

## Quantitation Report (QT Reviewed)

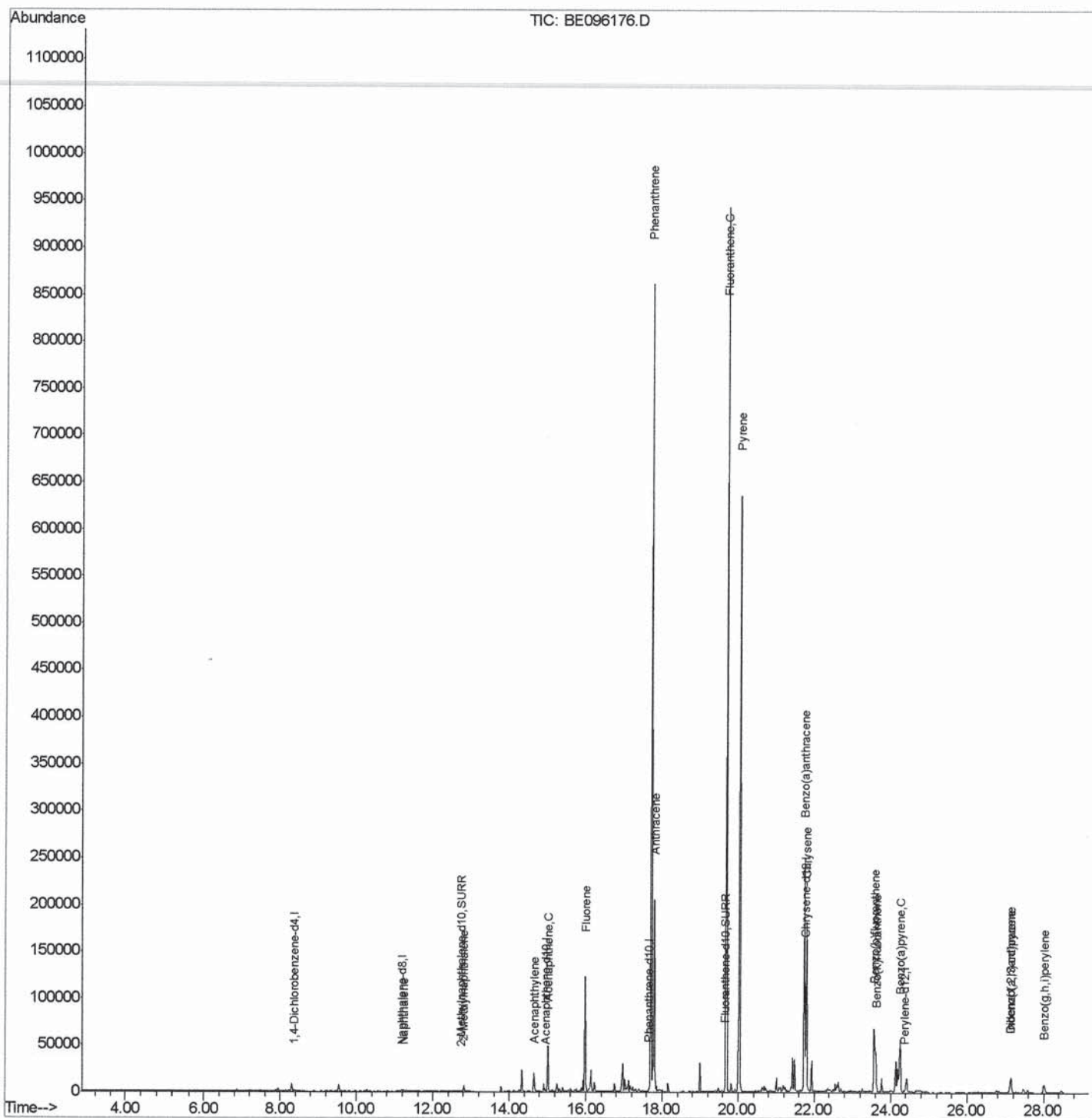
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\  
Data File : BE096176.D  
Acq On : 26 Apr 2018 12:10  
Operator : SJ/JU  
Sample : J2431-13DL 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DASP4DL

