

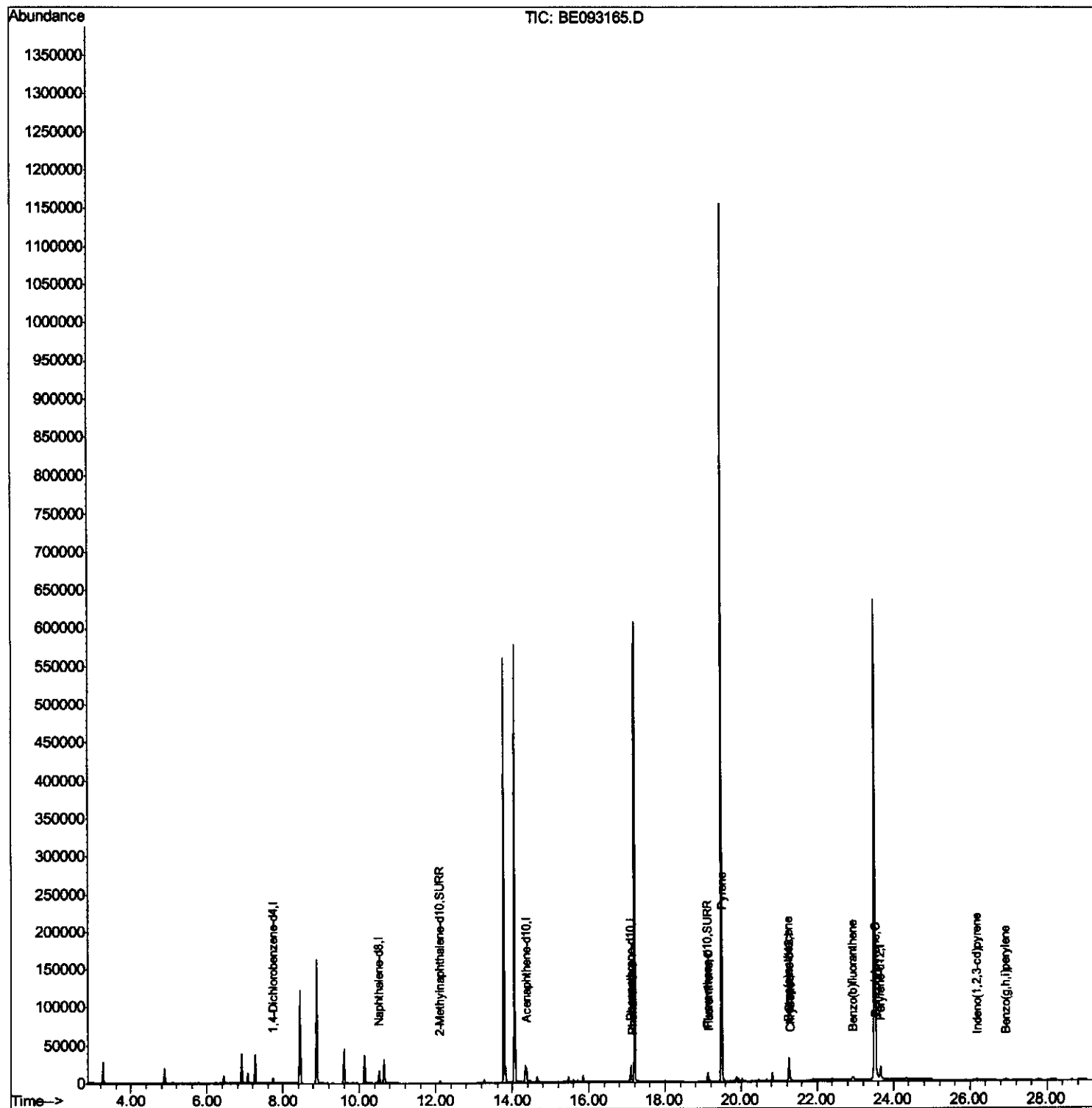
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
Data File : BE093165.D  
Acq On : 14 Jun 2017 12:18  
Operator : SJ/MA  
Sample : I3520-09  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F5A41

