

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\  
 Data File : BN002824.D  
 Acq On : 21 Sep 2018 18:44  
 Operator : JU/SJ  
 Sample : J4874-11  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 21 23:49:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 21 23:48:47 2018  
 Response via : Initial Calibration

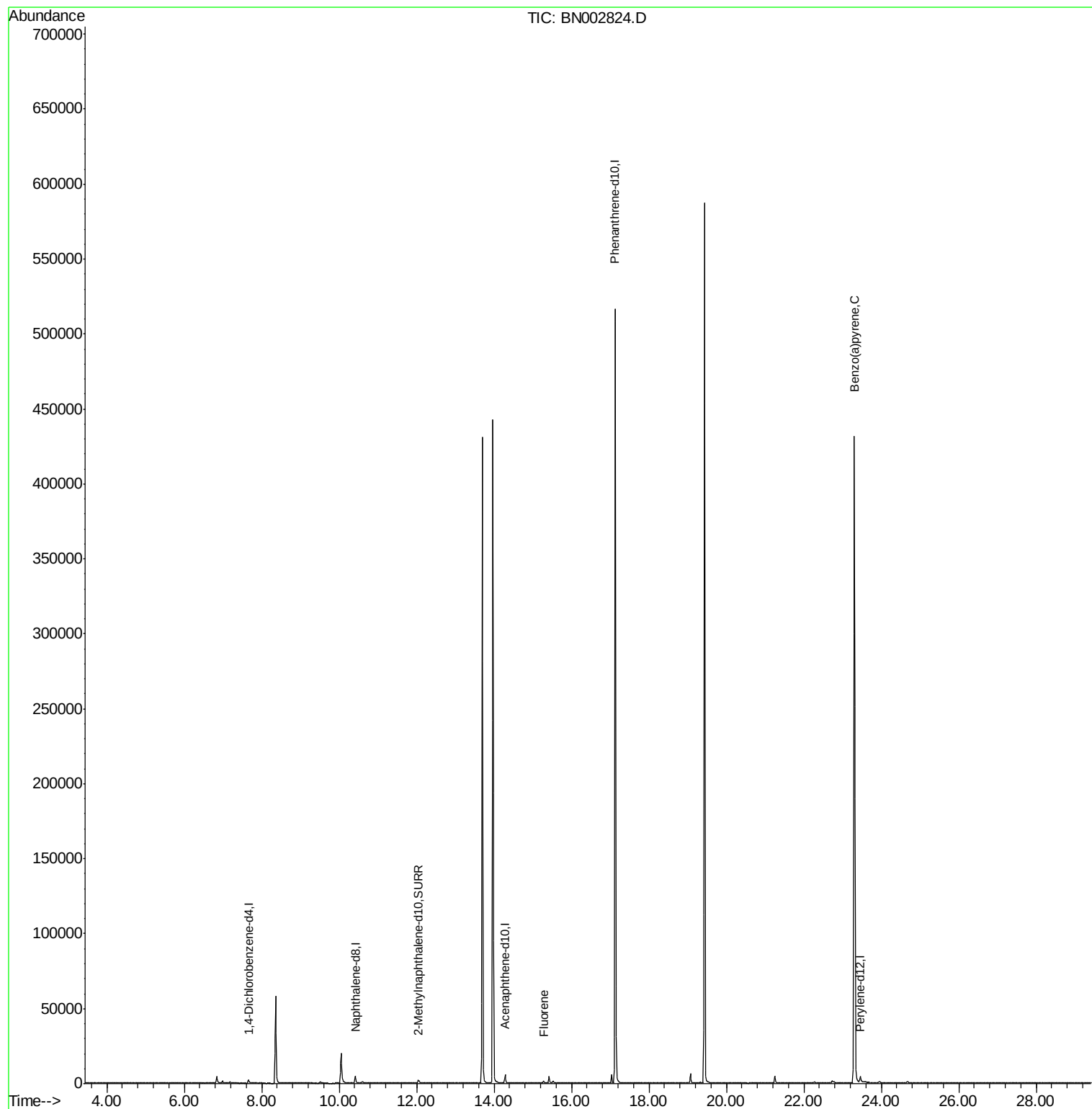
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 1552     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 6209     | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 3399     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.13 | 188  | 609149   | 0.40  | ng/ul  | 0.08     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00  | ng/ul  | -21.25   |
| 20) Perylene-d12            | 23.46 | 264  | 6215     | 0.40  | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.04 | 152  | 3669     | 0.41  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 9) Fluorene                 | 15.28 | 166  | 1051     | 0.084 | ng/ul# | 22       |
| 23) Benzo(a)pyrene          | 23.30 | 252  | 2033     | 0.103 | ng/ul# | 59       |

