

Data File : BN006204.D  
Acq On : 08 Jun 2019 23:41  
Operator : JU/SJ  
Sample : K3017-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A51G3

Quant Time: Jun 09 05:15:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jun 09 05:10:30 2019  
Response via : Initial Calibration

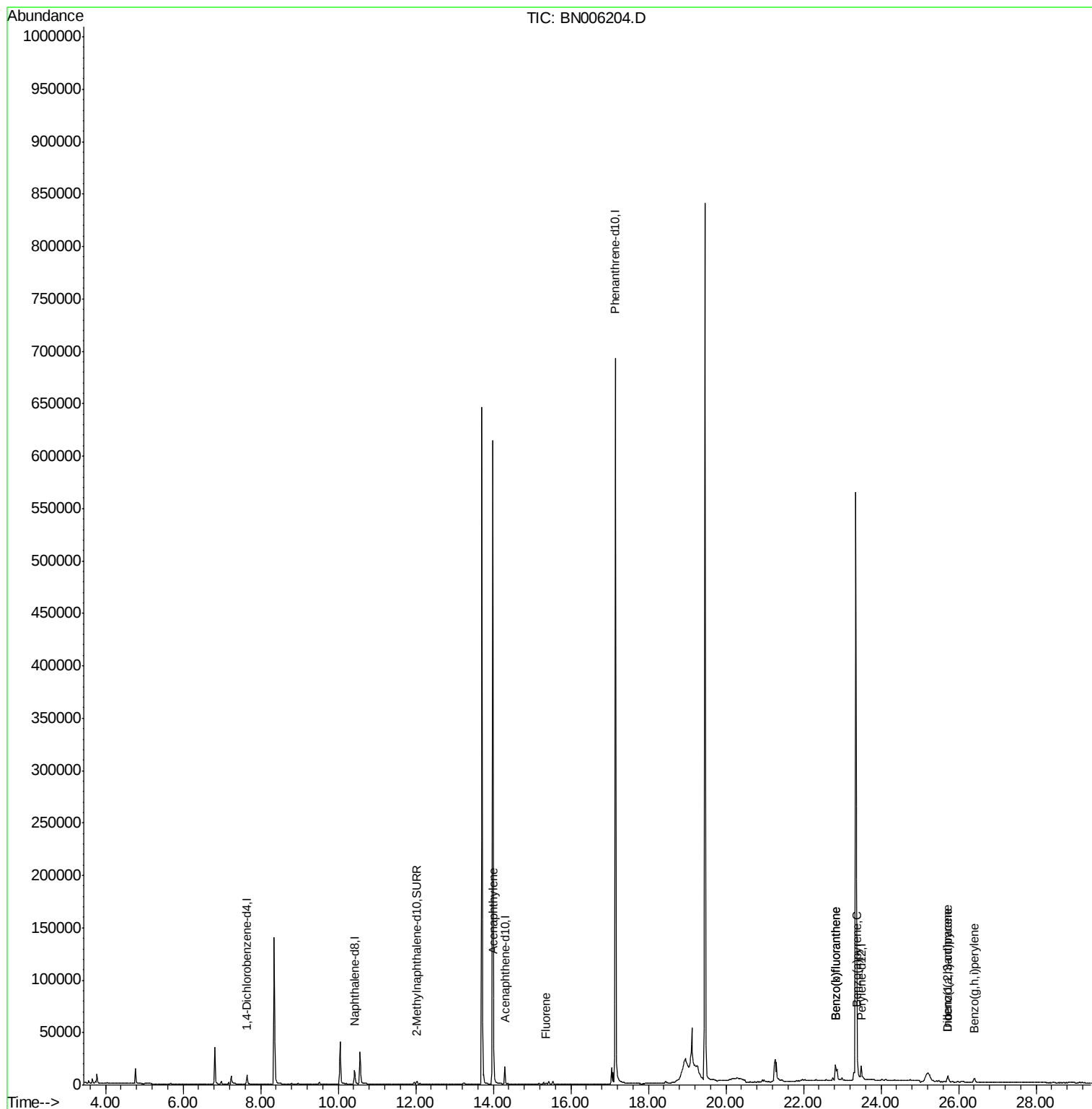
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 4712     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 17730    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 9127     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.15 | 188  | 780813   | 0.40  | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00  | ng/ul  | -21.26   |
| 20) Perylene-d12            | 23.49 | 264  | 23292    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 4707     | 0.17  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00  | ng/ul  |          |
| Target Compounds            |       |      |          |       |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 4184     | 0.082 | ng/ul# | 94       |
| 9) Fluorene                 | 15.35 | 166  | 832      | 0.020 | ng/ul# | 91       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 33703    | 0.347 | ng/ul  | 89       |
| 22) Benzo(k)fluoranthene    | 22.82 | 252  | 33630    | 0.355 | ng/ul# | 86       |
| 23) Benzo(a)pyrene          | 23.39 | 252  | 11938    | 0.132 | ng/ul# | 90       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.72 | 276  | 9957     | 0.102 | ng/ul# | 87       |
| 25) Dibenzo(a,h)anthracene  | 25.72 | 278  | 2389     | 0.031 | ng/ul# | 31       |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 8611     | 0.105 | ng/ul# | 87       |

