

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\  
Quantitation Report (QT Reviewed)

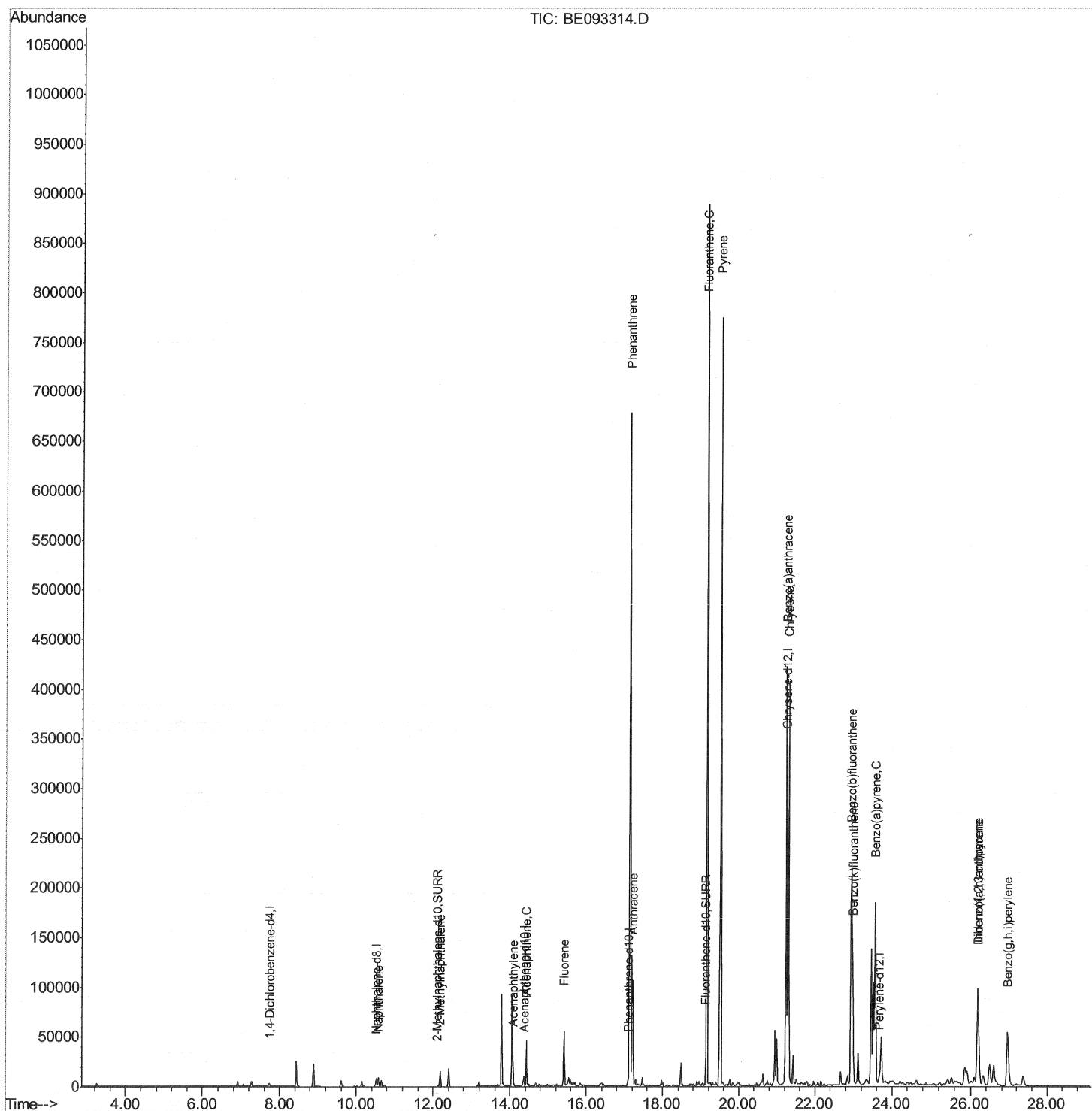
Data File : BE093314.D  
Acq On : 21 Jun 2017 14:16  
Operator : SJ/JU  
Sample : I3627-19DL 5X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5A92DL

