

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\  
 Data File : BE096198.D  
 Acq On : 27 Apr 2018 2:33  
 Operator : SJ/JU  
 Sample : J2466-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AE8

Manual Integrations  
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 4/27/2018 7:29:47 PM

Quant Time: Apr 27 07:31:22 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 27 04:45:57 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 883      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.18 | 136  | 3653     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.95 | 164  | 2145     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.65 | 188  | 4922m    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.75 | 240  | 5444m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.35 | 264  | 5028     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 2238     | 0.33   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 6029m    | 0.27   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 12) Phenanthrene            | 17.70 | 178  | 1114m    | 0.077  | ng/ul  |          |
| 15) Fluoranthene            | 19.67 | 202  | 1643m    | 0.074  | ng/ul  |          |
| 17) Pyrene                  | 20.02 | 202  | 1404     | 0.129  | ng/ul# | 92       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 642      | 0.039  | ng/ul# | 82       |
| 19) Chrysene                | 21.79 | 228  | 813      | 0.054  | ng/ul# | 81       |

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

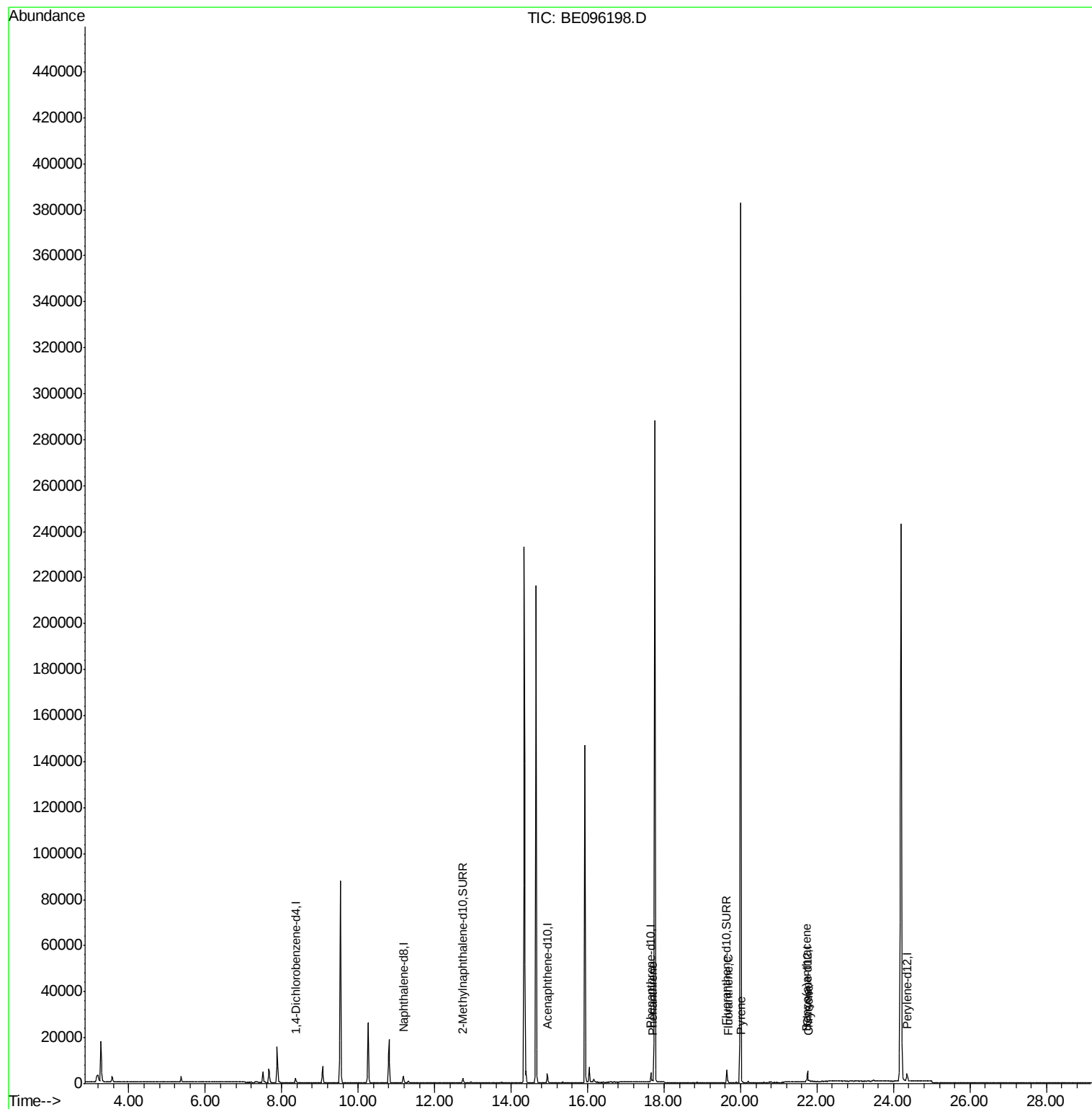
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\  
Data File : BE096198.D  
Acq On : 27 Apr 2018 2:33  
Operator : SJ/JU  
Sample : J2466-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

