

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\  
 Data File : BE097164.D  
 Acq On : 2 Aug 2018 23:14  
 Operator : SJ/JU  
 Sample : J4171-12  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JJ1K3

Manual Integrations  
 APPROVED

Sohil  
 8/3/2018 5:55:13 PM

Quant Time: Aug 03 03:36:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 02 23:40:30 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1369     | 0.40  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.13 | 136  | 6984     | 0.40  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.02 | 164  | 4353     | 0.40  | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 16.77 | 188  | 10854m   | 0.40  | ng/ul | 0.00     |
| 16) Chrysene-d12            | 20.97 | 240  | 11947m   | 0.40  | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.20 | 264  | 10471m   | 0.40  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Methylnaphthalene-d10  | 11.73 | 152  | 2838     | 0.25  | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 8777m    | 0.24  | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 12) Phenanthrene            | 16.81 | 178  | 561m     | 0.020 | ng/ul | Ovalue   |
| 15) Fluoranthene            | 18.84 | 202  | 918m     | 0.025 | ng/ul |          |

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

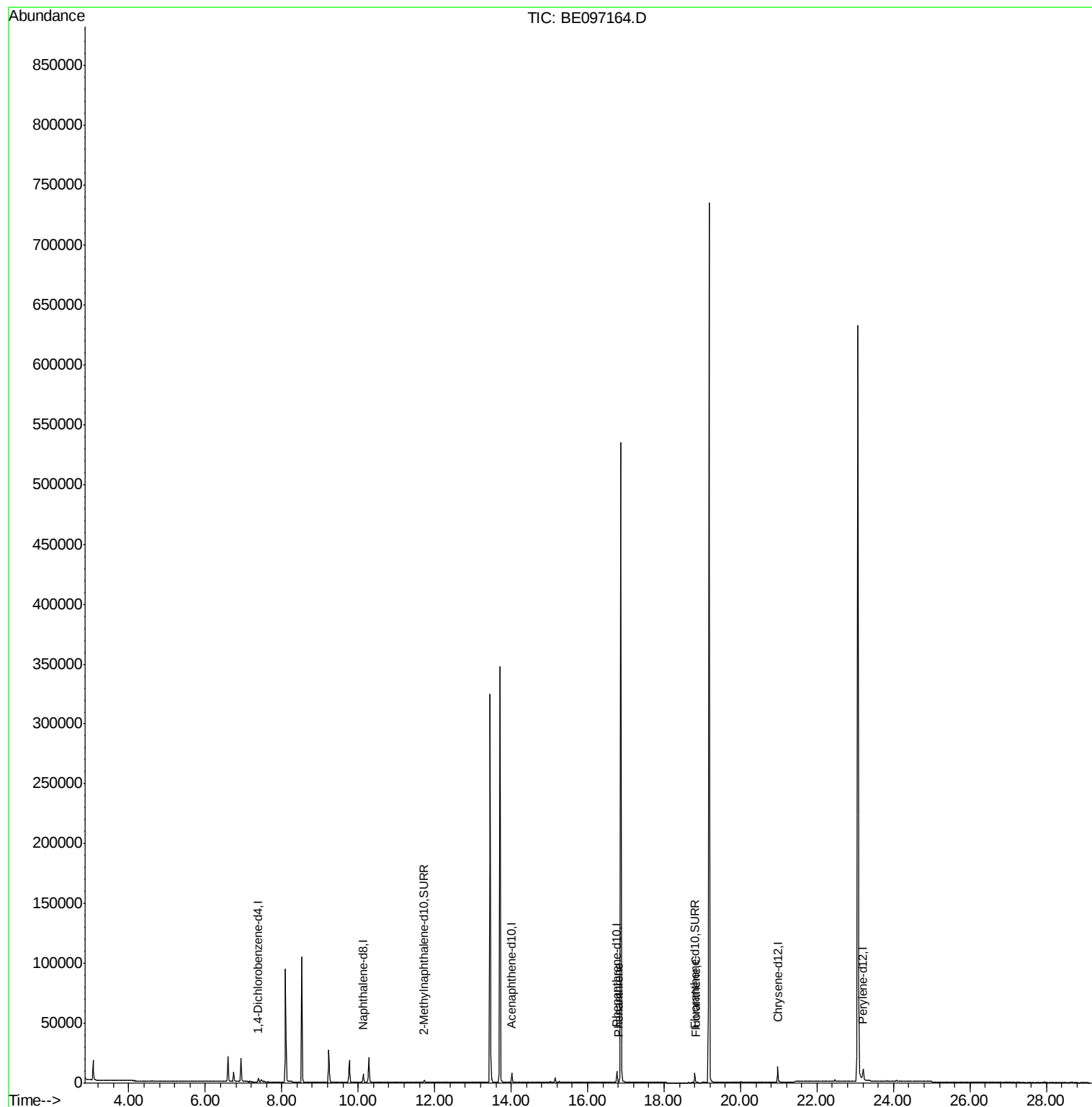
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\  
Data File : BE097164.D  
Acq On : 2 Aug 2018 23:14  
Operator : SJ/JU  
Sample : J4171-12  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

