

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\  
 Data File : BN002895.D  
 Acq On : 03 Oct 2018 11:47  
 Operator : MJ/SJ  
 Sample : J5123-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B54

Quant Time: Oct 03 13:17:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 29 06:35:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 52136    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 205440   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 122258   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 295175   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.23 | 240  | 302706   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.44 | 264  | 317711   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |      |     |    |      |       |  |
|--------------------------------|------|-----|----|------|-------|--|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |  |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |  |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0  | 0.00 | ng/ul |  |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |  |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |  |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |  |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |  |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0  | 0.00 | ng/ul |  |
| 43) Dimethylphthalate-d6       | 0.00 | 166 | 0d | 0.00 | ng/ul |  |
| 46) Acenaphthylene-d8          | 0.00 | 160 | 0d | 0.00 | ng/ul |  |
| 51) 4-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 57) Fluorene-d10               | 0.00 | 176 | 0  | 0.00 | ng/ul |  |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |  |
| 70) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |  |
| 78) Pyrene-d10                 | 0.00 | 212 | 0d | 0.00 | ng/ul |  |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

## Target Compounds

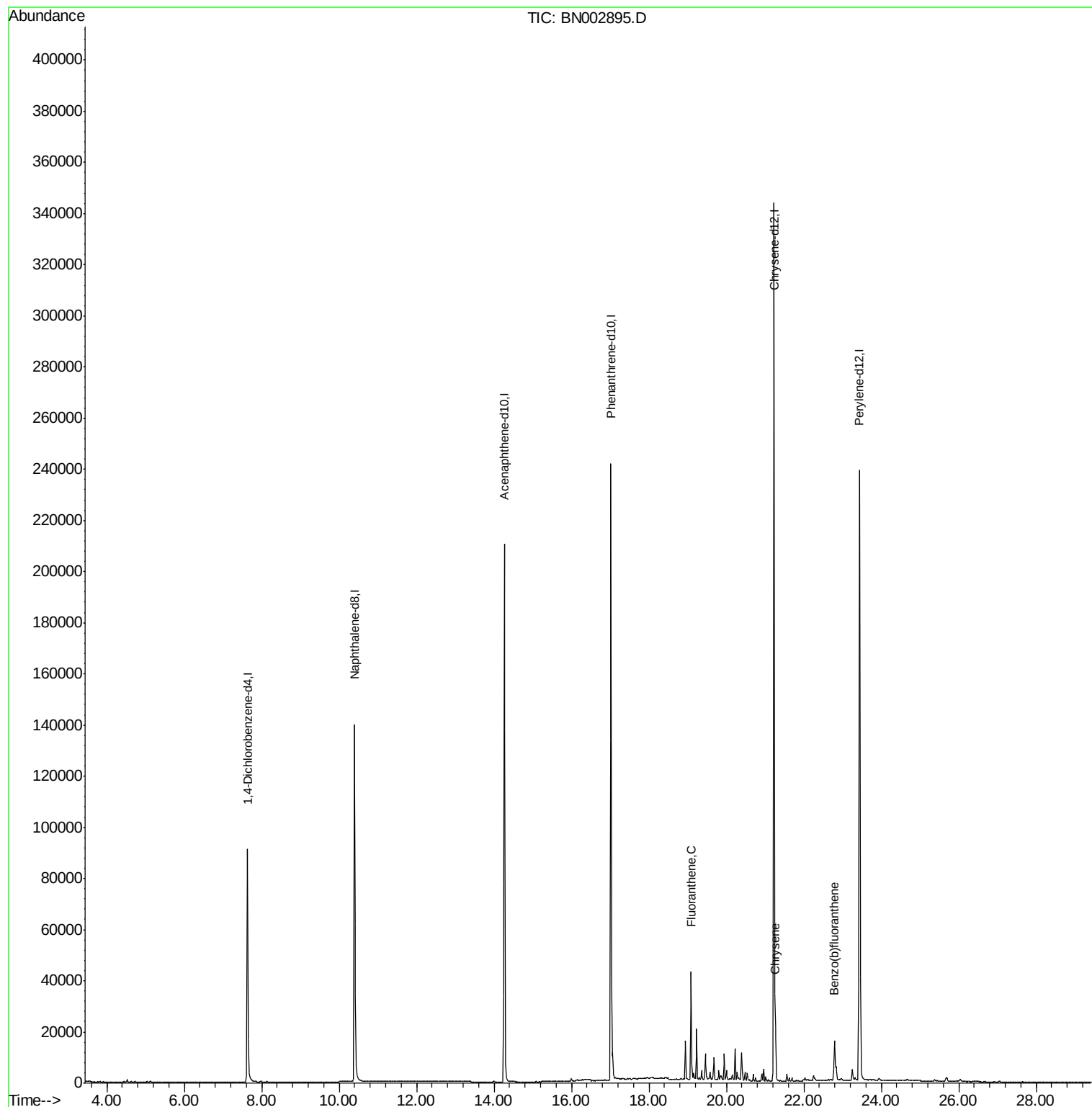
|                          |       |     |       |       | Ovalue |    |
|--------------------------|-------|-----|-------|-------|--------|----|
| 76) Fluoranthene         | 19.09 | 202 | 37549 | 2.164 | ng/ul  | 99 |
| 84) Chrysene             | 21.26 | 228 | 23625 | 1.338 | ng/ul  | 97 |
| 87) Benzo(b)fluoranthene | 22.79 | 252 | 23122 | 1.192 | ng/ul# | 93 |

