

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\  
 Data File : BM029511.D  
 Acq On : 15 Apr 2021 19:54  
 Operator : CG/JU  
 Sample : M1959-12  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B59

Quant Time: Apr 16 04:49:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 14 17:30:14 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 127686   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 545435   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 350416   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 648071   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 463646   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 406670   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |      |     |    |      |       |
|--------------------------------|------|-----|----|------|-------|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0d | 0.00 | ng/uL |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0d | 0.00 | ng/ul |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |
| 44) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |
| 47) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |
| 52) 4-Nitrophenol-d4           | 0.00 | 143 | 0d | 0.00 | ng/ul |
| 58) Fluorene-d10               | 0.00 | 176 | 0d | 0.00 | ng/ul |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |
| 71) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |
| 79) Pyrene-d10                 | 0.00 | 212 | 0d | 0.00 | ng/ul |
| 90) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |

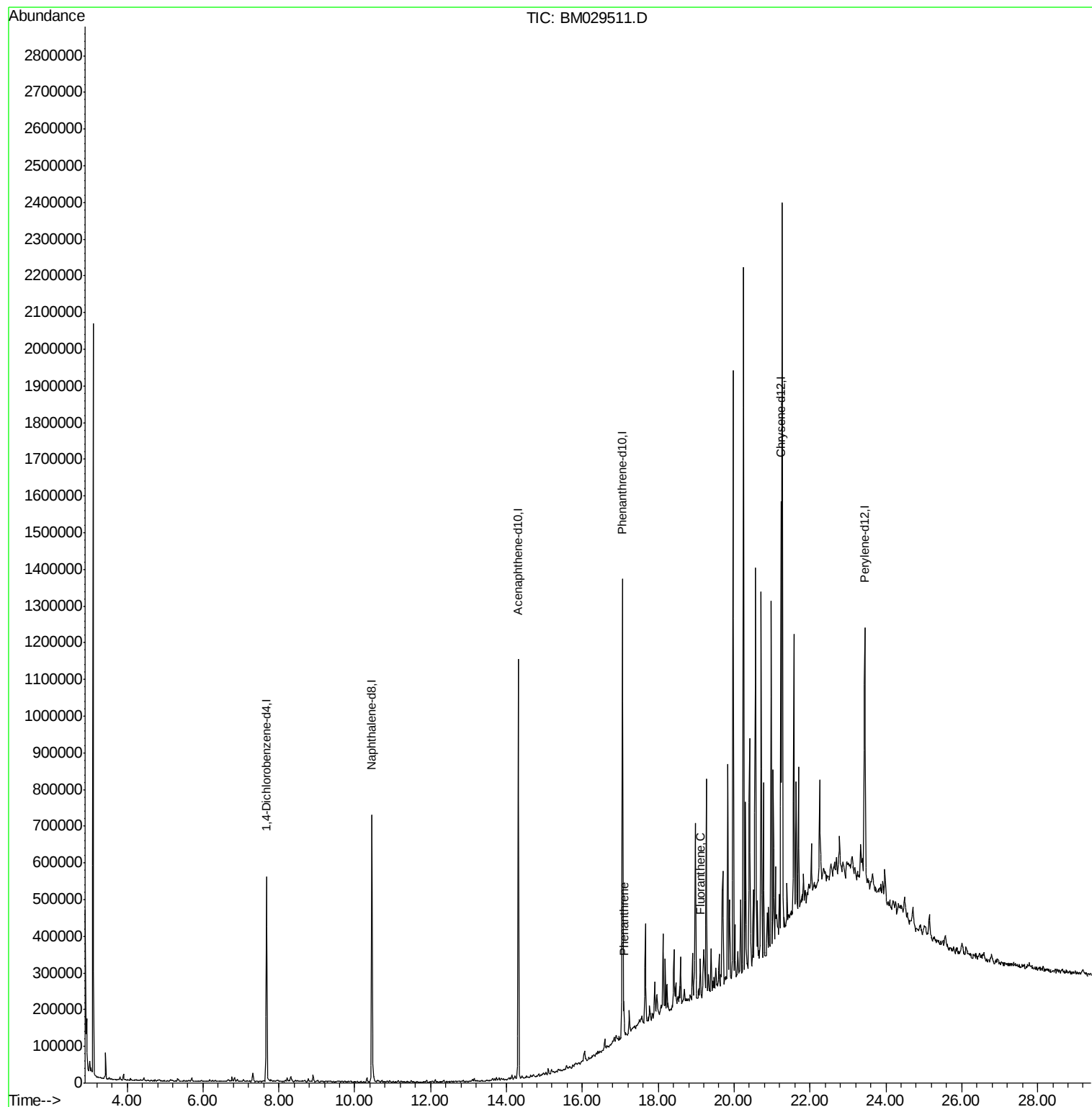
| Target Compounds |       |     |       | Ovalue         |
|------------------|-------|-----|-------|----------------|
| 70) Phenanthrene | 17.10 | 178 | 42231 | 1.132 ng/ul 97 |
| 77) Fluoranthene | 19.12 | 202 | 52585 | 1.245 ng/ul 98 |

