

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062017\

Quantitation Report (QT Reviewed)

Data File : BE093296.D

Acq On : 21 Jun 2017 00:05

Operator : SJ/JU

Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A89

Manual Integrations  
APPROVED

mohammad  
6/21/2017 12:19:05 PM

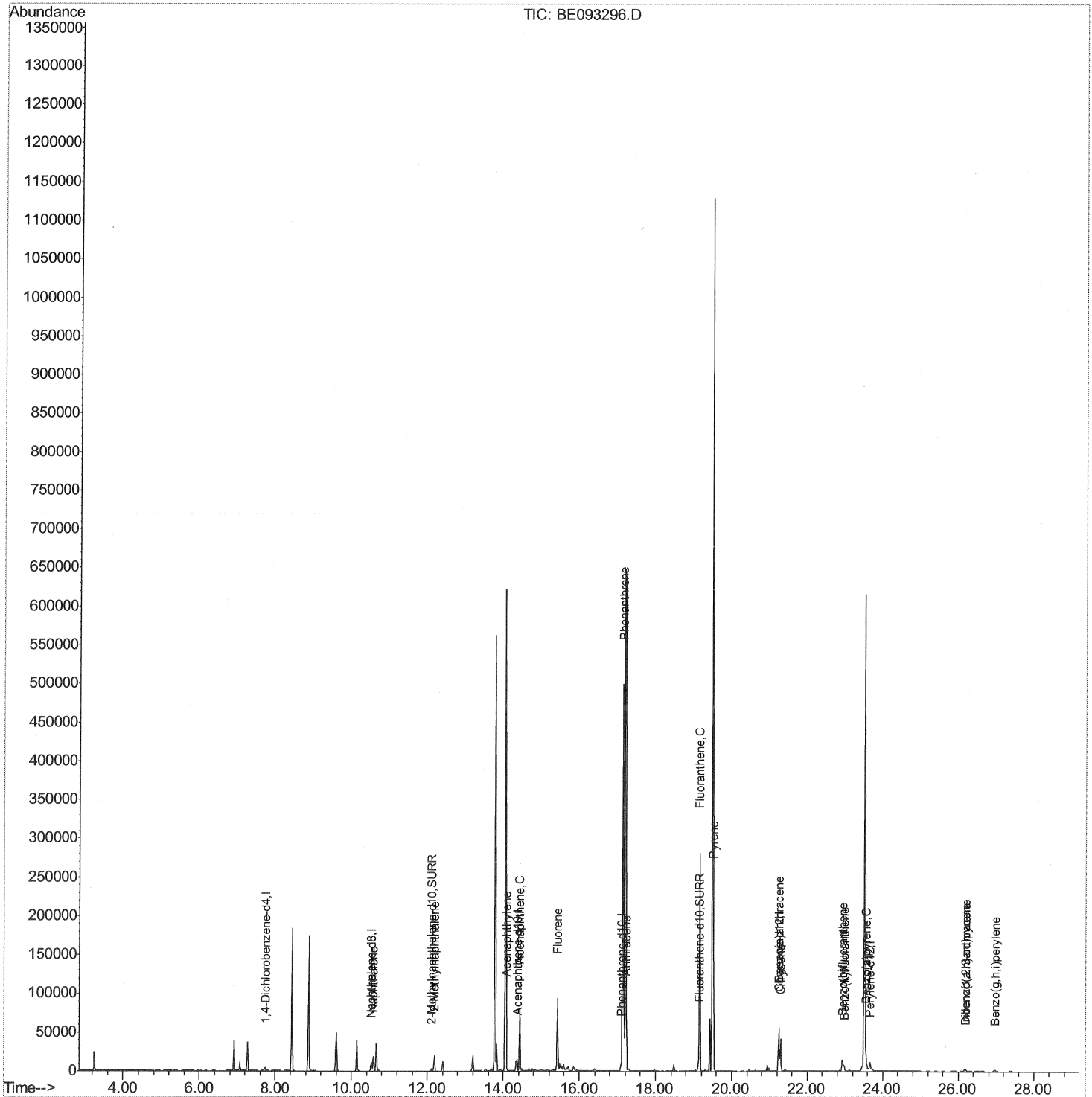
Quant Time: Jun 21 04:04:39 2017

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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APPROVED

mohammad  
6/21/2017 12:19:05 PM

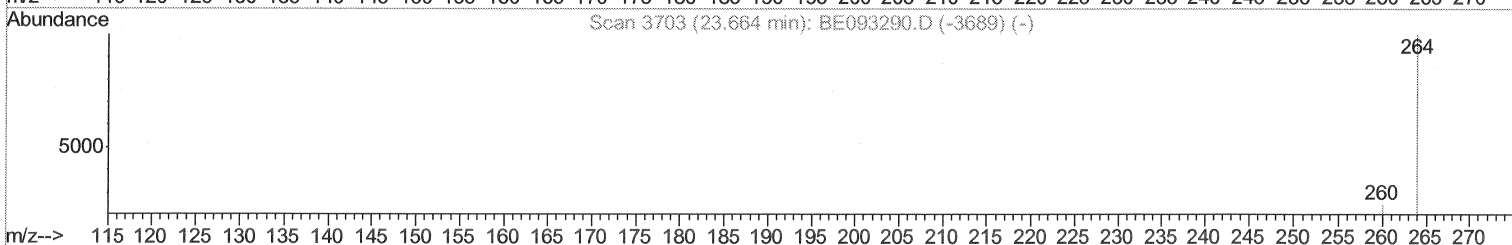
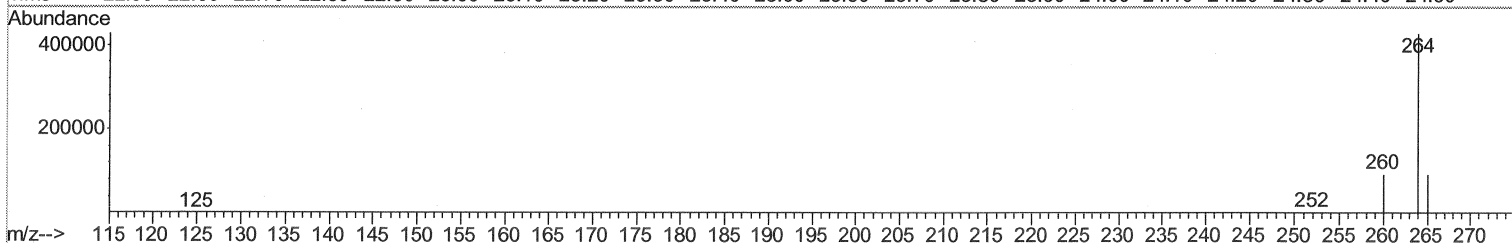
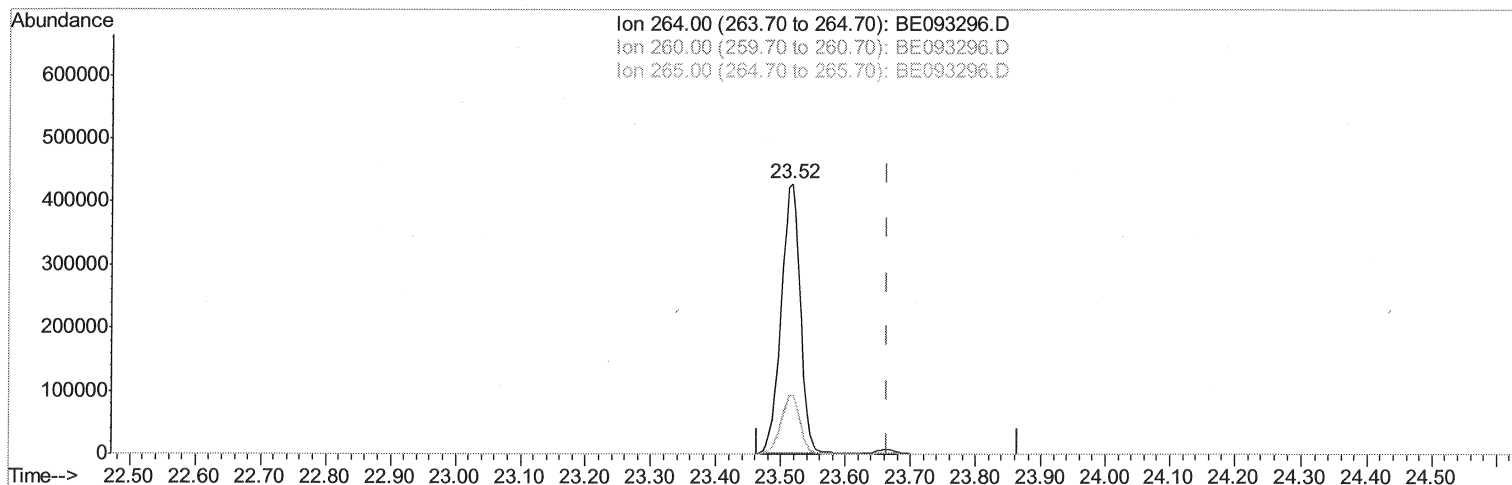
Quant Time: Jun 21 03:24:47 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BE093296.D

