

Data File : BN003785.D  
Acq On : 10 Dec 2018 18:53  
Operator : JU/SJ  
Sample : J6155-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4168

Quant Time: Dec 11 03:45:46 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 : Tue Dec 11 03:42:06 2018  
Response via : Initial Calibration

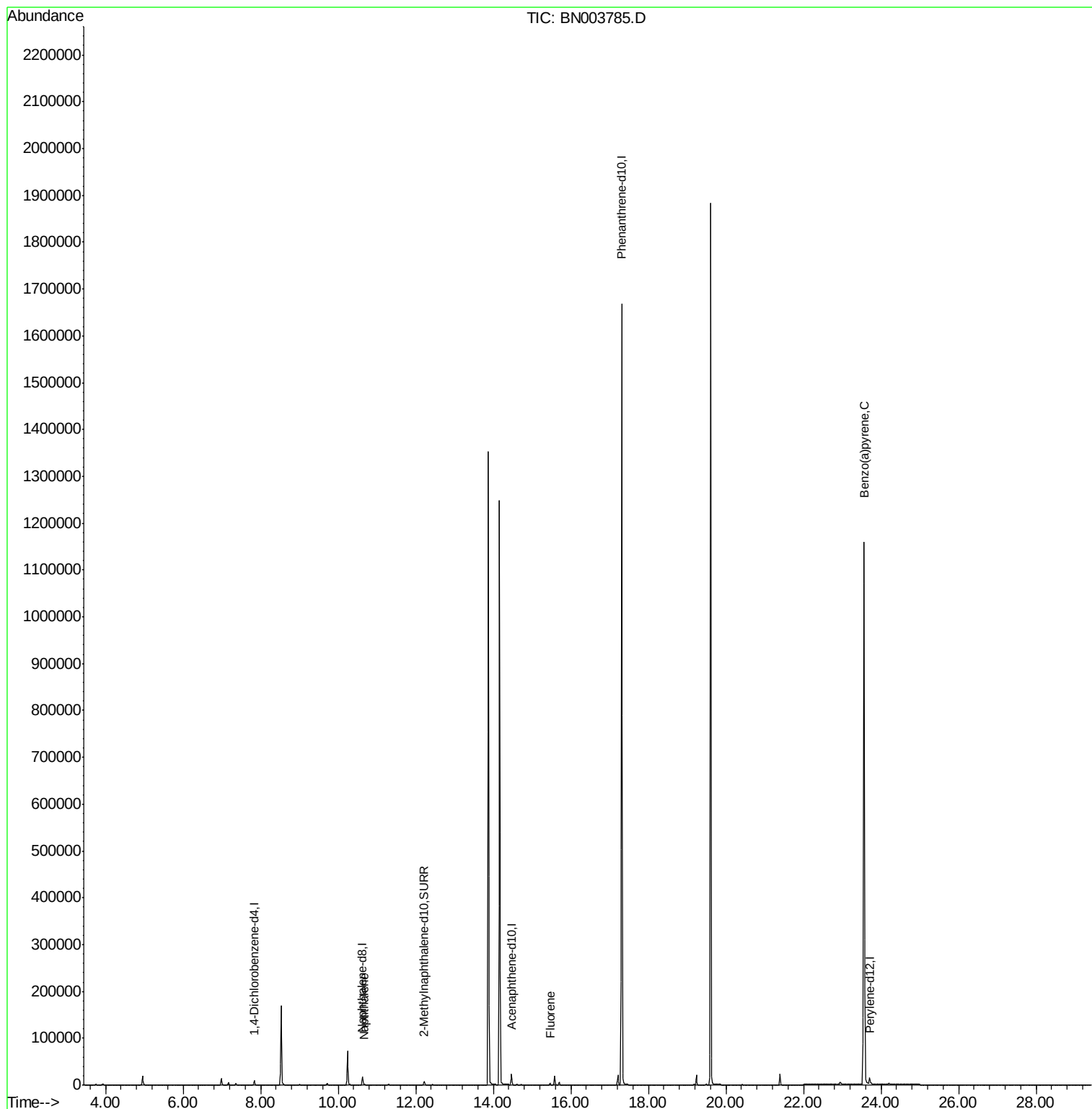
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 5250     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 21881    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.47 | 164  | 12237    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.31 | 188  | 1826469  | 0.40  | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00  | ng/ul  | -21.40   |
| 20) Perylene-d12            | 23.71 | 264  | 21420    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 10349    | 0.31  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.68 | 128  | 1616     | 0.026 | ng/ul# | 87       |
| 9) Fluorene                 | 15.46 | 166  | 3483     | 0.062 | ng/ul# | 13       |
| 23) Benzo(a)pyrene          | 23.56 | 252  | 5942     | 0.077 | ng/ul# | 67       |

