

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\  
 Data File : BN006381.D  
 Acq On : 18 Jun 2019 17:40  
 Operator : JU/SJ  
 Sample : K3335-16MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41Z6MSD

Quant Time: Jun 18 18:18:03 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 : Tue Jun 18 15:57:40 2019  
 Response via : Initial Calibration

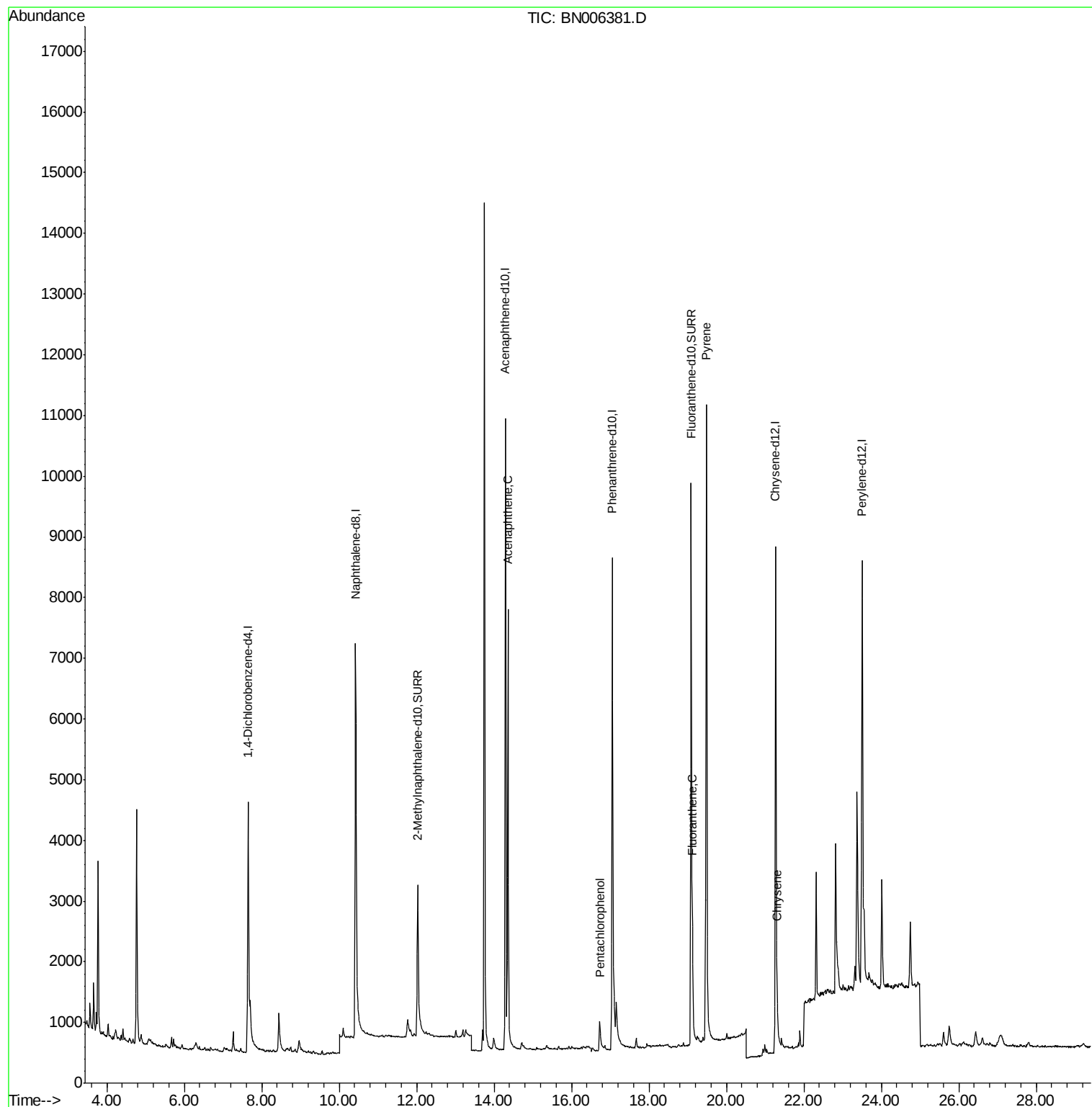
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 3116     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 11947    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 6232     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 11615    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 9040     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 9987     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 5276     | 0.29   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 10813    | 0.35   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 8) Acenaphthene             | 14.36 | 153  | 4448     | 0.185  | ng/ul  | 100      |
| 11) Pentachlorophenol       | 16.73 | 266  | 709      | 0.240  | ng/ul  | 95       |
| 15) Fluoranthene            | 19.12 | 202  | 1678     | 0.041  | ng/ul  | 87       |
| 17) Pyrene                  | 19.49 | 202  | 10278    | 0.216  | ng/ul  | 100      |
| 19) Chrysene                | 21.31 | 228  | 808      | 0.022  | ng/ul# | 74       |

