

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041918\  
 Data File : BN000789.D  
 Acq On : 19 Apr 2018 23:30  
 Operator : JU/SJ  
 Sample : J2356-15MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3XT7MS

Quant Time: Apr 20 05:10:48 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 20 05:09:09 2018  
 Response via : Initial Calibration

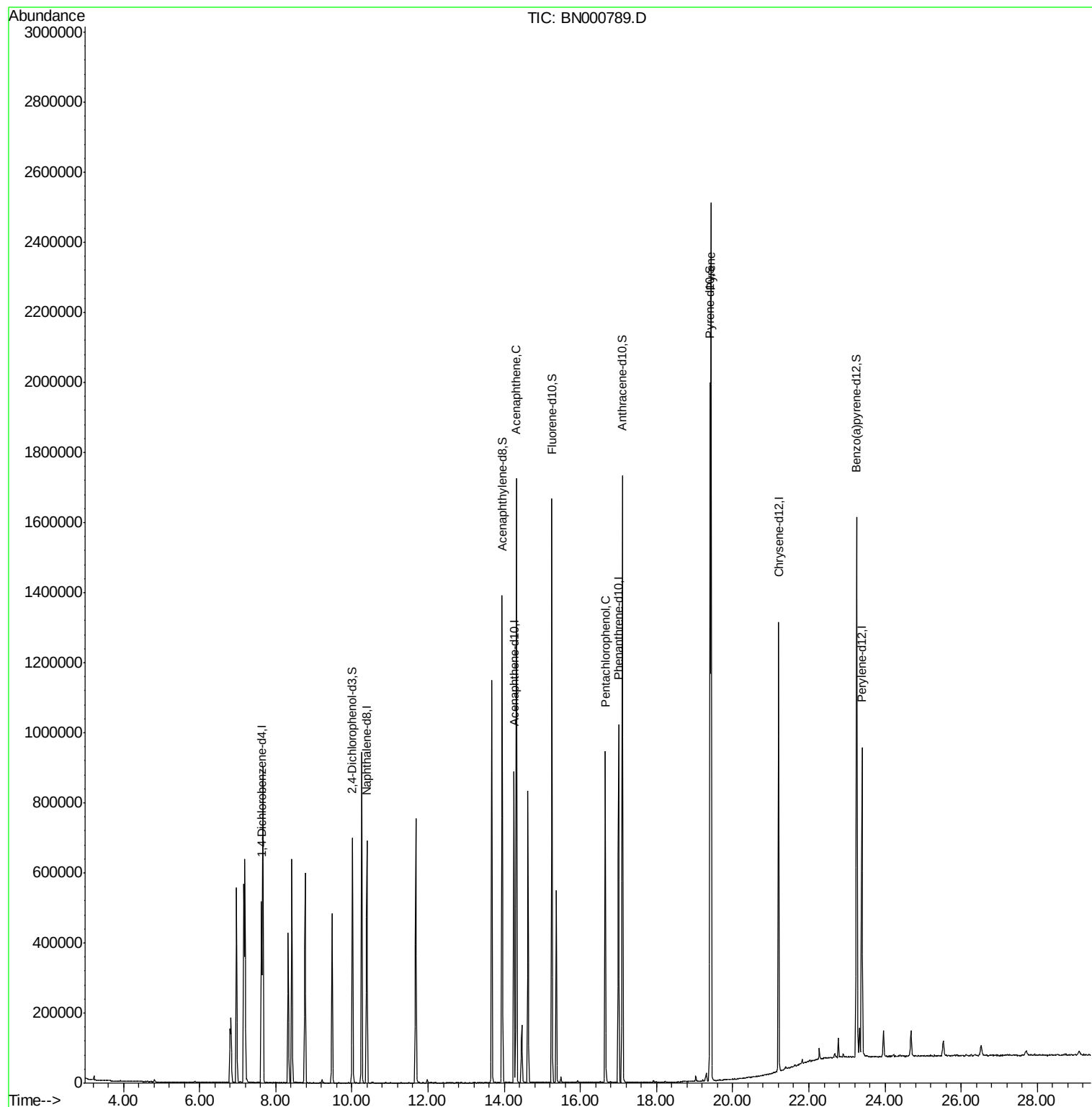
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 129860   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 552007   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 275778   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 559305   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.20 | 240  | 515796   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.39 | 264  | 540038   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.01 | 165  | 237174   | 30.20  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 929728   | 35.03  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 604287   | 33.98  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.10 | 188  | 894694   | 34.60  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.40 | 212  | 945017   | 36.41  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.26 | 264  | 891687   | 35.02  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 9) Acenaphthene             | 14.32 | 153  | 672994   | 37.058 | ng/ul  | 99       |
| 13) Pentachlorophenol       | 16.65 | 266  | 135257   | 40.021 | ng/ul  | 97       |
| 20) Pyrene                  | 19.43 | 202  | 1324841  | 40.570 | ng/ul# | 70       |

