

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\  
 Data File : BN011389.D  
 Acq On : 06 Aug 2020 21:01  
 Operator : CG/JU  
 Sample : L3419-15  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AF2

Quant Time: Aug 07 02:06:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 07 02:04:45 2020  
 Response via : Initial Calibration

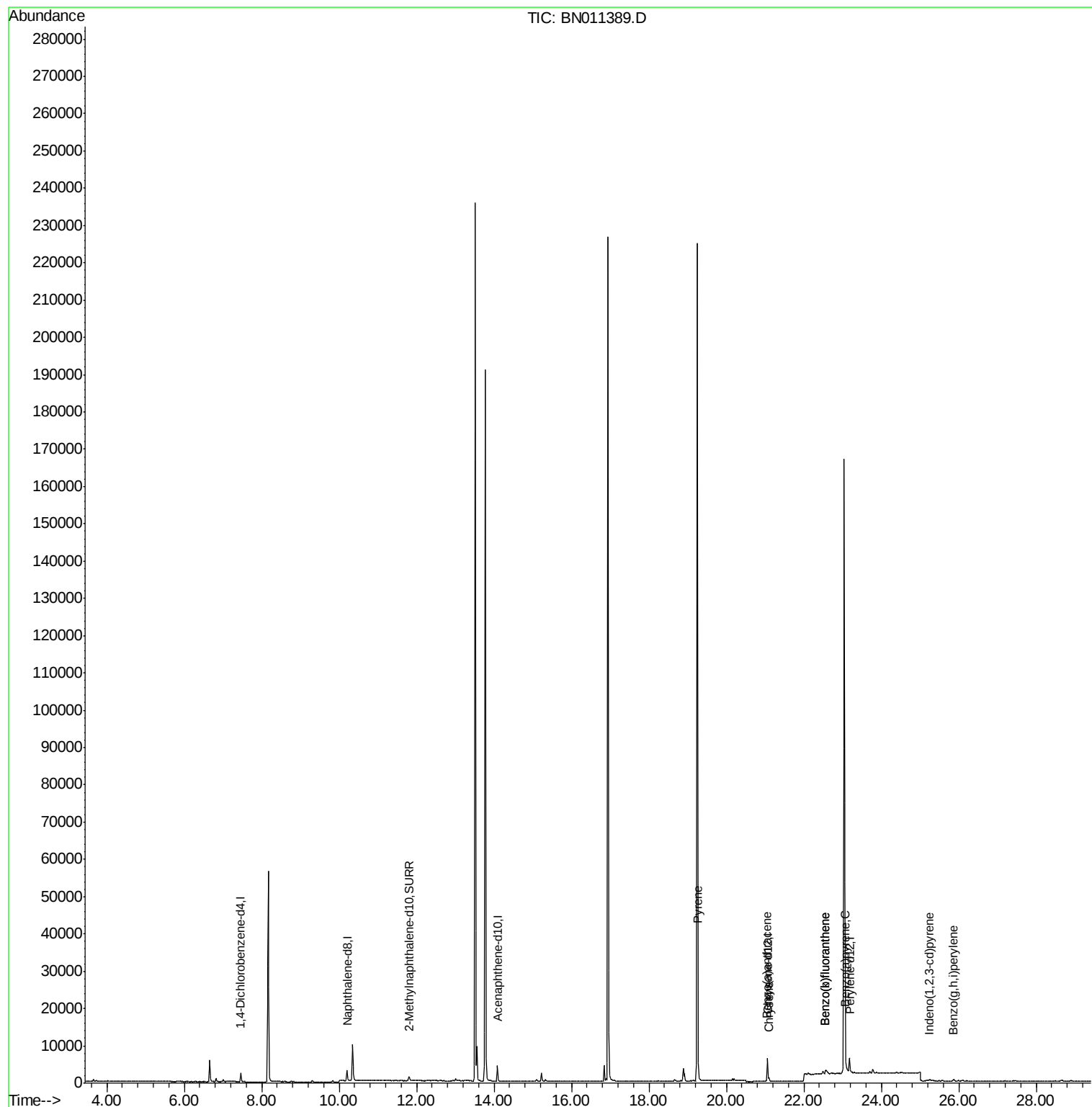
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.46  | 152  | 1172     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.20 | 136  | 3794     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.09 | 164  | 2199     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00  | ng/ul  | -16.85   |
| 16) Chrysene-d12            | 21.06 | 240  | 5374     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.18 | 264  | 4950     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.80 | 152  | 1989     | 0.21  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.88 | 212  | 3828     | 0.00  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 17) Pyrene                  | 19.27 | 202  | 2020     | 0.083 | ng/ul# | 88       |
| 18) Benzo(a)anthracene      | 21.05 | 228  | 883      | 0.043 | ng/ul# | 85       |
| 19) Chrysene                | 21.10 | 228  | 1074     | 0.045 | ng/ul# | 88       |
| 21) Benzo(b)fluoranthene    | 22.56 | 252  | 2072     | 0.100 | ng/ul# | 30       |
| 22) Benzo(k)fluoranthene    | 22.56 | 252  | 2072     | 0.089 | ng/ul# | 37       |
| 23) Benzo(a)pyrene          | 23.08 | 252  | 882      | 0.049 | ng/ul# | 23       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.24 | 276  | 664      | 0.035 | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 25.87 | 276  | 669      | 0.039 | ng/ul# | 58       |