Manual Integrations  
APPROVED

Sohil  
4/27/2018 7:28:42 PM

Quant Time: Apr 27 02:49:58 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 02:29:47 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

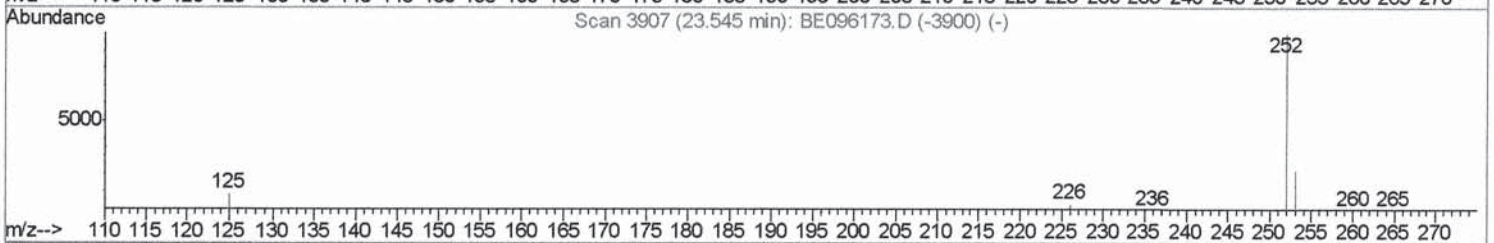
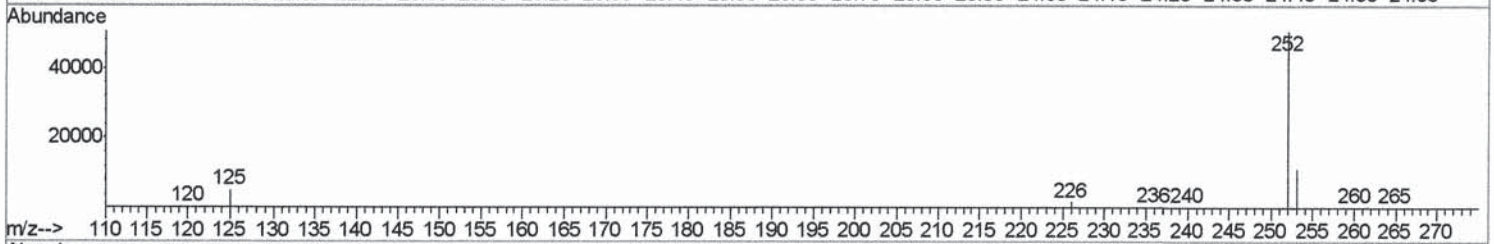
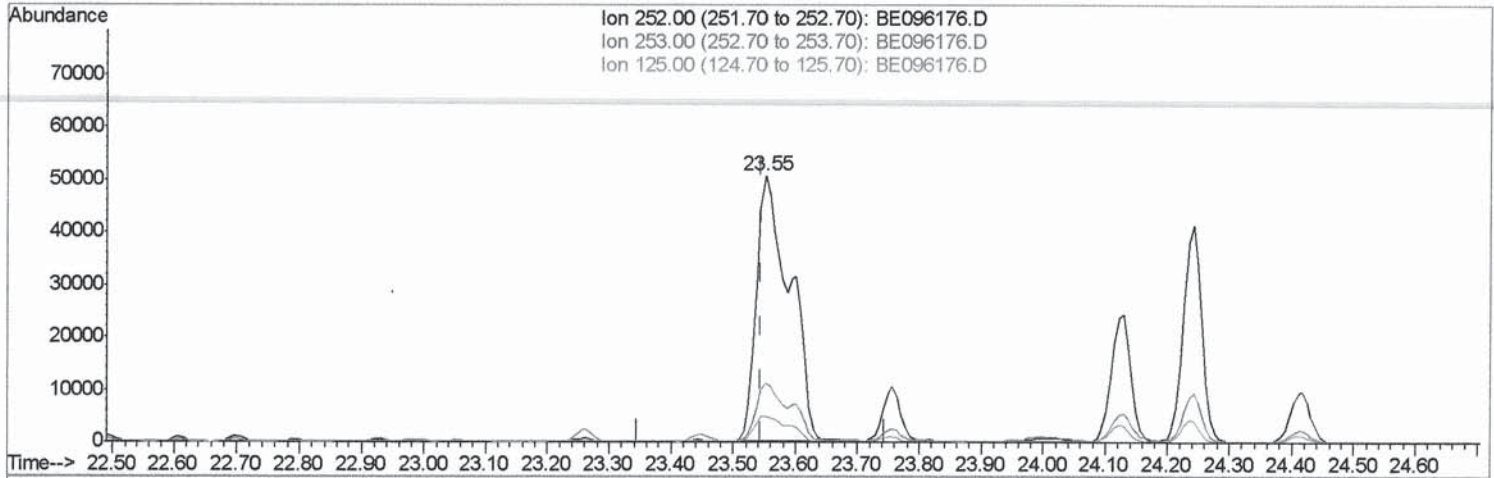
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TIC: BE096176.D

