

## Quantitation Report (QT Reviewed)

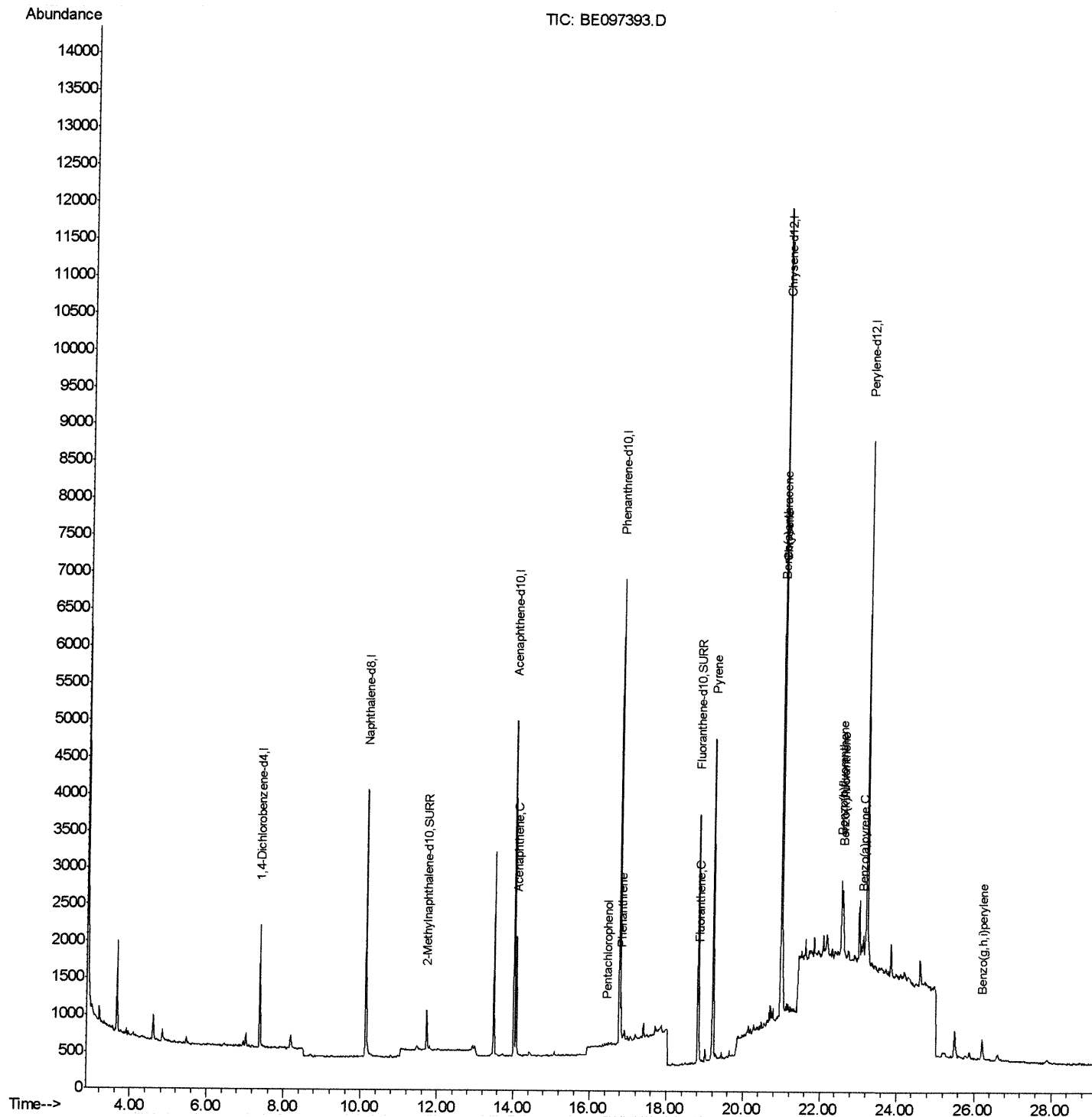
Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE082918\  
Data File : BE097393.D  
Acq On : 29 Aug 2018 17:24  
Operator : SJ/JU  
Sample : J4596-07MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Z29MS

Manual Integrations  
APPROVED

Sohil  
8/30/2018 5:36:45 PM

Quant Time: Aug 29 18:18:52 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 29 13:18:39 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

