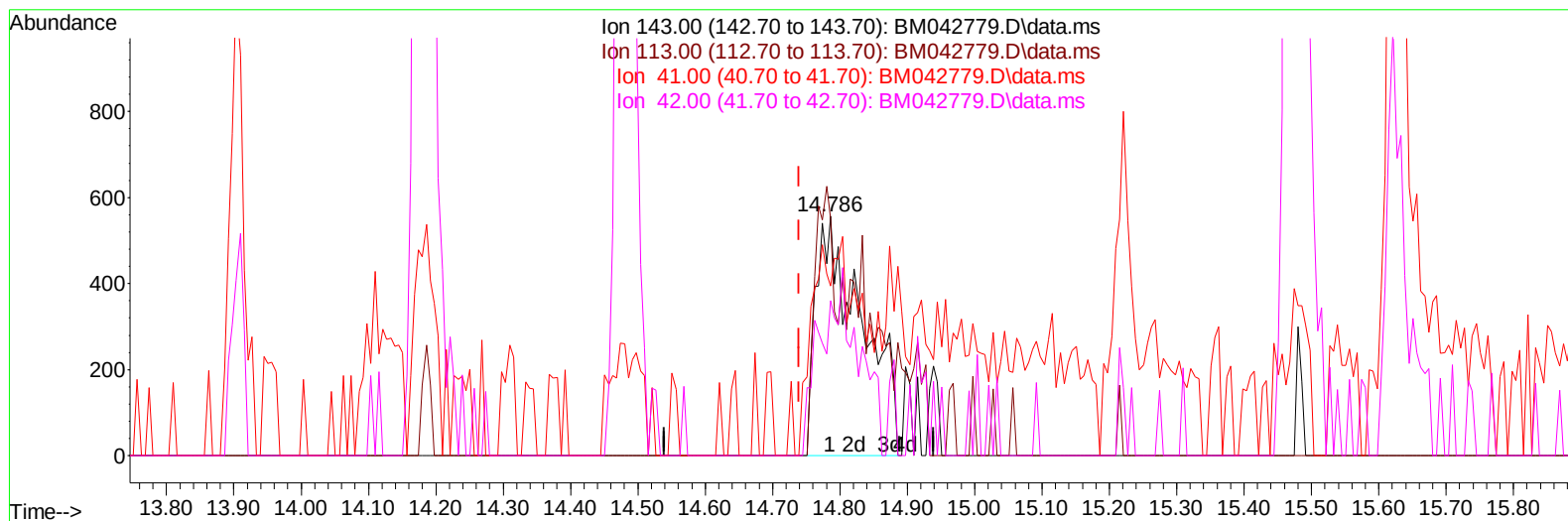
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
Data File : BM042779.D  
Acq On : 15 Nov 2023 21:30  
Operator : MA/JU  
Sample : 05057-19  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4972

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:52:41 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 15 22:28:07 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
Supervised By :mohammad ahmed 11/19/2023



TIC: BM042779.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.786min (+ 0.047) 4.07 ng/ul m**

**response 2635**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 110.80 | 98.92  |
| 41.00  | 73.50  | 70.92  |
| 42.00  | 48.00  | 64.63# |

