

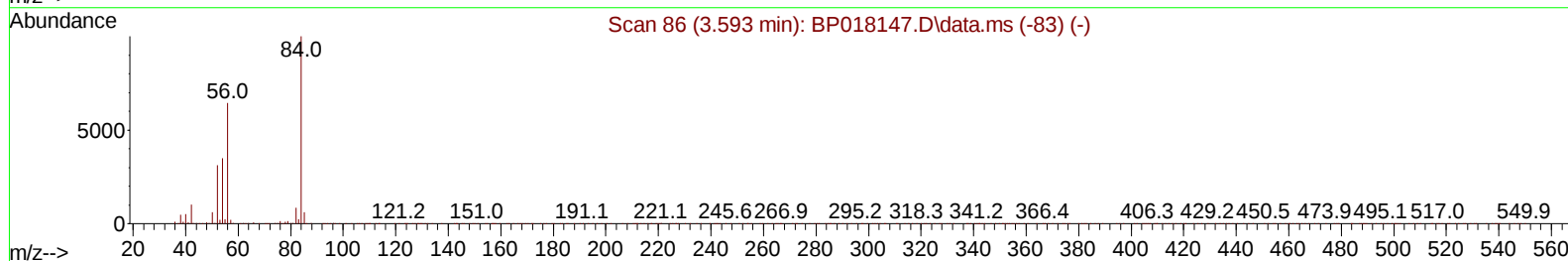
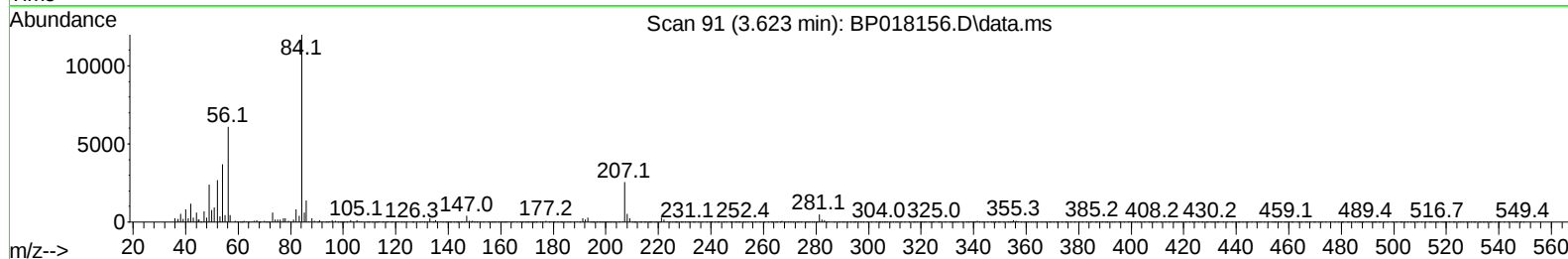
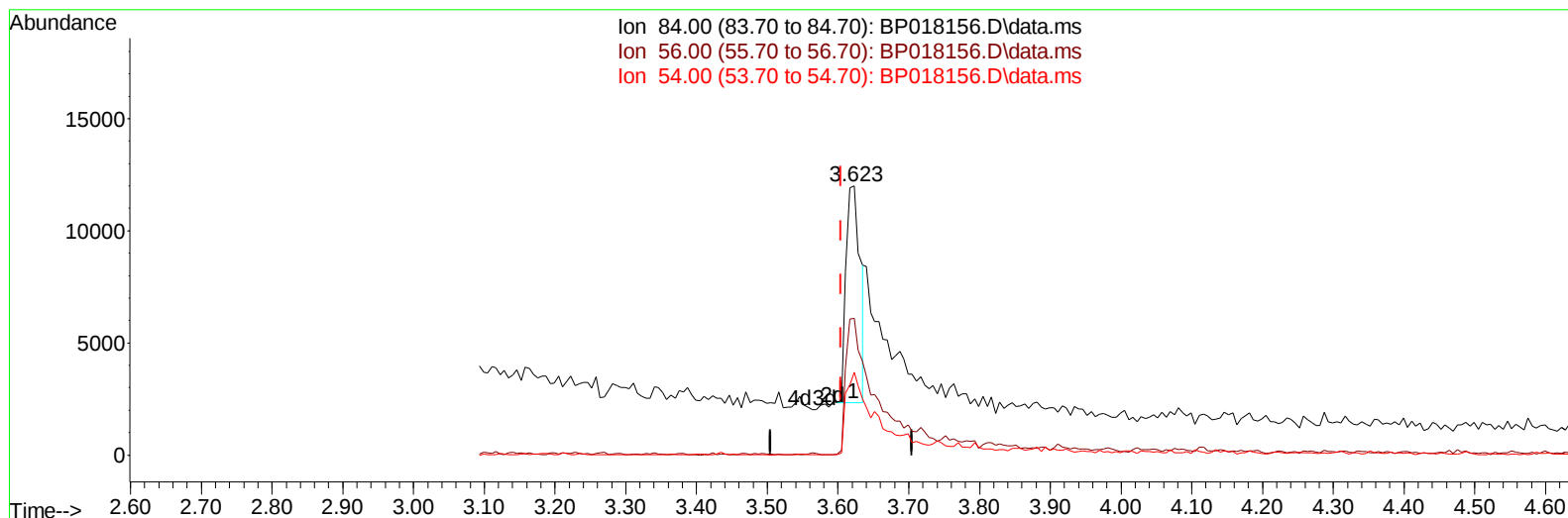
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111423\  
 Data File : BP018156.D  
 Acq On : 14 Nov 2023 15:36  
 Operator : MA/JU  
 Sample : 05337-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDH9

