

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062017\  
Quantitation Report (QT Reviewed)

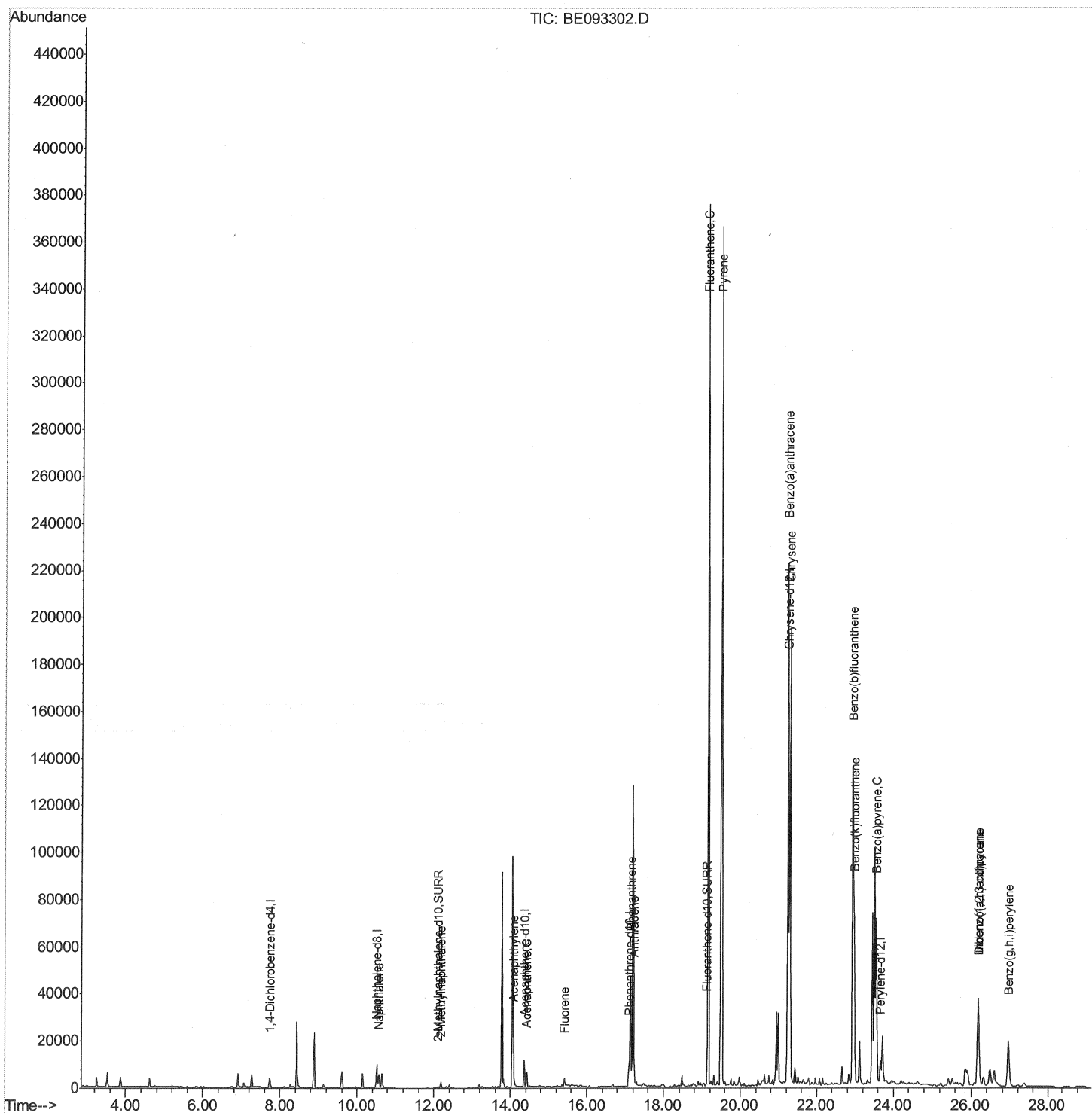
Data File : BE093302.D  
Acq On : 21 Jun 2017 3:46  
Operator : SJ/JU  
Sample : I3599-08DL 5X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5D42DL

