

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\  
 Data File : BN009221.D  
 Acq On : 28 Dec 2019 10:55  
 Operator : JU  
 Sample : PB125633BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 29 06:19:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Dec 29 06:16:40 2019  
 Response via : Initial Calibration

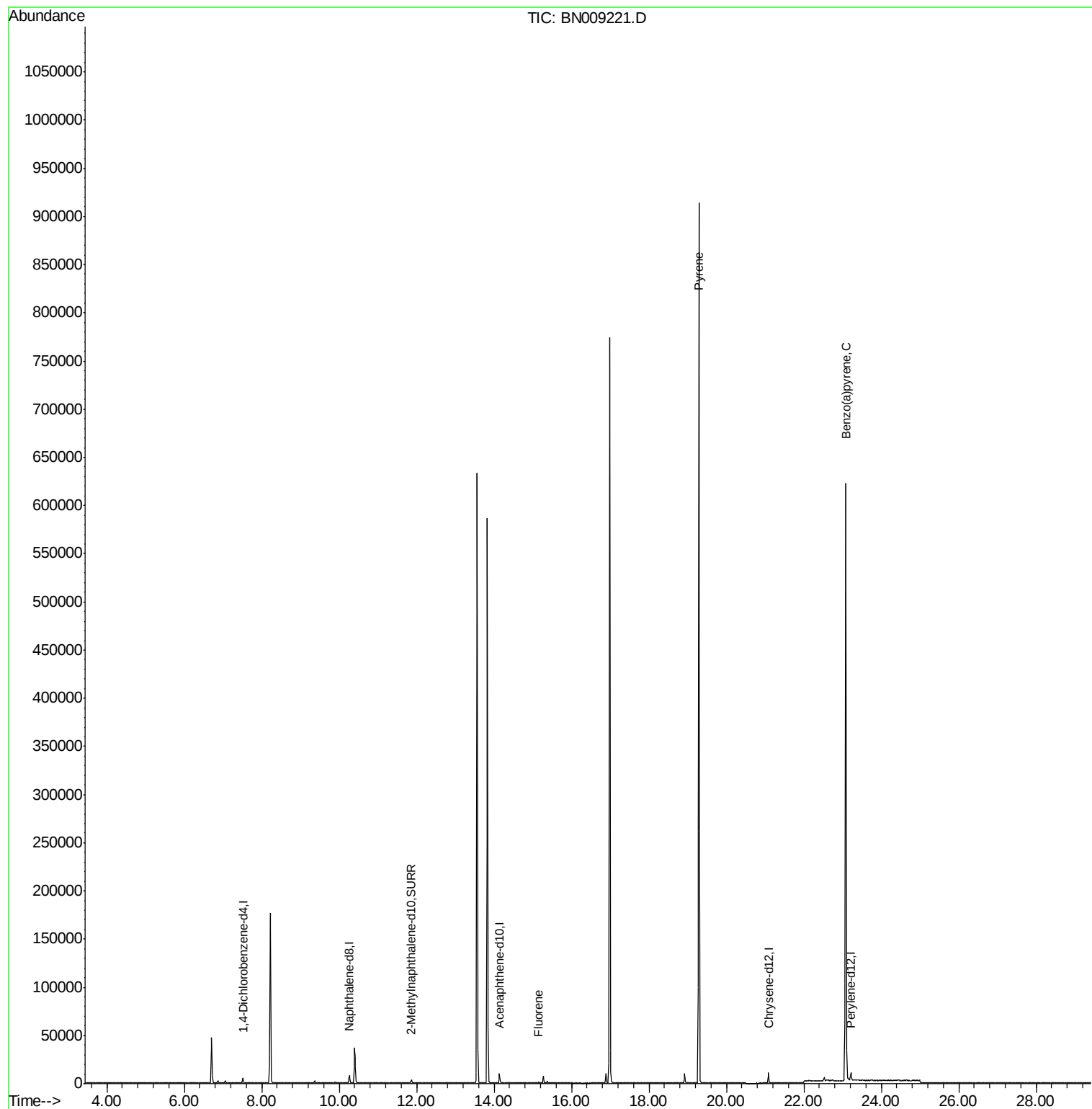
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.51  | 152  | 2789     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.26 | 136  | 10079    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.14 | 164  | 5624     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00  | ng/ul  | -16.89   |
| 16) Chrysene-d12            | 21.09 | 240  | 9048     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 9608     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.86 | 152  | 4826     | 0.27  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.93 | 212  | 10120    | 0.00  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 9) Fluorene                 | 15.14 | 166  | 1504     | 0.055 | ng/ul# | 15       |
| 17) Pyrene                  | 19.29 | 202  | 1365     | 0.030 | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 23.08 | 252  | 3097     | 0.079 | ng/ul# | 54       |