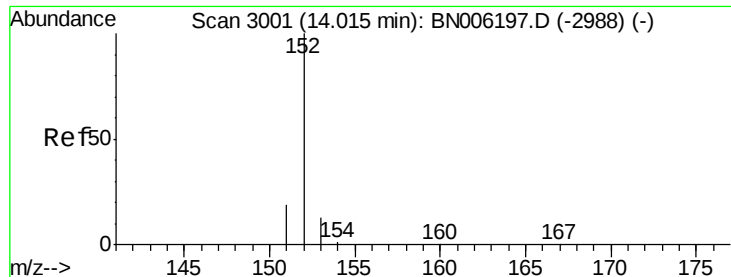
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN006204.D  
Acq On : 08 Jun 2019 23:41  
Operator : JU/SJ  
Sample : K3017-02  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A51G3

Quant Time: Jun 09 05:15:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jun 09 05:10:30 2019  
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA\_N

ClientSampleId :

A51G3

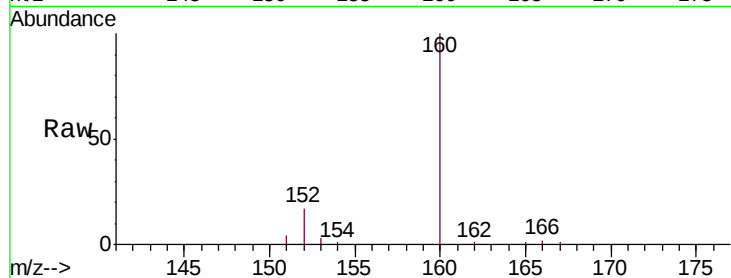
Tgt Ion:152 Resp: 4184

Ion Ratio Lower Upper

152 100

151 22.2 15.8 23.8

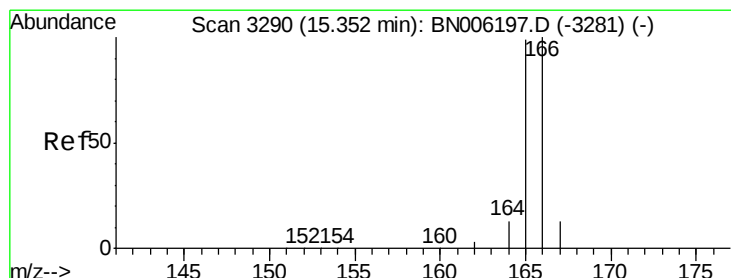
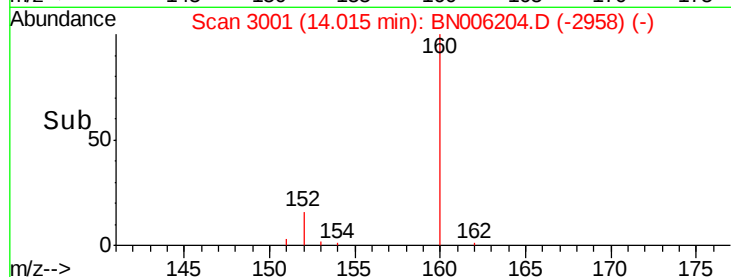
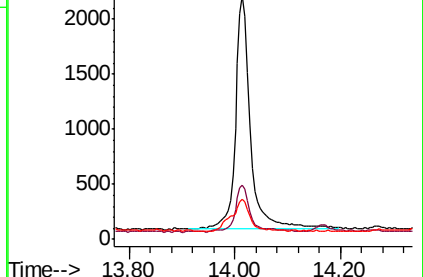
153 16.3 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

