

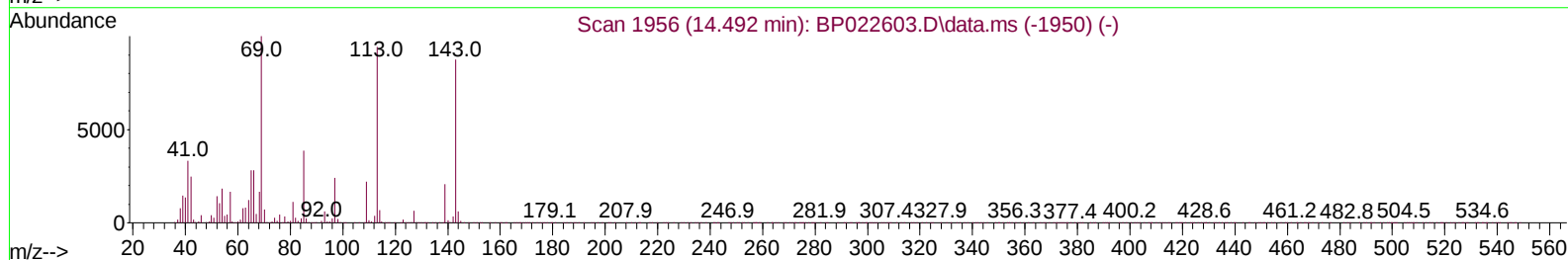
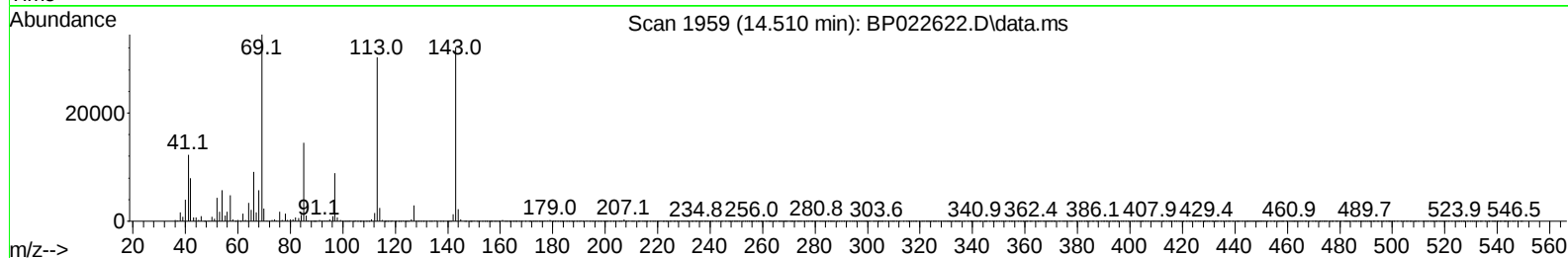
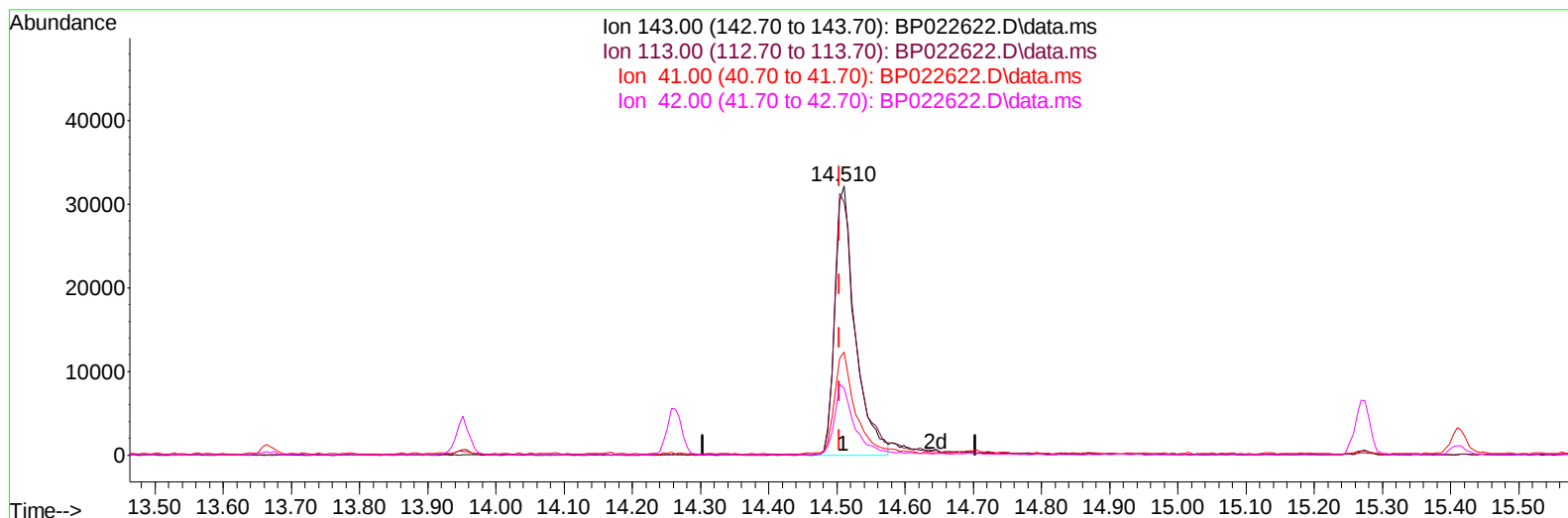
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102524\  
Data File : BP022622.D  
Acq On : 25 Oct 2024 22:42  
Operator : RC/JU  
Sample : P4436-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4F49

