

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
 Data File : BM021986.D  
 Acq On : 10 Aug 2019 01:23  
 Operator : HP/JU  
 Sample : K4041-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 10 05:24:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration

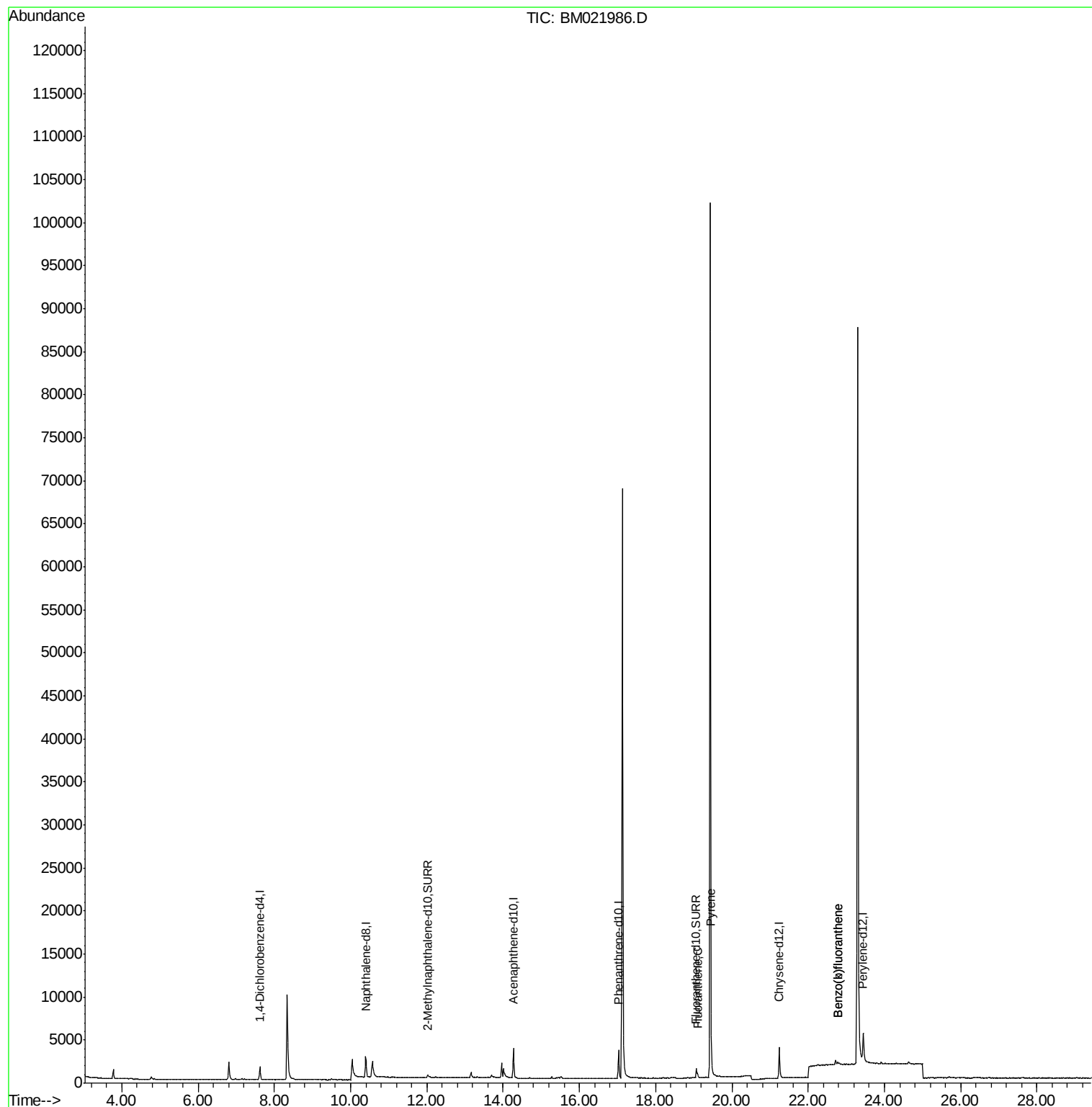
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 845      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.40 | 136  | 3651     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.27 | 164  | 1984     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.03 | 188  | 4408     | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.24 | 240  | 4079     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.44 | 264  | 6043     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 600      | 0.10   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 1427     | 0.10   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 15) Fluoranthene            | 19.10 | 202  | 466      | 0.027  | ng/ul# | 52       |
| 17) Pyrene                  | 19.46 | 202  | 442      | 0.026  | ng/ul# | 28       |
| 21) Benzo(b)fluoranthene    | 22.78 | 252  | 584      | 0.029  | ng/ul# | 1        |
| 22) Benzo(k)fluoranthene    | 22.78 | 252  | 584      | 0.025  | ng/ul# | 1        |

