

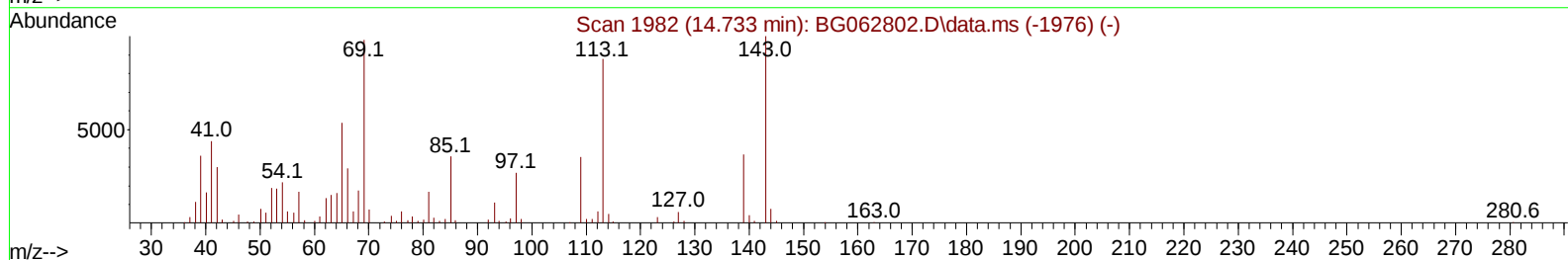
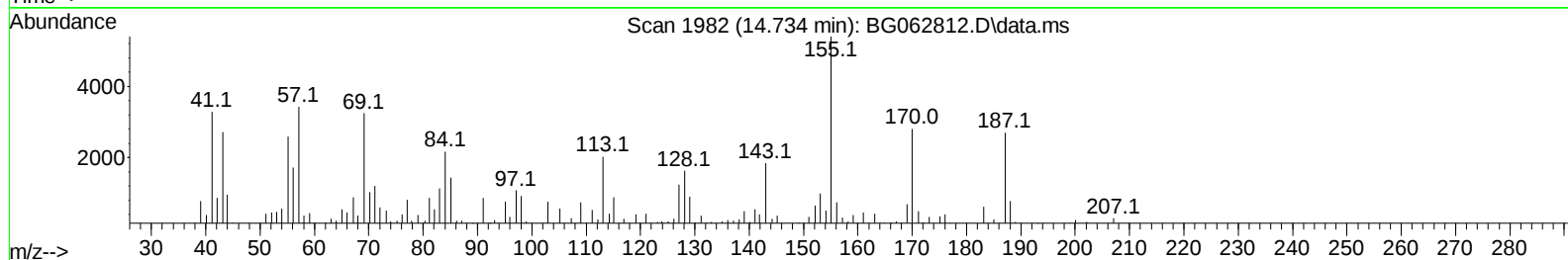
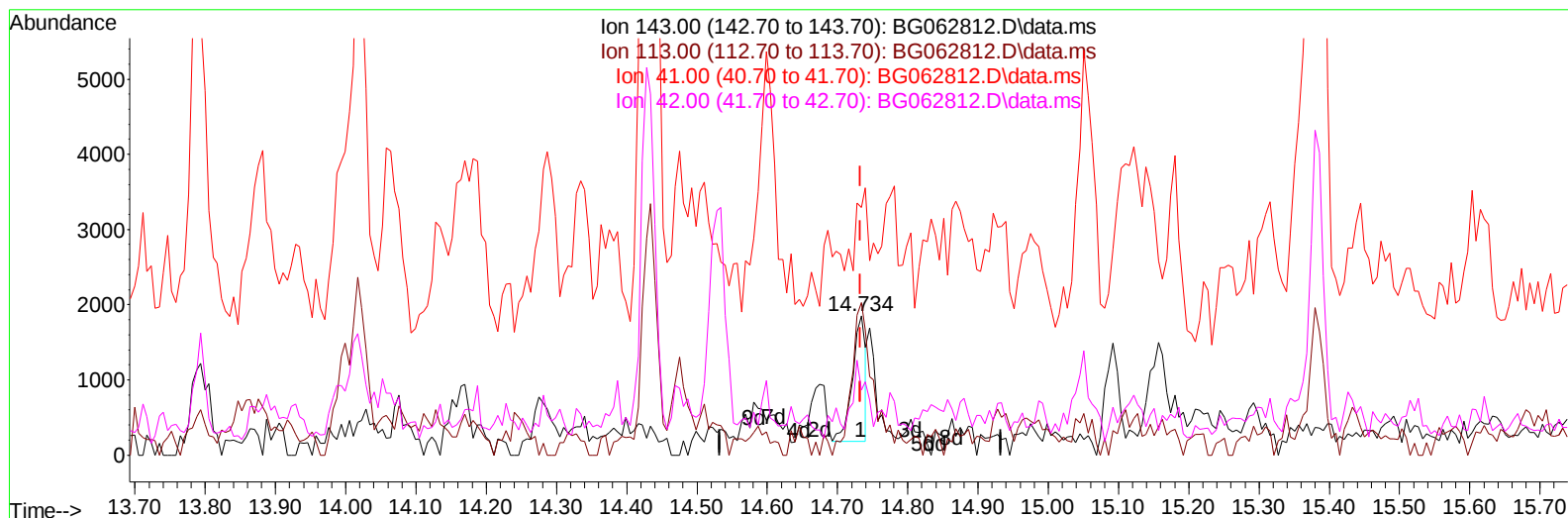
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
 Data File : BG062812.D  
 Acq On : 14 Sep 2024 15:23  
 Operator : JU/RC  
 Sample : P3898-10DL 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC61DL