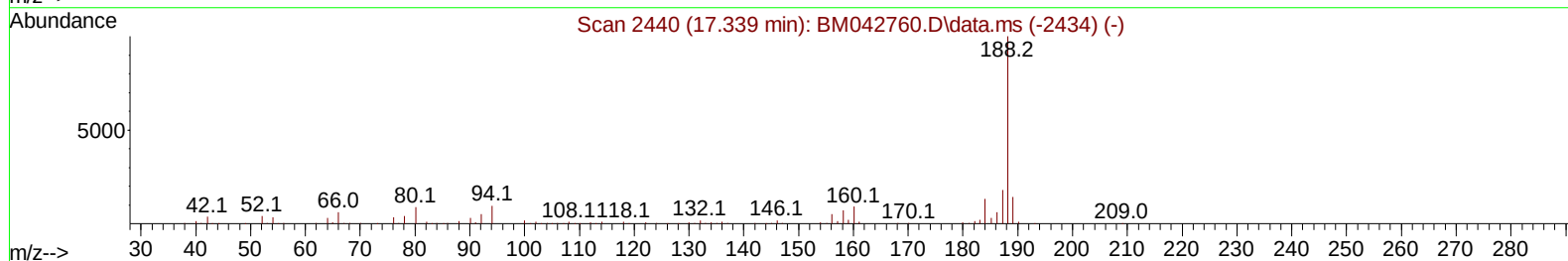
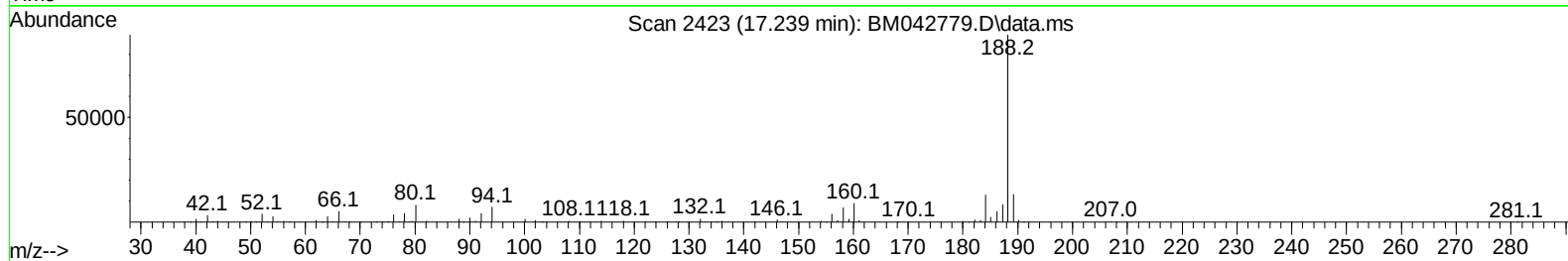
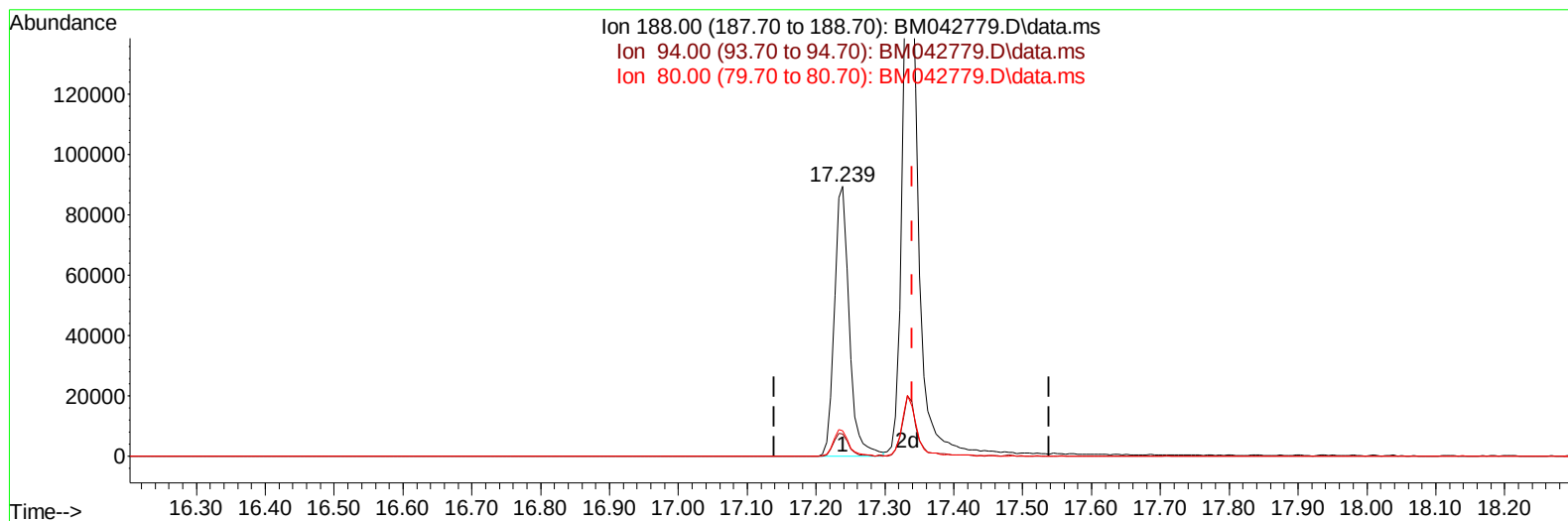
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042779.D  
 Acq On : 15 Nov 2023 21:30  
 Operator : MA/JU  
 Sample : 05057-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4972