Manual Integrations  
APPROVED

mohammad  
6/22/2017 11:48:44 AM

Quant Time: Jun 22 03:22:28 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 22 02:10:17 2017  
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\

Quantitation Report (Qedit)

Data File : BE093314.D

Acq On : 21 Jun 2017 14:16

Operator : SJ/JU

Sample : I3627-19DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A92DL

Manual Integrations  
APPROVED

mohammad  
6/22/2017 11:48:44 AM

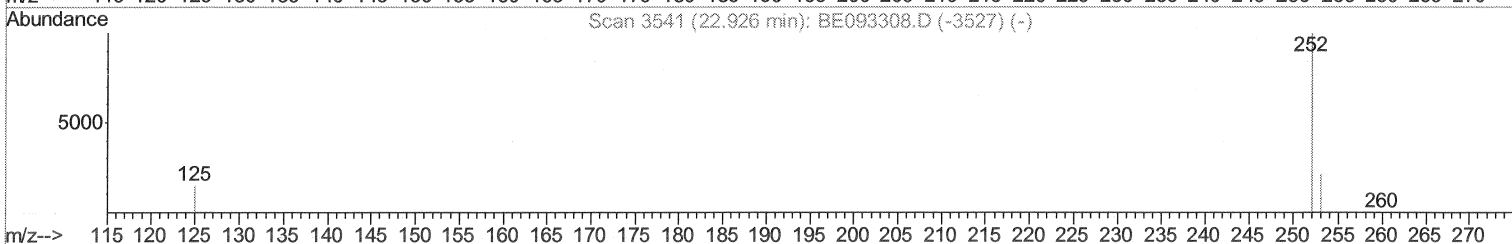
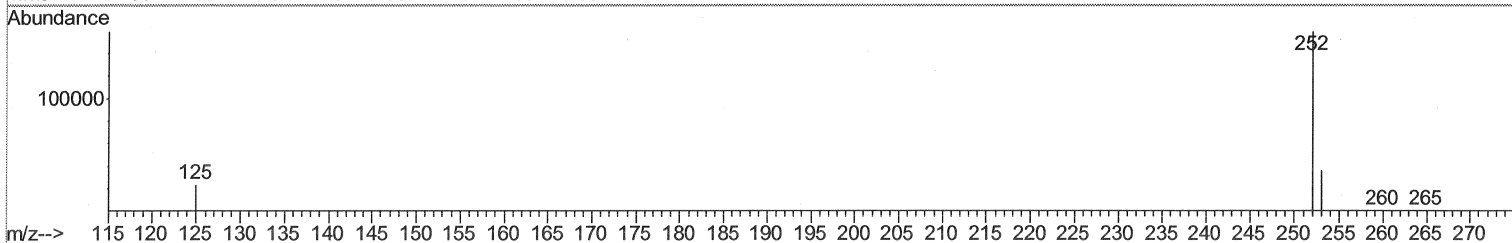
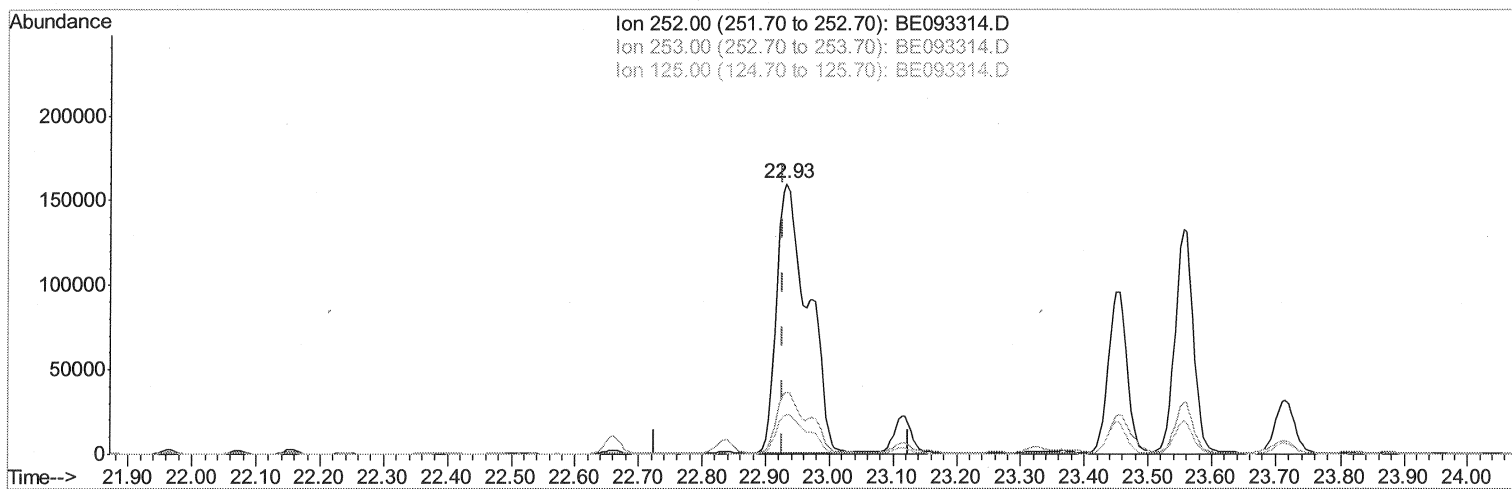
Quant Time: Jun 22 02:11:41 2017