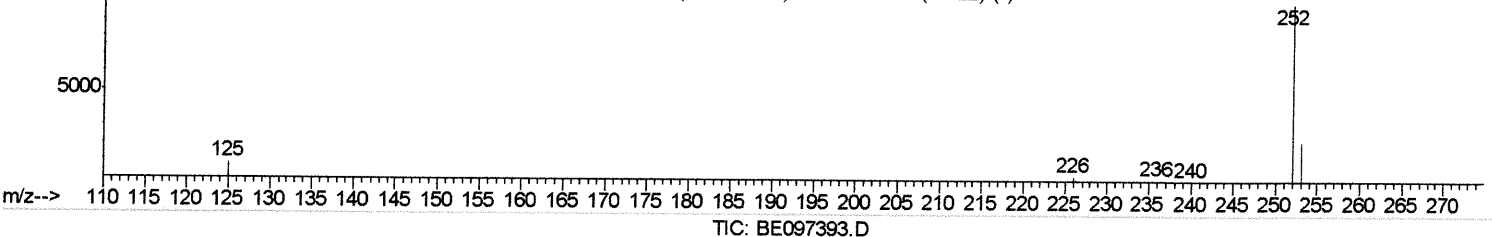
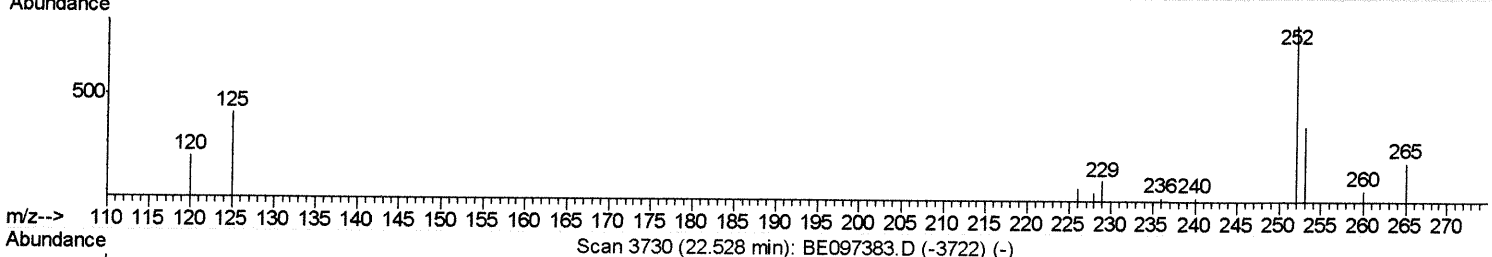
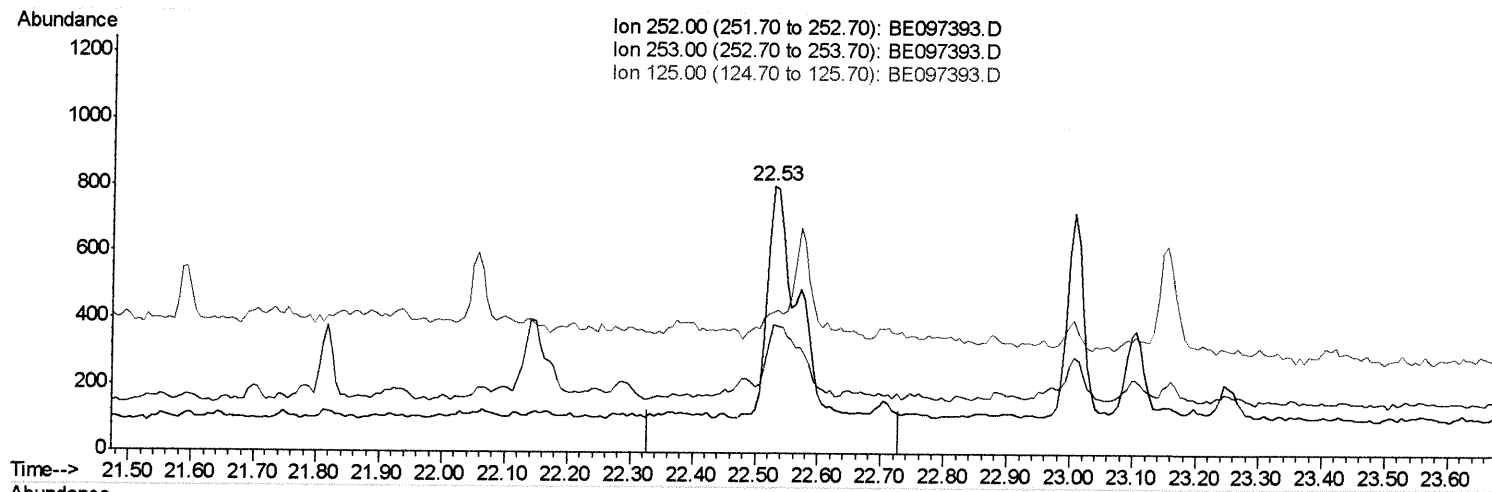
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(21) Benzo(b)fluoranthene  
 22.527min (-0.001) 0.09ng/ul  
 response 2282  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 48.25  |
| 125.00 | 17.50 | 52.87# |
| 0.00   | 0.00  | 0.00   |

