

Data File : BM010415.D  
Acq On : 05 Jun 2017 09:20  
Operator : SJ/MA  
Sample : I3164-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JHSG6

Manual Integrations  
APPROVED

mohammad  
6/6/2017 12:24:18 PM

Quant Time: Jun 05 18:54:51 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM053017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 05 04:03:07 2017  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 712      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.72 | 136  | 2219     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.55 | 164  | 1216     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.30 | 188  | 2532     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.46 | 240  | 2523     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.81 | 264  | 2605m    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 575      | 0.18 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.31 | 212  | 1350     | 0.20 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 12) Phenanthrene            | 17.33 | 178  | 470      | 0.06 | ng/ul# | 70       |
| 15) Fluoranthene            | 19.35 | 202  | 597      | 0.06 | ng/ul# | 57       |

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

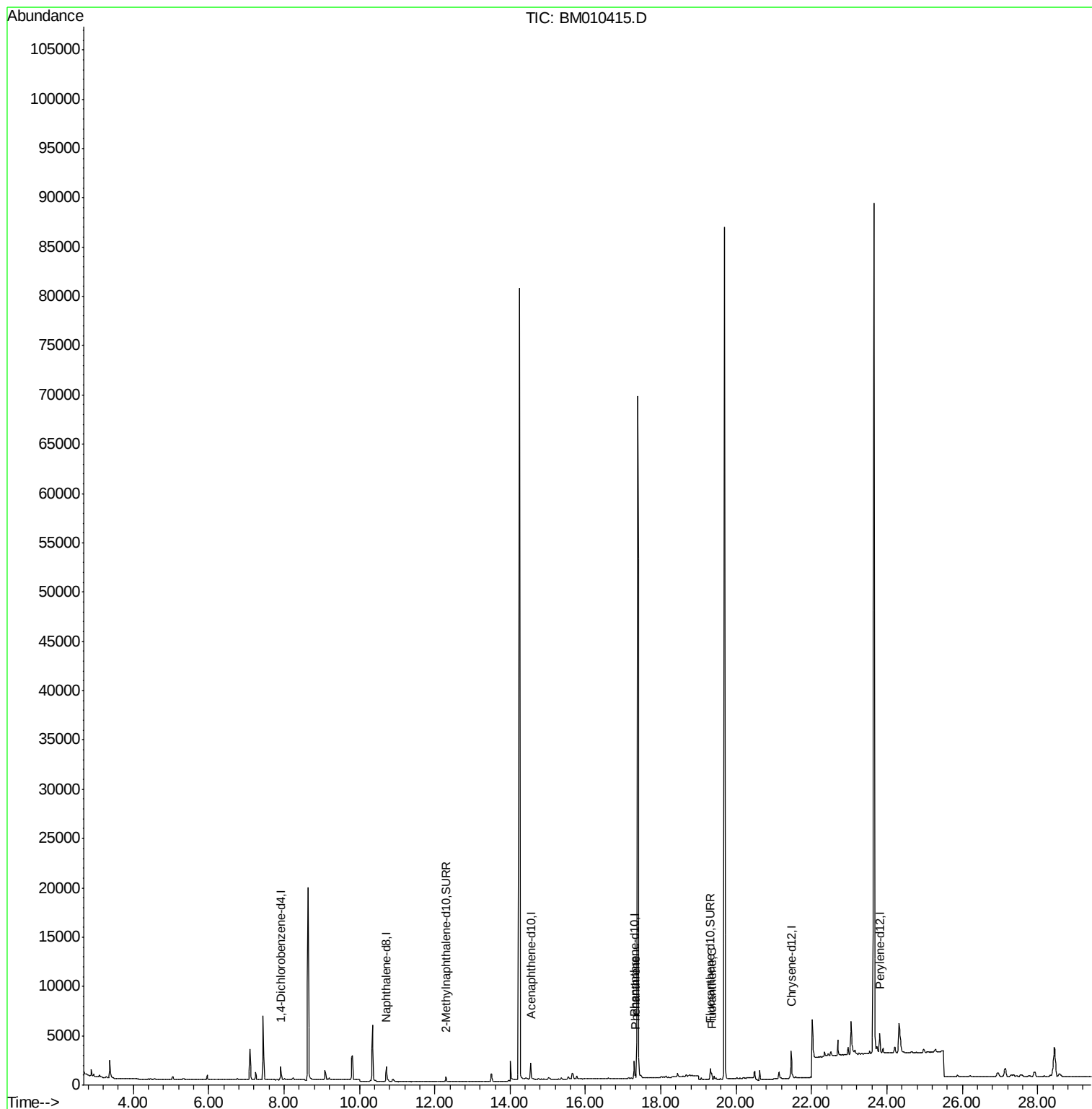
Data File : BM010415.D  
Acq On : 05 Jun 2017 09:20  
Operator : SJ/MA  
Sample : I3164-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

