

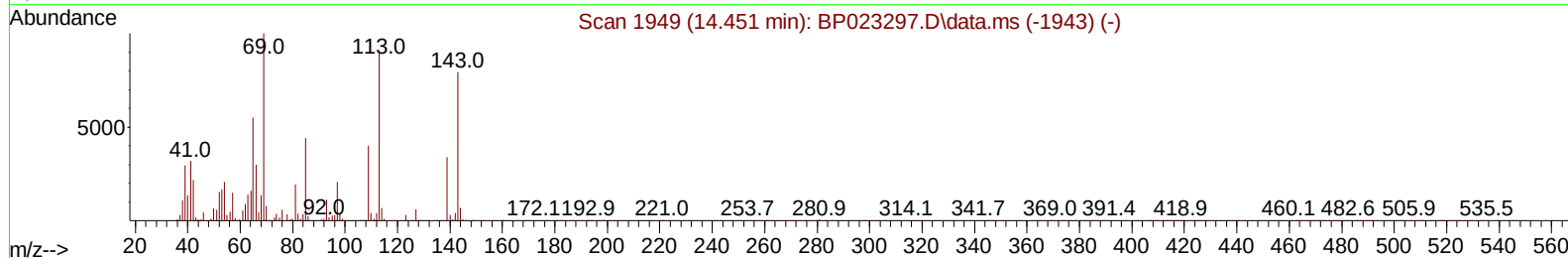
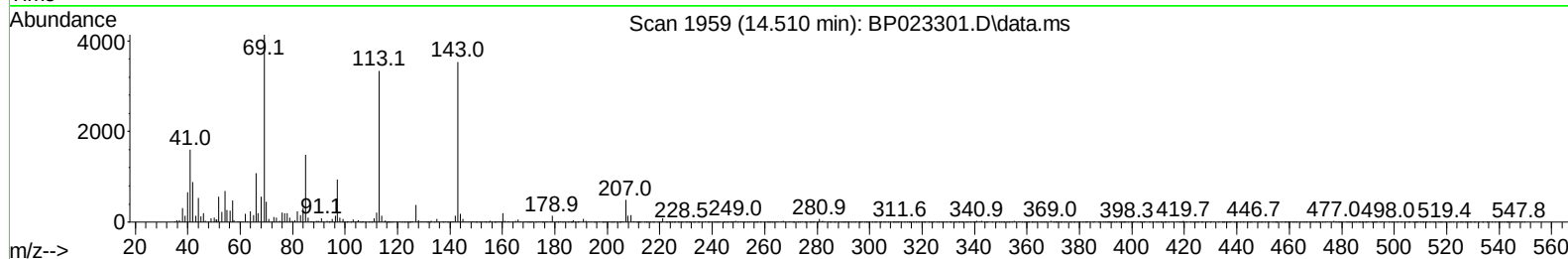
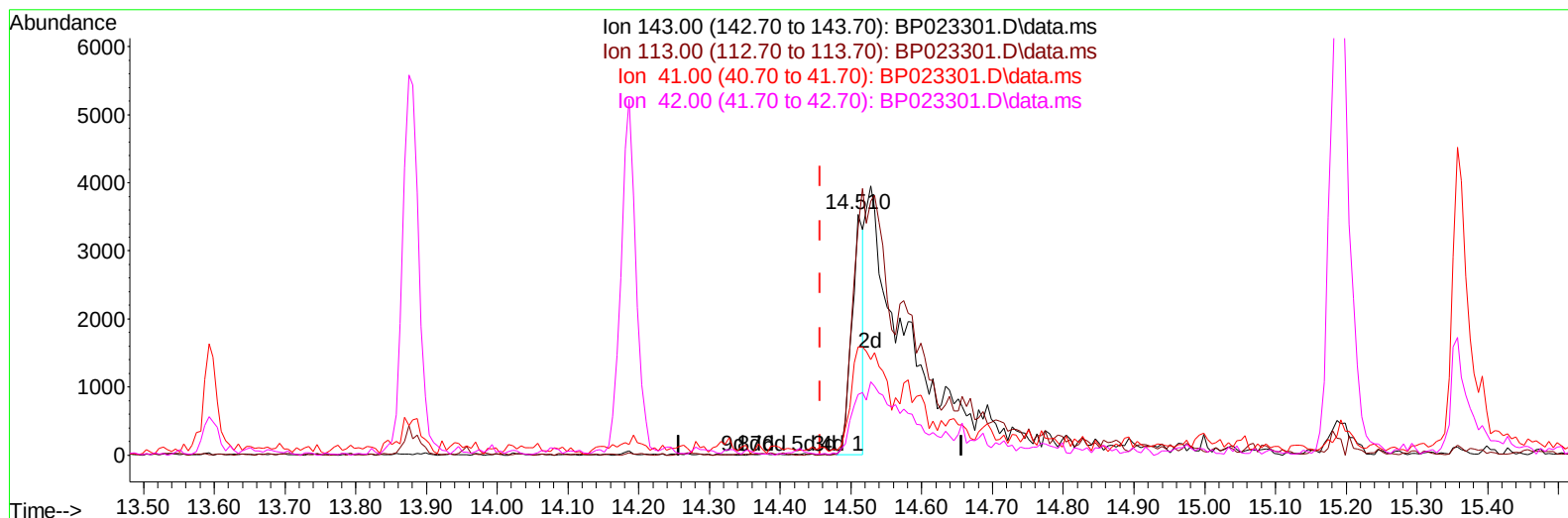
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112224\  
 Data File : BP023301.D  
 Acq On : 22 Nov 2024 13:21  
 Operator : RC/JU  
 Sample : P4930-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BG441