Manual IntegrationsAPPROVED

Quant Time: Nov 15 00:38:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 13 15:50:18 2023  
 Response via : Initial Calibration

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



TIC: BP018156.D\data.ms

(4) Pyridine-d5 (S)

3.623min (+ 0.018) 2.11 ng/u1

response 13407

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 60.30  | 50.89  |
| 54.00 | 35.20  | 30.90  |
| 0.00  | 0.00   | 0.00   |

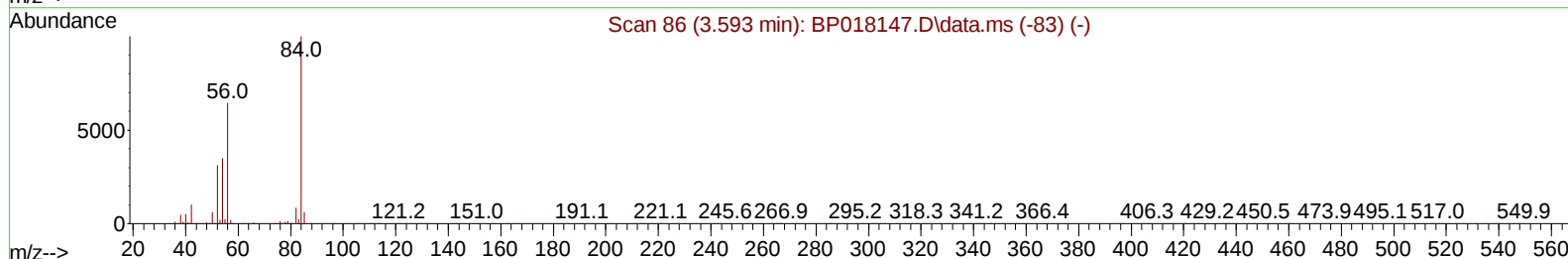
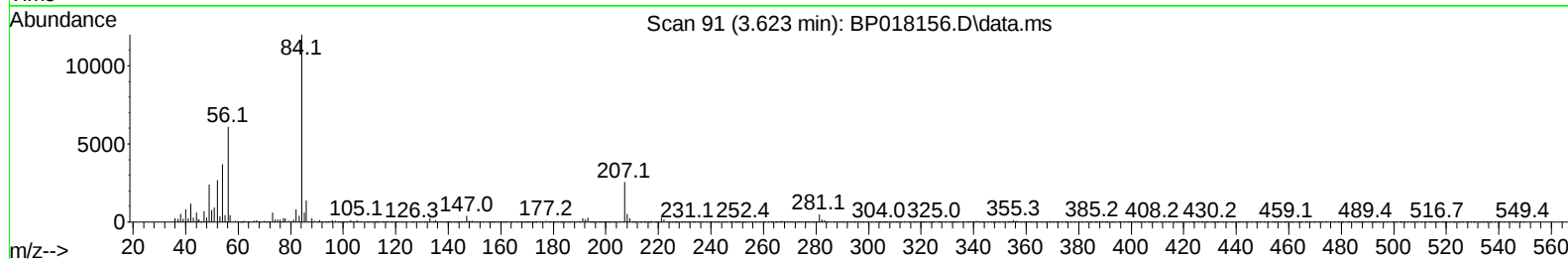
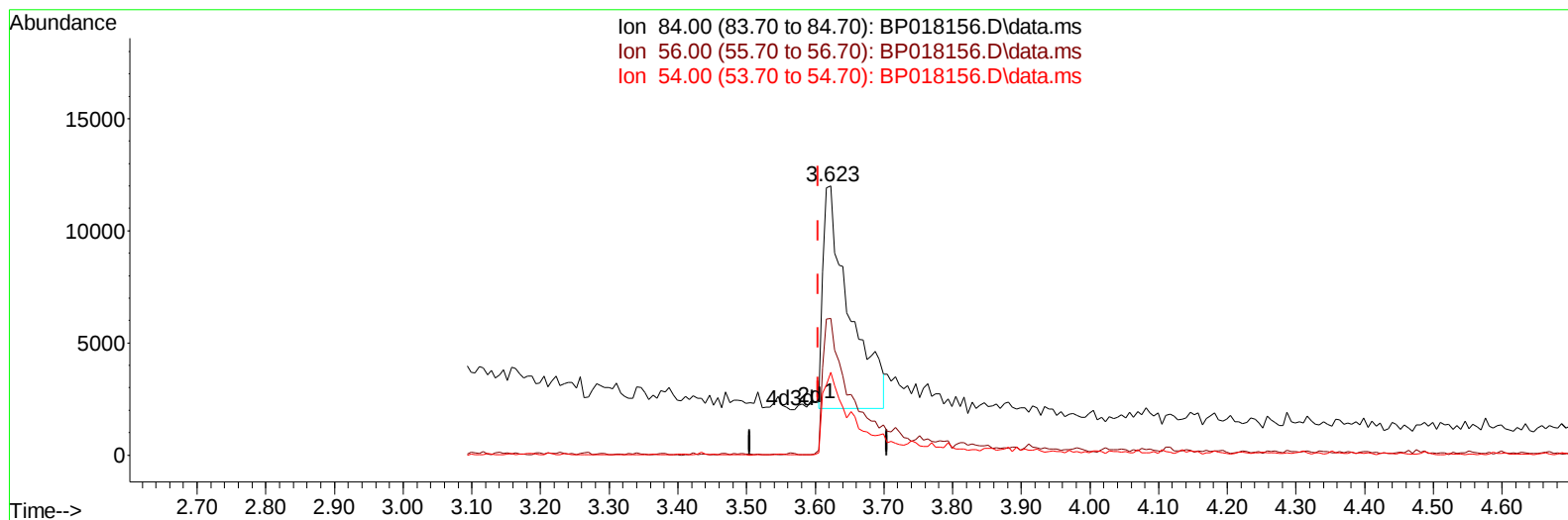
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111423\  
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BP018156.D\data.ms

**(4) Pyridine-d5 (S)**

**3.623min (+ 0.018) 4.12 ng/ul m**

|                 |               |               |
|-----------------|---------------|---------------|
| <b>response</b> | <b>26195</b>  |               |
| <b>Ion</b>      | <b>Exp%</b>   | <b>Act%</b>   |
| <b>84.00</b>    | <b>100.00</b> | <b>100.00</b> |
| <b>56.00</b>    | <b>60.30</b>  | <b>50.89</b>  |
| <b>54.00</b>    | <b>35.20</b>  | <b>30.90</b>  |
| <b>0.00</b>     | <b>0.00</b>   | <b>0.00</b>   |