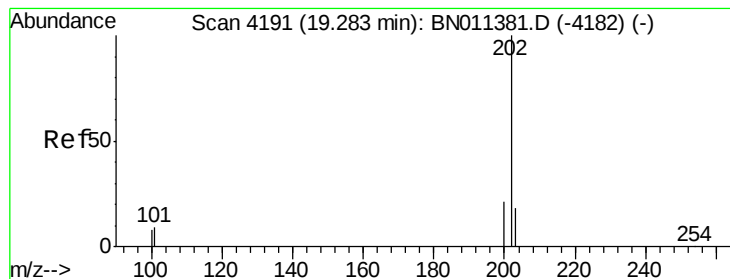
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 07 02:04:45 2020  
Response via : Initial Calibration





#17

Pvrene

Concen: 0.083 ng/ul

RT: 19.27 min Scan# 4189

Delta R.T. -0.01 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

Instrument :

BNA\_N

ClientSampleId :

C0AF2

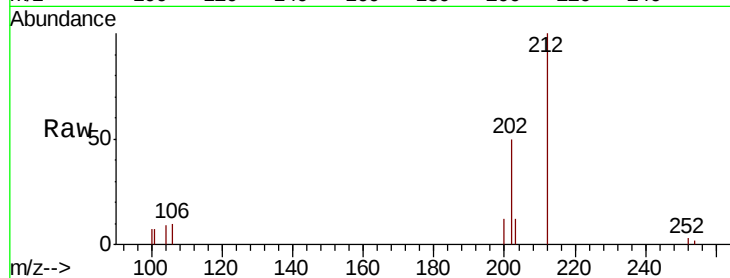
Tot Ion:202 Resp: 2020

Ion Ratio Lower Upper

202 100

101 14.4 8.5 12.7#

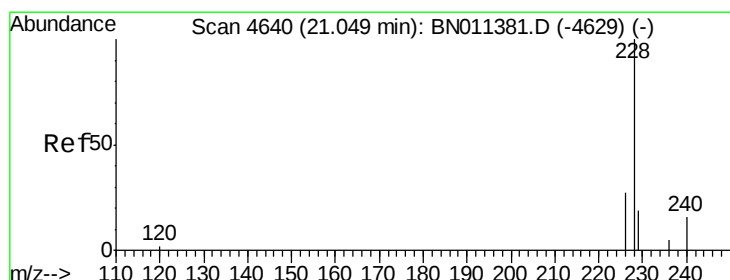
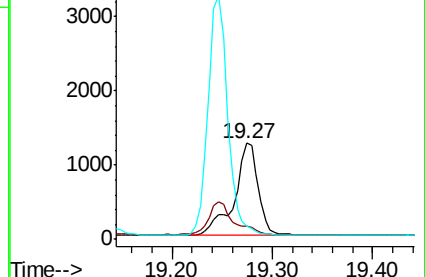
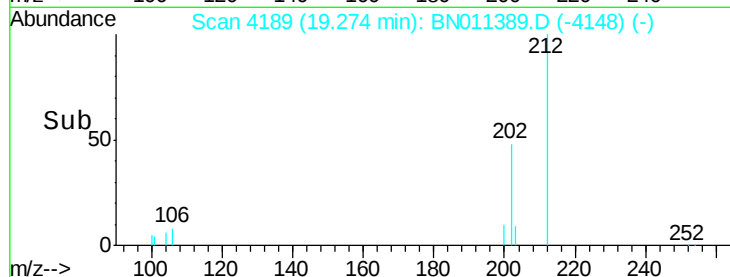
100 14.1 7.1 10.7#



