

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051319\  
 Data File : BN005649.D  
 Acq On : 13 May 2019 12:46  
 Operator : JU/SJ  
 Sample : K2606-12  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A5146

Manual Integrations  
 APPROVED

mohammad  
 5/14/2019 3:48:54 AM

Quant Time: May 13 13:59:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN050719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun May 12 00:36:09 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 1009     | 0.40  | ng/ul  | -0.03    |
| 2) Naphthalene-d8           | 10.34 | 136  | 4396     | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.22 | 164  | 3006     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.98 | 188  | 7628m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.23 | 240  | 7883m    | 0.40  | ng/ul  | 0.02     |
| 20) Perylene-d12            | 23.46 | 264  | 8375m    | 0.40  | ng/ul  | 0.03     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 2515     | 0.37  | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.03 | 212  | 9593m    | 0.40  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 12) Phenanthrene            | 17.02 | 178  | 647m     | 0.031 | ng/ul  | Qvalue   |
| 23) Benzo(a)pyrene          | 23.32 | 252  | 2955     | 0.105 | ng/ul# | 61       |

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

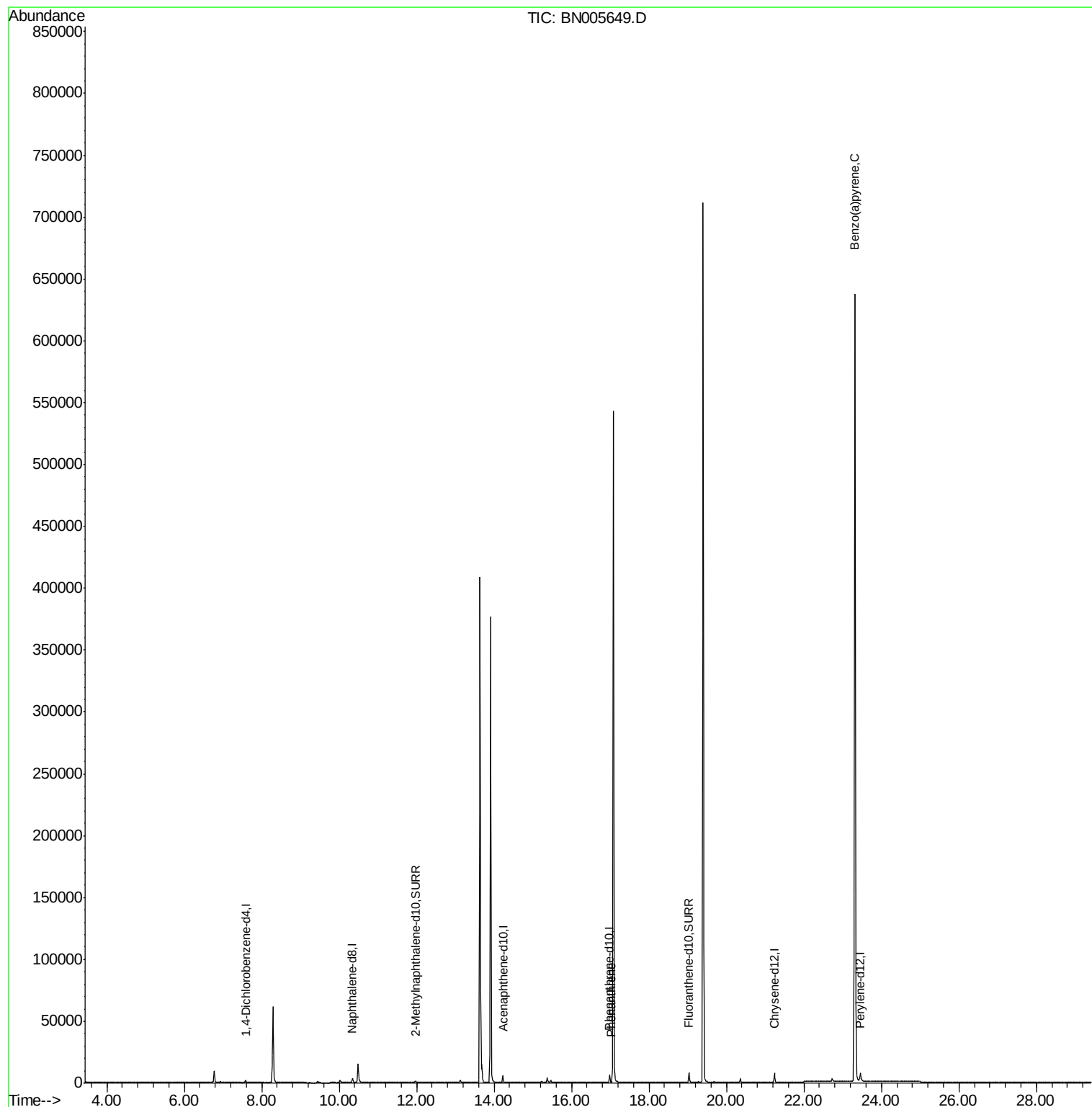
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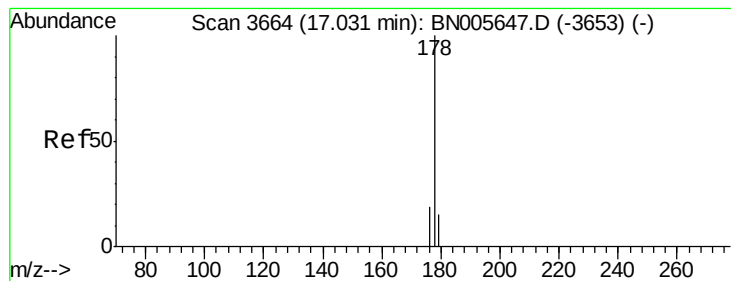
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#12