(20) Perylene-d12 (I)

23.518min (-0.146) 0.40ng/ul

response 885011

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.70# |
| 265.00 | 103.50 | 21.63# |
| 0.00   | 0.00   | 0.00   |

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BNA\_E

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Manual Integrations  
APPROVED

mohammad  
6/21/2017 12:19:05 PM

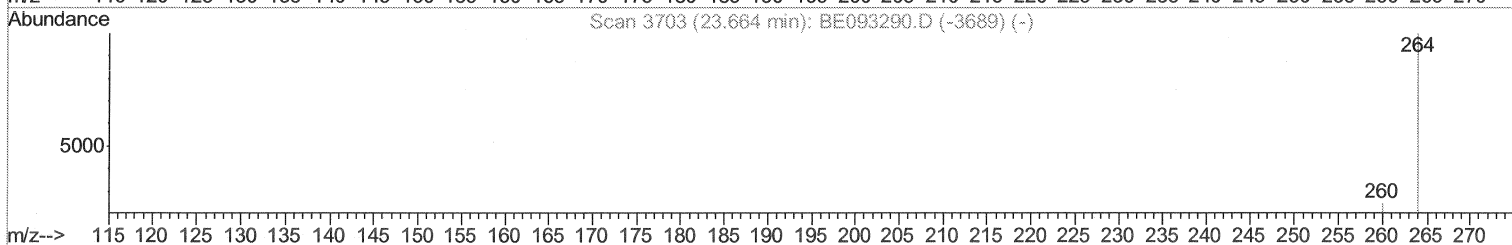
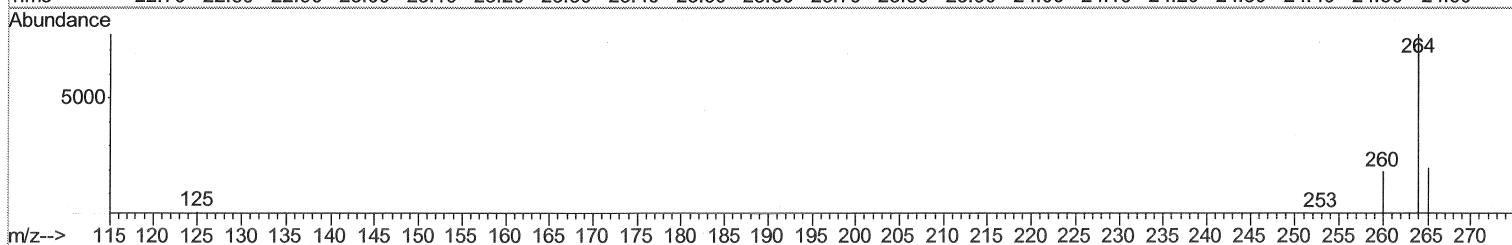
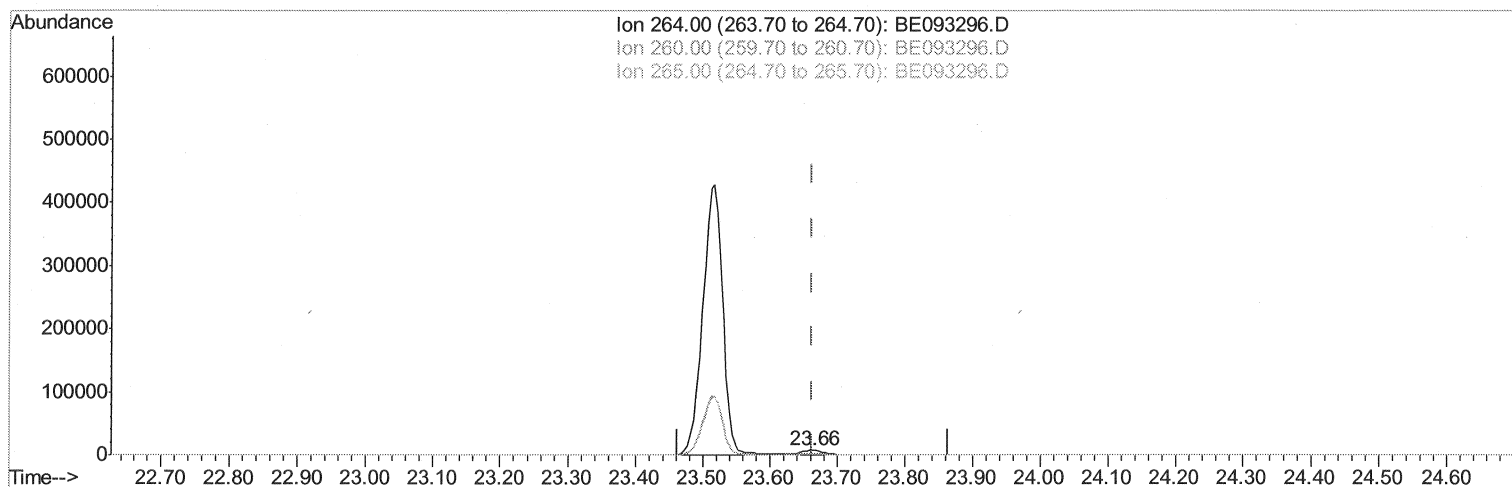
Quant Time: Jun 21 03:24:47 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

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TIC: BE093296.D

(20) Perylene-d12 (I)

23.663min (-0.001) 0.40ng/ul m

SJ 6/26/17

response 13799

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 25.20  |
| 265.00 | 103.50 | 27.35# |
| 0.00   | 0.00   | 0.00   |

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Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

