

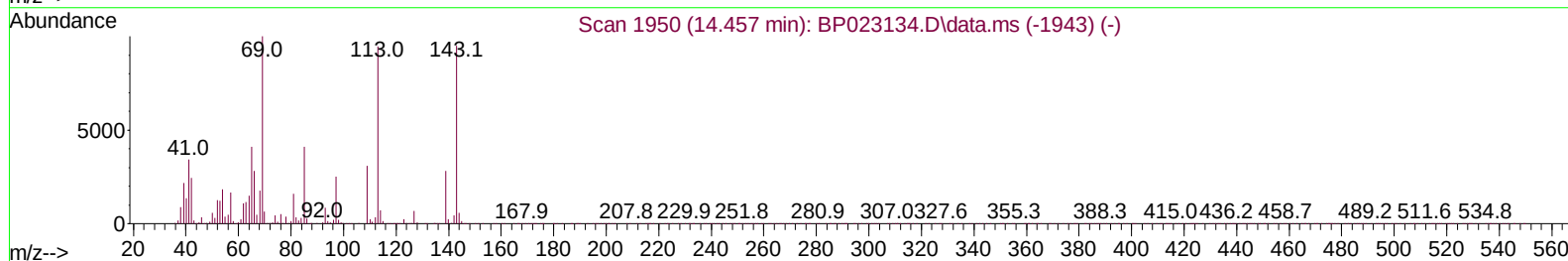
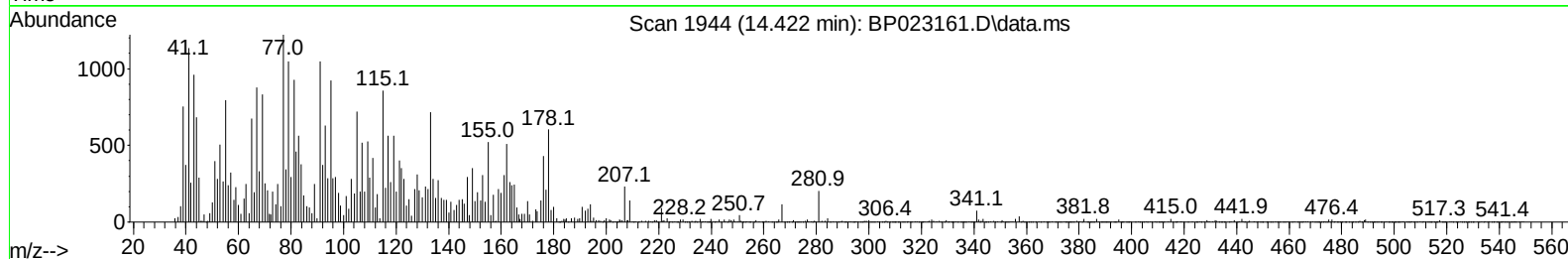
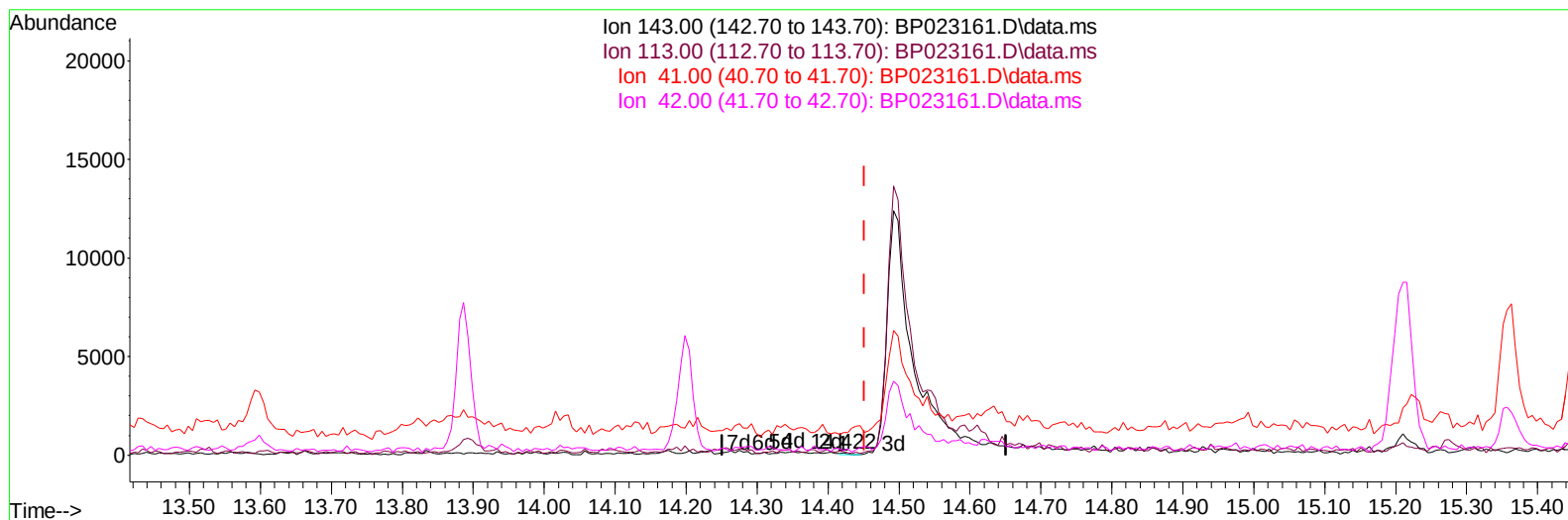
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
 Data File : BP023161.D  
 Acq On : 16 Nov 2024 06:26  
 Operator : RC/JU  
 Sample : P4803-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A0AQ1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 00:37:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 13 04:49:01 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/18/2024  
 Supervised By :mohammad ahmed 11/18/2024



