

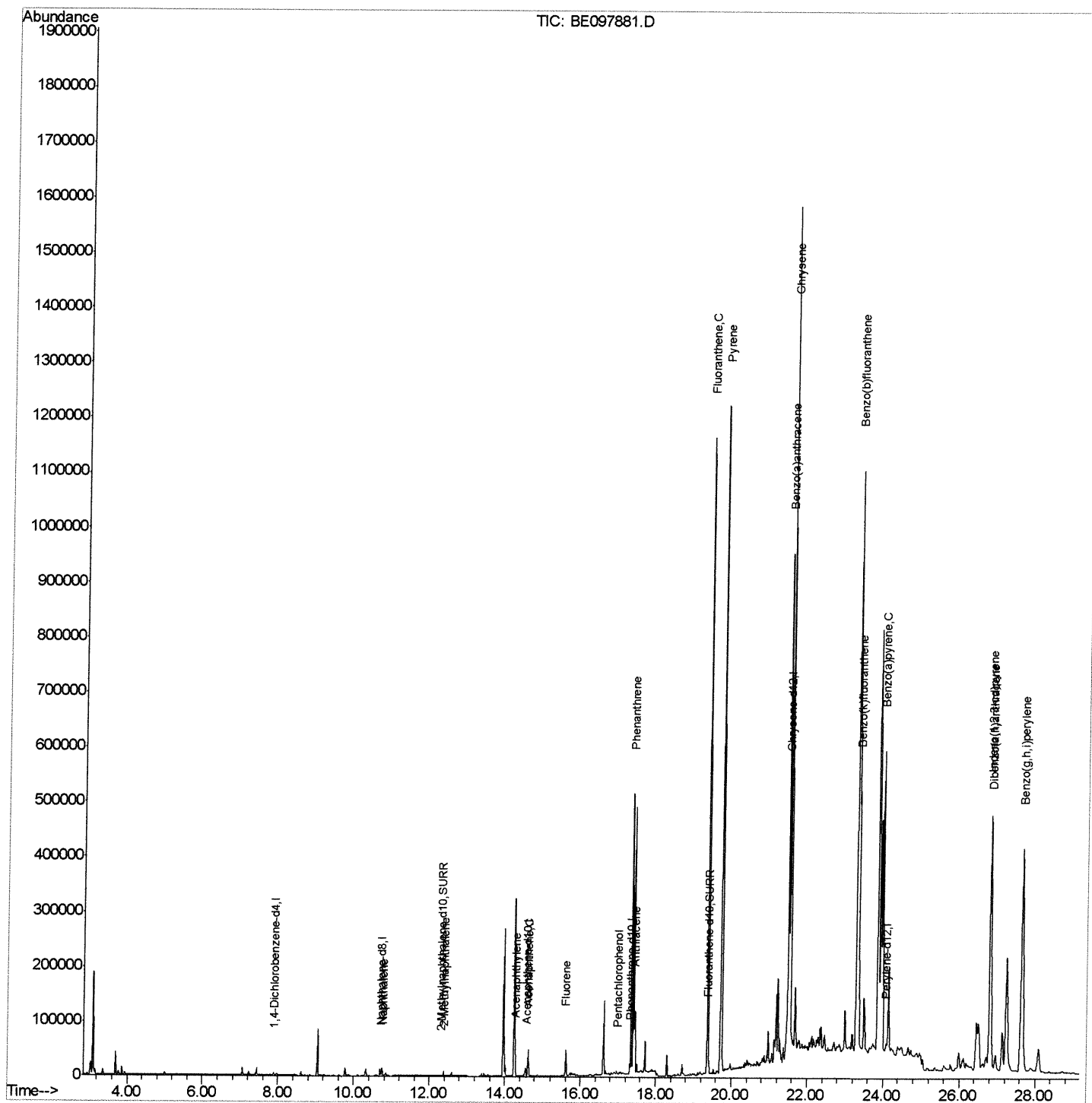
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\  
Data File : BE097881.D  
Acq On : 12 Oct 2018 11:04  
Operator : SJ/JU  
Sample : J5183-18  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
JLC31

