

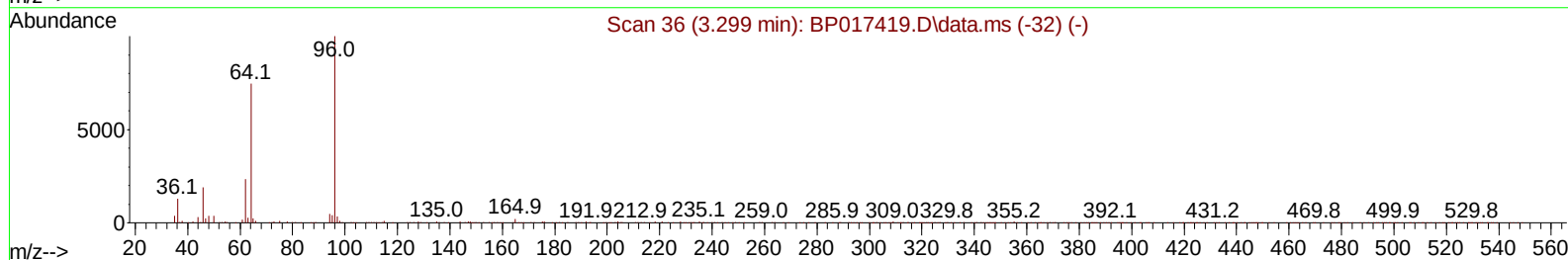
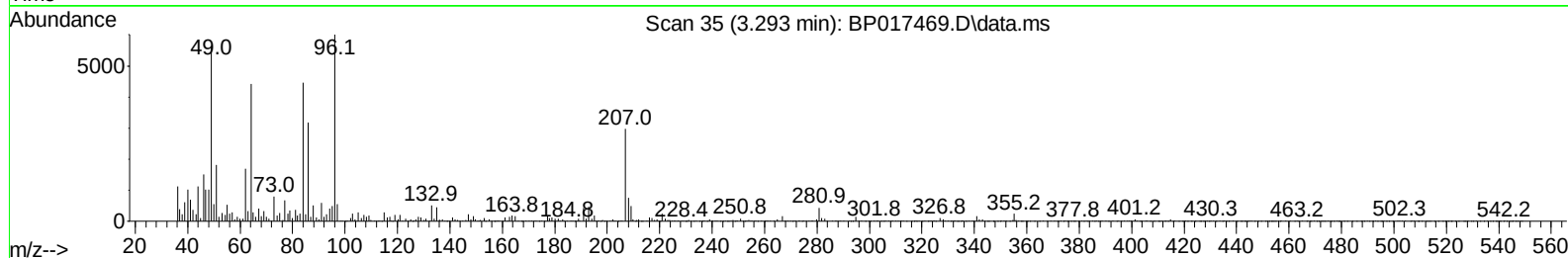
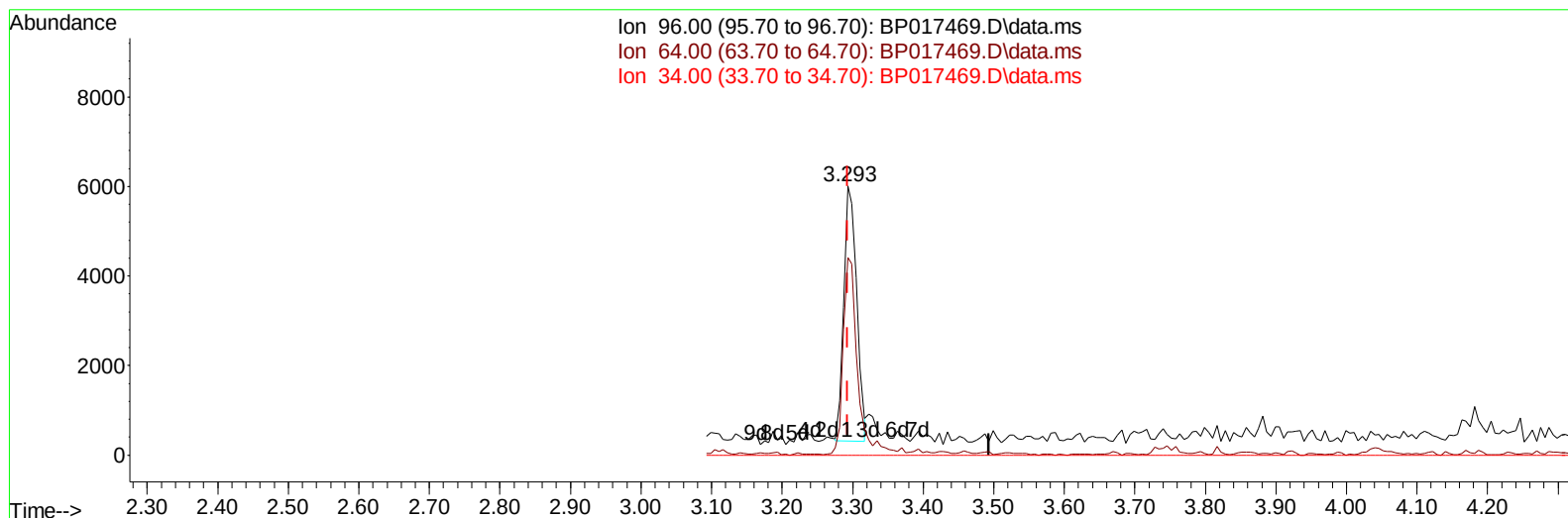
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017469.D  
 Acq On : 30 Sep 2023 05:14  
 Operator : MA/JU  
 Sample : 04571-05  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBK58