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 22 02:10:17 2017

Response via : Initial Calibration



TIC: BE093314.D

(21) Benzo(b)fluoranthene

22.931min (+0.006) 17.06ng/ul

response 544276

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.95 |
| 125.00 | 17.50 | 14.53 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\

Quantitation Report (Qedit)

Data File : BE093314.D

Acq On : 21 Jun 2017 14:16

Operator : SJ/JU

Sample : I3627-19DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A92DL

Manual Integrations  
APPROVED

mohammad  
6/22/2017 11:48:44 AM

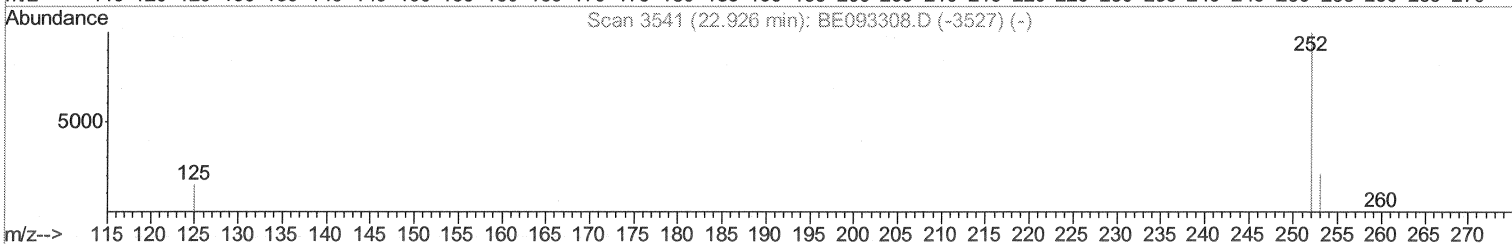
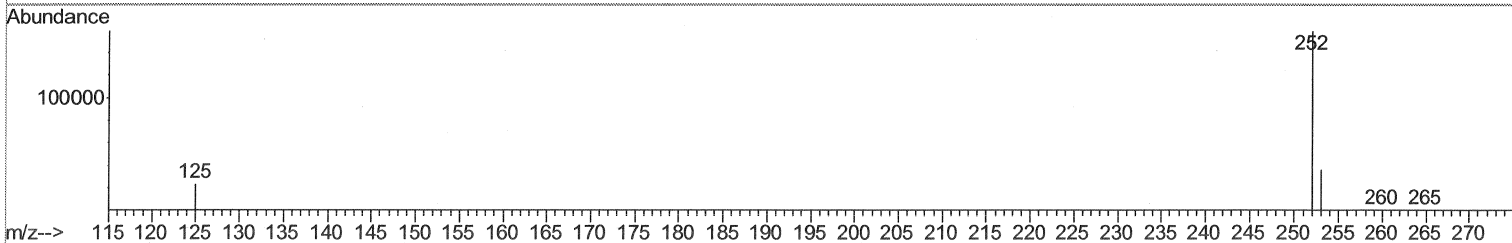
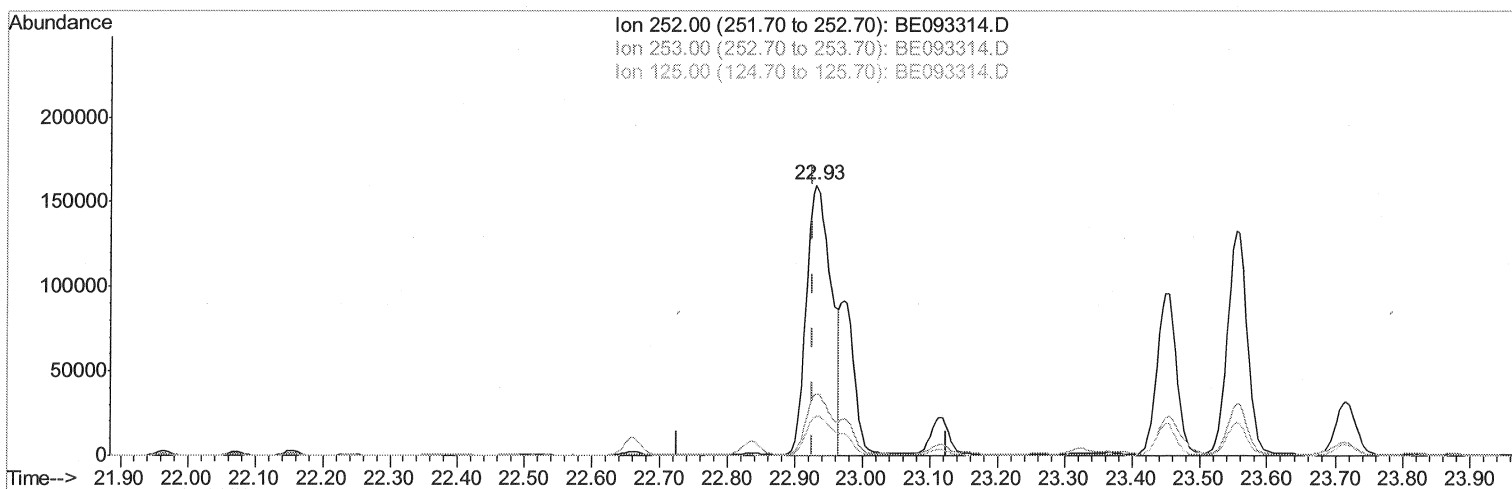
Quant Time: Jun 22 02:11:41 2017

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 22 02:10:17 2017

Response via : Initial Calibration



TIC: BE093314.D

(21) Benzo(b)fluoranthene

22.931min (+0.006) 12.87ng/ul m

response 410457

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.95 |
| 125.00 | 17.50 | 14.53 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\

Quantitation Report (Qedit)

