

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\  
 Data File : BN009347.D  
 Acq On : 10 Jan 2020 22:38  
 Operator : JU  
 Sample : K6466-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 10 23:27:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 16:45:39 2020  
 Response via : Initial Calibration

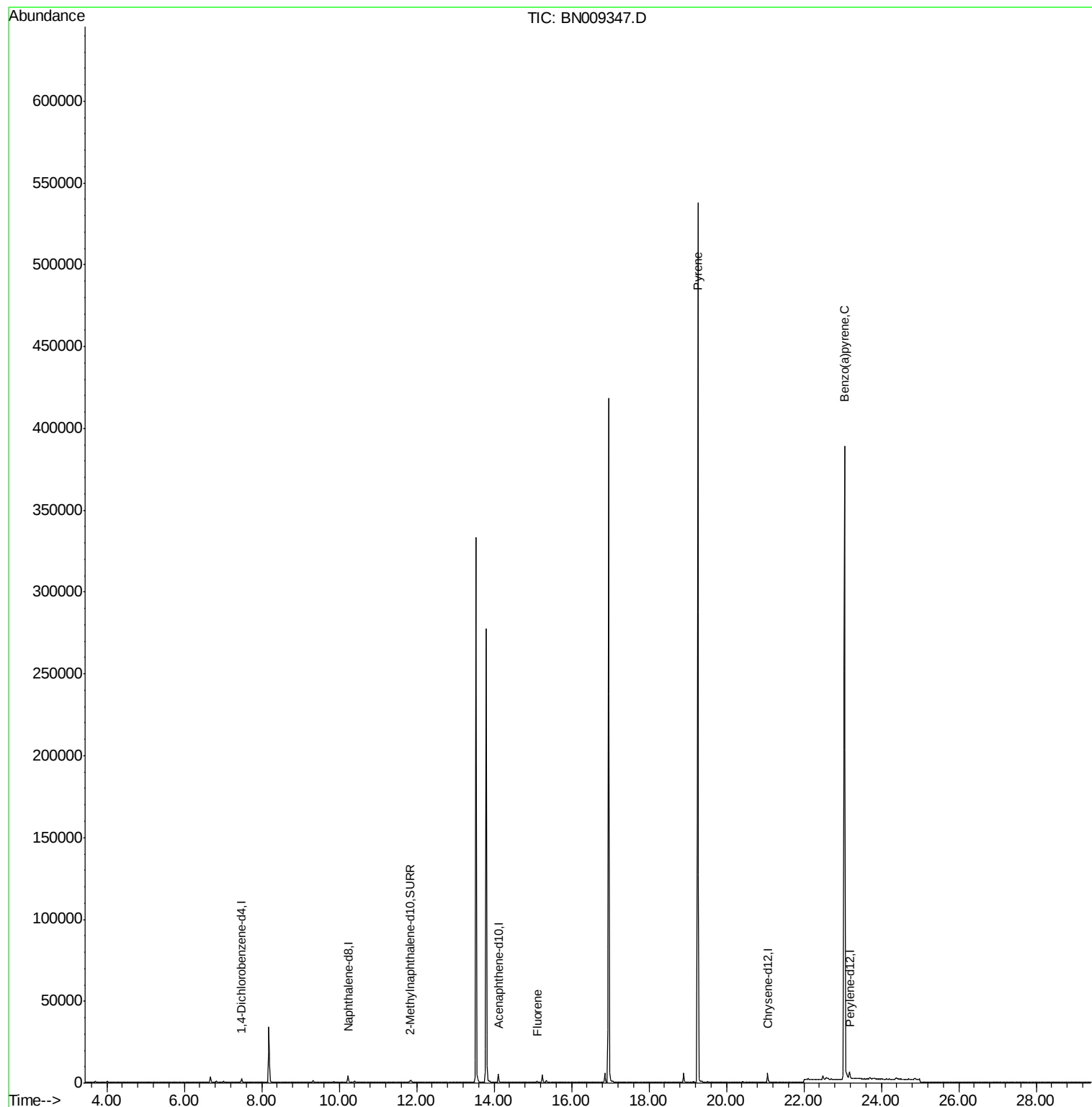
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.48  | 152  | 1351     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 4888     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.11 | 164  | 2881     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00   | ng/ul  | -16.87   |
| 16) Chrysene-d12            | 21.07 | 240  | 5119     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.18 | 264  | 5563     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.84 | 152  | 2054     | 0.26   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.90 | 212  | 5864     | 0.00   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 9) Fluorene                 | 15.11 | 166  | 776      | 0.057  | ng/ul# | 18       |
| 17) Pyrene                  | 19.26 | 202  | 889      | 0.036  | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 1922     | 0.078  | ng/ul# | 59       |

