

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\  
 Data File : BN001054.D  
 Acq On : 02 May 2018 05:13  
 Operator : JU/SJ  
 Sample : J2599-06MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAT27MSD

Quant Time: May 02 08:40:47 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 02 08:29:08 2018  
 Response via : Initial Calibration

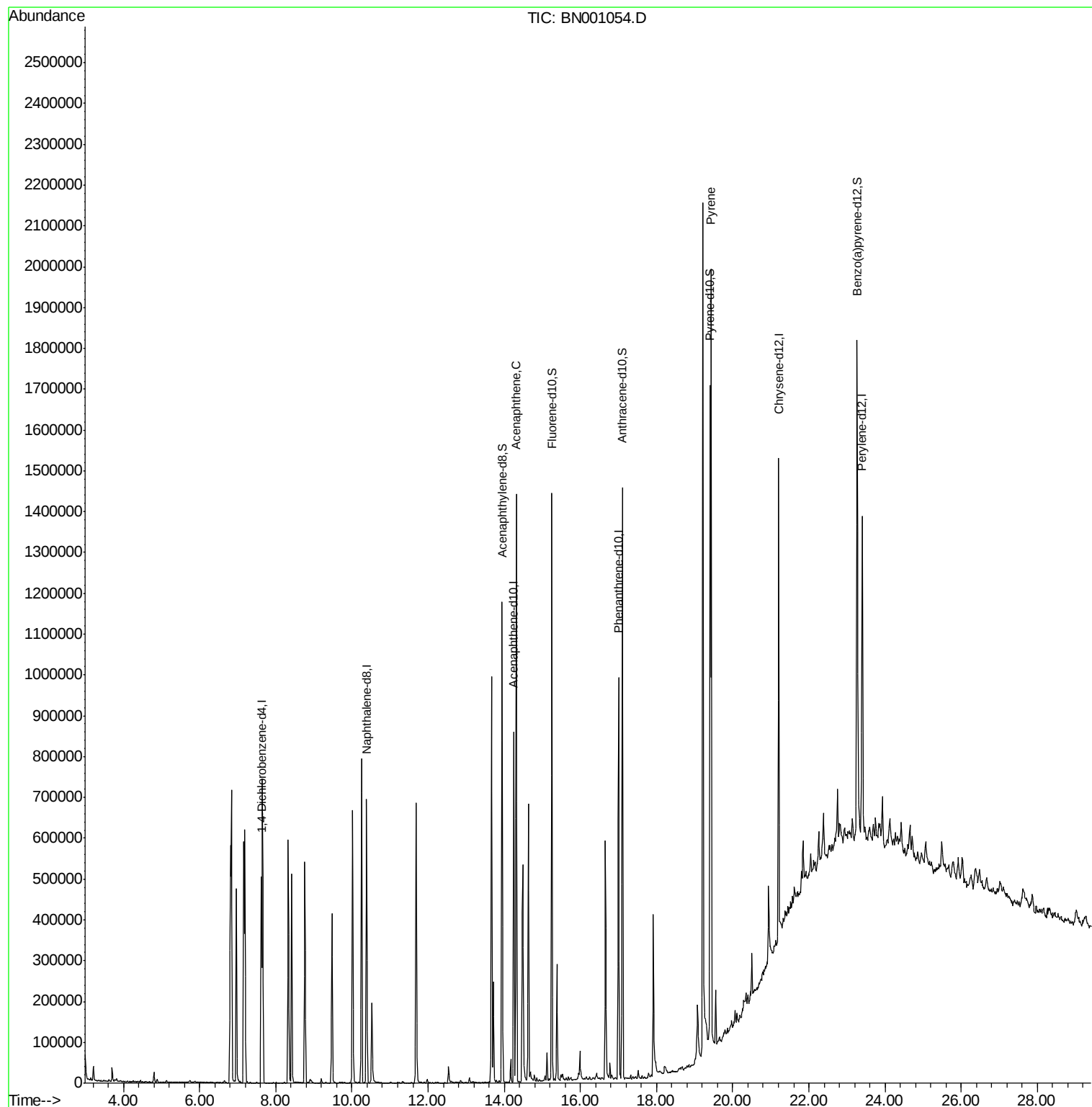
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 125432   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 532443   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 266086   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 528335   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.21 | 240  | 487959   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.40 | 264  | 516410   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.94 | 160  | 764032   | 29.90  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 523382   | 30.68  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 755656   | 31.28  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.40 | 212  | 771096   | 30.84  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 827084   | 33.91  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 9) Acenaphthene             | 14.32 | 153  | 539088   | 30.849 | ng/ul  | 95       |
| 19) Pyrene                  | 19.43 | 202  | 998068   | 31.844 | ng/ul# | 88       |