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Manual Integrations  
APPROVED

mohammad  
6/21/2017 12:19:05 PM

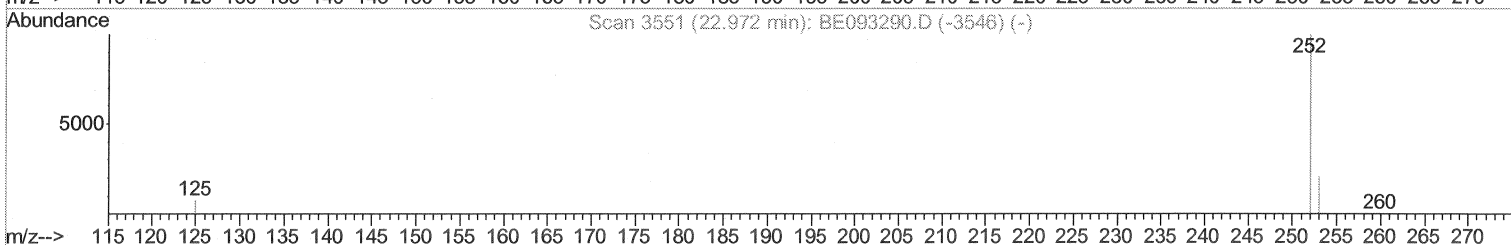
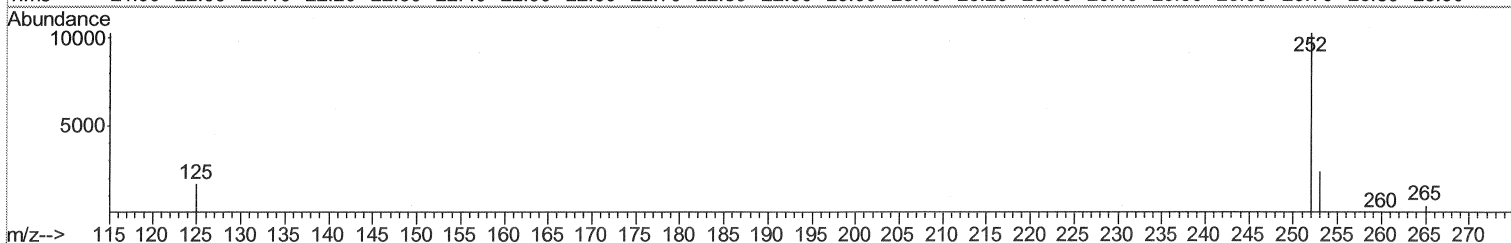
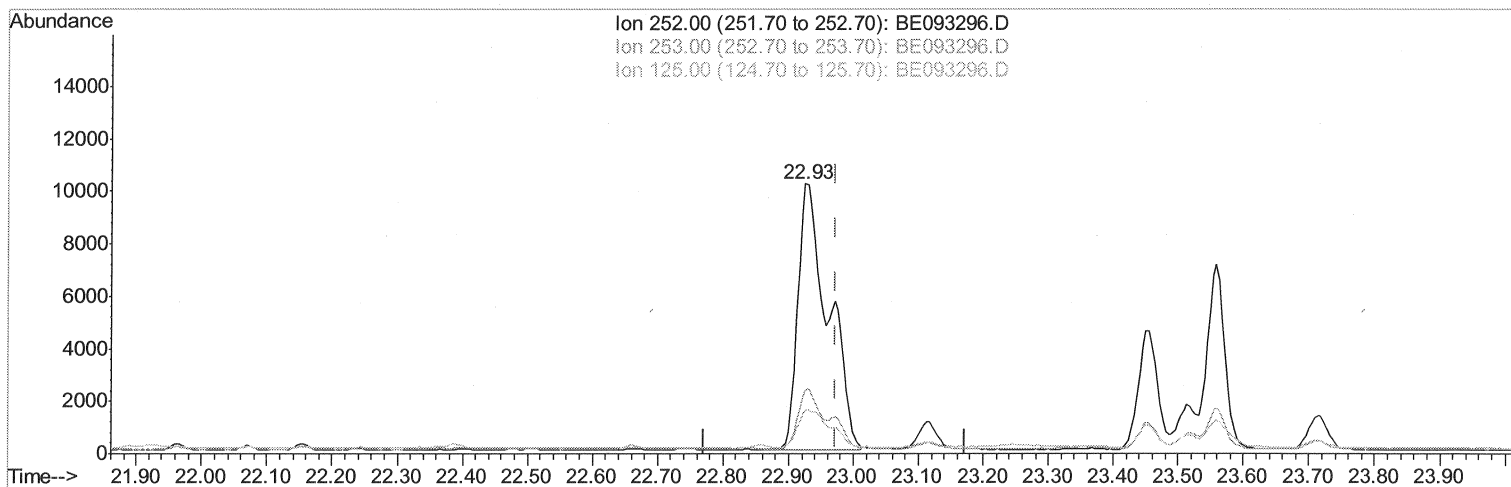
Quant Time: Jun 21 04:03:28 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 21 03:23:49 2017

Response via : Initial Calibration



TIC: BE093296.D

(22) Benzo(k)fluoranthene

22.926min (-0.046) 0.74ng/ul

response 33035

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.11# |
| 125.00 | 17.10 | 16.15  |
| 0.00   | 0.00  | 0.00   |

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Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A89