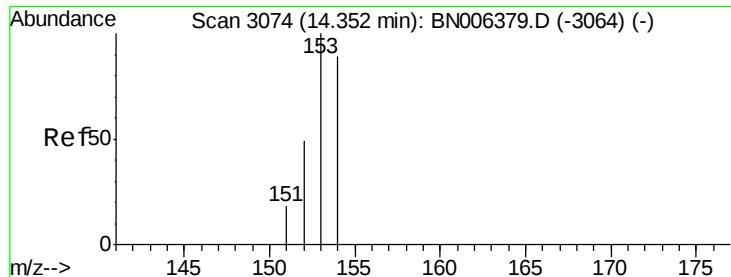
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\  
Data File : BN006381.D  
Acq On : 18 Jun 2019 17:40  
Operator : JU/SJ  
Sample : K3335-16MSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A41Z6MSD

Quant Time: Jun 18 18:18:03 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 : Tue Jun 18 15:57:40 2019  
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.185 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006381.D

Acq: 18 Jun 2019 17:40

Instrument :

BNA\_N

ClientSampleId :

A41Z6MSD

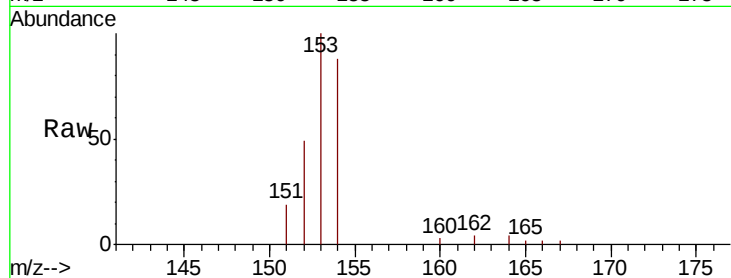
Tot Ion:153 Resp: 4448

Ion Ratio Lower Upper

153 100

152 49.1 39.1 58.7

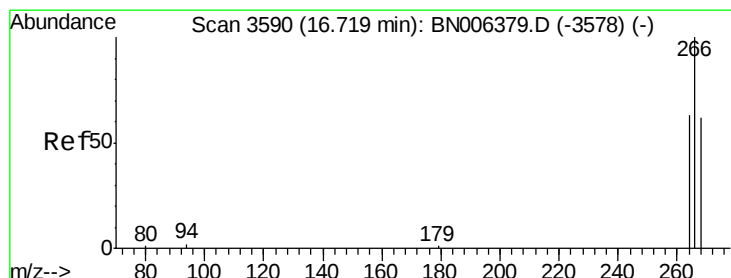
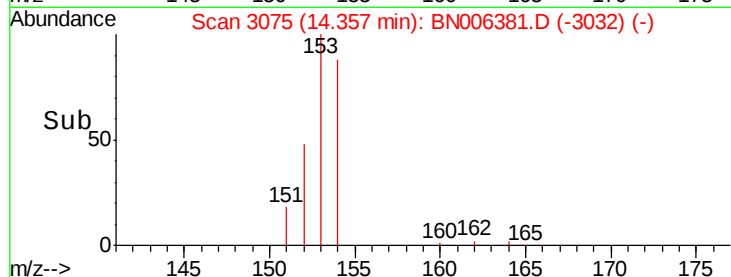
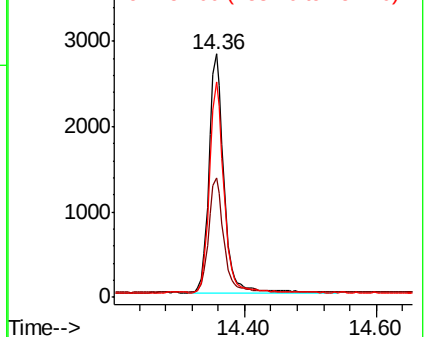
154 88.4 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Pentachlorophenol

