

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\  
 Data File : BN003004.D  
 Acq On : 09 Oct 2018 01:12  
 Operator : MJ/SJ  
 Sample : J5115-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 09 02:01:33 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 01:14:49 2018  
 Response via : Initial Calibration

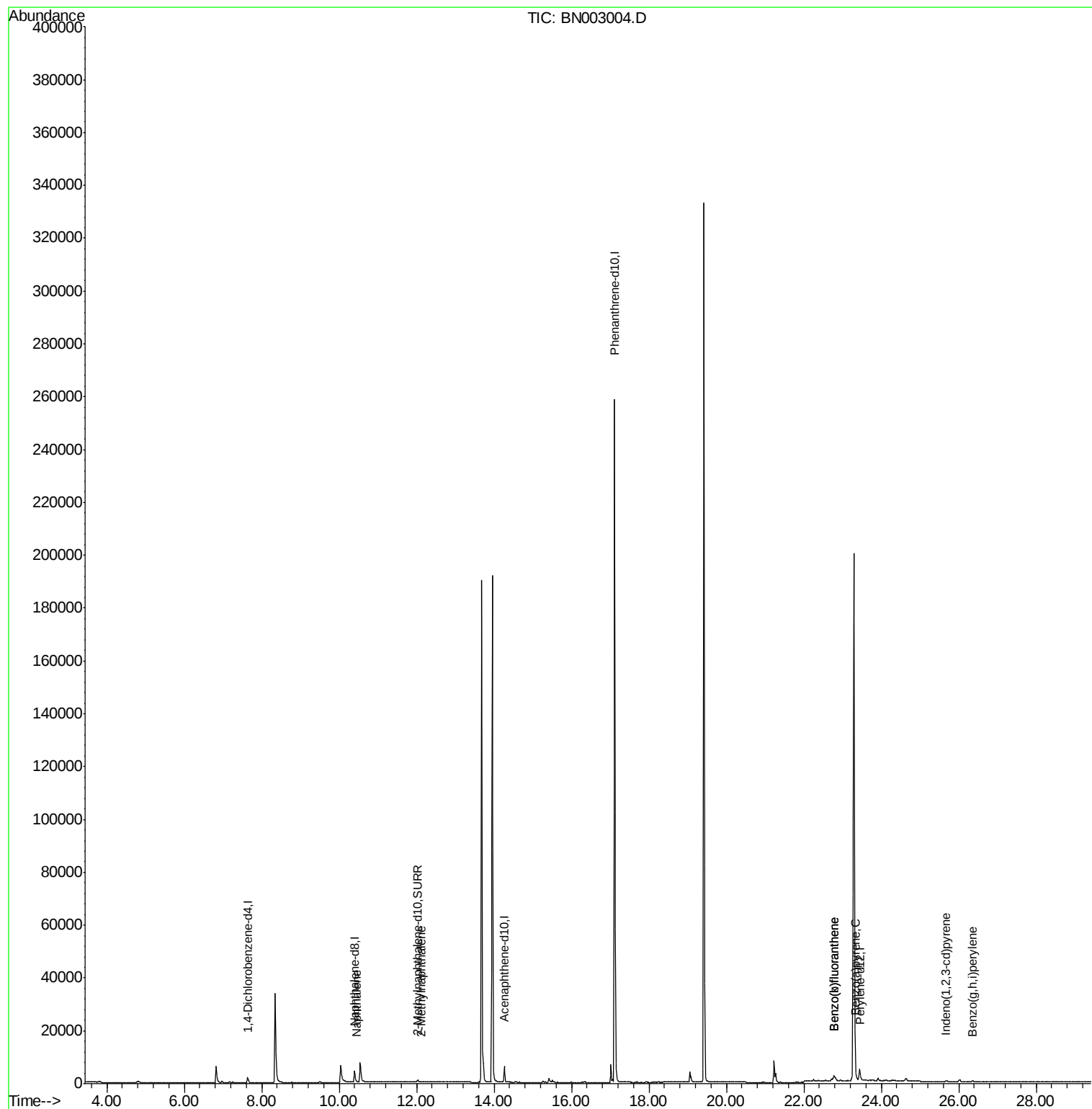
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 1367     | 0.40  | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.40 | 136  | 5795     | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.26 | 164  | 3393     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.12 | 188  | 310928   | 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  | 6999     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1761     | 0.20  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.45 | 128  | 352      | 0.024 | ng/ul# | 51       |
| 5) 2-Methylnaphthalene      | 12.11 | 142  | 210      | 0.021 | ng/ul  | 93       |
| 21) Benzo(b)fluoranthene    | 22.78 | 252  | 4001     | 0.159 | ng/ul  | 80       |
| 22) Benzo(k)fluoranthene    | 22.78 | 252  | 3989     | 0.153 | ng/ul# | 81       |
| 23) Benzo(a)pyrene          | 23.34 | 252  | 833      | 0.037 | ng/ul# | 31       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.68 | 276  | 1004     | 0.039 | ng/ul  | 99       |
| 26) Benzo(a,h,i)perylene    | 26.37 | 276  | 1044     | 0.048 | ng/ul# | 70       |