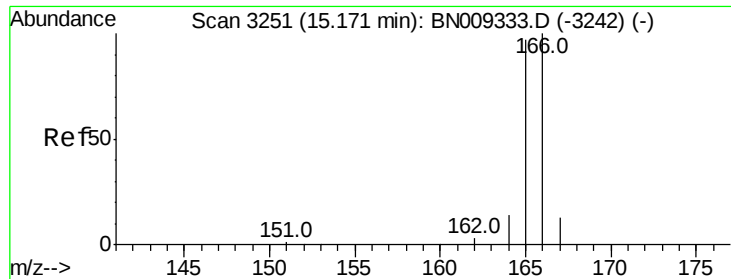
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.11 min Scan# 3238

Delta R.T. -0.06 min

Lab File: BN009347.D

Acq: 10 Jan 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

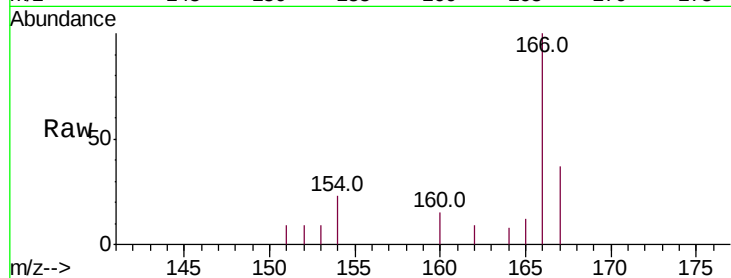
Tot Ion:166 Resp: 776

Ion Ratio Lower Upper

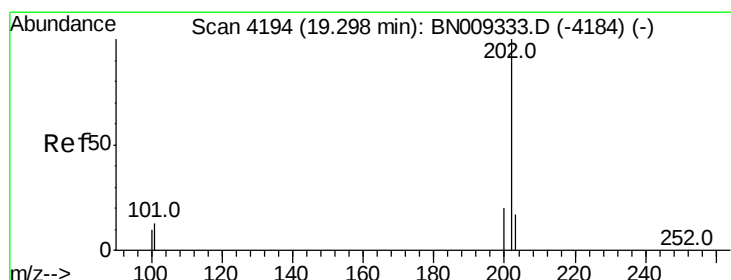
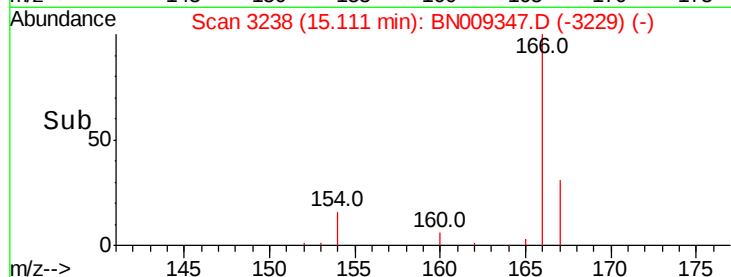
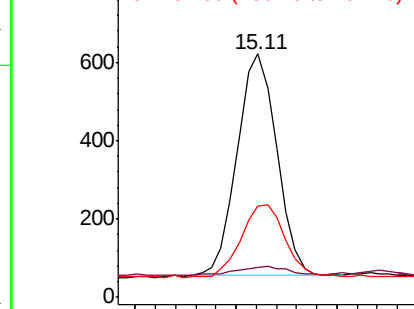
166 100