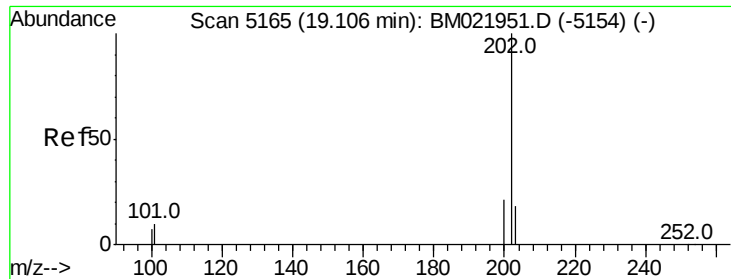
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.10 min Scan# 5163

Delta R.T. -0.01 min

Lab File: BM021986.D

Acq: 10 Aug 2019 01:23

Instrument :

BNA\_M

ClientSampleId :

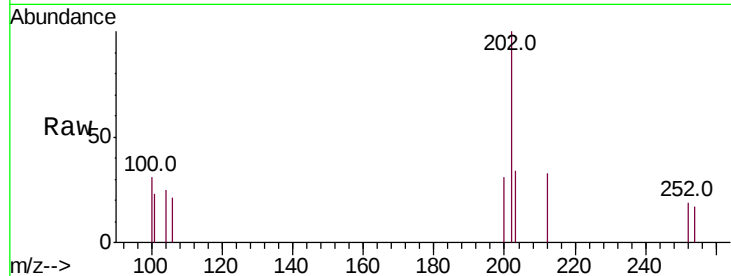
Tot Ion:202 Resp: 466

Ion Ratio Lower Upper

202 100

101 23.4 0.0 30.2

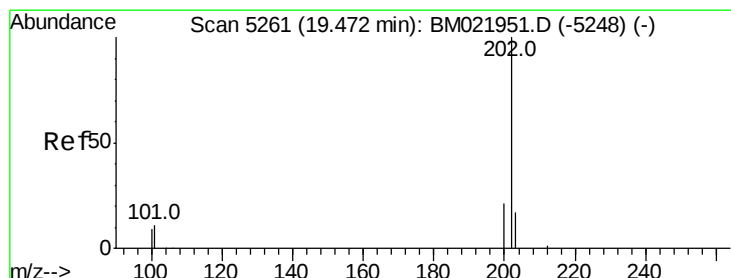
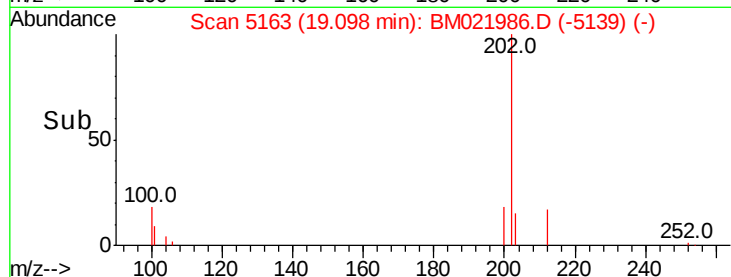
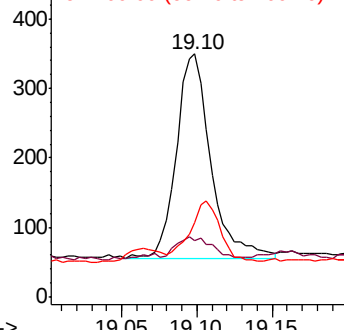
100 30.6 0.0 28.1#



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



#17

Pyrene

Concen: 0.026 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021986.D

Acq: 10 Aug 2019 01:23

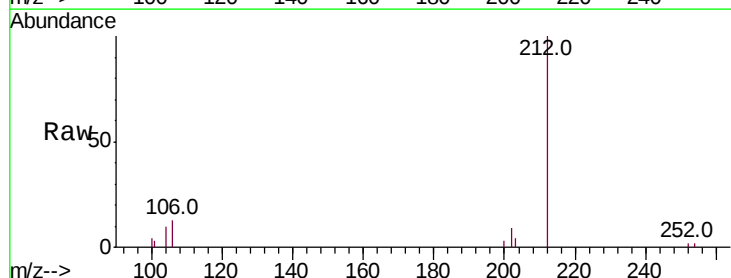
Tgt Ion:202 Resp: 442

Ion Ratio Lower Upper

202 100

101 30.5 8.3 12.5#

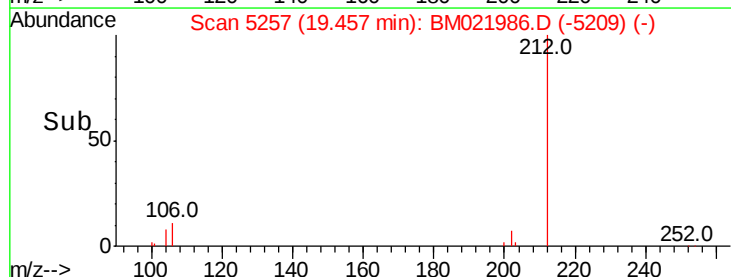
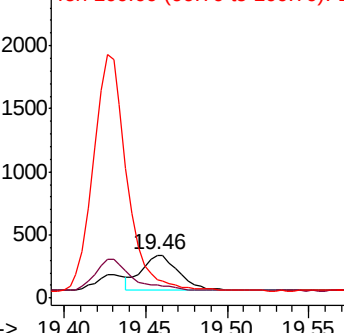
100 42.6 7.2 10.8#

