

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122416\  
 Data File : BM008664.D  
 Acq On : 25 Dec 2016 10:46  
 Operator : UM/SJ  
 Sample : H6040-12DL 5X  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8W5DL

Quant Time: Dec 26 03:28:43 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 03:21:10 2016  
 Response via : Initial Calibration

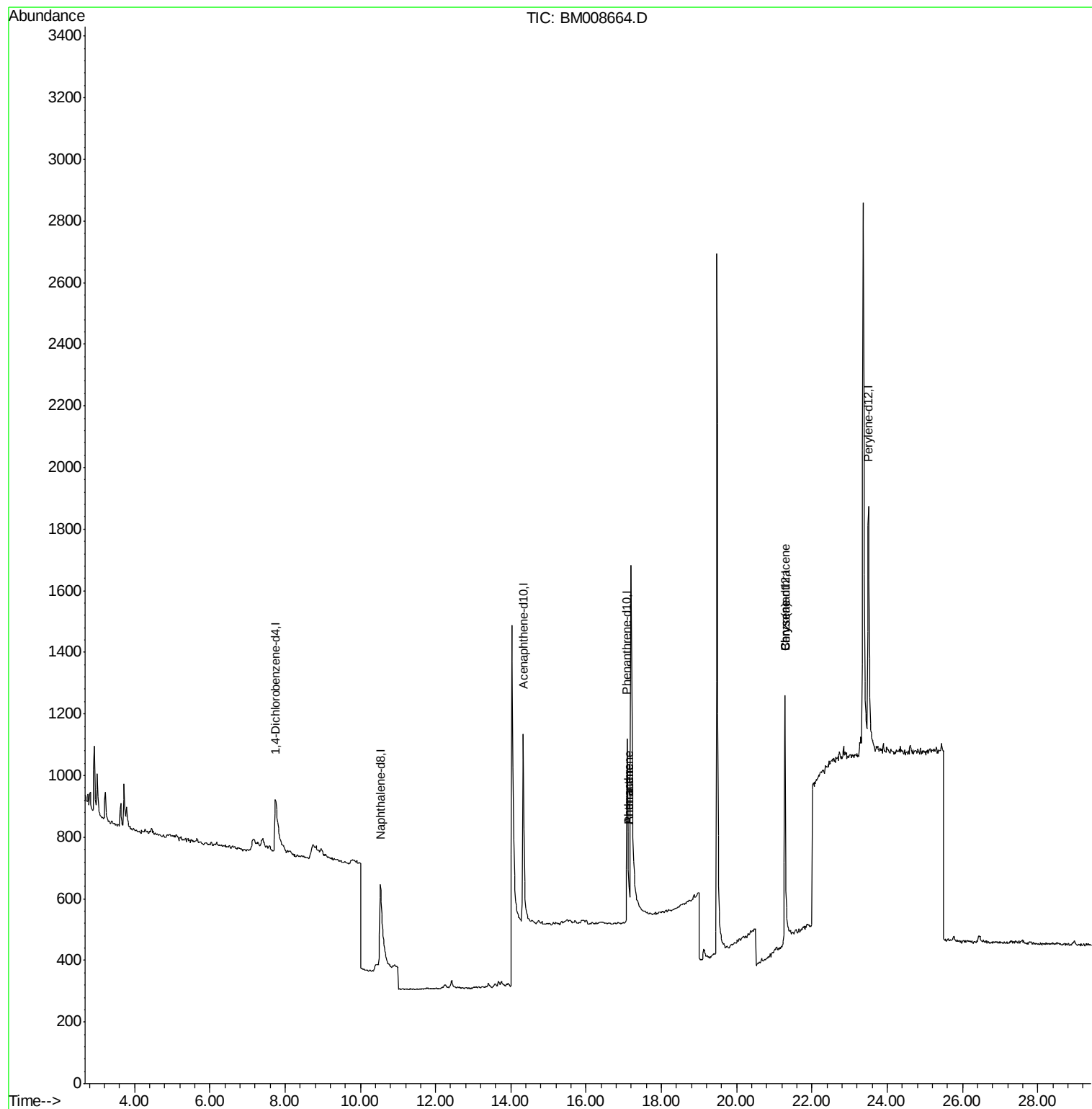
| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 341      | 0.40 | ng/ul  | -0.03    |
| 2) Naphthalene-d8           | 10.54 | 136  | 923      | 0.40 | ng/ul  | 0.02     |
| 6) Acenaphthene-d10         | 14.33 | 164  | 692      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.09 | 188  | 1151     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 1315     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 1414     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.17 | 152  | 12       | 0.01 | ng/ul  | 0.05     |
| 14) Fluoranthene-d10        | 19.12 | 212  | 62       | 0.02 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 12) Phenanthrene            | 17.12 | 178  | 126      | 0.04 | ng/ul# | 1        |
| 13) Anthracene              | 17.12 | 178  | 128      | 0.04 | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.28 | 228  | 163      | 0.04 | ng/ul# | 1        |
| 19) Chrysene                | 21.28 | 228  | 178      | 0.04 | ng/ul# | 1        |