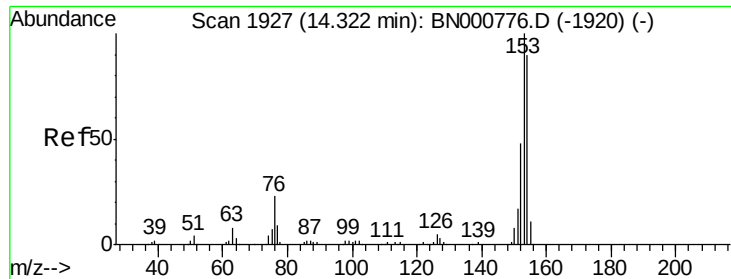
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041918\  
Data File : BN000789.D  
Acq On : 19 Apr 2018 23:30  
Operator : JU/SJ  
Sample : J2356-15MS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3XT7MS

Quant Time: Apr 20 05:10:48 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Apr 20 05:09:09 2018  
Response via : Initial Calibration





#9

Acenaphthene

Concen: 37.058 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN000789.D

Acq: 19 Apr 2018 23:30

Instrument :

BNA\_N

ClientSampleId :

A3XT7MS

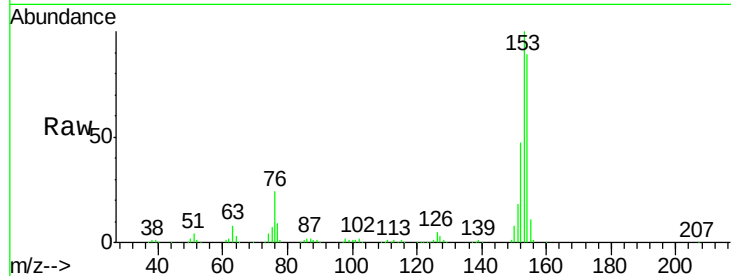
Tot Ion:153 Resp: 672994

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

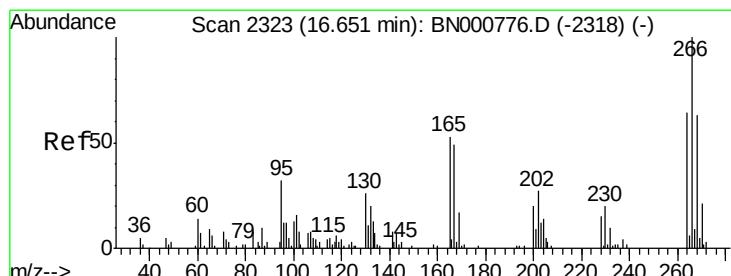
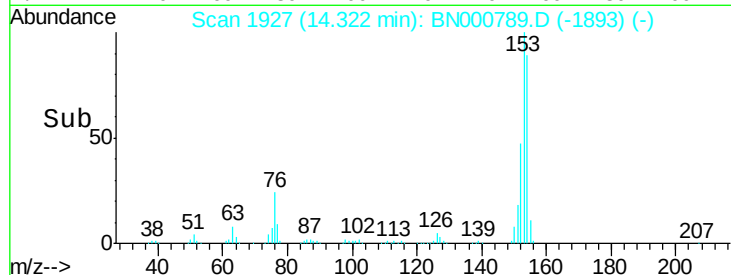
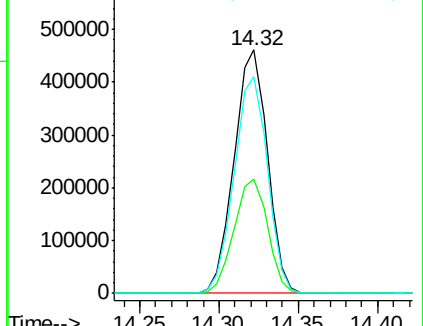
154 88.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Pentachlorophenol