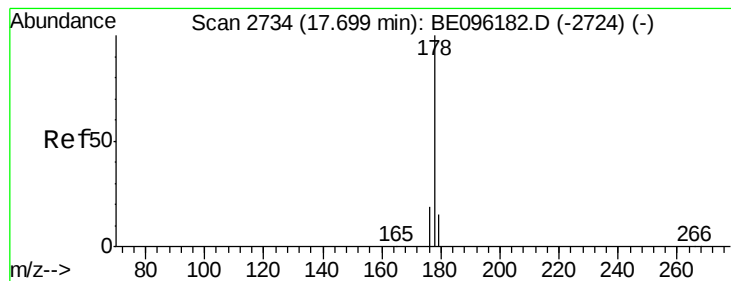
Instrument :  
BNA\_E  
ClientSampleId :  
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QLast Update : Fri Apr 27 04:45:57 2018  
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.077 ng/ul m

RT: 17.70 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE096198.D

Acq: 27 Apr 2018 2:33

Instrument :

BNA\_E

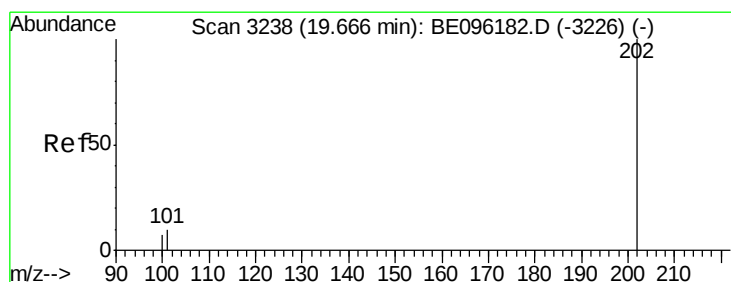
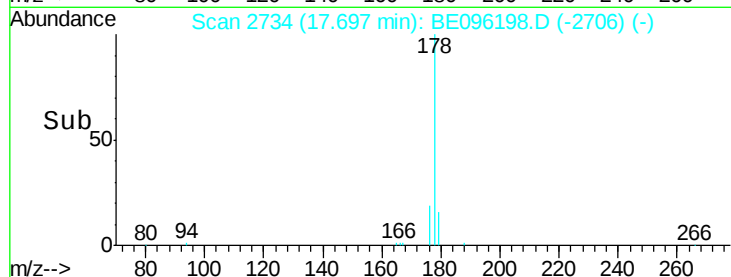
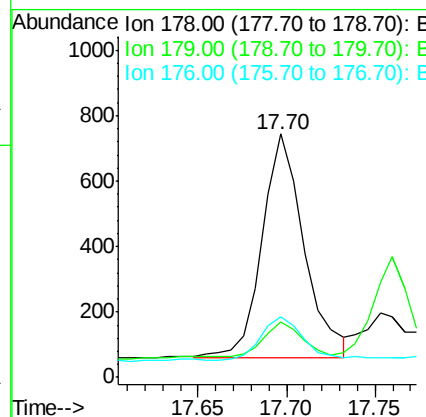
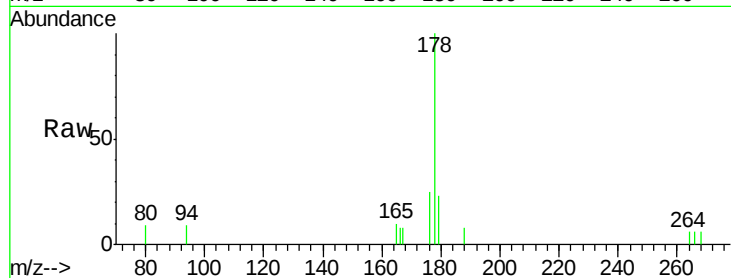
ClientSampled :

