

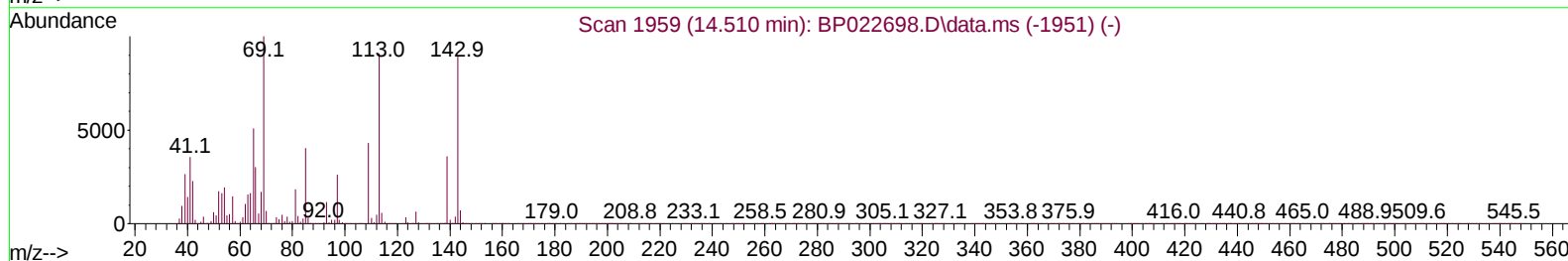
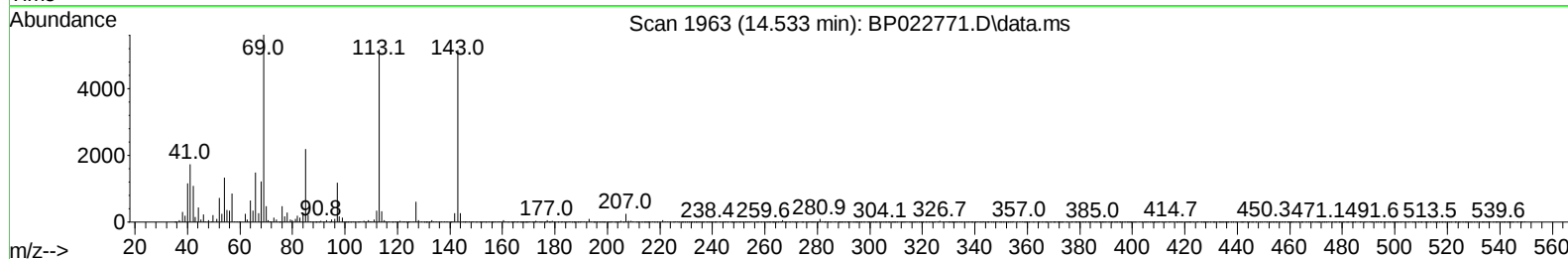
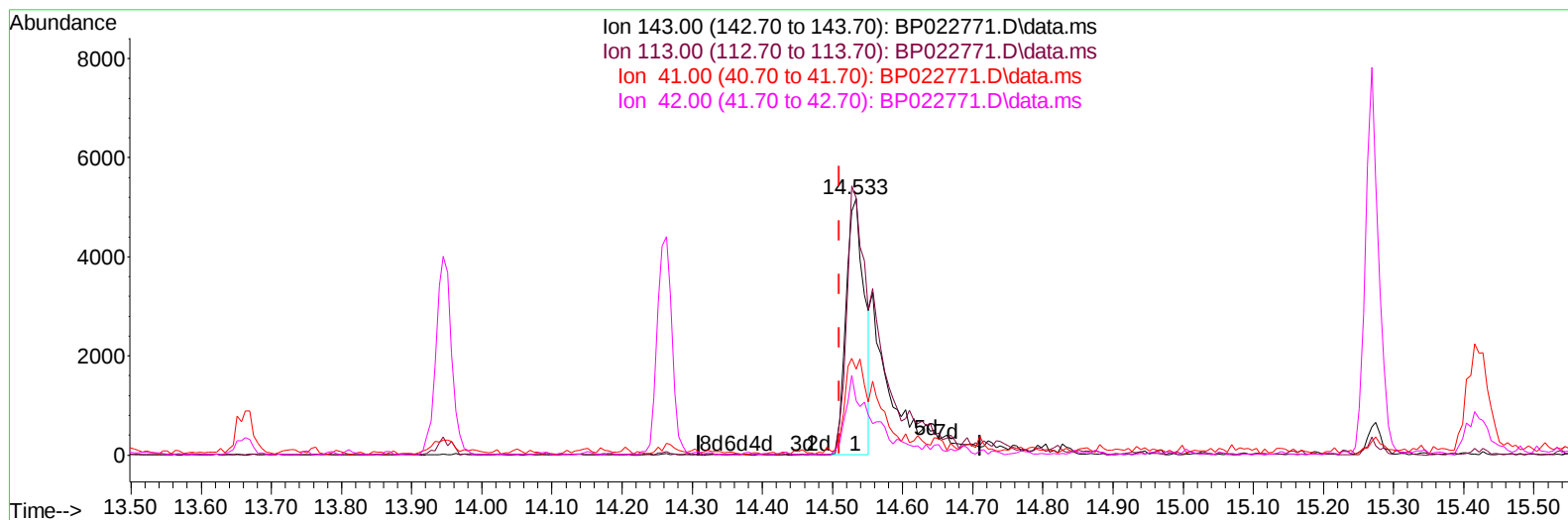
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022771.D  
 Acq On : 31 Oct 2024 15:37  
 Operator : RC/JU  
 Sample : P4630-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCNZ8