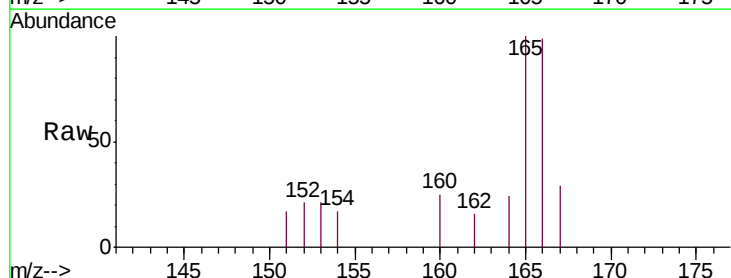
Tgt Ion:166 Resp: 832

Ion Ratio Lower Upper

166 100

165 100.6 76.4 114.6

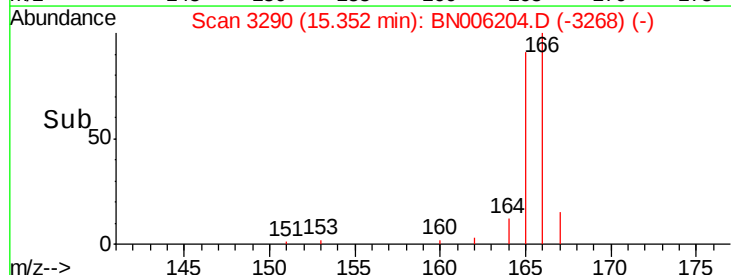
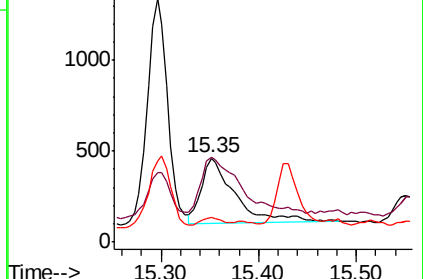
167 29.2 11.0 16.6#

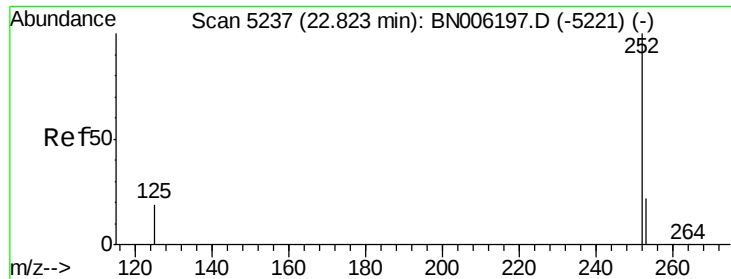


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#21

Benzo(b)fluoranthene

Concen: 0.347 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. 0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA\_N

ClientSampleId :

