

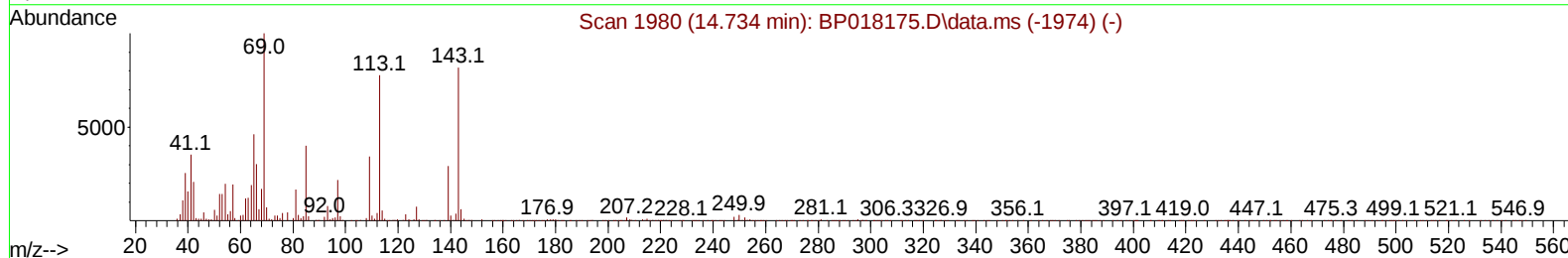
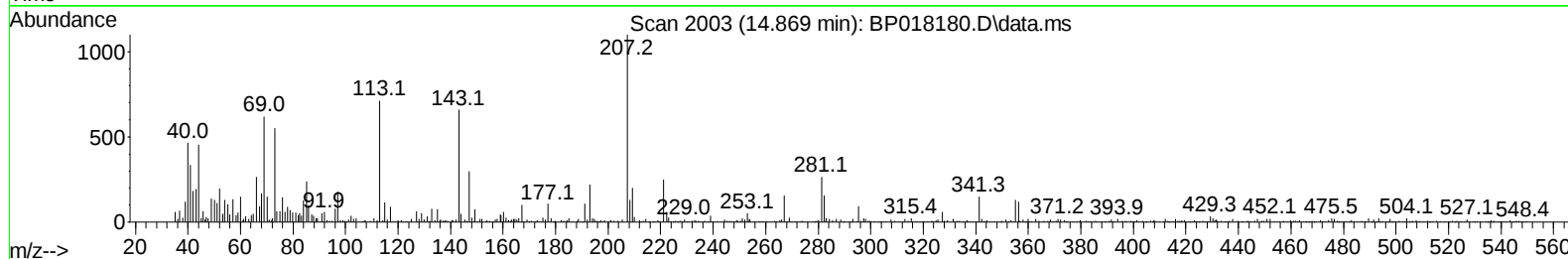
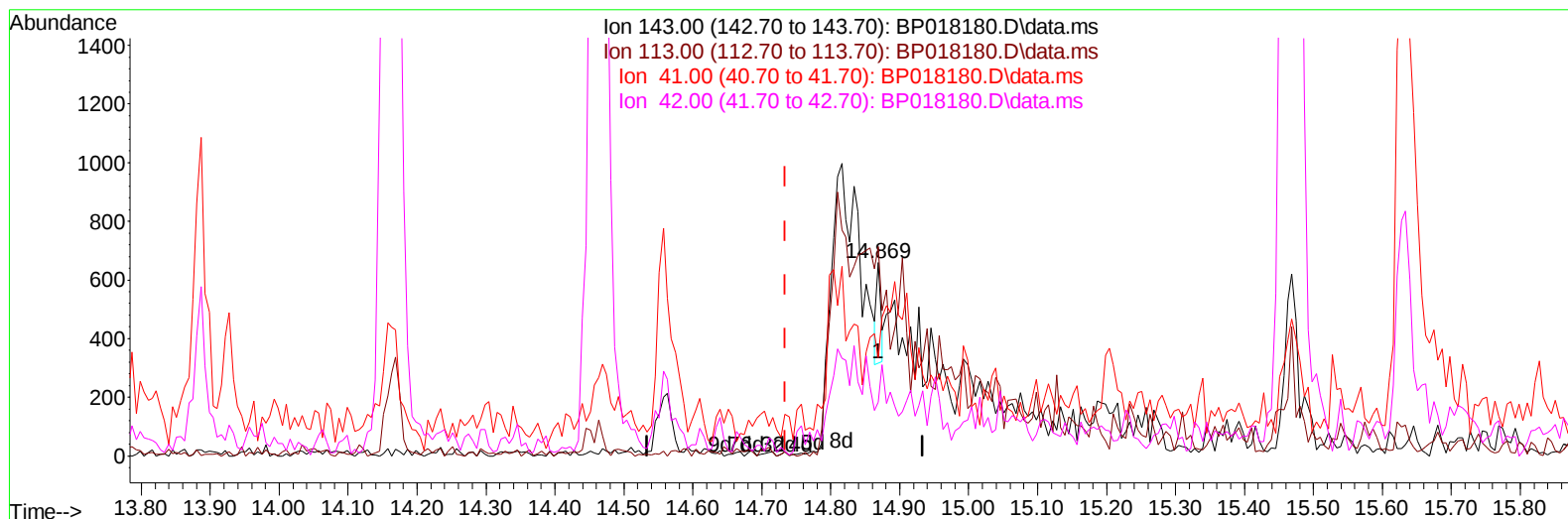
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111523\  
 Data File : BP018180.D  
 Acq On : 15 Nov 2023 18:49  
 Operator : MA/JU  
 Sample : 05338-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDL2