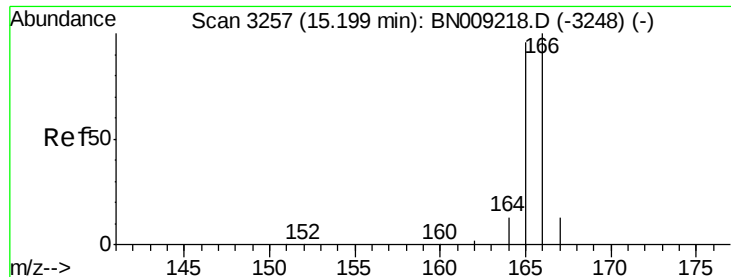
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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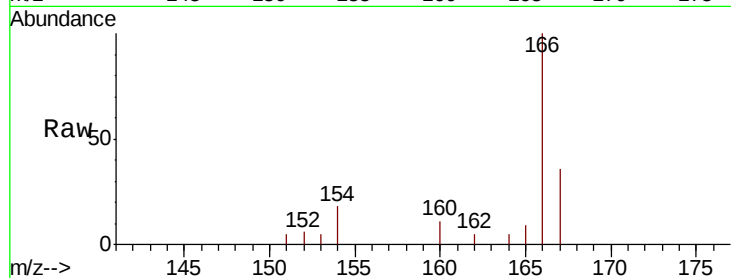




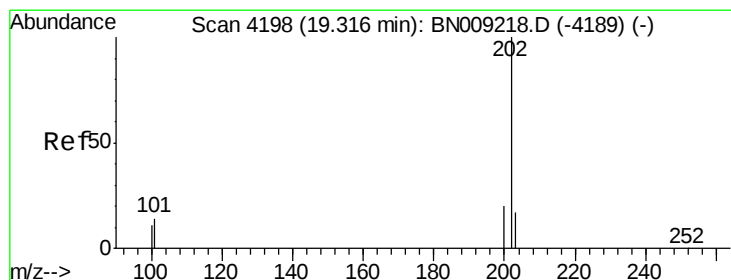
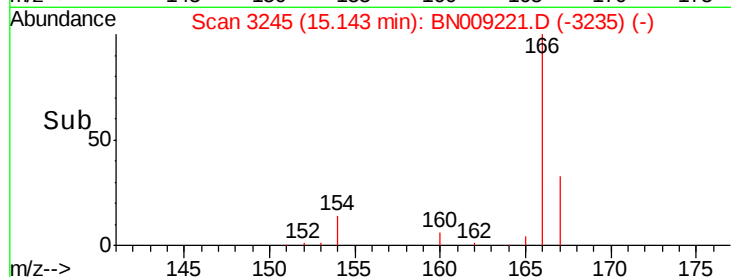
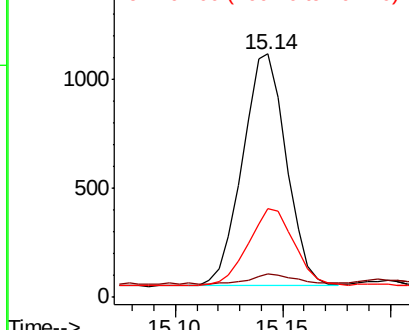
#9  
**Fluorene**  
 Concen: 0.055 ng/ul  
 RT: 15.14 min Scan# 3245  
 Delta R.T. -0.06 min  
 Lab File: BN009221.D  
 Acq: 28 Dec 2019 10:55

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:166 Resp: 1504  
 Ion Ratio Lower Upper  
 166 100  
 165 9.5 78.2 117.4#  
 167 36.3 11.0 16.6#