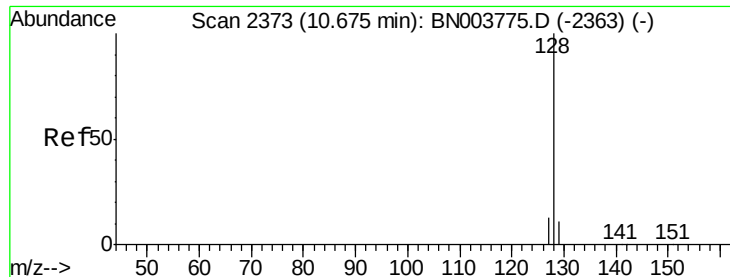
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

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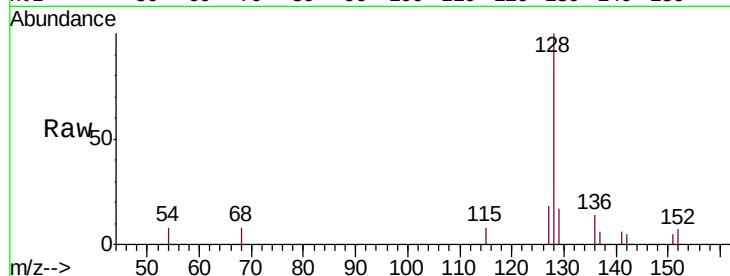
Tgt Ion:128 Resp: 1616

Ion Ratio Lower Upper

128 100

129 17.3 9.0 13.6#

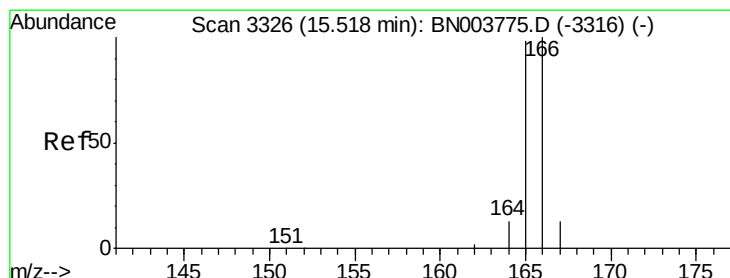
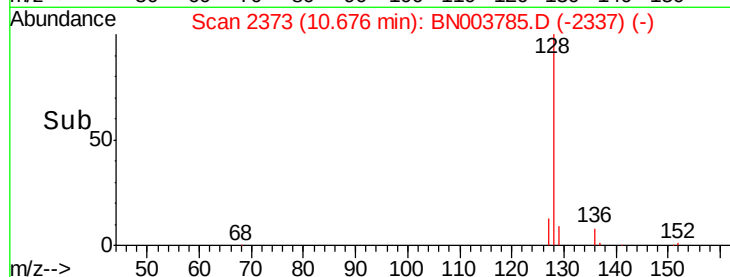
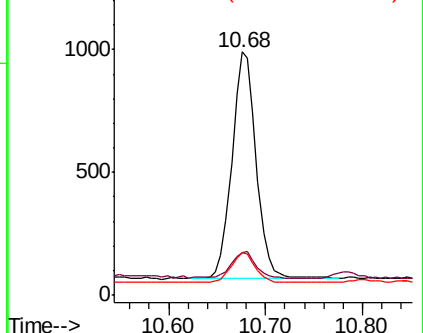
127 17.6 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#9