(21) Benzo(b)fluoranthene

23.552min (+0.006) 12.61ng/ul

response 187441

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.28 |
| 125.00 | 17.50 | 9.85  |
| 0.00   | 0.00  | 0.00  |

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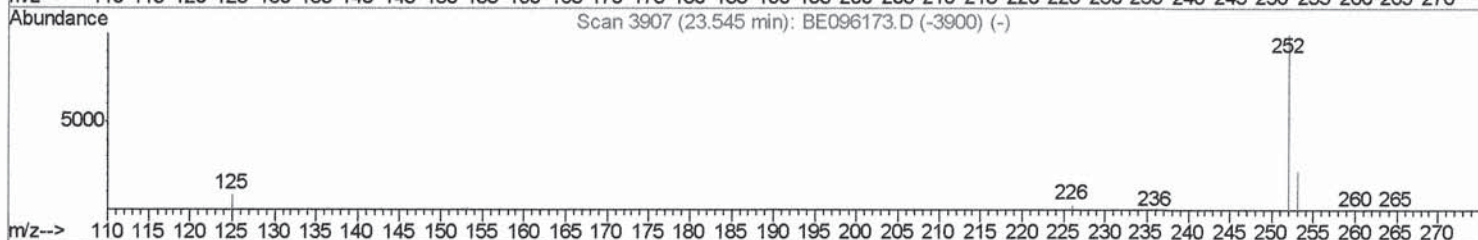
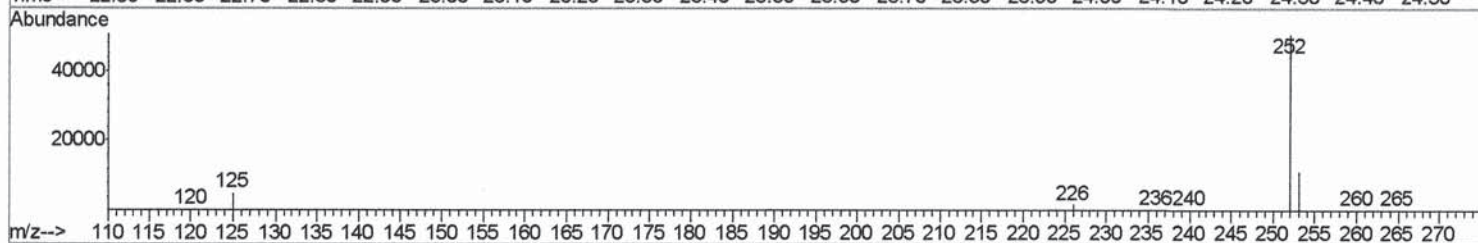
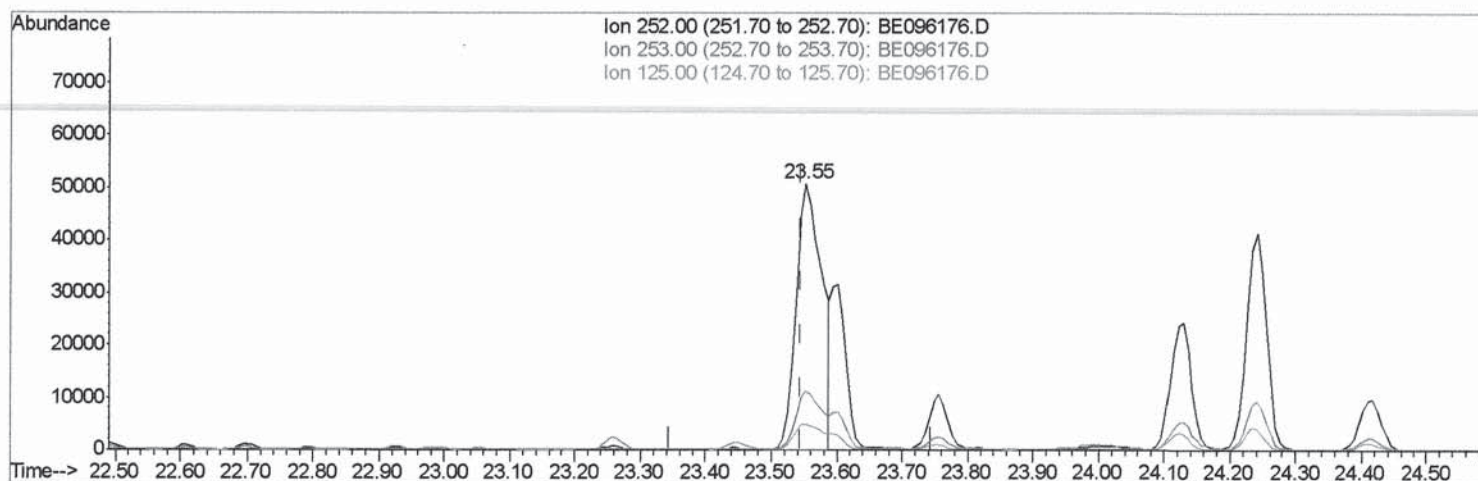
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ClientSampled :  
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TIC: BE096176.D

(21) Benzo(b)fluoranthene

23.552min (+0.006) 9.43ng/ul m &gt; SJ 5/1/18

response 140231

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.28 |
| 125.00 | 17.50 | 9.85  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