C0AE8

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 178   | Resp: | 1114  |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 23.0  | 18.4  | 27.6  |
| 176       | 24.7  | 13.6  | 20.4# |

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#15

Fluoranthene

Concen: 0.074 ng/ul m

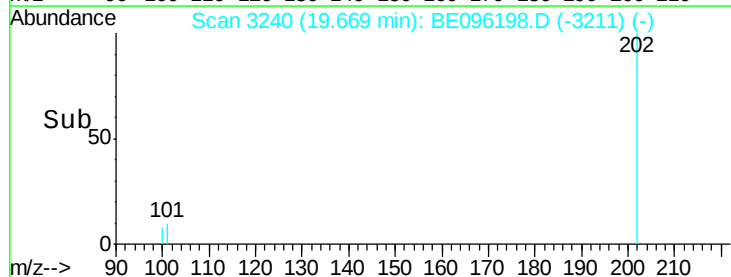
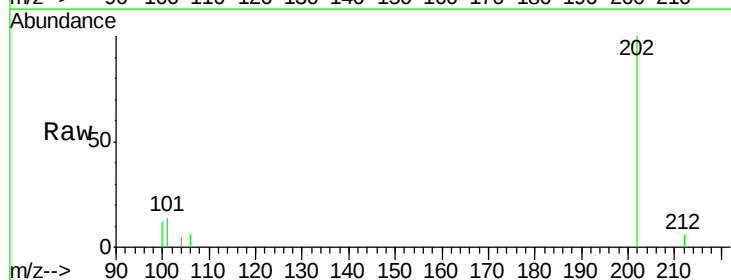
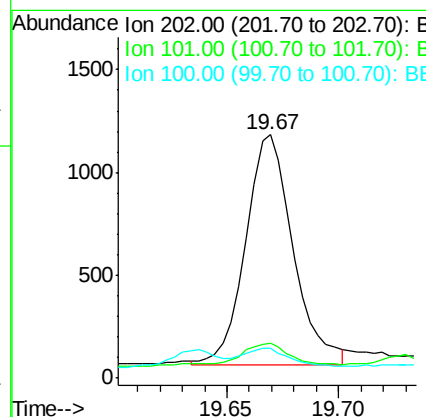
RT: 19.67 min Scan# 3240

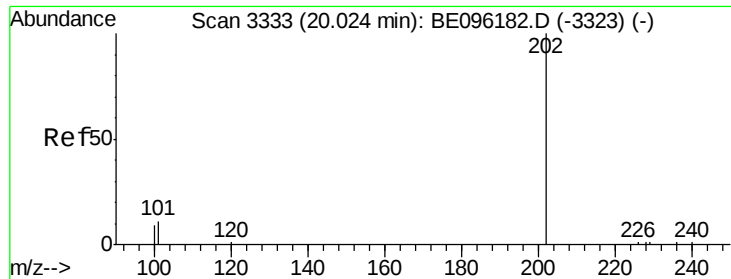
Delta R.T. 0.00 min

Lab File: BE096198.D

Acq: 27 Apr 2018 2:33

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 1643 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 14.2  | 0.0   | 30.3 |
| 100       | 12.0  | 0.0   | 39.5 |





