

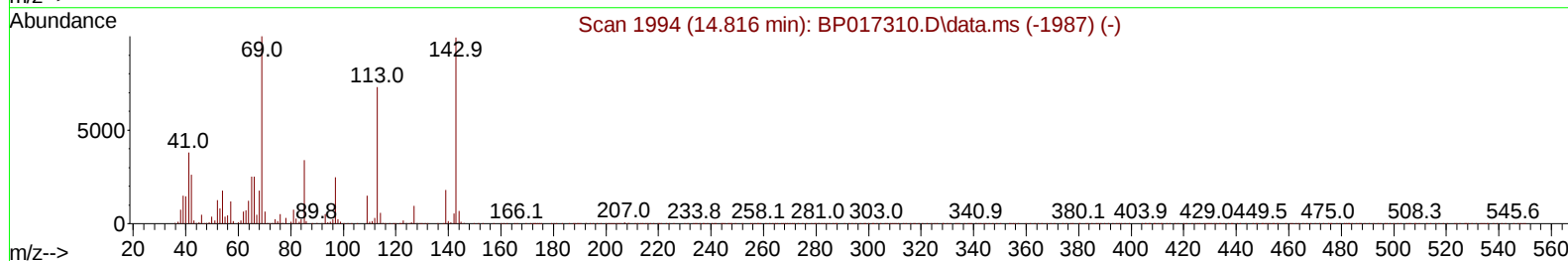
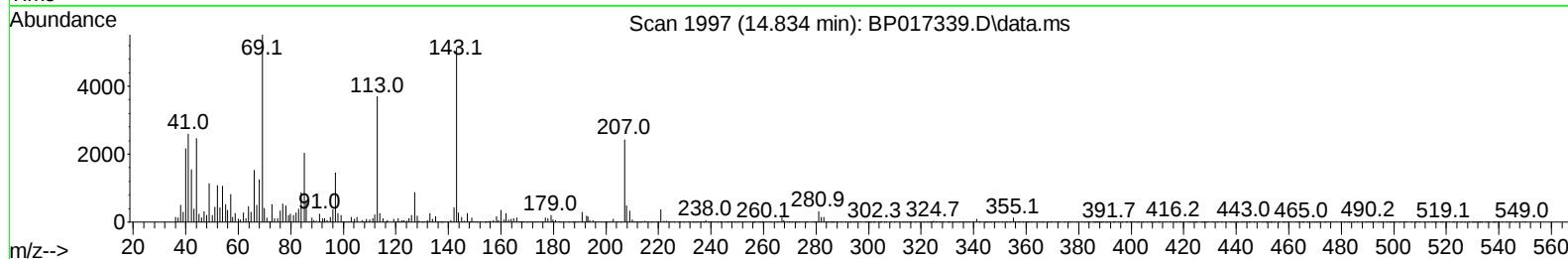
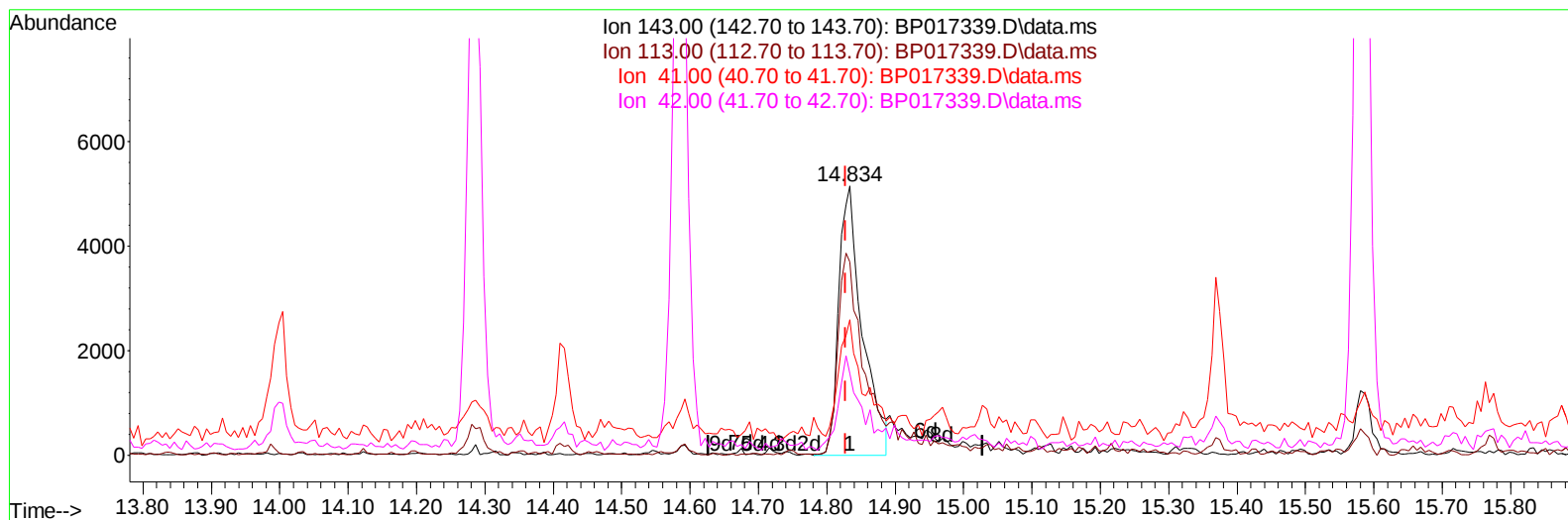
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092523\  
Data File : BP017339.D  
Acq On : 26 Sep 2023 01:32  
Operator : MA/JU  
Sample : 04472-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EZYM7