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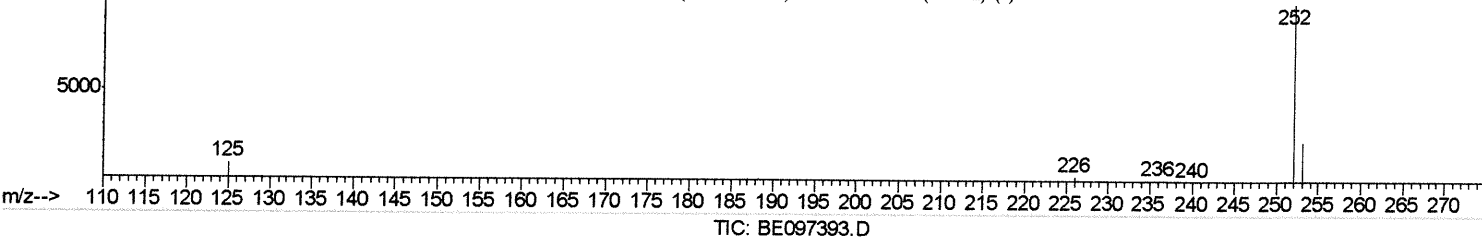
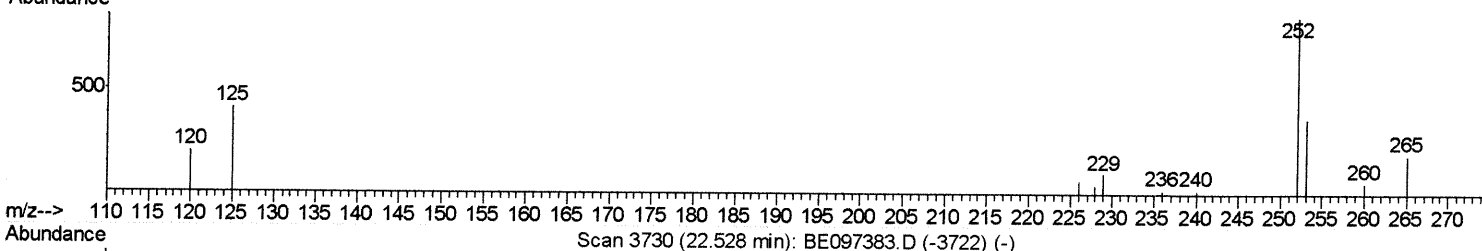
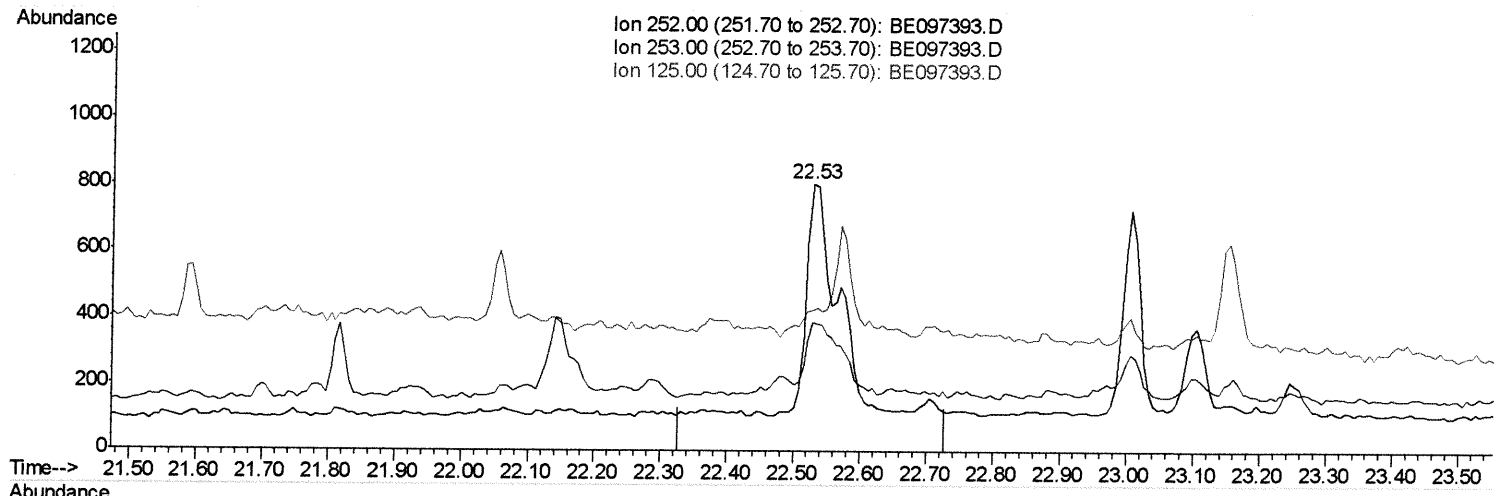
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 ClientSampled :  
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(21) Benzo(b)fluoranthene