A51G3

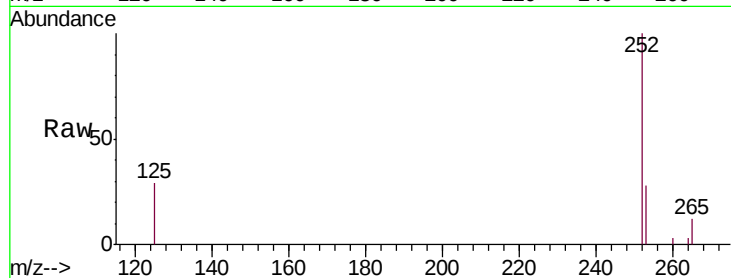
Tgt Ion:252 Resp: 33703

Ion Ratio Lower Upper

252 100

253 28.1 0.0 51.4

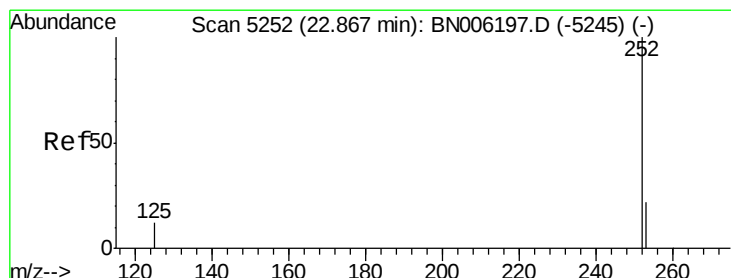
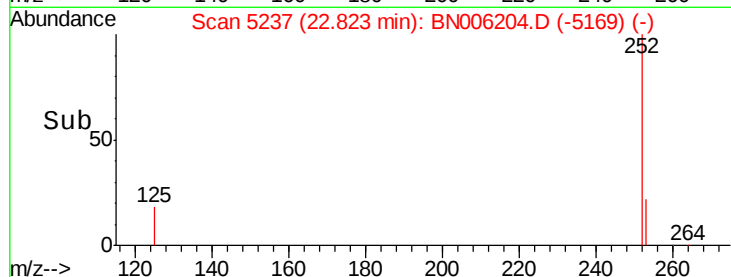
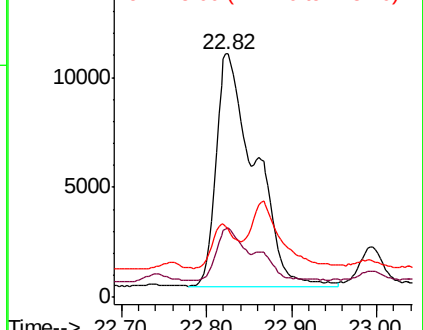
125 29.2 0.0 41.0



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



#22

Benzo(k)fluoranthene

Concen: 0.355 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.04 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

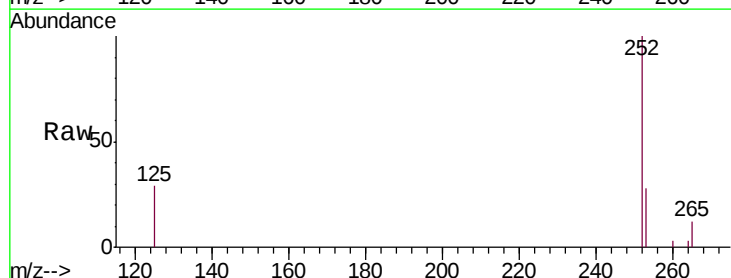
Tgt Ion:252 Resp: 33630

Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

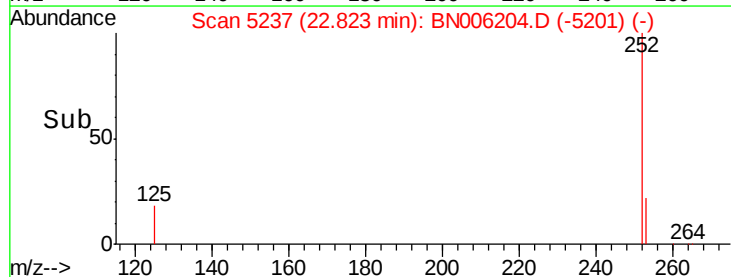
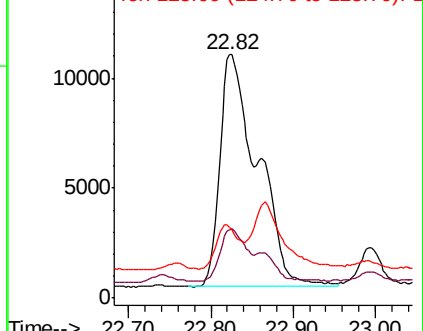
125 29.2 14.3 21.5#

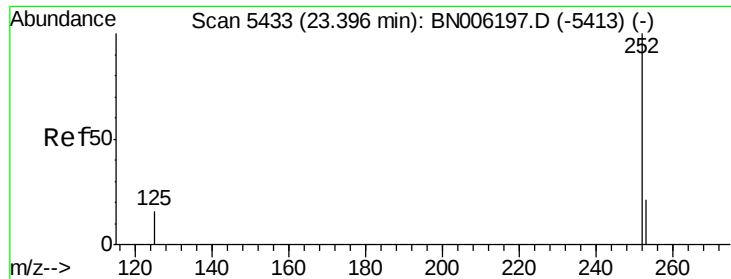


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.132 ng/u1

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA\_N

ClientSampleId :