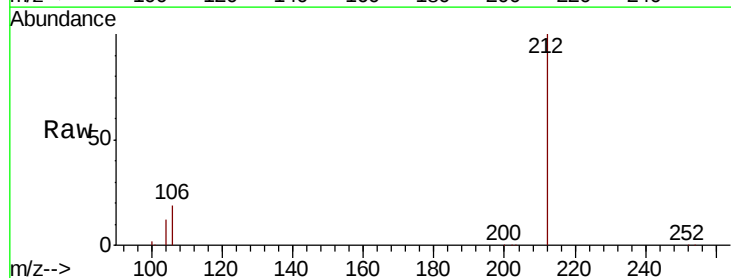


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

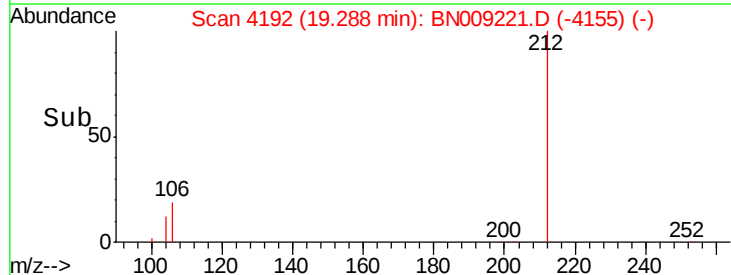
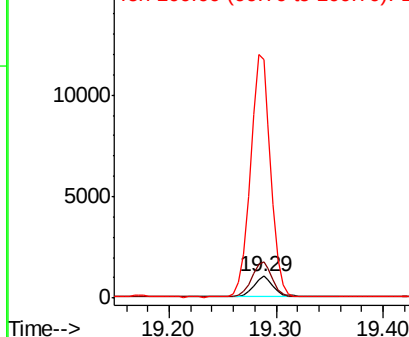


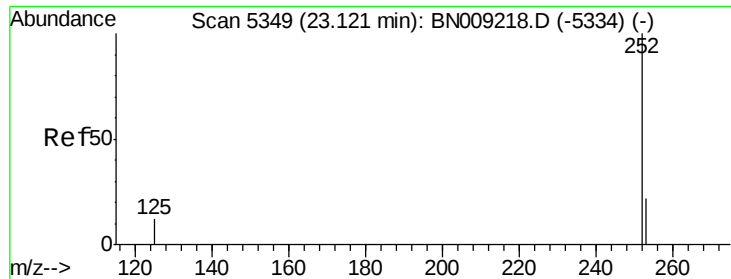
#17  
**Pyrene**  
 Concen: 0.030 ng/ul  
 RT: 19.29 min Scan# 4192  
 Delta R.T. -0.03 min  
 Lab File: BN009221.D  
 Acq: 28 Dec 2019 10:55

Tgt Ion:202 Resp: 1365  
 Ion Ratio Lower Upper  
 202 100  
 101 166.4 10.9 16.3#  
 100 1102.4 9.0 13.6#



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





#23

Benzo(a)pyrene

Concen: 0.079 ng/ul

RT: 23.08 min Scan# 5336

Delta R.T. -0.04 min

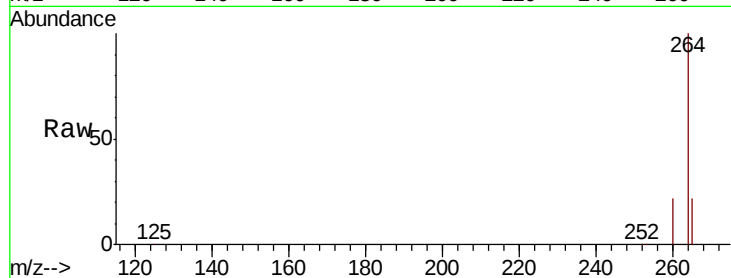
Lab File: BN009221.D

Acq: 28 Dec 2019 10:55

Instrument :

BNA\_N

ClientSampleId :



Tot Ion: 252 Resp: 3097

Ion Ratio Lower Upper

252 100

253 43.6 20.2 30.4#

125 42.3 13.2 19.8#