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



#18

Benzo(a)anthracene

Concen: 0.043 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

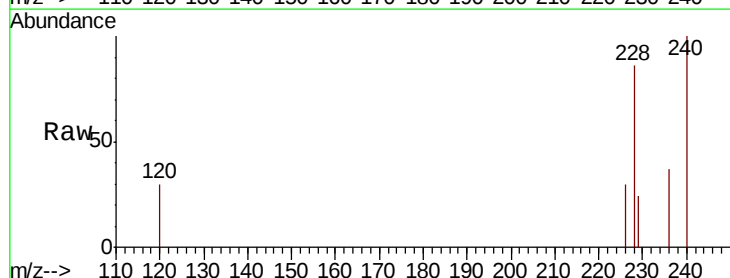
Tgt Ion:228 Resp: 883

Ion Ratio Lower Upper

228 100

229 28.3 16.1 24.1#

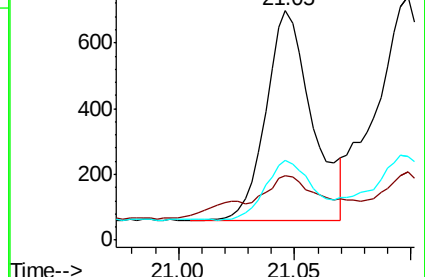
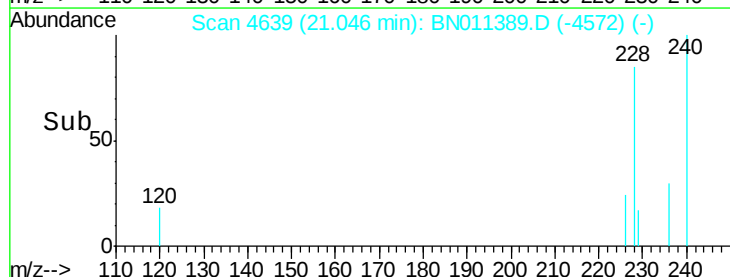
226 34.6 22.2 33.2#

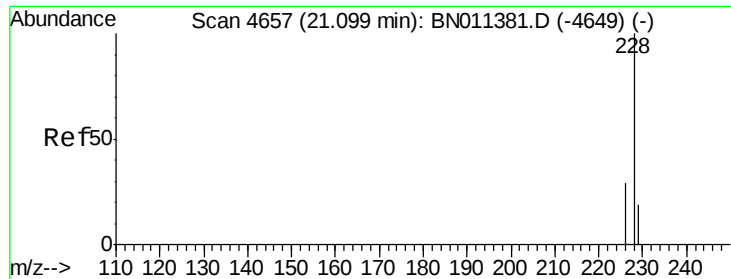


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.045 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. 0.00 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

