

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101821\  
 Data File : BP007517.D  
 Acq On : 20 Oct 2021 08:20  
 Operator : CG/JU  
 Sample : M4126-05  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA5

Quant Time: Oct 20 10:40:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 18 11:26:58 2021  
 Response via : Initial Calibration

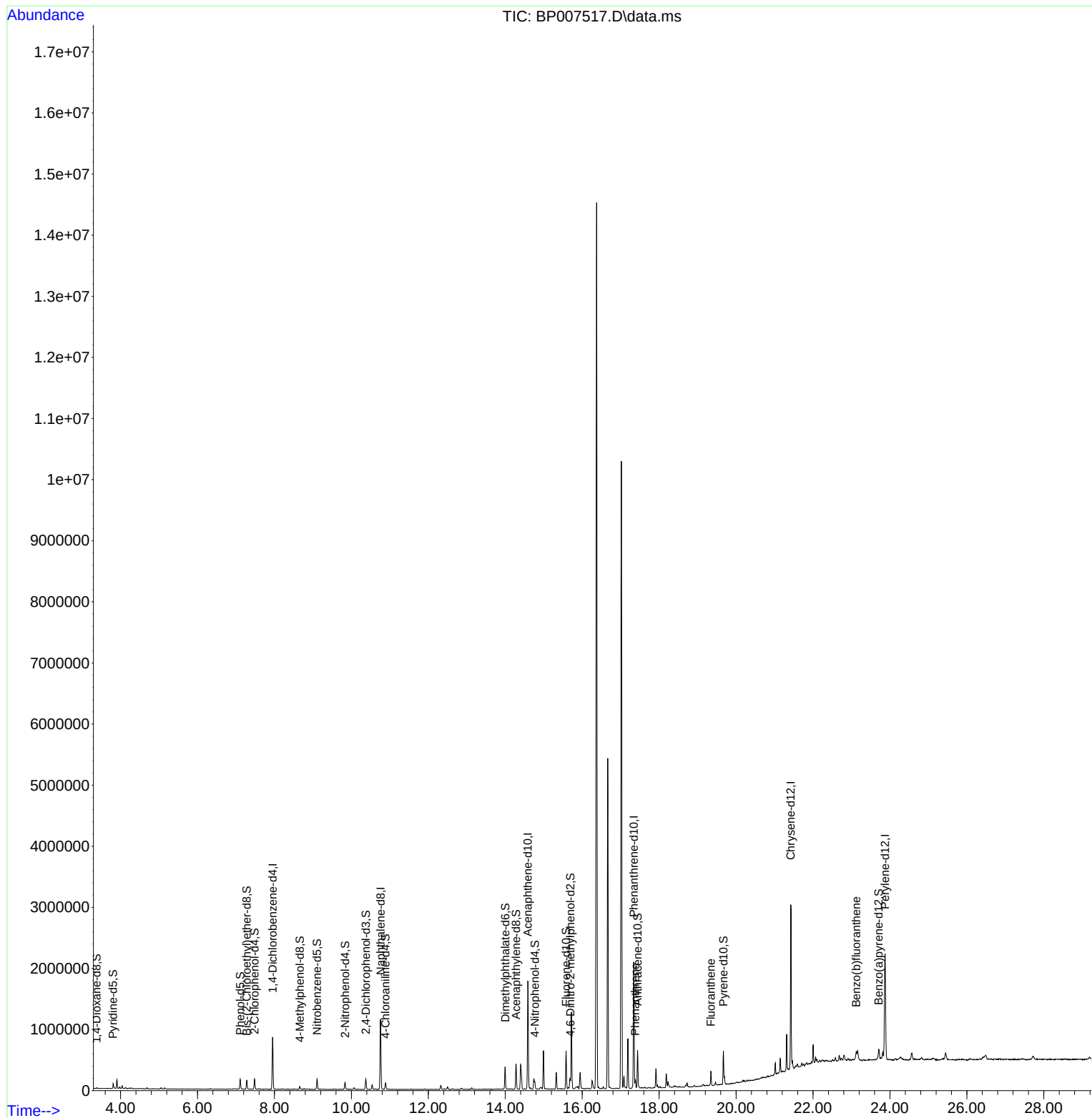
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 232422   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.757 | 136  | 943370   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.587 | 164  | 611942   | 20.00 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.339 | 188  | 1259448  | 20.00 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.422 | 240  | 1337707  | 20.00 | ng/ul | -0.02    |
| 88) Perylene-d12              | 23.874 | 264  | 1375085  | 20.00 | ng/ul | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8             | 3.375  | 96   | 6050     | 1.03  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.805  | 84   | 26682    | 1.66  | ng/ul | 0.01     |
| 7) Phenol-d5                  | 7.111  | 99   | 88977    | 4.90  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.281  | 67   | 63250    | 5.84  | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.481  | 132  | 75533    | 5.29  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.658  | 113  | 16609    | 1.19  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.105  | 128  | 37495    | 6.28  | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.834  | 143  | 37698    | 6.76  | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.375 | 165  | 62799    | 4.62  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.887 | 131  | 57098    | 3.10  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.998 | 166  | 256085   | 6.05  | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.281 | 160  | 303675   | 5.71  | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.769 | 143  | 29091    | 4.28  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.581 | 176  | 232382   | 6.56  | ng/ul | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 200  | 20094    | 3.98  | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.439 | 188  | 344214   | 6.44  | ng/ul | -0.01    |
| 81) Pyrene-d10                | 19.669 | 212  | 264515   | 3.96  | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.710 | 264  | 133675   | 1.95  | ng/ul | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 72) Phenanthrene              | 17.381 | 178  | 80439    | 1.28  | ng/ul | 98       |
| 80) Fluoranthene              | 19.345 | 202  | 133697   | 1.61  | ng/ul | 98       |
| 90) Benzo(b)fluoranthene      | 23.121 | 252  | 116782   | 1.40  | ng/ul | 93       |
| -----                         |        |      |          |       |       |          |