22.527min (-0.001) 0.06ng/ul m

*SJ 9/4/18*

response 1512

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 48.25  |
| 125.00 | 17.50 | 52.87# |
| 0.00   | 0.00  | 0.00   |

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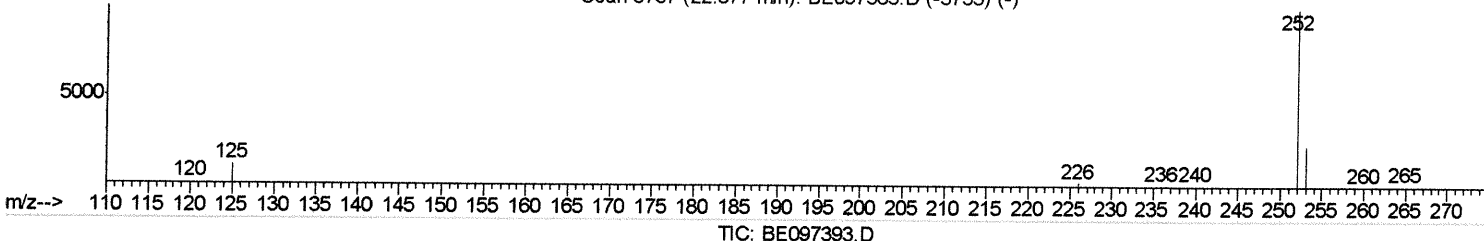
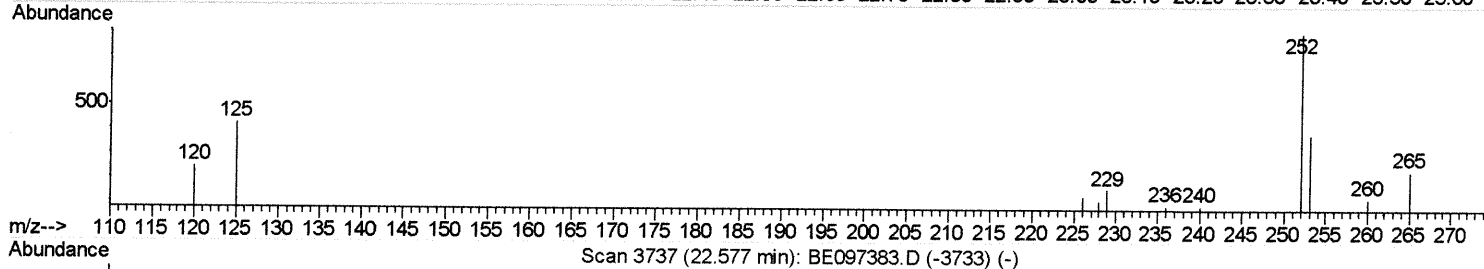
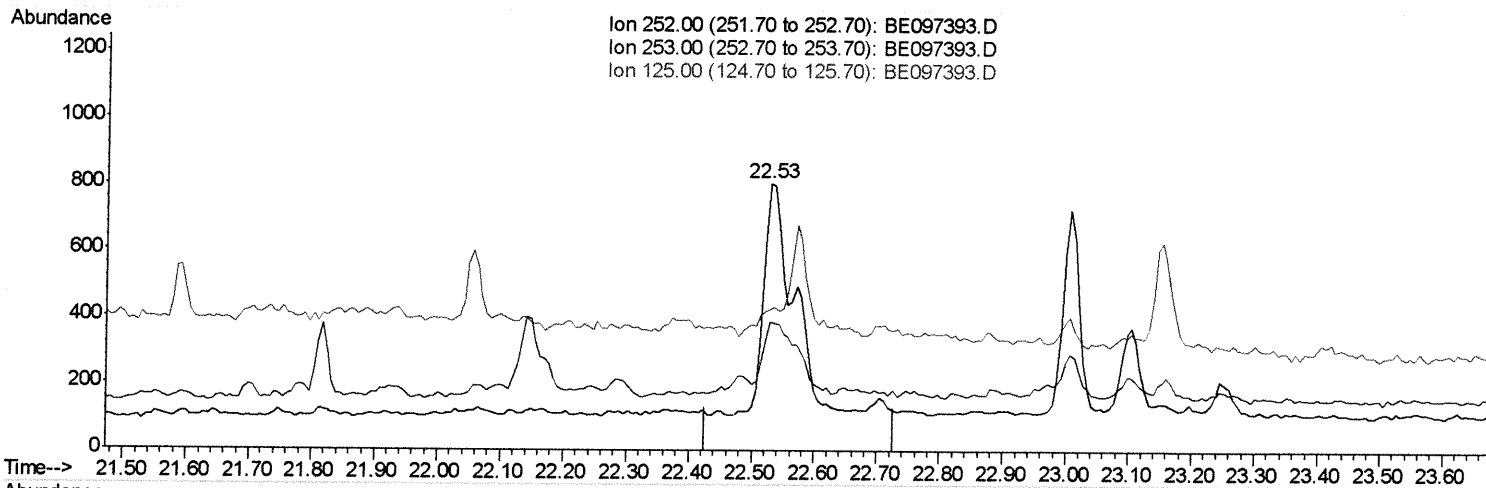
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(22) Benzo(k)fluoranthene