Manual Integrations  
APPROVED

mohammad  
6/21/2017 12:19:25 PM

Quant Time: Jun 21 04:36:31 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 21 03:23:49 2017  
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062017\  
Quantitation Report (Qedit)

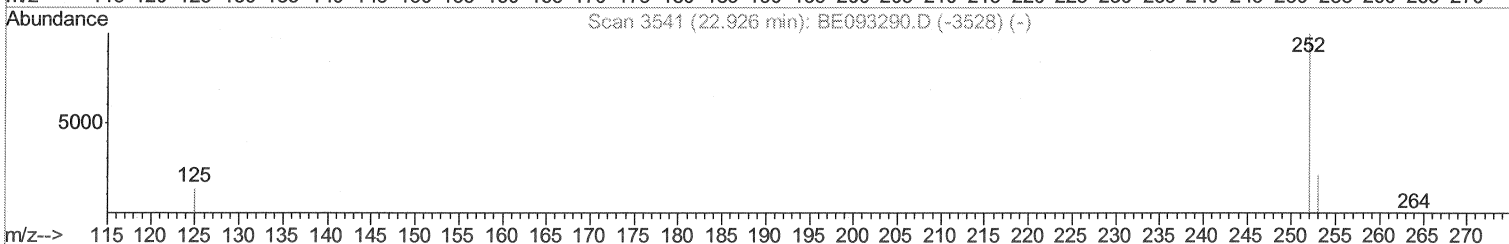
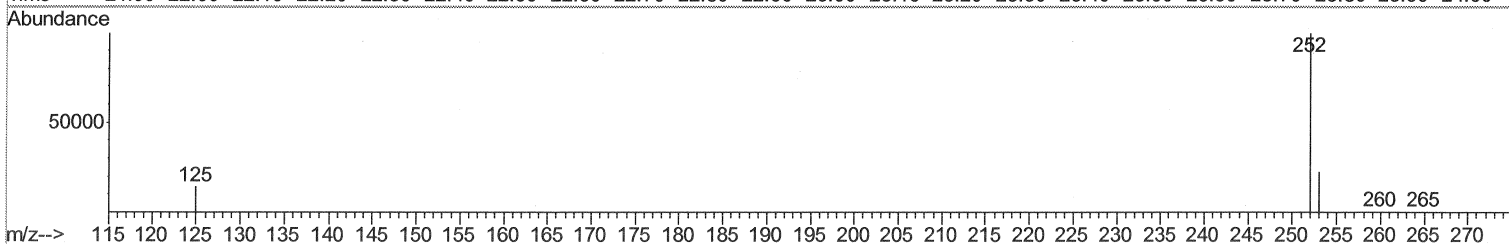
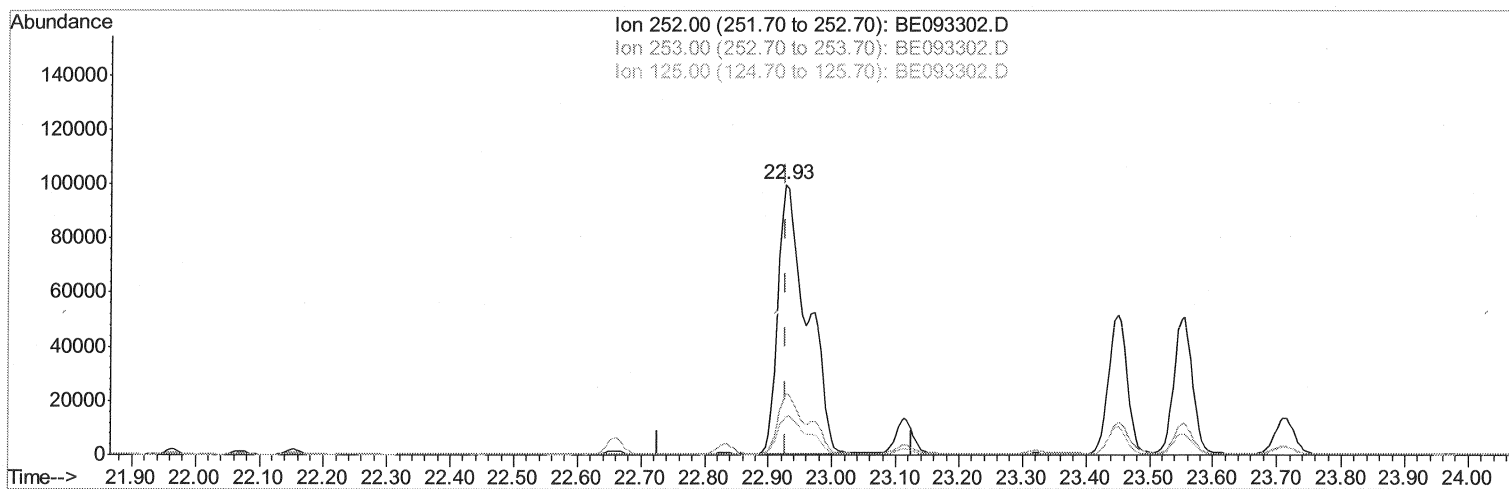
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TIC: BE093302.D

