

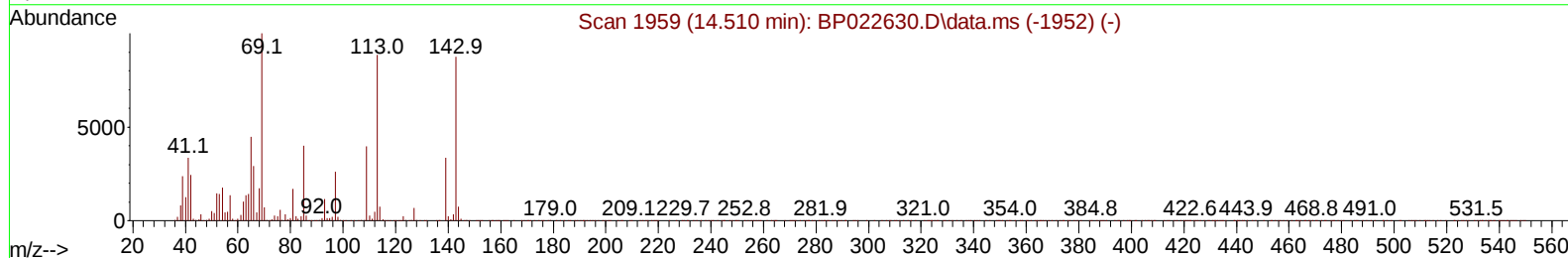
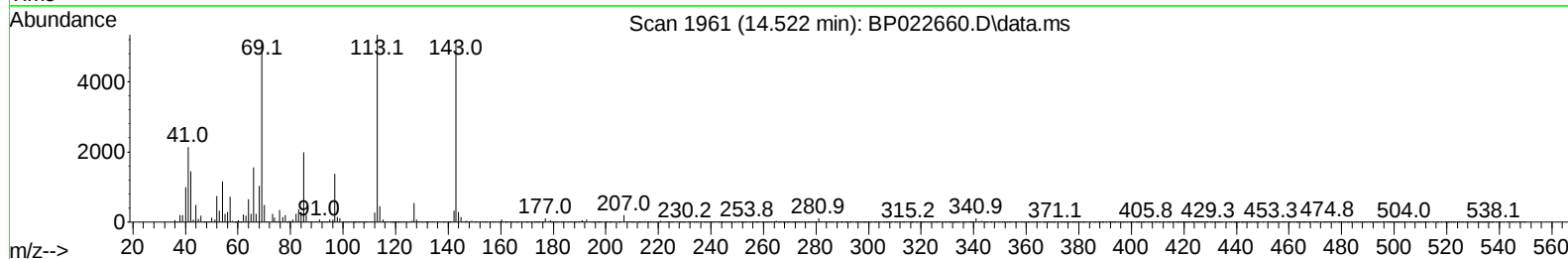
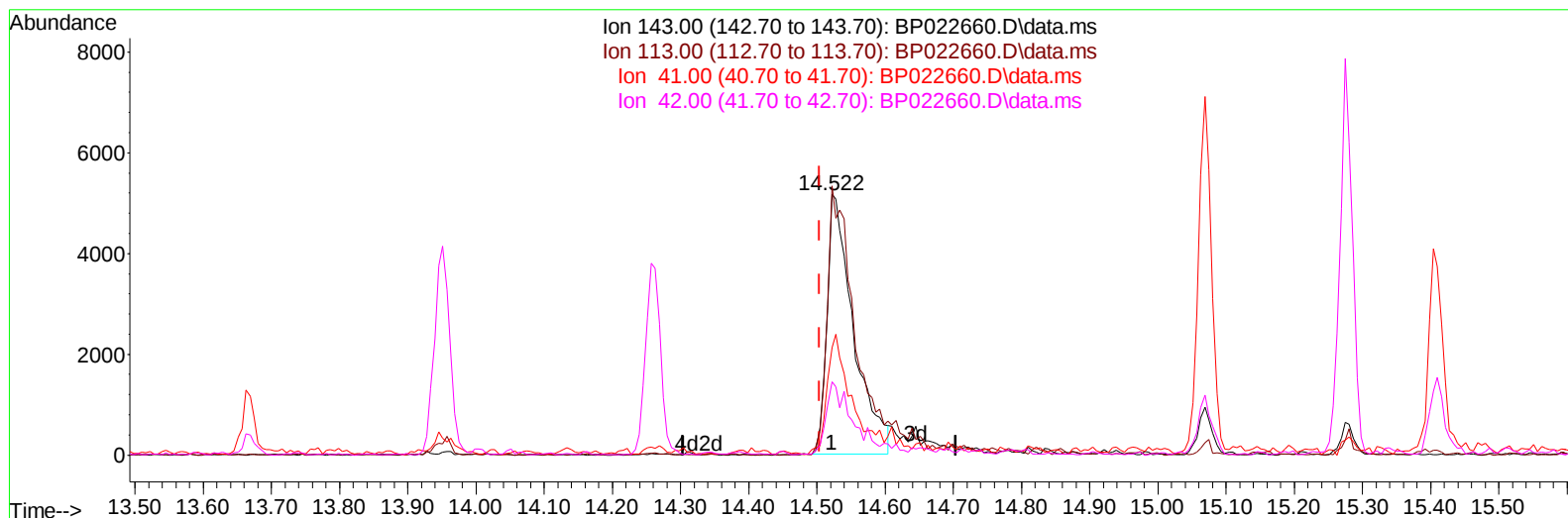
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
Data File : BP022660.D  
Acq On : 27 Oct 2024 03:30  
Operator : RC/JU  
Sample : P4559-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCNY0

