

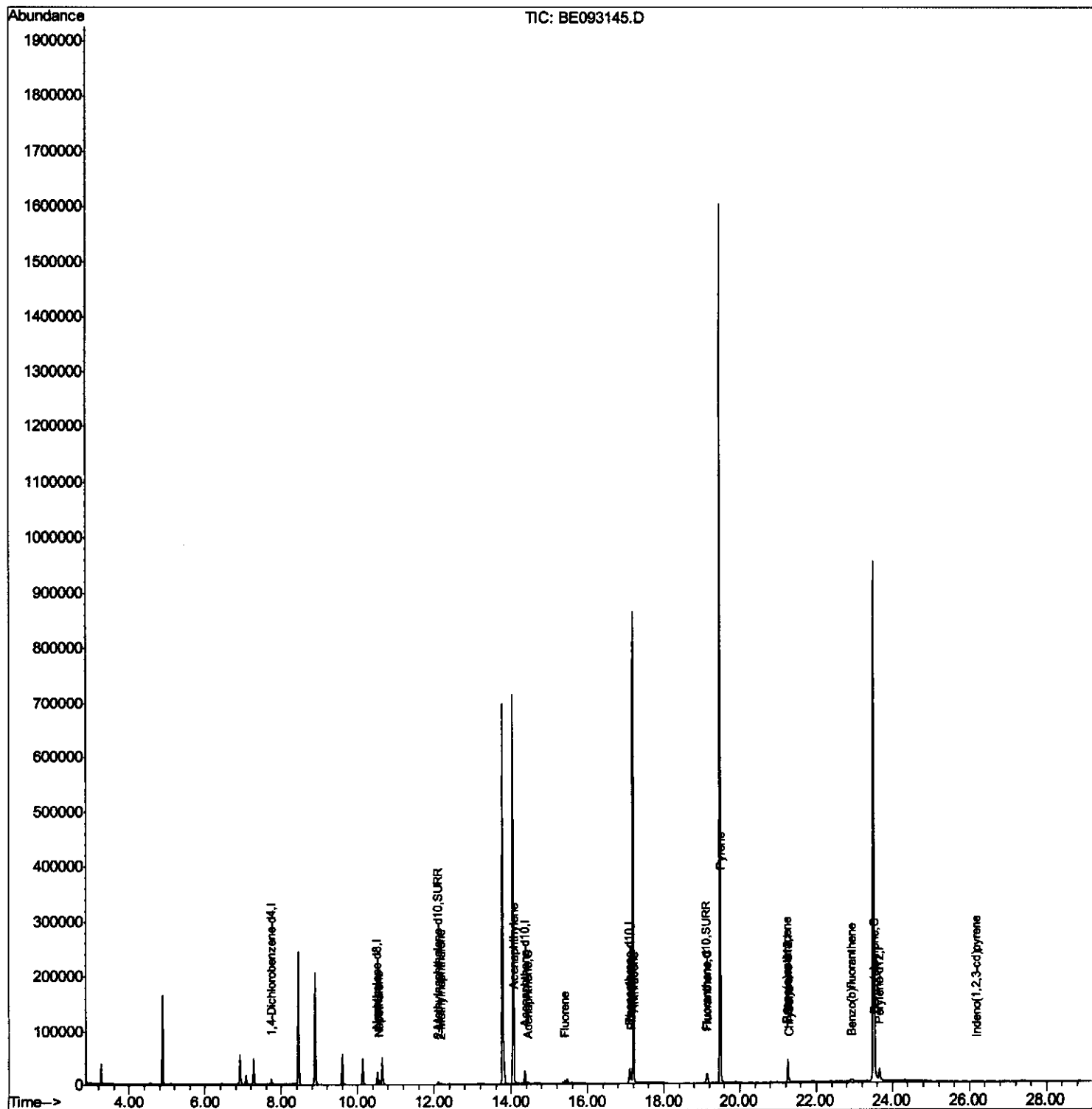
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061317\  
Data File : BE093145.D  
Acq On : 13 Jun 2017 23:58  
Operator : SJ/MA  
Sample : I3558-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5A55

Manual Integrations  
APPROVED

mohammad  
6/14/2017 2:59:34 PM

Quant Time: Jun 14 11:02:09 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 14 08:39:04 2017  
Response via : Initial Calibration