(21) Benzo(b)fluoranthene  
22.927min (+0.000) 8.25ng/ul  
response 319002

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.62 |
| 125.00 | 17.50 | 14.17 |
| 0.00   | 0.00  | 0.00  |

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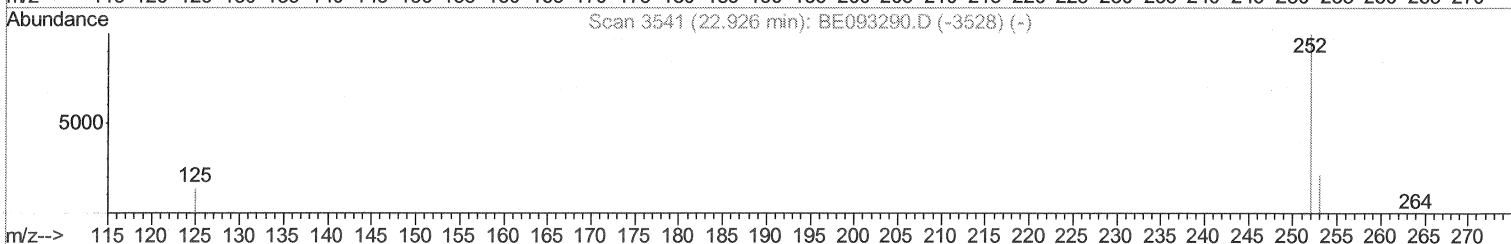
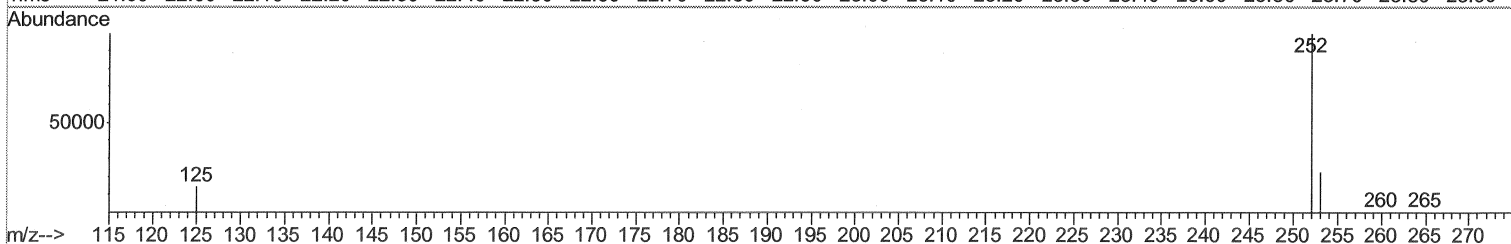
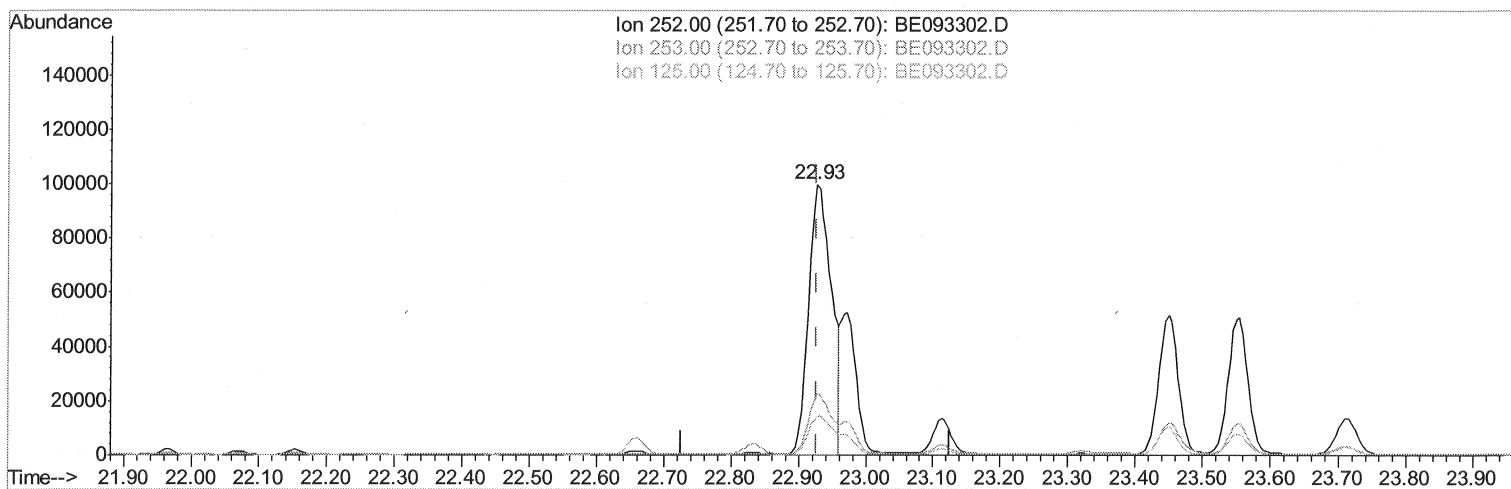
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TIC: BE093302.D