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:08:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 21 23:51:07 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :mohammad ahmed 09/29/2023



TIC: BP017339.D\data.ms

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

**14.834min (+ 0.006) 1.72 ng/u1**

**response 12247**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.90  | 71.86  |
| 41.00  | 36.70  | 50.39# |
| 42.00  | 26.40  | 30.30  |

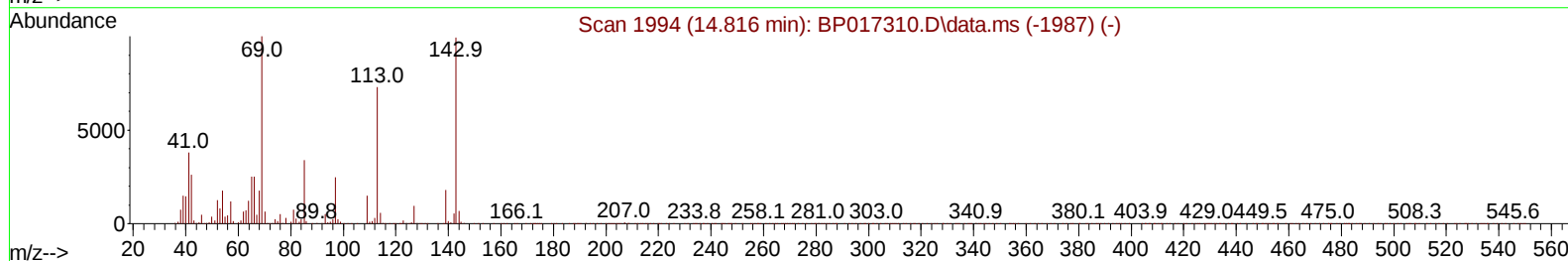
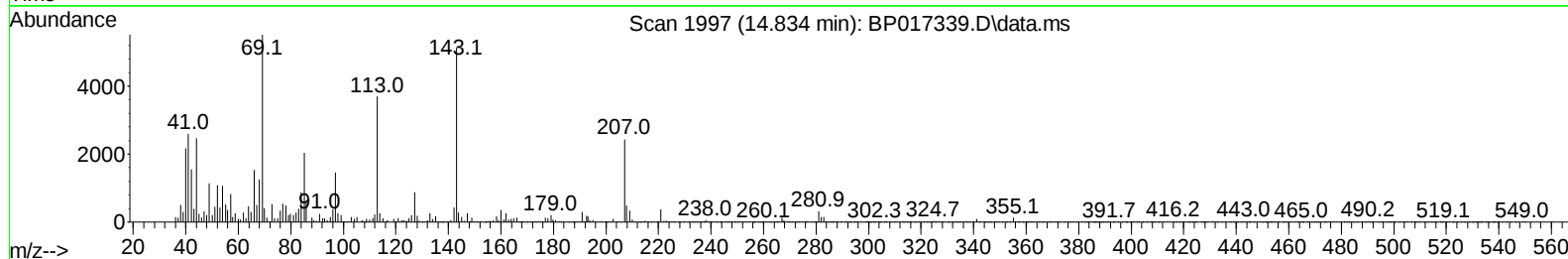
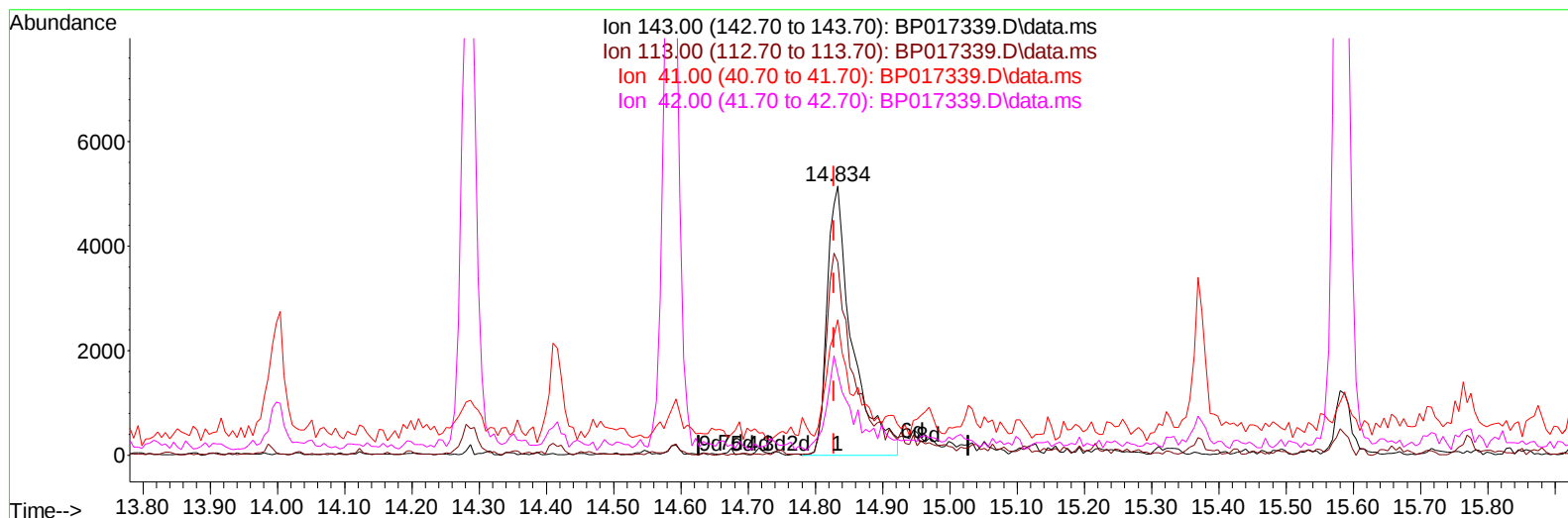
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092523\  
 Data File : BP017339.D  
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 Operator : MA/JU  
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 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYM7

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:08:12 2023  
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 QLast Update : Thu Sep 21 23:51:07 2023  
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Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :mohammad ahmed 09/29/2023



TIC: BP017339.D\data.ms

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

**14.834min (+ 0.006) 1.87 ng/ul m**

**response 13311**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.90  | 71.86  |
| 41.00  | 36.70  | 50.39# |
| 42.00  | 26.40  | 30.30  |

