

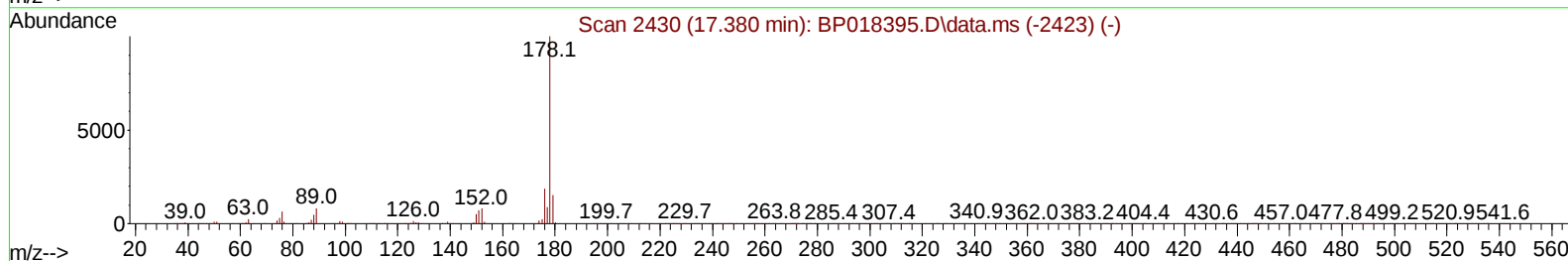
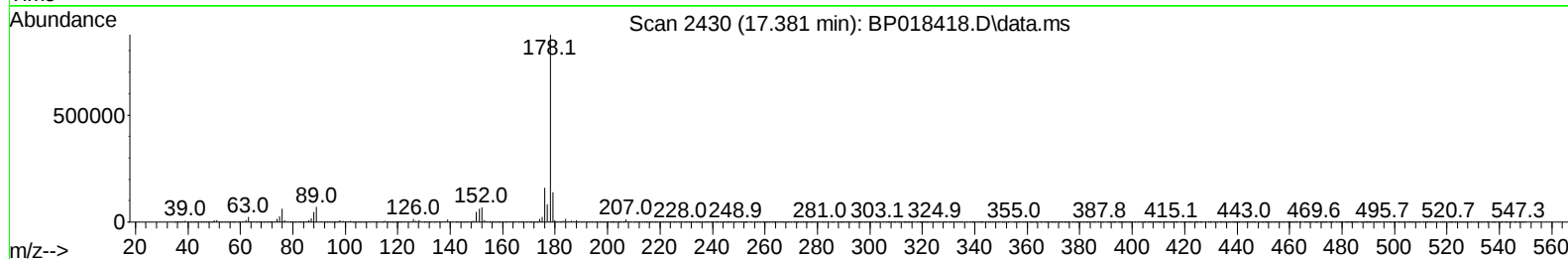
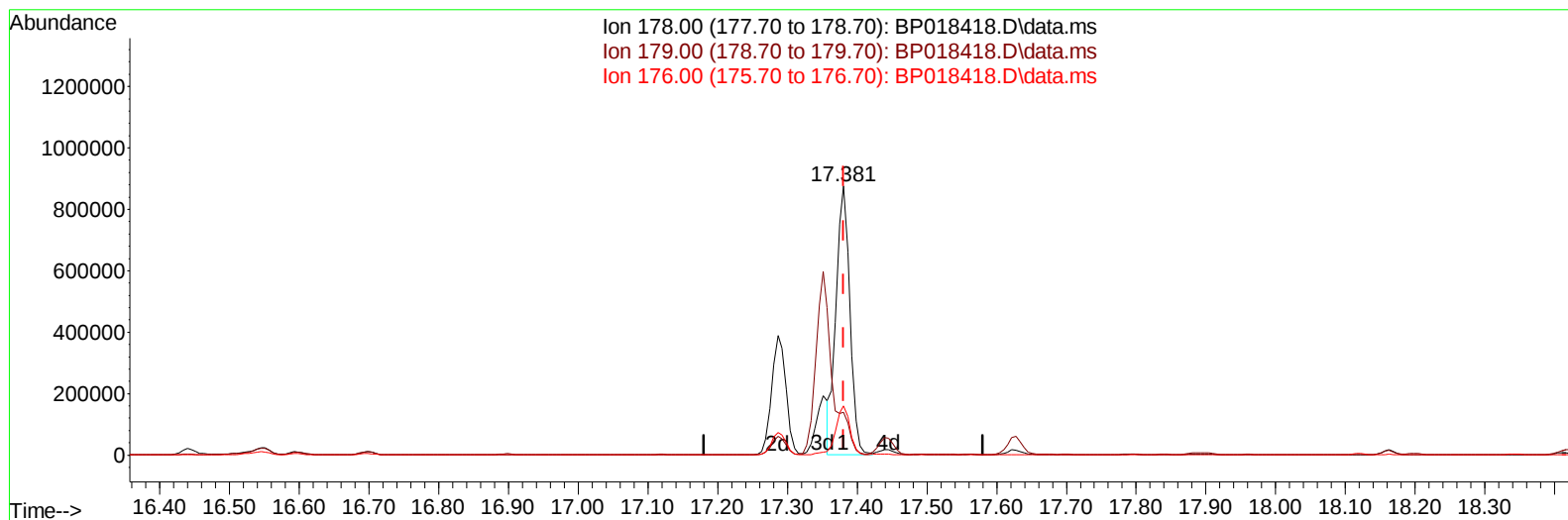
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112723\  
 Data File : BP018418.D  
 Acq On : 28 Nov 2023 01:42  
 Operator : MA/JU  
 Sample : 05332-16  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YCG97

