

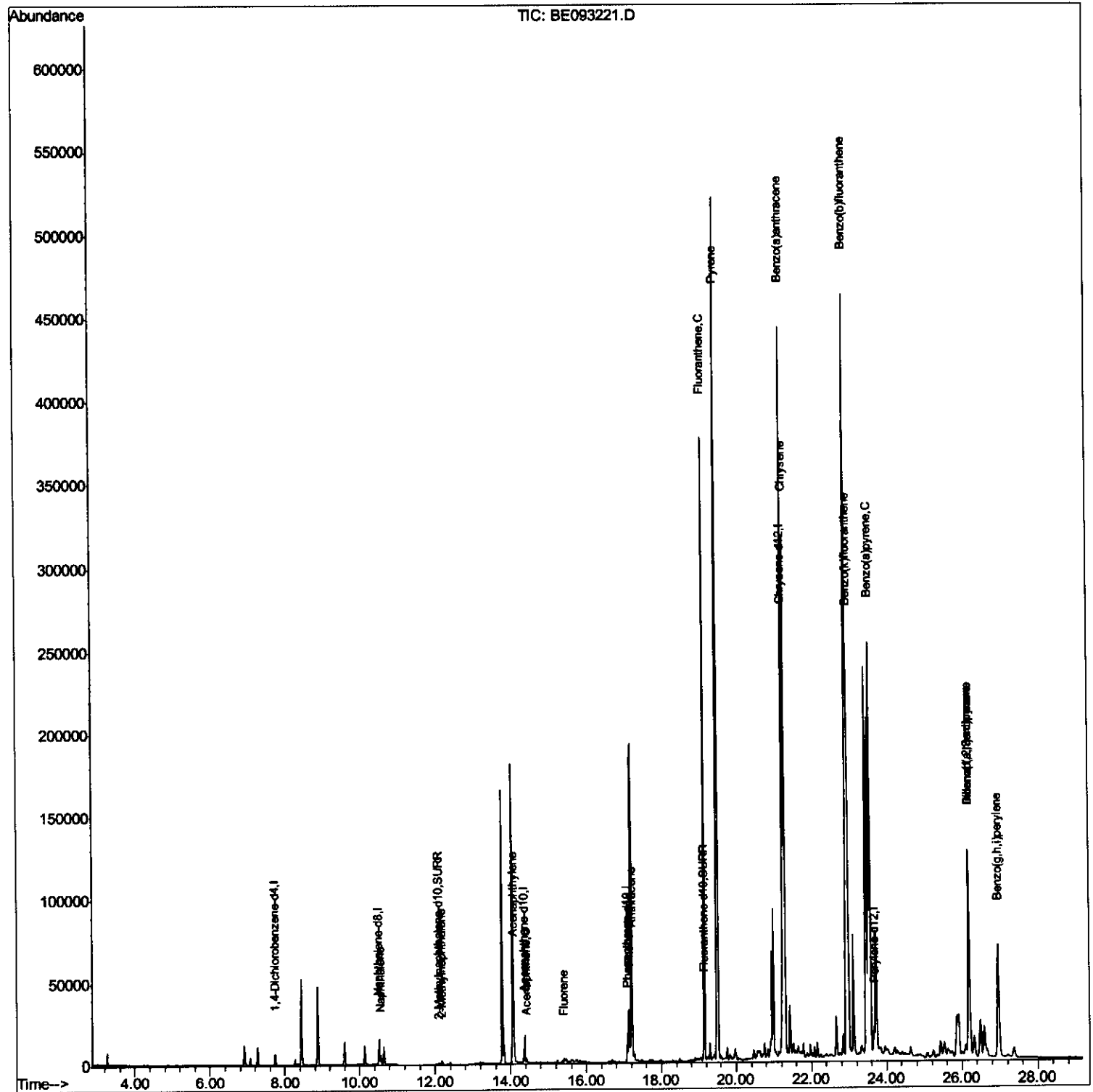
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
 Data File : BE093221.D
 Acq On : 15 Jun 2017 23:00
 Operator : SJ/MA
 Sample : I3522-16DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B17DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:59 AM

Quant Time: Jun 16 05:31:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration



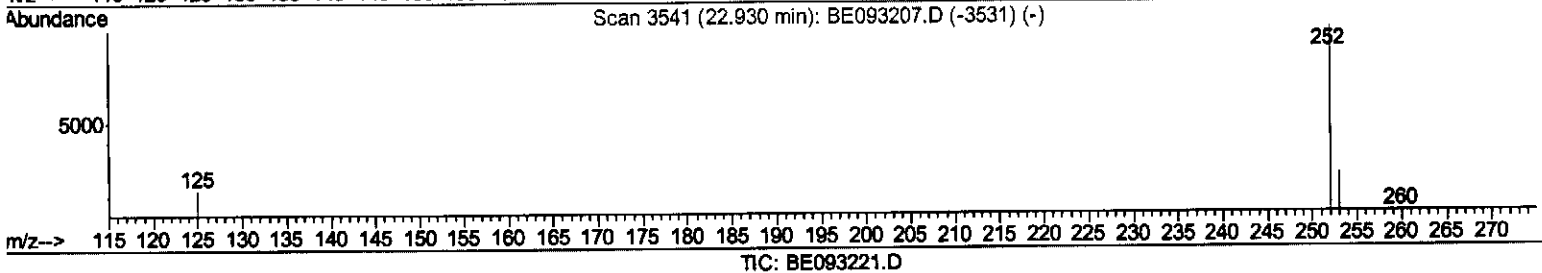
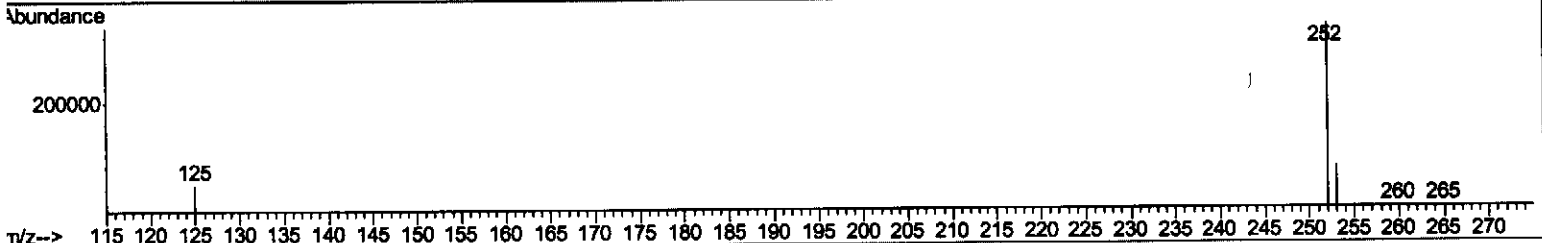
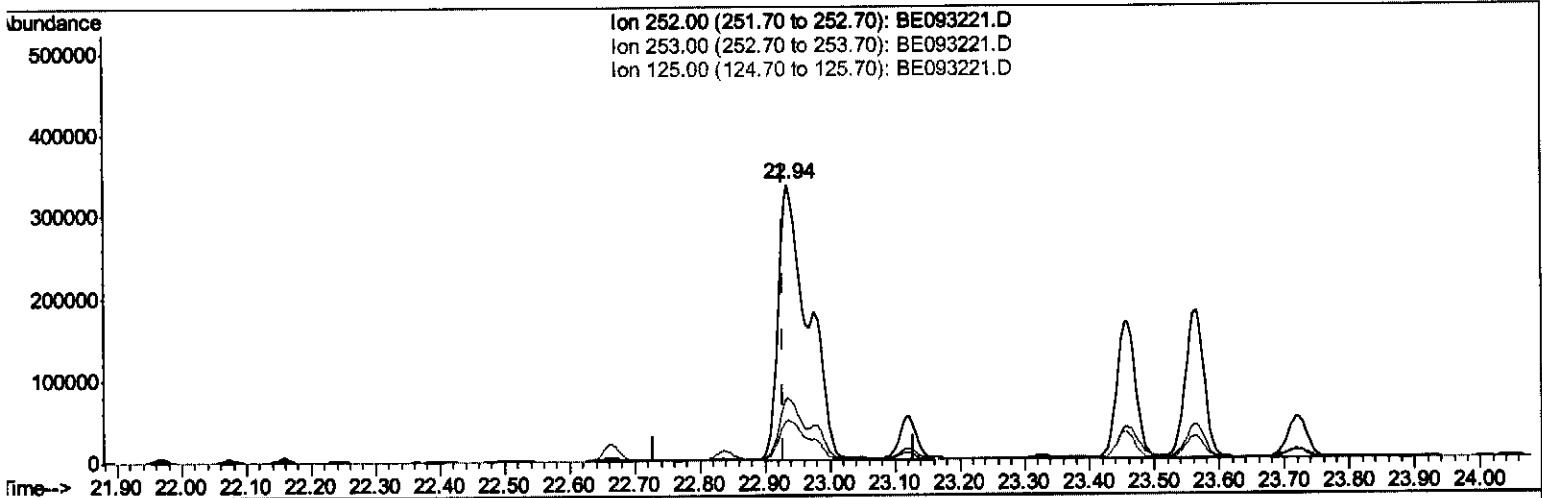
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(21) Benzo(b)fluoranthene
 22.935min (+0.006) 16.86ng/ul
 response 1057271