Instrument :

BNA\_N

ClientSampleId :

C0AF2

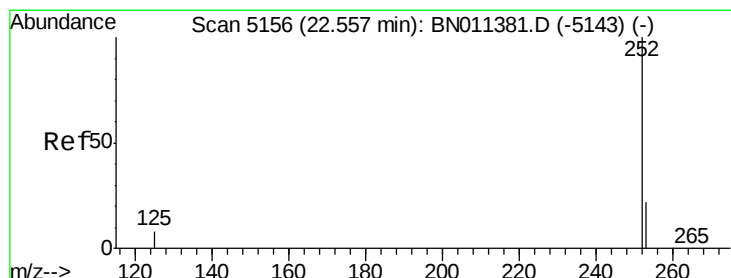
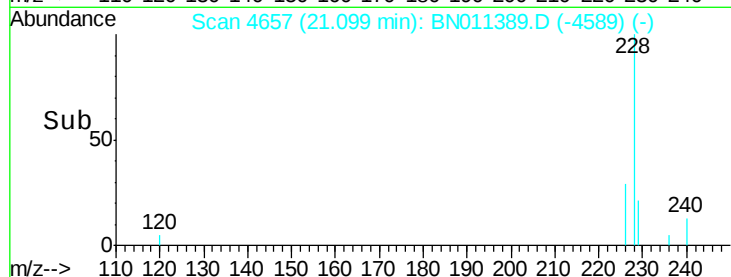
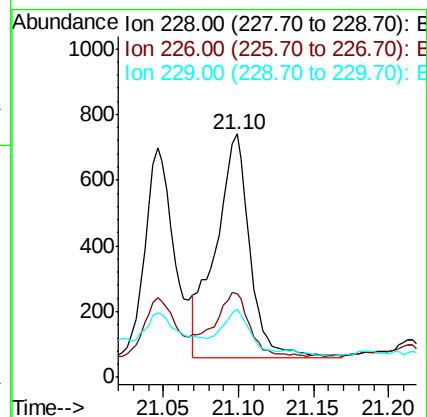
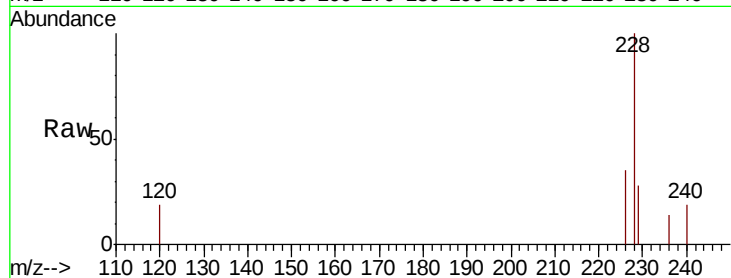
Tot Ion:228 Resp: 1074