Data File : BE093314.D

Acq On : 21 Jun 2017 14:16

Operator : SJ/JU

Sample : I3627-19DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A92DL

Manual Integrations  
APPROVED

mohammad  
6/22/2017 11:48:44 AM

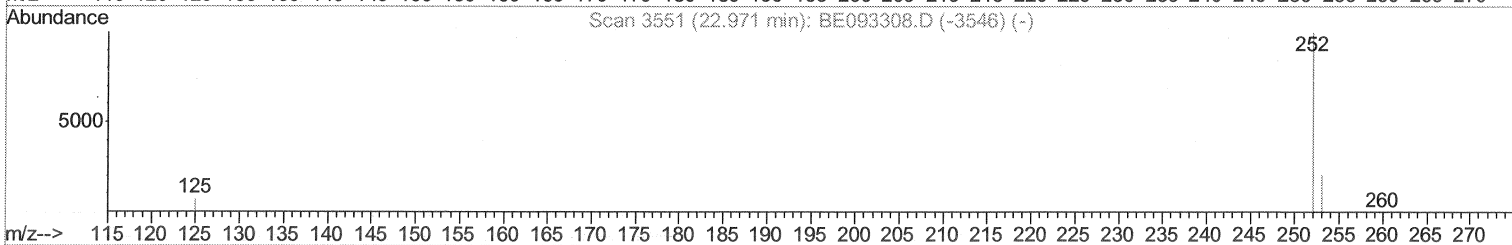
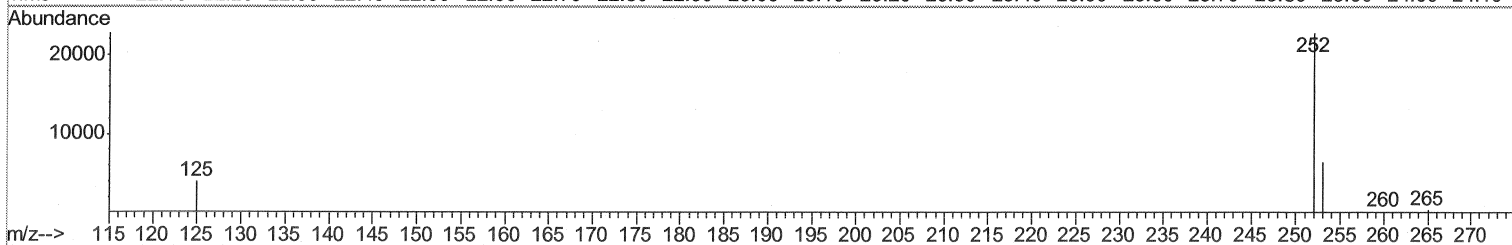
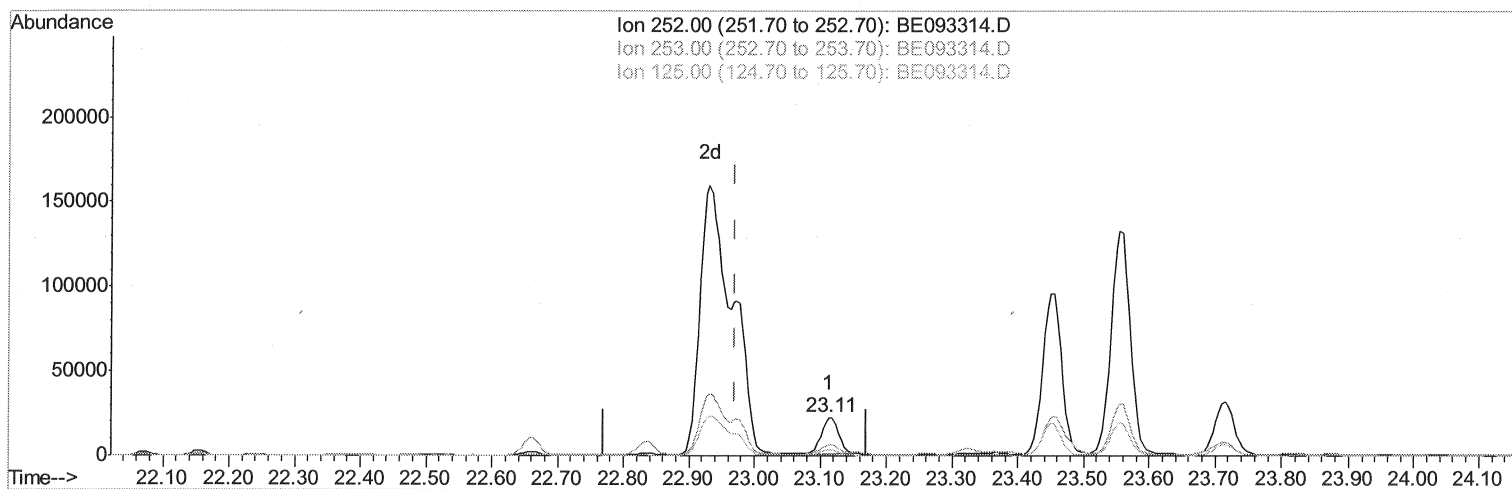
Quant Time: Jun 22 02:11:41 2017