| Ion | Exp% | Act% |
|--------|-------|-------|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 22.54 |
| 125.00 | 17.50 | 14.53 |
| 0.00 | 0.00 | 0.00 |

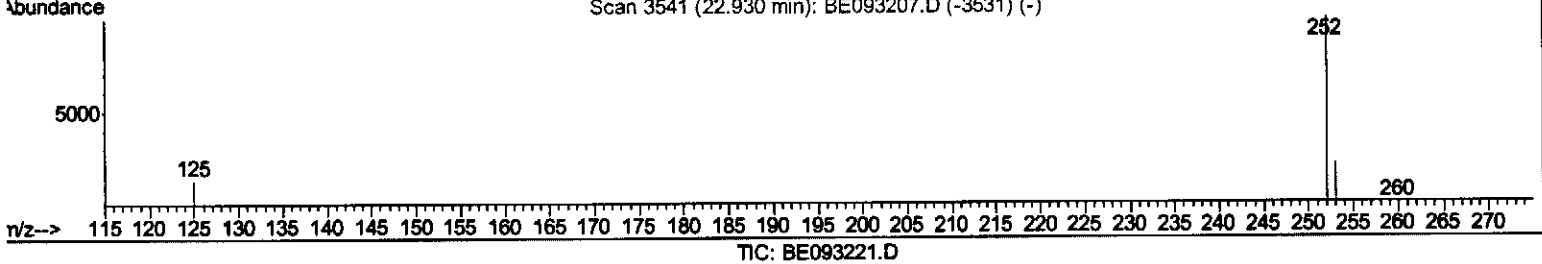
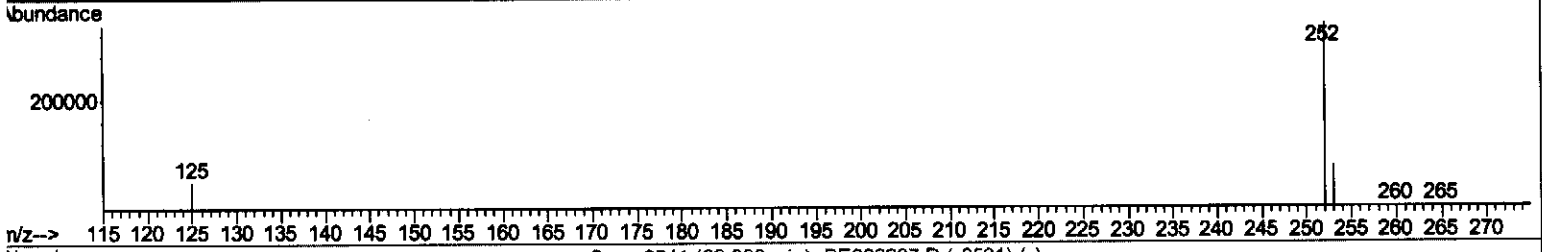
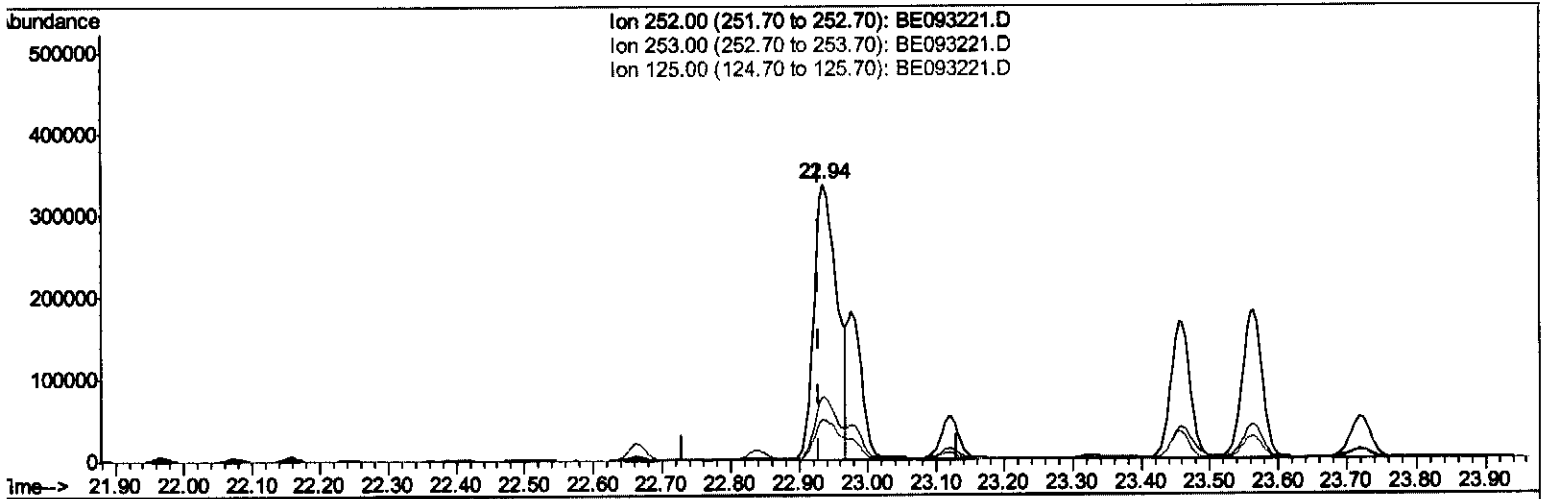
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ClientSampled :
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Manual Integrations
APPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.935min (+0.006) 12.76ng/ul m ^{SS}
response 800125 06/21/17

