

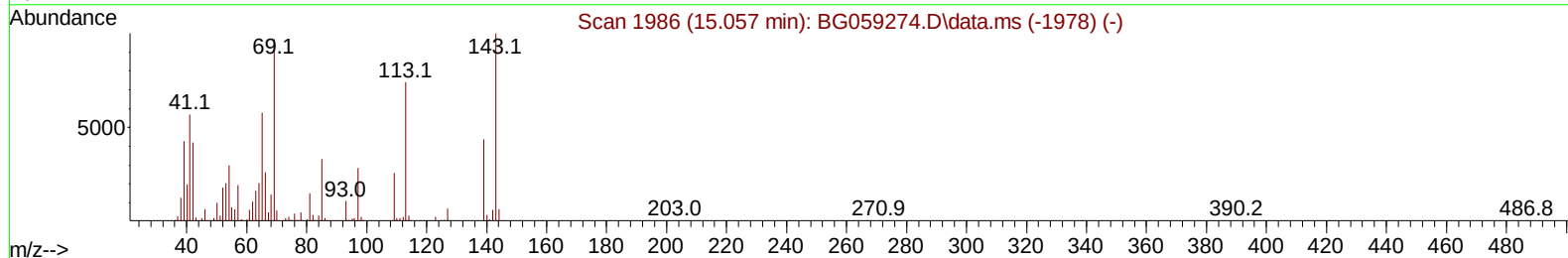
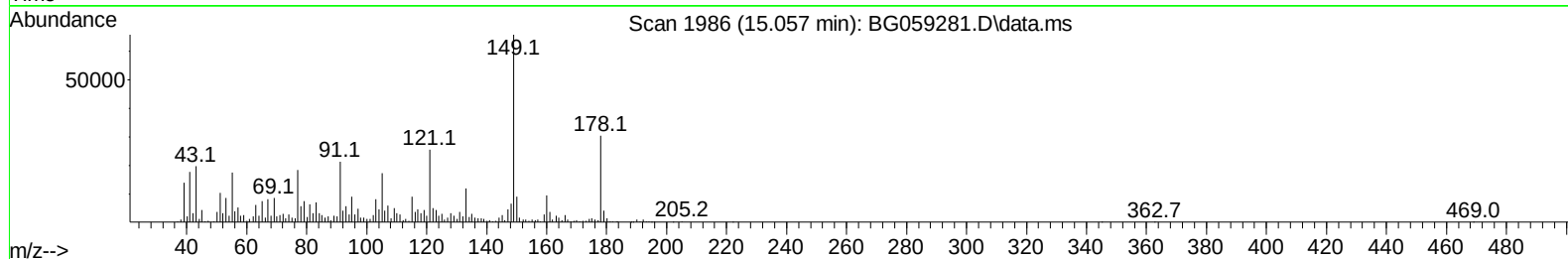
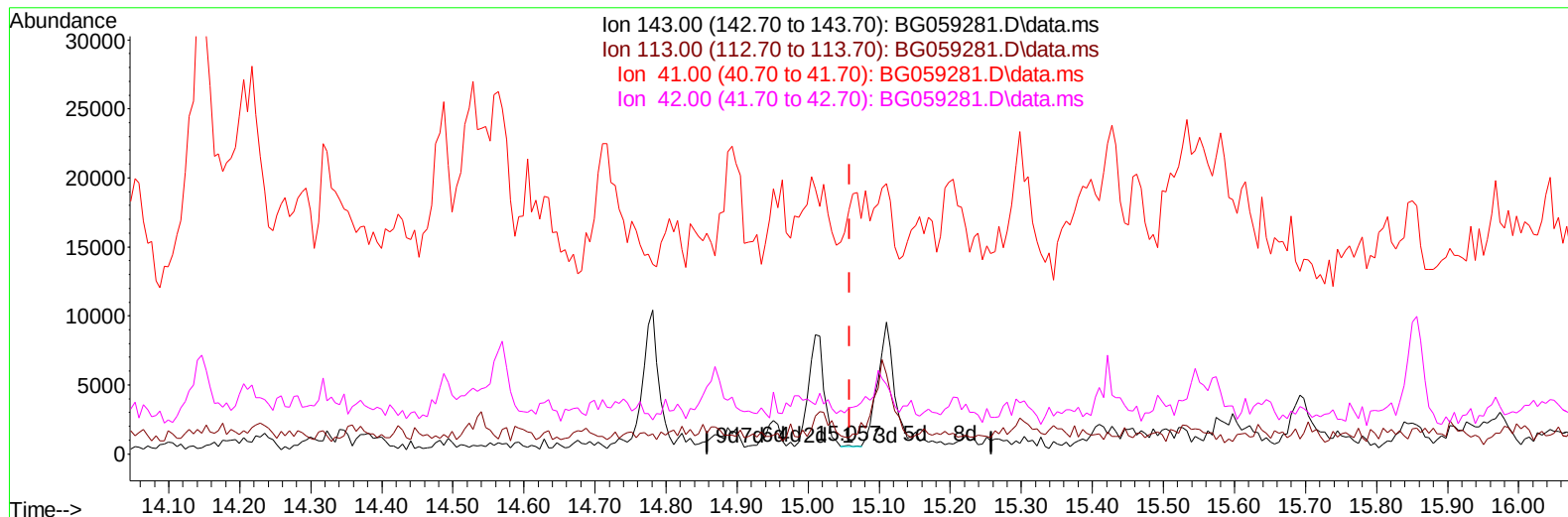
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100423\  
Data File : BG059281.D  
Acq On : 4 Oct 2023 14:59  
Operator : MA/JU  
Sample : 04497-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBJR3