Manual IntegrationsAPPROVED

Quant Time: Sep 14 23:15:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062812.D\data.ms

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

**14.734min (+ 0.001) 1.11 ng/u1**

**response 2158**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 83.40  | 109.52# |
| 41.00  | 45.80  | 177.93# |
| 42.00  | 31.60  | 46.67#  |

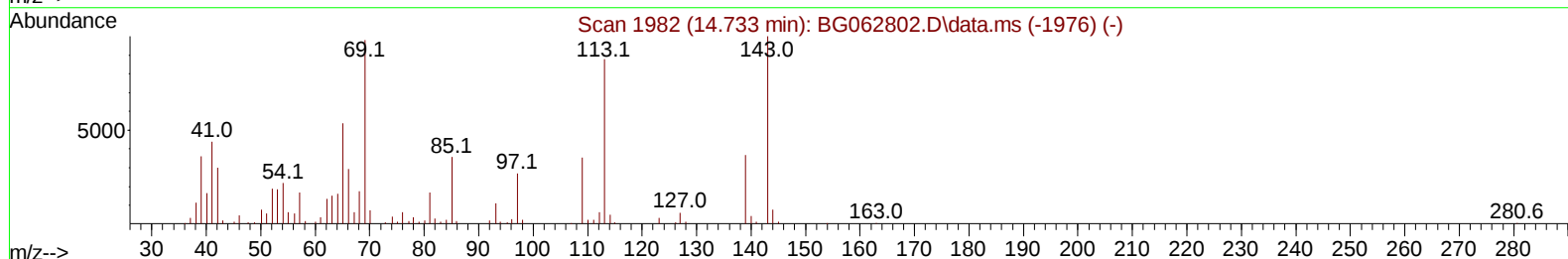
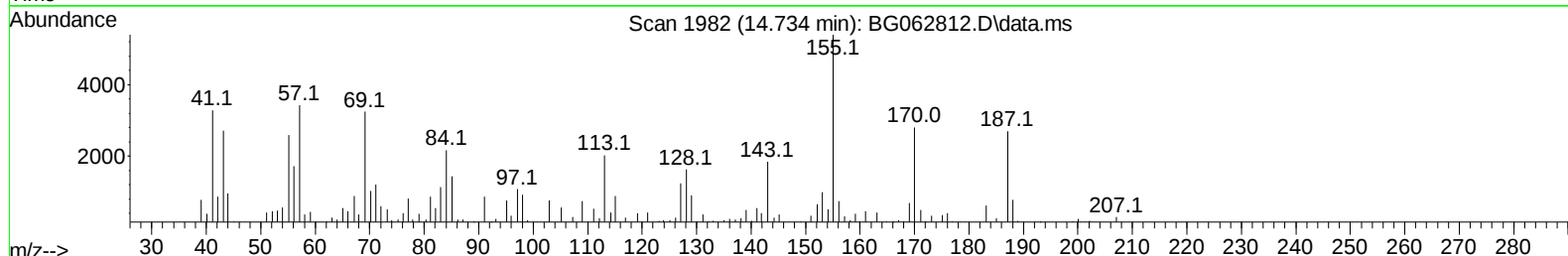
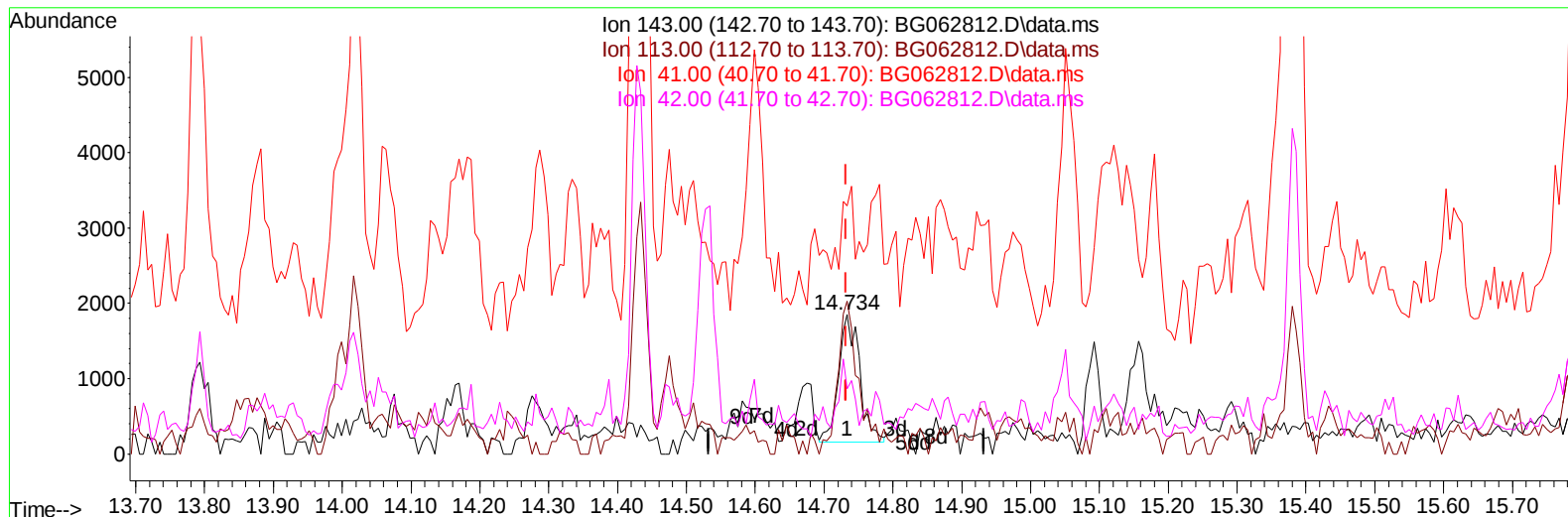
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**(54) 4-Nitrophenol-d4 (S)**