(21) Benzo(b)fluoranthene

22.927min (+0.000) 6.10ng/ul m

SJ 6/16/17

response 235823

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.62 |
| 125.00 | 17.50 | 14.17 |
| 0.00   | 0.00  | 0.00  |

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Acq On : 21 Jun 2017 3:46

Operator : SJ/JU

Sample : I3599-08DL 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5D42DL

Manual Integrations

APPROVED

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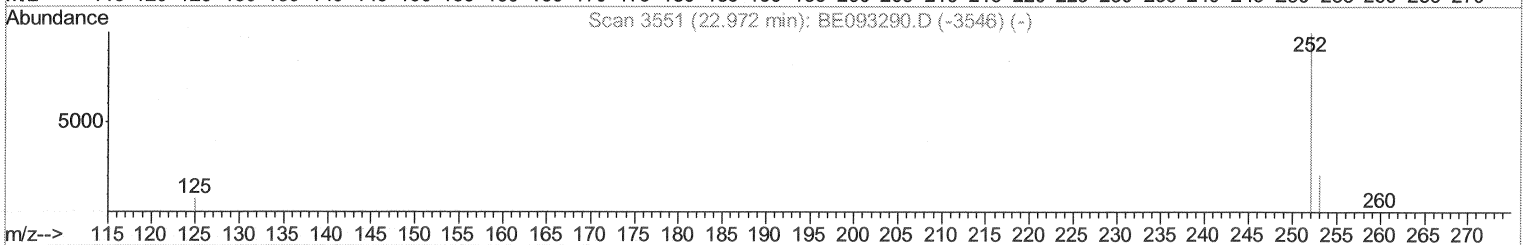
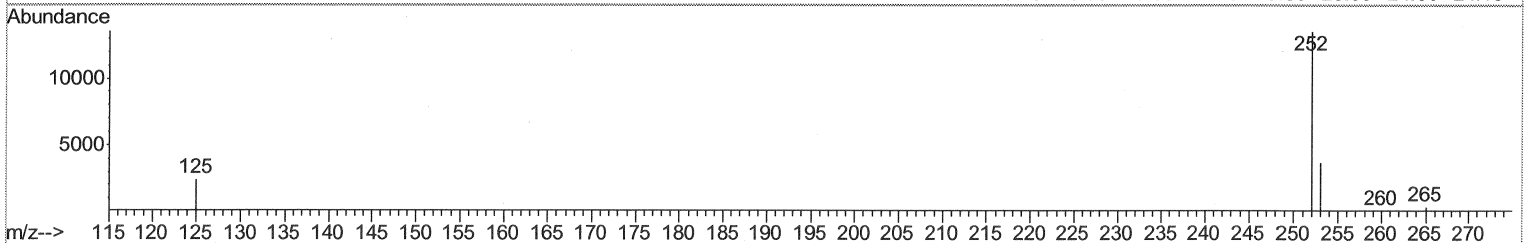
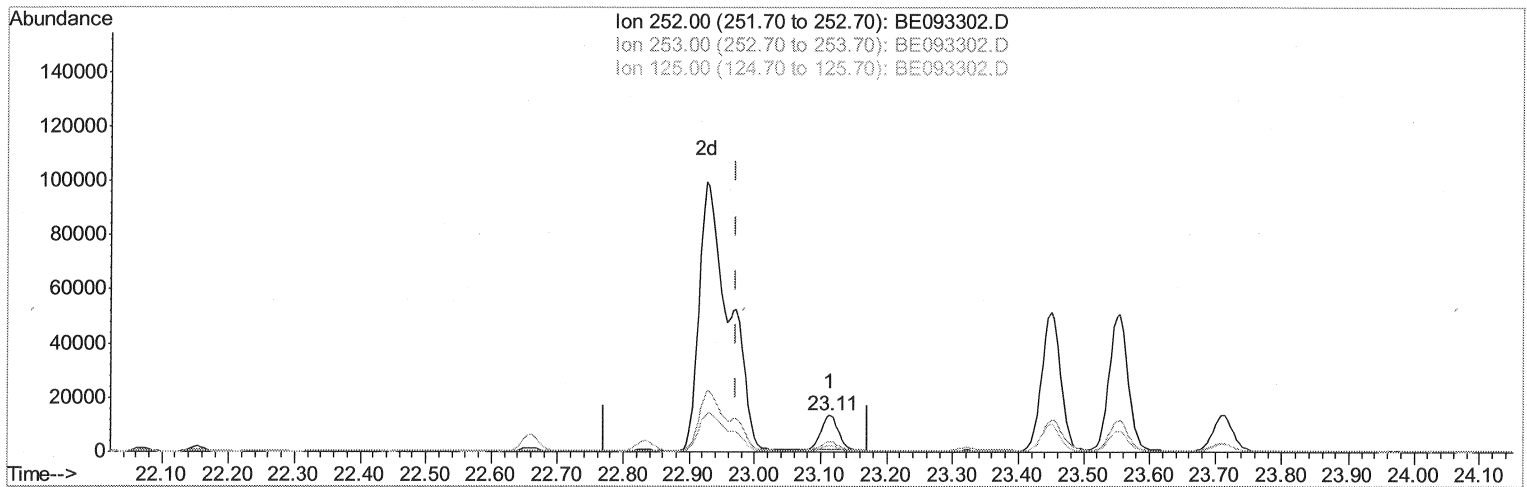
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TIC: BE093302.D

(22) Benzo(k)fluoranthene

23.113min (+0.142) 0.56ng/ul

response 22899

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 27.04 |
| 125.00 | 17.10 | 17.72 |
| 0.00   | 0.00  | 0.00  |

