

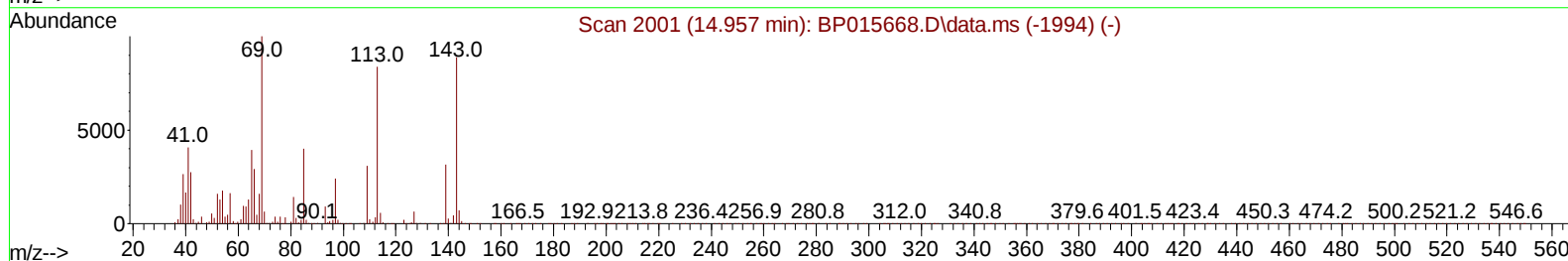
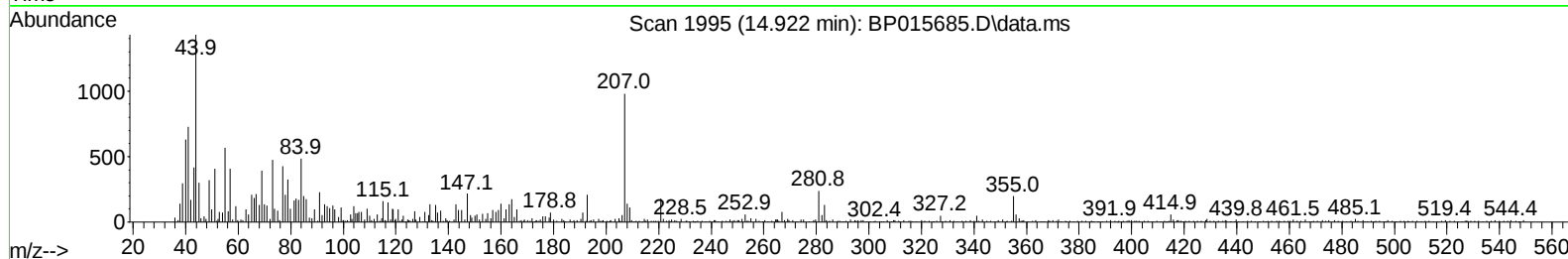
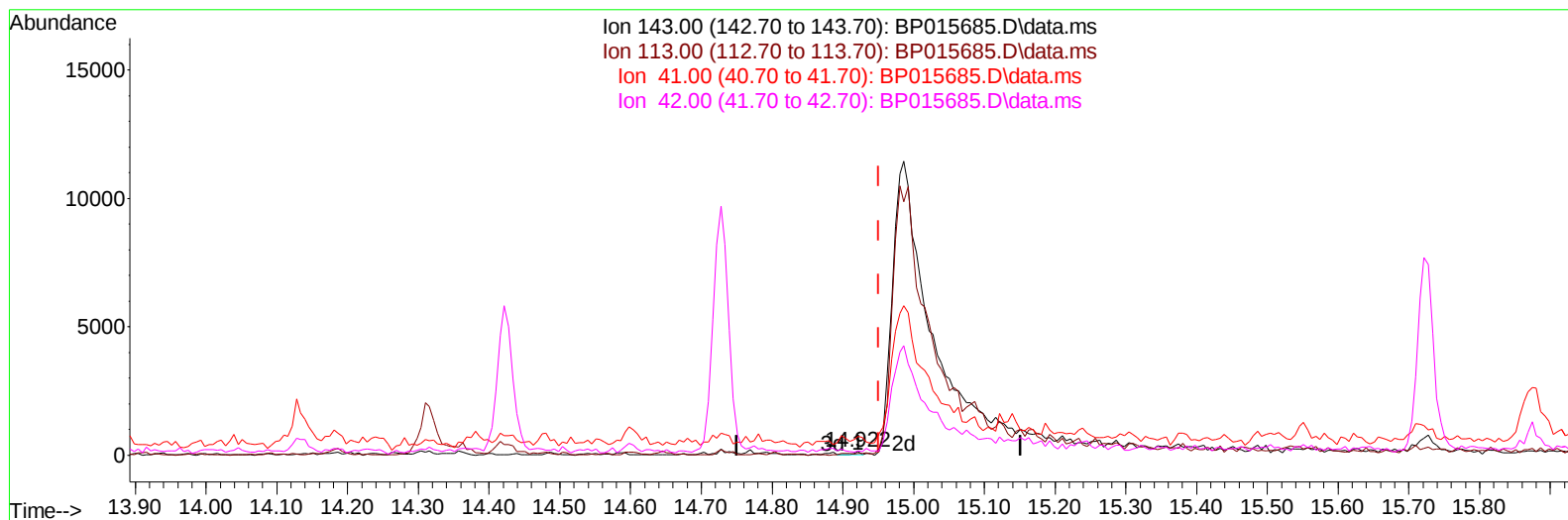
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015685.D  
 Acq On : 23 Jun 2023 22:49  
 Operator : MA/JU  
 Sample : 03084-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM4