Manual Integrations  
APPROVED

mohammad  
6/15/2017 3:52:50 PM

Quant Time: Jun 15 10:30:23 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 07:58:47 2017  
Response via : Initial Calibration



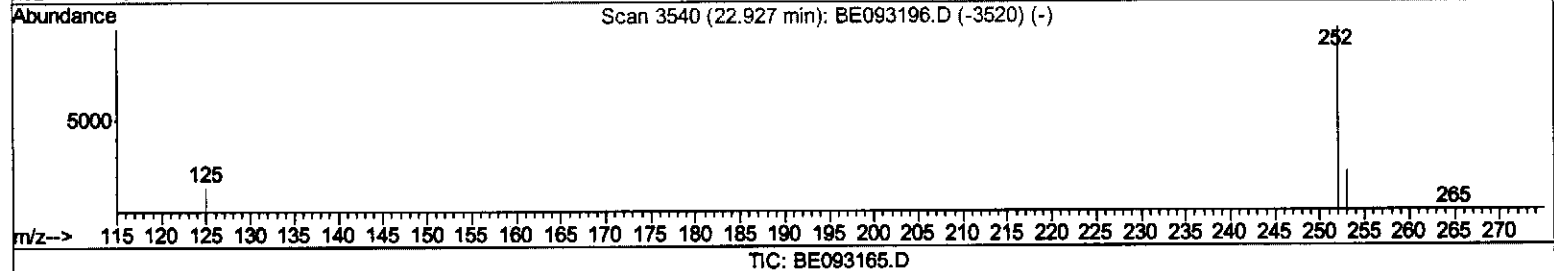
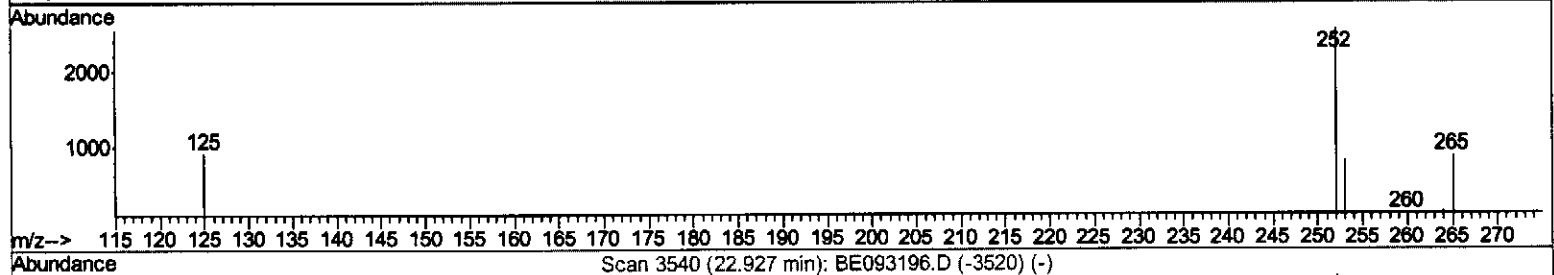
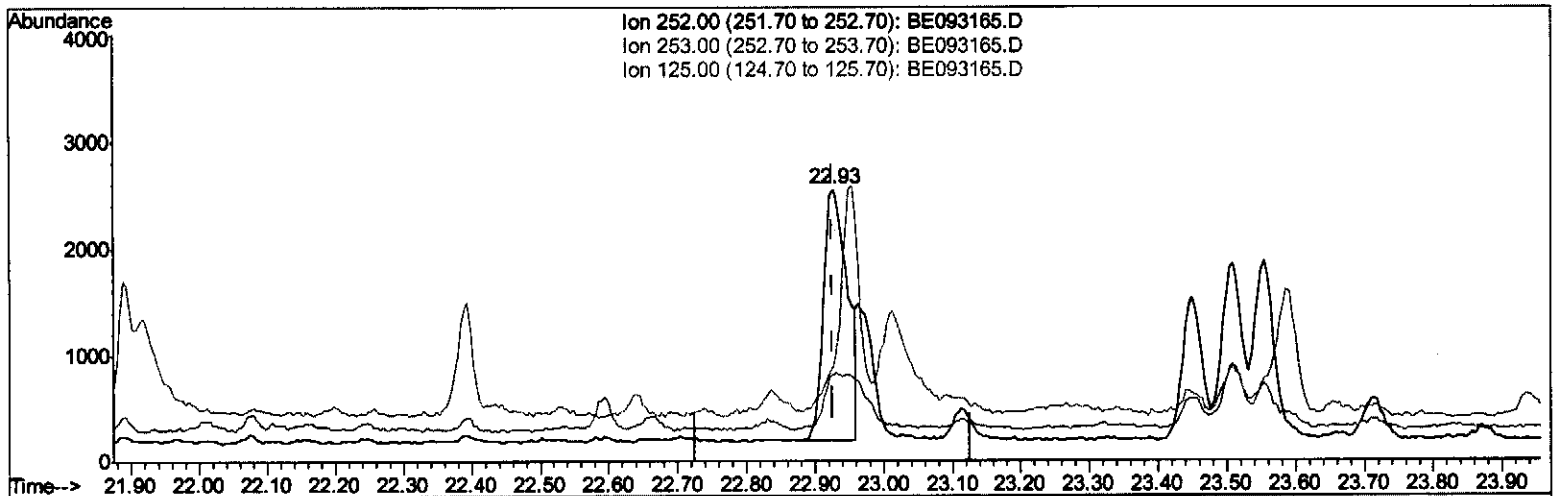
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QLast Update : Thu Jun 15 07:58:47 2017  
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(21) Benzo(b)fluoranthene