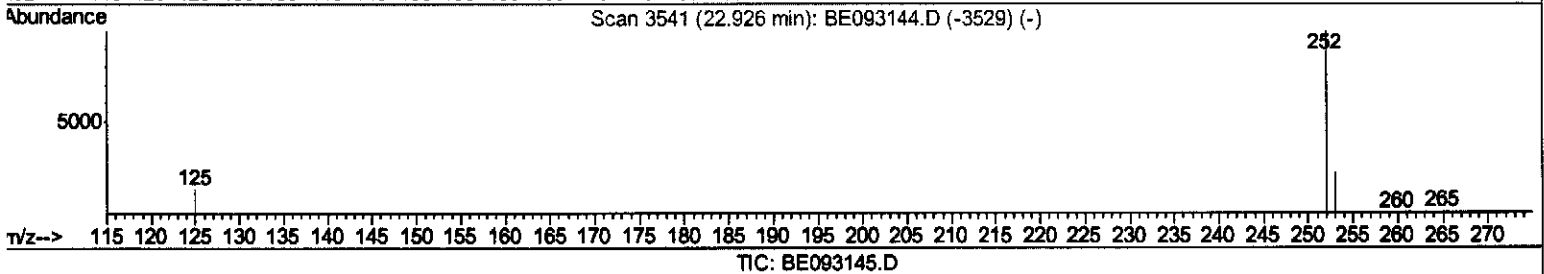
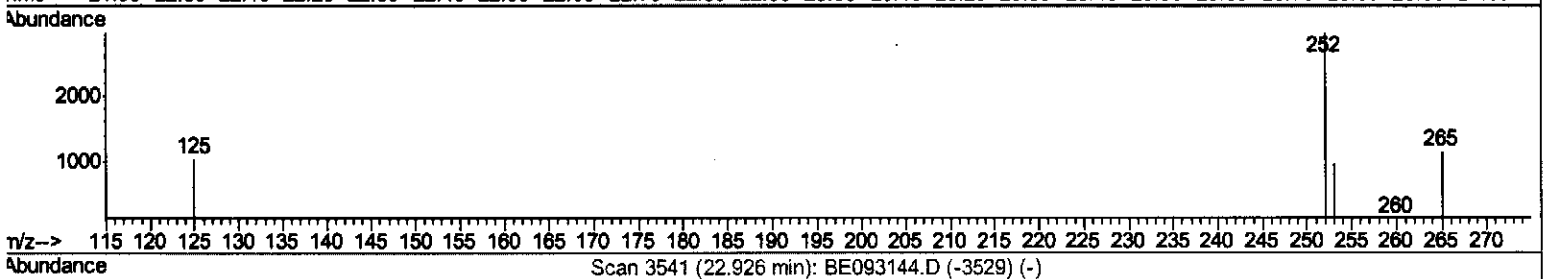
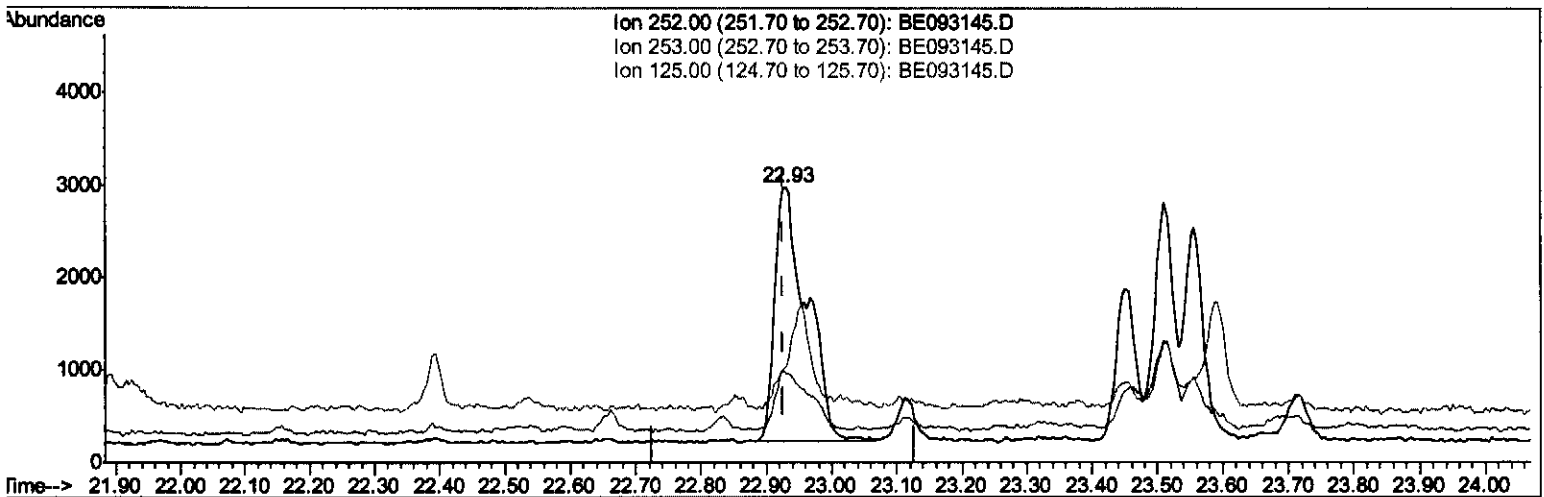
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6/14/2017 2:59:34 PM