| Ion | Exp% | Act% |
|--------|-------|-------|
| 252.00 | 100 | 100 |
| 253.00 | 32.10 | 22.54 |
| 125.00 | 17.50 | 14.53 |
| 0.00 | 0.00 | 0.00 |

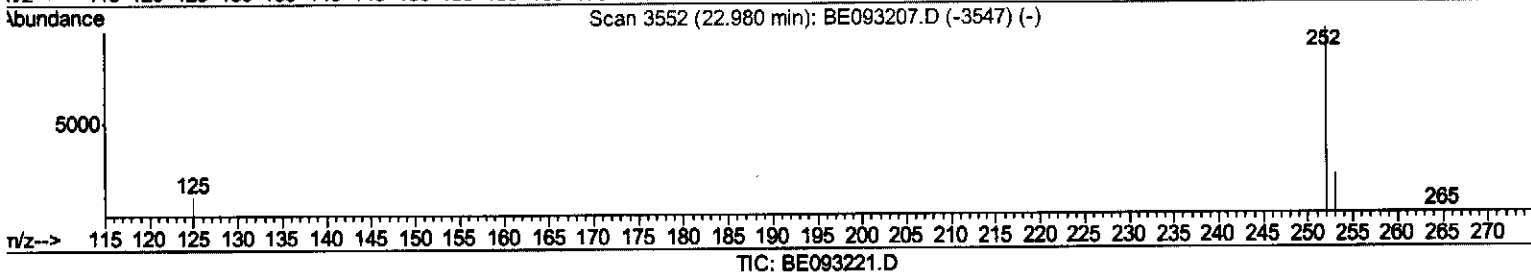
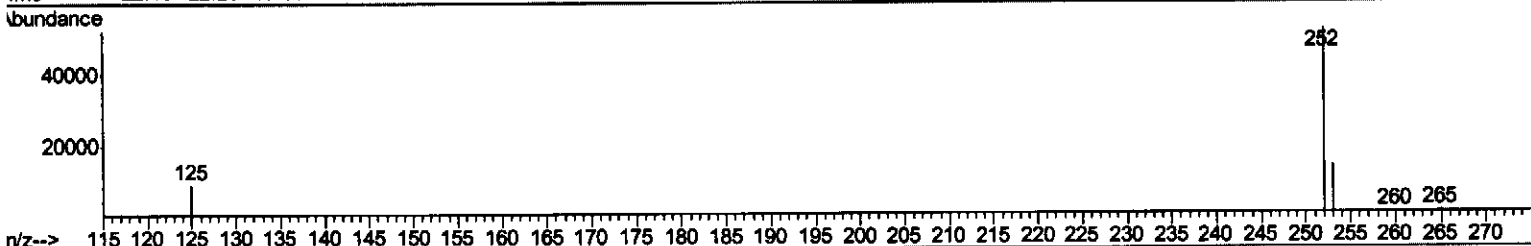
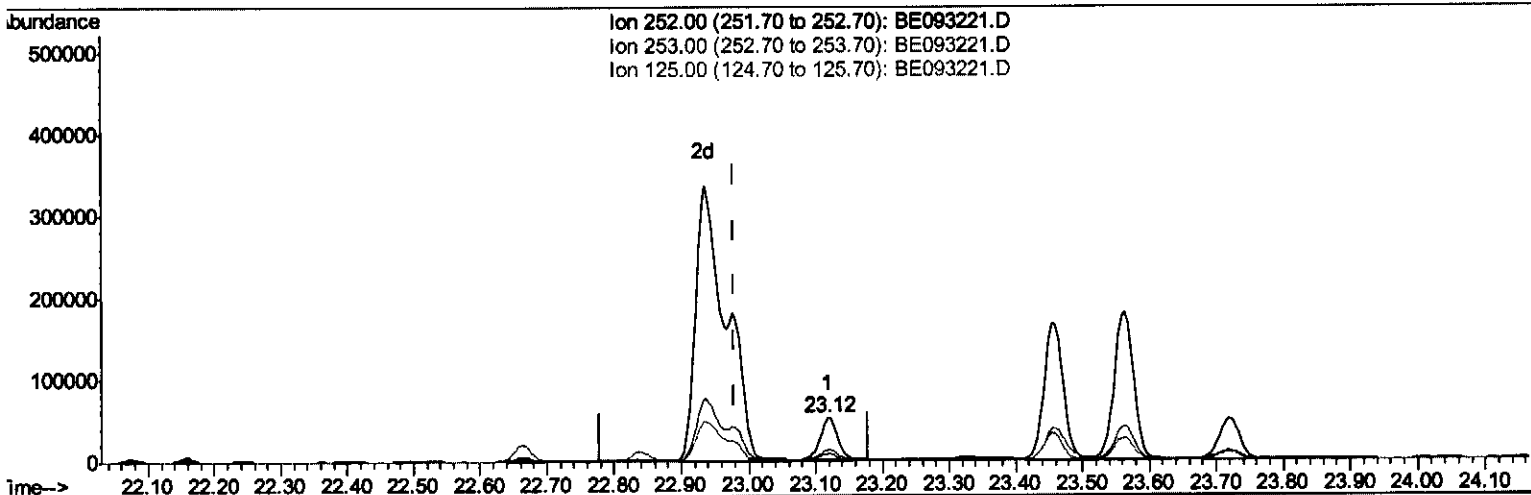
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Instrument :
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 ClientSampled :
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Manual Integrations
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.118min (+0.138) 1.34ng/ul
 response 89202

| Ion | Exp% | Act% |
|--------|-------|-------|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 26.61 |
| 125.00 | 17.10 | 16.99 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