Manual Integrations  
APPROVED

Sohil  
10/15/2018 3:56:26 PM

Quant Time: Oct 12 15:00:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 12 04:56:57 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

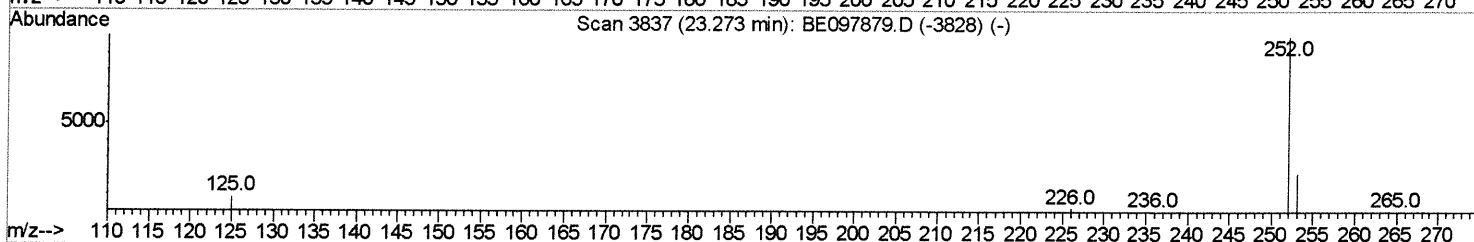
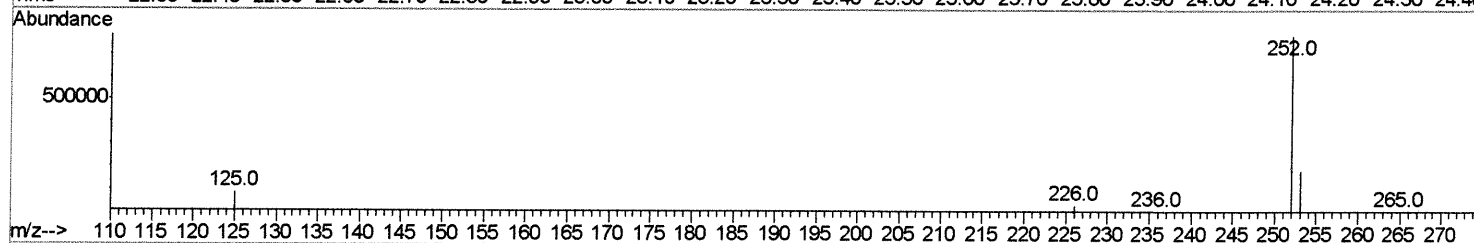
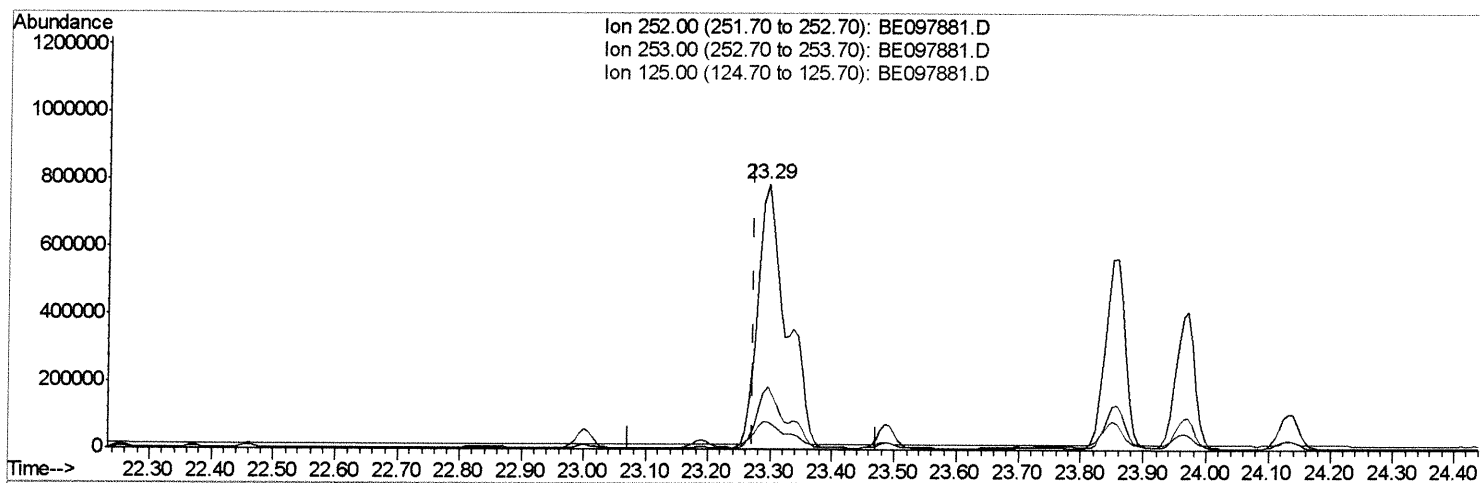
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Quant Time: Oct 12 14:27:34 2018  
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TIC: BE097881.D