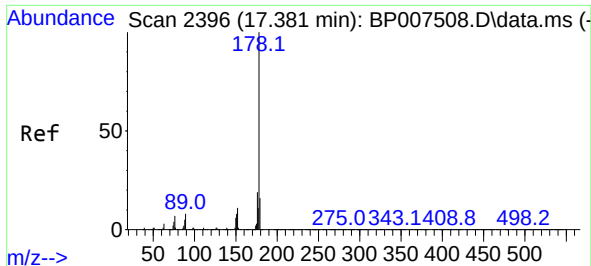
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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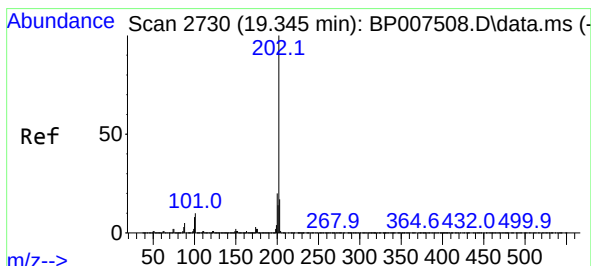
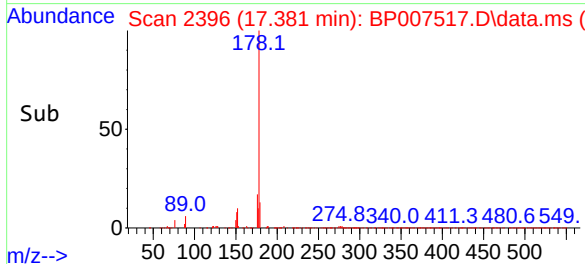
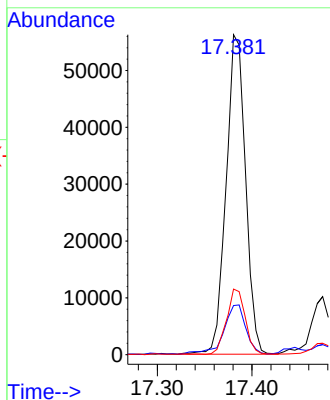
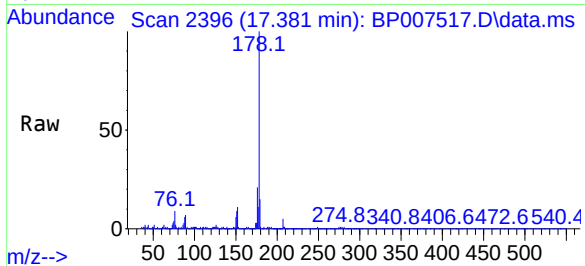