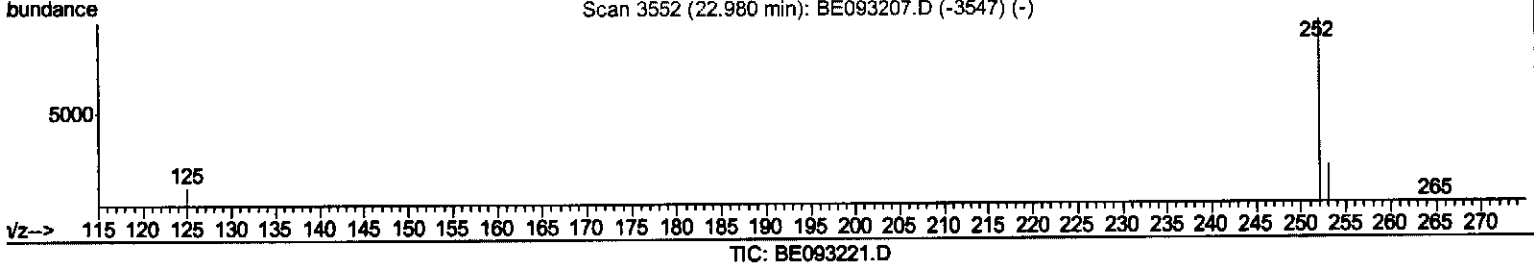
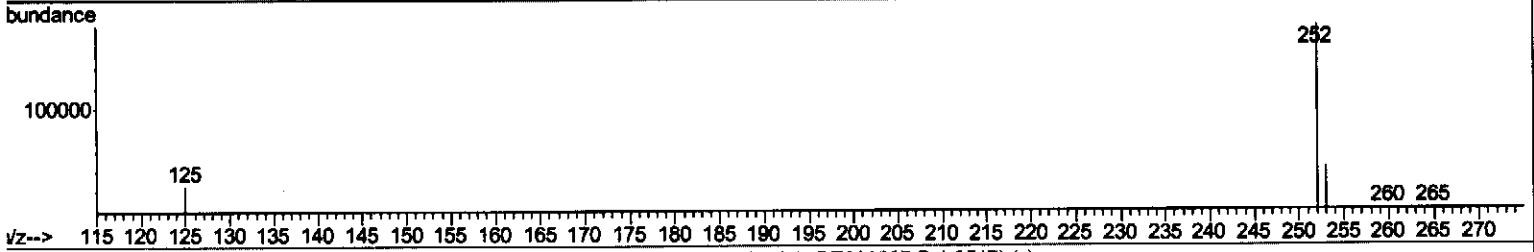
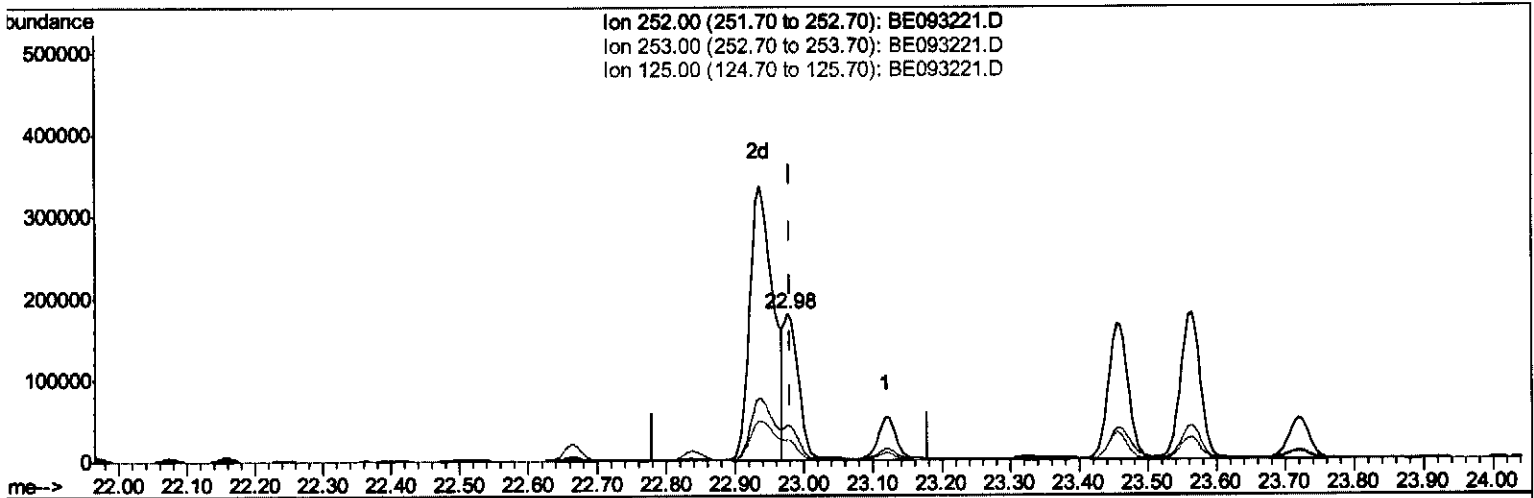
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.978min (-0.003) 3.93ng/ul m

