

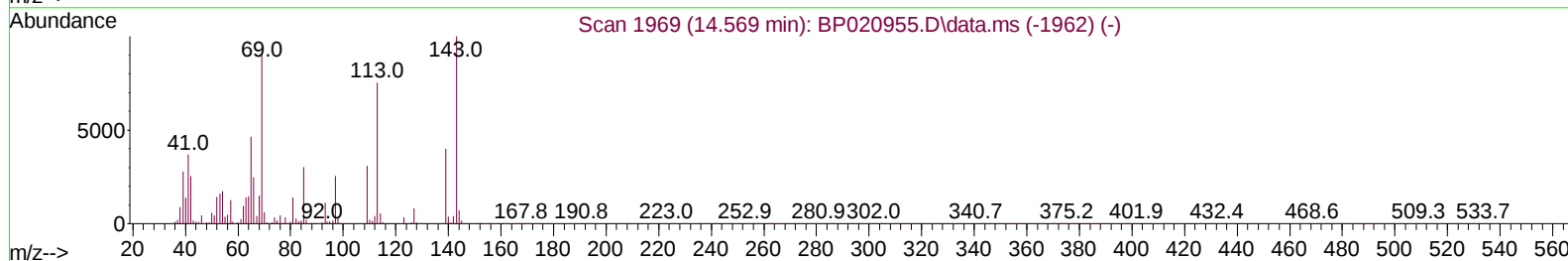
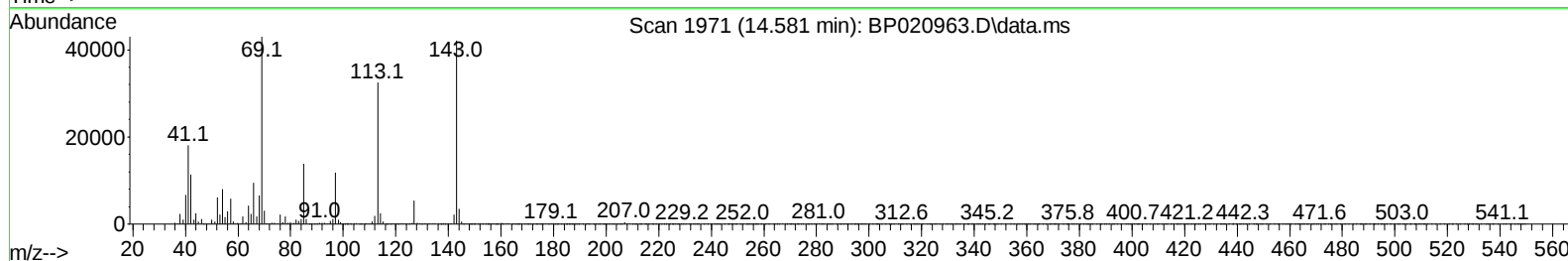
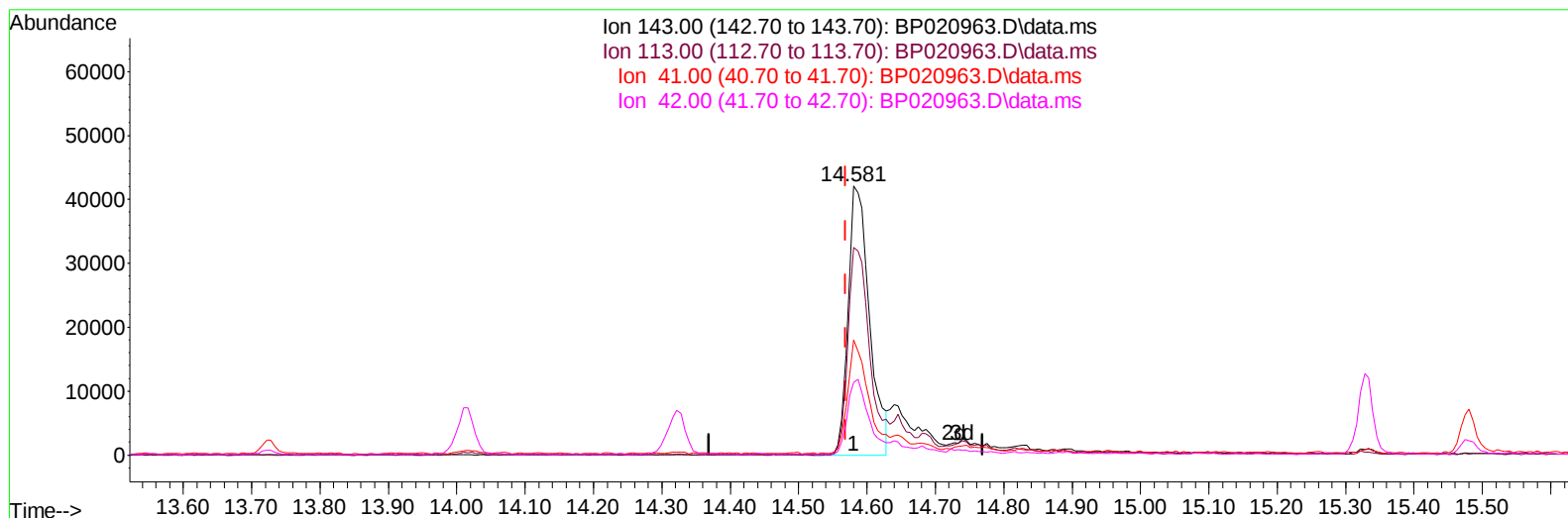
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071524\  
Data File : BP020963.D  
Acq On : 15 Jul 2024 18:08  
Operator : MA/JU  
Sample : PB162022BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK022