22.527min (-0.050) 0.08ng/ul

response 2282

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 48.25# |
| 125.00 | 17.10 | 52.87# |
| 0.00   | 0.00  | 0.00   |

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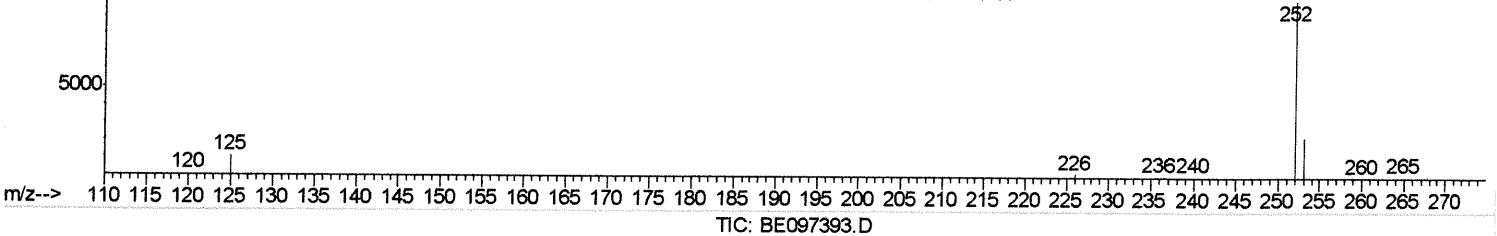
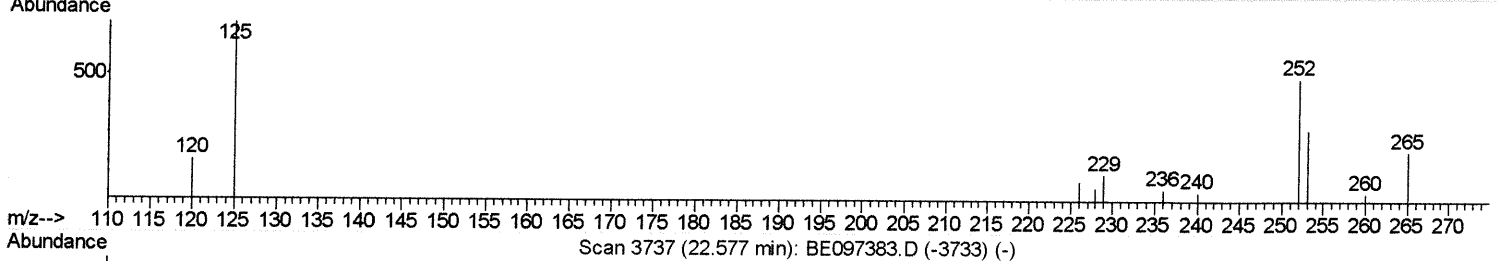
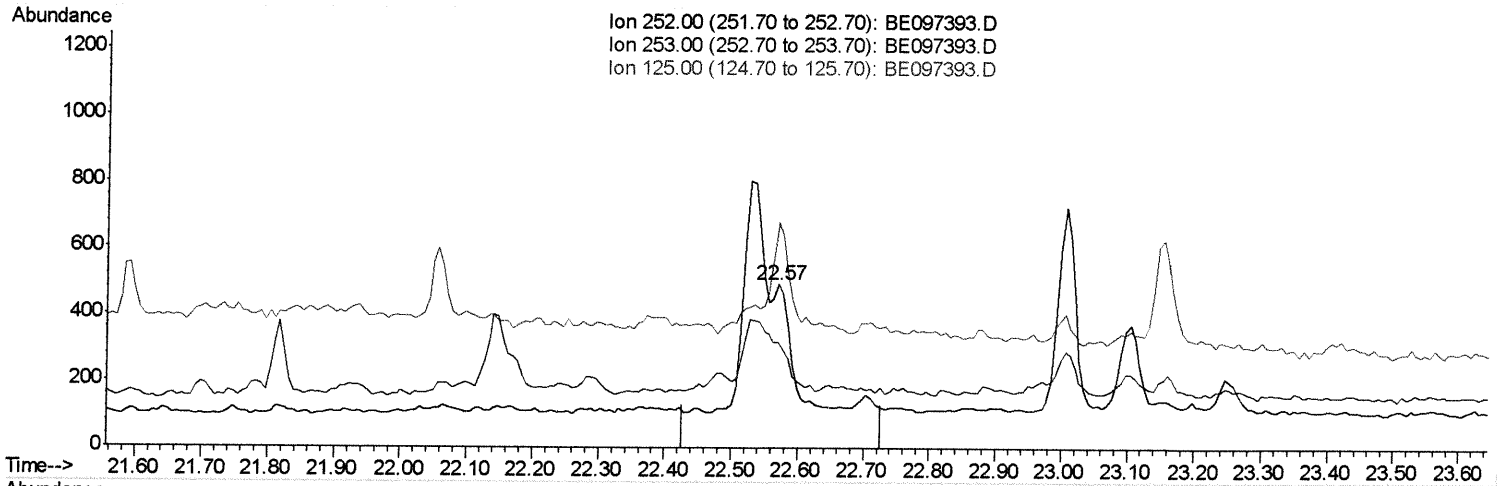
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(22) Benzo(k)fluoranthene

22.570min (-0.008) 0.03ng/ul m *SJ 9/4/18*

response 752

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 64.63#  |
| 125.00 | 17.10 | 137.60# |
| 0.00   | 0.00  | 0.00    |

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 841      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.12 | 136  | 4212     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.01 | 164  | 2582     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.76 | 188  | 7570     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.97 | 240  | 9885     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.20 | 264  | 9793     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.72 | 152  | 883      | 0.13 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.80 | 212  | 3876     | 0.16 | ng/ul | 0.00     |