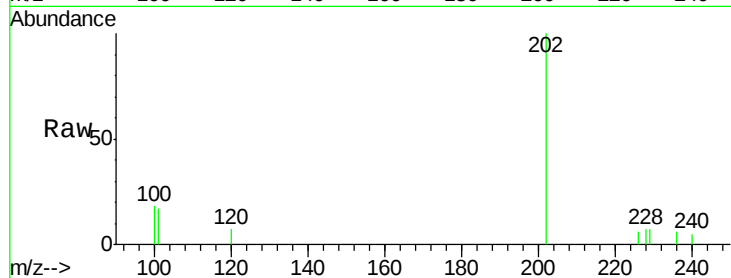
#17  
 Pvrene  
 Concen: 0.129 ng/ul  
 RT: 20.02 min Scan# 3334  
 Delta R.T. -0.00 min  
 Lab File: BE096198.D  
 Acq: 27 Apr 2018 2:33

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AE8

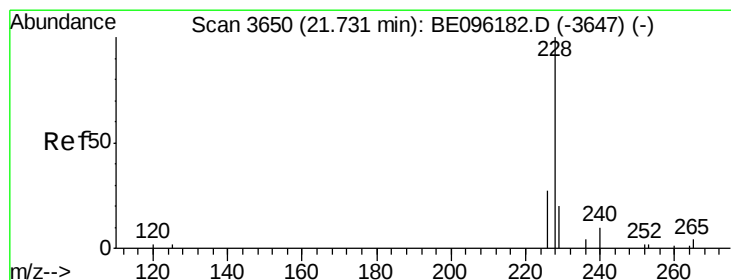
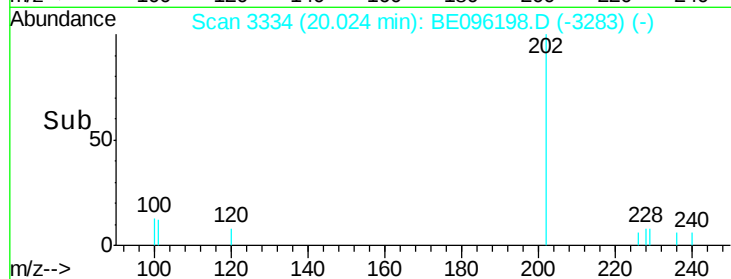
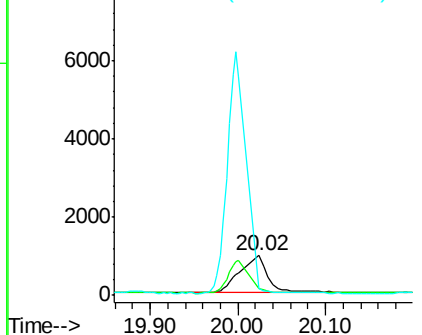
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 17.2  | 18.2  | 27.4# |
| 100     | 17.9  | 15.6  | 23.4  |