A51G3

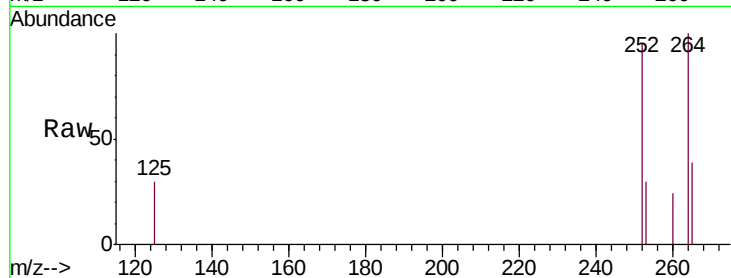
Tgt Ion:252 Resp: 11938

Ion Ratio Lower Upper

252 100

253 31.0 21.1 31.7

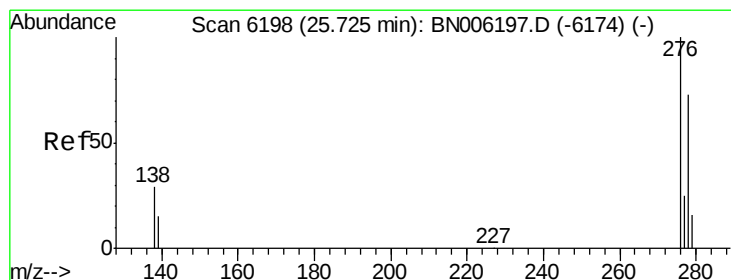
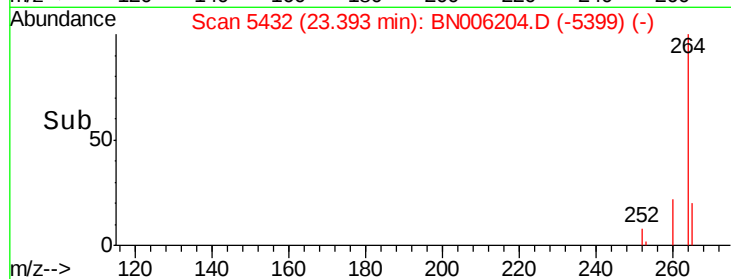
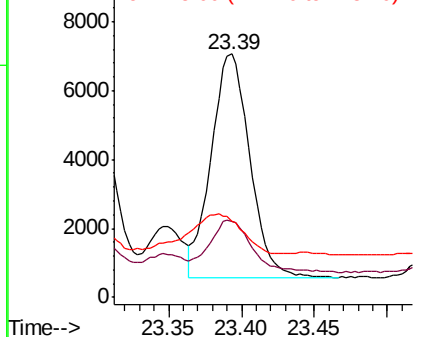
125 31.3 20.3 30.5#



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: 0.102 ng/u1

RT: 25.72 min Scan# 6197

Delta R.T. -0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

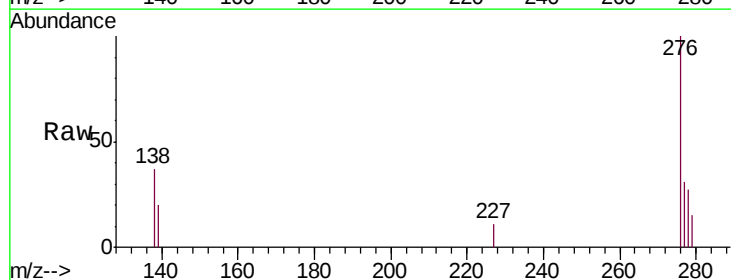
Tgt Ion:276 Resp: 9957

Ion Ratio Lower Upper

276 100

138 24.9 25.6 38.4#

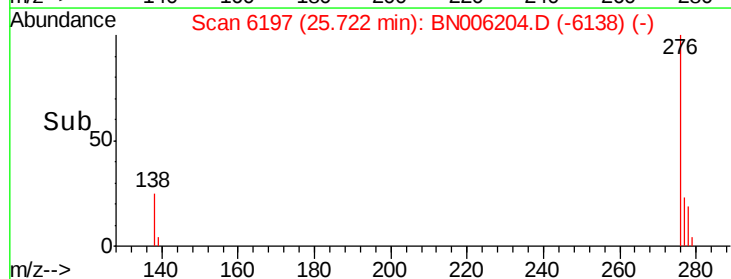
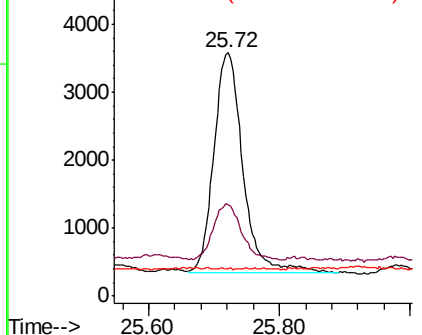
227 0.2 0.3 0.5#

