

Quantitation Report (QT Reviewed)

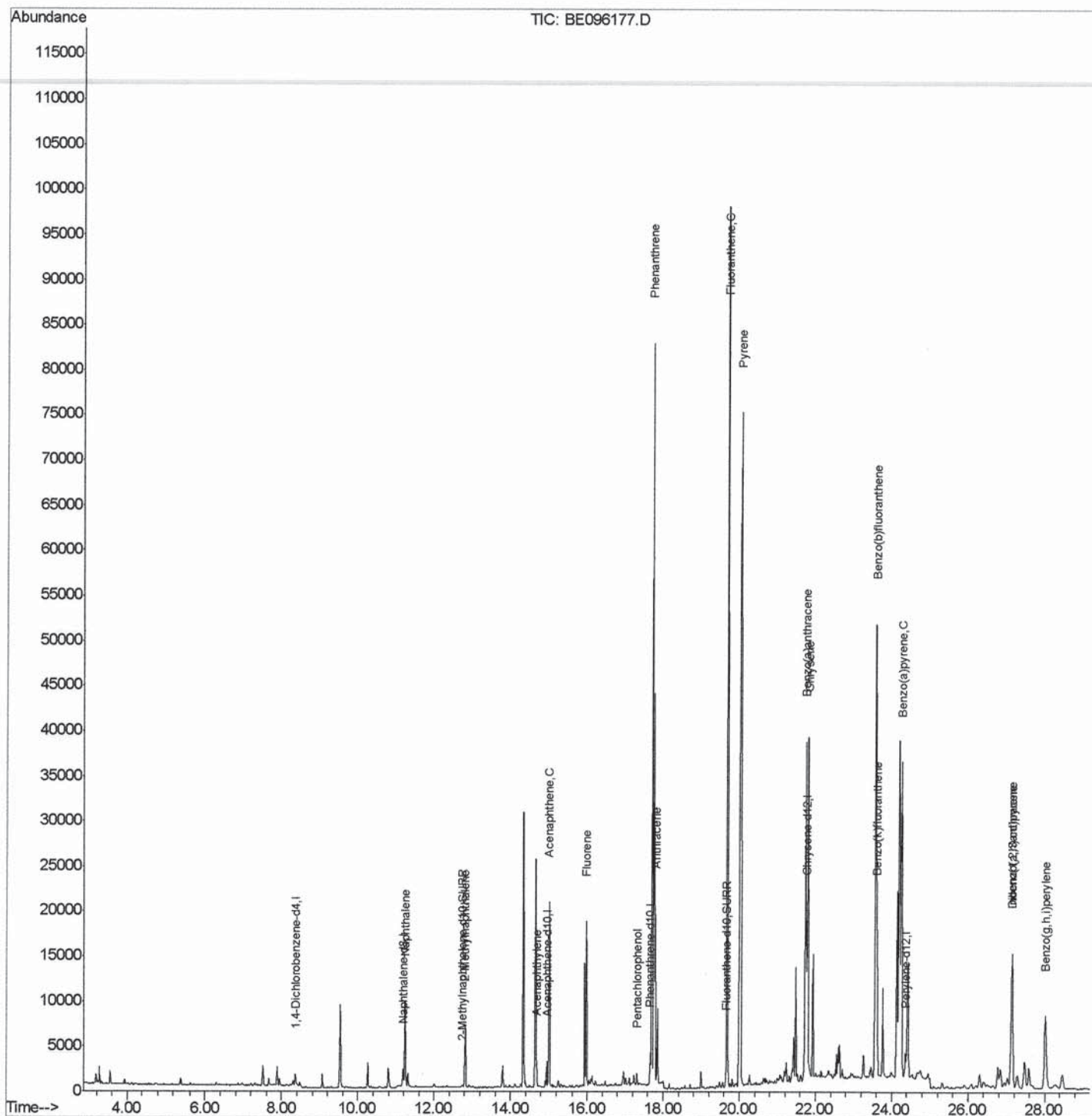
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\  
 Data File : BE096177.D  
 Acq On : 26 Apr 2018 12:46  
 Operator : SJ/JU  
 Sample : J2431-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleID :  
 DASP2DL

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:28:44 PM

Quant Time: Apr 27 02:53:52 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)