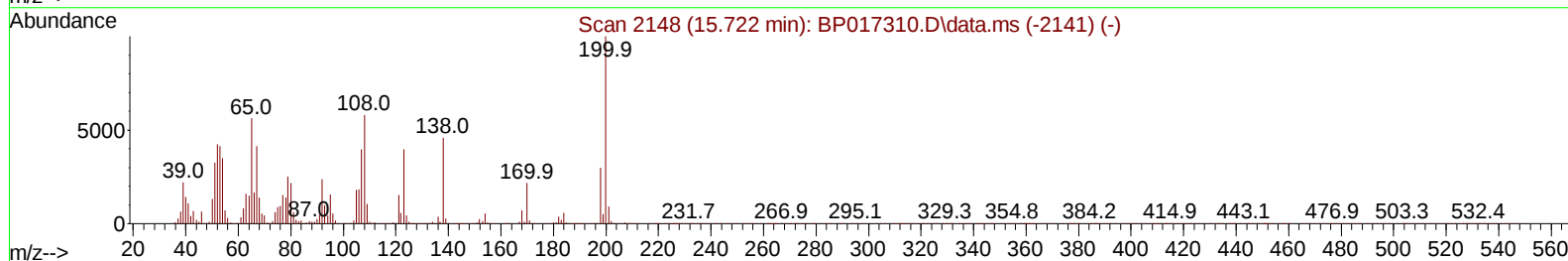
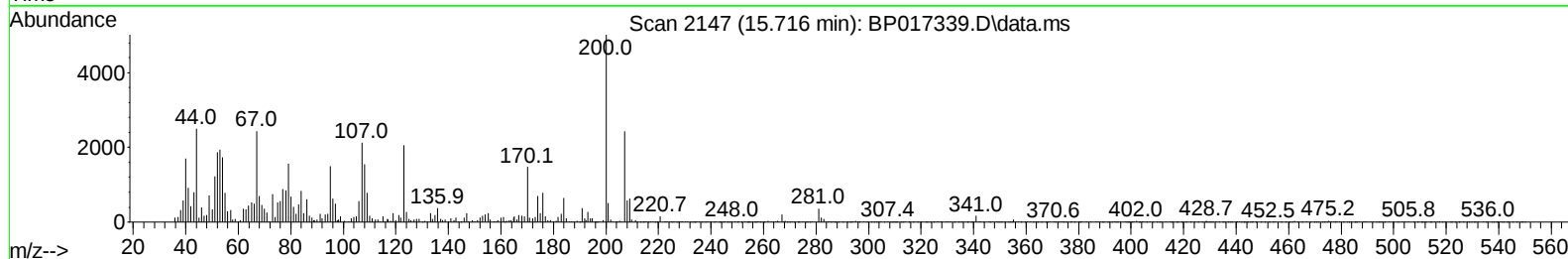
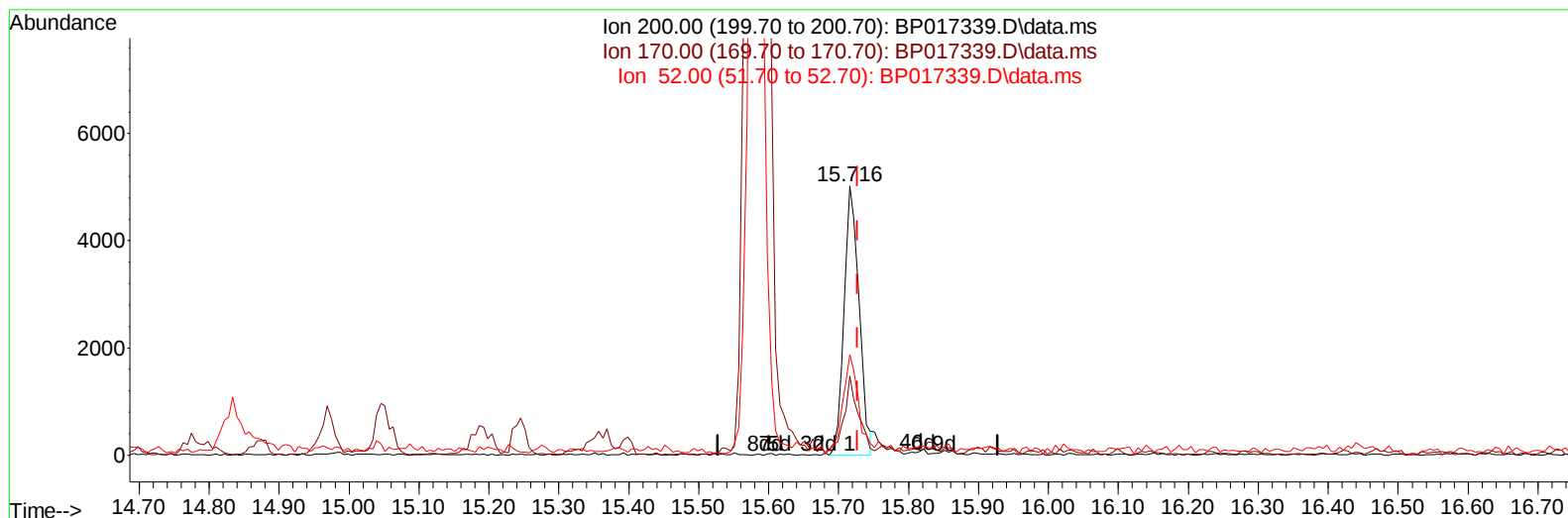
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092523\  
Data File : BP017339.D  
Acq On : 26 Sep 2023 01:32  
Operator : MA/JU  
Sample : 04472-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EZYM7