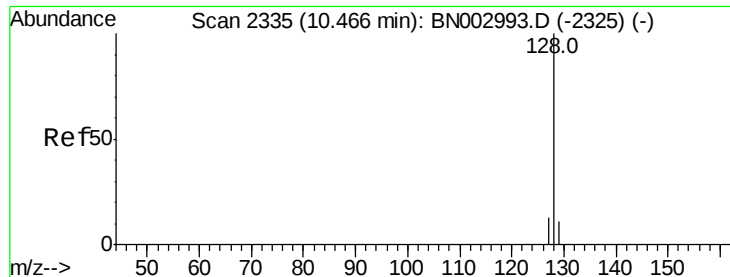
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

Instrument :

BNA\_N

ClientSampled :

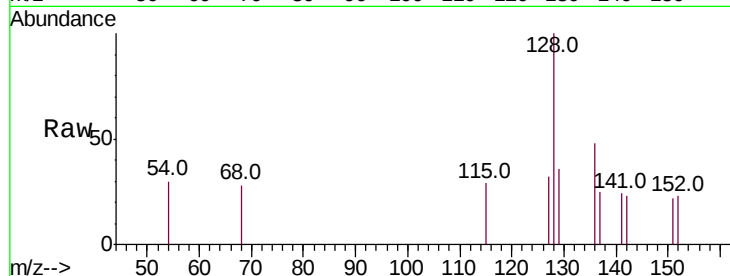
Tot Ion:128 Resp: 352

Ion Ratio Lower Upper

128 100

129 35.9 10.4 15.6#

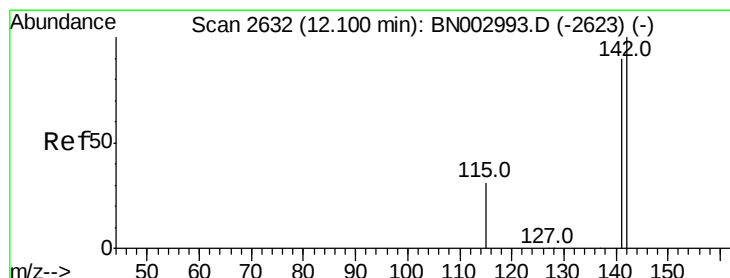
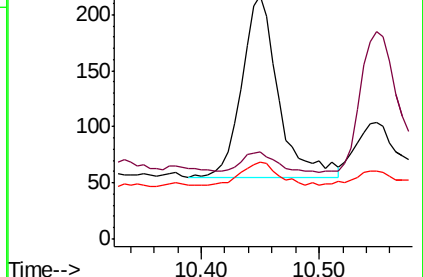
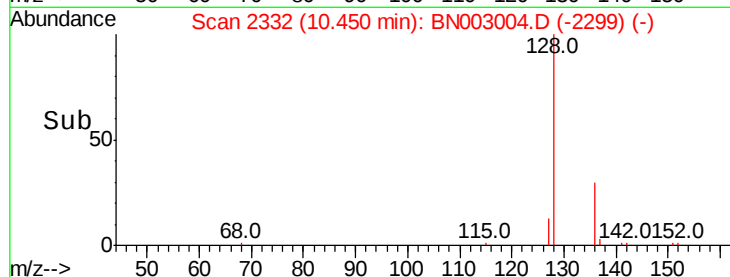
127 31.8 11.7 17.5#