Manual IntegrationsAPPROVED

Quant Time: Jun 24 00:38:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 22 22:01:49 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015685.D\data.ms

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

**14.922min (-0.029) 0.01 ng/u1**

**response 64**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 86.60  | 41.48#  |
| 41.00  | 42.20  | 539.26# |
| 42.00  | 29.40  | 124.44# |

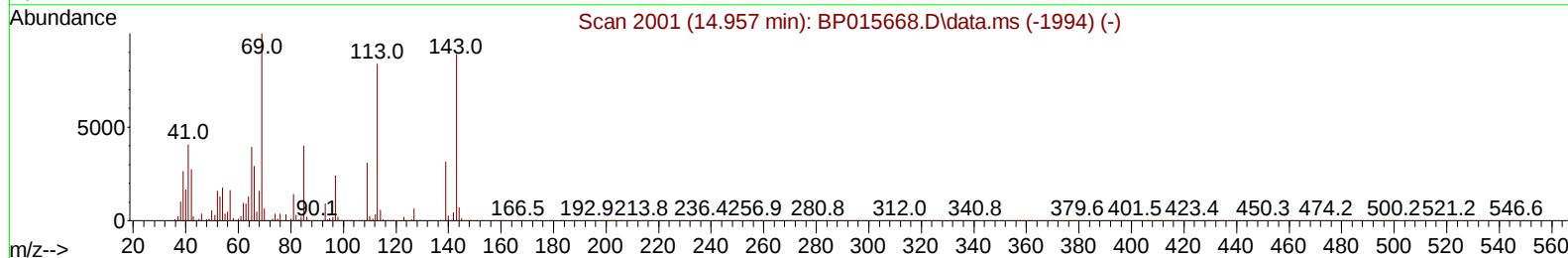
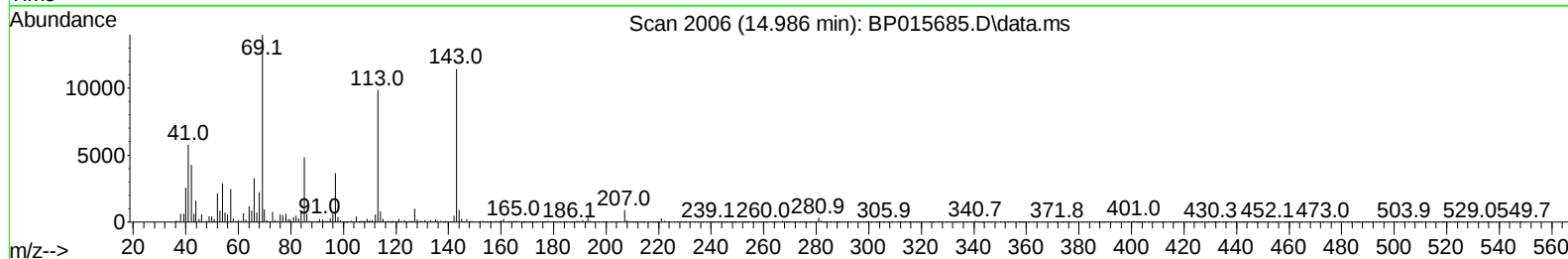
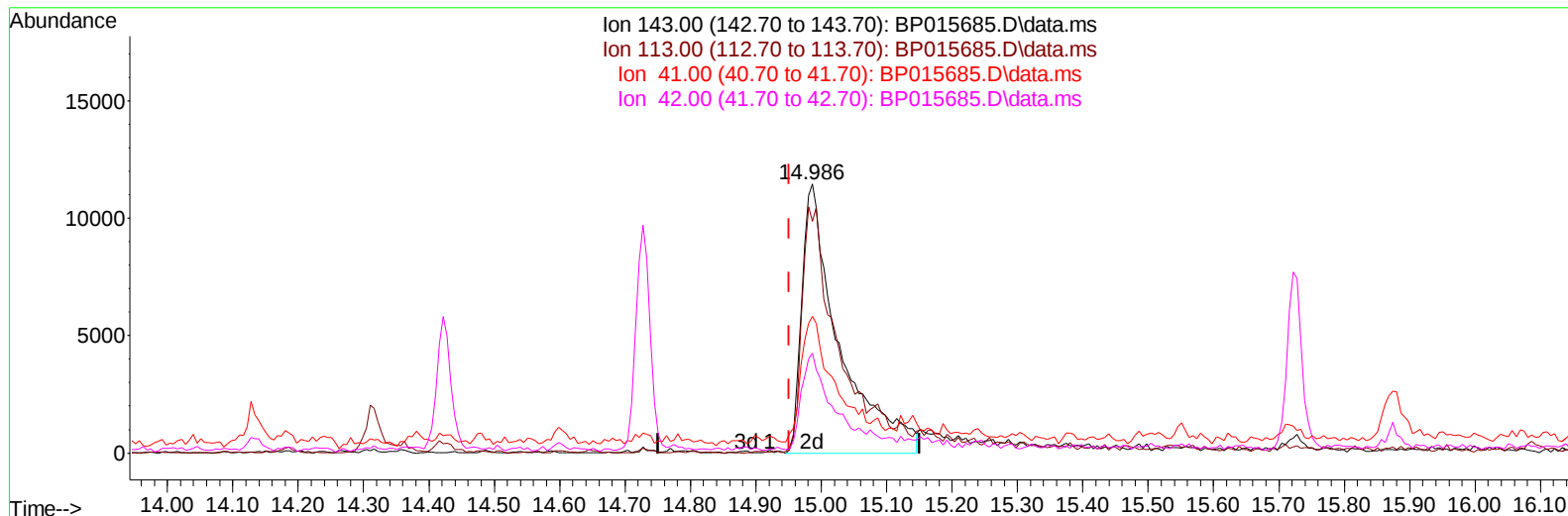
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015685.D  
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 ALS Vial : 19 Sample Multiplier: 1

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 DCFM4

Manual IntegrationsAPPROVED

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TIC: BP015685.D\data.ms

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

**14.986min (+ 0.035) 8.53 ng/ul m**

**response 45824**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 86.60  | 86.29  |
| 41.00  | 42.20  | 50.74# |
| 42.00  | 29.40  | 37.13# |