#72  
Phenanthrene  
Concen: 1.28 ng/ul  
RT: 17.381 min Scan# 2396  
Delta R.T. -0.012 min  
Lab File: BP007517.D  
Acq: 20 Oct 2021 08:20

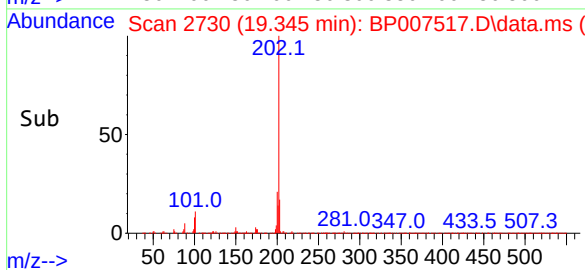
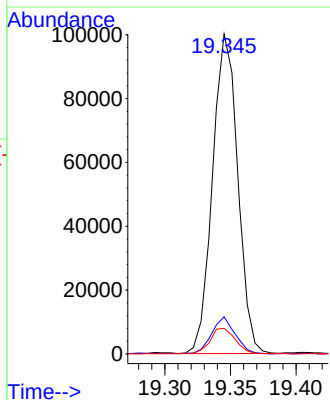
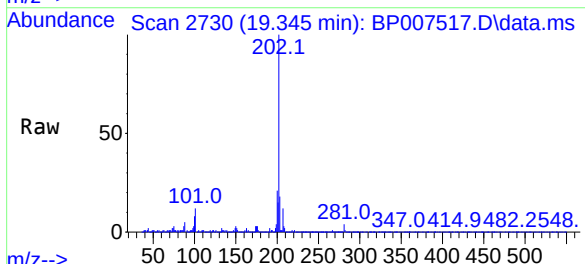
Instrument :  
BNA\_P  
ClientSampleId :  
C0AA5

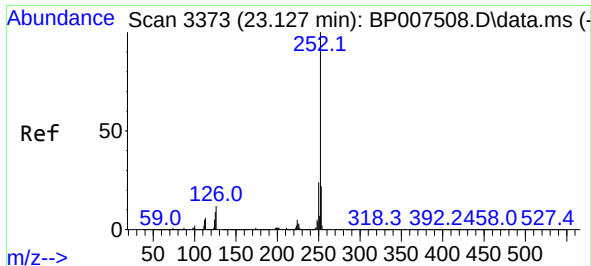
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 80439     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 15.3  | 12.1 18.1 |
| 176         | 20.5  | 15.2 22.8 |



#80  
Fluoranthene  
Concen: 1.61 ng/ul  
RT: 19.345 min Scan# 2730  
Delta R.T. -0.012 min  
Lab File: BP007517.D  
Acq: 20 Oct 2021 08:20

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 133697   |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 11.6  | 8.4 12.6 |
| 100         | 8.0   | 6.3 9.5  |





#90

Benzo(b)fluoranthene

Concen: 1.40 ng/ul

RT: 23.121 min Scan# 3372

Delta R.T. -0.023 min

Lab File: BP007517.D

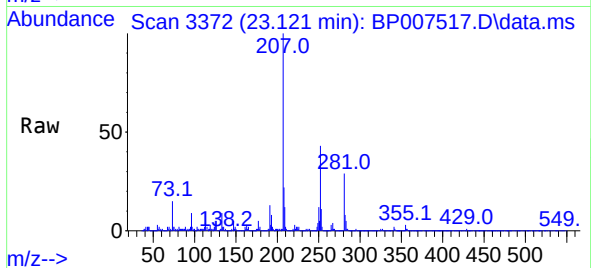
Acq: 20 Oct 2021 08:20

Instrument :

BNA\_P

ClientSampleId :

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Tgt Ion:252 Resp: 116782

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.2

125 10.6 7.8 11.6

