

Data File : BN004002.D  
Acq On : 16 Dec 2018 19:20  
Operator : JU/SJ  
Sample : J6229-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9E93

Quant Time: Dec 17 04:11:03 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 17 04:06:53 2018  
Response via : Initial Calibration

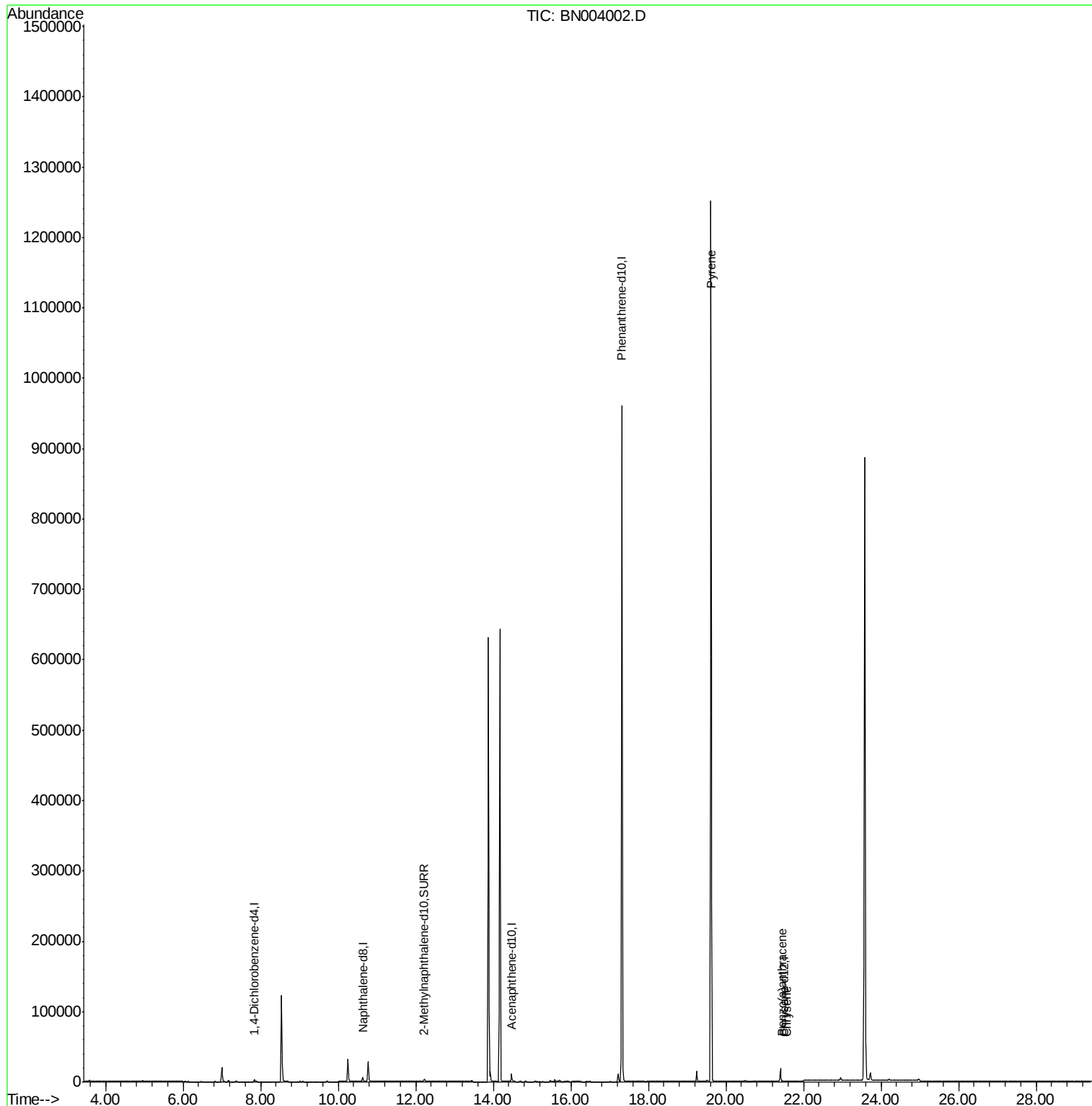
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 1729     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 8563     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.47 | 164  | 5464     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.32 | 188  | 1060518  | 0.40   | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.51 | 240  | 18       | 0.40   | ng/ul  | 0.10     |
| 20) Perylene-d12            | 0.00  | 264  | 0        | 0.00   | ng/ul  | -23.73   |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 4639     | 0.35   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00   | ng/ul  |          |
| Target Compounds            |       |      |          |        |        |          |
| 17) Pyrene                  | 19.62 | 202  | 2255     | 34.929 | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.44 | 228  | 818      | 14.388 | ng/ul# | 55       |
| 19) Chrysene                | 21.56 | 228  | 53       | 0.815  | ng/ul# | 1        |