Concen: 0.240 ng/ul

RT: 16.73 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BN006381.D

Acq: 18 Jun 2019 17:40

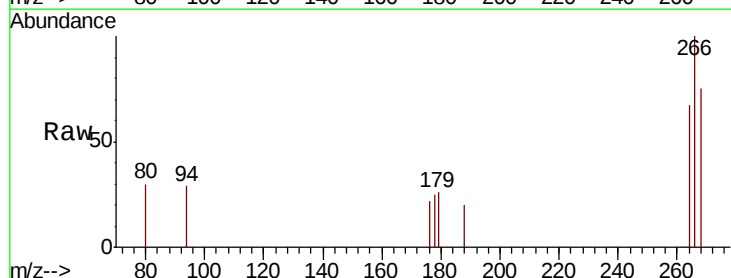
Tgt Ion:266 Resp: 709

Ion Ratio Lower Upper

266 100

264 62.8 50.3 75.5

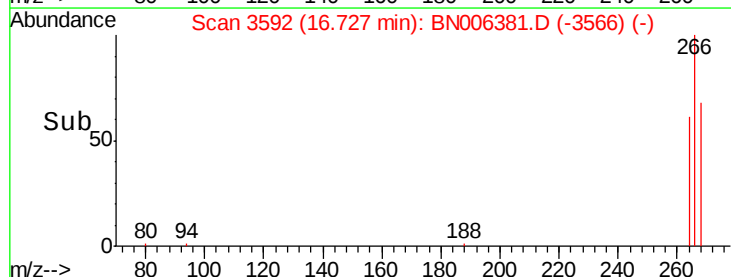
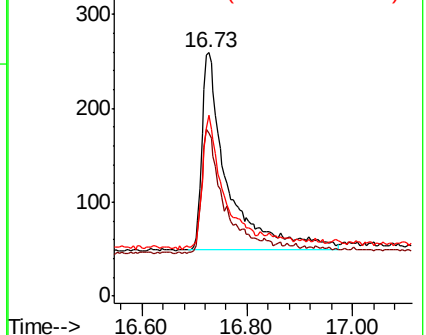
268 71.1 51.3 76.9

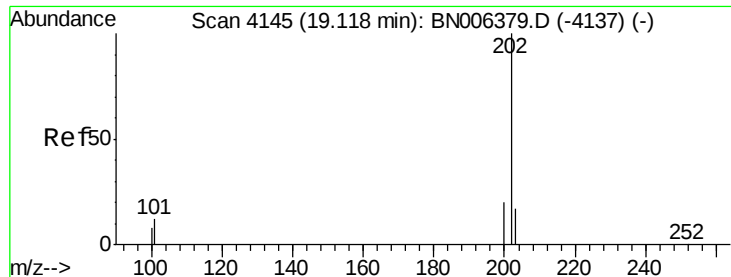


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Fluoranthene

Concen: 0.041 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006381.D

Acq: 18 Jun 2019 17:40

Instrument :

BNA\_N

ClientSampleId :