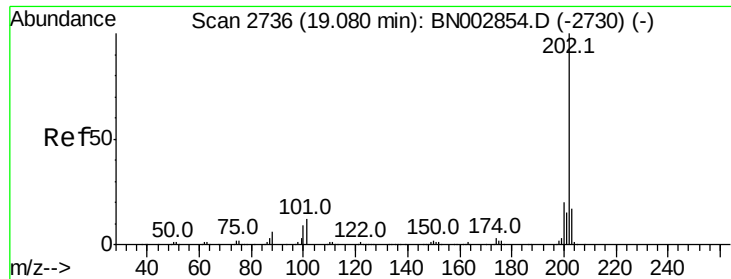
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100318\  
Data File : BN002895.D  
Acq On : 03 Oct 2018 11:47  
Operator : MJ/SJ  
Sample : J5123-16  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B54

Quant Time: Oct 03 13:17:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Sep 29 06:35:10 2018  
Response via : Initial Calibration





#76

Fluoranthene

Concen: 2.164 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. 0.01 min

Lab File: BN002895.D

Acq: 03 Oct 2018 11:47

Instrument :

BNA\_N

ClientSampled :

C0B54

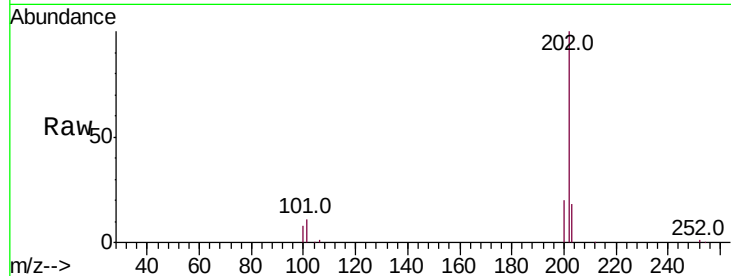
Tot Ion:202 Resp: 37549

Ion Ratio Lower Upper

202 100

101 11.1 9.4 14.2

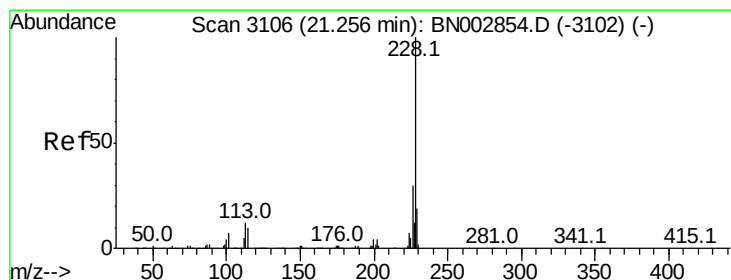
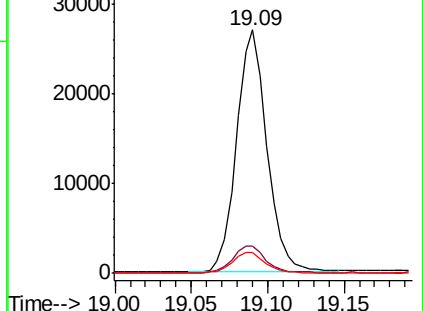
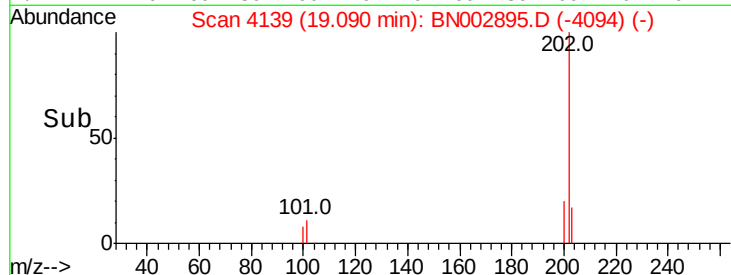
100 8.5 7.0 10.6