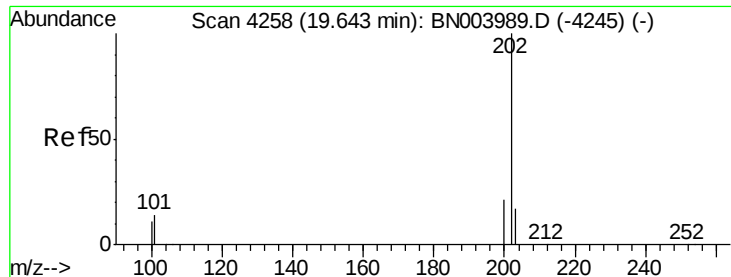
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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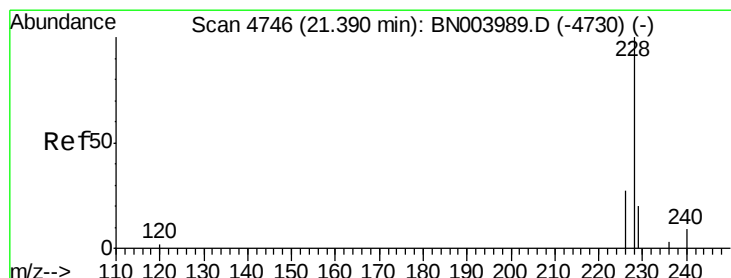
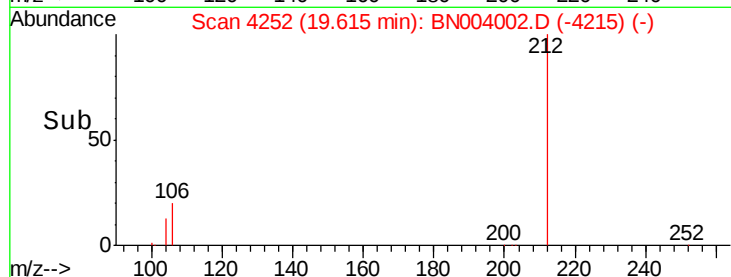
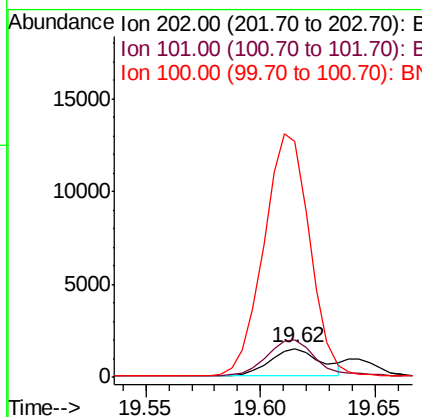
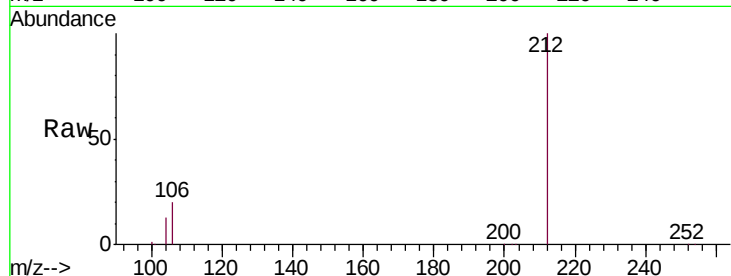