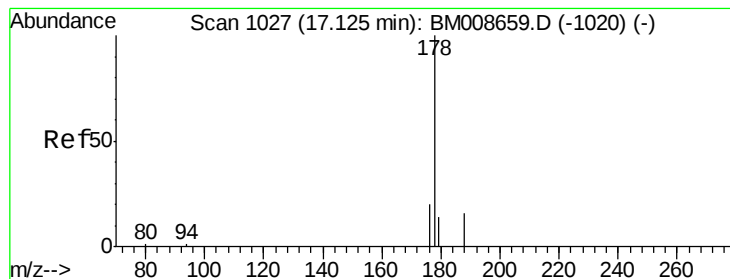
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BM008664.D

Acq: 25 Dec 2016 10:46

Instrument :

BNA\_M

ClientSampleId :

DA8W5DL

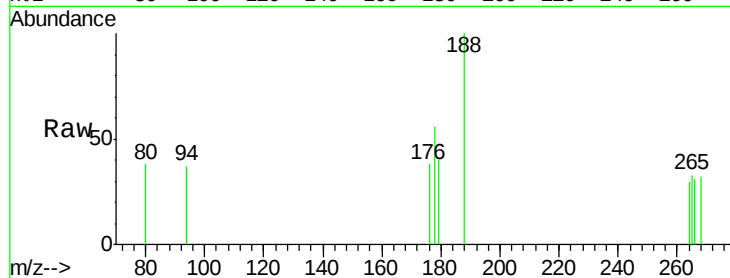
Tgt Ion:178 Resp: 126

Ion Ratio Lower Upper

178 100

176 68.5 18.4 27.6#

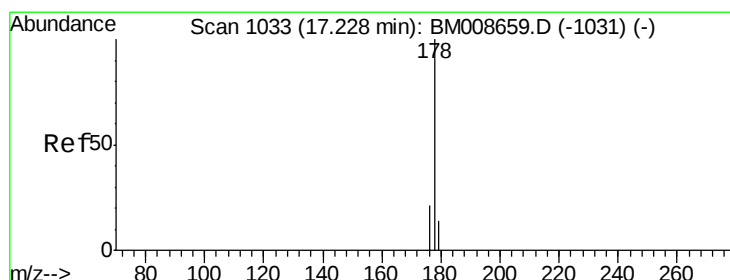
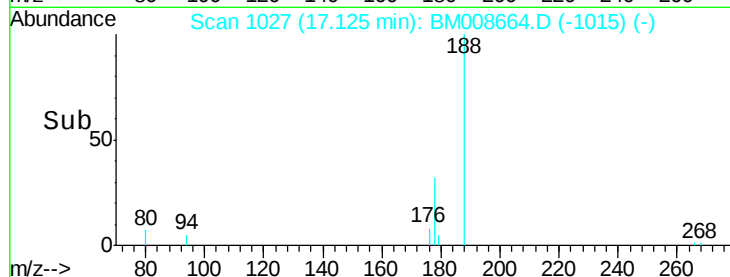
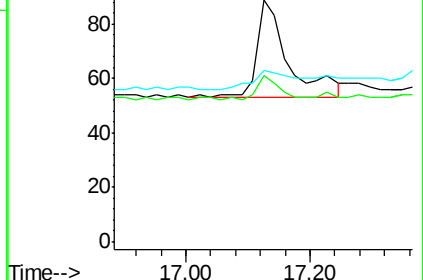
179 70.8 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.10 min

Lab File: BM008664.D

Acq: 25 Dec 2016 10:46

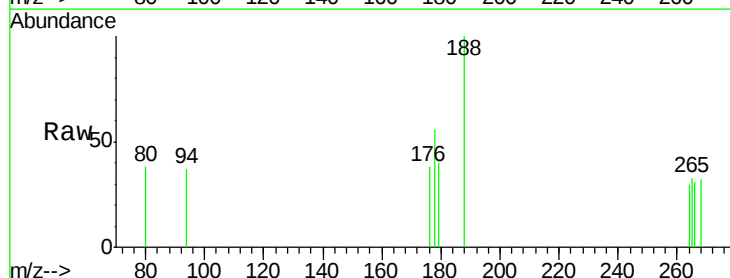
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