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024  
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 18:40:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 15 12:22:22 2024  
Response via : Initial Calibration



TIC: BP020963.D\data.ms

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

14.581min (+ 0.012) 20.53 ng/u1

response 91505

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 77.17  |
| 41.00  | 37.90  | 42.79  |
| 42.00  | 27.10  | 26.97  |

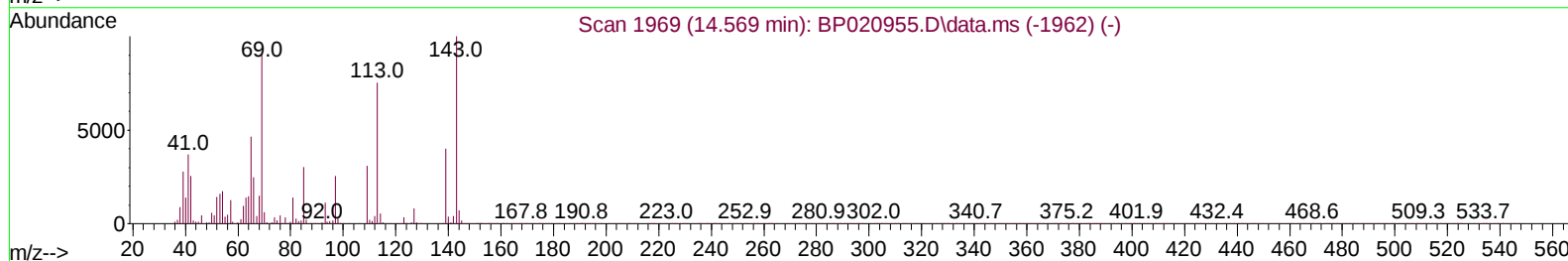
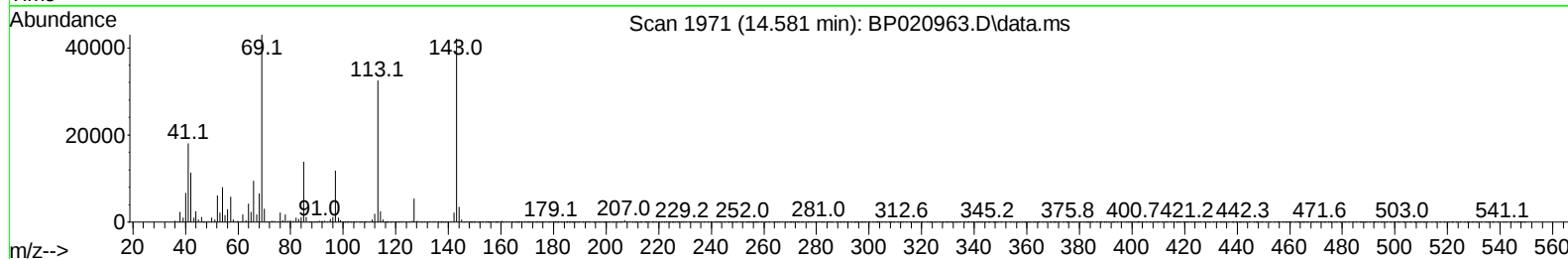
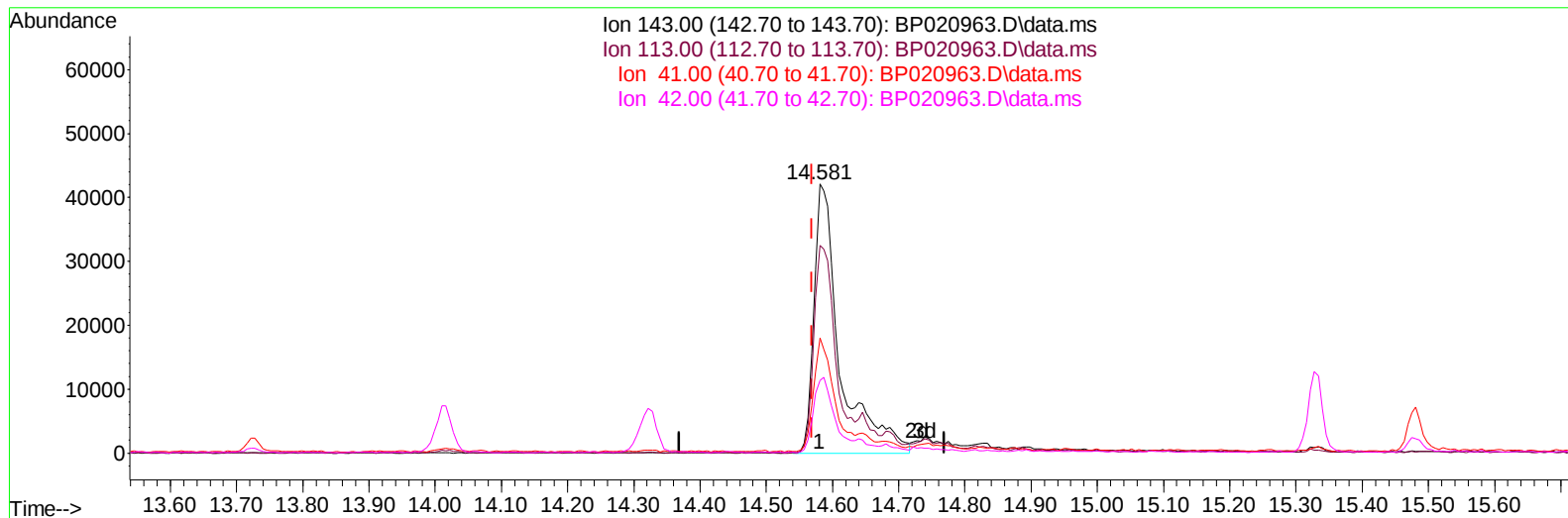
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TIC: BP020963.D\data.ms