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:52:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 22:28:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042779.D\data.ms

**(73) Anthracene-d10 (S)**

**17.239min (-0.100) 17.84 ng/ul**

**response 134654**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 8.19   |
| 80.00  | 8.20   | 9.46   |
| 0.00   | 0.00   | 0.00   |

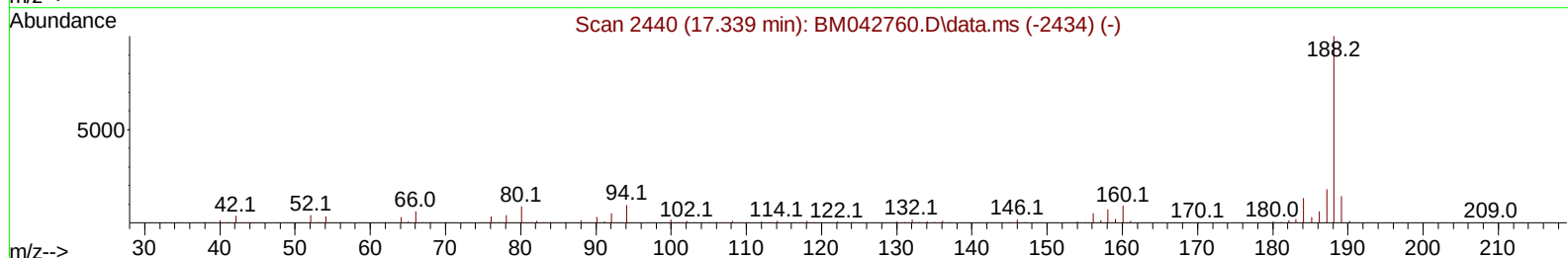
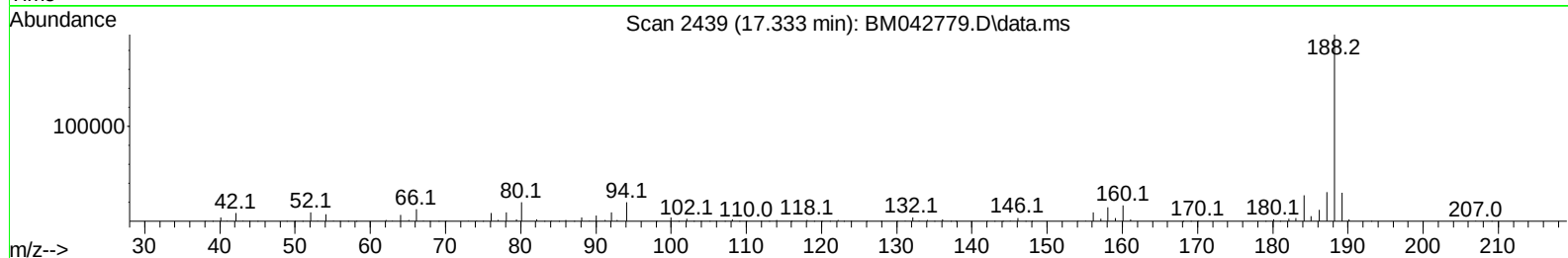
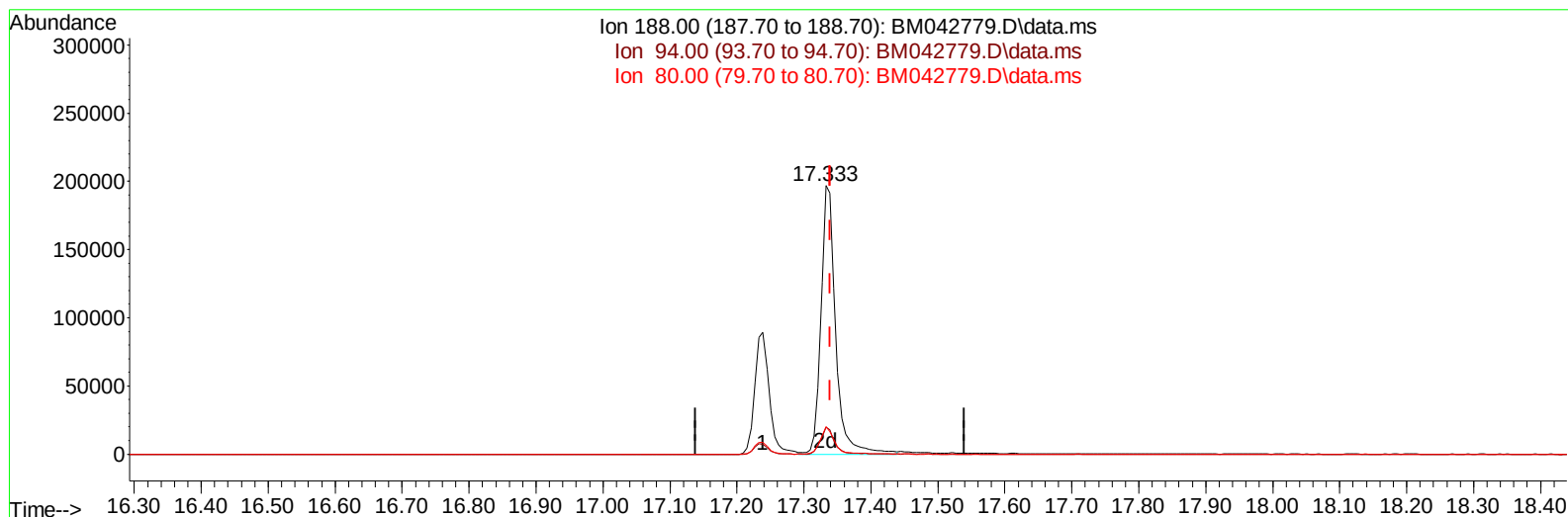
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042779.D  
 Acq On : 15 Nov 2023 21:30  
 Operator : MA/JU  
 Sample : 05057-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4972