178 100

176 68.5 18.1 27.1#

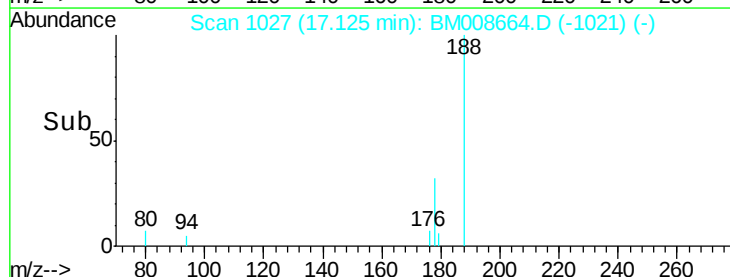
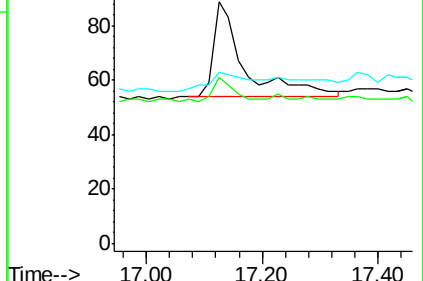
179 70.8 14.7 22.1#

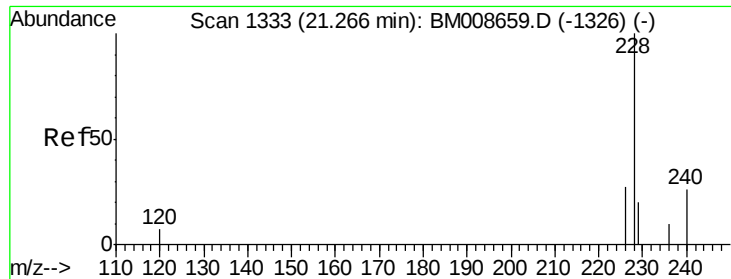


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BM008664.D

Acq: 25 Dec 2016 10:46

Instrument :

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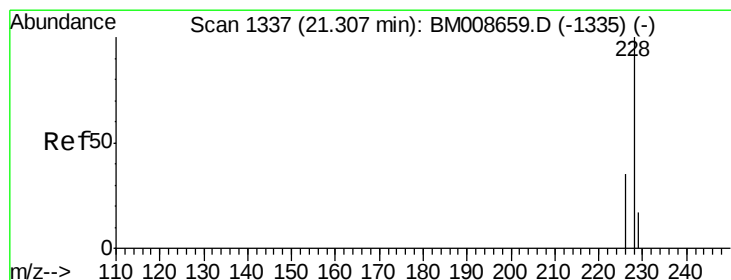
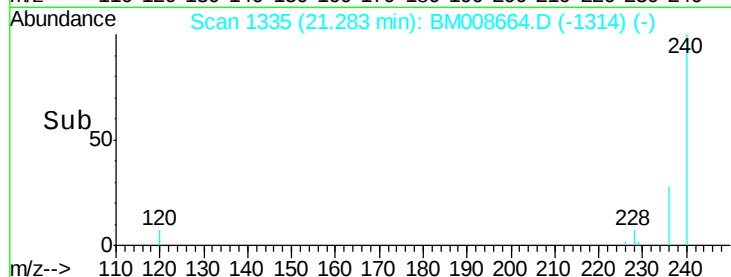
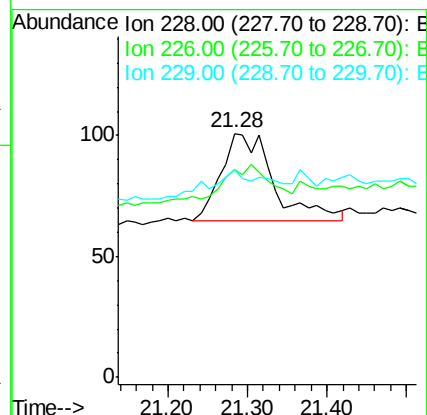
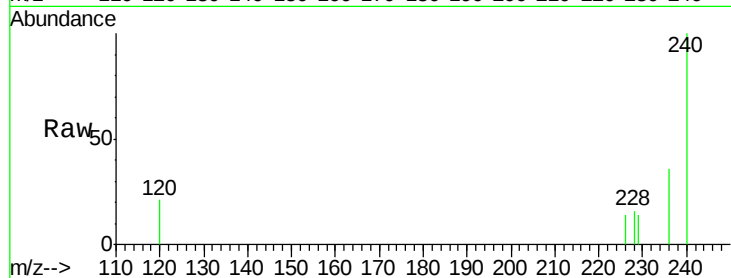
Tgt Ion:228 Resp: 163

Ion Ratio Lower Upper

228 100

226 85.1 22.8 34.2#

229 85.1 17.0 25.6#



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008664.D

Acq: 25 Dec 2016 10:46

Tgt Ion:228 Resp: 178

Ion Ratio Lower Upper

228 100

226 85.1 23.4 35.0#

229 85.1 17.7 26.5#