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:50:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 26 05:55:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/28/2024  
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022660.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.522min (+ 0.018) 5.92 ng/u1

response 13927

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 103.17 |
| 41.00  | 35.90  | 41.33  |
| 42.00  | 23.70  | 28.10  |

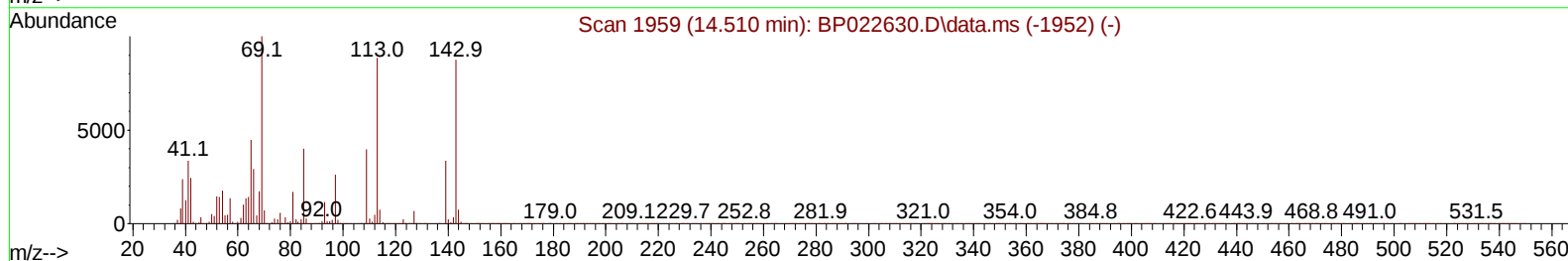
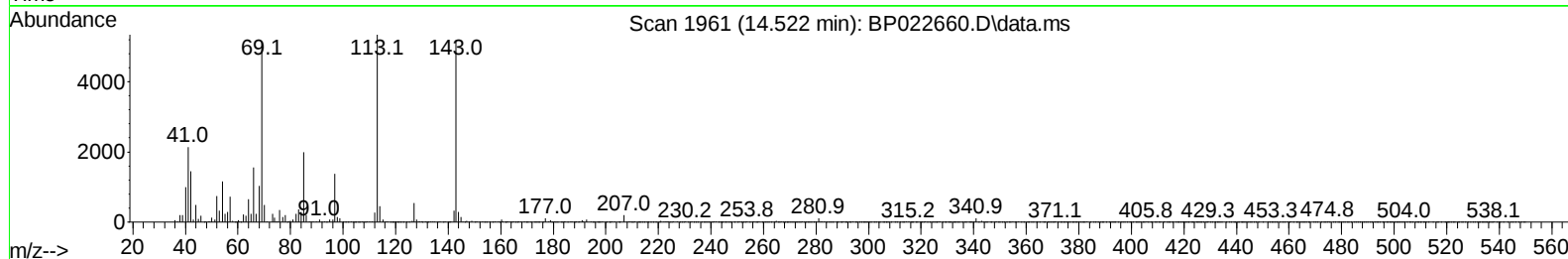
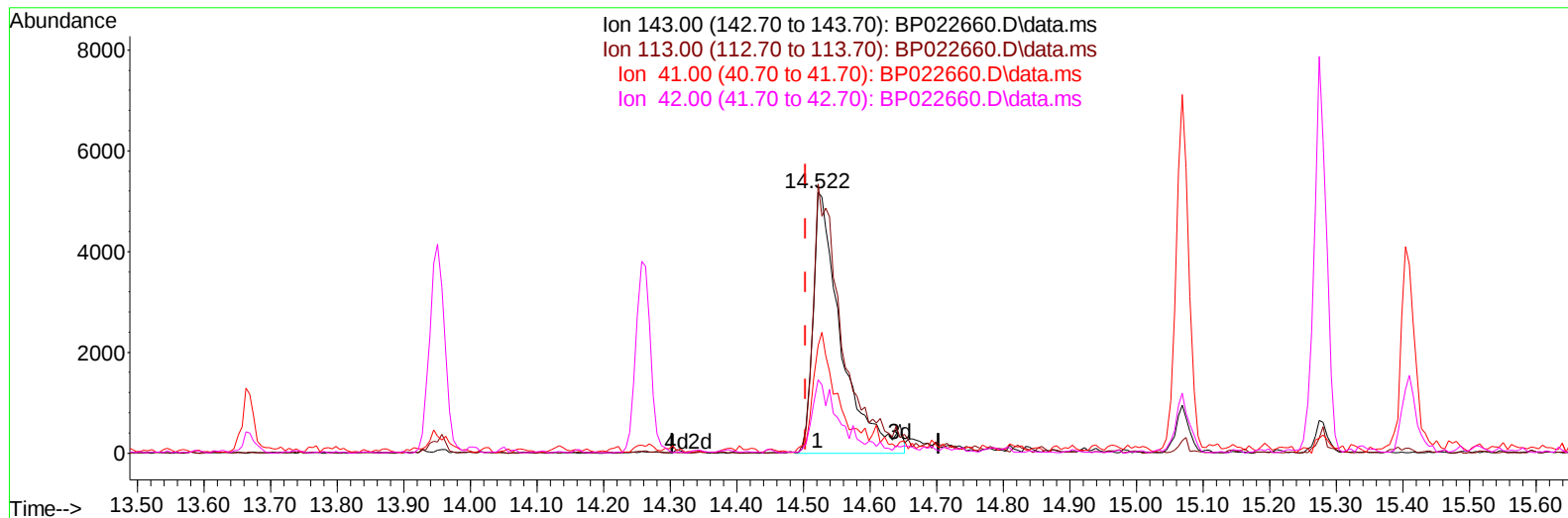
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
 Data File : BP022660.D  
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 Operator : RC/JU  
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCNY0

Manual IntegrationsAPPROVED

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 QLast Update : Sat Oct 26 05:55:04 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/28/2024  
 Supervised By :mohammad ahmed 10/29/2024



TIC: BP022660.D\data.ms

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

**14.522min (+ 0.018) 6.44 ng/ul m**

**response 15150**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 103.17 |
| 41.00  | 35.90  | 41.33  |
| 42.00  | 23.70  | 28.10  |