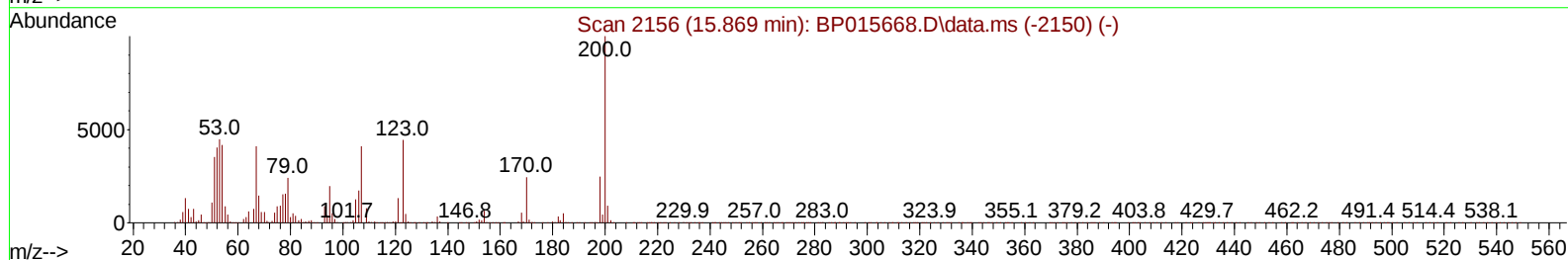
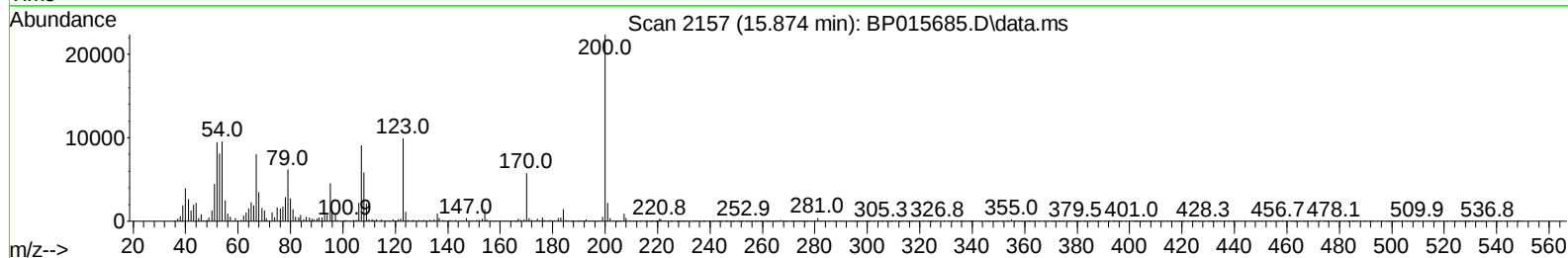
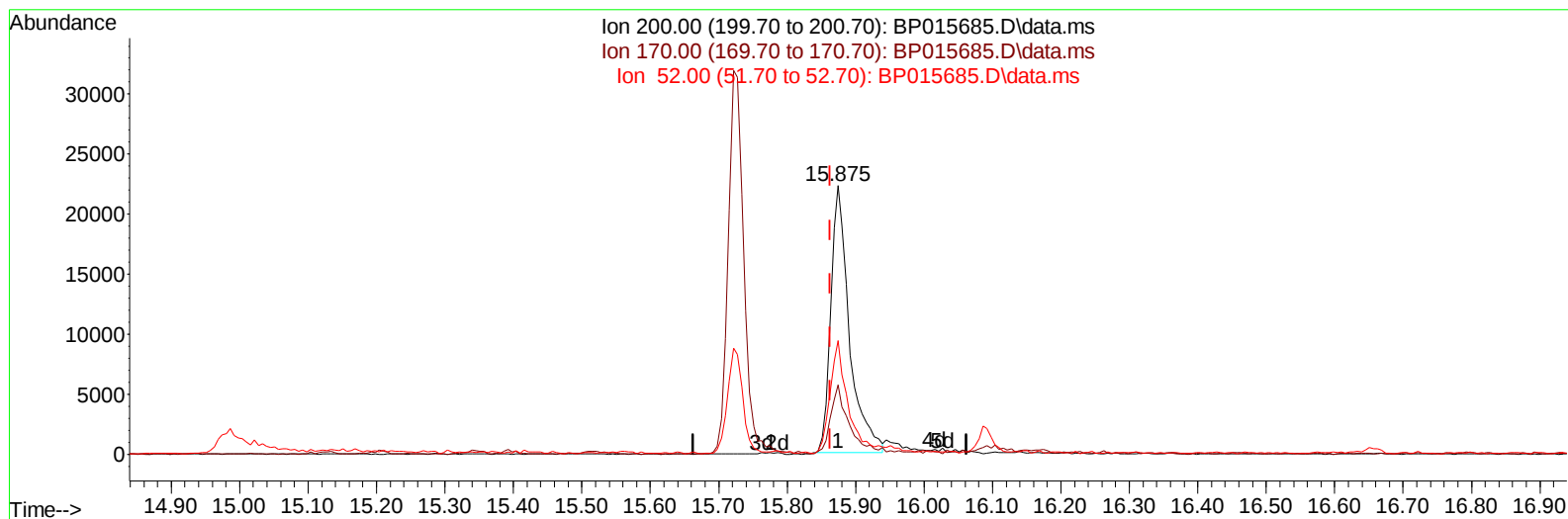
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
Data File : BP015685.D  
Acq On : 23 Jun 2023 22:49  
Operator : MA/JU  
Sample : 03084-07  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFM4

## Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2023

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TIC: BP015685.D\data.ms

**(65) 4,6-Dinitro-2-methylphenol-d2 (S)****15.874min (+ 0.012) 9.96 ng/ul****response 41836**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 22.30  | 25.81  |
| 52.00  | 46.20  | 42.30  |
| 0.00   | 0.00   | 0.00   |

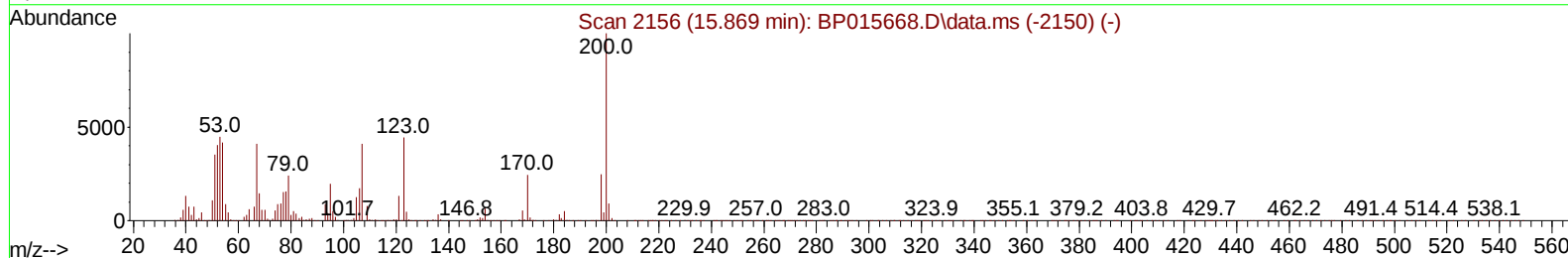
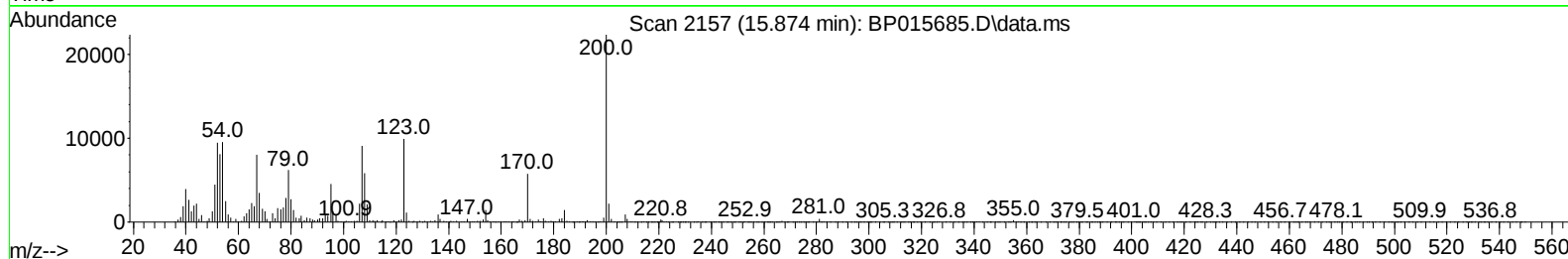
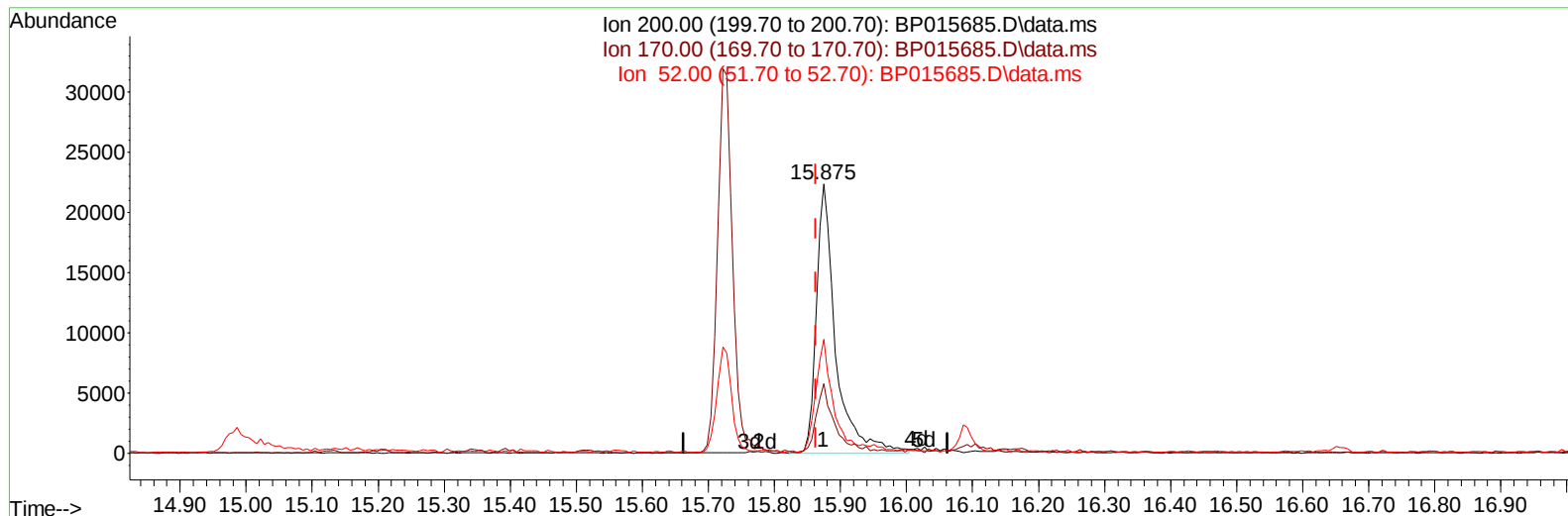
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015685.D  
 Acq On : 23 Jun 2023 22:49  
 Operator : MA/JU  
 Sample : 03084-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM4