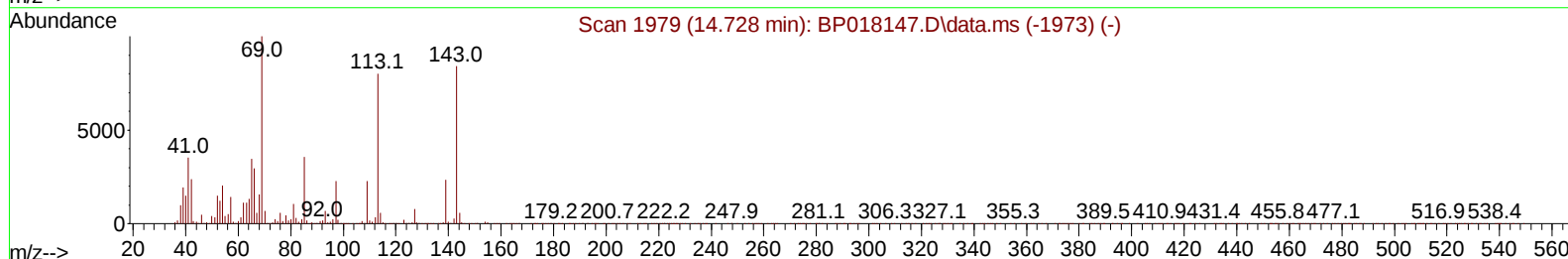
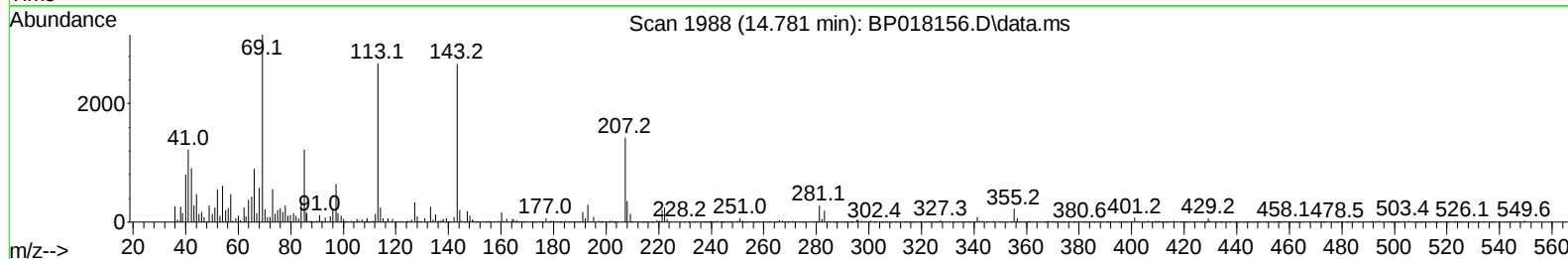
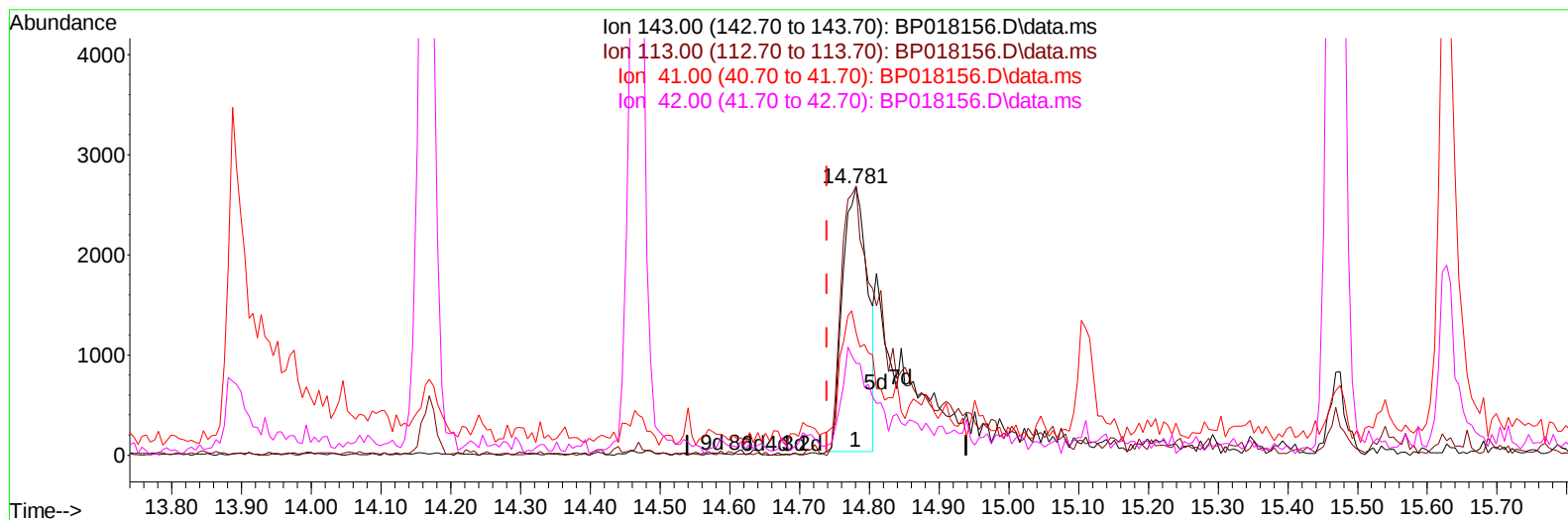
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111423\  
 Data File : BP018156.D  
 Acq On : 14 Nov 2023 15:36  
 Operator : MA/JU  
 Sample : 05337-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDH9