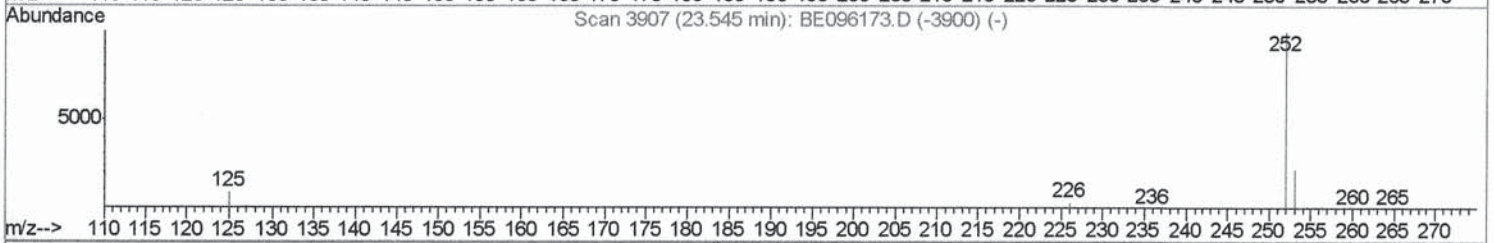
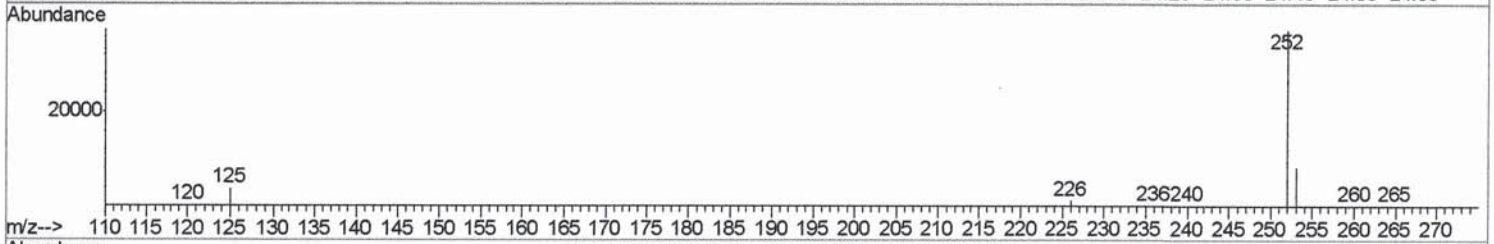
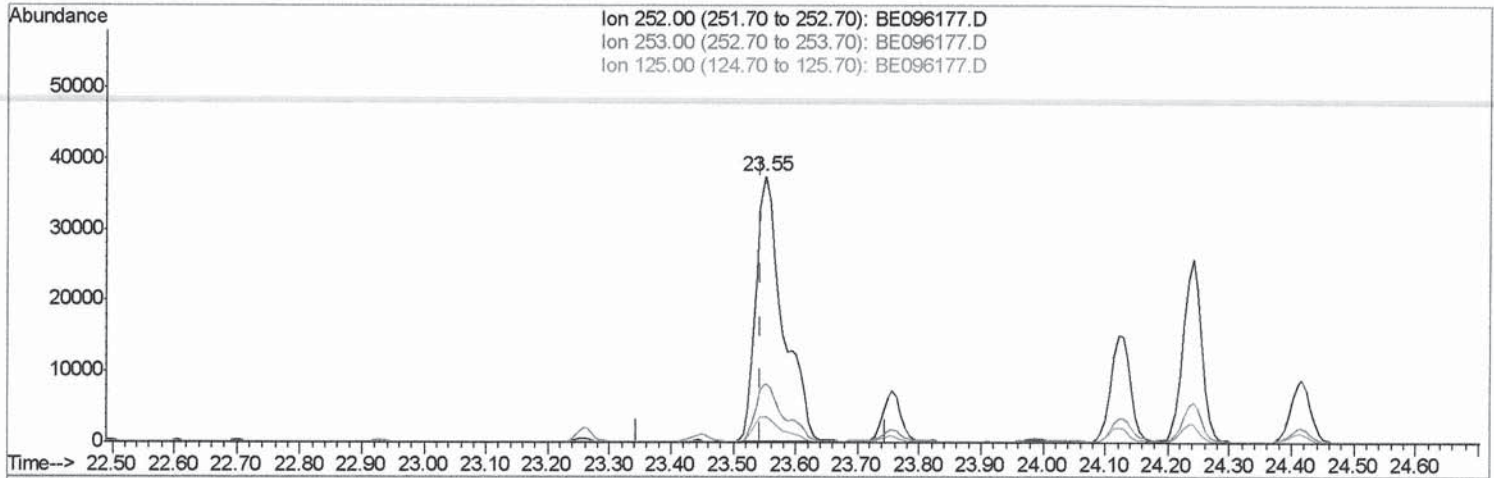
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TIC: BE096177.D