Manual IntegrationsAPPROVED

Quant Time: Jun 24 00:38:15 2023  
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 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015685.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.874min (+ 0.012) 10.71 ng/ul m

response 45005

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 22.30  | 25.81  |
| 52.00  | 46.20  | 42.30  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015685.D  
 Acq On : 23 Jun 2023 22:49  
 Operator : MA/JU  
 Sample : 03084-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFM4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 00:43:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 22 22:01:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 164892   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.904 | 136  | 662340   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.727 | 164  | 380376   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 663313   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.580 | 240  | 558939   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.145 | 264  | 694702   | 20.000 | ng/ul | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.399  | 96   | 11162    | 2.507  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 7.246  | 99   | 213724   | 14.069 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.404  | 67   | 140270   | 15.461 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.610  | 132  | 178715   | 16.226 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.804  | 113  | 147099   | 11.799 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.263  | 128  | 87722    | 16.870 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.992  | 143  | 97538    | 16.425 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.545 | 165  | 165421   | 15.271 | ng/ul | 0.01     |
| 31) 4-Chloroaniline-d4        | 11.075 | 131  | 83110    | 5.345  | ng/ul | 0.02     |
| 46) Dimethylphthalate-d6      | 14.133 | 166  | 530562   | 17.688 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.422 | 160  | 575585   | 17.549 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.986 | 143  | 45824m   | 8.531  | ng/ul | 0.04     |
| 60) Fluorene-d10              | 15.727 | 176  | 407285   | 16.102 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.874 | 200  | 45005m   | 10.710 | ng/ul | 0.01     |
| 73) Anthracene-d10            | 17.592 | 188  | 470985   | 15.606 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.815 | 212  | 569947   | 19.052 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.968 | 264  | 604058   | 17.329 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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DCFM4

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