

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022638.D  
 Acq On : 11 Sep 2019 02:53  
 Operator : HP/JU  
 Sample : K4682-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 11 05:34:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration

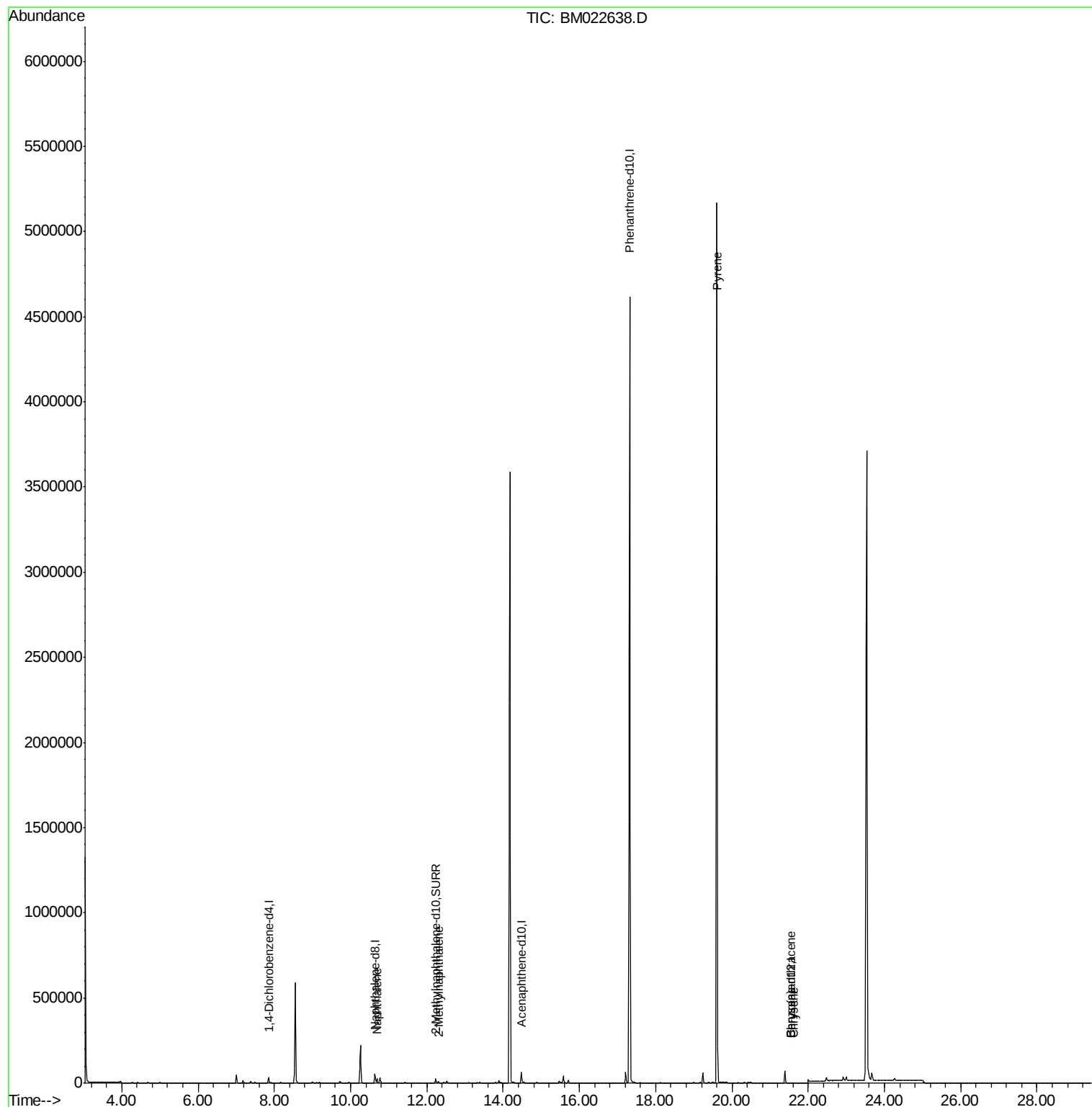
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 16463    | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.64 | 136  | 67756    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.48 | 164  | 37727    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.31 | 188  | 5344942  | 0.40   | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.56 | 240  | 156      | 0.40   | ng/ul  | 0.17     |
| 20) Perylene-d12            | 0.00  | 264  | 0        | 0.00   | ng/ul  | -23.67   |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152  | 30798    | 0.28   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00   | ng/ul  |          |
| Target Compounds            |       |      |          |        |        |          |
| 3) Naphthalene              | 10.69 | 128  | 30988    | 0.161  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.30 | 142  | 5441     | 0.041  | ng/ul  | 99       |
| 17) Pyrene                  | 19.60 | 202  | 9036     | 12.777 | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.55 | 228  | 142      | 0.238  | ng/ul# | 1        |
| 19) Chrysene                | 21.62 | 228  | 30       | 0.048  | ng/ul# | 1        |