response 261540

> $\frac{SJ}{06121117}$

| Ion | Exp% | Act% |
|--------|-------|--------|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 23.56# |
| 125.00 | 17.10 | 14.05 |
| 0.00 | 0.00 | 0.00 |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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 mohammad
 6/19/2017 11:06:59 AM

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| Internal Standards | R.T. | QI on | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|-------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 3137 | 0.40 | nq/ul | 0.00 |
| 2) Naphthalene-d8 | 10.52 | 136 | 16021 | 0.40 | nq/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.37 | 164 | 9476 | 0.40 | nq/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.10 | 188 | 22737 | 0.40 | nq/ul | 0.00 |
| 16) Chrysene-d12 | 21.26 | 240 | 24333 | 0.40 | nq/ul | 0.00 |
| 20) Perylene-d12 | 23.67 | 264 | 20669 | 0.40 | ng/ul | 0.00 |

| System Monitoring Compounds | R.T. | QI on | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|-------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10 | 12.11 | 152 | 1422 | 0.06 | nq/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.13 | 212 | 3807 | 0.06 | ng/ul | 0.00 |

| Target Compounds | R.T. | QI on | Response | Conc | Units | Ovalue |
|----------------------------|-------|-------|----------|-------|--------|--------|
| 3) Naphthalene | 10.57 | 128 | 8348 | 0.21 | nq/ul# | 92 |
| 5) 2-Methylnaphthalene | 12.19 | 142 | 2065 | 0.08 | nq/ul | 98 |
| 7) Acenaphthylene | 14.08 | 152 | 42958 | 1.06 | nq/ul | 96 |
| 8) Acenaphthene | 14.43 | 153 | 1733 | 0.05 | nq/ul | 96 |
| 9) Fluorene | 15.42 | 166 | 1861 | 0.05 | nq/ul | 89 |
| 12) Phenanthrene | 17.14 | 178 | 34236 | 0.55 | nq/ul# | 87 |
| 13) Anthracene | 17.22 | 178 | 68517 | 1.26 | nq/ul# | 86 |
| 15) Fluoranthene | 19.16 | 202 | 414557 | 5.40 | nq/ul | 83 |
| 17) Pyrene | 19.52 | 202 | 549408 | 7.66 | nq/ul# | 85 |
| 18) Benzo(a)anthracene | 21.25 | 228 | 382323 | 5.89 | nq/ul# | 85 |
| 19) Chrysene | 21.30 | 228 | 396881 | 5.89 | nq/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.94 | 252 | 800125m | 12.76 | nq/ul | |
| 22) Benzo(k)fluoranthene | 22.98 | 252 | 261540m | 3.93 | nq/ul | |
| 23) Benzo(a)pyrene | 23.56 | 252 | 360103 | 6.07 | nq/ul# | 81 |
| 24) Indeno(1,2,3-cd)pyrene | 26.19 | 276 | 207759 | 3.03 | nq/ul# | 87 |
| 25) Dibenzo(a,h)anthracene | 26.19 | 278 | 61021 | 1.06 | nq/ul | 92 |
| 26) Benzo(a,h,i)perylene | 26.96 | 276 | 144482 | 2.45 | nq/ul | 97 |

SJ
 06/21/17

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