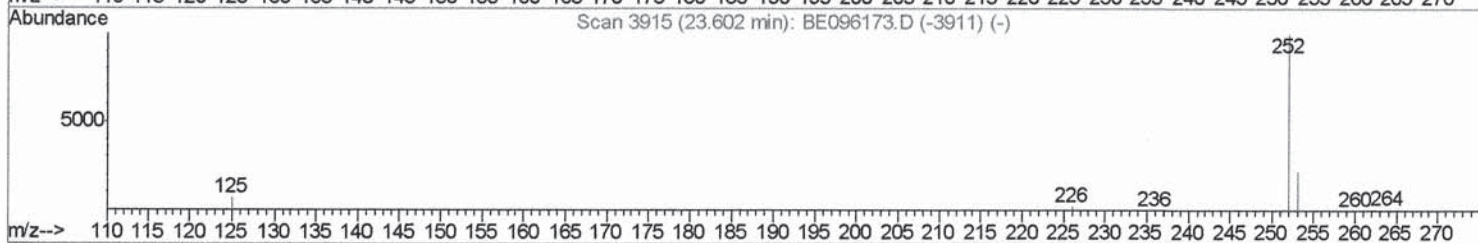
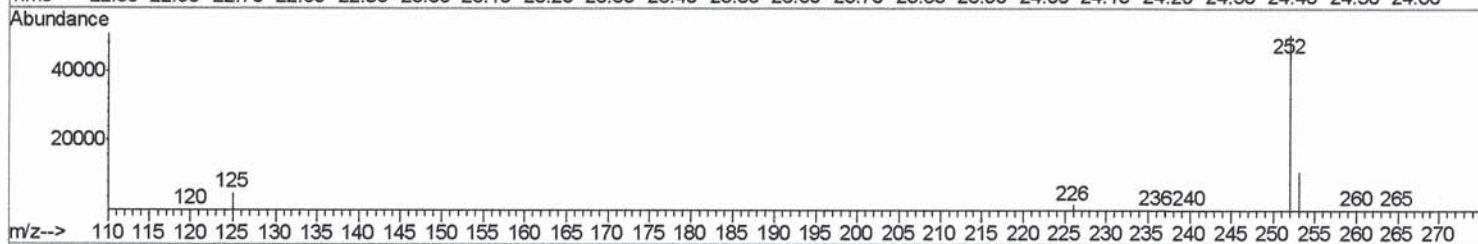
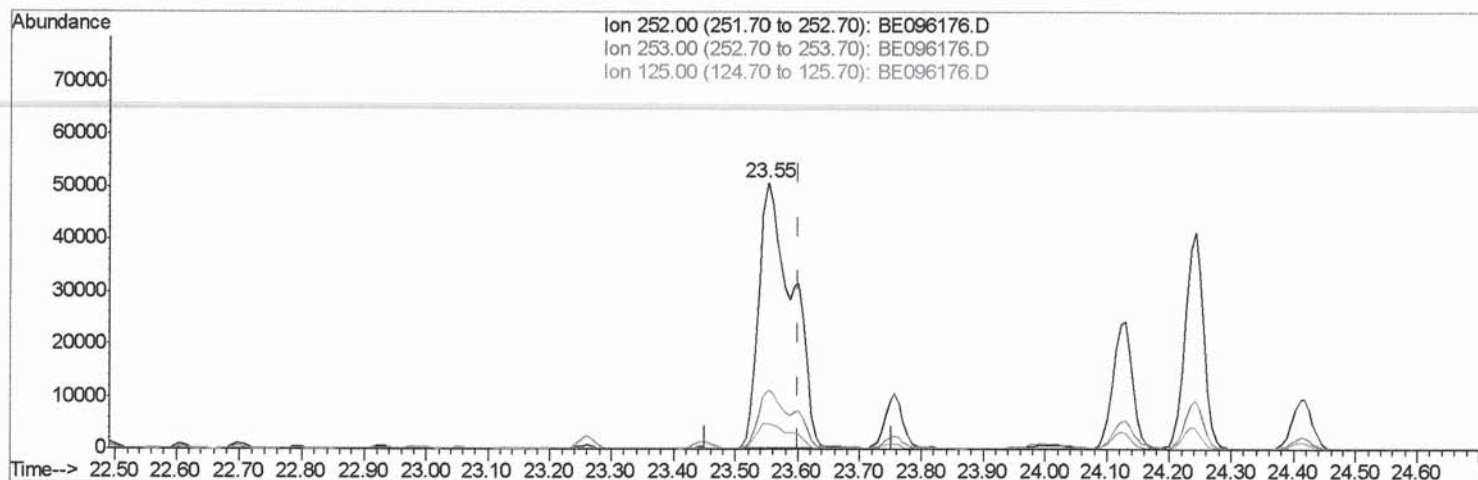
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(22) Benzo(k)fluoranthene