#17  
 Pyrene  
 Concen: 34.929 ng/ul  
 RT: 19.62 min Scan# 4252  
 Delta R.T. -0.03 min  
 Lab File: BN004002.D  
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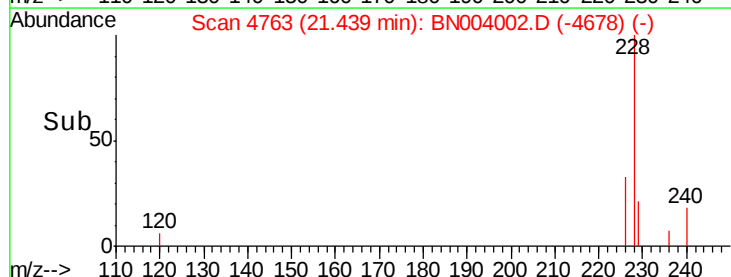
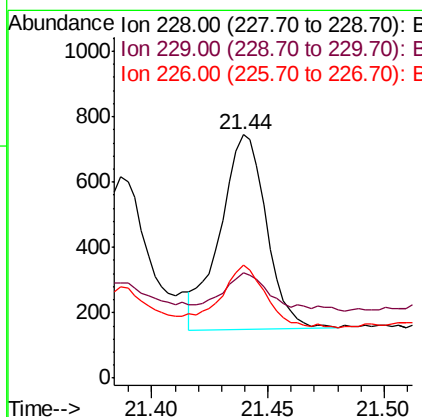
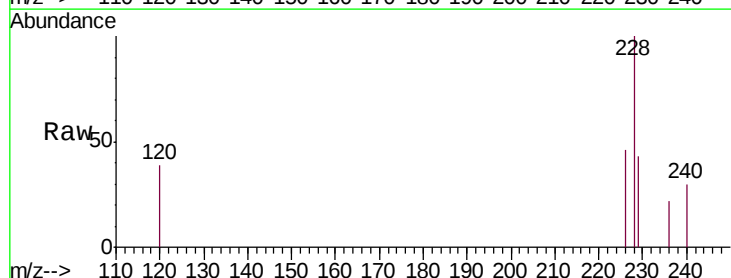
Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9E93

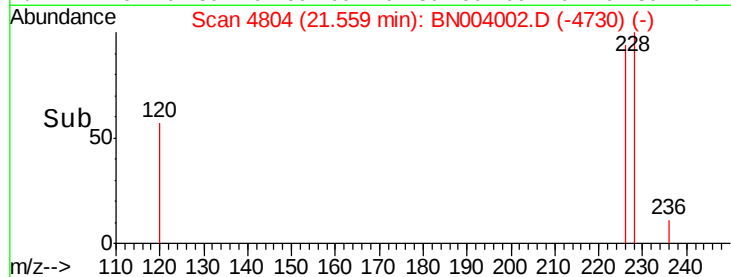
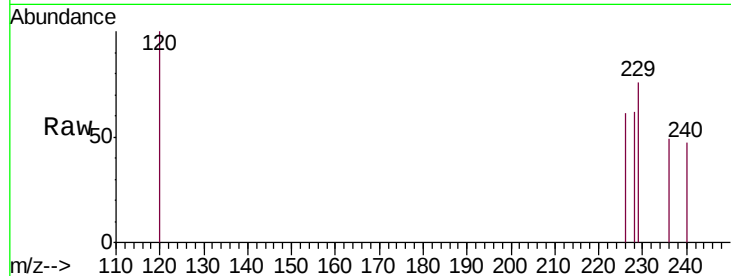
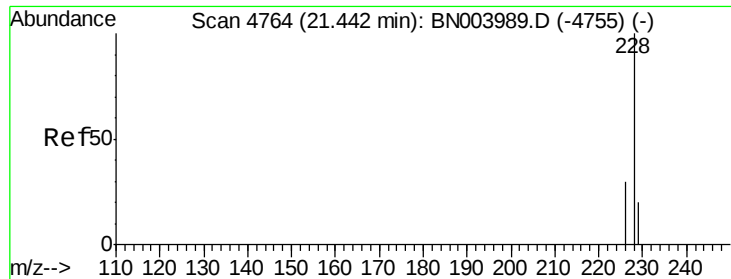
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 132.9 | 10.3  | 15.5# |
| 100     | 819.8 | 8.5   | 12.7# |



#18  
 Benzo(a)anthracene  
 Concen: 14.388 ng/ul  
 RT: 21.44 min Scan# 4763  
 Delta R.T. 0.05 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 43.2  | 15.6  | 23.4# |
| 226     | 46.4  | 21.1  | 31.7# |





#19

Chrysene

Concen: 0.815 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.12 min

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Acq: 16 Dec 2018 19:20

Instrument :

BNA\_N

ClientSampleId :

F9E93

Tgt Ion:228 Resp: 53

Ion Ratio Lower Upper

228 100

226 98.9 24.0 36.0#

229 123.1 15.7 23.5#