Ion Ratio Lower Upper

228 100

226 34.5 24.5 36.7

229 28.1 15.8 23.6#



#21

Benzo(b)fluoranthene

Concen: 0.100 ng/ul

RT: 22.56 min Scan# 5156

Delta R.T. 0.00 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

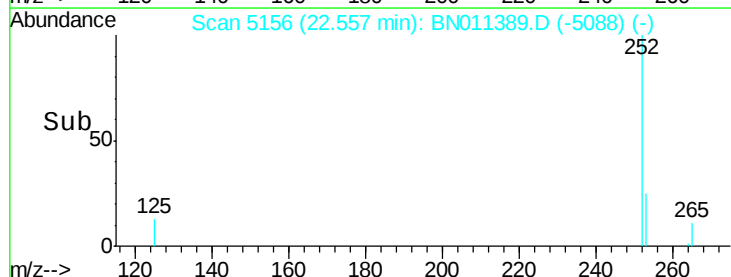
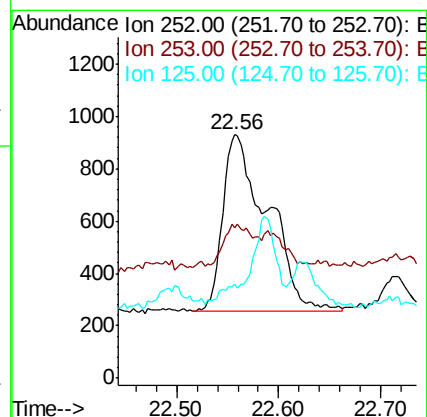
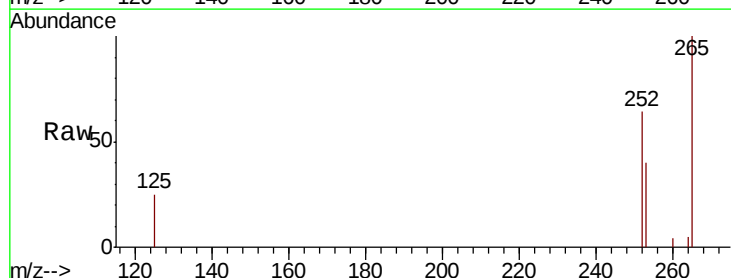
Tgt Ion:252 Resp: 2072

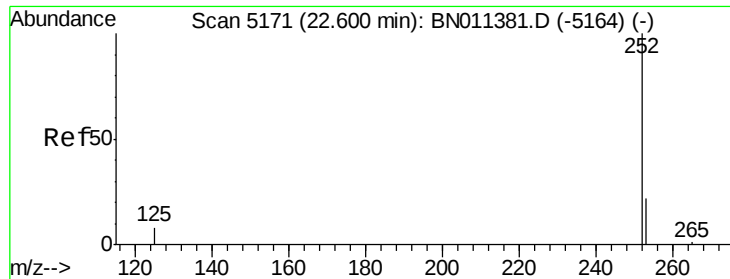
Ion Ratio Lower Upper

252 100

253 61.9 0.0 51.8#

125 38.3 0.0 24.2#





#22

Benzo(k)fluoranthene

Concen: 0.089 ng/ul

RT: 22.56 min Scan# 5156

Delta R.T. -0.04 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

Instrument :

BNA\_N

ClientSampleId :