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: 0.021 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BN003004.D

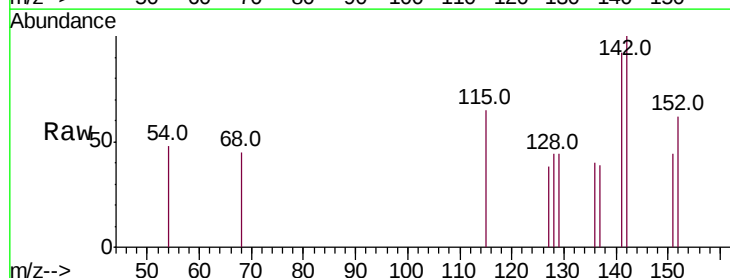
Acq: 09 Oct 2018 01:12

Tgt Ion:142 Resp: 210

Ion Ratio Lower Upper

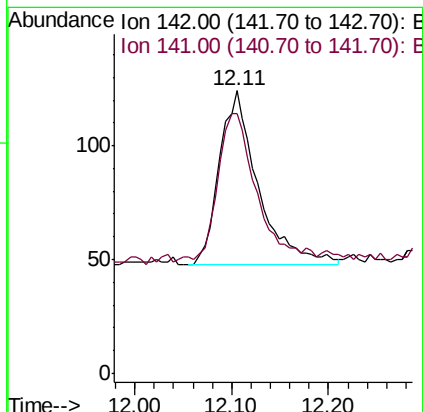
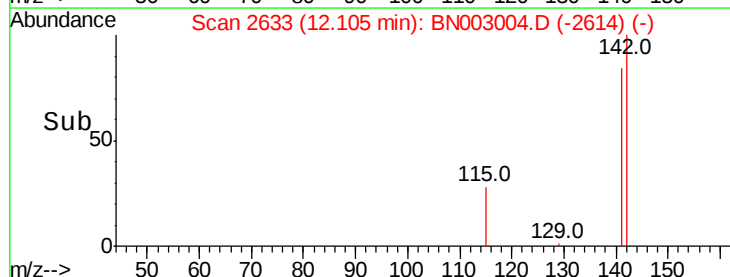
142 100

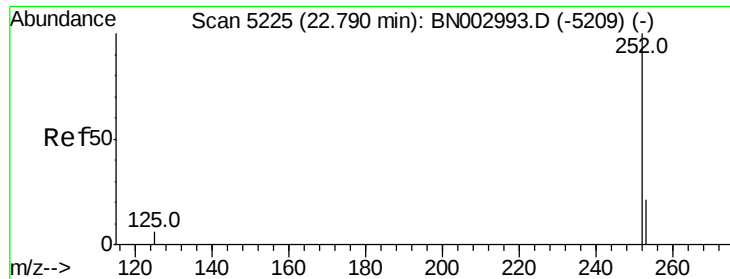
141 84.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Benzo(b)fluoranthene

Concen: 0.159 ng/u1

RT: 22.78 min Scan# 5223

Delta R.T. -0.01 min

Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

Instrument :

BNA\_N

ClientSampleId :