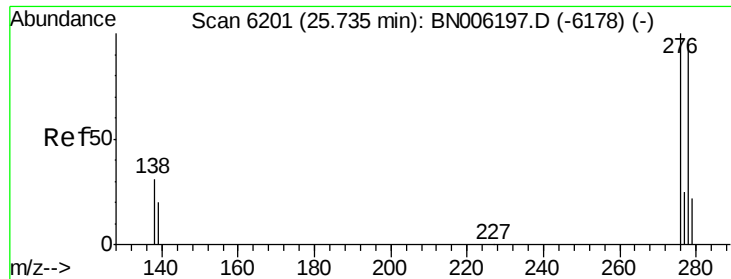


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

RT: 25.72 min Scan# 6197

Delta R.T. -0.01 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

Instrument :

BNA\_N

ClientSampleId :

A51G3

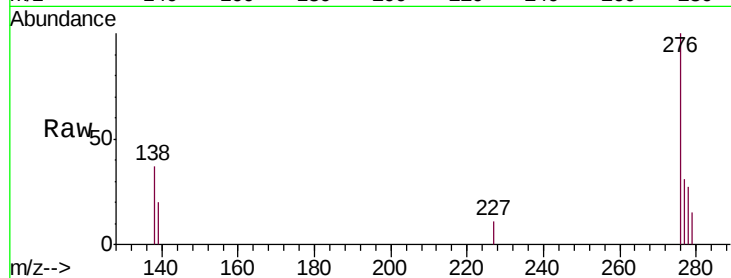
Tgt Ion: 278 Resp: 2389

Ion Ratio Lower Upper

278 100

139 72.0 21.2 31.8#

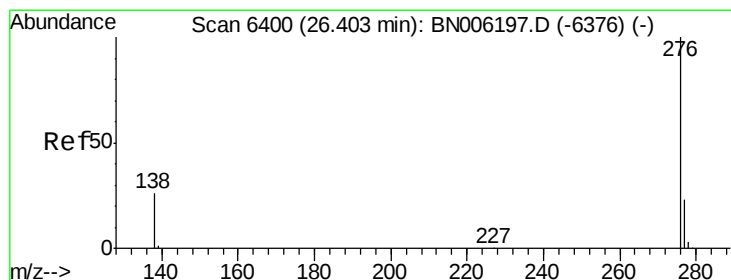
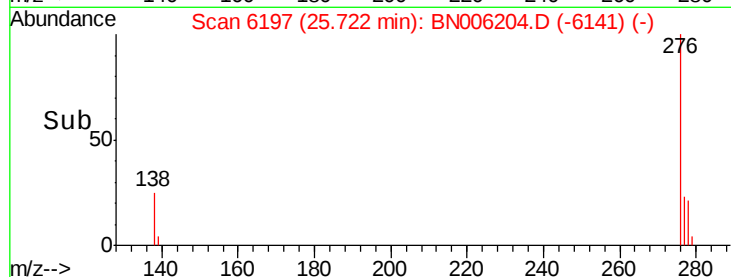
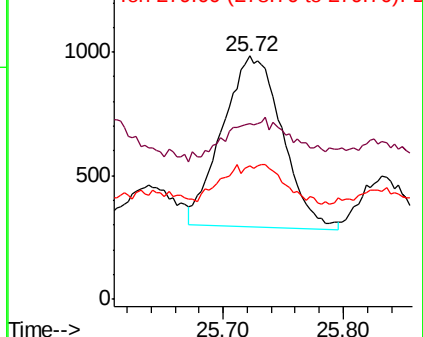
279 54.7 22.6 33.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.105 ng/ul

RT: 26.40 min Scan# 6400

Delta R.T. 0.00 min

Lab File: BN006204.D

Acq: 08 Jun 2019 23:41

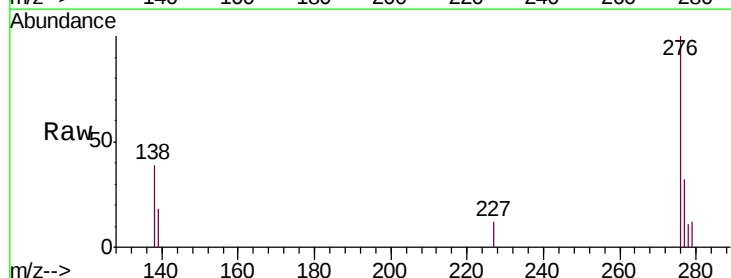
Tgt Ion: 276 Resp: 8611

Ion Ratio Lower Upper

276 100

138 38.6 24.2 36.4#

277 31.8 21.5 32.3



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