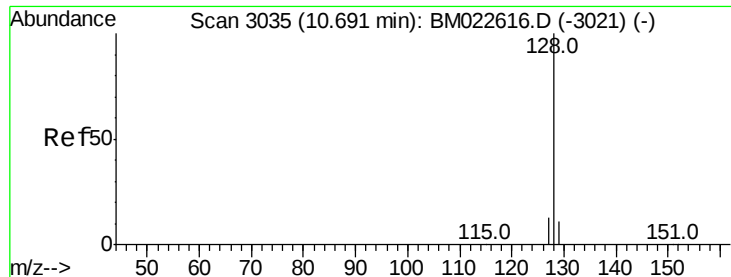
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
Data File : BM022638.D  
Acq On : 11 Sep 2019 02:53  
Operator : HP/JU  
Sample : K4682-05  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Sep 11 05:34:43 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 10 15:06:45 2019  
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.161 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022638.D

Acq: 11 Sep 2019 02:53

Instrument :

BNA\_M

ClientSampleId :

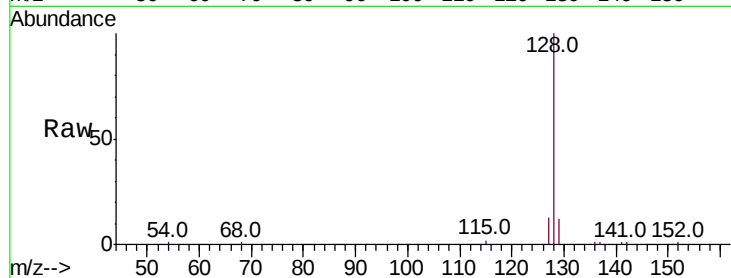
Tot Ion:128 Resp: 30988

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.1 10.4 15.6

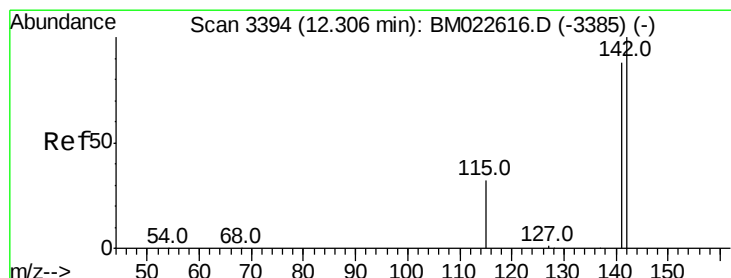
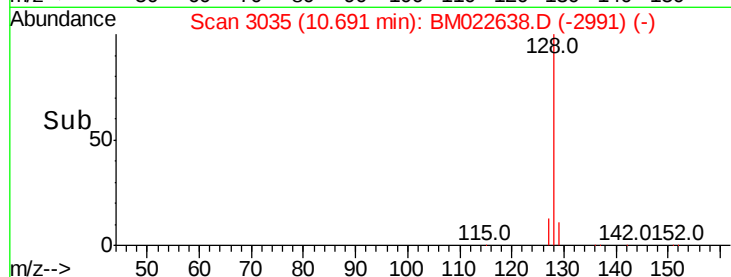
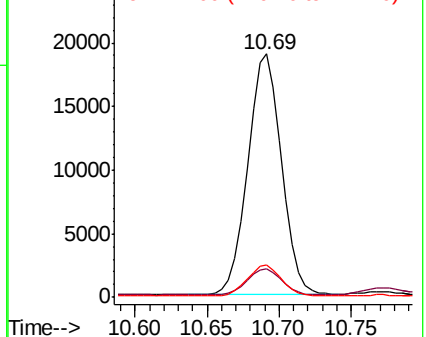