Manual Integrations  
APPROVED

mohammad  
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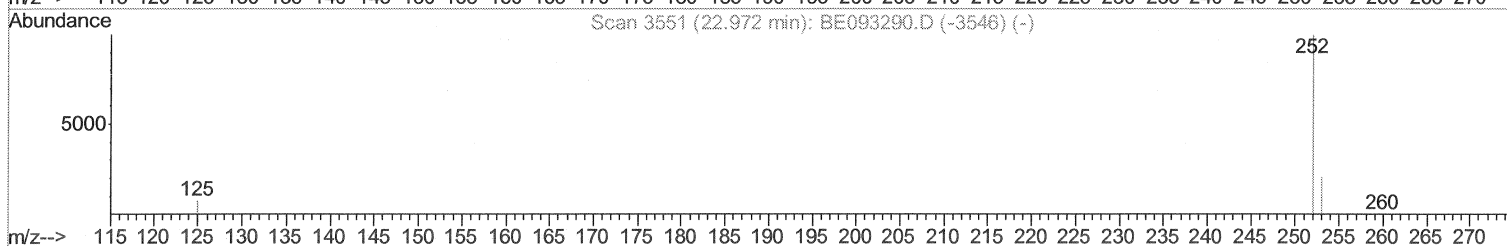
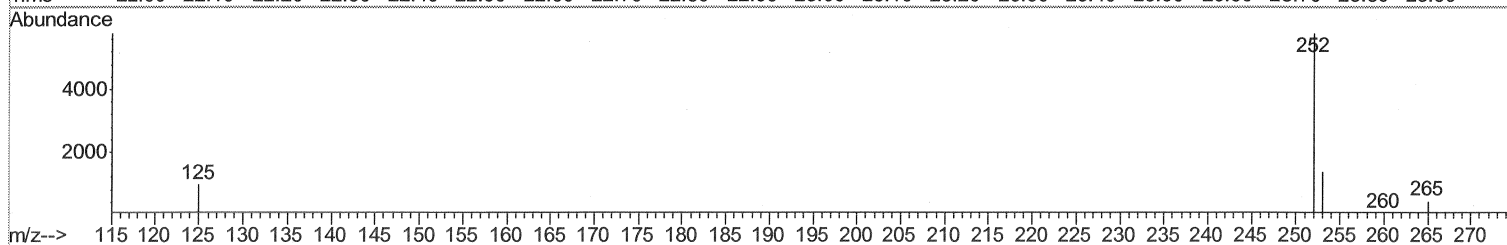
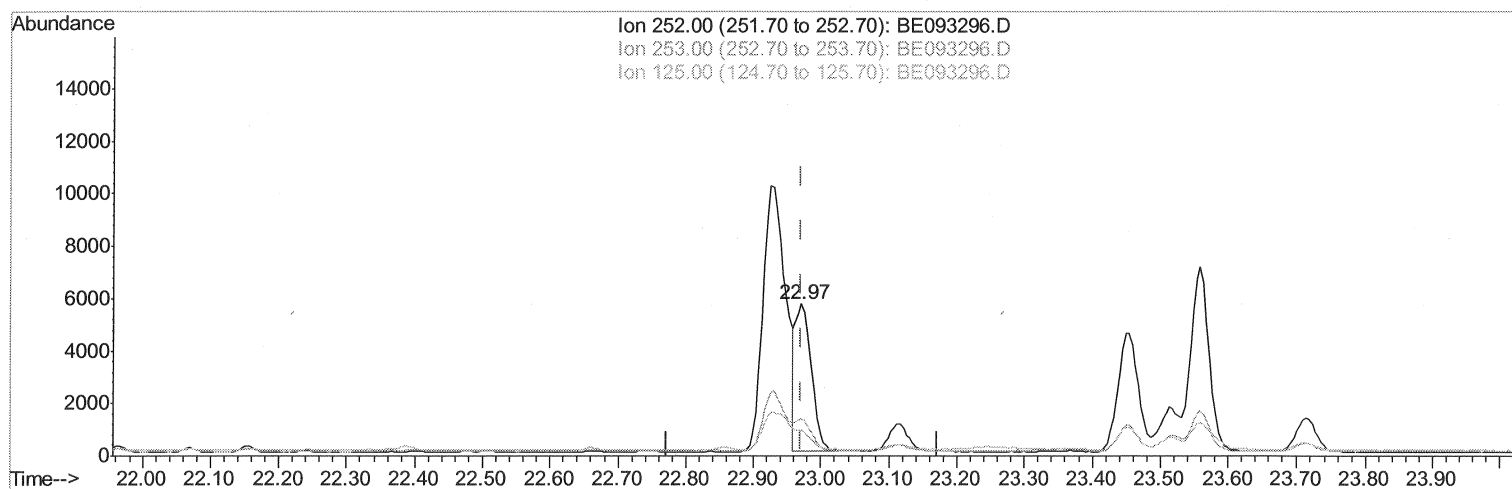
Quant Time: Jun 21 04:03:28 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BE093296.D

(22) Benzo(k)fluoranthene

22.971min (-0.001) 0.21ng/ul m

SJ 6/26/17

response 9318

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.91# |
| 125.00 | 17.10 | 16.84  |
| 0.00   | 0.00  | 0.00   |

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

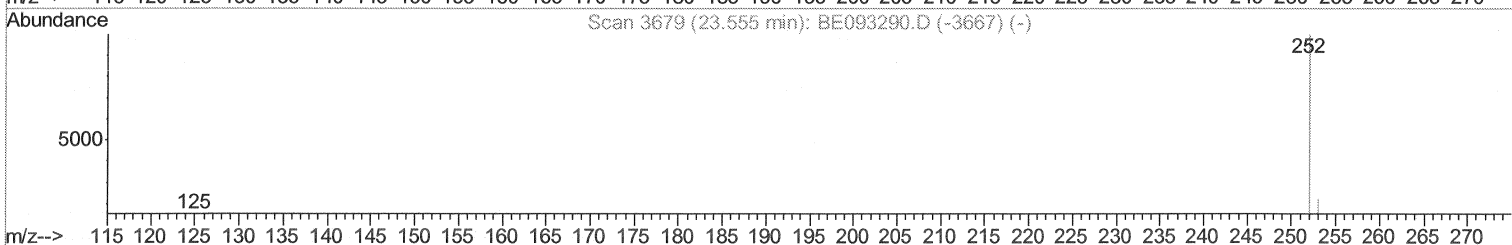
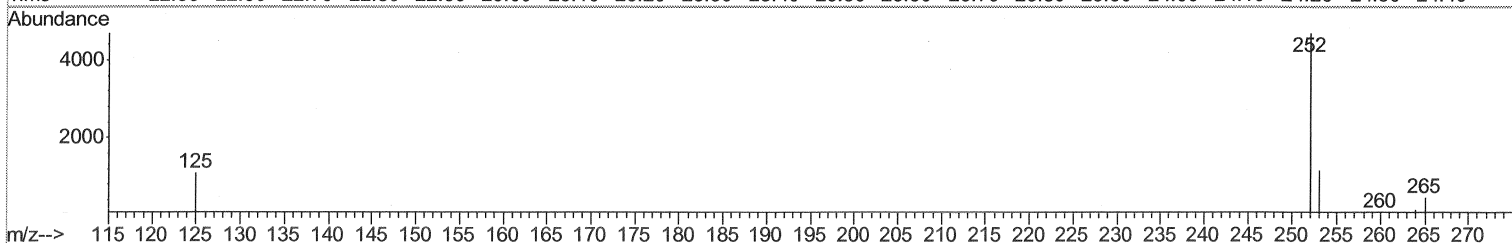
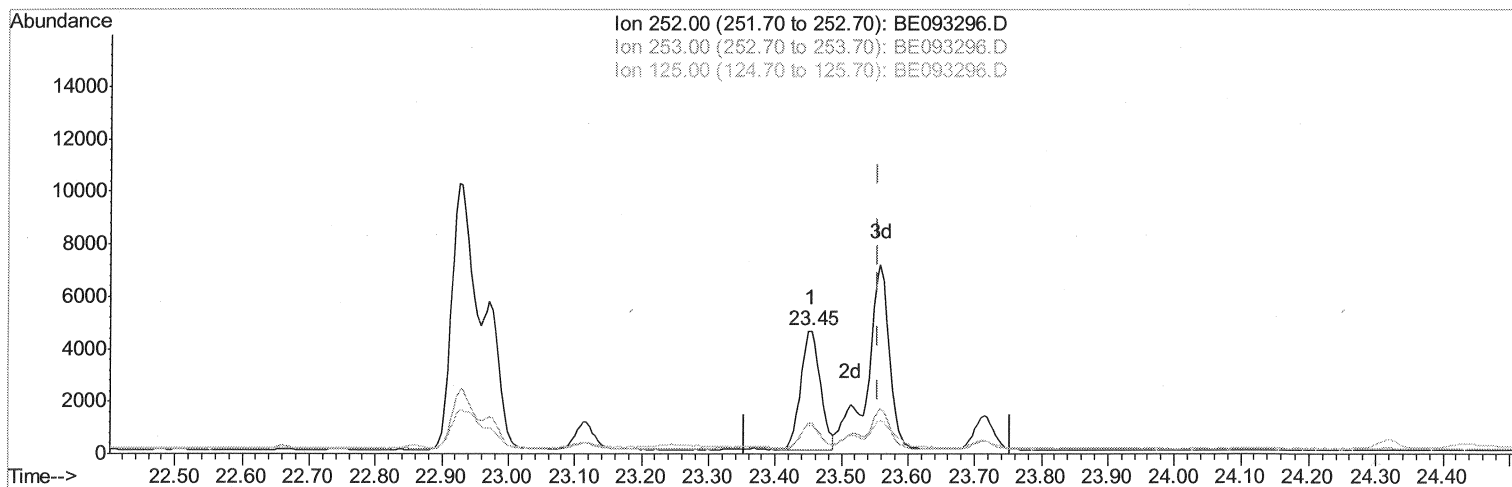
Data File : BE093296.D  
Acq On : 21 Jun 2017 00:05  
Operator : SJ/JU  
Sample : I3627-16  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F5A89