Manual IntegrationsAPPROVED

Quant Time: Oct 04 22:47:42 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 28 04:33:25 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/05/2023  
Supervised By :mohammad ahmed 10/06/2023



TIC: BG059281.D\data.ms

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

**15.057min (-0.001) 0.06 ng/u1**

**response 97**

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 61.10  | 186.66#  |
| 41.00  | 57.70  | 2779.28# |
| 42.00  | 37.50  | 525.12#  |

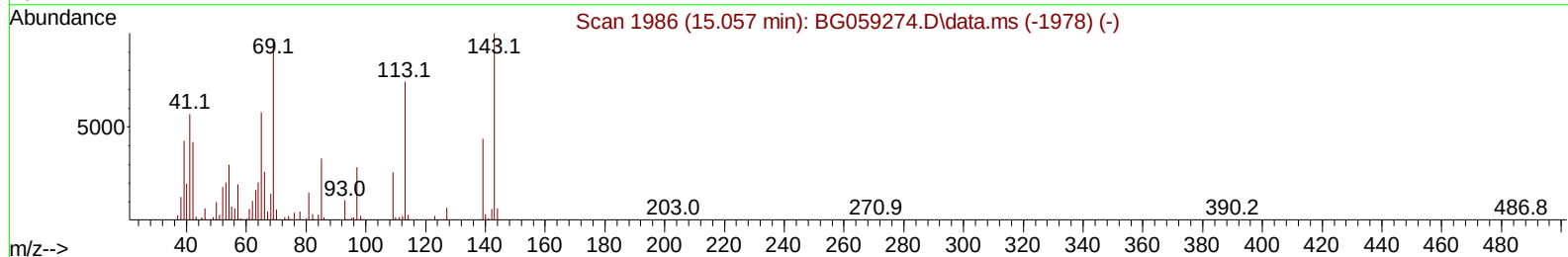
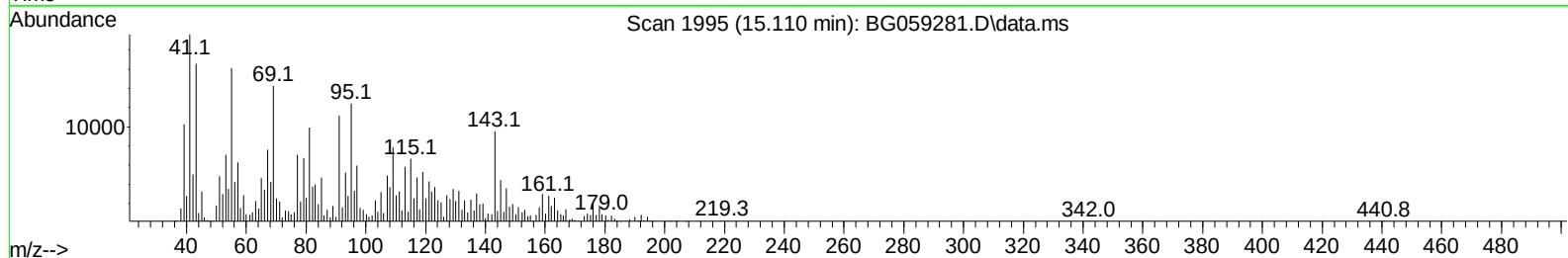
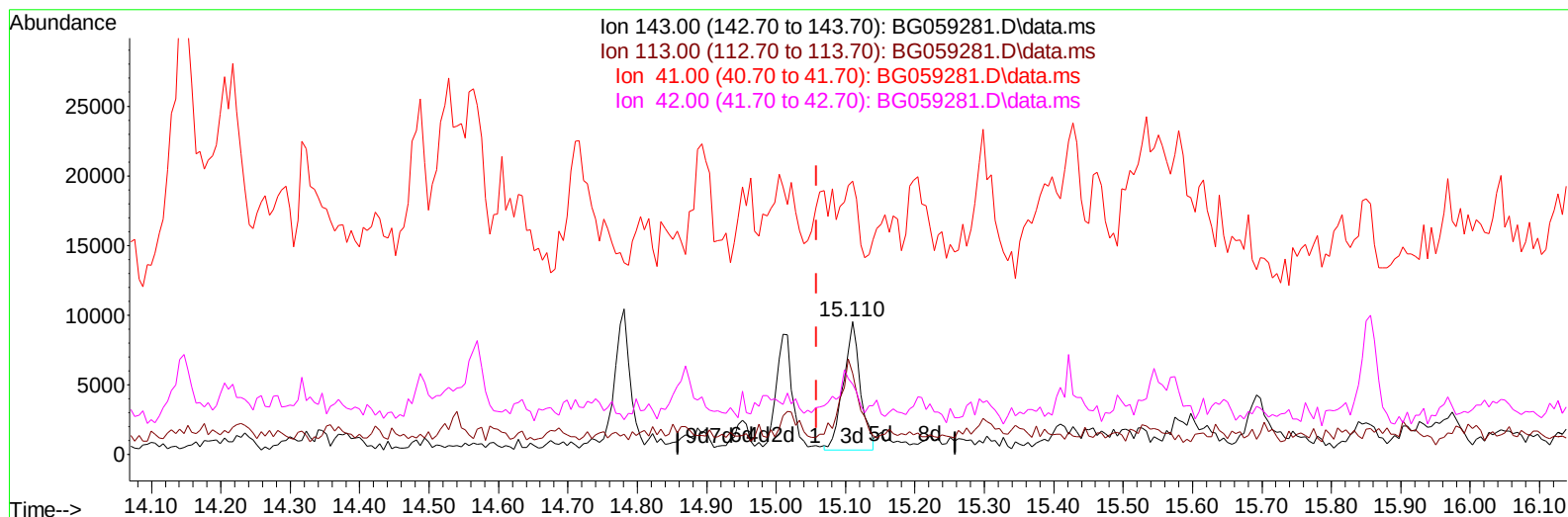
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**(54) 4-Nitrophenol-d4 (S)**