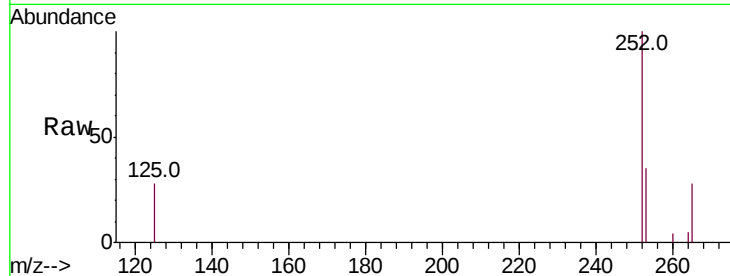
Tot Ion:252 Resp: 4001

Ion Ratio Lower Upper

252 100

253 35.0 0.0 53.2

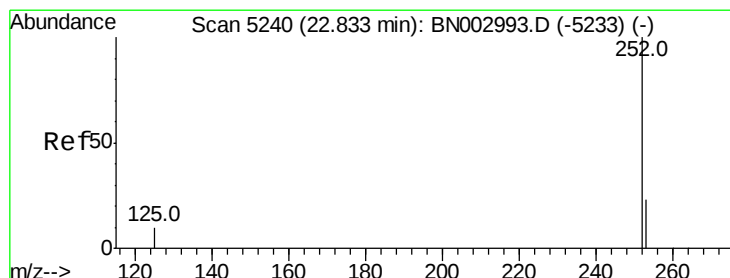
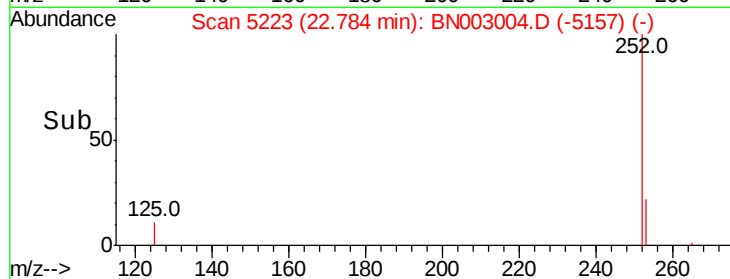
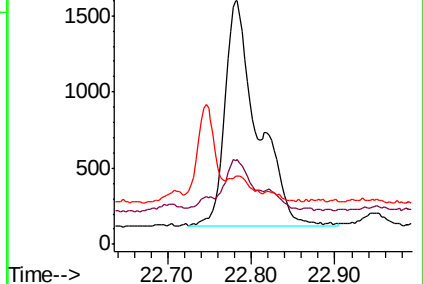
125 28.2 0.0 34.2



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: 0.153 ng/u1

RT: 22.78 min Scan# 5223

Delta R.T. -0.05 min

Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

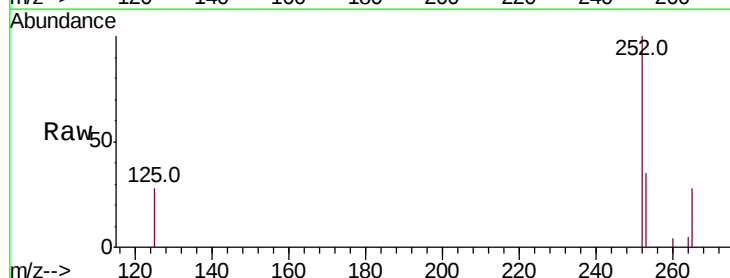
Tgt Ion:252 Resp: 3989

Ion Ratio Lower Upper

252 100

253 35.0 21.3 31.9#

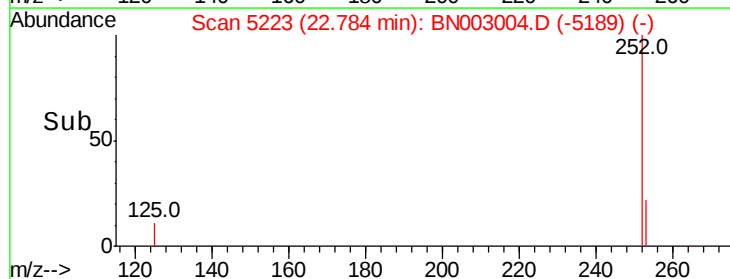
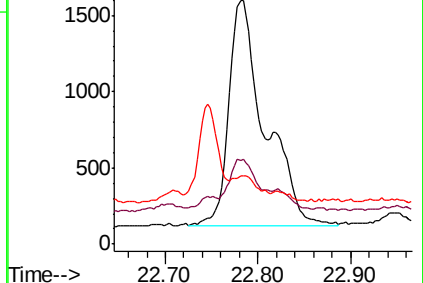
125 28.2 14.1 21.1#