Manual IntegrationsAPPROVED

Quant Time: Oct 31 17:35:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024



TIC: BP022771.D\data.ms

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

**14.533min (+ 0.023) 3.39 ng/u1**

**response 9409**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 100.31 |
| 41.00  | 35.90  | 33.58  |
| 42.00  | 23.70  | 21.15  |

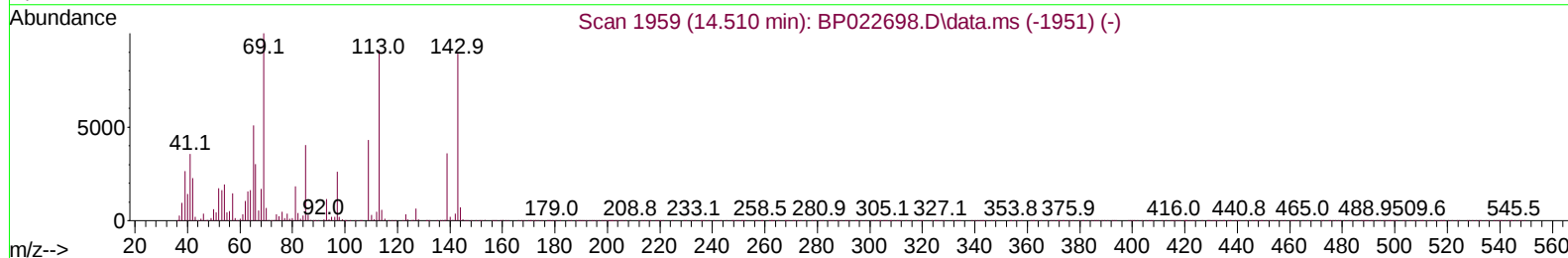
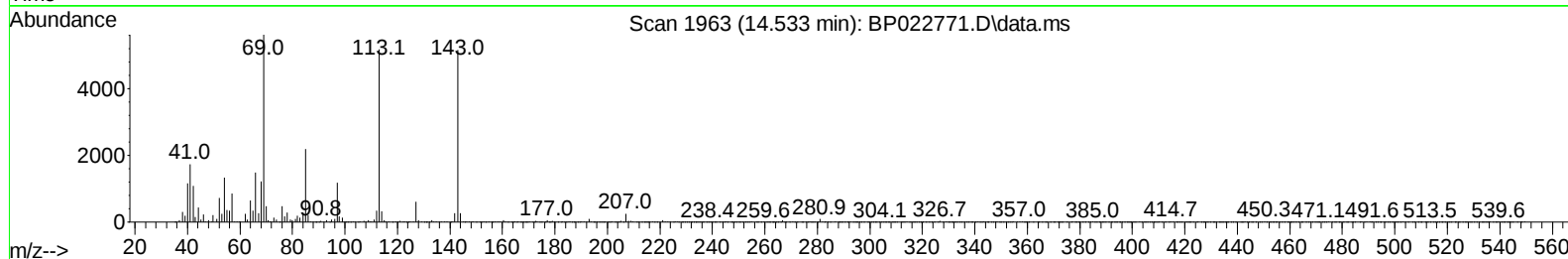
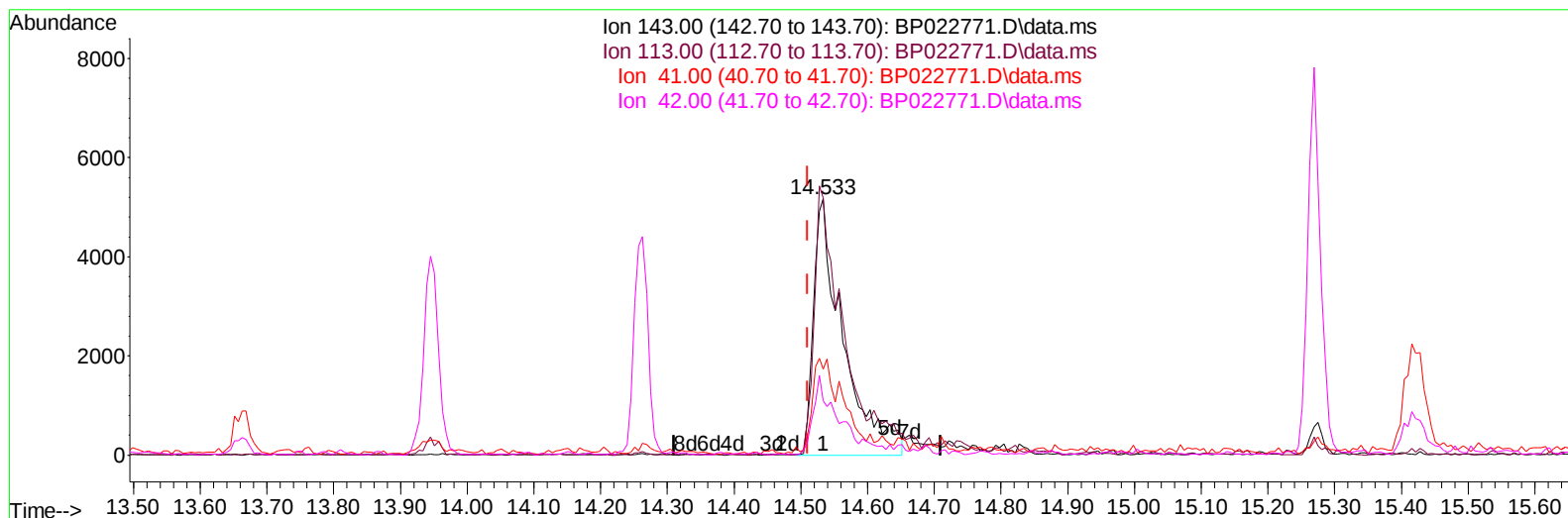
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TIC: BP022771.D\data.ms

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

14.533min (+ 0.023) 5.71 ng/ul m

response 15854

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 100.31 |
| 41.00  | 35.90  | 33.58  |
| 42.00  | 23.70  | 21.15  |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCNZ8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 02:16:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 70388    | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.387 | 136  | 266977   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.263 | 164  | 208439   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.063 | 188  | 504820   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.510 | 240  | 580995   | 20.000 | ng/ul | # 0.01   |
| 88) Perylene-d12              | 24.768 | 264  | 702667   | 20.000 | ng/ul | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 5929     | 3.273  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.599  | 84   | 19459    | 3.913  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 42862    | 7.234  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.975  | 67   | 84204    | 24.180 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 97768    | 23.255 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.340  | 113  | 79761    | 16.868 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 55397    | 26.986 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.487  | 143  | 65689    | 27.640 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.028 | 165  | 130119   | 25.760 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.528 | 131  | 99655    | 16.697 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 475868   | 28.734 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.945 | 160  | 472658   | 26.871 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.533 | 143  | 15854m   | 5.706  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.269 | 176  | 434637   | 30.258 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200  | 73053    | 22.003 | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.169 | 188  | 794819   | 33.469 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.557 | 212  | 1036328  | 33.730 | ng/ul | 0.01     |
| 92) Benzo(a)pyrene-d12        | 24.551 | 264  | 1271811  | 33.891 | ng/ul | 0.03     |

Target Compounds Qvalue

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

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