C0AF2

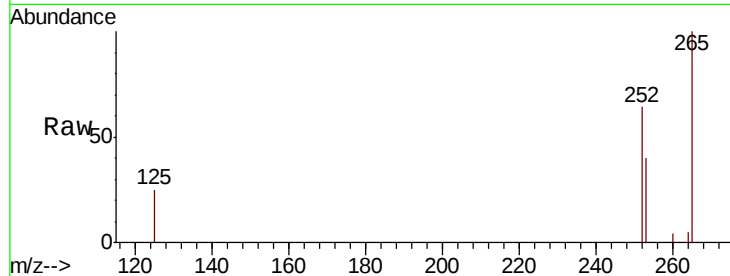
Tot Ion:252 Resp: 2072

Ion Ratio Lower Upper

252 100

253 61.9 21.4 32.0#

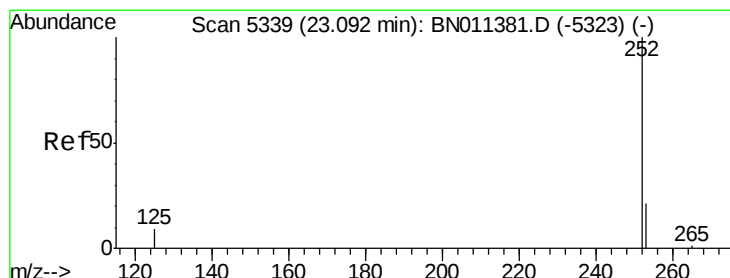
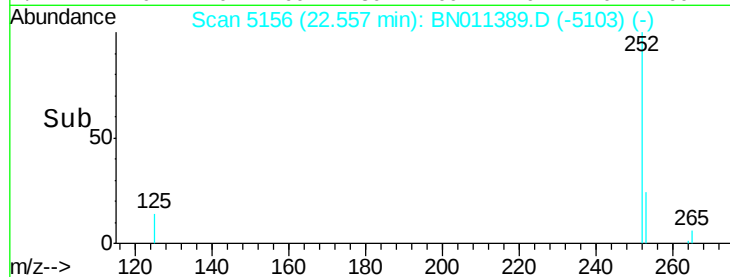
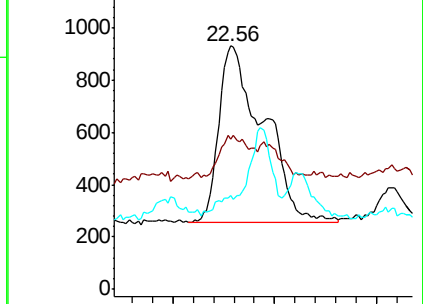
125 38.3 12.6 18.8#



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: 0.049 ng/ul

RT: 23.08 min Scan# 5336

Delta R.T. -0.01 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

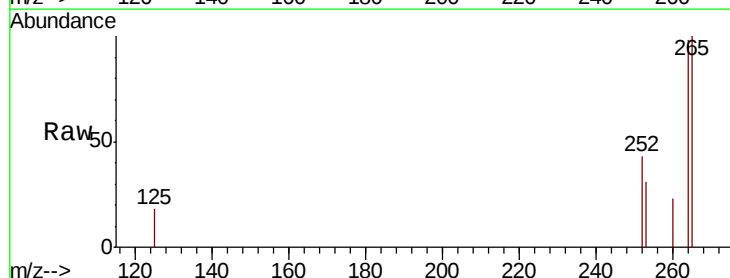
Tgt Ion:252 Resp: 882

Ion Ratio Lower Upper

252 100

253 72.6 22.6 34.0#

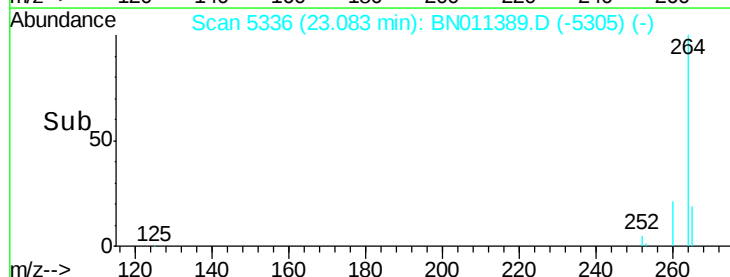
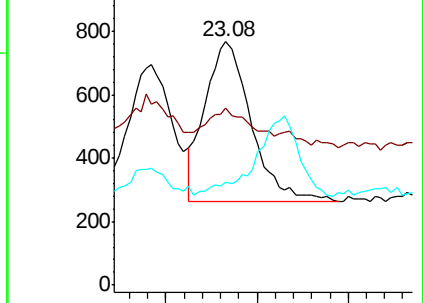
125 42.4 12.6 18.8#

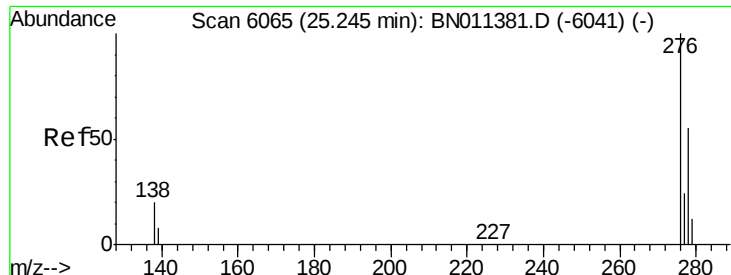


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.035 ng/u1

RT: 25.24 min Scan# 6064

Delta R.T. -0.00 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

Instrument :