Concen: 40.021 ng/ul

RT: 16.65 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN000789.D

Acq: 19 Apr 2018 23:30

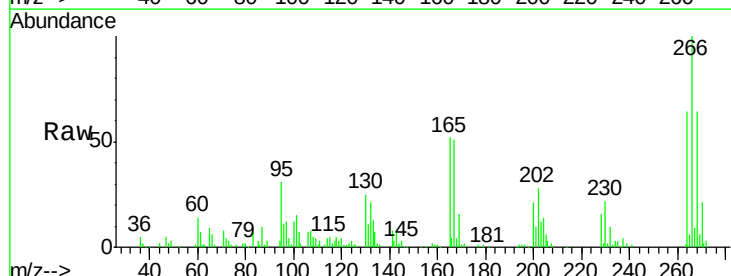
Tgt Ion:266 Resp: 135257

Ion Ratio Lower Upper

266 100

264 64.0 49.3 73.9

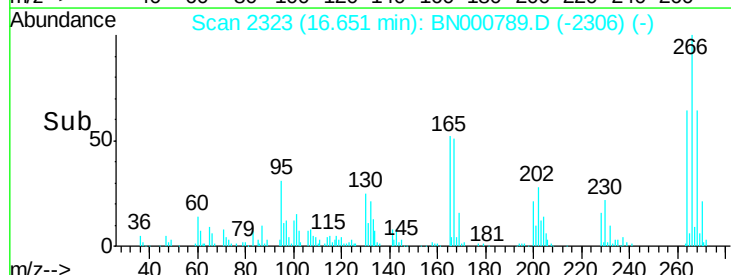
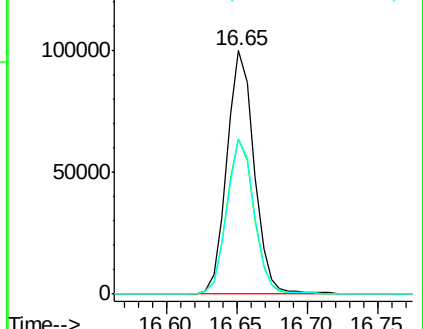
268 63.7 52.6 78.8

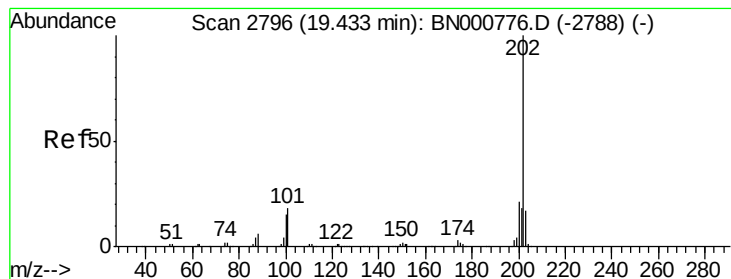


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#20  
 Pvrene  
 Concen: 40.570 ng/ul  
 RT: 19.43 min Scan# 2796  
 Delta R.T. 0.00 min  
 Lab File: BN000789.D  
 Acq: 19 Apr 2018 23:30

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3XT7MS

Tot Ion:202 Resp: 1324841  
 Ion Ratio Lower Upper  
 202 100  
 101 18.3 5.1 7.7#  
 100 14.8 4.9 7.3#