Phenanthrene

Concen: 0.031 ng/ul m

RT: 17.02 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BN005649.D

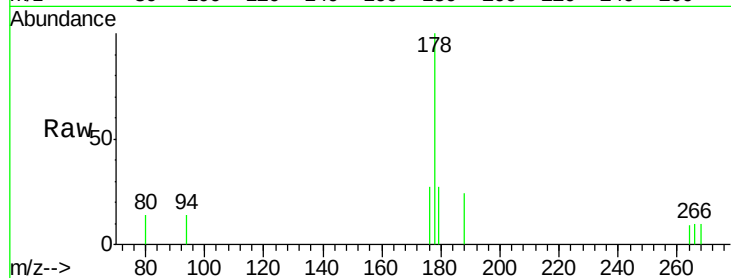
Acq: 13 May 2019 12:46

Instrument :

BNA\_N

ClientSampleId :

A5146



Tgt Ion:178 Resp: 647

Ion Ratio Lower Upper

178 100

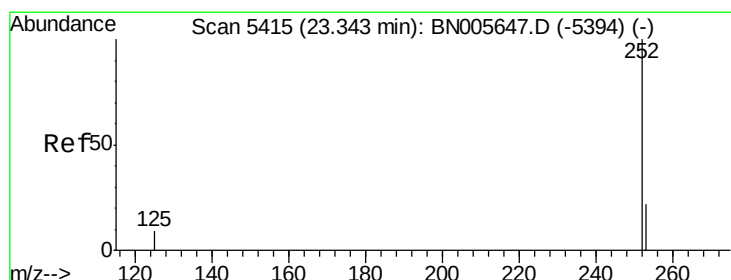
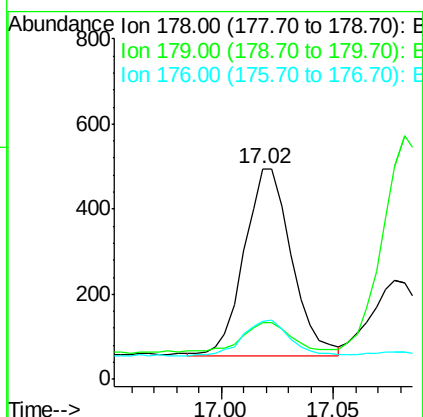
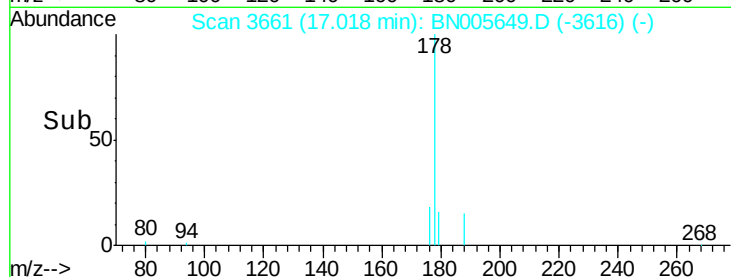
179 26.7 12.8 19.2#

176 27.5 15.3 22.9#

Manual Integrations  
APPROVED

mohammad

5/14/2019 3:48:54 AM



#23

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.32 min Scan# 5405

Delta R.T. -0.02 min

Lab File: BN005649.D

Acq: 13 May 2019 12:46

Tgt Ion:252 Resp: 2955

Ion Ratio Lower Upper

252 100

253 40.6 19.6 29.4#

125 33.7 10.1 15.1#