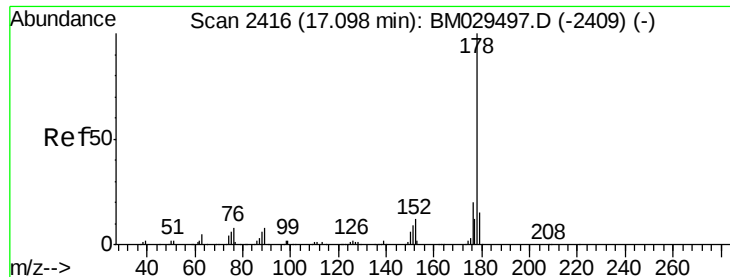
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.132 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. -0.00 min

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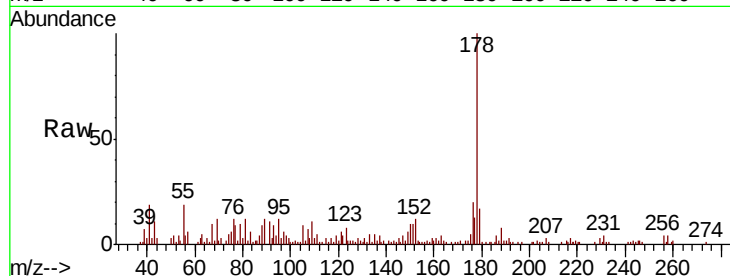
Tot Ion:178 Resp: 42231

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.2

176 19.7 15.4 23.2



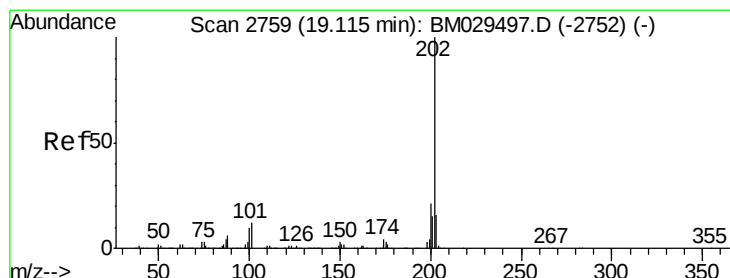
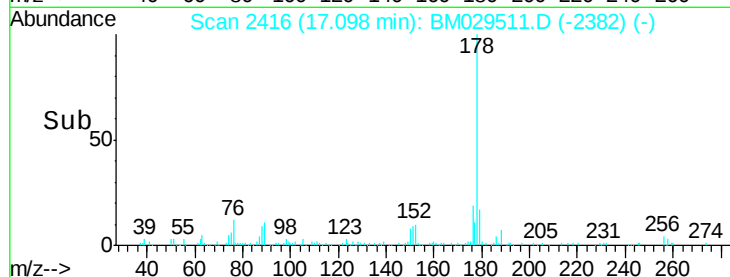
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.10

Time-->



#77

Fluoranthene

Concen: 1.245 ng/ul

RT: 19.12 min Scan# 2759

Delta R.T. -0.00 min

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Acq: 15 Apr 2021 19:54

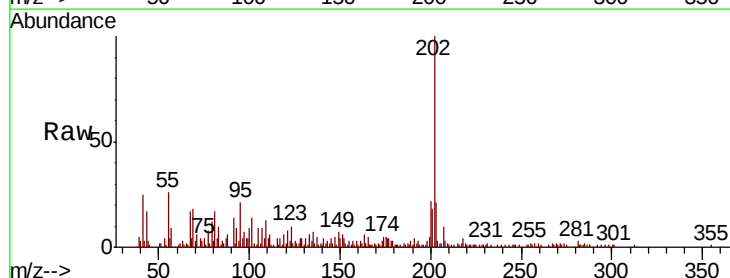
Tgt Ion:202 Resp: 52585

Ion Ratio Lower Upper

202 100

101 13.8 9.8 14.6

100 9.2 7.4 11.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.12

Time-->