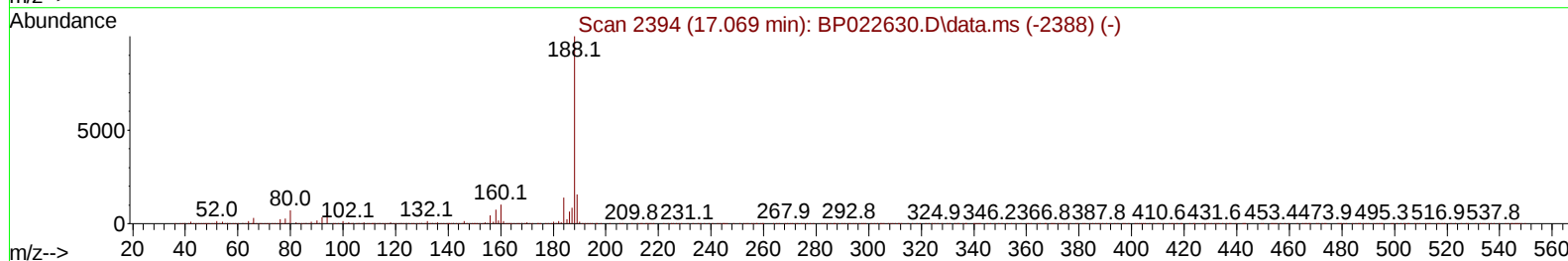
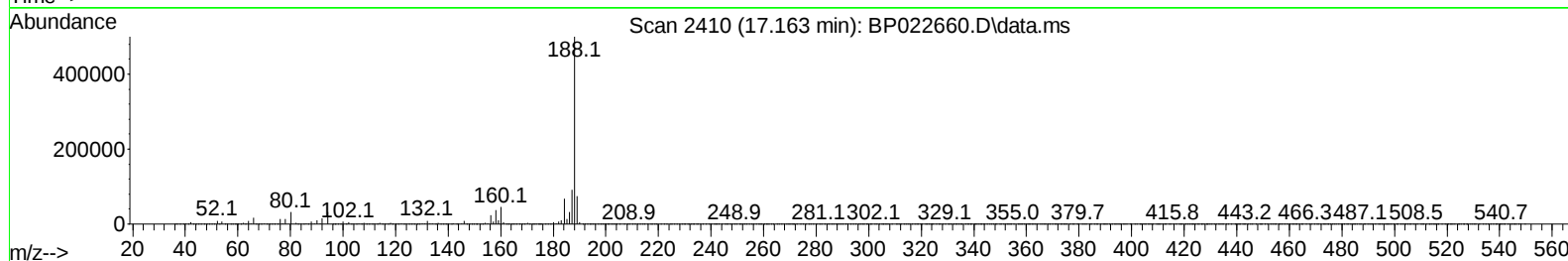
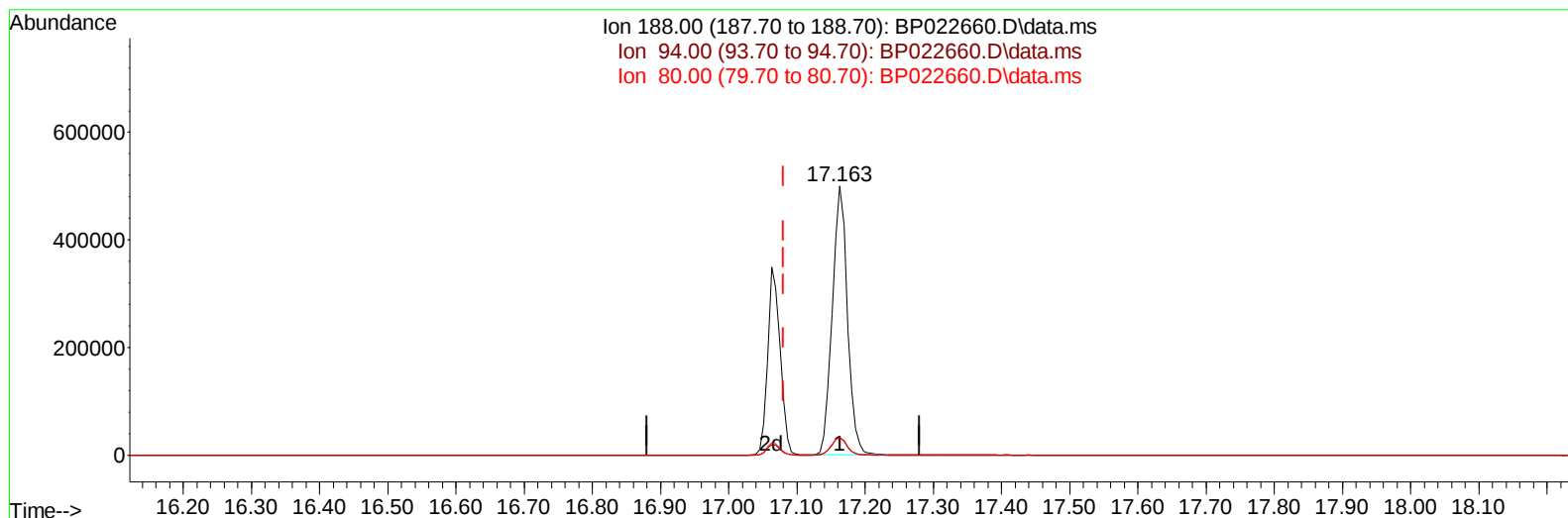
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
Data File : BP022660.D  
Acq On : 27 Oct 2024 03:30  
Operator : RC/JU  
Sample : P4559-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCNY0