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Operator : SJ/JU

Sample : I3599-08DL 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5D42DL

Manual Integrations

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mohammad

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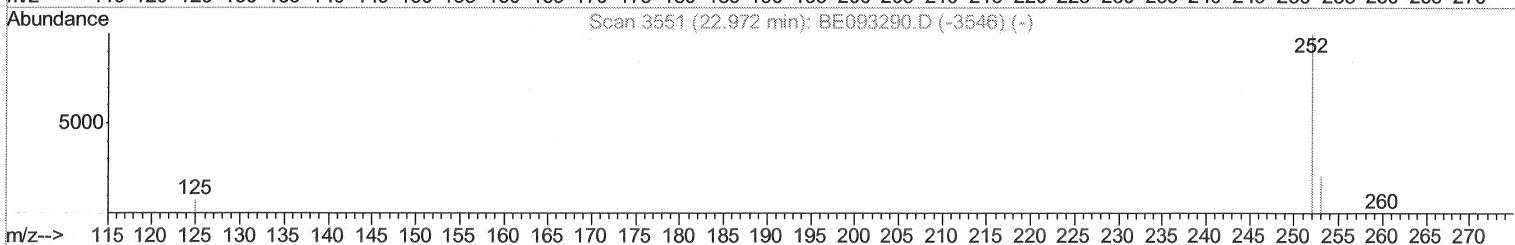
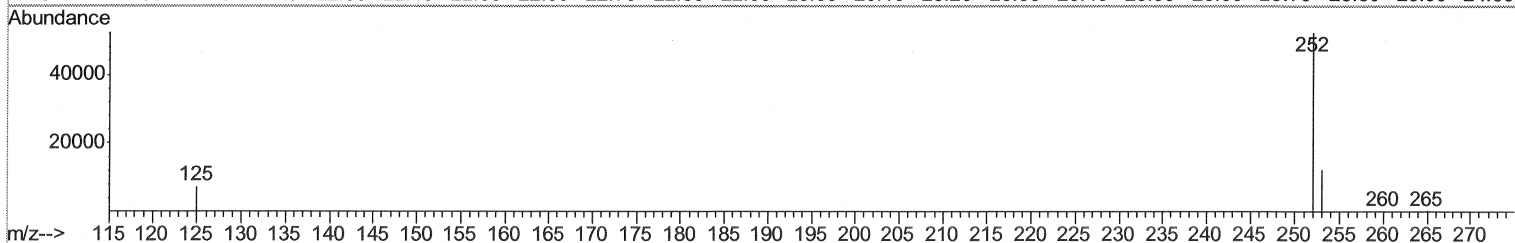
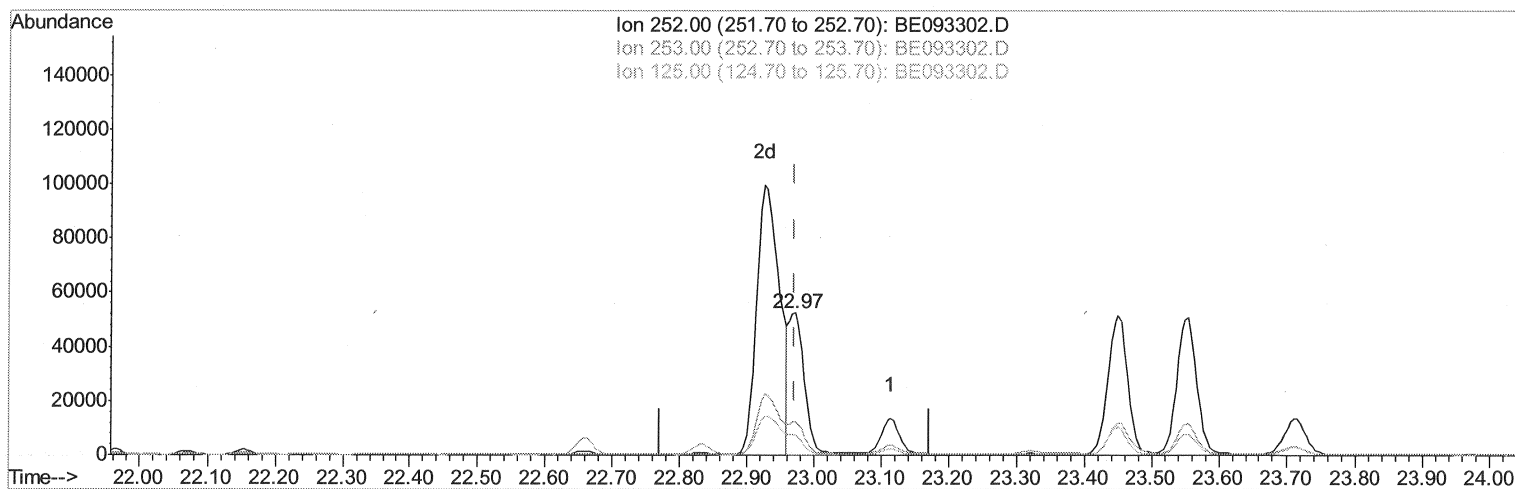
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TIC: BE093302.D