165 12.2 77.6 116.4#

167 37.5 11.8 17.6#



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: 0.036 ng/ul

RT: 19.26 min Scan# 4186

Delta R.T. -0.04 min

Lab File: BN009347.D

Acq: 10 Jan 2020 22:38

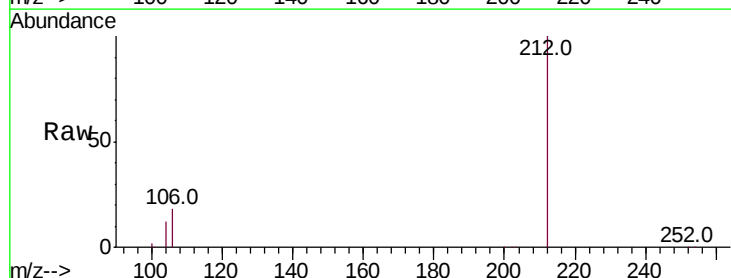
Tgt Ion:202 Resp: 889

Ion Ratio Lower Upper

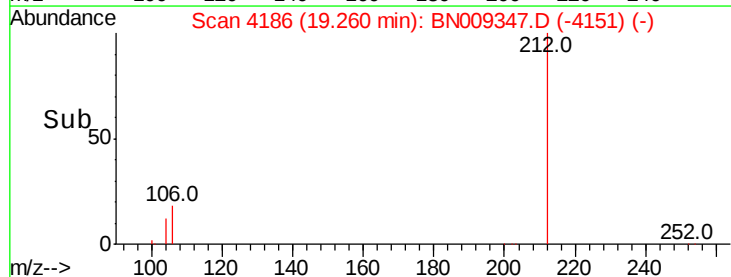
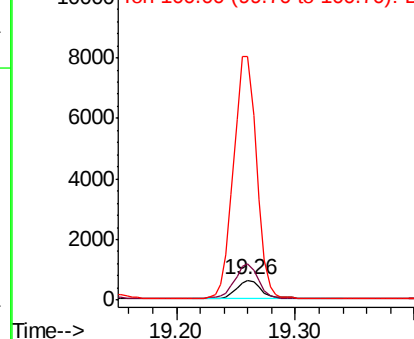
202 100

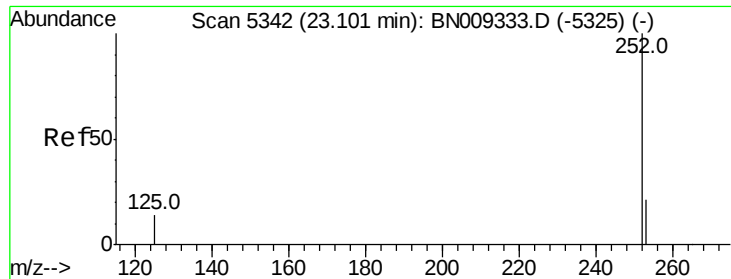
101 179.1 11.0 16.4#

100 1217.6 8.5 12.7#



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: 0.078 ng/ul

RT: 23.04 min Scan# 5323

Delta R.T. -0.06 min

Lab File: BN009347.D

Acq: 10 Jan 2020 22:38

Instrument :

BNA\_N

ClientSampleId :

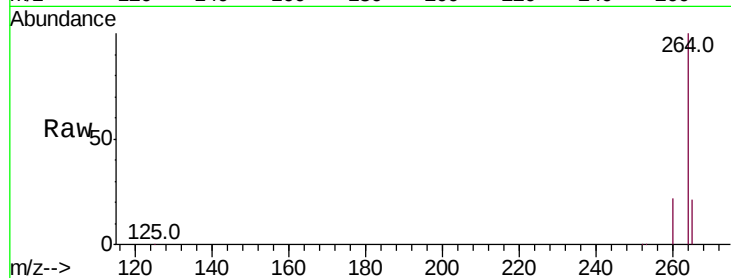
Tot Ion:252 Resp: 1922

Ion Ratio Lower Upper

252 100

253 47.4 22.7 34.1#

125 43.8 17.0 25.6#



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