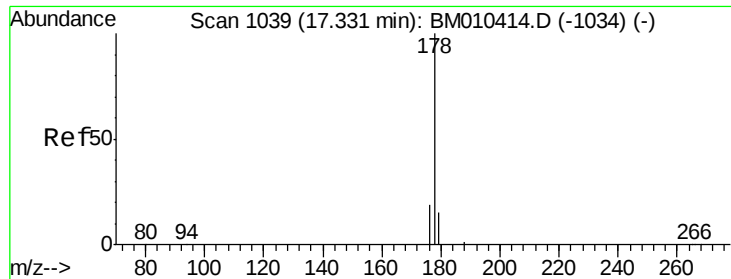
Instrument :  
BNA\_M  
ClientSampleId :  
JHSG6

Manual Integrations  
APPROVED

mohammad  
6/6/2017 12:24:18 PM

Quant Time: Jun 05 18:54:51 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM053017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 05 04:03:07 2017  
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM010415.D

Acq: 05 Jun 2017 09:20

Instrument :

BNA\_M

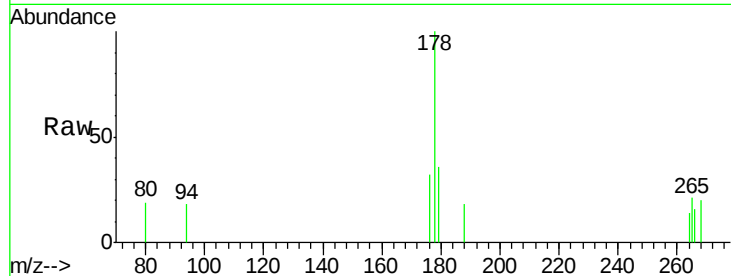
ClientSampled :

JHSG6

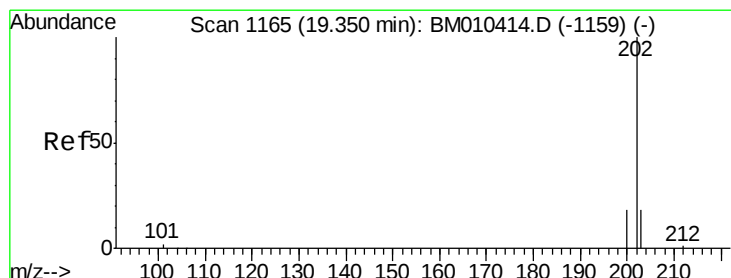
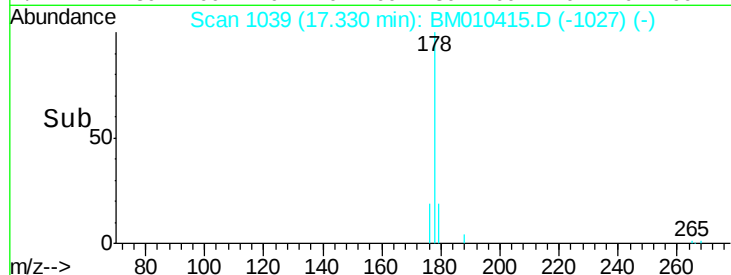
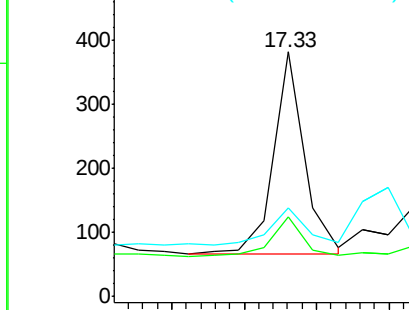
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 470   |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 32.5  | 18.4  | 27.6# |
| 179       | 36.1  | 13.6  | 20.4# |

Manual Integrations  
APPROVED

mohammad  
6/6/2017 12:24:18 PM



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



#15

Fluoranthene

Concen: 0.06 ng/ul

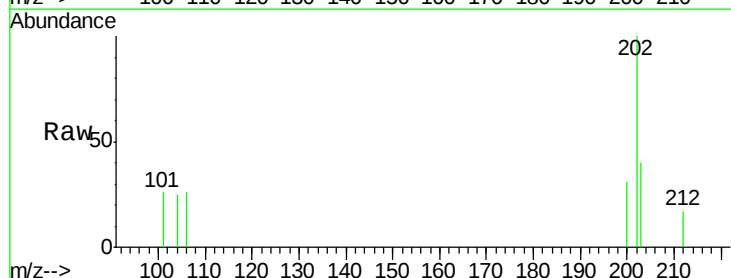
RT: 19.35 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BM010415.D

Acq: 05 Jun 2017 09:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 597   |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 25.6  | 0.0   | 30.3  |
| 203       | 39.8  | 0.0   | 39.5# |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