(22) Benzo(k)fluoranthene

22.972min (+0.000) 2.07ng/ul m

SJ 6/26/17

response 85151

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.60# |
| 125.00 | 17.10 | 14.02  |
| 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 | 7.73  | 152  | 1888     | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.51 | 136  | 10100    | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.36 | 164  | 6009     | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.10 | 188  | 14847    | 0.40 | ng/ul | 0.00      |
| 16) Chrysene-d12          | 21.26 | 240  | 15578    | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.66 | 264  | 12741    | 0.40 | ng/ul | 0.00      |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|-----------------------------|-------|------|----------|------|-------|-----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 739      | 0.05 | ng/ul | 0.00      |
| 14) Fluoranthene-d10        | 19.12 | 212  | 1931     | 0.05 | ng/ul | 0.00      |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue     |
|----------------------------|-------|------|----------|------|--------|------------|
| 3) Naphthalene             | 10.56 | 128  | 8071     | 0.32 | ng/ul# | 92         |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 2127     | 0.12 | ng/ul  | 99         |
| 7) Acenaphthylene          | 14.09 | 152  | 14806    | 0.57 | ng/ul  | 96         |
| 8) Acenaphthene            | 14.42 | 153  | 3522     | 0.17 | ng/ul  | 96         |
| 9) Fluorene                | 15.42 | 166  | 2481     | 0.10 | ng/ul  | 93         |
| 12) Phenanthrene           | 17.14 | 178  | 49088    | 1.20 | ng/ul# | 89         |
| 13) Anthracene             | 17.22 | 178  | 38998    | 1.10 | ng/ul# | 90         |
| 15) Fluoranthene           | 19.15 | 202  | 391763   | 7.82 | ng/ul  | 83         |
| 17) Pyrene                 | 19.51 | 202  | 373744   | 8.14 | ng/ul# | 86         |
| 18) Benzo(a)anthracene     | 21.24 | 228  | 199239   | 4.79 | ng/ul# | 84         |
| 19) Chrysene               | 21.29 | 228  | 209218   | 4.85 | ng/ul  | 98         |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 235823m  | 6.10 | ng/ul  | 51 6/26/17 |
| 22) Benzo(k)fluoranthene   | 22.97 | 252  | 85151m   | 2.07 | ng/ul  |            |
| 23) Benzo(a)pyrene         | 23.56 | 252  | 101559   | 2.78 | ng/ul# |            |
| 24) Indeno(1,2,3-cd)pyrene | 26.18 | 276  | 60077    | 1.42 | ng/ul# | 86         |
| 25) Dibenzo(a,h)anthracene | 26.19 | 278  | 19127    | 0.54 | ng/ul  | 90         |
| 26) Benzo(g,h,i)perylene   | 26.96 | 276  | 42421    | 1.17 | ng/ul  | 96         |

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