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:39:53 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 22 05:59:59 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/26/2024  
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022622.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.006) 14.06 ng/u1

response 66324

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 94.03  |
| 41.00  | 35.90  | 38.28  |
| 42.00  | 23.70  | 24.86  |

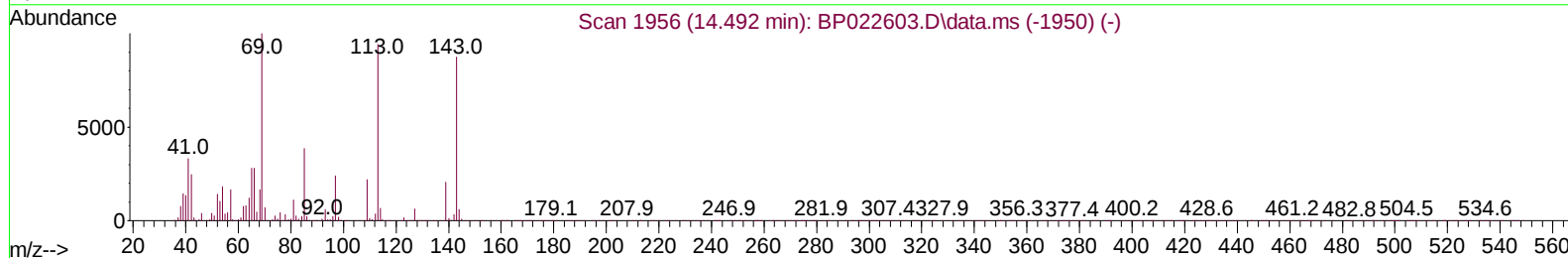
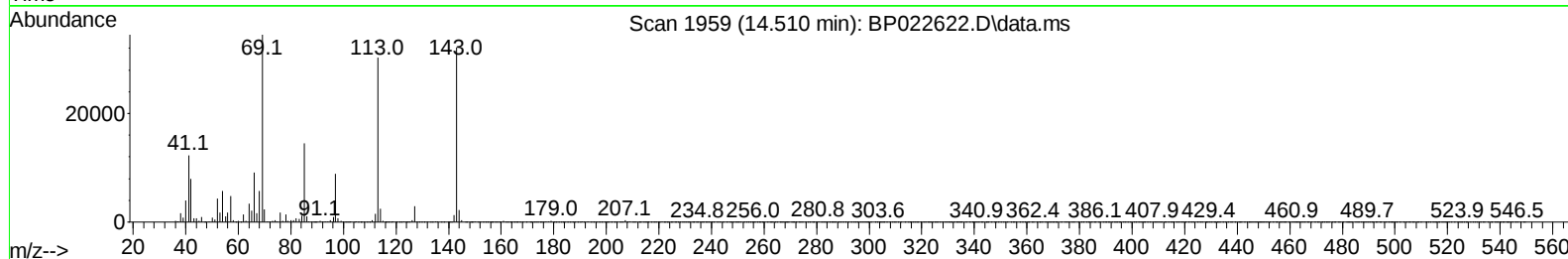
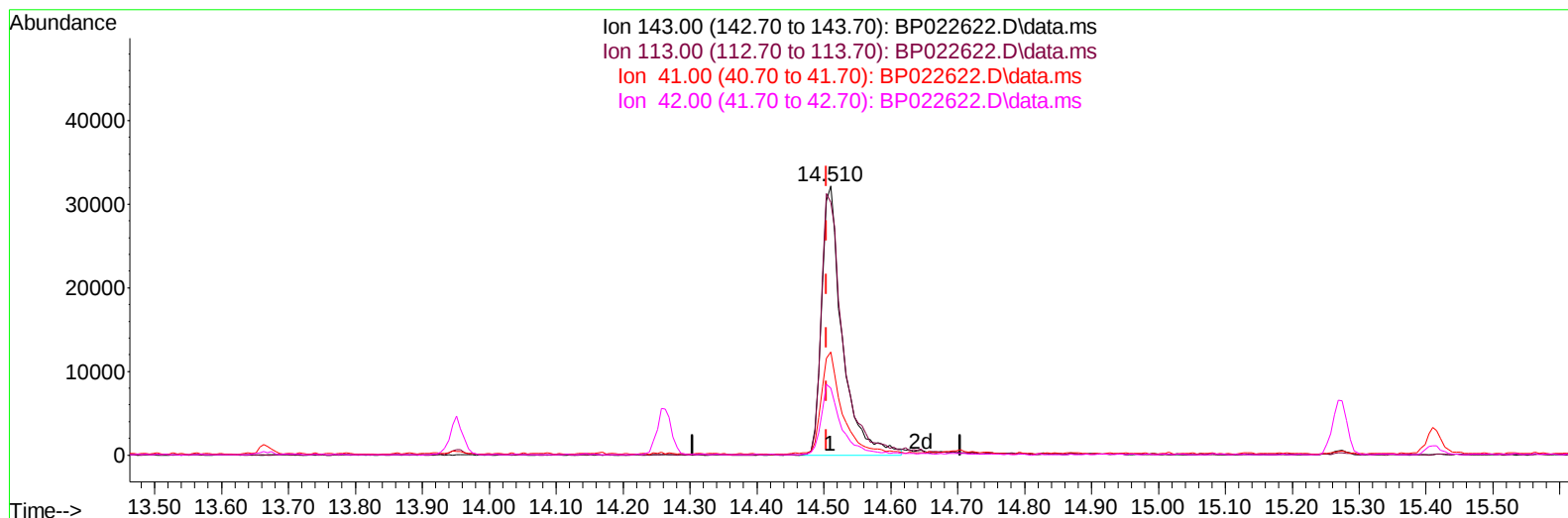
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TIC: BP022622.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.006) 14.61 ng/ul m

response 68881

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 94.03  |
| 41.00  | 35.90  | 38.28  |
| 42.00  | 23.70  | 24.86  |

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 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4F49

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024  
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 23:41:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 22 05:59:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 119635   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.404 | 136  | 460601   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.263 | 164  | 353781   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.069 | 188  | 807633   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.510 | 240  | 796702   | 20.000 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 24.780 | 264  | 909683   | 20.000 | ng/ul  | 0.03     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 6718     | 2.182  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.605  | 84   | 80986    | 9.582  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99   | 156371   | 15.528 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.993  | 67   | 87476    | 14.779 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 119137   | 16.672 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.357  | 113  | 139929   | 17.411 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 57592    | 16.262 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.504  | 143  | 73070    | 17.821 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 156453   | 17.953 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.551 | 131  | 146840   | 14.260 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 533814   | 18.991 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 556033   | 18.625 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.510 | 143  | 68881m   | 14.607 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.275 | 176  | 470604   | 19.302 | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200  | 75491    | 14.212 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.169 | 188  | 791068   | 20.821 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.557 | 212  | 981621   | 23.299 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.551 | 264  | 1083167  | 22.296 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.210 | 202  | 82978    | 1.713  | ng/ul  | 99       |
| 82) Pyrene                    | 19.586 | 202  | 76153    | 1.467  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.745 | 252  | 60912    | 1.064  | ng/ul# | 97       |
| -----                         |        |      |          |        |        |          |

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

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