Manual IntegrationsAPPROVED

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TIC: BP022660.D\data.ms

**(64) Phenanthrene-d10 (I)**

**17.163min (+ 0.083) 20.00 ng/u1**

**response 773568**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 7.00   | 6.41   |
| 80.00  | 8.20   | 6.57   |
| 0.00   | 0.00   | 0.00   |

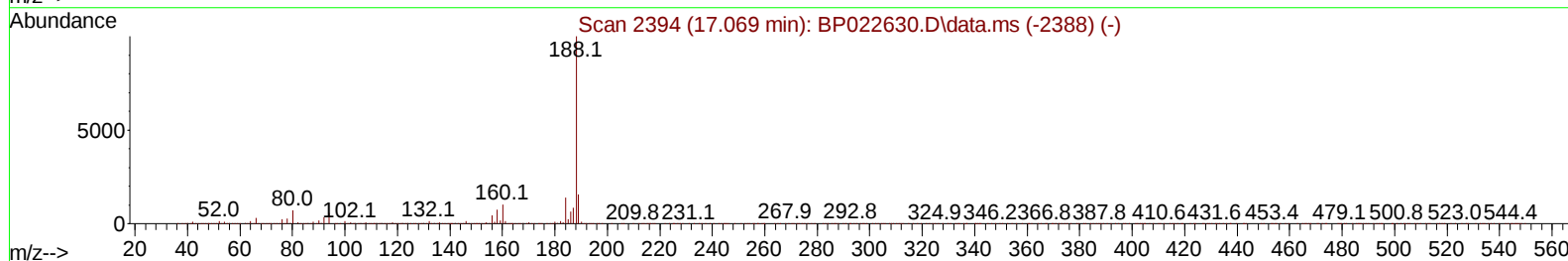
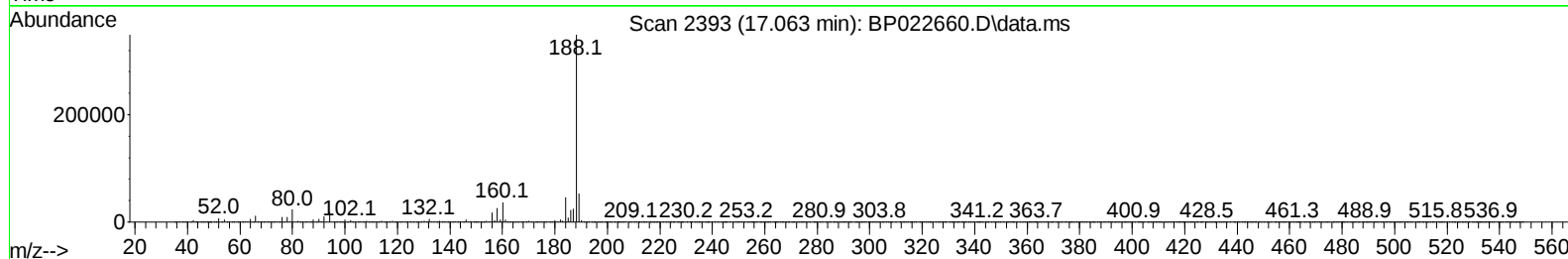
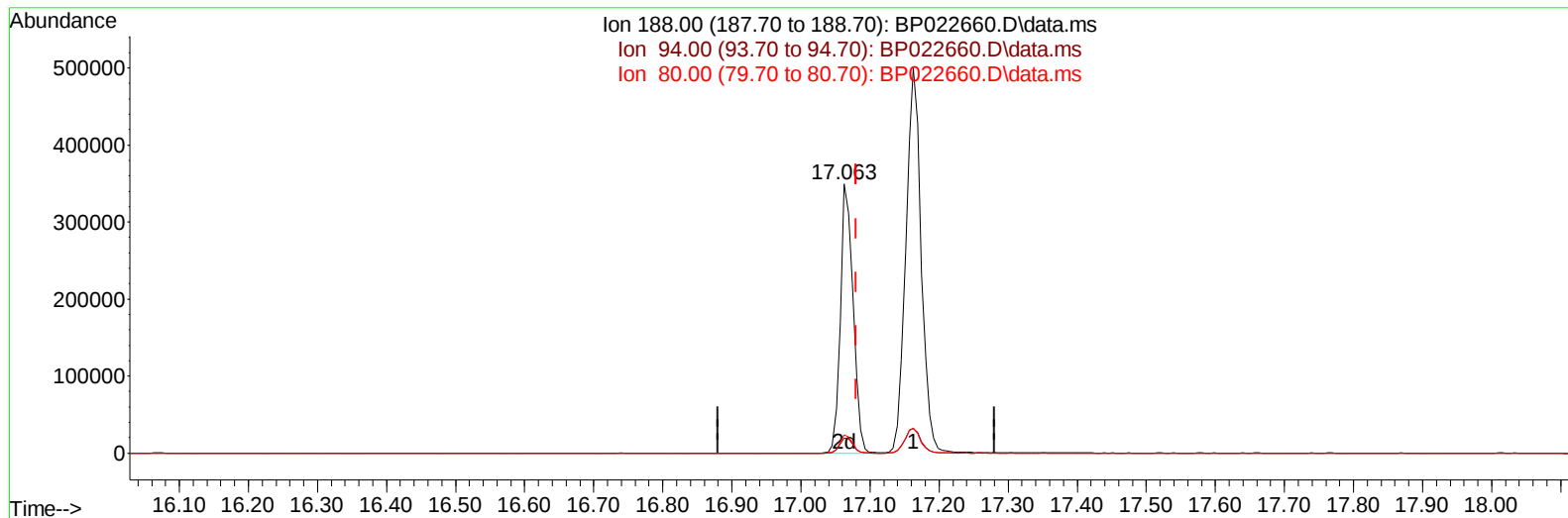
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
Data File : BP022660.D  
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Operator : RC/JU  
Sample : P4559-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCNY0