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:50:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 30 04:02:20 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/02/2023  
 Supervised By :mohammad ahmed 10/03/2023



TIC: BP017469.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.293min (+ 0.000) 1.51 ng/uL**

**response 7292**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.30  | 73.50  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

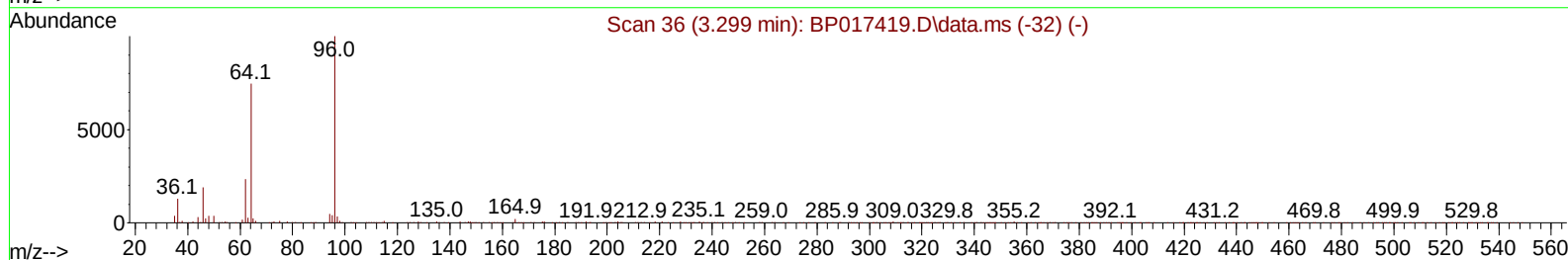
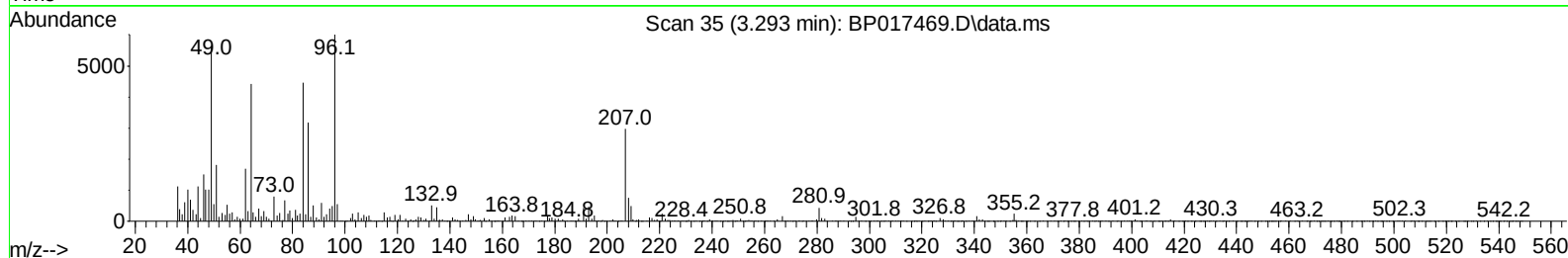
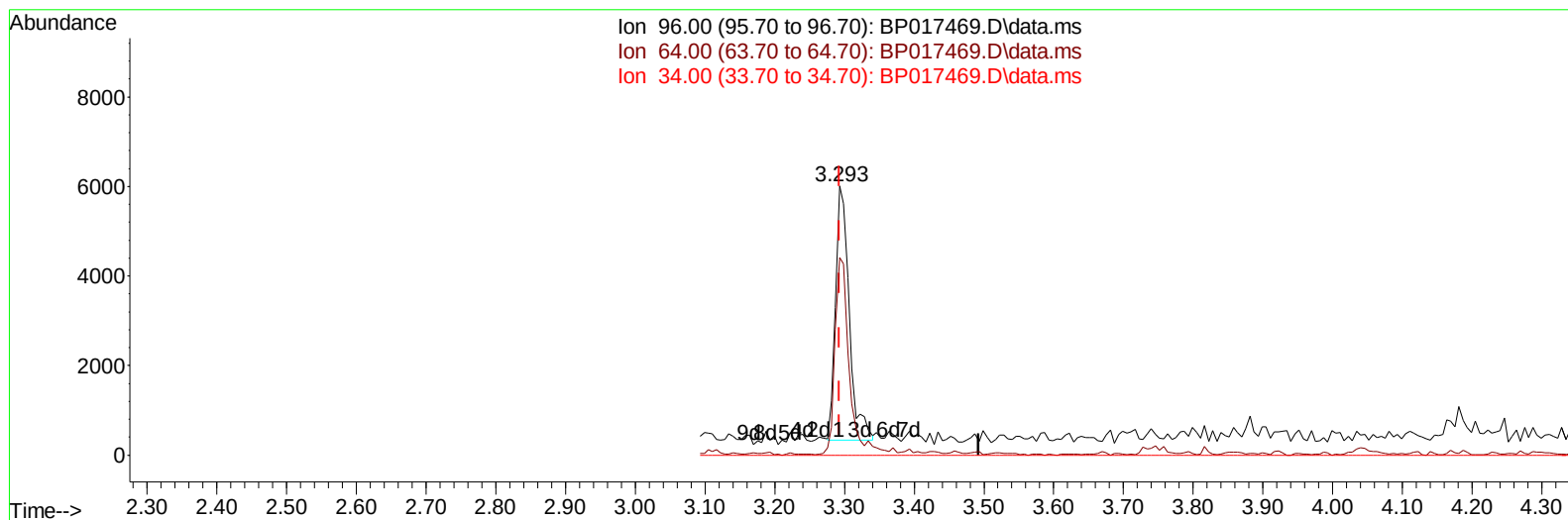
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
 Data File : BP017469.D  
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Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:50:50 2023  
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Reviewed By :Yogesh Patel 10/02/2023  
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TIC: BP017469.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.293min (+ 0.000) 1.59 ng/uL m**

**response 7719**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.30  | 73.50  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