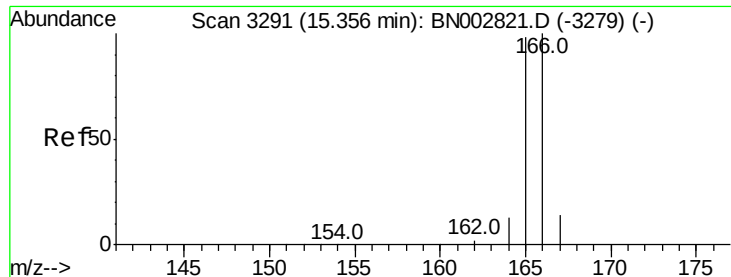
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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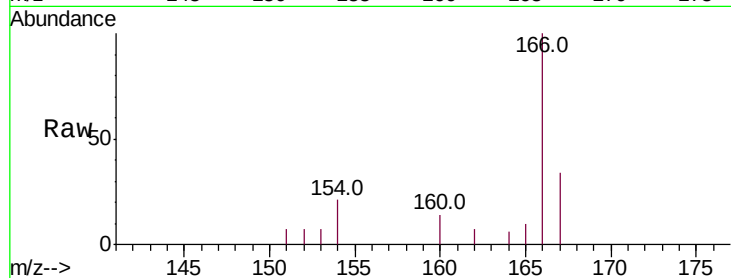




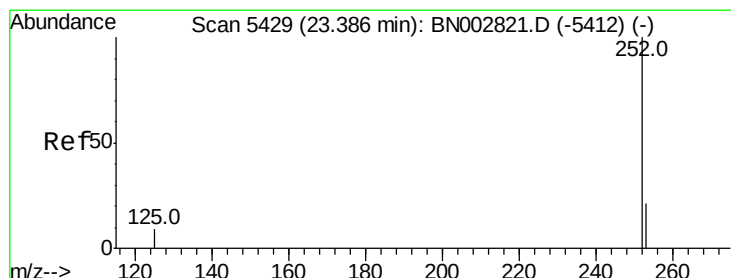
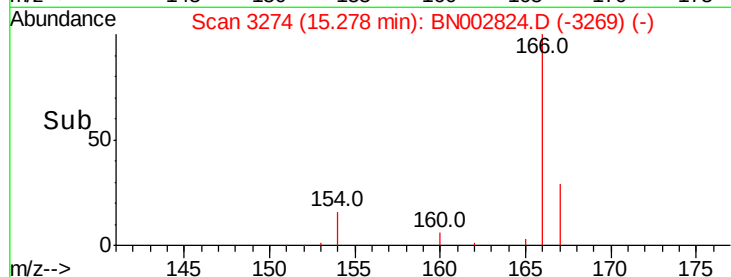
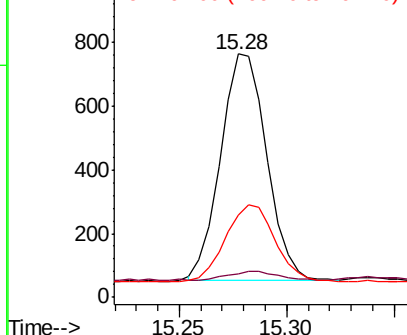
#9  
**Fluorene**  
 Concen: 0.084 ng/ul  
 RT: 15.28 min Scan# 3274  
 Delta R.T. -0.08 min  
 Lab File: BN002824.D  
 Acq: 21 Sep 2018 18:44

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:166 Resp: 1051  
 Ion Ratio Lower Upper  
 166 100  
 165 9.6 73.4 110.2#  
 167 33.6 14.6 22.0#

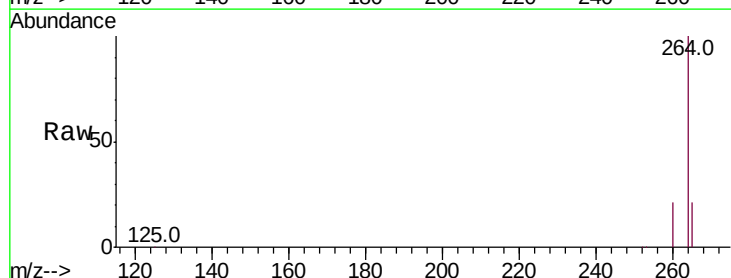


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E



#23  
**Benzo(a)pyrene**  
 Concen: 0.103 ng/ul  
 RT: 23.30 min Scan# 5401  
 Delta R.T. -0.08 min  
 Lab File: BN002824.D  
 Acq: 21 Sep 2018 18:44

Tgt Ion:252 Resp: 2033  
 Ion Ratio Lower Upper  
 252 100  
 253 39.7 16.0 24.0#  
 125 30.5 12.0 18.0#



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

