

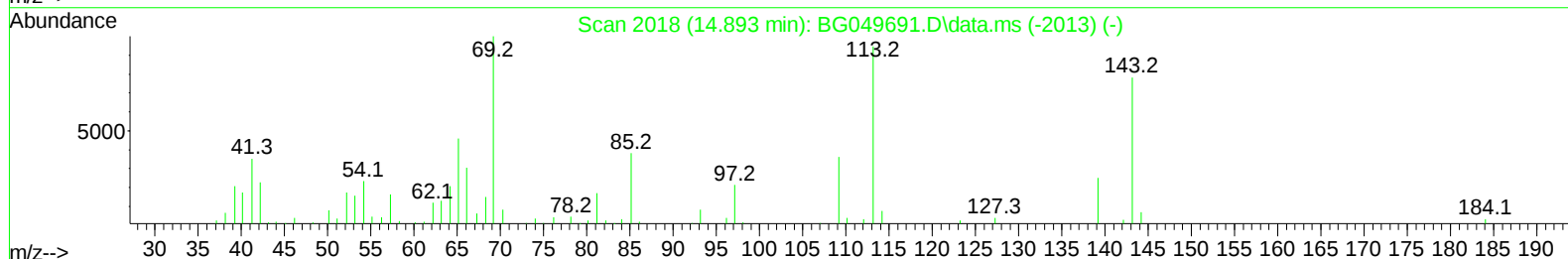
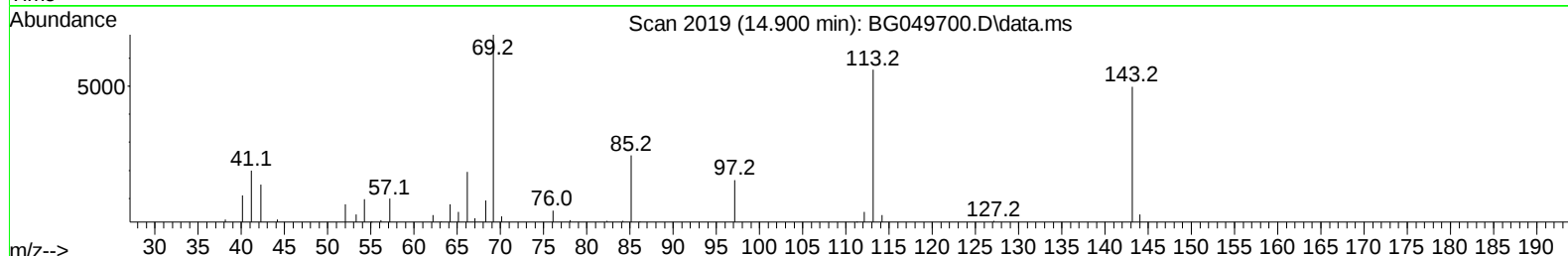
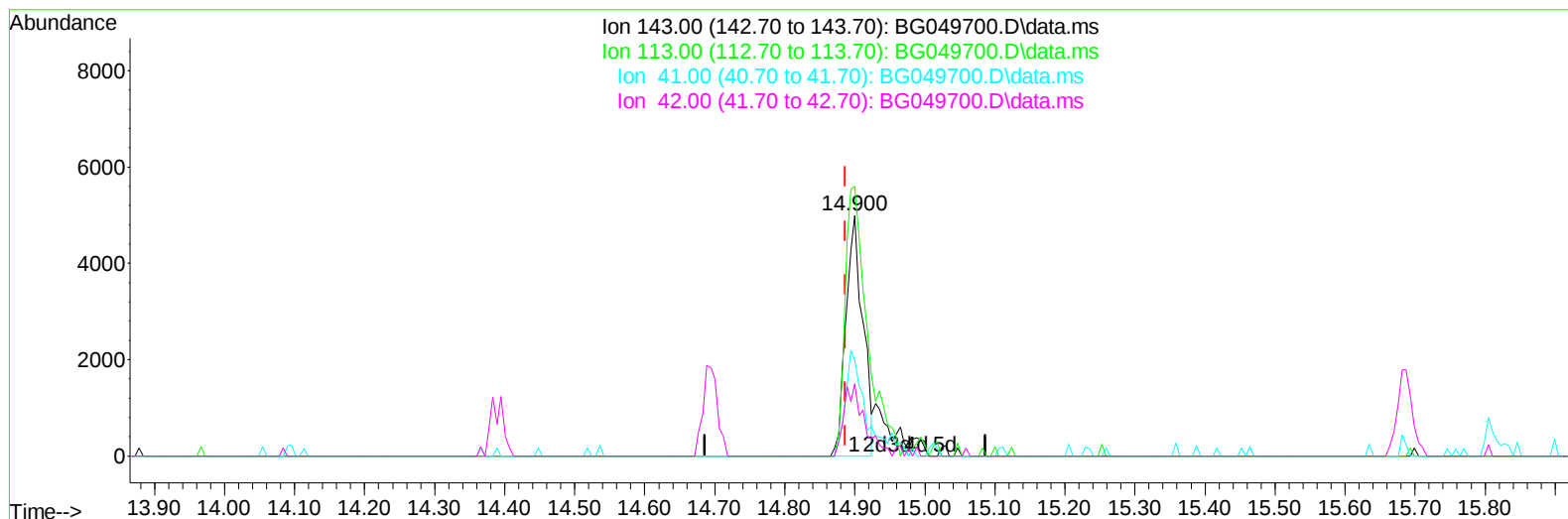
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
 Data File : BG049700.D  
 Acq On : 7 Aug 2021 11:18  
 Operator : CG/JU  
 Sample : M3181-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGEX1