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:08:12 2023  
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Reviewed By :Yogesh Patel 09/26/2023  
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TIC: BP017339.D\data.ms

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

15.716min (-0.012) 1.01 ng/u1

response 7614

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.80  | 29.35# |
| 52.00  | 41.50  | 37.47  |
| 0.00   | 0.00   | 0.00   |

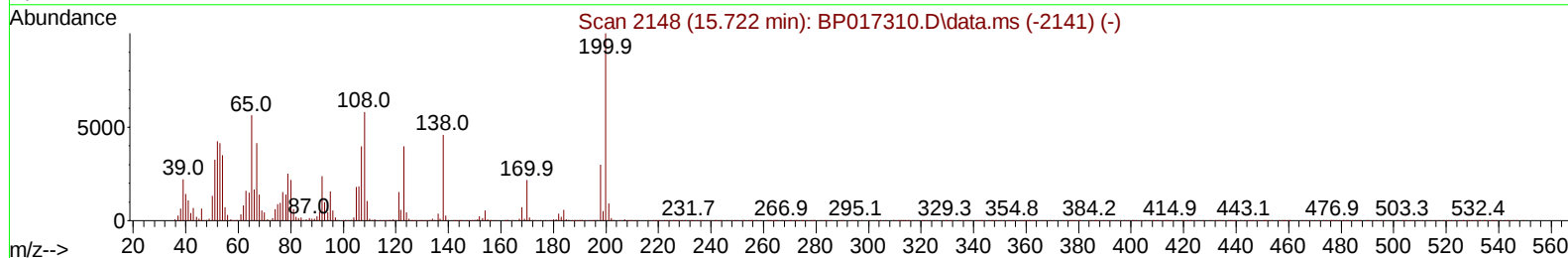
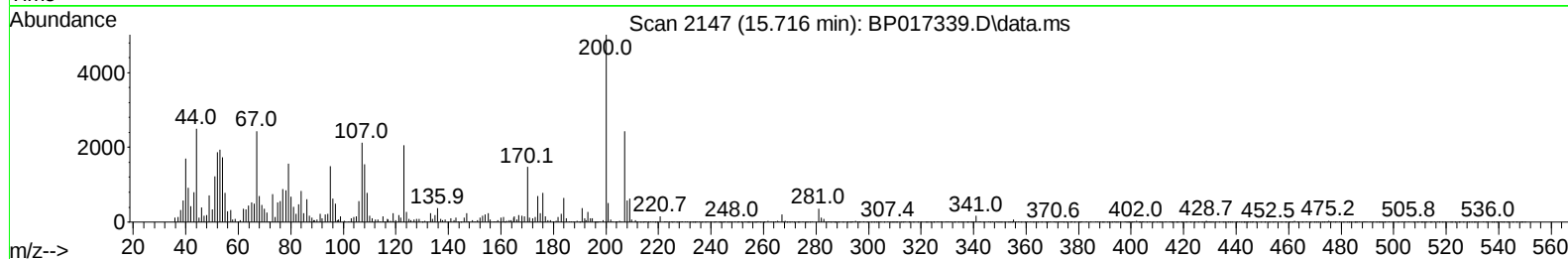
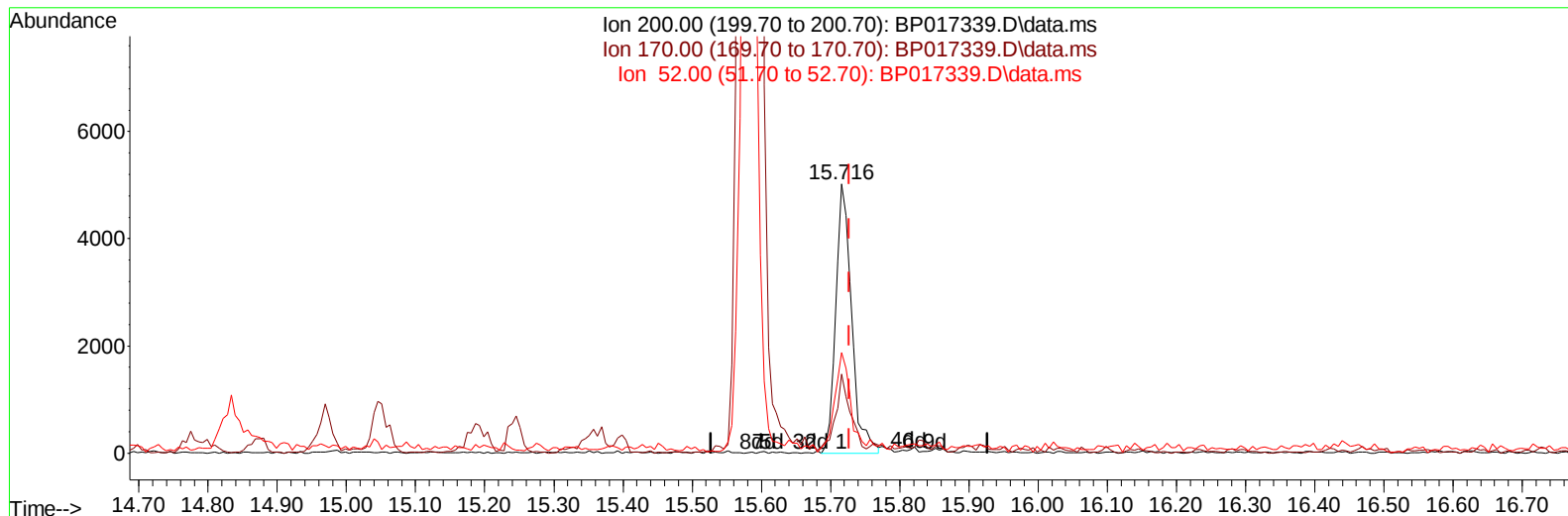
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092523\  
Data File : BP017339.D  
Acq On : 26 Sep 2023 01:32  
Operator : MA/JU  
Sample : 04472-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EZYM7

