

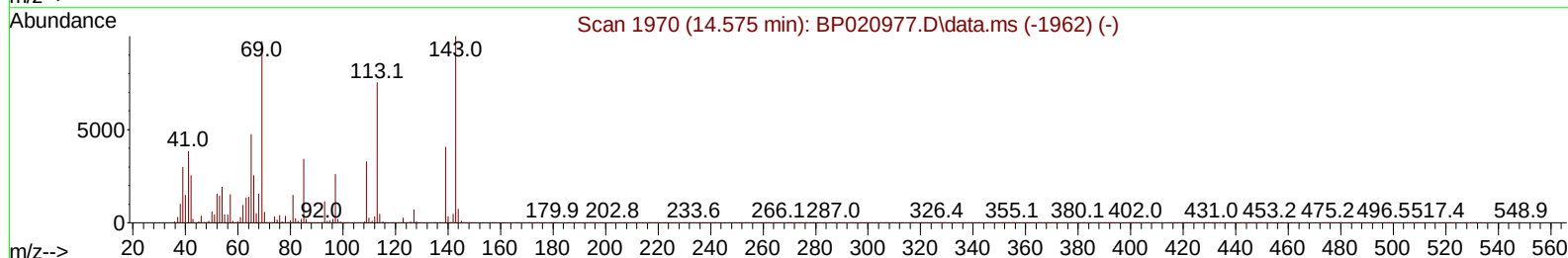
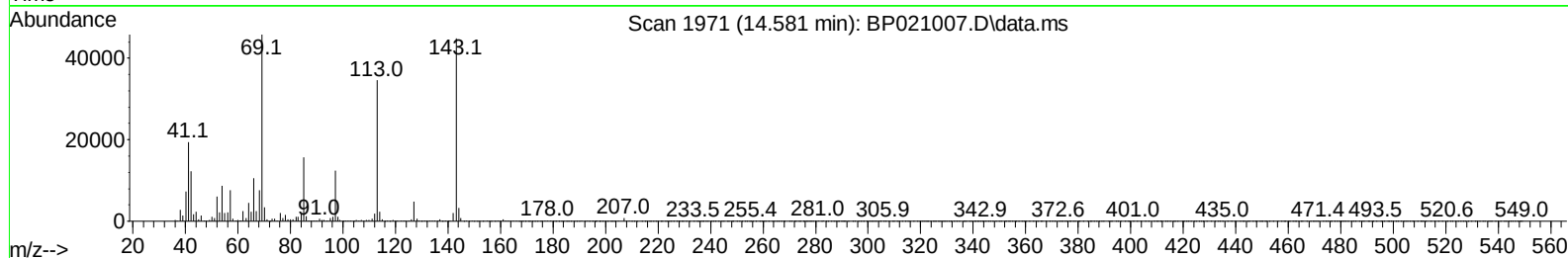
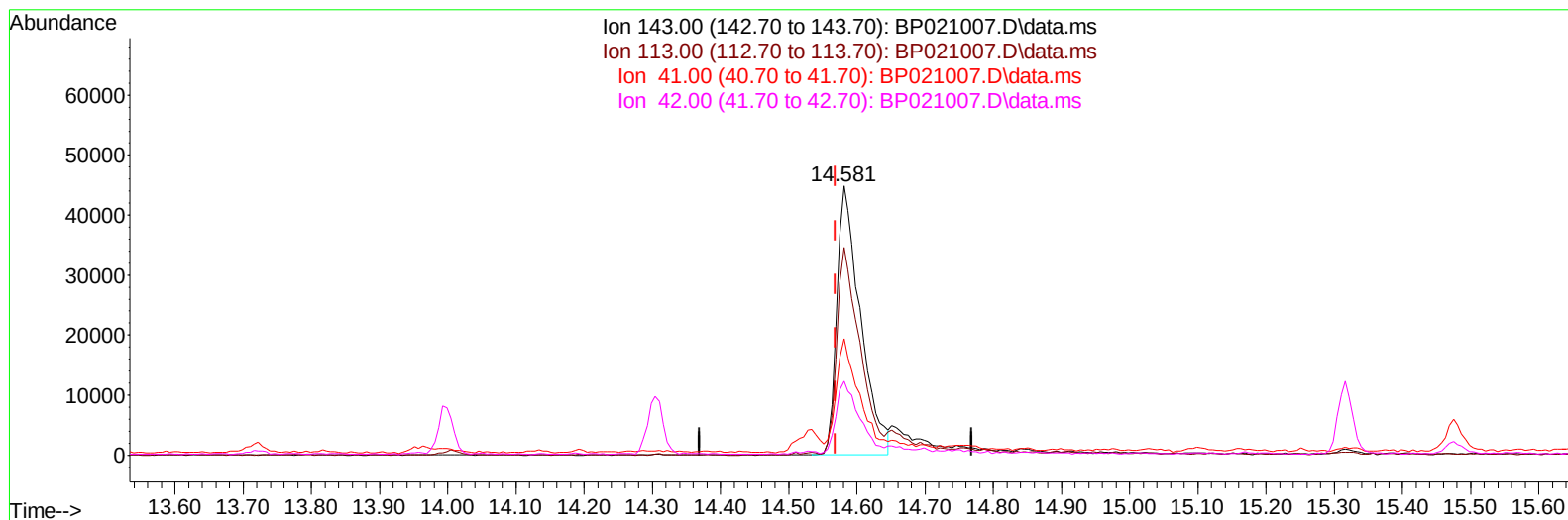
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071524\  
Data File : BP021007.D  
Acq On : 17 Jul 2024 03:25  
Operator : MA/JU  
Sample : P3178-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4BT1