Manual IntegrationsAPPROVED

Quant Time: Nov 28 03:31:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 28 02:41:10 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :mohammad ahmed 12/01/2023



TIC: BP018418.D\data.ms

(74) Anthracene

17.381min (+ 0.000) 10.90 ng/u1

response 1200366

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.50  | 15.82  |
| 176.00 | 19.00  | 18.27  |
| 0.00   | 0.00   | 0.00   |

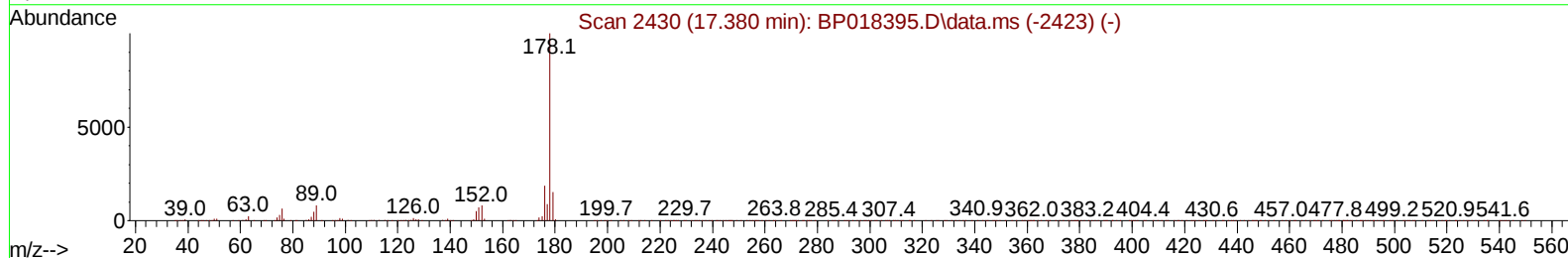
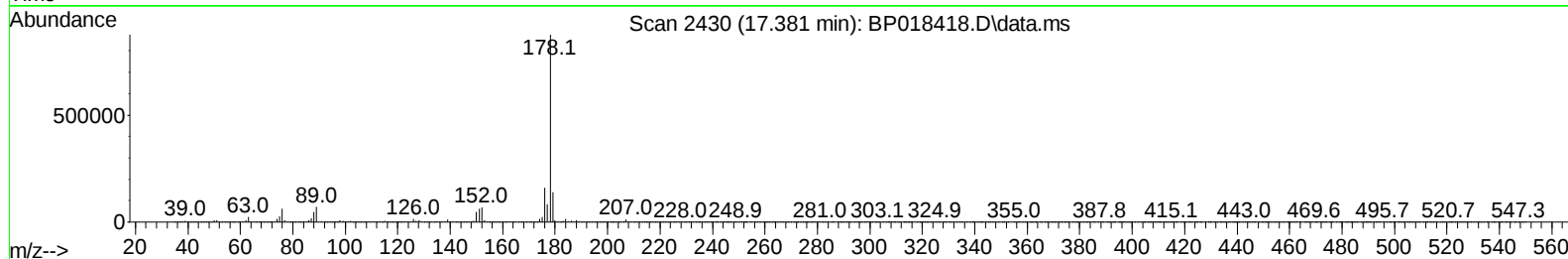
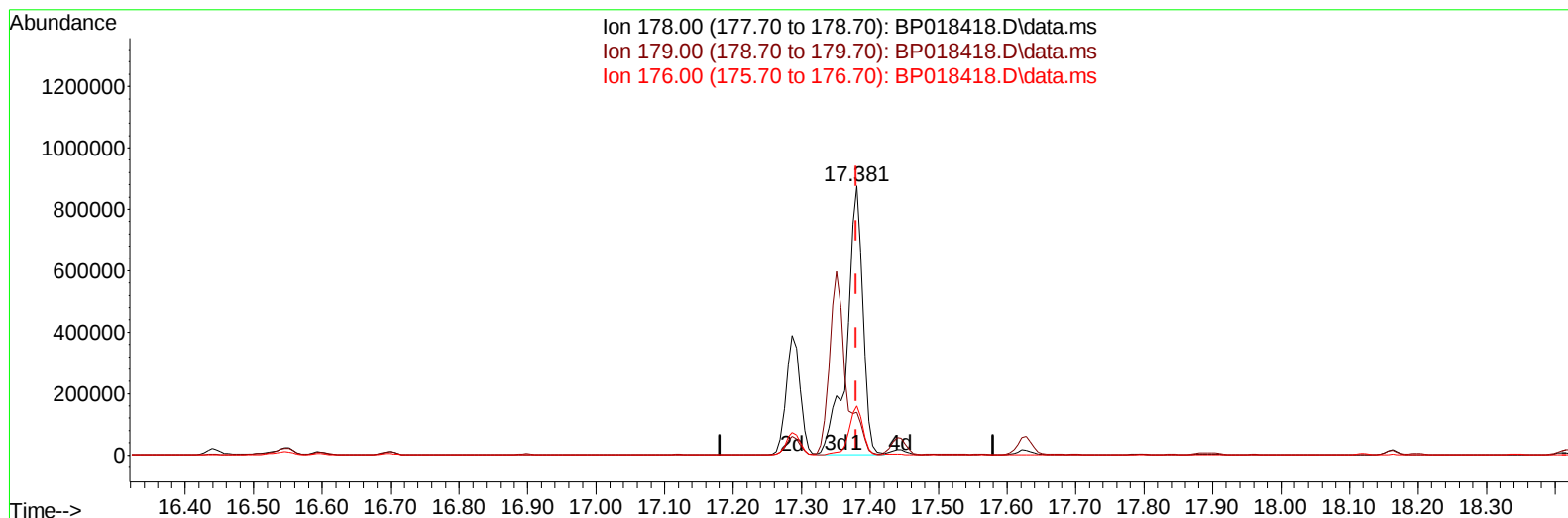
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TIC: BP018418.D\data.ms

