

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012324\  
 Data File : BP019425.D  
 Acq On : 23 Jan 2024 17:52  
 Operator : MA/JU  
 Sample : P1157-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AF5

Quant Time: Jan 24 00:11:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 22 11:49:04 2024  
 Response via : Initial Calibration

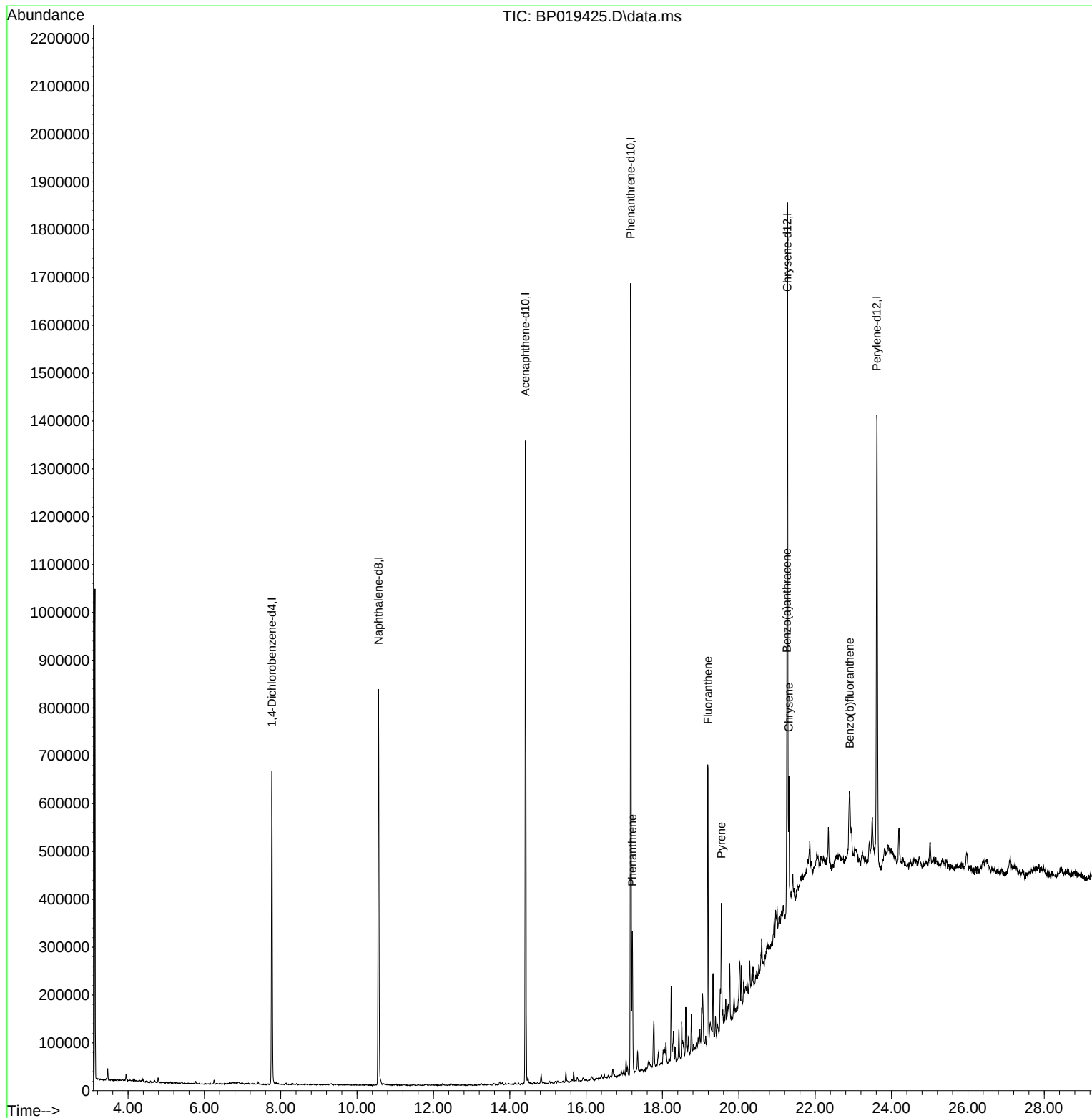
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 172542   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.563 | 136  | 655990   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.410 | 164  | 458188   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 974509   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.274 | 240  | 707787   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.615 | 264  | 771512   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/u1  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/u1  |          |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000  | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000  | ng/u1  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000  | ng/u1  |          |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 0.000  | 166  | 0d       | 0.000  | ng/u1  |          |
| 49) Acenaphthylene-d8         | 0.000  | 160  | 0d       | 0.000  | ng/u1  |          |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000  | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 0.000  | 188  | 0d       | 0.000  | ng/u1  |          |
| 81) Pyrene-d10                | 0.000  | 212  | 0d       | 0.000  | ng/u1  |          |
| 92) Benzo(a)pyrene-d12        | 0.000  | 264  | 0d       | 0.000  | ng/u1  |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.210 | 178  | 171175   | 3.127  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.192 | 202  | 361631   | 6.629  | ng/u1  | 98       |
| 82) Pyrene                    | 19.545 | 202  | 168251   | 3.039  | ng/u1  | 97       |
| 85) Benzo(a)anthracene        | 21.257 | 228  | 123534   | 2.242  | ng/u1  | 99       |
| 87) Chrysene                  | 21.310 | 228  | 155430   | 3.086  | ng/u1  | 100      |
| 90) Benzo(b)fluoranthene      | 22.904 | 252  | 115391   | 2.093  | ng/u1# | 97       |
| -----                         |        |      |          |        |        |          |