BNA\_N

ClientSampleId :

C0AF2

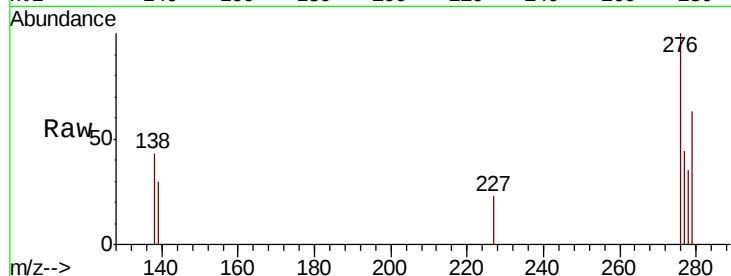
Tot Ion:276 Resp: 664

Ion Ratio Lower Upper

276 100

138 16.7 18.1 27.1#

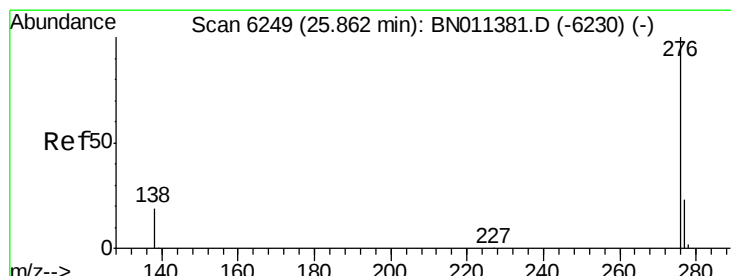
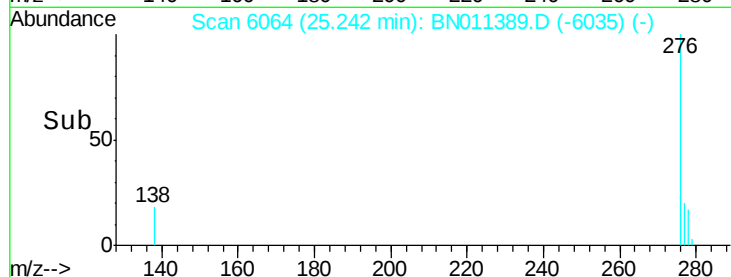
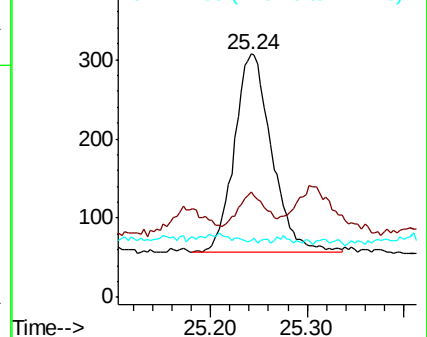
227 0.3 0.2 0.4



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(g,h,i)perylene

Concen: 0.039 ng/u1

RT: 25.87 min Scan# 6251

Delta R.T. 0.00 min

Lab File: BN011389.D

Acq: 06 Aug 2020 21:01

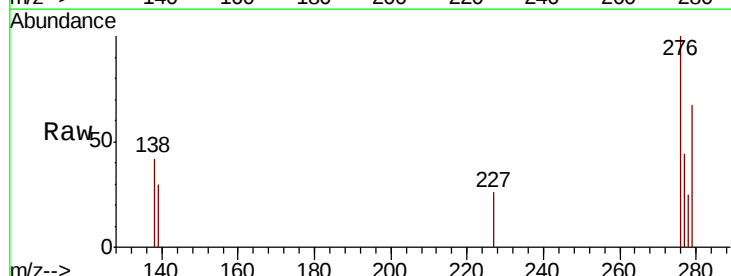
Tgt Ion:276 Resp: 669

Ion Ratio Lower Upper

276 100

138 42.4 16.4 24.6#

277 44.2 20.2 30.4#



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