Manual IntegrationsAPPROVED

Quant Time: Jul 17 04:27:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 15 12:22:22 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BP021007.D\data.ms

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

**14.581min (+ 0.012) 19.20 ng/ul**

**response 108192**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 77.17  |
| 41.00  | 37.90  | 43.37  |
| 42.00  | 27.10  | 27.39  |

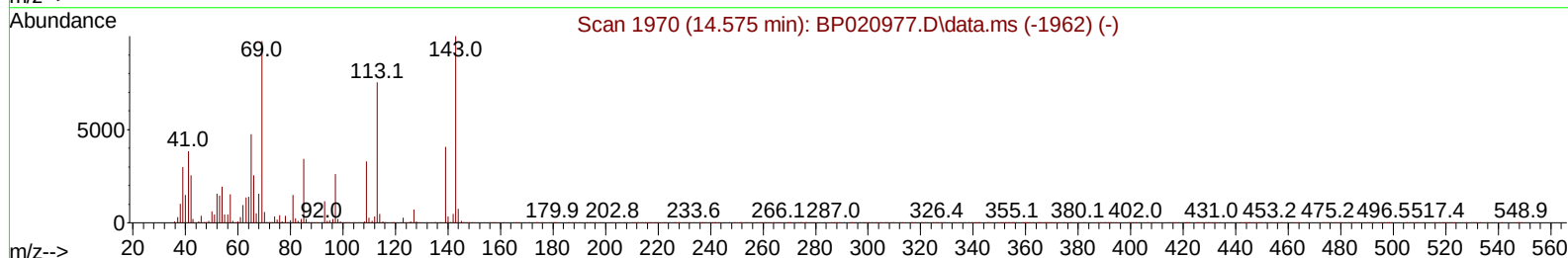
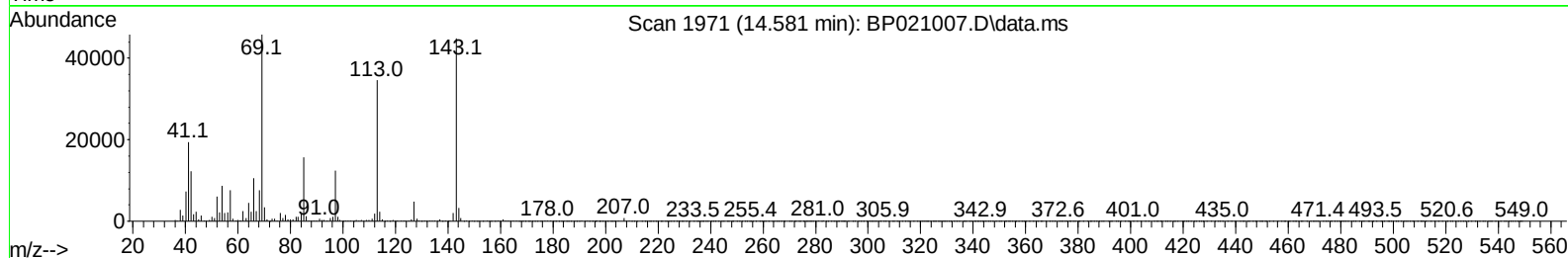
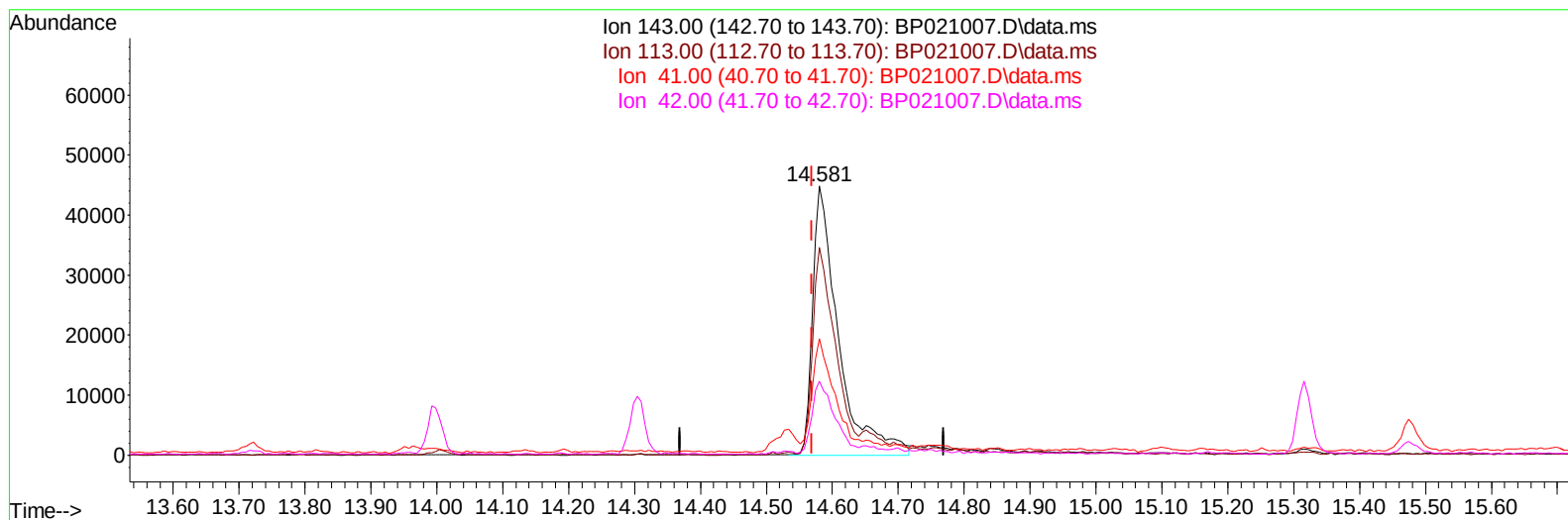
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(54) 4-Nitrophenol-d4 (S)