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------|-------|------|----------|-------|--------|--------|
| 8) Acenaphthene          | 14.07 | 153  | 931      | 0.115 | ng/ul# | 94     |
| 11) Pentachlorophenol    | 16.44 | 266  | 19       | 0.025 | ng/ul# | 70     |
| 12) Phenanthrene         | 16.80 | 178  | 716      | 0.037 | ng/ul# | 83     |
| 15) Fluoranthene         | 18.83 | 202  | 1152     | 0.046 | ng/ul  | 86     |
| 17) Pyrene               | 19.20 | 202  | 4925     | 0.185 | ng/ul# | 81     |
| 18) Benzo(a)anthracene   | 20.95 | 228  | 684      | 0.027 | ng/ul# | 65     |
| 19) Chrysene             | 20.98 | 228  | 1512     | 0.052 | ng/ul# | 71     |
| 21) Benzo(b)fluoranthene | 22.53 | 252  | 1512m    | 0.058 | ng/ul  |        |
| 22) Benzo(k)fluoranthene | 22.57 | 252  | 752m     | 0.026 | ng/ul  |        |
| 23) Benzo(a)pyrene       | 23.10 | 252  | 529      | 0.022 | ng/ul# | 16     |
| 26) Benzo(g,h,i)perylene | 26.20 | 276  | 651      | 0.024 | ng/ul# | 66     |

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

> SJ 9/4/18