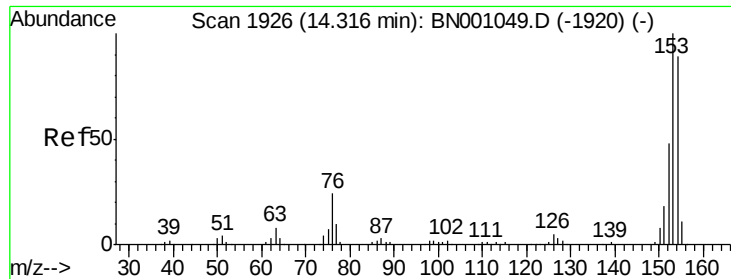
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\  
Data File : BN001054.D  
Acq On : 02 May 2018 05:13  
Operator : JU/SJ  
Sample : J2599-06MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAT27MSD

Quant Time: May 02 08:40:47 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration





#9

Acenaphthene

Concen: 30.849 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN001054.D

Acq: 02 May 2018 05:13

Instrument :

BNA\_N

ClientSampleId :

DAT27MSD

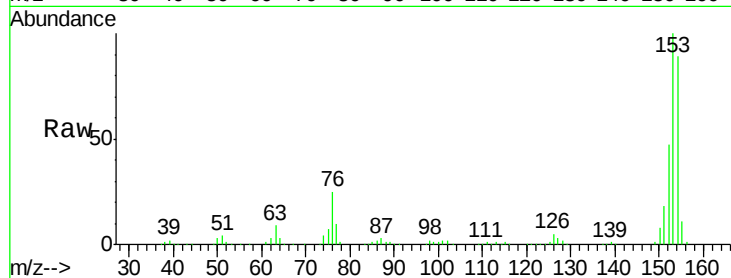
Tot Ion:153 Resp: 539088

Ion Ratio Lower Upper

153 100

152 47.1 39.0 58.6

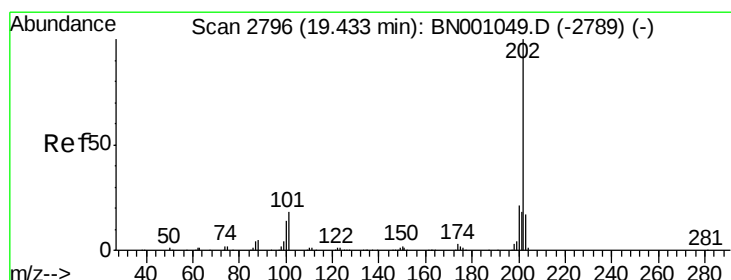
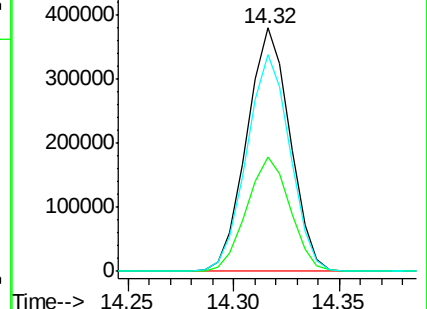
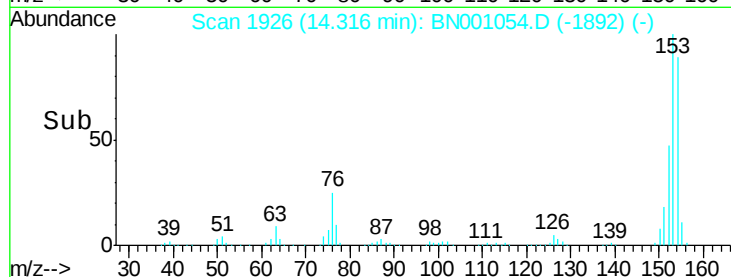
154 89.1 66.8 100.2



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



#19

Pyrene

Concen: 31.844 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BN001054.D

Acq: 02 May 2018 05:13

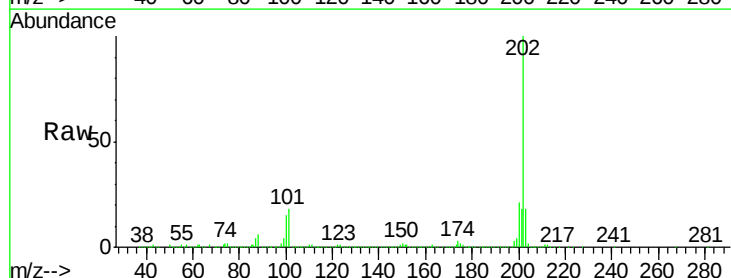
Tgt Ion:202 Resp: 998068

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

100 14.9 8.1 12.1#



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