**15.110min (+ 0.052) 9.28 ng/ul m**

**response 15573**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 61.10  | 60.80   |
| 41.00  | 57.70  | 205.56# |
| 42.00  | 37.50  | 52.74#  |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJR3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2023  
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 23:33:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.236  | 152  | 37493    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 11.074 | 136  | 167543   | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.869 | 164  | 132877   | 20.000 | ng/ul | # 0.00   |
| 64) Phenanthrene-d10          | 17.619 | 188  | 210589   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.914 | 240  | 183580   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.386 | 264  | 208506   | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.535  | 96   | 4797     | 4.829  | ng/uL | 0.01     |
| 4) Pyridine-d5                | 3.964  | 84   | 39458    | 13.613 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.372  | 99   | 41429    | 11.039 | ng/ul | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.554  | 67   | 101826   | 42.473 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.754  | 132  | 100967   | 40.022 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.935  | 113  | 69658    | 24.011 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.428  | 128  | 73641    | 62.287 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.151 | 143  | 63824    | 54.991 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.686 | 165  | 115552   | 48.464 | ng/ul | 0.01     |
| 31) 4-Chloroaniline-d4        | 11.226 | 131  | 1894     | 0.491  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.270 | 166  | 357323   | 37.194 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.570 | 160  | 423359   | 35.109 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.110 | 143  | 15573m   | 9.283  | ng/ul | 0.05     |
| 60) Fluorene-d10              | 15.856 | 176  | 343131   | 37.527 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.968 | 200  | 52123    | 48.152 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.719 | 188  | 458558   | 47.789 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.987 | 212  | 516726   | 50.262 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.151 | 264  | 504233   | 50.324 | ng/ul | -0.01    |

Target Compounds Qvalue

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

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