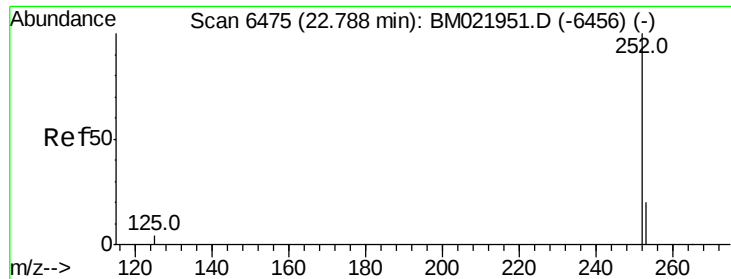


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(b)fluoranthene

Concen: 0.029 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM021986.D

Acq: 10 Aug 2019 01:23

Instrument :

BNA\_M

ClientSampleId :

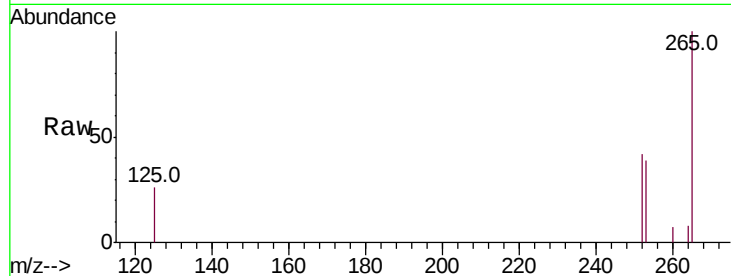
Tot Ion:252 Resp: 584

Ion Ratio Lower Upper

252 100

253 94.6 0.0 67.4#

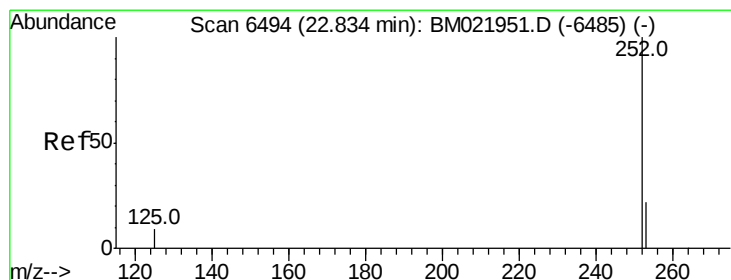
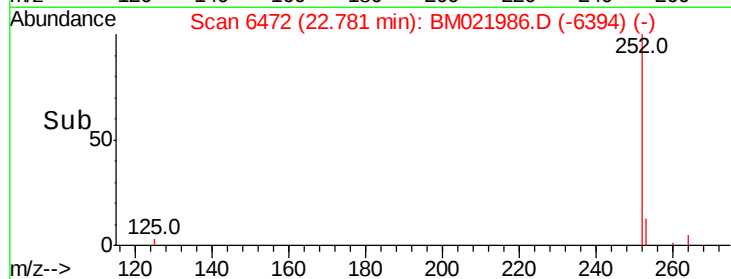
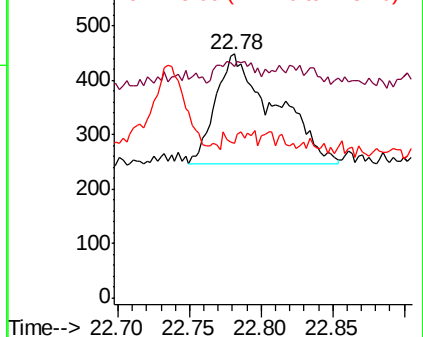
125 63.2 0.0 31.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.025 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM021986.D

Acq: 10 Aug 2019 01:23

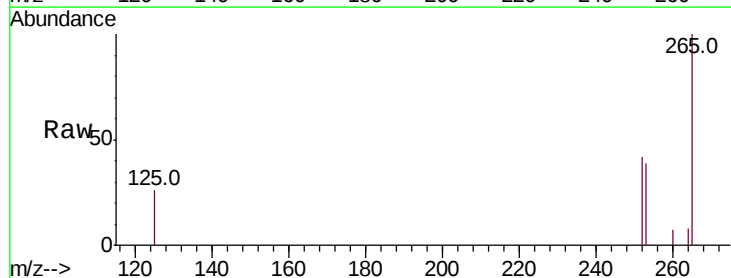
Tgt Ion:252 Resp: 584

Ion Ratio Lower Upper

252 100

253 94.6 27.0 40.4#

125 63.2 12.2 18.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