Abundance

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: 0.041 ng/ul

RT: 12.30 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM022638.D

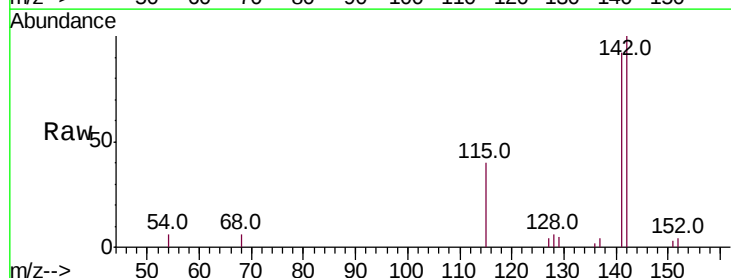
Acq: 11 Sep 2019 02:53

Tgt Ion:142 Resp: 5441

Ion Ratio Lower Upper

142 100

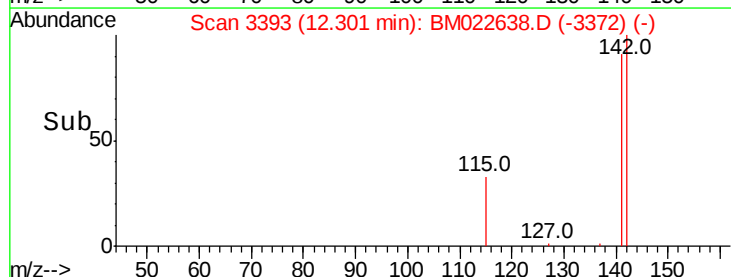
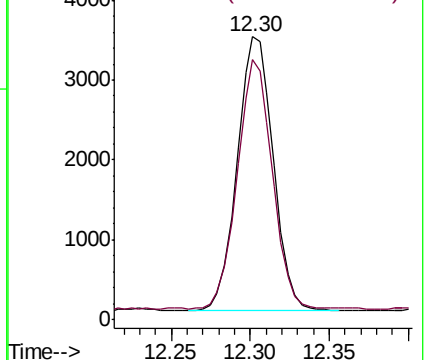
141 89.2 70.8 106.2

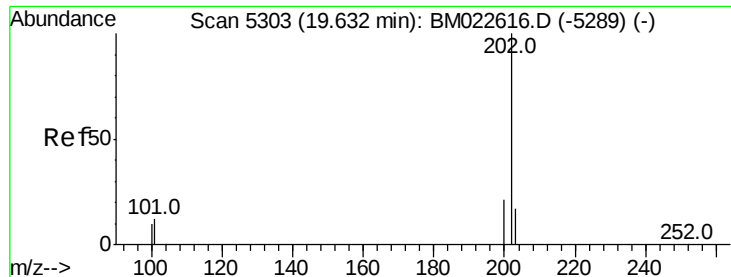


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 12.777 ng/ul

RT: 19.60 min Scan# 5295

Delta R.T. -0.03 min

Lab File: BM022638.D

Acq: 11 Sep 2019 02:53

Instrument :

BNA\_M

ClientSampleId :