Manual Integrations  
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Quant Time: Jun 21 04:03:28 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 21 03:23:49 2017  
Response via : Initial Calibration



TIC: BE093296.D

(23) Benzo(a)pyrene (C)  
23.454min (-0.101) 0.24ng/ul  
response 9432  
Ion Exp% Act%  
252.00 100 100  
253.00 35.60 24.64#  
125.00 22.60 23.26  
0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093296.D

Acq On : 21 Jun 2017 00:05

Operator : SJ/JU

Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 21 04:03:28 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 21 03:23:49 2017

Response via : Initial Calibration

Instrument :

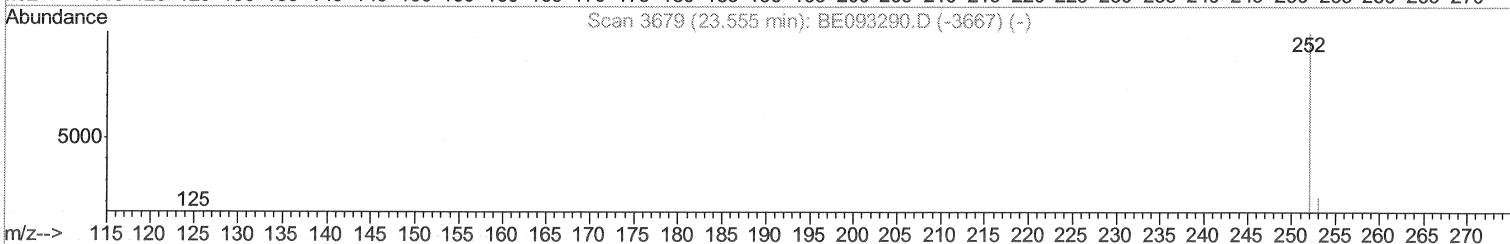
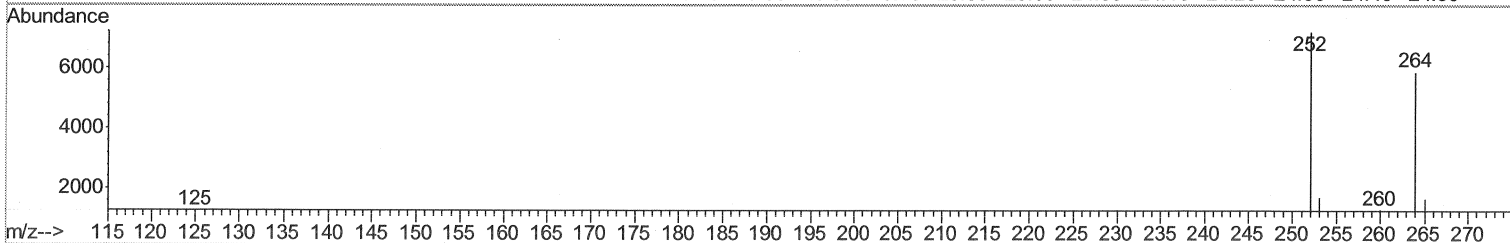
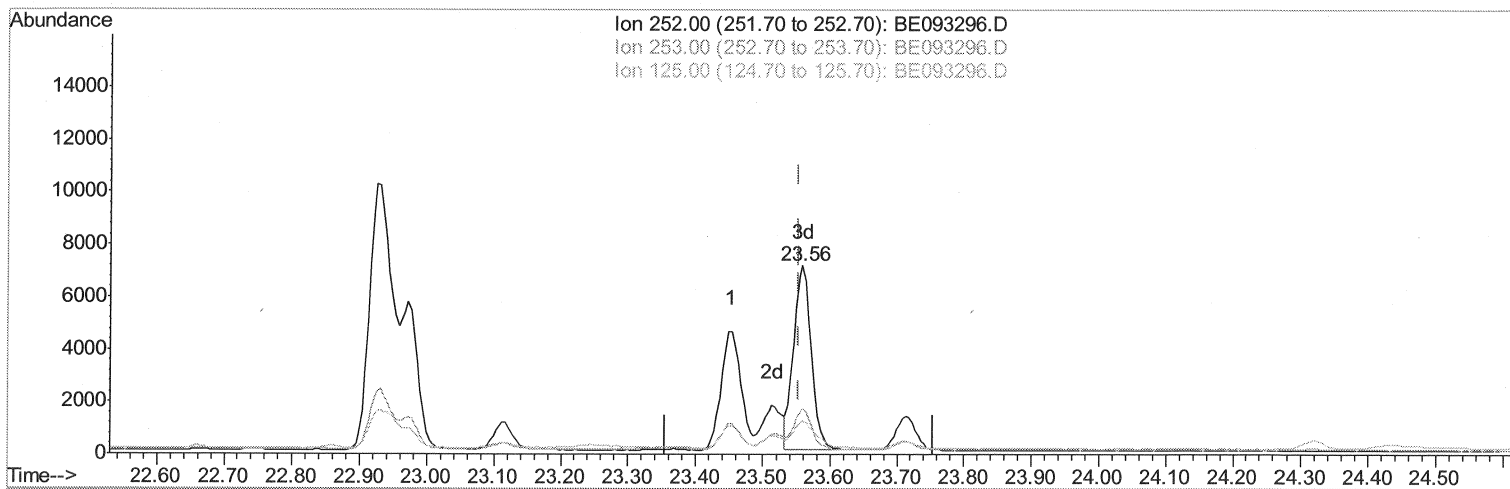
BNA\_E

ClientSampleId :

F5A89

Manual Integrations  
APPROVED

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6/21/2017 12:19:05 PM



TIC: BE093296.D

(23) Benzo(a)pyrene (C)

23.559min (+0.004) 0.32ng/ul m

SJ 6/26/17

response 12815

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 24.05# |
| 125.00 | 22.60 | 17.74# |
| 0.00   | 0.00  | 0.00   |



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Quantitation Report (Qedit)

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Operator : SJ/JU

Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampleId :