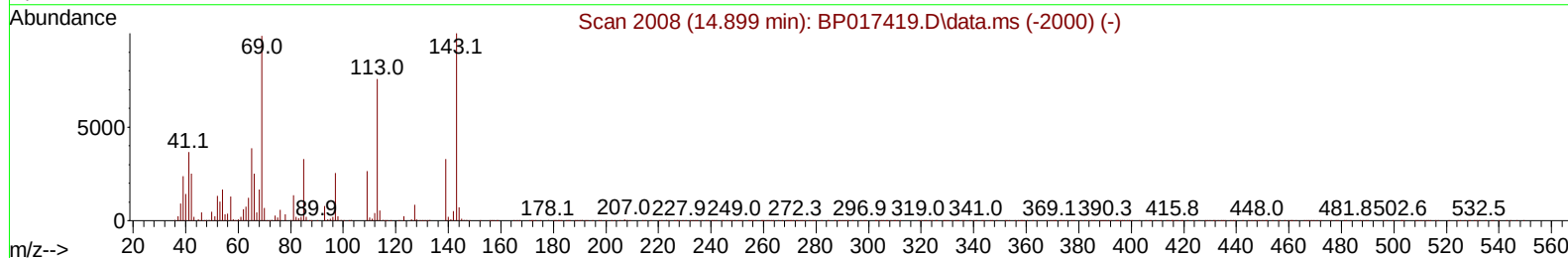
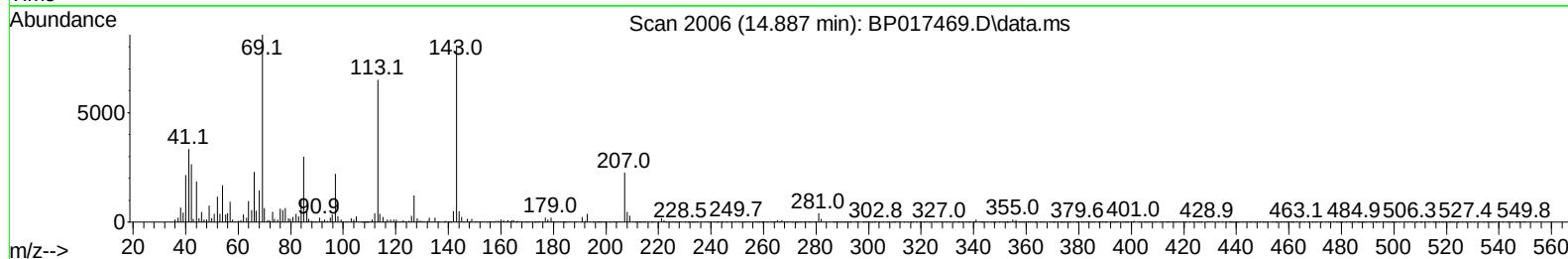
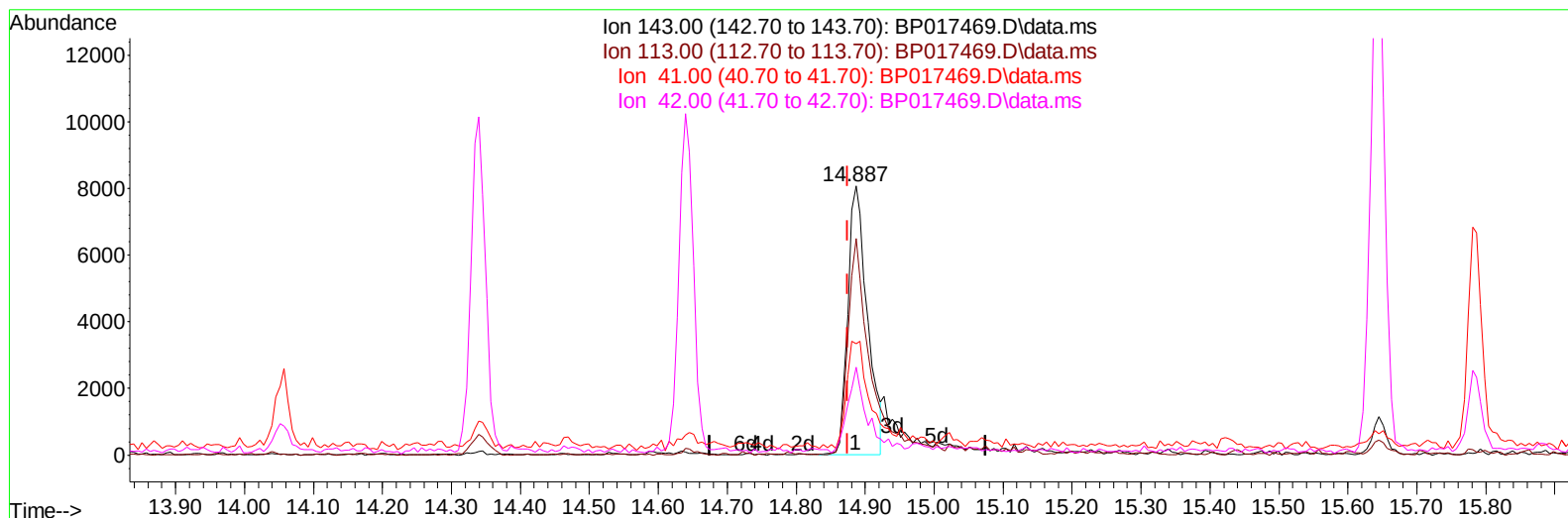
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
Data File : BP017469.D  
Acq On : 30 Sep 2023 05:14  
Operator : MA/JU  
Sample : 04571-05  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BBK58