Manual IntegrationsAPPROVED

Quant Time: Nov 22 23:32:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 04:34:35 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024  
 Supervised By :mohammad ahmed 11/27/2024



TIC: BP023301.D\data.ms

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

**14.510min (+ 0.053) 1.58 ng/ul**

**response 4025**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.90 | 94.40  |
| 41.00  | 39.20  | 45.04  |
| 42.00  | 25.90  | 25.13  |

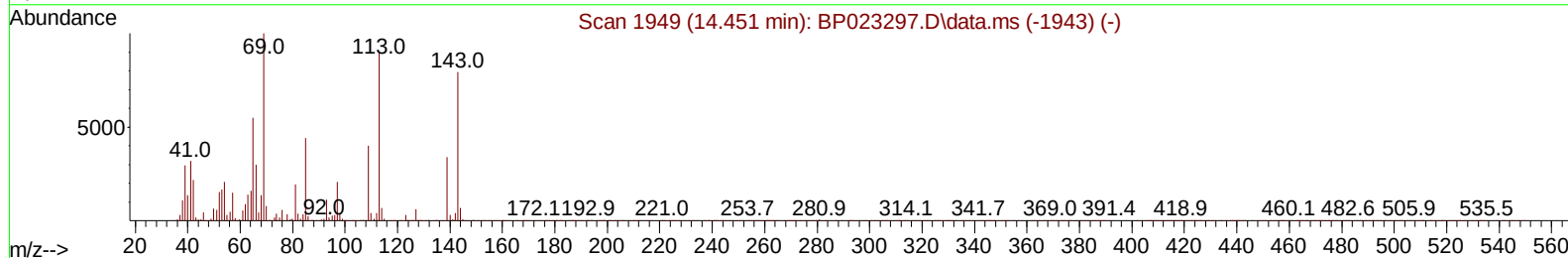
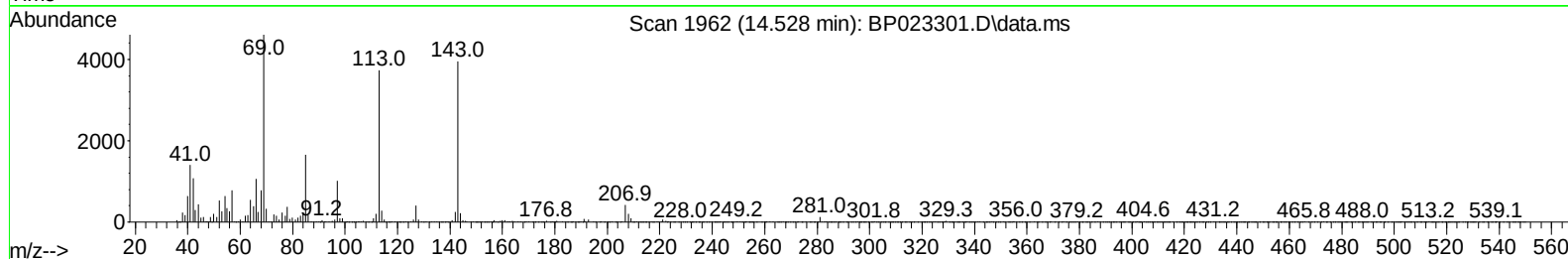
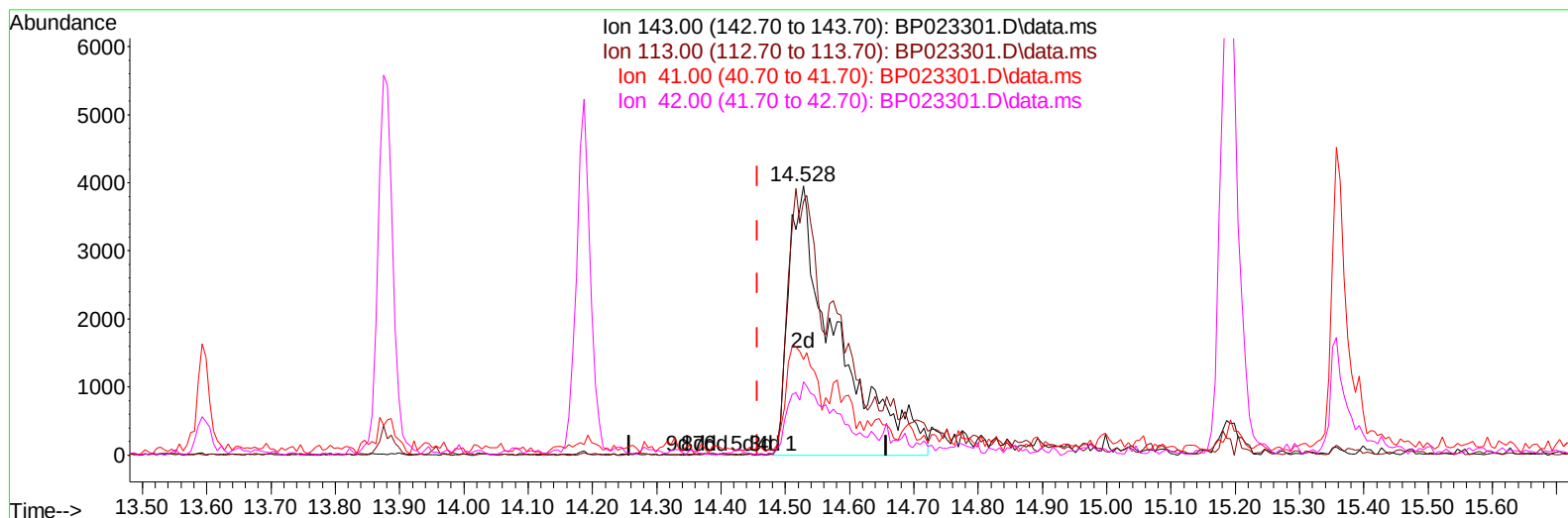
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**(54) 4-Nitrophenol-d4 (S)**