F5A89

Manual Integrations  
APPROVED

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6/21/2017 12:19:05 PM

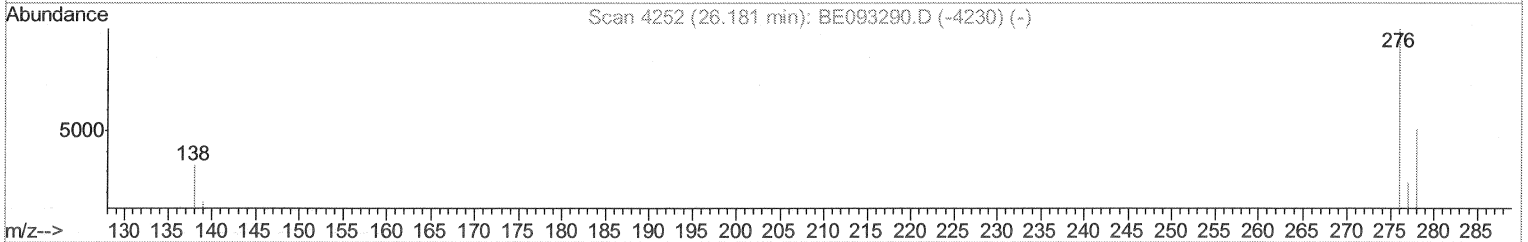
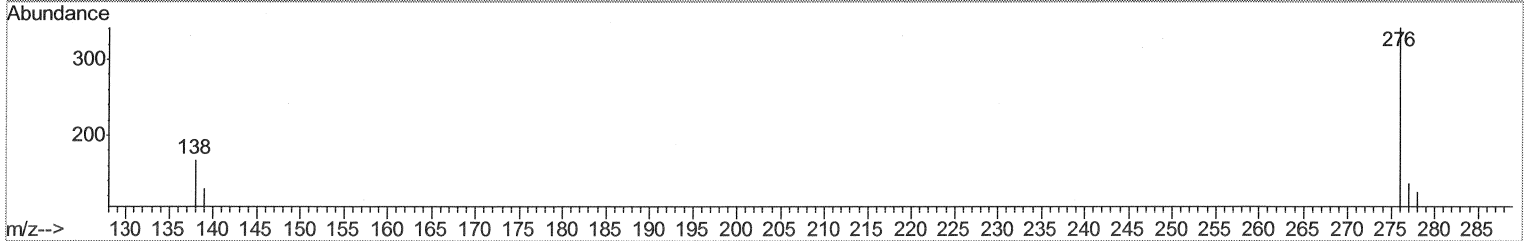
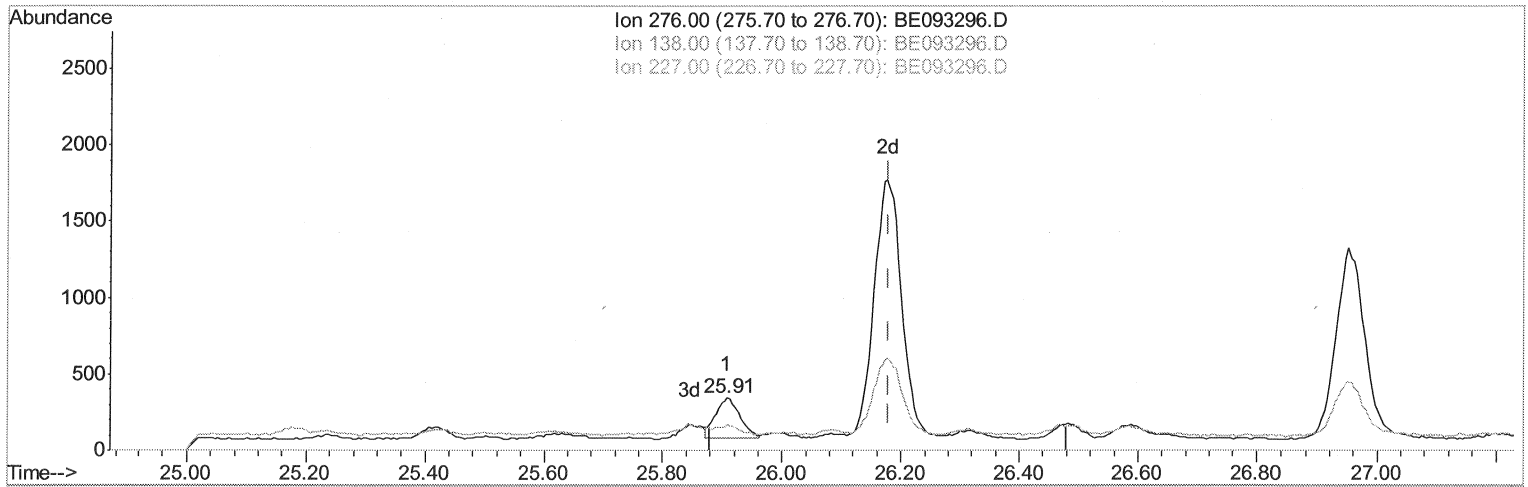
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TIC: BE093296.D

(24) Indeno(1,2,3-cd)pyrene

25.908min (-0.272) 0.02ng/ul

response 747

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 35.00 | 23.03# |
| 227.00 | 10.00 | 0.00#  |
| 0.00   | 0.00  | 0.00   |



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Quantitation Report (Qedit)

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Acq On : 21 Jun 2017 00:05

Operator : SJ/JU

Sample : I3627-16

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA\_E

ClientSampled :

F5A89

Manual Integrations  
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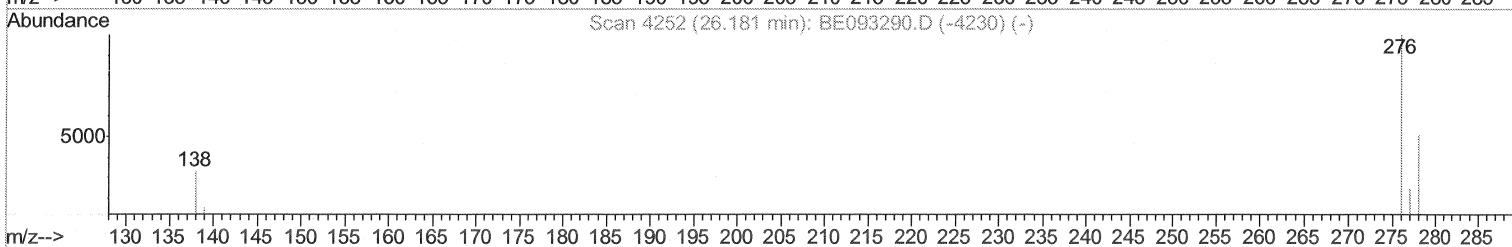
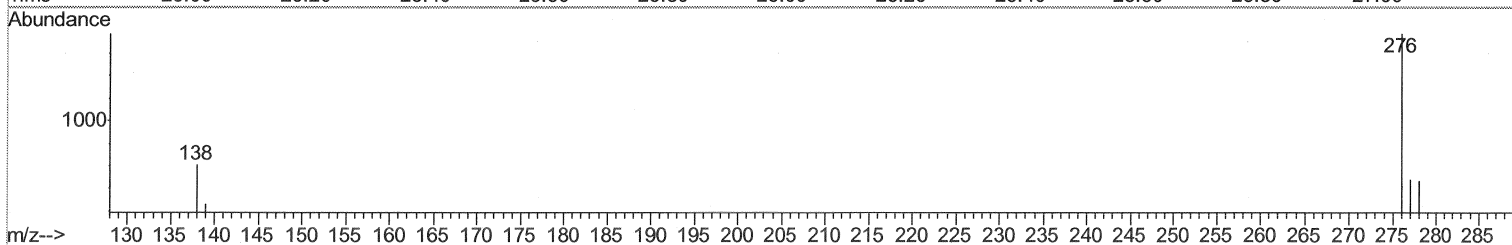
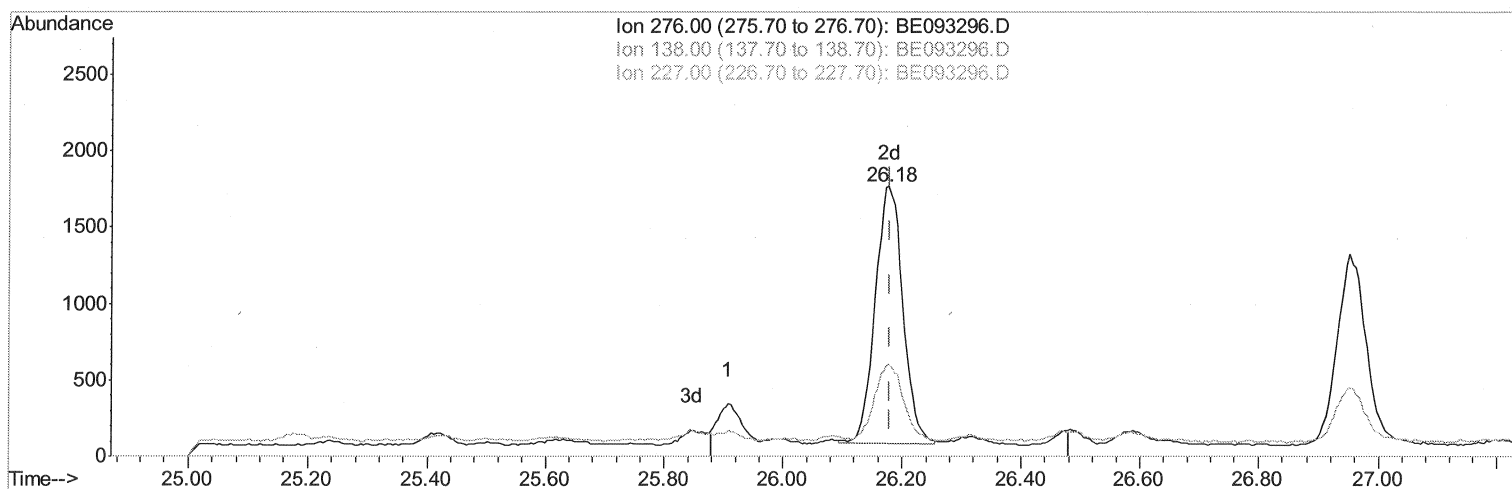
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TIC: BE093296.D