TIC: BP023161.D\data.ms

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

14.422min (-0.029) 0.02 ng/u1

response 48

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 107.90 | 167.27#  |
| 41.00  | 39.20  | 1031.82# |
| 42.00  | 25.90  | 233.64#  |

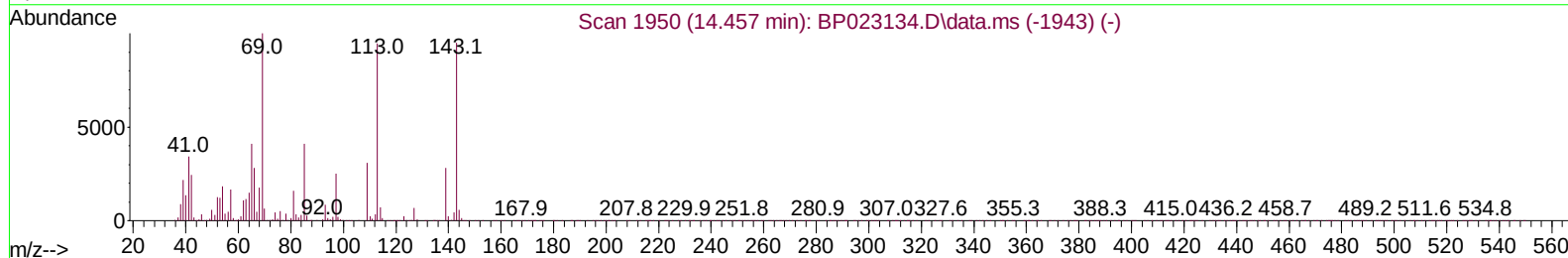
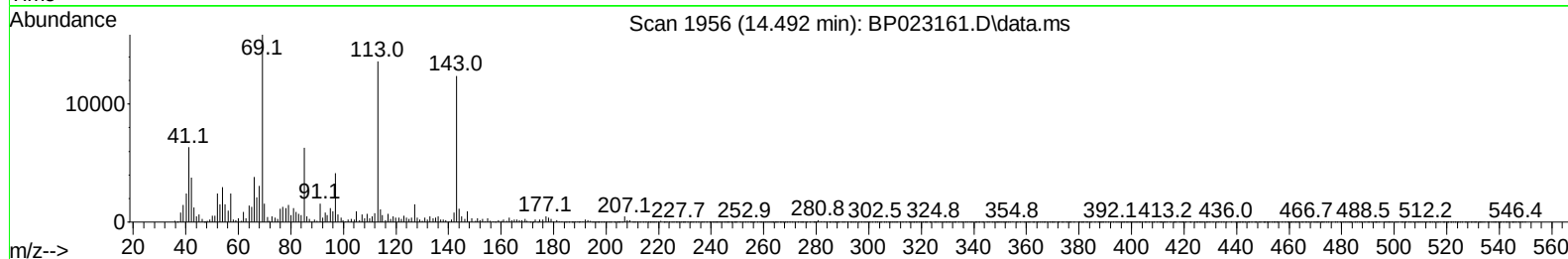
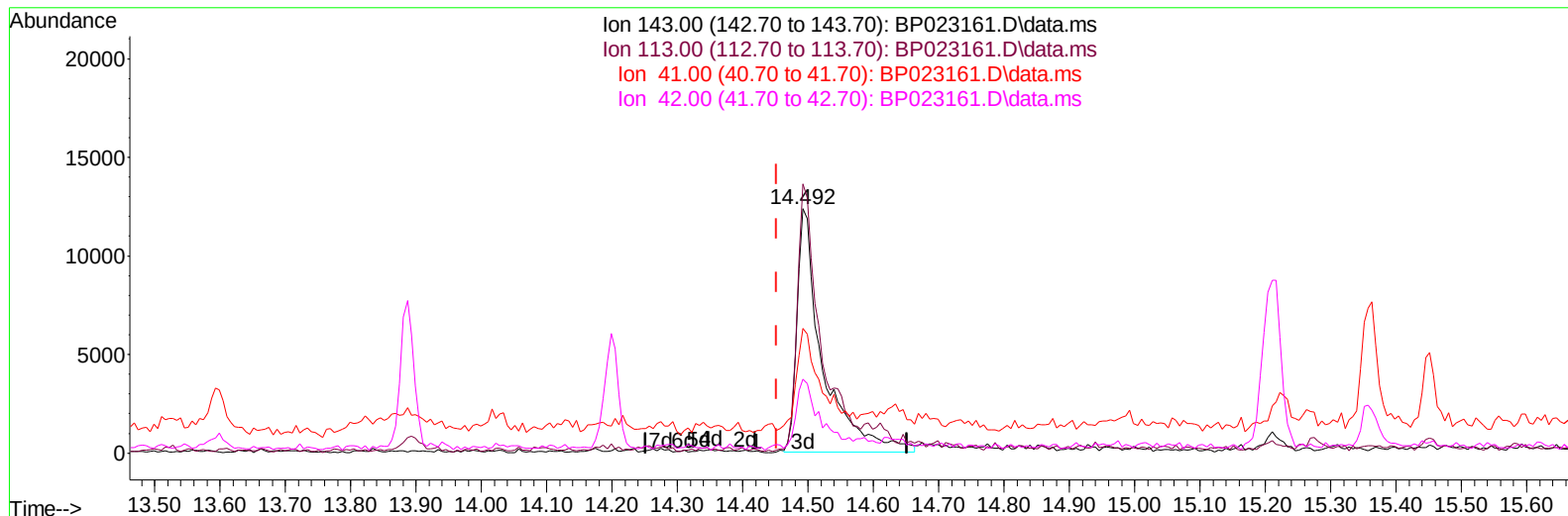
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(54) 4-Nitrophenol-d4 (S)