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 22 02:10:17 2017

Response via : Initial Calibration



TIC: BE093314.D

(22) Benzo(k)fluoranthene

23.114min (+0.142) 1.15ng/ul

response 39048

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 28.22 |
| 125.00 | 17.10 | 17.39 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\

Quantitation Report (Qedit)

Data File : BE093314.D

Acq On : 21 Jun 2017 14:16

Operator : SJ/JU

Sample : I3627-19DL 5X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A92DL

Manual Integrations  
APPROVED

mohammad

6/22/2017 11:48:44 AM

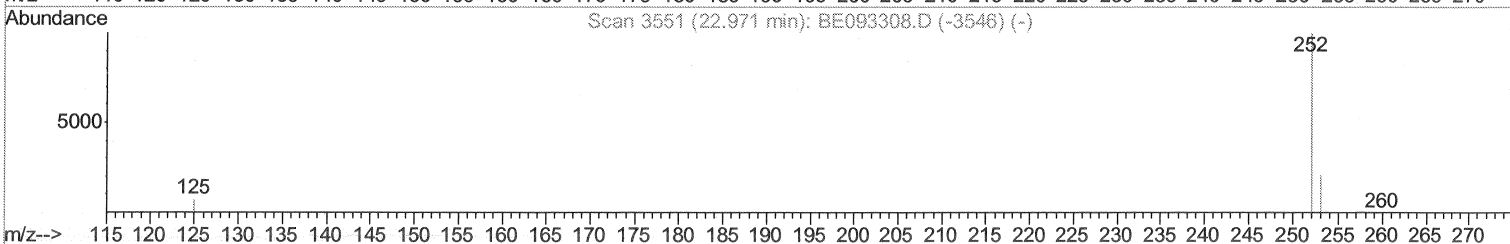
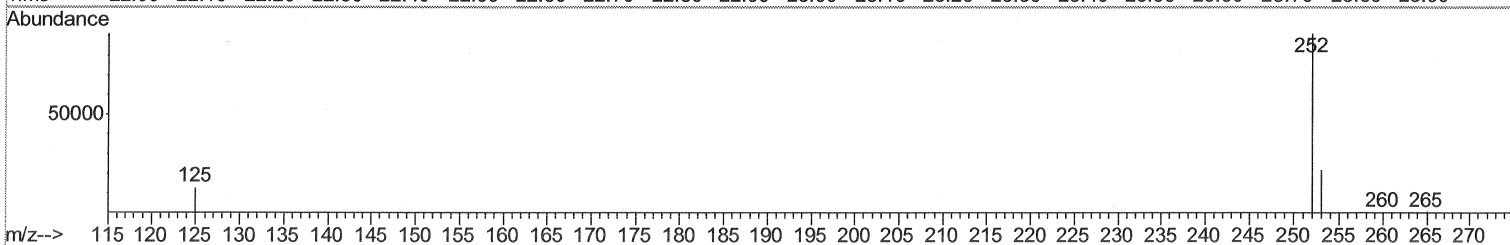
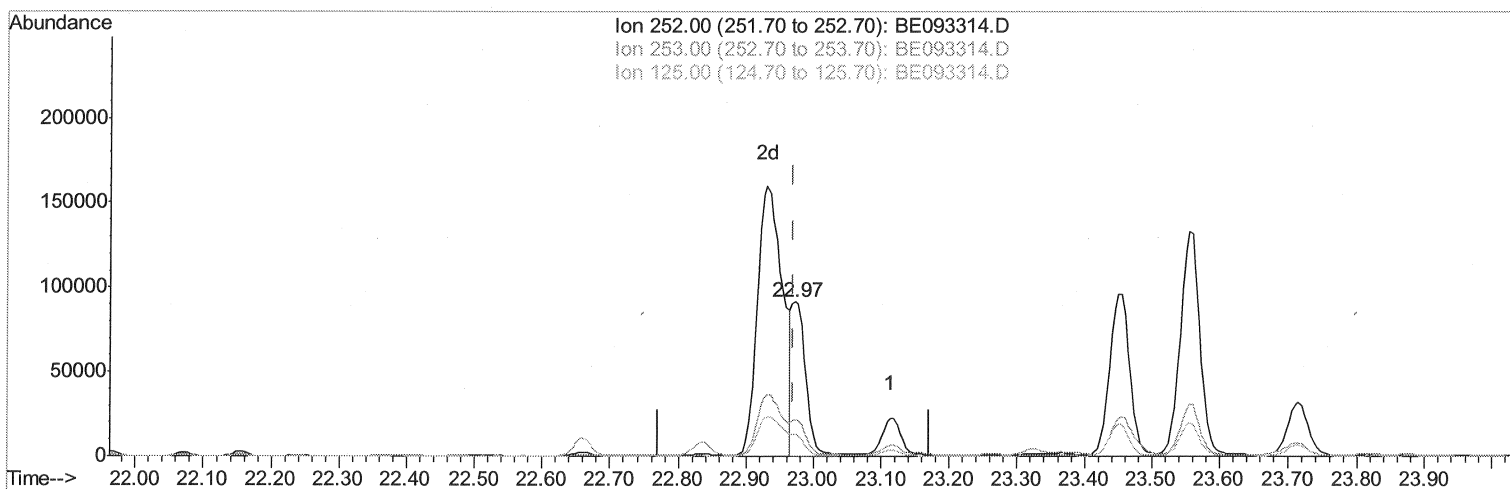
Quant Time: Jun 22 02:11:41 2017