Manual IntegrationsAPPROVED

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TIC: BP018156.D\data.ms

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

**14.781min (+ 0.041) 2.10 ng/u1**

**response 6468**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.00 | 100.41 |
| 41.00  | 47.70  | 45.66  |
| 42.00  | 30.10  | 34.18  |

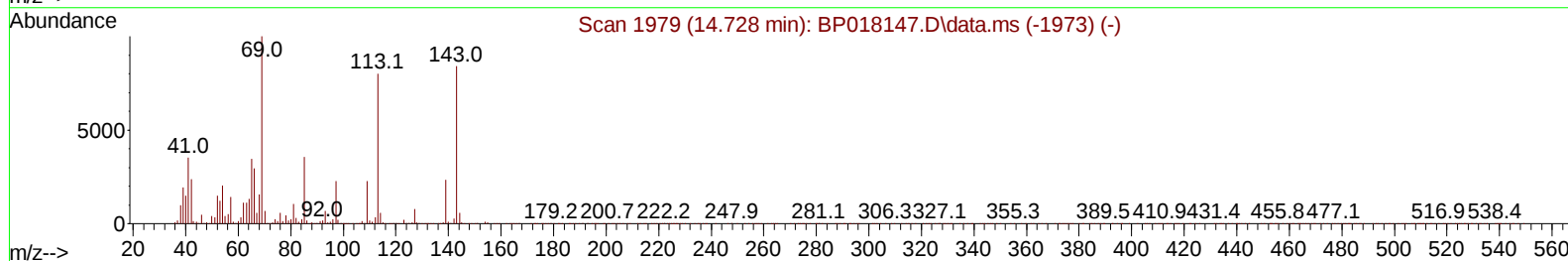
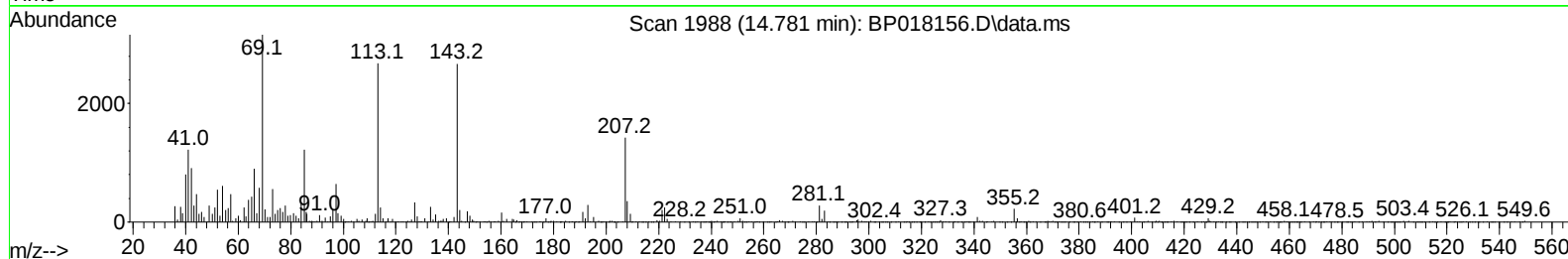
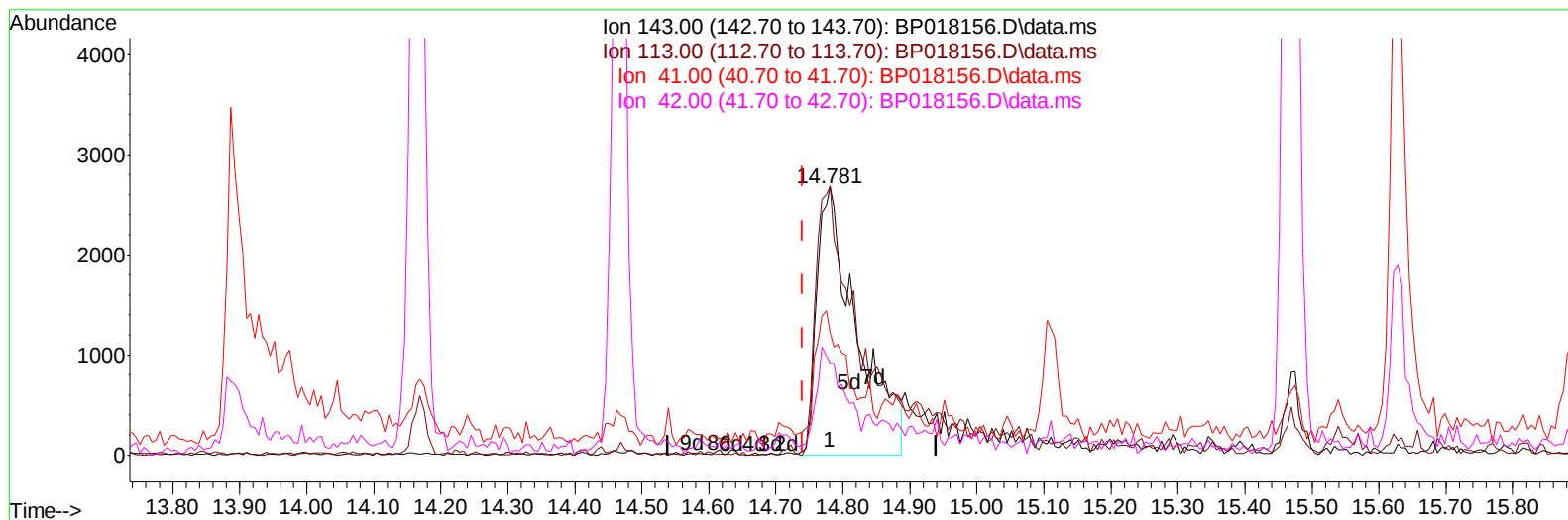
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Data File : BP018156.D  
Acq On : 14 Nov 2023 15:36  
Operator : MA/JU  
Sample : 05337-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCDH9