22.927min (0.000) 0.07ng/ul m

response 5776

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 31.78  |
| 125.00 | 17.50 | 35.34# |
| 0.00   | 0.00  | 0.00   |

SJ  
06/21/17

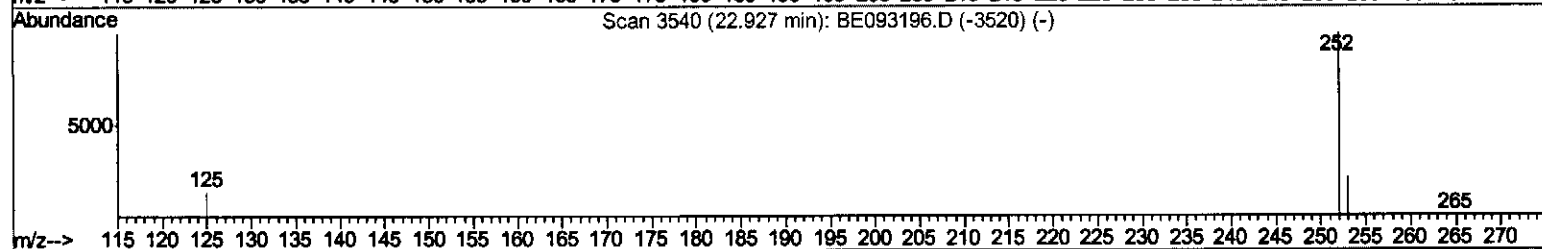
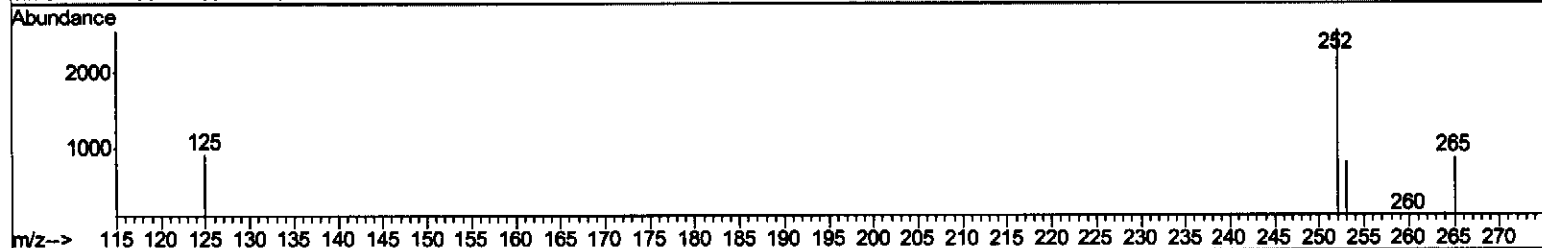
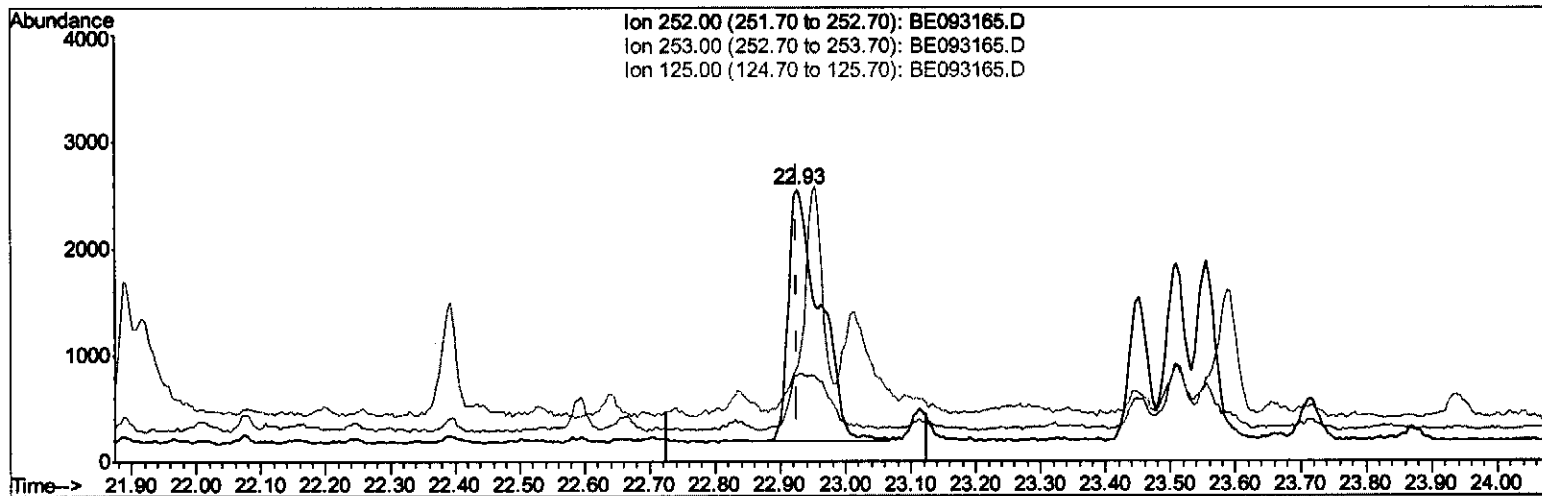
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Manual Integrations  
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Response via : Initial Calibration



TIC: BE093165.D

(21) Benzo(b)fluoranthene

22.927min (0.000) 0.09ng/ul

response 7895

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 31.78  |
| 125.00 | 17.50 | 35.34# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
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Instrument :  
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 ClientSampled :  
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Manual Integrations  
 APPROVED

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Quant Time: Jun 15 10:30:23 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 07:58:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 3536     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 17246    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.37 | 164  | 10804    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 24778    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 26368    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.66 | 264  | 27732    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 4483     | 0.18 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 12153    | 0.18 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 12) Phenanthrene           | 17.14 | 178  | 3330     | 0.049 | ng/ul# | 91     |
| 15) Fluoranthene           | 19.15 | 202  | 7443     | 0.089 | ng/ul  | 84     |
| 17) Pyrene                 | 19.51 | 202  | 8740     | 0.112 | ng/ul  | 93     |
| 18) Benzo(a)anthracene     | 21.24 | 228  | 3137     | 0.045 | ng/ul# | 86     |
| 19) Chrysene               | 21.30 | 228  | 4642     | 0.064 | ng/ul  | 94     |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 5776m    | 0.069 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.56 | 252  | 3334     | 0.042 | ng/ul# | 81     |
| 24) Indeno(1,2,3-cd)pyrene | 26.18 | 276  | 2703     | 0.029 | ng/ul# | 47     |
| 26) Benzo(g,h,i)perylene   | 26.94 | 276  | 2731     | 0.035 | ng/ul# | 80     |

SJ  
 06/21/17

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