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 22 02:10:17 2017

Response via : Initial Calibration



TIC: BE093314.D

(22) Benzo(k)fluoranthene

22.972min (+0.001) 4.01ng/ul m

response 135816

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.77# |
| 125.00 | 17.10 | 14.09  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062117\  
Quantitation Report (QT Reviewed)

Data File : BE093314.D  
Acq On : 21 Jun 2017 14:16  
Operator : SJ/JU  
Sample : I3627-19DL 5X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5A92DL

Manual Integrations  
APPROVED

mohammad  
6/22/2017 11:48:44 AM

Quant Time: Jun 22 03:22:28 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 22 02:10:17 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 1454     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.51 | 136  | 7819     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.36 | 164  | 4931     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 11943    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 12823    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.66 | 264  | 10513    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 707      | 0.06 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.12 | 212  | 2082     | 0.06 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue      |
|----------------------------|-------|------|----------|-------|--------|-------------|
| 3) Naphthalene             | 10.56 | 128  | 13899    | 0.72  | ng/ul# | 92          |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 13401    | 1.01  | ng/ul  | 99          |
| 7) Acenaphthylene          | 14.08 | 152  | 10848    | 0.51  | ng/ul# | 96          |
| 8) Acenaphthene            | 14.42 | 153  | 26087    | 1.53  | ng/ul  | 98          |
| 9) Fluorene                | 15.42 | 166  | 34912    | 1.74  | ng/ul  | 95          |
| 12) Phenanthrene           | 17.14 | 178  | 707189   | 21.52 | ng/ul# | 88          |
| 13) Anthracene             | 17.22 | 178  | 117543   | 4.11  | ng/ul# | 90          |
| 15) Fluoranthene           | 19.15 | 202  | 941437   | 23.36 | ng/ul  | 84          |
| 17) Pyrene                 | 19.51 | 202  | 811464   | 21.46 | ng/ul# | 88          |
| 18) Benzo(a)anthracene     | 21.24 | 228  | 368302   | 10.77 | ng/ul# | 85          |
| 19) Chrysene               | 21.29 | 228  | 385501   | 10.86 | ng/ul  | 99          |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 410457m  | 12.87 | ng/ul} | 35 06/26/17 |
| 22) Benzo(k)fluoranthene   | 22.97 | 252  | 135816m  | 4.01  | ng/ul} |             |
| 23) Benzo(a)pyrene         | 23.56 | 252  | 265473   | 8.80  | ng/ul# |             |
| 24) Indeno(1,2,3-cd)pyrene | 26.18 | 276  | 161308   | 4.62  | ng/ul# | 86          |
| 25) Dibenzo(a,h)anthracene | 26.20 | 278  | 47671    | 1.62  | ng/ul  | 92          |
| 26) Benzo(g,h,i)perylene   | 26.96 | 276  | 122559   | 4.09  | ng/ul  | 96          |

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