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023  
Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 05:51:18 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 30 04:02:20 2023  
Response via : Initial Calibration



TIC: BP017469.D\data.ms

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

14.887min (+ 0.012) 2.67 ng/ul

response 15760

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.90  | 80.60  |
| 41.00  | 36.70  | 41.47  |
| 42.00  | 26.40  | 32.63# |

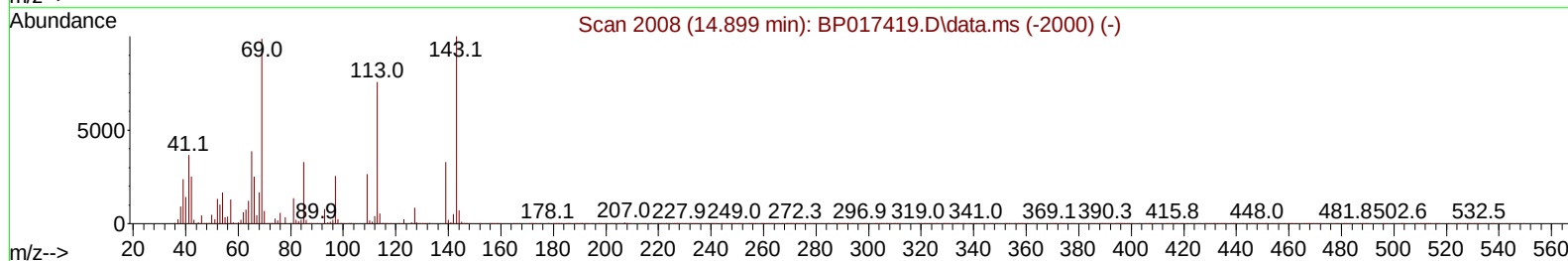
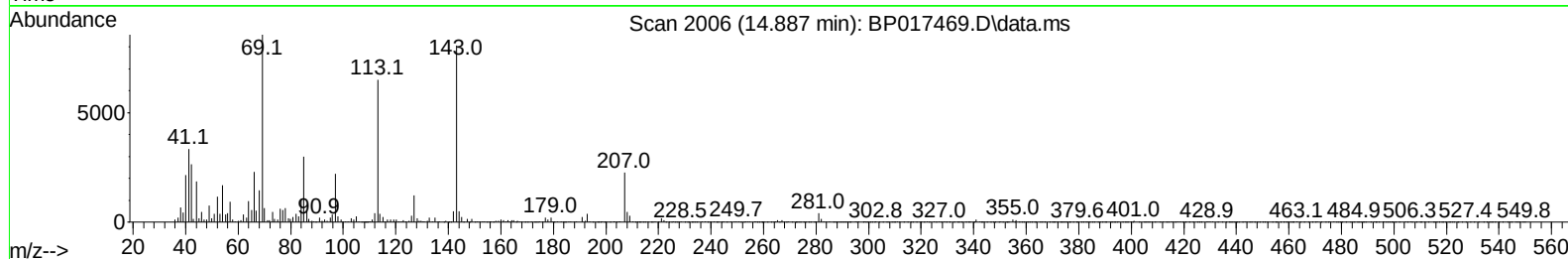
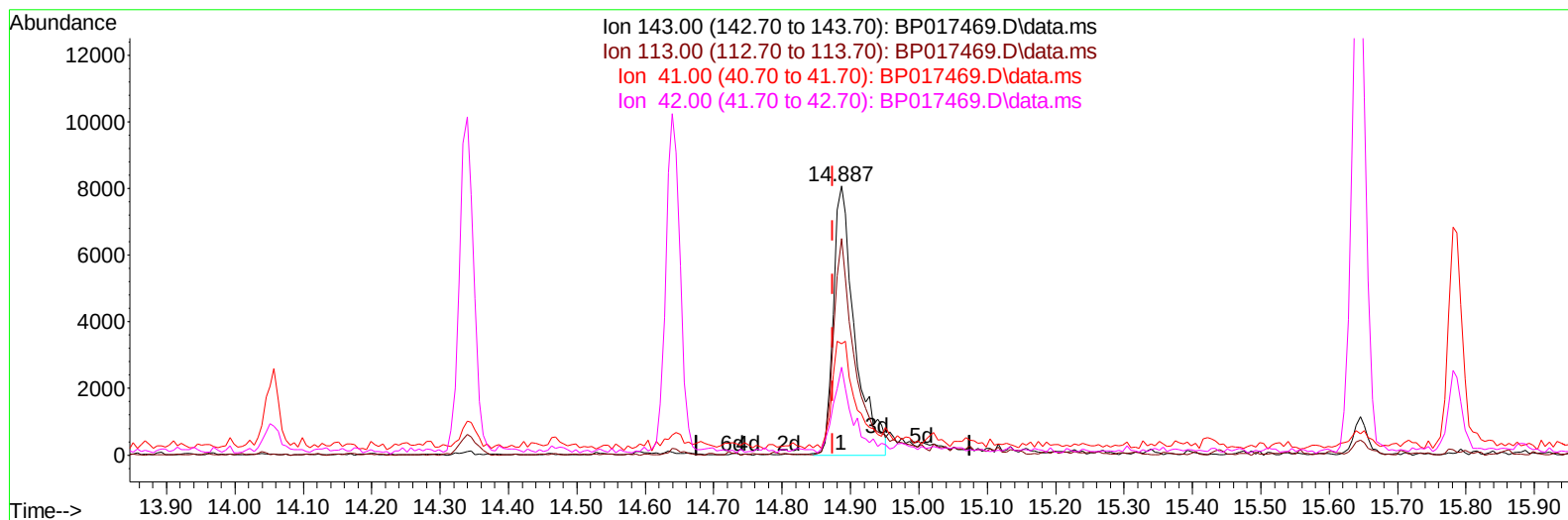
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
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 Operator : MA/JU  
 Sample : 04571-05  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBK58

