

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\  
 Data File : BN003007.D  
 Acq On : 09 Oct 2018 02:57  
 Operator : MJ/SJ  
 Sample : J5115-19  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 09 08:37:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 09 08:37:03 2018  
 Response via : Initial Calibration

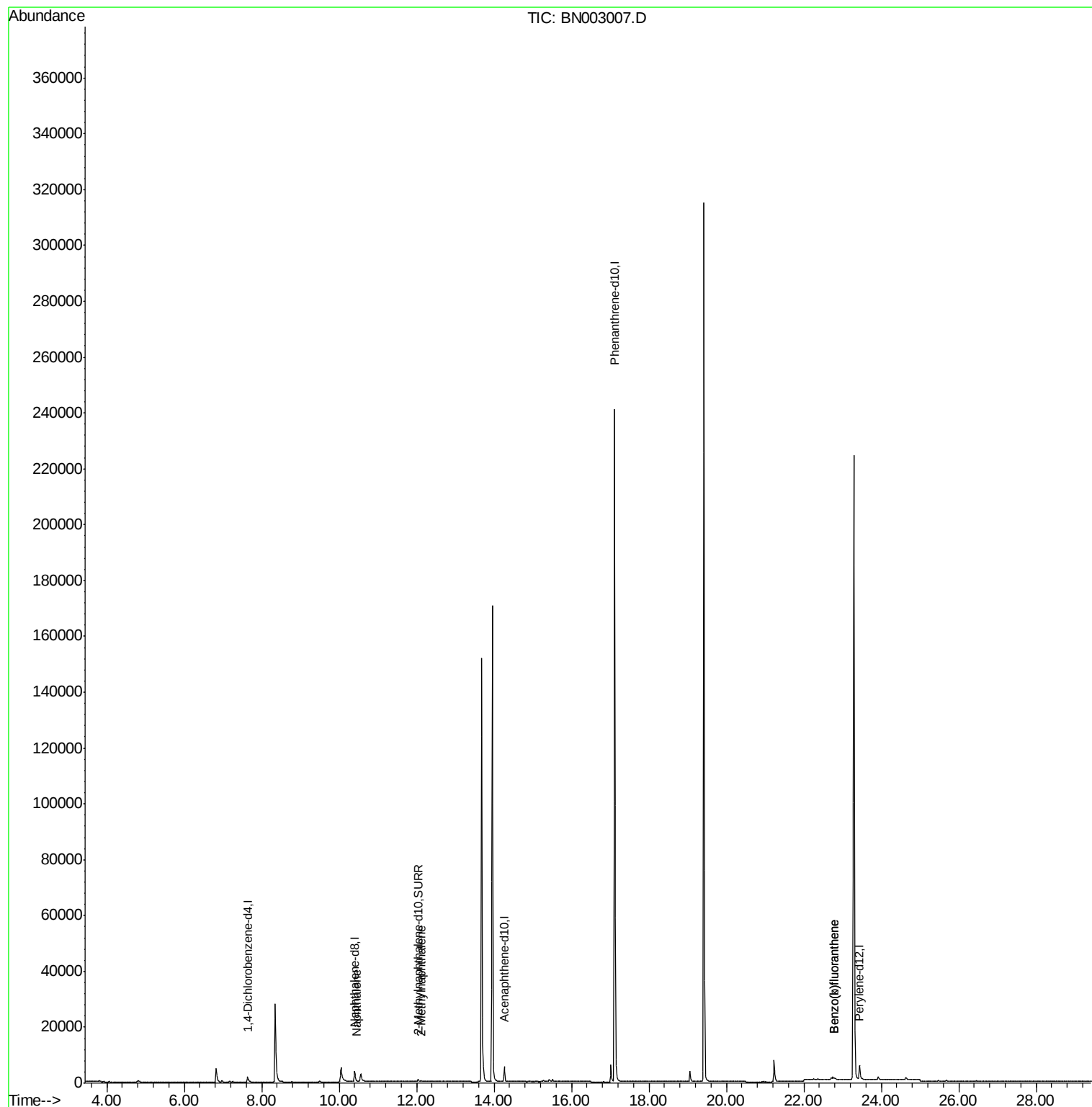
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 1223     | 0.40  | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.40 | 136  | 5215     | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.26 | 164  | 3079     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.12 | 188  | 286503   | 0.40  | ng/ul  | 0.08     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00  | ng/ul  | -21.23   |
| 20) Perylene-d12            | 23.44 | 264  | 7362     | 0.40  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1544     | 0.19  | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.45 | 128  | 351      | 0.026 | ng/ul# | 55       |
| 5) 2-Methylnaphthalene      | 12.11 | 142  | 251      | 0.027 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.78 | 252  | 1450     | 0.055 | ng/ul# | 22       |
| 22) Benzo(k)fluoranthene    | 22.78 | 252  | 1450     | 0.053 | ng/ul# | 23       |