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:00:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 18:13:37 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
 Supervised By :mohammad ahmed 11/17/2023



TIC: BP018180.D\data.ms

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

**14.869min (+ 0.135) 0.08 ng/u1**

**response 161**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.00 | 108.19 |
| 41.00  | 47.70  | 50.68  |
| 42.00  | 30.10  | 27.92  |

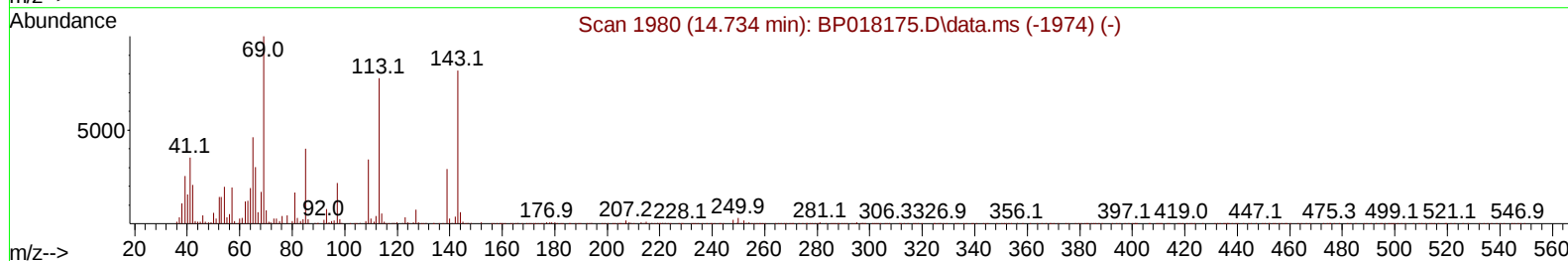
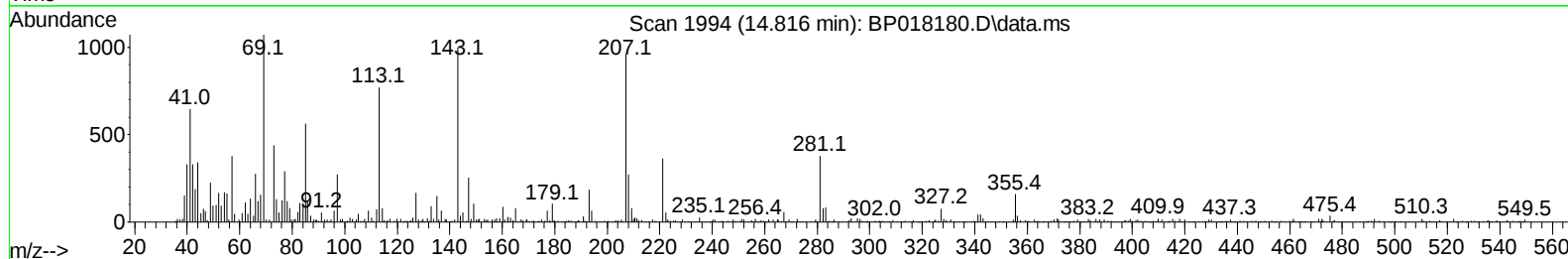
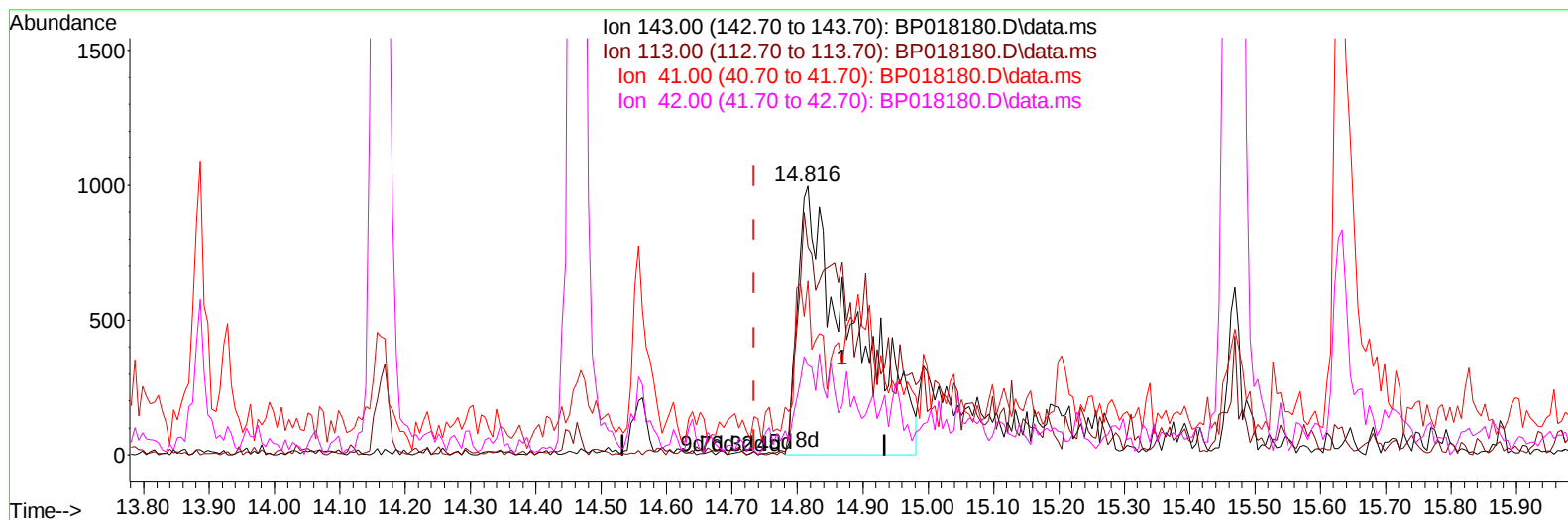
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TIC: BP018180.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.816min (+ 0.082) 2.78 ng/ul m

response 5711

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.00 | 77.33# |
| 41.00  | 47.70  | 64.79# |
| 42.00  | 30.10  | 33.30  |

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 Sample : 05338-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDL2

Manual IntegrationsAPPROVED

Quant Time: Nov 15 22:06:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 18:13:37 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.787  | 152  | 65508    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 253506   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 149005   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 309749   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.380 | 240  | 275332   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.845 | 264  | 323453   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.158  | 96   | 6319     | 3.403  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.611  | 84   | 21947    | 4.533  | ng/ul | 0.02     |
| 7) Phenol-d5                  | 6.963  | 99   | 32326    | 5.111  | ng/ul | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 93807    | 25.240 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.305  | 132  | 96798    | 19.328 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 63000    | 12.157 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 55445    | 24.276 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.704  | 143  | 61417    | 23.736 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.234 | 165  | 98702    | 21.402 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.787 | 131  | 90872    | 14.369 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 372401   | 27.087 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.163 | 160  | 379136   | 25.319 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.816 | 143  | 5711m    | 2.780  | ng/ul | 0.08     |
| 60) Fluorene-d10              | 15.469 | 176  | 300830   | 26.503 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 40465    | 18.071 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.345 | 188  | 492326   | 29.388 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 574301   | 31.227 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.680 | 264  | 585691   | 31.141 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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## Manual IntegrationsAPPROVED

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