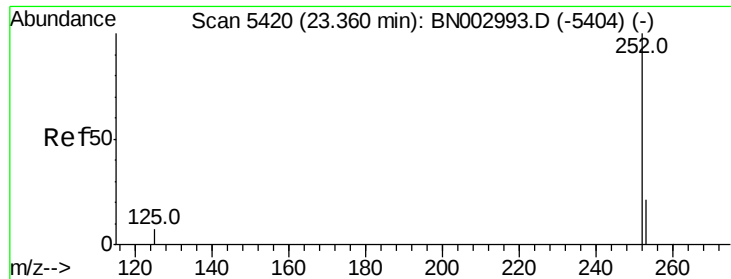


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.037 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.02 min

Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

Instrument :

BNA\_N

ClientSampled :

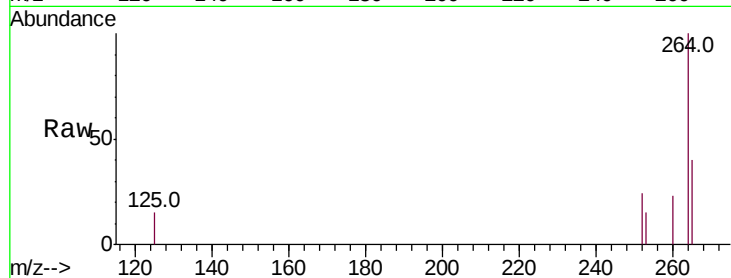
Tot Ion:252 Resp: 833

Ion Ratio Lower Upper

252 100

253 60.7 23.1 34.7#

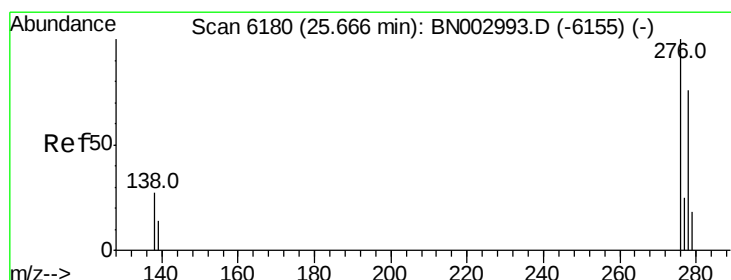
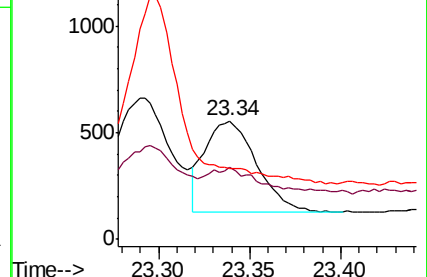
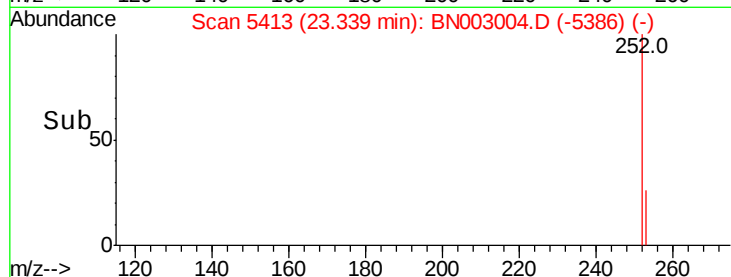
125 59.5 16.9 25.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.039 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. 0.02 min

Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

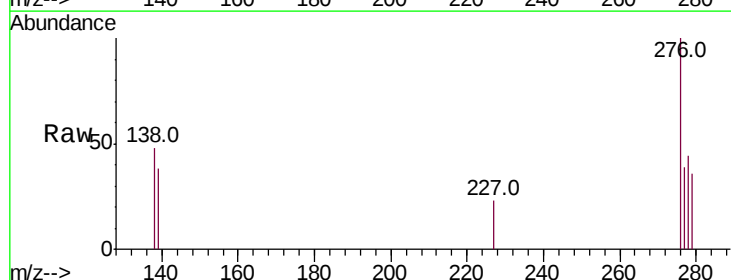
Tgt Ion:276 Resp: 1004

Ion Ratio Lower Upper

276 100

138 27.4 21.5 32.3

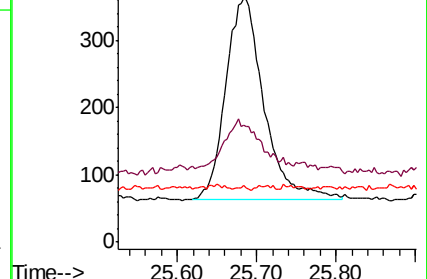
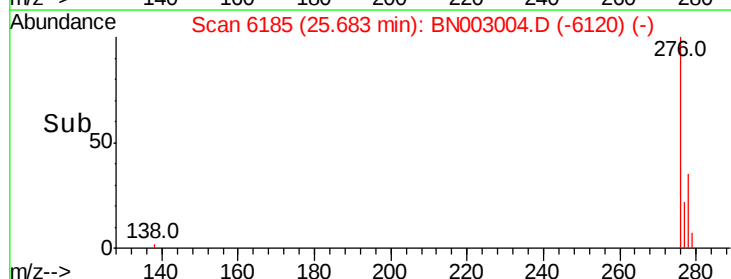
227 0.4 0.3 0.5

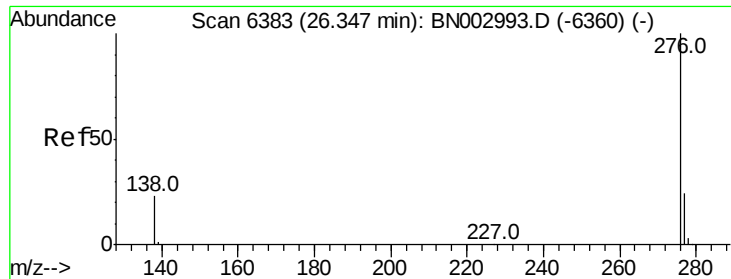


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.048 ng/ul

RT: 26.37 min Scan# 6389

Delta R.T. 0.02 min

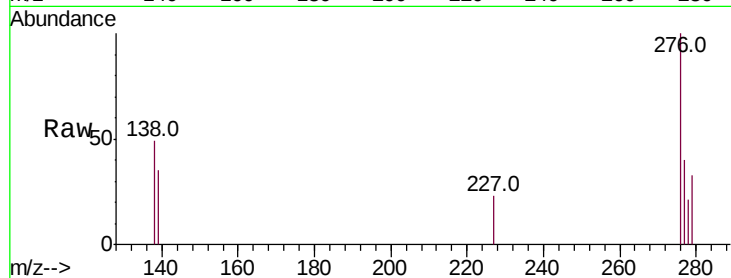
Lab File: BN003004.D

Acq: 09 Oct 2018 01:12

Instrument :

BNA\_N

ClientSampleId :



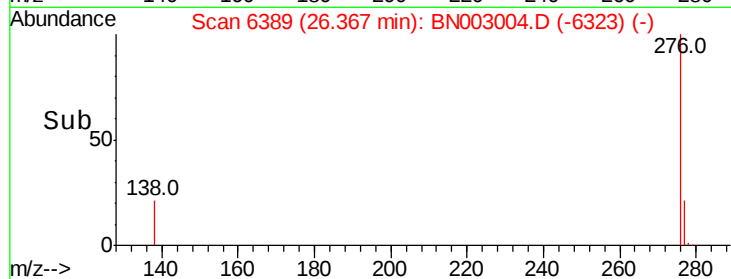
Tot Ion:276 Resp: 1044

Ion Ratio Lower Upper

276 100

138 48.5 23.0 34.4#

277 39.5 22.0 33.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