(21) Benzo(b)fluoranthene

23.551min (+0.006) 7.14ng/ul

response 111421

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.39 |
| 125.00 | 17.50 | 9.97  |
| 0.00   | 0.00  | 0.00  |

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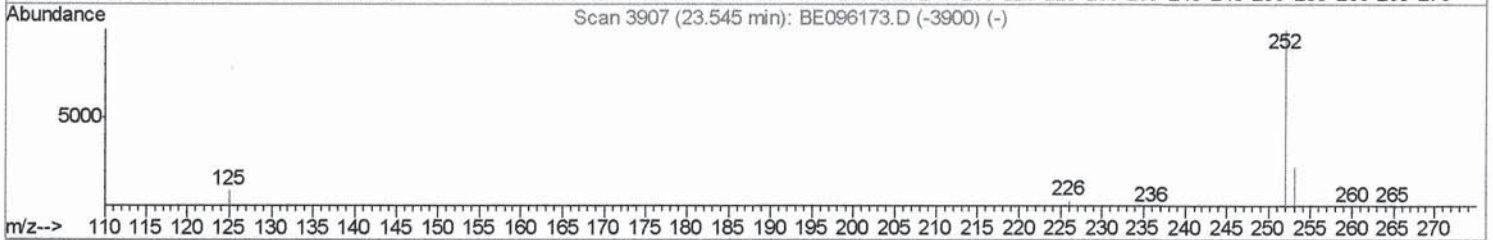
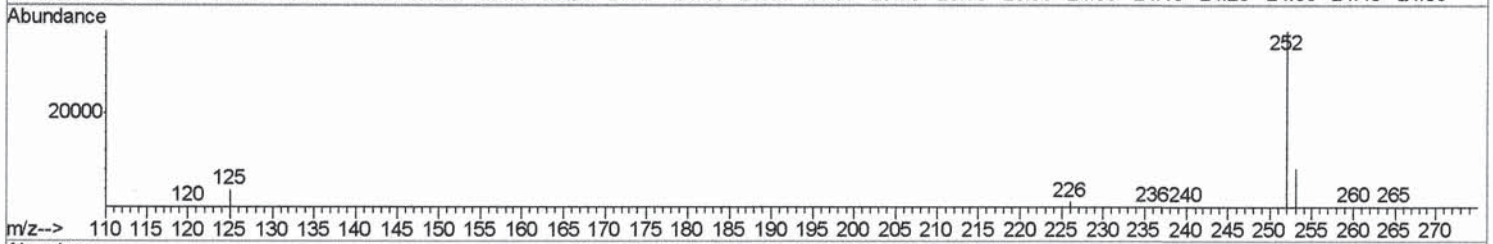
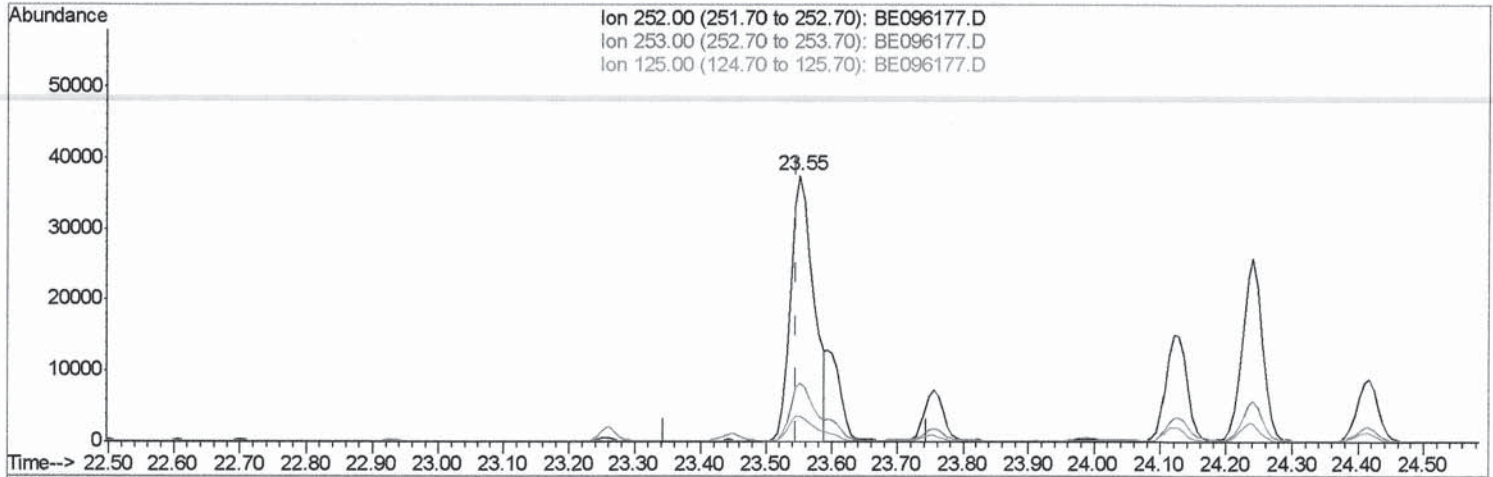
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(21) Benzo(b)fluoranthene