Quant Time: Jun 14 10:52:22 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 14 08:39:04 2017  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.931min (+0.004) 0.08ng/ul

response 9393

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 32.34  |
| 125.00 | 17.50 | 35.02# |
| 0.00   | 0.00  | 0.00   |

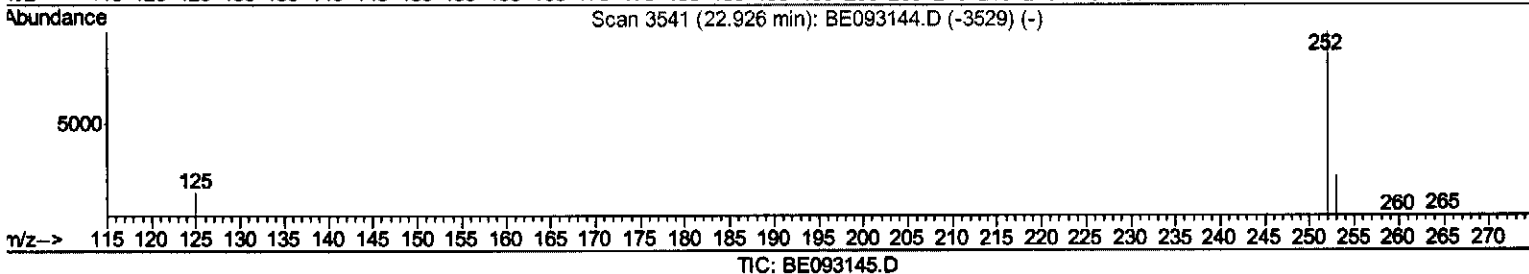
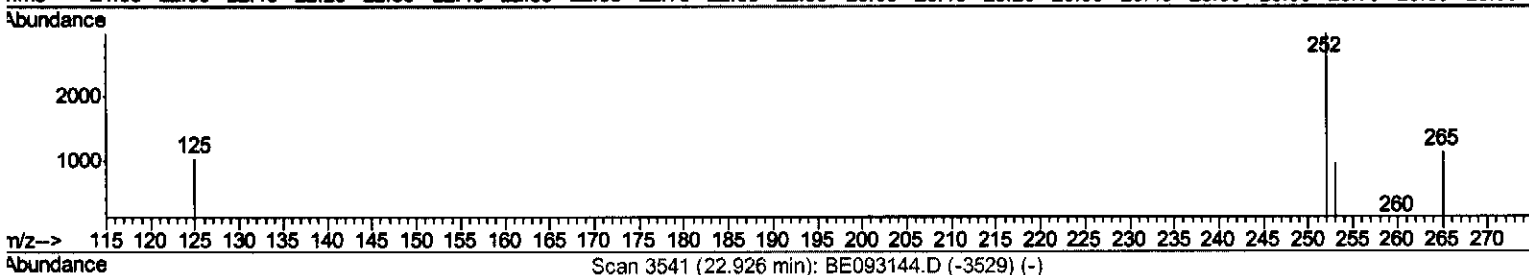
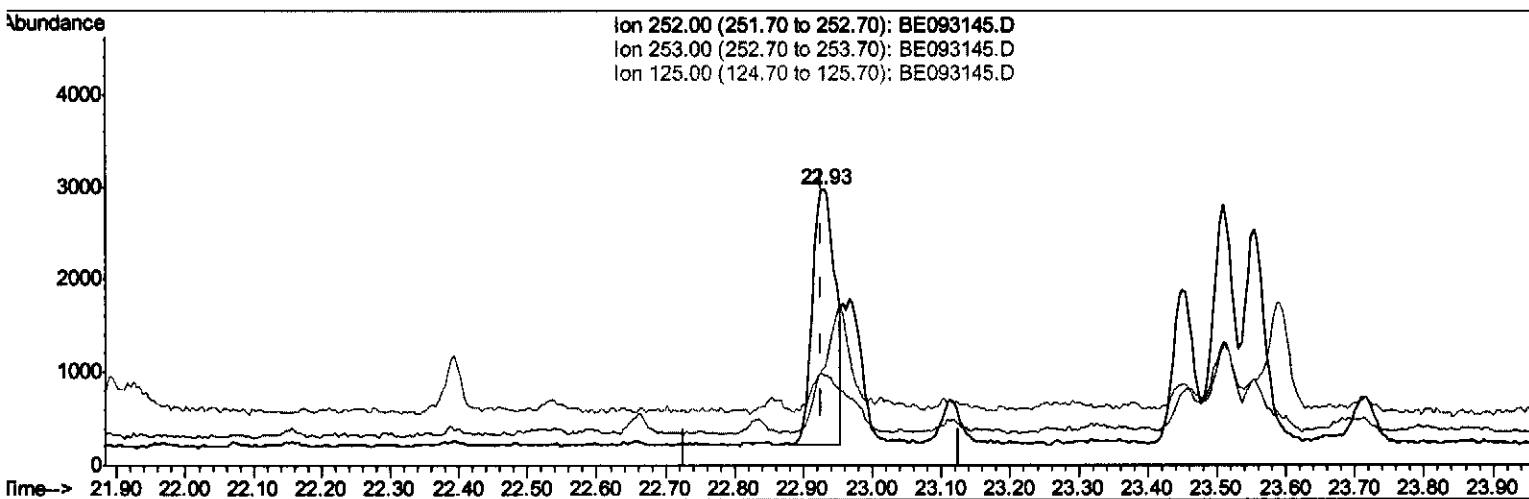
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Instrument :  
BNA\_E  
ClientSampled :  
F5A55