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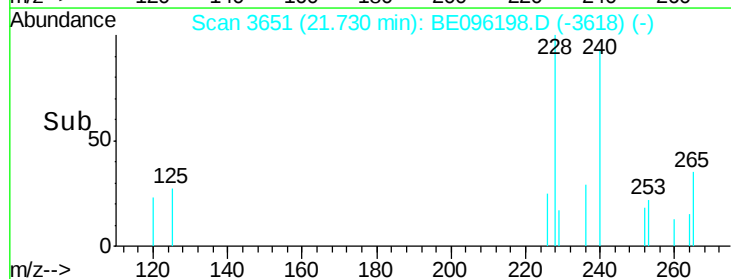
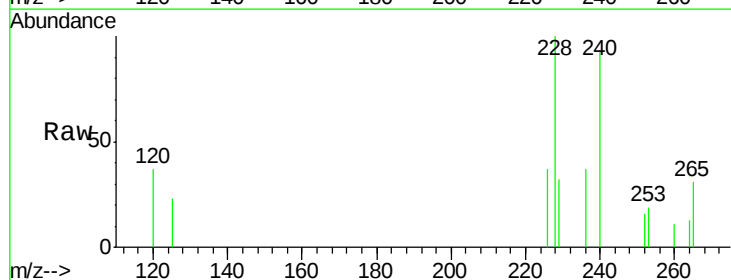
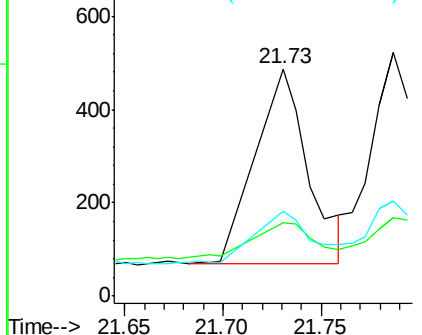
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): E

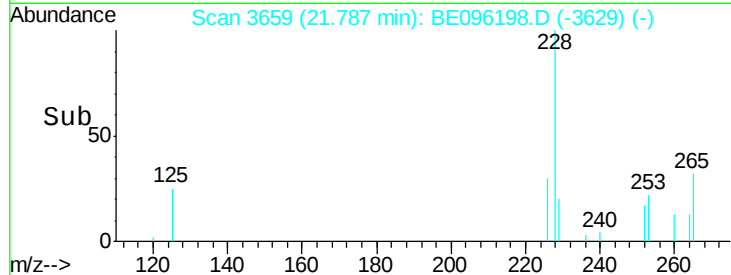
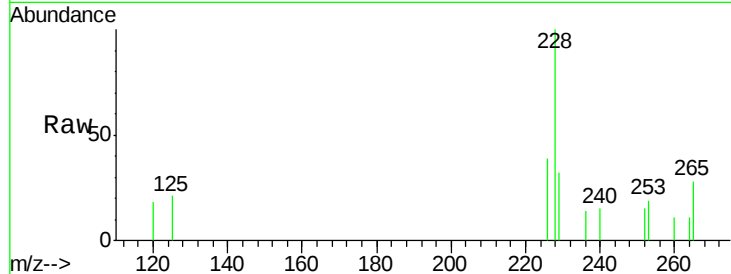
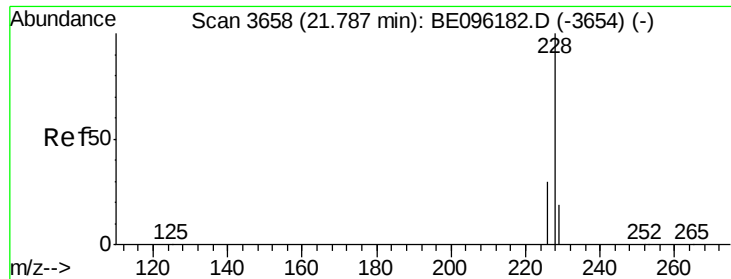


#18  
 Benzo(a)anthracene  
 Concen: 0.039 ng/ul  
 RT: 21.73 min Scan# 3651  
 Delta R.T. -0.00 min  
 Lab File: BE096198.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 32.2  | 22.8  | 34.2  |
| 226     | 37.1  | 17.0  | 25.6# |

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

Chrysene

Concen: 0.054 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096198.D

Acq: 27 Apr 2018 2:33

Instrument :

BNA\_E

ClientSampleId :

C0AE8

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 228   | Resp: | 813   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 39.1  | 23.4  | 35.0# |
| 229       | 32.0  | 17.7  | 26.5# |

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