23.551min (+0.006) 5.91ng/ul m > 51 5/1/18

response 92155

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.39 |
| 125.00 | 17.50 | 9.97  |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

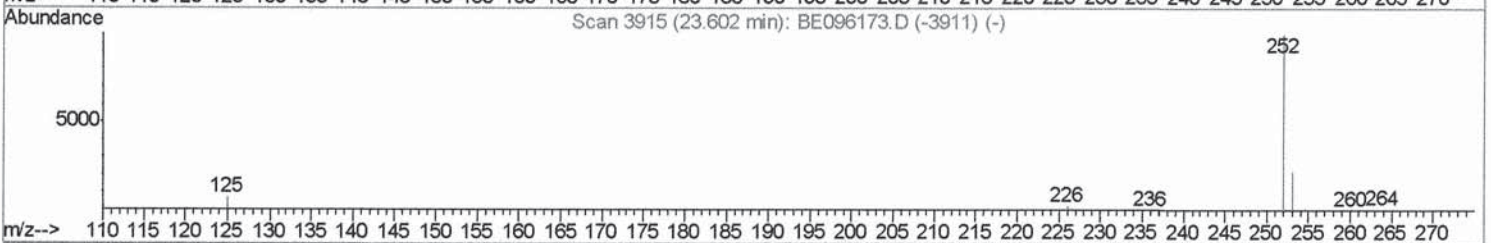
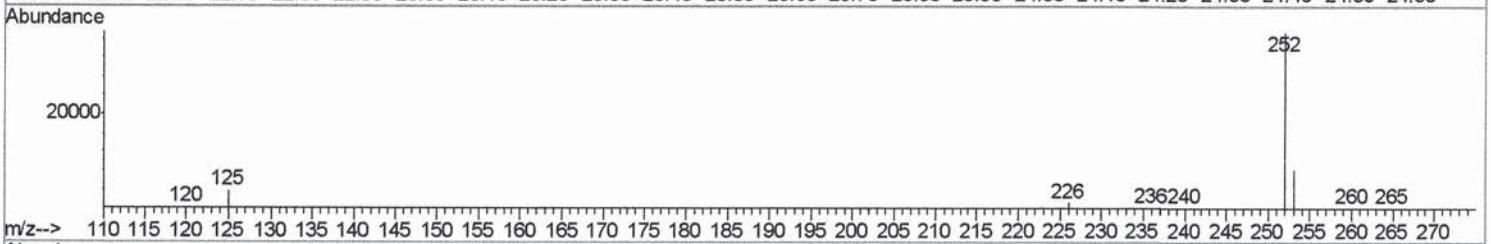
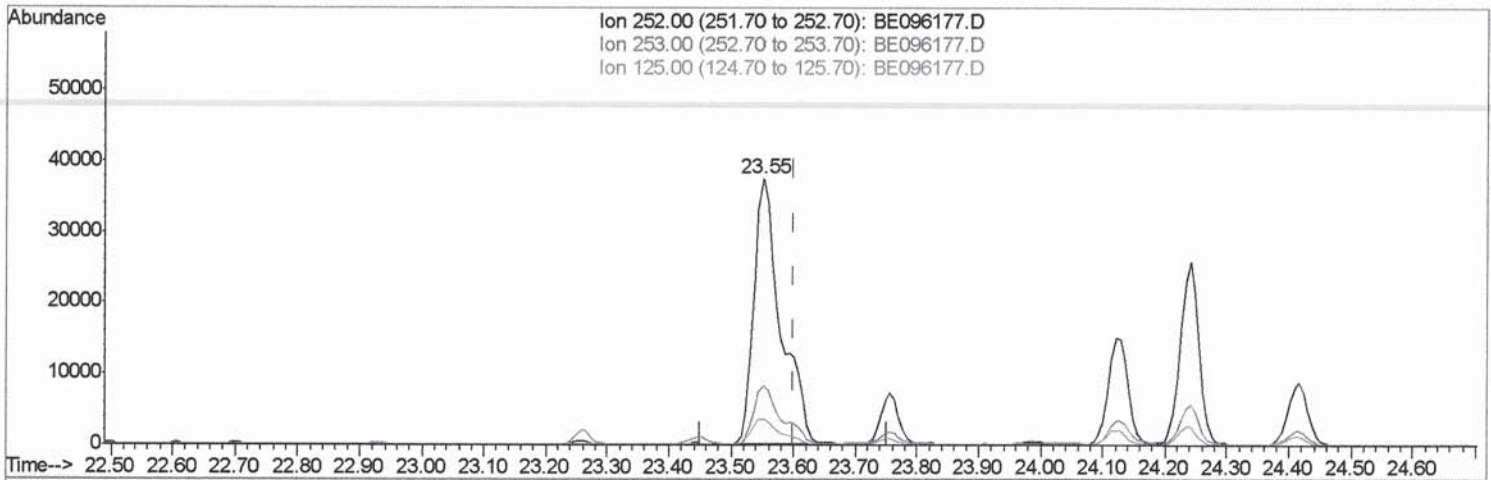
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TIC: BE096177.D