(74) Anthracene

17.381min (+ 0.000) 13.05 ng/u1 m

response 1437355

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.50  | 15.82  |
| 176.00 | 19.00  | 18.27  |
| 0.00   | 0.00   | 0.00   |

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## Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.858  | 152  | 381531   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.657 | 136  | 1448195  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.493 | 164  | 813195   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 1794153  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.386 | 240  | 1861209  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.927 | 264  | 2126389  | 20.000  | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.270  | 96   | 34500    | 3.387   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 224168   | 8.008   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.022  | 99   | 186548   | 5.350   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.193  | 67   | 506688   | 24.301  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.387  | 132  | 579785   | 19.804  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 351863   | 12.504  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 335144   | 28.492  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.740  | 143  | 306605   | 28.224  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 636505   | 24.286  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.793 | 131  | 715373   | 20.238  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.910 | 166  | 2134452  | 29.498  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.187 | 160  | 2329438  | 28.253  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 55169    | 5.523   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.487 | 176  | 1858824  | 30.713  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200  | 218155   | 28.563  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.345 | 188  | 3064048  | 31.952  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.592 | 212  | 3834960  | 25.889  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.757 | 264  | 4177759  | 33.889  | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 37) 1-Methylnaphthalene       | 12.534 | 142  | 73522    | 1.178   | ng/ul# | 97       |
| 43) 1,1'-Biphenyl             | 13.334 | 154  | 3754518  | 52.991  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.222 | 152  | 12248119 | 133.273 | ng/ul  | 97       |
| 52) Acenaphthene              | 14.557 | 153  | 4482997  | 74.672  | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.893 | 168  | 4954525  | 60.365  | ng/ul  | 99       |
| 61) Fluorene                  | 15.545 | 166  | 4278689  | 63.925  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.286 | 178  | 549480   | 5.035   | ng/ul  | 99       |
| 74) Anthracene                | 17.381 | 178  | 1437355m | 13.048  | ng/ul  |          |
| 77) Carbazole                 | 17.651 | 167  | 1843874  | 20.661  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.269 | 202  | 1920474  | 10.853  | ng/ul  | 97       |
| 82) Pyrene                    | 19.622 | 202  | 1715844  | 9.629   | ng/ul  | 98       |
| -----                         |        |      |          |         |        |          |

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

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