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



#84

Chrysene

Concen: 1.338 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN002895.D

Acq: 03 Oct 2018 11:47

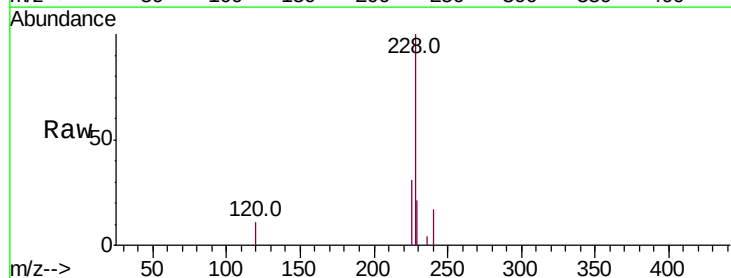
Tgt Ion:228 Resp: 23625

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

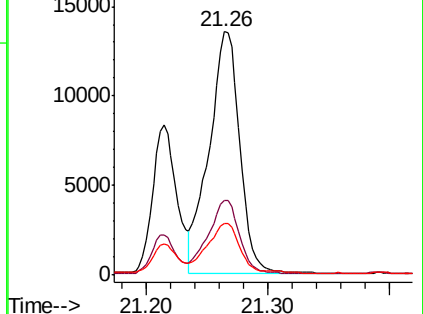
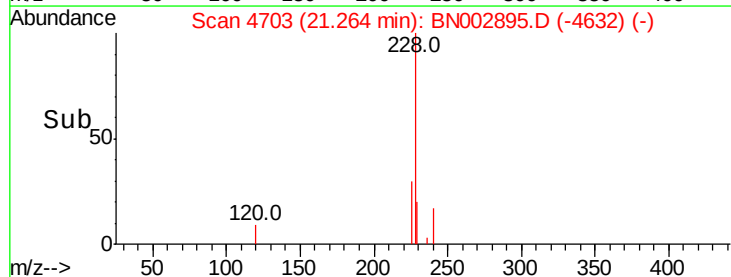
229 21.2 15.7 23.5

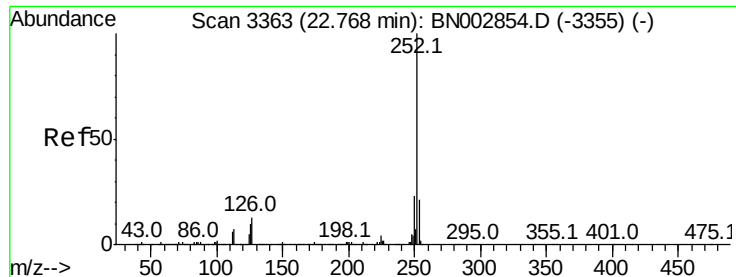


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.192 ng/ul

RT: 22.79 min Scan# 5226

Delta R.T. 0.02 min

Lab File: BN002895.D

Acq: 03 Oct 2018 11:47

Instrument :

BNA\_N

ClientSampleId :

C0B54

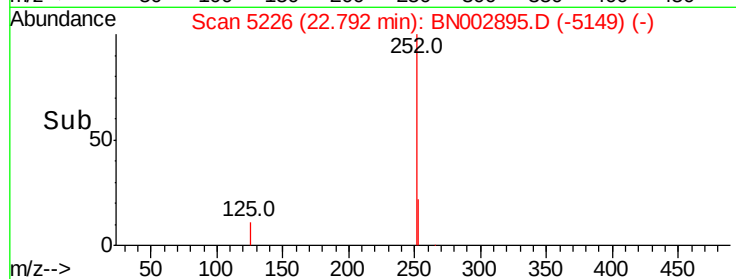
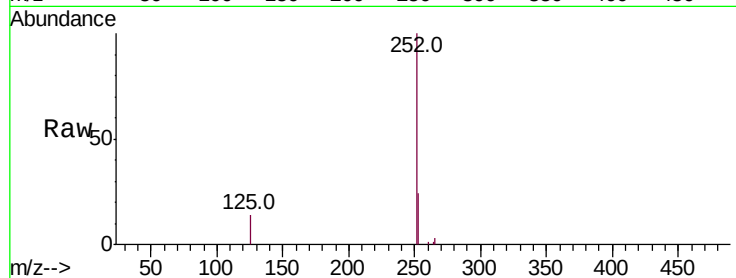
Tot Ion: 252 Resp: 23122

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

125 14.3 8.0 12.0#



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