Manual Integrations  
APPROVED

mohammad  
6/14/2017 2:59:34 PM

Quant Time: Jun 14 10:52:22 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 14 08:39:04 2017  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.931min (+0.004) 0.05ng/ul m

response 6388

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 32.34  |
| 125.00 | 17.50 | 35.02# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061317\  
 Data File : BE093145.D  
 Acq On : 13 Jun 2017 23:58  
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Instrument :  
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 ClientSampled :  
 F5A55

Manual Integrations  
 APPROVED

mohammad  
 6/14/2017 2:59:34 PM

Quant Time: Jun 14 11:02:09 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 14 08:39:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 4966     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 23568    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.36 | 164  | 14321    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 33406    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 37499    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.66 | 264  | 40664    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 5566     | 0.16 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 17347    | 0.19 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.57 | 128  | 11914    | 0.204 | ng/ul# | 92     |
| 5) 2-Methylnaphthalene     | 12.19 | 142  | 2412     | 0.060 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.09 | 152  | 1343     | 0.022 | ng/ul# | 86     |
| 8) Acenaphthene            | 14.43 | 153  | 2582     | 0.052 | ng/ul  | 97     |
| 9) Fluorene                | 15.42 | 166  | 3451     | 0.059 | ng/ul  | 94     |
| 12) Phenanthrene           | 17.13 | 178  | 20331    | 0.221 | ng/ul# | 87     |
| 13) Anthracene             | 17.22 | 178  | 4846     | 0.061 | ng/ul# | 92     |
| 15) Fluoranthene           | 19.15 | 202  | 16572    | 0.147 | ng/ul  | 84     |
| 17) Pyrene                 | 19.51 | 202  | 16446    | 0.149 | ng/ul# | 91     |
| 18) Benzo(a)anthracene     | 21.24 | 228  | 6034     | 0.060 | ng/ul# | 87     |
| 19) Chrysene               | 21.29 | 228  | 6087     | 0.059 | ng/ul  | 96     |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 6388m    | 0.052 | ng/ul  | 88     |
| 23) Benzo(a)pyrene         | 23.55 | 252  | 4534     | 0.039 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 26.18 | 276  | 2599     | 0.019 | ng/ul# | 80     |

SJ 06/14/17

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