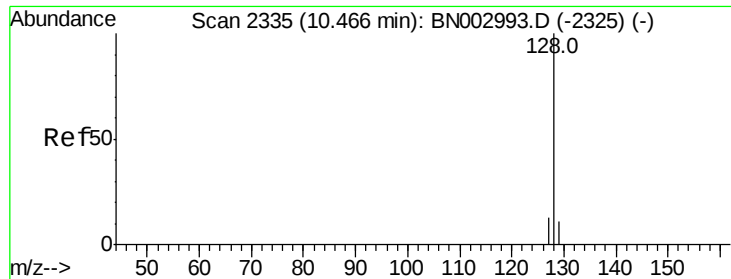
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\  
Data File : BN003007.D  
Acq On : 09 Oct 2018 02:57  
Operator : MJ/SJ  
Sample : J5115-19  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Oct 09 08:37:47 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 09 08:37:03 2018  
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BN003007.D

Acq: 09 Oct 2018 02:57

Instrument :

BNA\_N

ClientSampleId :

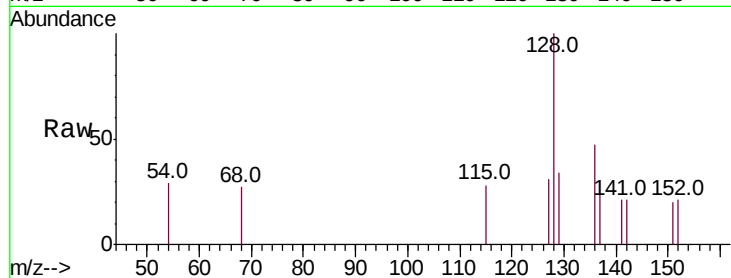
Tot Ion:128 Resp: 351

Ion Ratio Lower Upper

128 100

129 34.1 10.4 15.6#

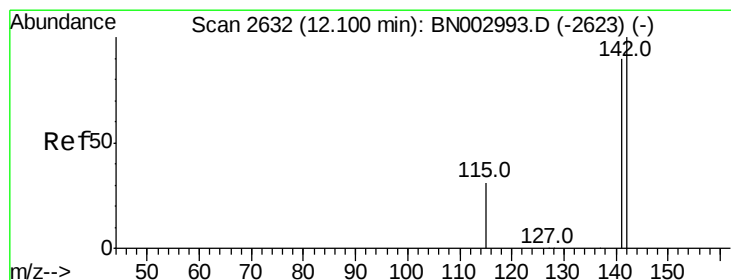
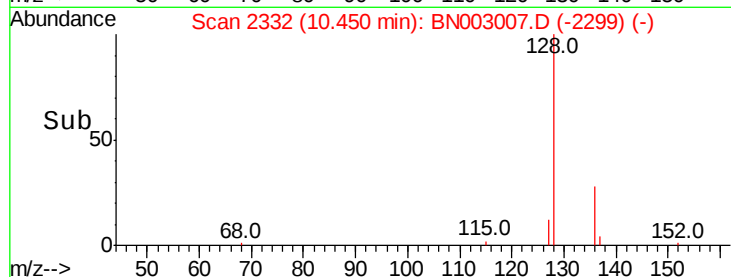
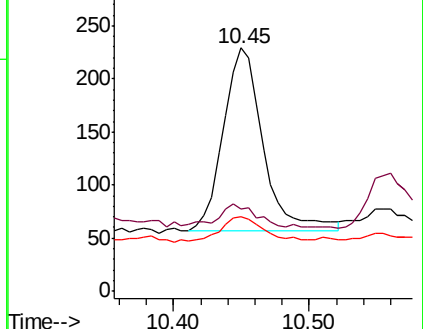
127 30.6 11.7 17.5#



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



#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BN003007.D

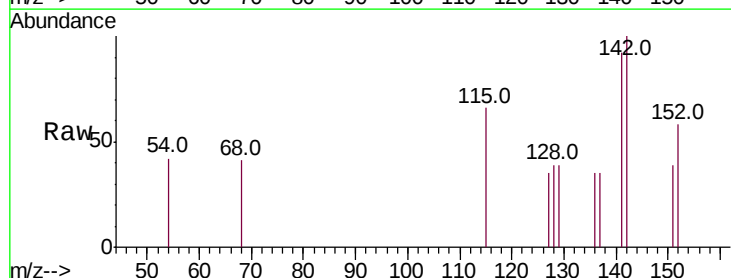
Acq: 09 Oct 2018 02:57

Tgt Ion:142 Resp: 251

Ion Ratio Lower Upper

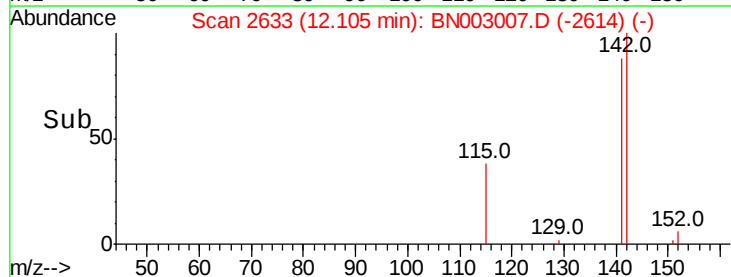
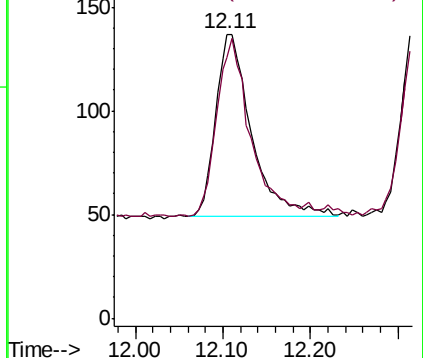
142 100