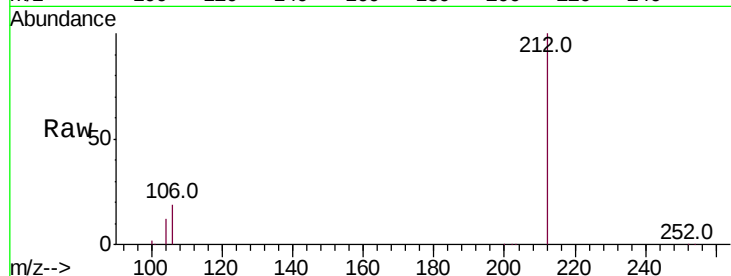
Tot Ion:202 Resp: 9036

Ion Ratio Lower Upper

202 100

101 144.1 10.0 15.0#

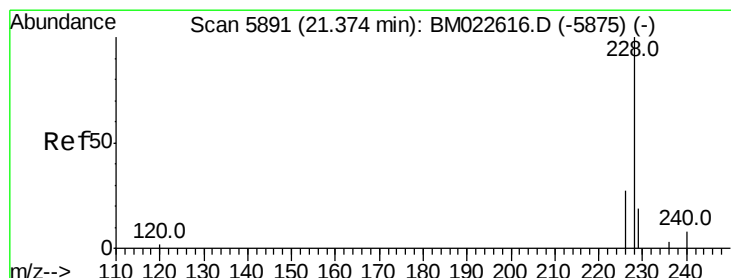
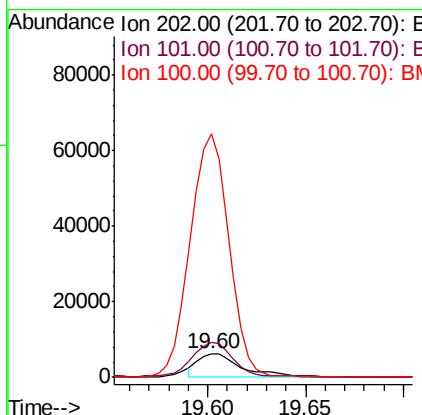
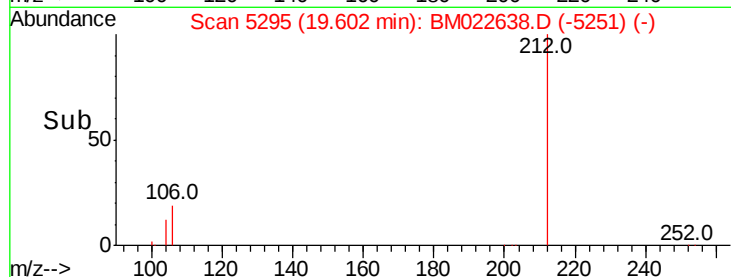
100 1015.4 8.1 12.1#



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: 0.238 ng/ul

RT: 21.55 min Scan# 5964

Delta R.T. 0.18 min

Lab File: BM022638.D

Acq: 11 Sep 2019 02:53

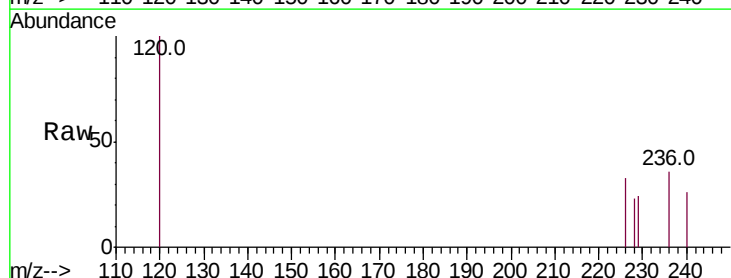
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

228 100

229 107.7 15.6 23.4#

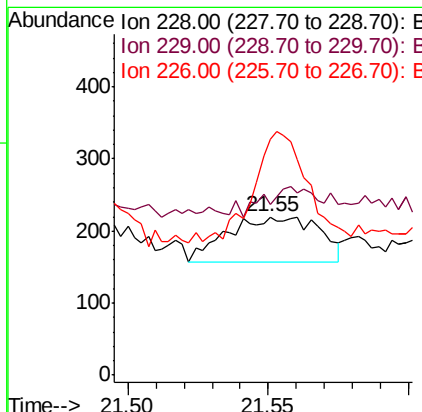
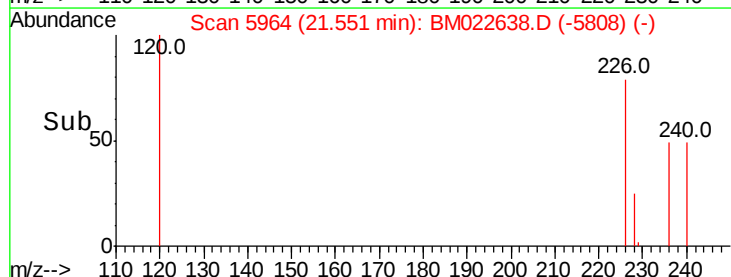
226 148.6 22.0 33.0#

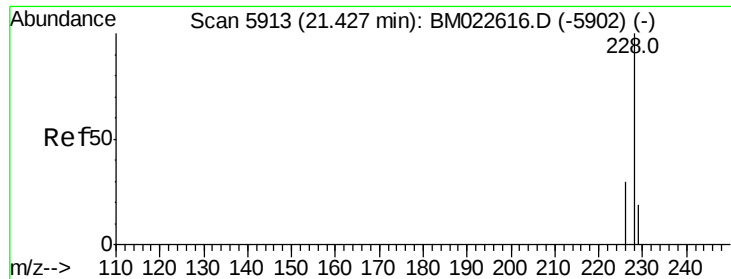


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrvsene

Concen: 0.048 ng/ul

RT: 21.62 min Scan# 5991

Delta R.T. 0.19 min

Lab File: BM022638.D

Acq: 11 Sep 2019 02:53

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 30

Ion Ratio Lower Upper

228 100

226 101.5 23.8 35.8#

229 122.1 15.5 23.3#