(24) Indeno(1,2,3-cd)pyrene

26.177min (-0.003) 0.12ng/ul m

SD 6/26/17

response 5461

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 3.15# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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

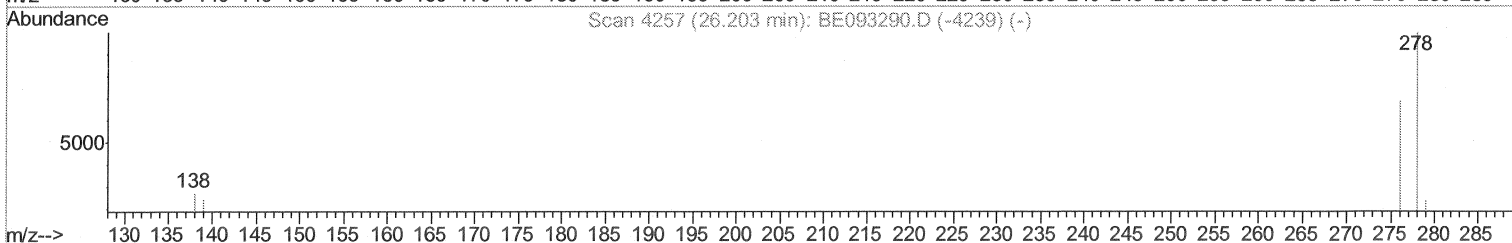
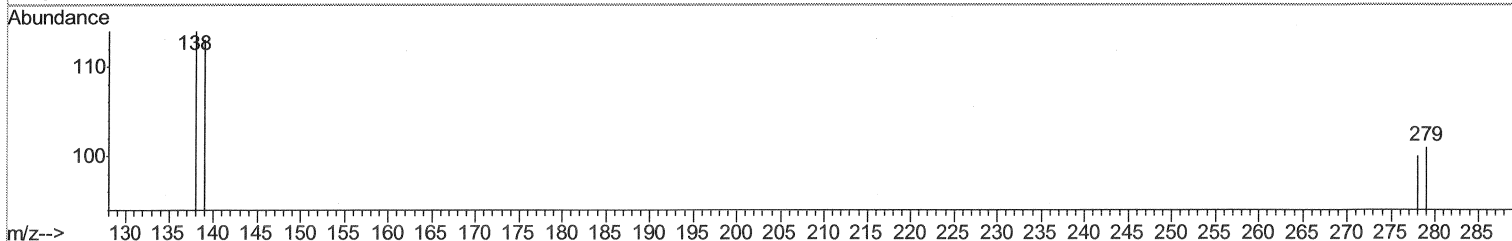
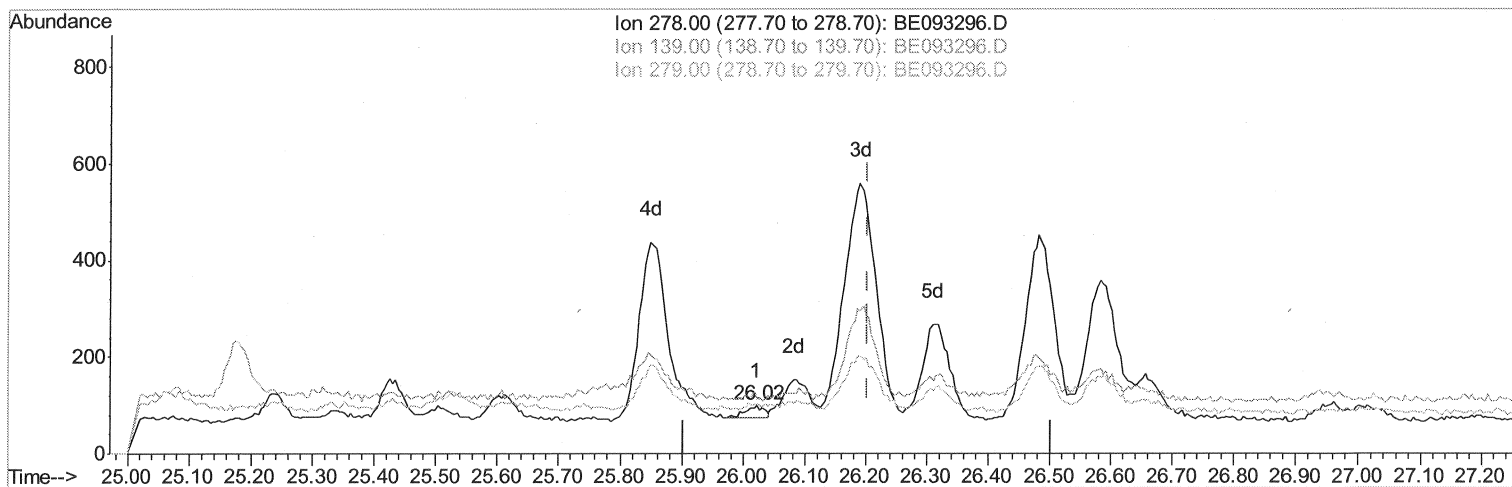
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ALS Vial : 21 Sample Multiplier: 1