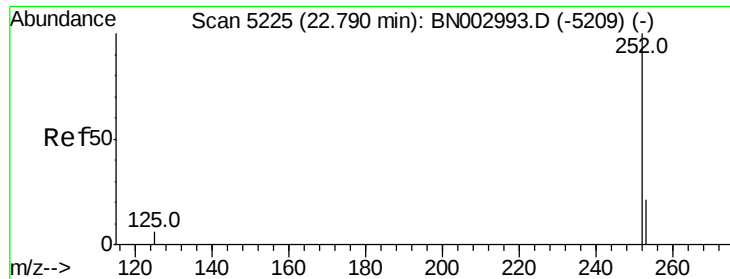
141 94.0 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Benzo(b)fluoranthene

Concen: 0.055 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003007.D

Acq: 09 Oct 2018 02:57

Instrument :

BNA\_N

ClientSampleId :

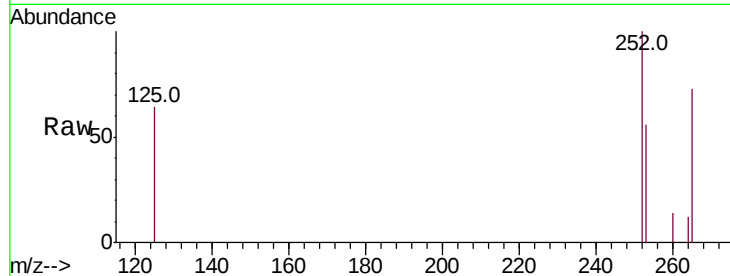
Tot Ion:252 Resp: 1450

Ion Ratio Lower Upper

252 100

253 56.2 0.0 53.2#

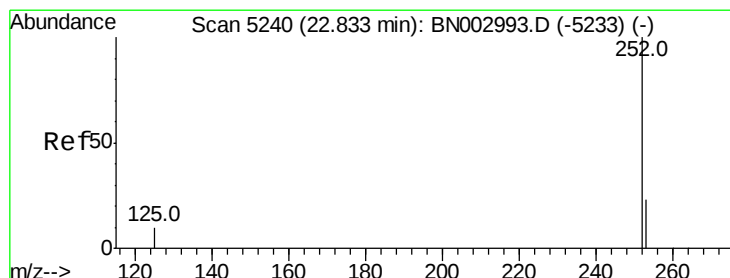
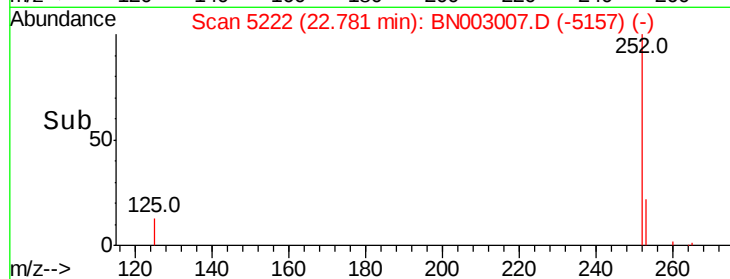
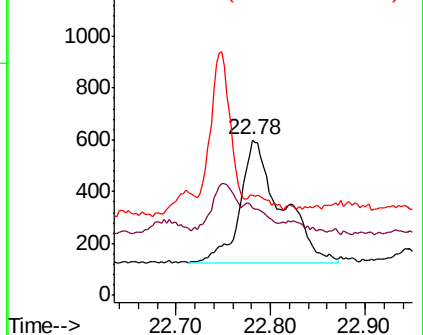
125 64.2 0.0 34.2#



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



#22

Benzo(k)fluoranthene

Concen: 0.053 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN003007.D

Acq: 09 Oct 2018 02:57

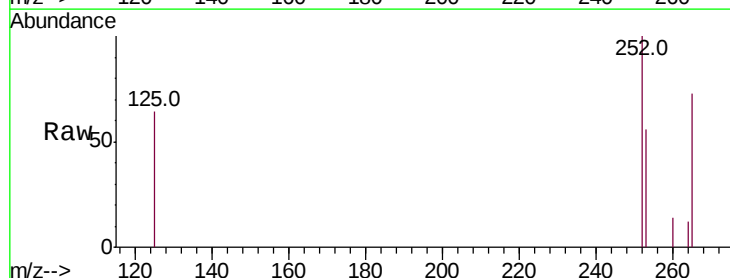
Tgt Ion:252 Resp: 1450

Ion Ratio Lower Upper

252 100

253 56.2 21.3 31.9#

125 64.2 14.1 21.1#



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