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:08:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 09/26/2023  
Supervised By :mohammad ahmed 09/29/2023



TIC: BP017339.D\data.ms

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

15.716min (-0.012) 1.06 ng/ul m

response 7952

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.80  | 29.35# |
| 52.00  | 41.50  | 37.47  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092523\  
 Data File : BP017339.D  
 Acq On : 26 Sep 2023 01:32  
 Operator : MA/JU  
 Sample : 04472-20  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYM7

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2023  
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 26 02:09:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 21 23:51:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 203238   | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.752 | 136  | 894785   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.587 | 164  | 569992   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.357 | 188  | 1337202  | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.463 | 240  | 1325014  | 20.000 | ng/ul | -0.01    |
| 88) Perylene-d12              | 23.974 | 264  | 1488140  | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 21714    | 4.388  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 292861   | 21.171 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99   | 230403   | 13.803 | ng/ul | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.269  | 67   | 243081   | 24.131 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.446  | 132  | 125837   | 9.505  | ng/ul | -0.02    |
| 15) 4-Methylphenol-d8         | 8.640  | 113  | 279030   | 21.502 | ng/ul | -0.02    |
| 21) Nitrobenzene-d5           | 9.122  | 128  | 154395   | 23.868 | ng/ul | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.840  | 143  | 47602    | 6.777  | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.363 | 165  | 105735   | 7.968  | ng/ul | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.916 | 131  | 472408   | 24.575 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 14.004 | 166  | 1066001  | 26.107 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.287 | 160  | 1195820  | 25.463 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.834 | 143  | 13311m   | 1.871  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.581 | 176  | 977181   | 27.798 | ng/ul | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 200  | 7952m    | 1.055  | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.457 | 188  | 1535870  | 25.897 | ng/ul | -0.01    |
| 81) Pyrene-d10                | 19.698 | 212  | 1972911  | 27.534 | ng/ul | -0.02    |
| 92) Benzo(a)pyrene-d12        | 23.810 | 264  | 1944719  | 27.142 | ng/ul | -0.02    |

Target Compounds Qvalue

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

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