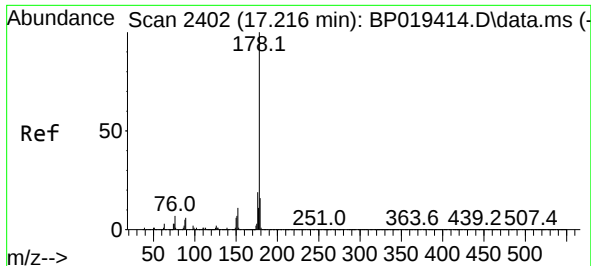
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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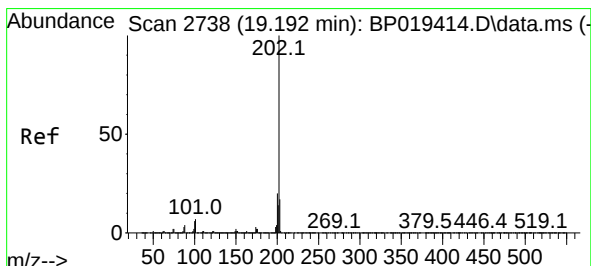
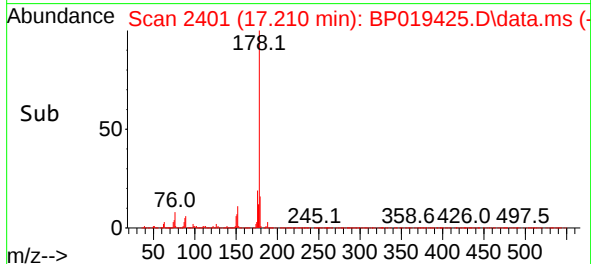
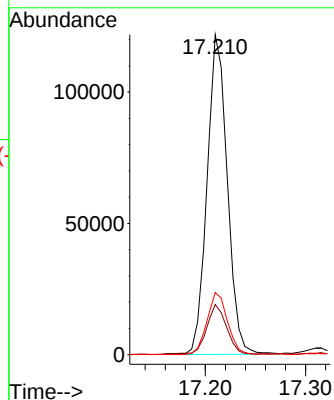
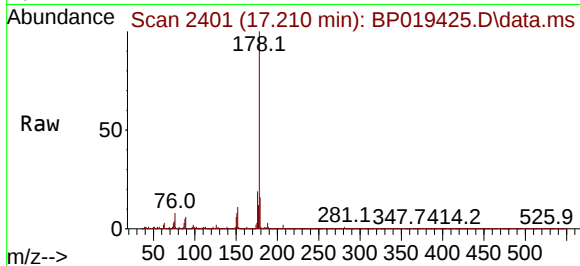




#72  
Phenanthrene  
Concen: 3.127 ng/ul  
RT: 17.210 min Scan# 2401  
Delta R.T. -0.006 min  
Lab File: BP019425.D  
Acq: 23 Jan 2024 17:52