Manual IntegrationsAPPROVED

Quant Time: Nov 15 00:38:23 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 11/16/2023  
Supervised By :mohammad ahmed 11/16/2023



TIC: BP018156.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.781min (+ 0.041) 3.57 ng/ul m

response 10997

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.00 | 100.41 |
| 41.00  | 47.70  | 45.66  |
| 42.00  | 30.10  | 34.18  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111423\  
 Data File : BP018156.D  
 Acq On : 14 Nov 2023 15:36  
 Operator : MA/JU  
 Sample : 05337-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDH9

## Manual IntegrationsAPPROVED

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

Quant Time: Nov 15 01:09:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 13 15:50:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 85973    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.605 | 136  | 354658   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.469 | 164  | 223398   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 514933   | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.380 | 240  | 539895   | 20.000 | ng/ul | -0.01    |
| 88) Perylene-d12              | 23.851 | 264  | 605329   | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.164  | 96   | 7241     | 2.971  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.623  | 84   | 26195m   | 4.122  | ng/ul | 0.02     |
| 7) Phenol-d5                  | 6.964  | 99   | 39183    | 4.721  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 137223   | 28.133 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.311  | 132  | 126043   | 19.176 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 79340    | 11.665 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 82254    | 25.742 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 88006    | 24.311 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.234 | 165  | 138235   | 21.426 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.793 | 131  | 148405   | 16.773 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.893 | 166  | 611692   | 29.676 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.163 | 160  | 603789   | 26.894 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.781 | 143  | 10997m   | 3.570  | ng/ul | 0.04     |
| 60) Fluorene-d10              | 15.469 | 176  | 494210   | 29.041 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.628 | 200  | 90942    | 24.430 | ng/ul | -0.04    |
| 73) Anthracene-d10            | 17.351 | 188  | 872311   | 31.322 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 1158169  | 32.115 | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.686 | 264  | 1176366  | 33.421 | ng/ul | -0.02    |

Target Compounds Qvalue

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

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