**14.734min (+ 0.001) 1.85 ng/ul m**

**response 3585**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 83.40  | 109.52# |
| 41.00  | 45.80  | 177.93# |
| 42.00  | 31.60  | 46.67#  |

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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 00:16:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.900  | 152  | 45280    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.691 | 136  | 183195   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.528 | 164  | 148151   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.278 | 188  | 402290   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.520 | 240  | 463720   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.575 | 264  | 523341   | 20.000  | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 3.776  | 84   | 4502     | 1.412   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.072  | 99   | 7126     | 1.795   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.231  | 67   | 5026     | 2.111   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.436  | 132  | 5889     | 2.036   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.611  | 113  | 6247     | 1.888   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.052  | 128  | 2868     | 2.190   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.775  | 143  | 3489     | 2.437   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.315 | 165  | 6798     | 2.180   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.815 | 131  | 7921     | 1.848   | ng/ul  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.935 | 166  | 24315    | 2.131   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.222 | 160  | 27416    | 2.164   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.734 | 143  | 3585m    | 1.850   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.527 | 176  | 23146    | 2.251   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.656 | 200  | 10756    | 4.648   | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.372 | 188  | 44932    | 2.367   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 58754    | 2.252   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.363 | 264  | 60629    | 2.194   | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.744 | 128  | 14516    | 1.478   | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.354 | 142  | 23065    | 3.182   | ng/ul  | 88       |
| 37) 1-Methylnaphthalene       | 12.571 | 142  | 13543    | 1.824   | ng/ul# | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 91419    | 27.235  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.937 | 266  | 942838   | 298.233 | ng/ul  | 97       |
| -----                         |        |      |          |         |        |          |

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

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