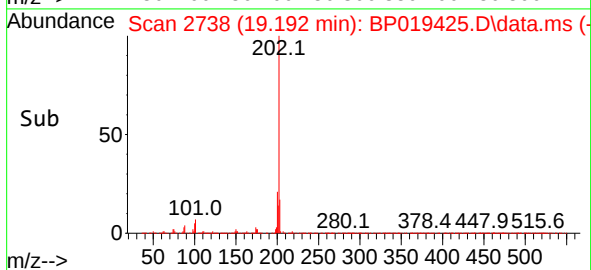
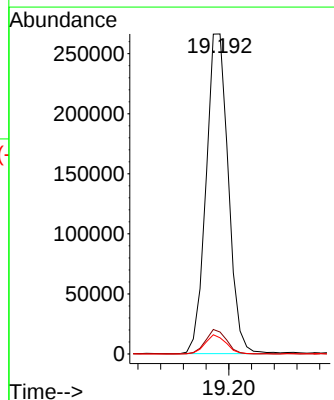
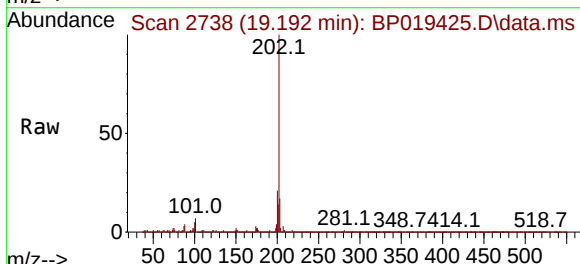
Instrument :  
BNA\_P  
ClientSampleId :  
C0AF5

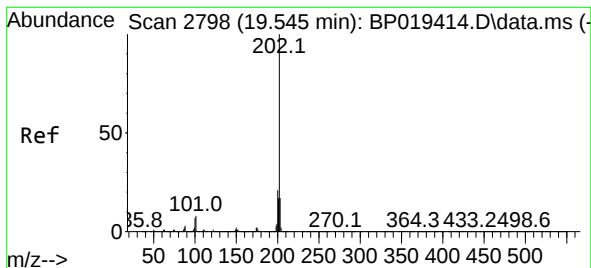
Tgt Ion:178 Resp: 171175  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.1 18.1  
176 19.4 15.4 23.2



#80  
Fluoranthene  
Concen: 6.629 ng/ul  
RT: 19.192 min Scan# 2738  
Delta R.T. -0.000 min  
Lab File: BP019425.D  
Acq: 23 Jan 2024 17:52

Tgt Ion:202 Resp: 361631  
Ion Ratio Lower Upper  
202 100  
101 6.8 5.9 8.9  
100 5.1 4.6 7.0





#82

Pyrene

Concen: 3.039 ng/ul

RT: 19.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

Instrument :

BNA\_P

ClientSampleId :

C0AF5

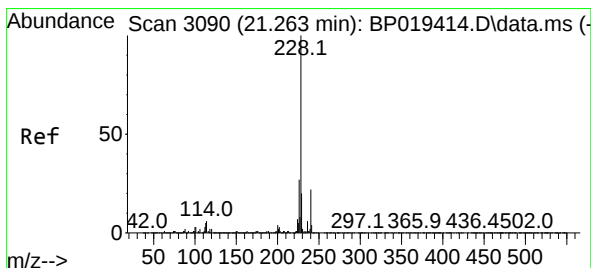
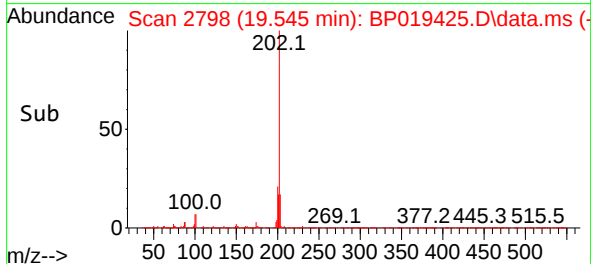
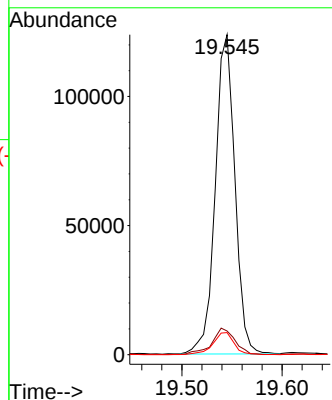
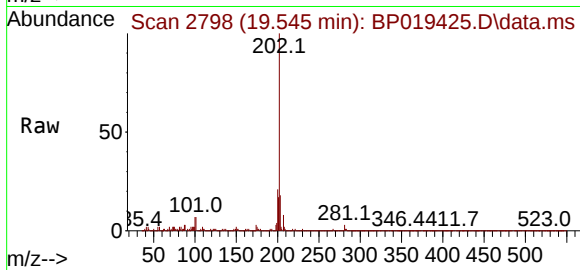
Tgt Ion:202 Resp: 168251