14.528min (+ 0.071) 8.06 ng/ul m

response 20513

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.90 | 94.36  |
| 41.00  | 39.20  | 35.43  |
| 42.00  | 25.90  | 27.33  |

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Instrument :  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.563  | 152  | 84251    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.304 | 136  | 309418   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.187 | 164  | 234876   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.992 | 188  | 571857   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.445 | 240  | 644957   | 20.000 | ng/ul  | 0.02     |
| 88) Perylene-d12              | 24.680 | 264  | 782960   | 20.000 | ng/ul  | 0.05     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 10435    | 5.953  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.570  | 84   | 23196    | 4.454  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.781  | 99   | 57486    | 9.229  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.911  | 67   | 137811   | 37.657 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.111  | 132  | 141239   | 30.961 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.281  | 113  | 111591   | 21.770 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.705  | 128  | 80010    | 37.143 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.416  | 143  | 94162    | 36.667 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.963  | 165  | 180051   | 33.479 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.469 | 131  | 152066   | 23.701 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.598 | 166  | 679960   | 40.167 | ng/ul  | 0.01     |
| 49) Acenaphthylene-d8         | 13.881 | 160  | 655049   | 37.085 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.528 | 143  | 20513m   | 8.063  | ng/ul  | 0.07     |
| 60) Fluorene-d10              | 15.192 | 176  | 574210   | 38.689 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.357 | 200  | 107156   | 31.280 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.104 | 188  | 998375   | 41.233 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 1331703  | 44.828 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.457 | 264  | 1619065  | 43.412 | ng/ul  | 0.04     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.170  | 88   | 4935     | 2.437  | ng/uL  | 95       |
| -----                         |        |      |          |        |        |          |

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

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