23.552min (-0.050) 13.19ng/ul

response 187441

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.28# |
| 125.00 | 17.10 | 9.85#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

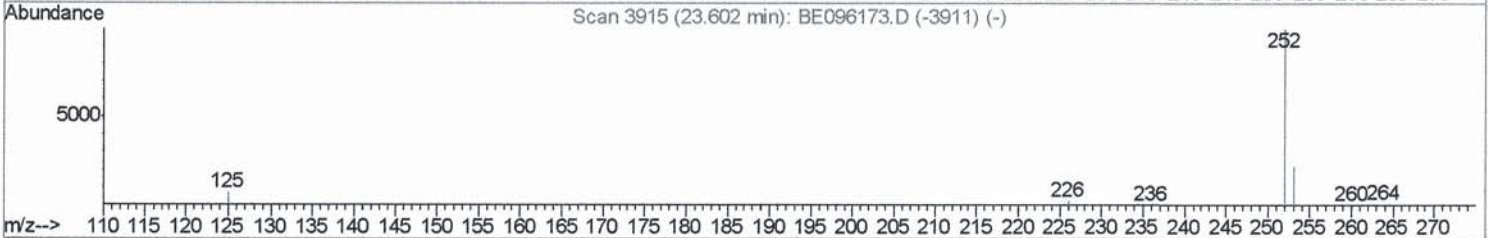
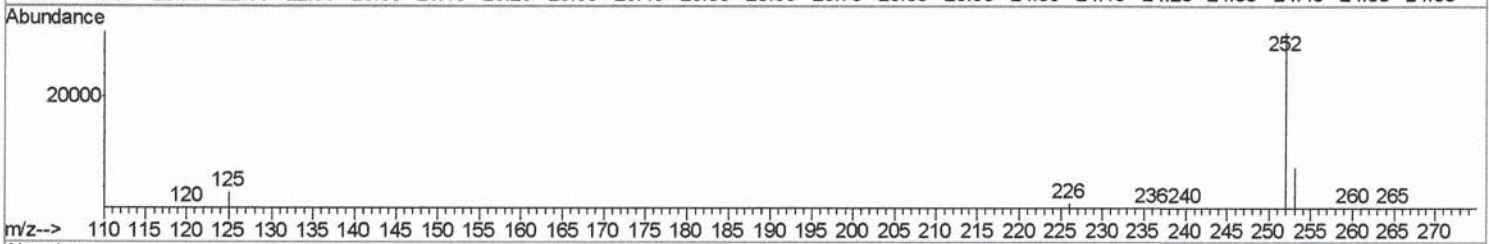
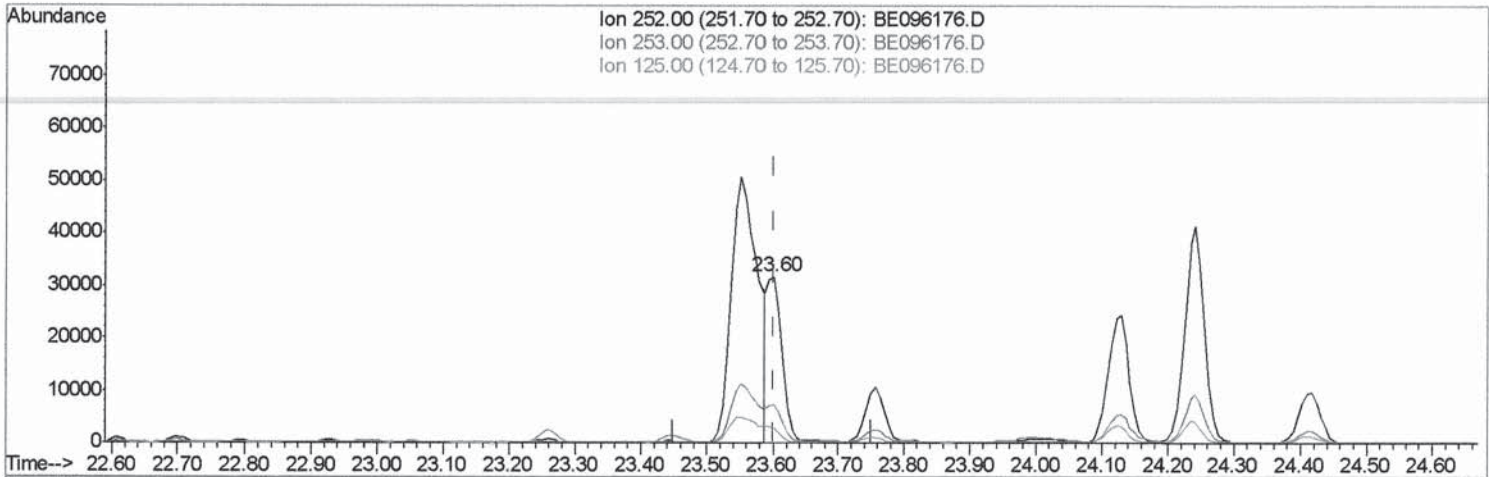
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(22) Benzo(k)fluoranthene