14.492min (+ 0.041) 10.87 ng/ul m

response 33180

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.90 | 109.93 |
| 41.00  | 39.20  | 51.00# |
| 42.00  | 25.90  | 30.30  |

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 ALS Vial : 30 Sample Multiplier: 1

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 ClientSampleId :  
 A0AQ1

## Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 89130    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.322 | 136  | 355904   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.198 | 164  | 281784   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.004 | 188  | 678436   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.427 | 240  | 722838   | 20.000 | ng/ul  | -0.02    |
| 88) Perylene-d12              | 24.645 | 264  | 840999   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 9773     | 5.271  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.552  | 84   | 79088    | 14.356 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.793  | 99   | 101319   | 15.376 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.922  | 67   | 148660   | 38.398 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.128  | 132  | 178721   | 37.032 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.287  | 113  | 178146   | 32.852 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.716  | 128  | 98474    | 39.744 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.428  | 143  | 126148   | 42.706 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.975  | 165  | 257360   | 41.604 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.475 | 131  | 168019   | 22.767 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.598 | 166  | 862113   | 42.450 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 13.887 | 160  | 870132   | 41.061 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.492 | 143  | 33180m   | 10.871 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.210 | 176  | 745517   | 41.869 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.357 | 200  | 163442   | 40.215 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.110 | 188  | 1300811  | 45.284 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 1616993  | 48.566 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.421 | 264  | 1789223  | 44.664 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.169  | 88   | 9419     | 4.396  | ng/uL  | 89       |
| 52) Acenaphthene              | 14.263 | 153  | 27848    | 1.791  | ng/ul  | 93       |
| 61) Fluorene                  | 15.275 | 166  | 31871    | 1.621  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.051 | 178  | 33737    | 1.053  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.145 | 202  | 41749    | 1.088  | ng/ul# | 93       |
| -----                         |        |      |          |        |        |          |

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

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