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:50:40 2024  
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TIC: BP022660.D\data.ms

(64) Phenanthrene-d10 (I)

17.063min (-0.017) 20.00 ng/ul m

response 442488

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 7.00   | 5.54#  |
| 80.00  | 8.20   | 6.65   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
 Data File : BP022660.D  
 Acq On : 27 Oct 2024 03:30  
 Operator : RC/JU  
 Sample : P4559-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCNY0

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2024  
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 00:51:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 26 05:55:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 57723    | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.399 | 136  | 222058   | 20.000 | ng/ul | -0.02    |
| 38) Acenaphthene-d10          | 14.257 | 164  | 176603   | 20.000 | ng/ul | -0.02    |
| 64) Phenanthrene-d10          | 17.063 | 188  | 442488m  | 20.000 | ng/ul | -0.02    |
| 79) Chrysene-d12              | 21.498 | 240  | 521741   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.739 | 264  | 656995   | 20.000 | ng/ul | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 7196     | 4.844  | ng/uL | -0.02    |
| 4) Pyridine-d5                | 3.611  | 84   | 16485    | 4.043  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99   | 37818    | 7.783  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 91683    | 32.104 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 102138   | 29.624 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.352  | 113  | 75124    | 19.373 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 8.787  | 128  | 59471    | 34.831 | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 69494    | 35.156 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.040 | 165  | 138007   | 32.849 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.546 | 131  | 100294   | 20.203 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 479705   | 34.188 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 491492   | 32.979 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 15150m   | 6.436  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.275 | 176  | 427264   | 35.107 | ng/ul | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200  | 85673    | 29.439 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.163 | 188  | 773568   | 37.163 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.551 | 212  | 991803   | 35.947 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.521 | 264  | 1303841  | 37.160 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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