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:52:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 22:28:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042779.D\data.ms

**(73) Anthracene-d10 (S)**

**17.333min (-0.006) 40.09 ng/ul m**

**response 302521**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 10.09  |
| 80.00  | 8.20   | 10.23# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042779.D  
 Acq On : 15 Nov 2023 21:30  
 Operator : MA/JU  
 Sample : 05057-19  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4972

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023  
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 22:53:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 22:28:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 21957    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.639 | 136  | 93381    | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.486 | 164  | 60507    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 134654   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.421 | 240  | 131821   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.779 | 264  | 160114   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 3365     | 4.809  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 5751     | 3.304  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.998  | 99   | 17551    | 8.213  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.175  | 67   | 57213    | 38.101 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.351  | 132  | 45159    | 27.387 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.551  | 113  | 31191    | 18.537 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.027  | 128  | 24330    | 29.717 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.745  | 143  | 26613    | 27.787 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.269 | 165  | 45491    | 25.545 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.827 | 131  | 19854    | 8.781  | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 212270   | 37.068 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.180 | 160  | 207192   | 33.815 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.786 | 143  | 2635m    | 4.073  | ng/ul  | 0.05     |
| 60) Fluorene-d10              | 15.480 | 176  | 173959   | 36.684 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.627 | 200  | 25625    | 25.123 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.333 | 188  | 302521m  | 40.088 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.633 | 212  | 418396   | 48.470 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.627 | 264  | 422114   | 44.074 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.034  | 94   | 2203     | 1.036  | ng/ul# | 72       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
Data File : BM042779.D  
Acq On : 15 Nov 2023 21:30  
Operator : MA/JU  
Sample : 05057-19  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4972

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023  
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 22:53:45 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 15 22:28:07 2023  
Response via : Initial Calibration