A41Z6MSD

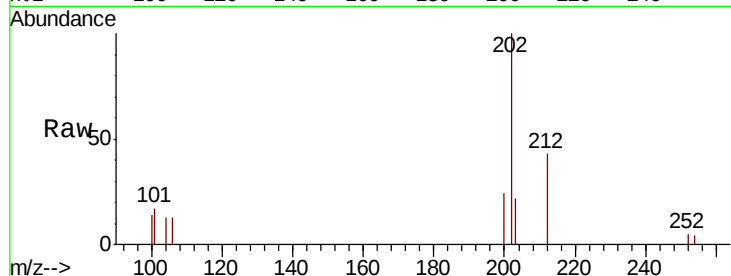
Tot Ion:202 Resp: 1678

Ion Ratio Lower Upper

202 100

101 16.8 0.0 32.1

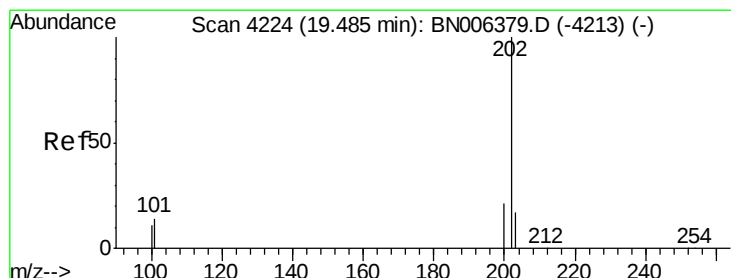
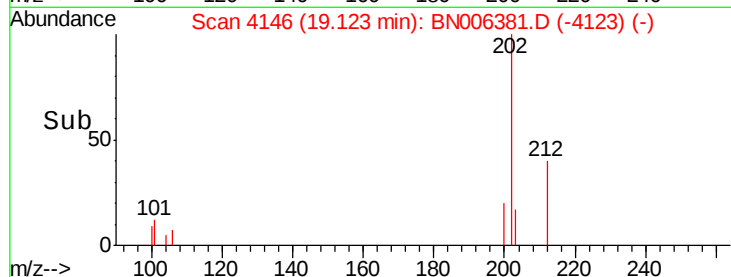
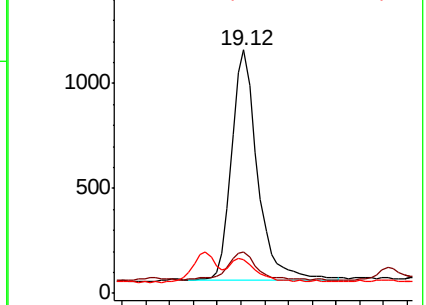
100 13.6 0.0 28.7



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



#17

Pyrene

Concen: 0.216 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006381.D

Acq: 18 Jun 2019 17:40

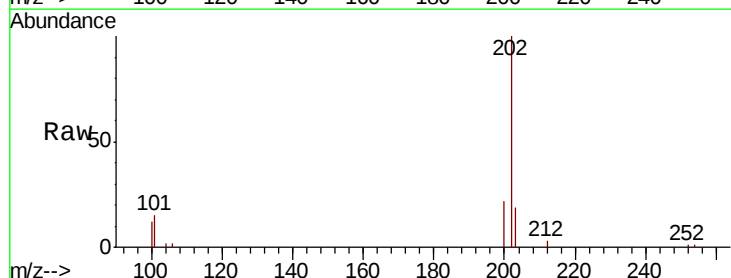
Tgt Ion:202 Resp: 10278

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.2

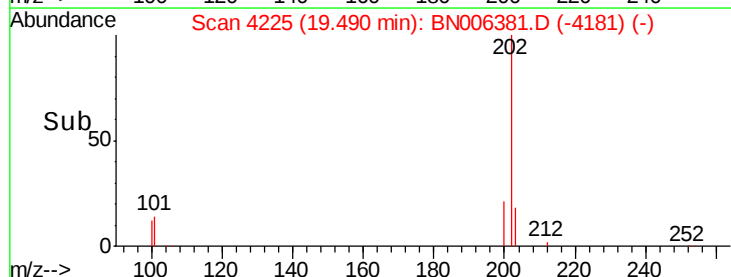
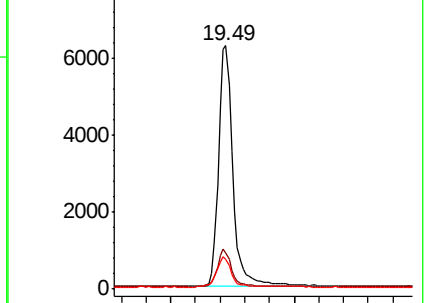
100 12.4 9.8 14.6

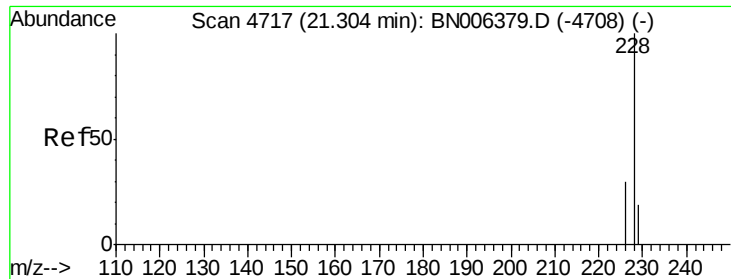


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Chrvsene

Concen: 0.022 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BN006381.D

Acq: 18 Jun 2019 17:40

Instrument :

BNA\_N

ClientSampleId :

A41Z6MSD

Tot Ion:228 Resp: 808

Ion Ratio Lower Upper

228 100

226 44.1 25.0 37.6#

229 34.0 16.3 24.5#