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BNA\_E  
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Manual Integrations  
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TIC: BE093296.D

(25) Dibenzo(a,h)anthracene

26.022min (-0.181) 0.00ng/ul

response 51

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 278.00 | 100   | 100     |
| 139.00 | 21.70 | 113.00# |
| 279.00 | 32.40 | 101.00# |
| 0.00   | 0.00  | 0.00    |

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

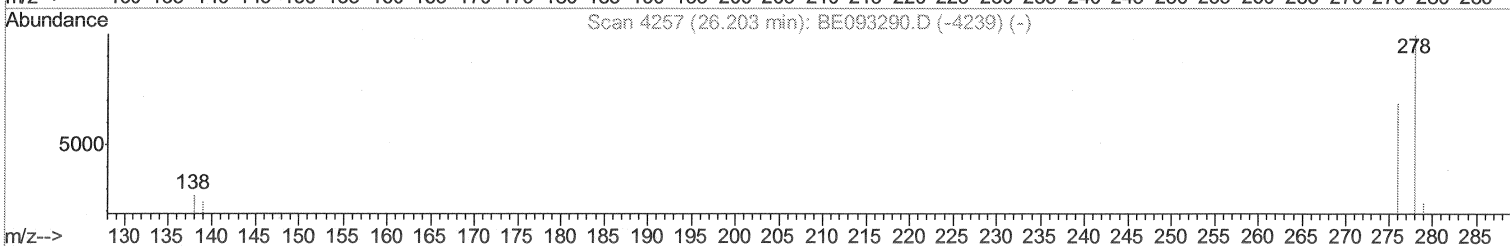
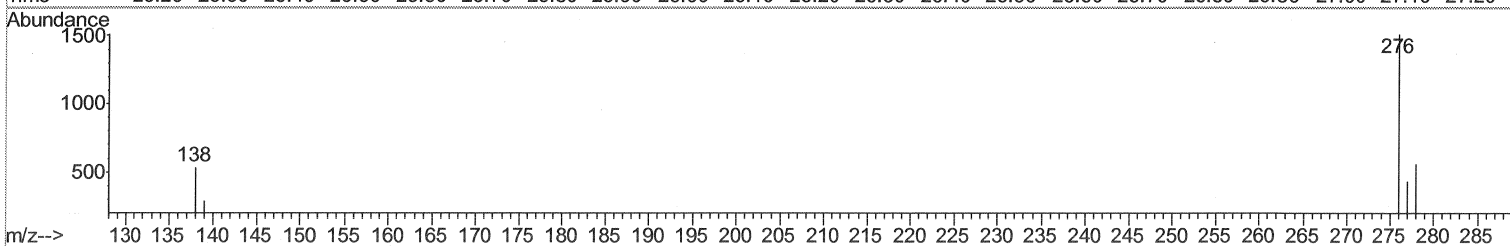
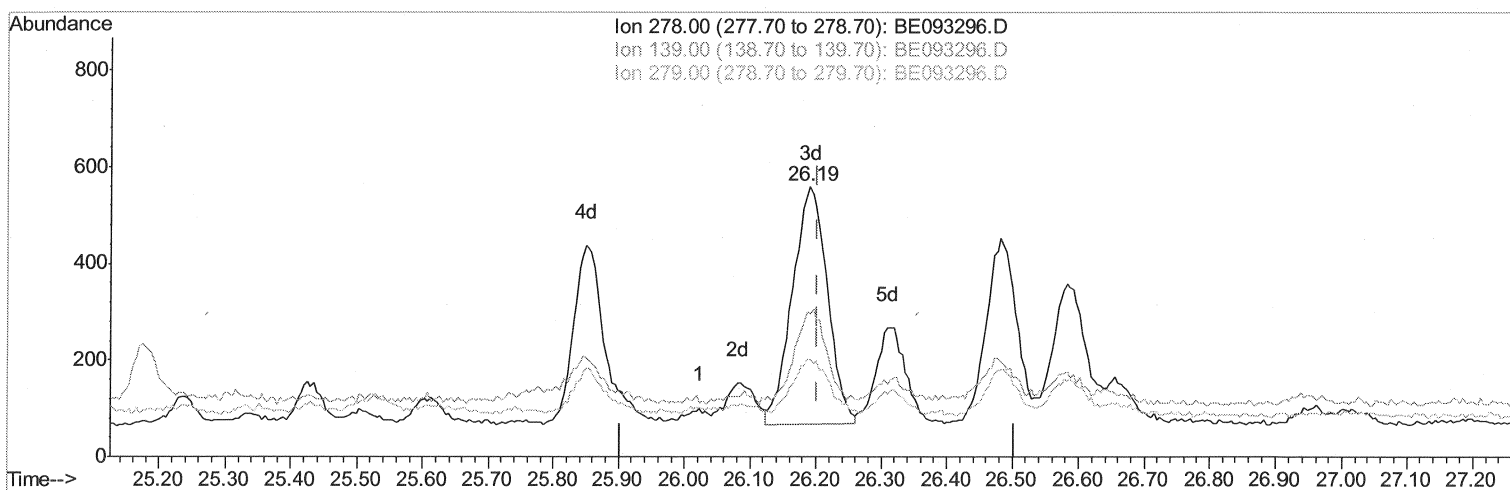
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Instrument :  
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TIC: BE093296.D

(25) Dibenzo(a,h)anthracene

26.191min (-0.012) 0.05ng/ul m

52 6/26/17

response 1818

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 52.59# |
| 279.00 | 32.40 | 35.96  |
| 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 | 7.74  | 152  | 2103     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 10959    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.36 | 164  | 7580     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 17005    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 16403    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.66 | 264  | 13799m   | 0.40 | ng/ul | 0.00     |

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| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 4717     | 0.29 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 12890    | 0.28 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.56 | 128  | 27033    | 0.99  | ng/ul# | 91     |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 16513    | 0.89  | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.09 | 152  | 5028     | 0.15  | ng/ul# | 94     |
| 8) Acenaphthene            | 14.42 | 153  | 45819    | 1.75  | ng/ul  | 97     |
| 9) Fluorene                | 15.42 | 166  | 57416    | 1.87  | ng/ul  | 94     |
| 12) Phenanthrene           | 17.14 | 178  | 521671   | 11.15 | ng/ul# | 87     |
| 13) Anthracene             | 17.22 | 178  | 51479    | 1.26  | ng/ul# | 88     |
| 15) Fluoranthene           | 19.15 | 202  | 305455   | 5.32  | ng/ul  | 84     |
| 17) Pyrene                 | 19.52 | 202  | 186273   | 3.85  | ng/ul# | 84     |
| 18) Benzo(a)anthracene     | 21.24 | 228  | 48019    | 1.10  | ng/ul# | 85     |
| 19) Chrysene               | 21.29 | 228  | 41637    | 0.92  | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 25054    | 0.60  | ng/ul  | 88     |
| 22) Benzo(k)fluoranthene   | 22.97 | 252  | 9318m    | 0.21  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.56 | 252  | 12815m   | 0.32  | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 26.18 | 276  | 5461m    | 0.12  | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 26.19 | 278  | 1818m    | 0.05  | ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.95 | 276  | 4286     | 0.11  | ng/ul# | 90     |

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