Manual Integrations  
 APPROVED

mohammad  
 8/9/2021 12:10:32 PM

Quant Time: Aug 07 16:25:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 04 16:17:29 2021  
 Response via : Initial Calibration



TIC: BG049700.D\data.ms

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

**14.900min (+ 0.014) 9.59 ng/u1**

**response 8501**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.70 | 112.01 |
| 41.00  | 45.40  | 39.86  |
| 42.00  | 26.90  | 29.87  |

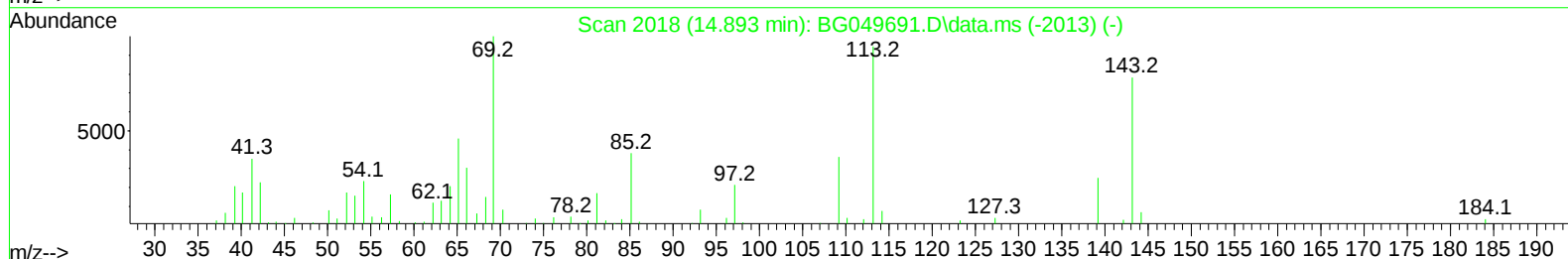
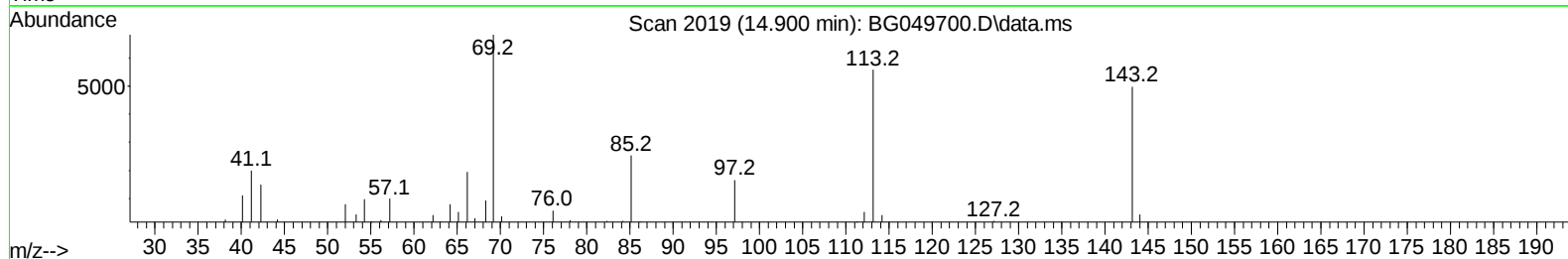
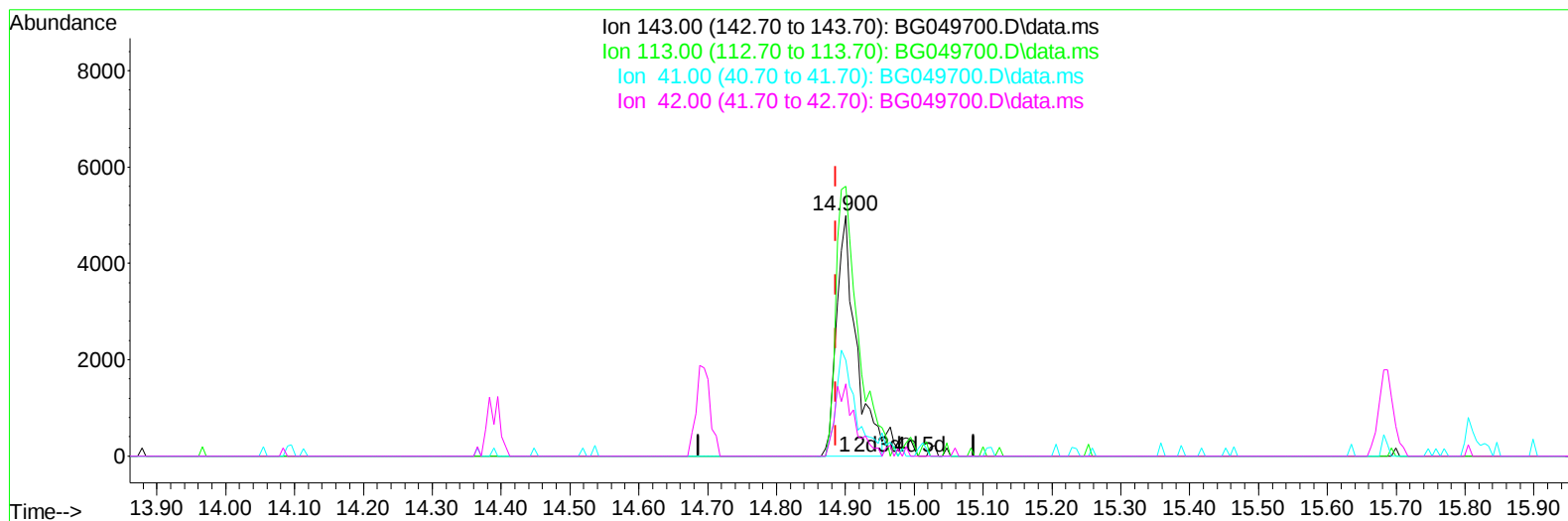
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TIC: BG049700.D\data.ms

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

**14.900min (+ 0.014) 11.05 ng/ul m**

**response 9790**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.70 | 112.01 |
| 41.00  | 45.40  | 39.86  |
| 42.00  | 26.90  | 29.87  |

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Manual Integrations  
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mohammad  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.045  | 152  | 24660    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.865 | 136  | 101803   | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.695 | 164  | 69850    | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.444 | 188  | 143939   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.726 | 240  | 129319   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.010 | 264  | 130500   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.433  | 96   | 1545     | 2.929  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.856  | 84   | 12327    | 7.788  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.199  | 99   | 34953    | 15.618 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.363  | 67   | 21070    | 16.390 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.575  | 132  | 27065    | 16.896 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.750  | 113  | 21494    | 12.596 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.214  | 128  | 12971    | 16.175 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.936  | 143  | 16653    | 18.184 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.483 | 165  | 26604    | 15.406 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.000 | 131  | 31172    | 13.186 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.090 | 166  | 98874    | 18.038 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.389 | 160  | 116954   | 17.934 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.900 | 143  | 9790m    | 11.046 | ng/ul | 0.01     |
| 60) Fluorene-d10              | 15.687 | 176  | 85138    | 18.069 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.811 | 200  | 9439     | 9.743  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.544 | 188  | 123867   | 18.231 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.835 | 212  | 143161   | 20.092 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.781 | 264  | 127541   | 17.836 | ng/ul | 0.00     |

Target Compounds Qvalue  
 -----

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

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