Ion Ratio Lower Upper

202 100

101 7.4 7.2 10.8

100 6.9 5.8 8.6



#85

Benzo(a)anthracene

Concen: 2.242 ng/ul

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

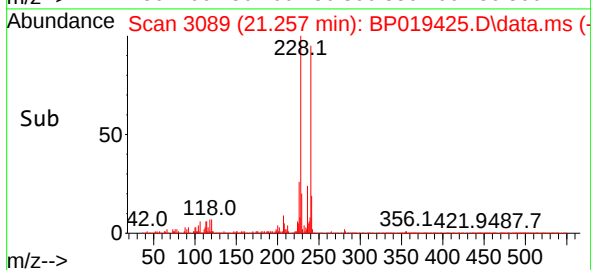
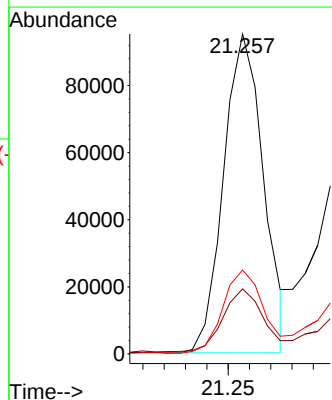
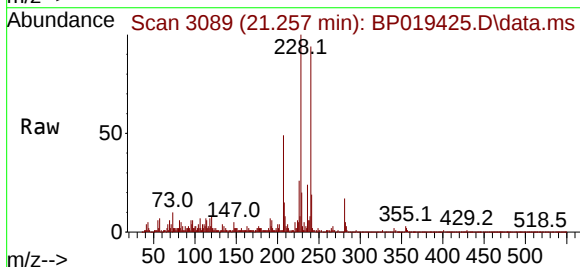
Tgt Ion:228 Resp: 123534

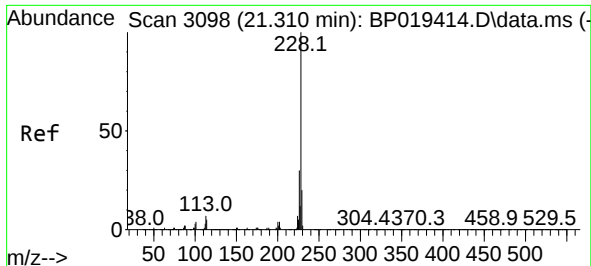
Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.6

226 26.3 21.6 32.4





#87

Chrysene

Concen: 3.086 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

Instrument :

BNA\_P

ClientSampleId :

C0AF5

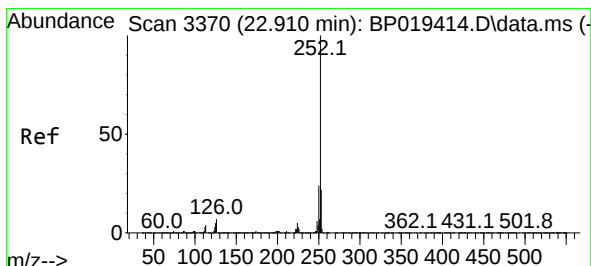
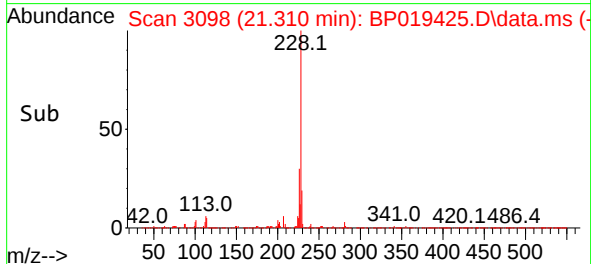
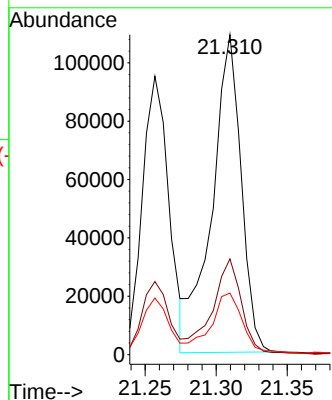
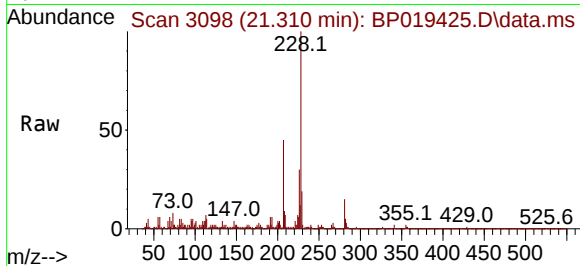
Tgt Ion:228 Resp: 155430

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.093 ng/ul

RT: 22.904 min Scan# 3369

Delta R.T. -0.006 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

Tgt Ion:252 Resp: 115391

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.0 4.9 7.3#