14.581min (+ 0.012) 21.50 ng/ul m

response 121165

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 77.17  |
| 41.00  | 37.90  | 43.37  |
| 42.00  | 27.10  | 27.39  |

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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 04:28:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 15 12:22:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 238911   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.457 | 136  | 927500   | 20.000 | ng/ul  | 0.01     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 544796   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.116 | 188  | 1121968  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 1182872  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.851 | 264  | 1397656  | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.246  | 96   | 16370    | 3.118  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 26497    | 1.743  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.893  | 99   | 385691   | 19.802 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.040  | 67   | 236295   | 20.018 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.240  | 132  | 325982   | 20.313 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.410  | 113  | 322692   | 19.947 | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.852  | 128  | 155707   | 21.614 | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.552  | 143  | 175490   | 21.283 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.099 | 165  | 308320   | 20.679 | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.610 | 131  | 219422   | 11.109 | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 920578   | 23.245 | ng/ul  | 0.01     |
| 49) Acenaphthylene-d8         | 13.998 | 160  | 1049623  | 23.603 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.581 | 143  | 121165m  | 21.503 | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.316 | 176  | 782380   | 24.080 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 109132   | 16.076 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.216 | 188  | 1201927  | 24.119 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 1194544  | 16.335 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.621 | 264  | 861339   | 12.495 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.157 | 178  | 91874    | 1.579  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.257 | 202  | 242184   | 2.742  | ng/ul  | 99       |
| 82) Pyrene                    | 19.639 | 202  | 151151   | 1.682  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.533 | 228  | 116599   | 1.407  | ng/ul  | 97       |
| 87) Chrysene                  | 21.610 | 228  | 139652   | 1.814  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.816 | 252  | 207434   | 2.446  | ng/ul# | 90       |
| -----                         |        |      |          |        |        |          |

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

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