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

14.581min (+ 0.012) 25.72 ng/ul m

response 114623

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 77.17  |
| 41.00  | 37.90  | 42.79  |
| 42.00  | 27.10  | 26.97  |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 SBLK022

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 18:41:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.699  | 152  | 174829   | 20.000 | ng/ul | 0.01     |
| 20) Naphthalene-d8            | 10.452 | 136  | 696654   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.322 | 164  | 430960   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 874909   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 815379   | 20.000 | ng/ul | 0.01     |
| 88) Perylene-d12              | 24.845 | 264  | 1020385  | 20.000 | ng/ul | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.246  | 96   | 23770    | 6.187  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.664  | 84   | 315489   | 28.365 | ng/ul | 0.01     |
| 7) Phenol-d5                  | 6.905  | 99   | 397336   | 27.877 | ng/ul | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.046  | 67   | 244563   | 28.313 | ng/ul | 0.01     |
| 11) 2-Chlorophenol-d4         | 7.246  | 132  | 338587   | 28.832 | ng/ul | 0.01     |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 325296   | 27.479 | ng/ul | 0.02     |
| 21) Nitrobenzene-d5           | 8.846  | 128  | 160905   | 29.737 | ng/ul | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.563  | 143  | 185019   | 29.875 | ng/ul | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.093 | 165  | 301837   | 26.953 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.604 | 131  | 435877   | 29.380 | ng/ul | 0.02     |
| 46) Dimethylphthalate-d6      | 13.728 | 166  | 974289   | 31.099 | ng/ul | 0.02     |
| 49) Acenaphthylene-d8         | 14.016 | 160  | 1102189  | 31.332 | ng/ul | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.581 | 143  | 114623m  | 25.715 | ng/ul | 0.01     |
| 60) Fluorene-d10              | 15.334 | 176  | 818298   | 31.838 | ng/ul | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 200  | 128085   | 24.196 | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.228 | 188  | 1258811  | 32.394 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 1465122  | 29.064 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.639 | 264  | 1621324  | 32.217 | ng/ul | 0.04     |

Target Compounds Qvalue

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

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