Fluorene

Concen: 0.062 ng/ul

RT: 15.46 min Scan# 3314

Delta R.T. -0.06 min

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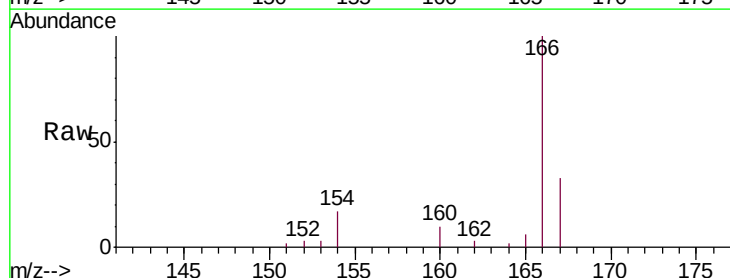
Tgt Ion:166 Resp: 3483

Ion Ratio Lower Upper

166 100

165 5.9 78.3 117.5#

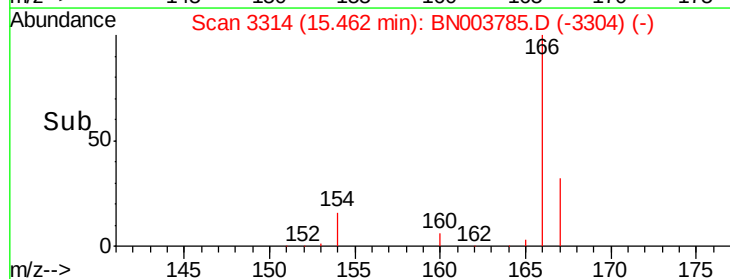
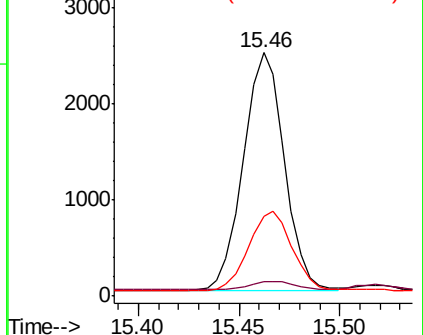
167 33.0 11.3 16.9#

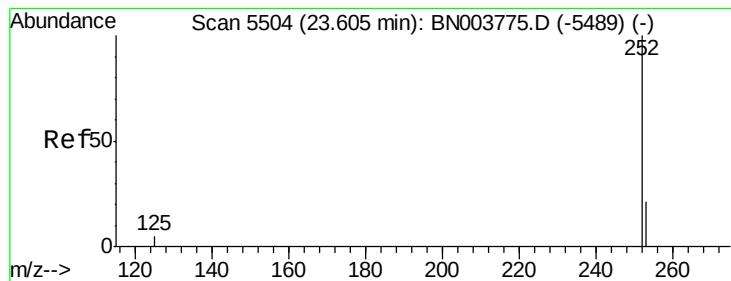


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

Benzo(a)pyrene

Concen: 0.077 ng/ul

RT: 23.56 min Scan# 5490

Delta R.T. -0.04 min

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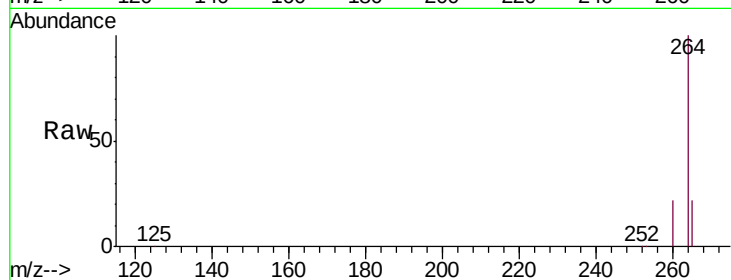
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Tgt Ion: 252 Resp: 5942

Ion Ratio Lower Upper

252 100

253 39.5 19.0 28.4#

125 26.3 10.2 15.4#