23.601min (-0.001) 3.36ng/ul m> SJ

5/1/18

response 47725

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.18# |
| 125.00 | 17.10 | 9.14#  |
| 0.00   | 0.00  | 0.00   |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 732      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.18 | 136  | 2837     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.95 | 164  | 1657     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.66 | 188  | 4177     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.75 | 240  | 5359     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.35 | 264  | 3927     | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |     |      |       |      |
|----------------------------|-------|-----|-----|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.74 | 152 | 214 | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.64 | 212 | 612 | 0.03 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 3) Naphthalene             | 11.23 | 128 | 3021    | 0.382  | ng/ul# | 89 |
| 5) 2-Methylnaphthalene     | 12.81 | 142 | 5023    | 0.949  | ng/ul  | 99 |
| 7) Acenaphthylene          | 14.68 | 152 | 3487    | 0.408  | ng/ul# | 94 |
| 8) Acenaphthene            | 15.01 | 153 | 28398   | 4.611  | ng/ul  | 93 |
| 9) Fluorene                | 15.98 | 166 | 83573   | 10.256 | ng/ul# | 91 |
| 12) Phenanthrene           | 17.70 | 178 | 990860  | 80.571 | ng/ul# | 87 |
| 13) Anthracene             | 17.79 | 178 | 208989  | 16.939 | ng/ul# | 90 |
| 15) Fluoranthene           | 19.68 | 202 | 1121847 | 59.679 | ng/ul  | 81 |
| 17) Pyrene                 | 20.03 | 202 | 584130  | 54.333 | ng/ul# | 76 |
| 18) Benzo(a)anthracene     | 21.73 | 228 | 260218  | 16.039 | ng/ul# | 84 |
| 19) Chrysene               | 21.79 | 228 | 181407  | 12.168 | ng/ul  | 97 |
| 21) Benzo(b)fluoranthene   | 23.55 | 252 | 140231m | 9.431  | ng/ul  |    |
| 22) Benzo(k)fluoranthene   | 23.60 | 252 | 47725m  | 3.357  | ng/ul  |    |
| 23) Benzo(a)pyrene         | 24.24 | 252 | 85445   | 6.614  | ng/ul# | 76 |
| 24) Indeno(1,2,3-cd)pyrene | 27.14 | 276 | 30834   | 1.771  | ng/ul# | 74 |
| 25) Dibenzo(a,h)anthracene | 27.14 | 278 | 8863    | 0.608  | ng/ul  | 91 |
| 26) Benzo(a,h,i)perylene   | 28.00 | 276 | 22306   | 1.472  | ng/ul# | 92 |

SJ 5/1/18

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