(22) Benzo(k)fluoranthene

23.551min (-0.050) 7.47ng/ul

response 111421

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.39# |
| 125.00 | 17.10 | 9.97#  |
| 0.00   | 0.00  | 0.00   |

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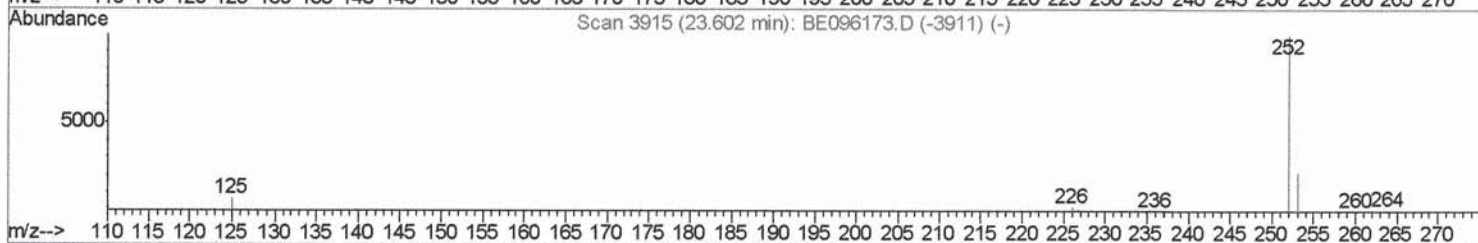
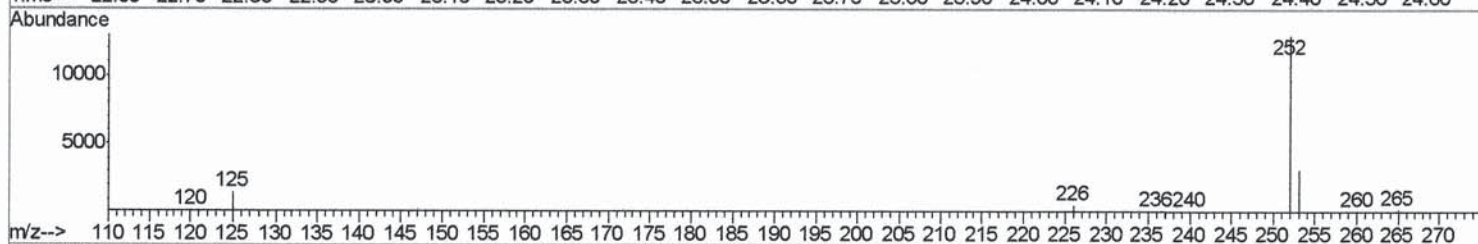
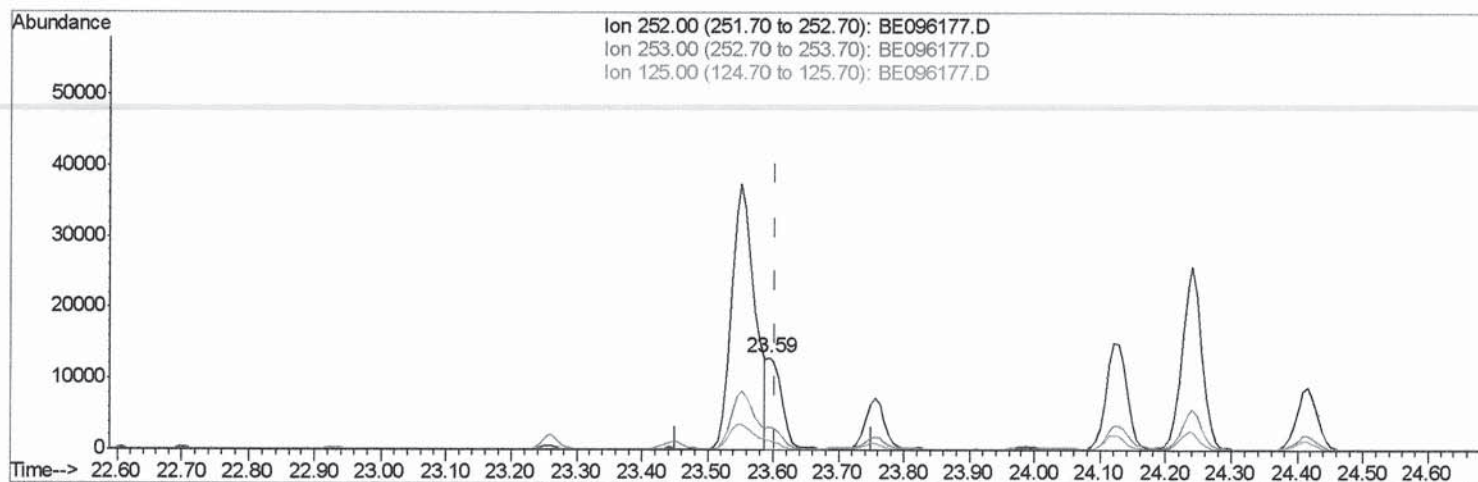
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 ALS Vial : 6 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.593min (-0.008) 1.34ng/ul m> SJ 5/1/18