Manual IntegrationsAPPROVED

Quant Time: Sep 30 05:51:18 2023  
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 Supervised By :mohammad ahmed 10/03/2023



TIC: BP017469.D\data.ms

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

**14.887min (+ 0.012) 2.99 ng/ul m**

**response 17667**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.90  | 80.60  |
| 41.00  | 36.70  | 41.47  |
| 42.00  | 26.40  | 32.63# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092923\  
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 Operator : MA/JU  
 Sample : 04571-05  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BBK58

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023  
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 05:52:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 30 04:02:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 198858   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.787 | 136  | 786326   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 472851   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.428 | 188  | 1037402  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 1082620  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.127 | 264  | 1235146  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 7719m    | 1.594  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.734  | 84   | 94662    | 6.994  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.105  | 99   | 85002    | 5.205  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.287  | 67   | 268721   | 27.264 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.469  | 132  | 269675   | 20.819 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.669  | 113  | 160230   | 12.619 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.157  | 128  | 179943   | 31.654 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.875  | 143  | 184096   | 29.825 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.399 | 165  | 305146   | 26.167 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 378155   | 22.386 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.057 | 166  | 1017850  | 30.048 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.339 | 160  | 1164795  | 29.898 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 17667m   | 2.994  | ng/ul | 0.01     |
| 60) Fluorene-d10              | 15.645 | 176  | 889923   | 30.516 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.786 | 200  | 118251   | 20.224 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.528 | 188  | 1424933  | 30.970 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.780 | 212  | 1719941  | 29.378 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.963 | 264  | 1740548  | 29.268 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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