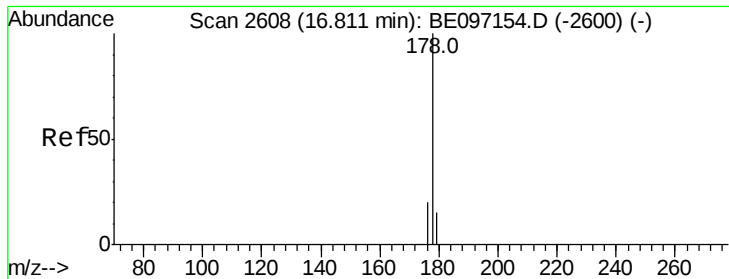
Instrument :  
BNA\_E  
ClientSampleId :  
JJ1K3

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#12

Phenanthrene

Concen: 0.020 ng/ul m

RT: 16.81 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097164.D

Acq: 2 Aug 2018 23:14

Instrument :

BNA\_E

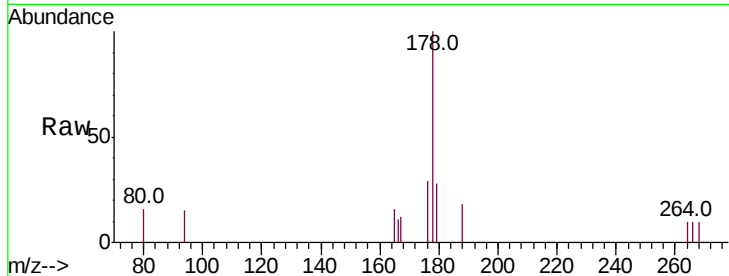
ClientSampled :

JJ1K3

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 178   | Resp: | 561   |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 27.9  | 18.4  | 27.6# |
| 176      | 28.7  | 13.6  | 20.4# |

Manual Integrations  
APPROVED

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8/3/2018 5:55:13 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

16.81

400

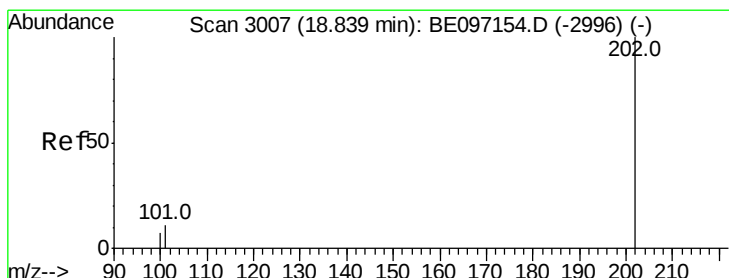
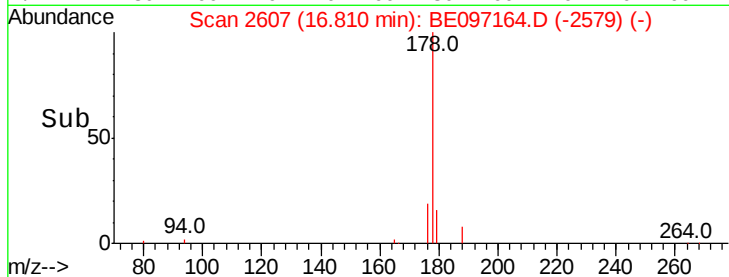
300

200

100

0

Time-->



#15

Fluoranthene

Concen: 0.025 ng/ul m

RT: 18.84 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BE097164.D

Acq: 2 Aug 2018 23:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 918   |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 16.4  | 0.0   | 30.3  |
| 100      | 15.0  | 0.0   | 39.5  |

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): BE

18.84

1000

800

600

400

200

0

Time-->