response 20015

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 24.31# |
| 125.00 | 17.10 | 10.89# |
| 0.00   | 0.00  | 0.00   |

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 Misc :  
 ALS Vial : 6 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  | 672      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.18 | 136  | 2683     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.95 | 164  | 1649     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.66 | 188  | 4151     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.75 | 240  | 4654     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.35 | 264  | 4119     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 261      | 0.05 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 874      | 0.05 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 11.23 | 128  | 13085    | 1.752 | ng/ul# | 88     |
| 5) 2-Methylnaphthalene     | 12.81 | 142  | 5565     | 1.112 | ng/ul  | 100    |
| 7) Acenaphthylene          | 14.68 | 152  | 2884     | 0.339 | ng/ul  | 98     |
| 8) Acenaphthene            | 15.01 | 153  | 11563    | 1.887 | ng/ul  | 94     |
| 9) Fluorene                | 15.97 | 166  | 15435    | 1.903 | ng/ul# | 90     |
| 11) Pentachlorophenol      | 17.31 | 266  | 643      | 0.644 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.70 | 178  | 87000    | 7.119 | ng/ul# | 88     |
| 13) Anthracene             | 17.79 | 178  | 20095    | 1.639 | ng/ul# | 92     |
| 15) Fluoranthene           | 19.67 | 202  | 111200   | 5.953 | ng/ul  | 82     |
| 17) Pyrene                 | 20.02 | 202  | 48036    | 5.145 | ng/ul# | 77     |
| 18) Benzo(a)anthracene     | 21.73 | 228  | 26849    | 1.906 | ng/ul# | 86     |
| 19) Chrysene               | 21.79 | 228  | 41871    | 3.234 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 23.55 | 252  | 92155m   | 5.909 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.59 | 252  | 20015m   | 1.342 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 24.24 | 252  | 53893    | 3.977 | ng/ul# | 76     |
| 24) Indeno(1,2,3-cd)pyrene | 27.13 | 276  | 29257    | 1.603 | ng/ul# | 73     |
| 25) Dibenzo(a,h)anthracene | 27.13 | 278  | 7496     | 0.490 | ng/ul  | 91     |
| 26) Benzo(a,h,i)perylene   | 28.00 | 276  | 21216    | 1.335 | ng/ul# | 91     |

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

SJ 5/1/18