(21) Benzo(b)fluoranthene

23.294min (+0.022) 45.60ng/ul

response 2548436

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.50 | 23.50 |
| 125.00 | 9.10  | 10.44 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

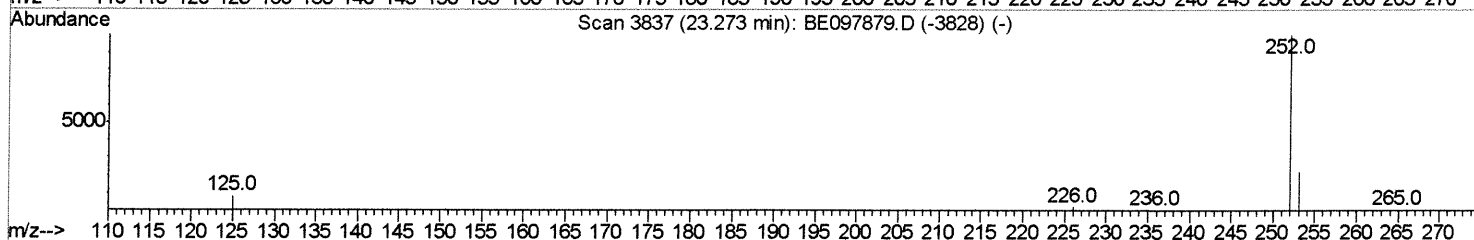
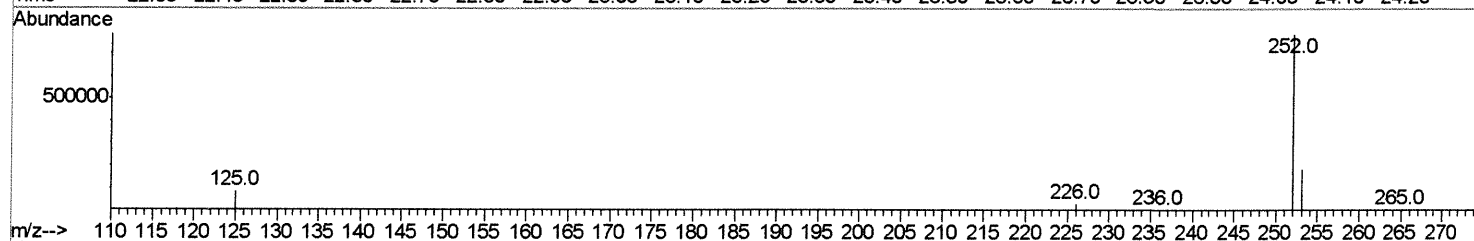
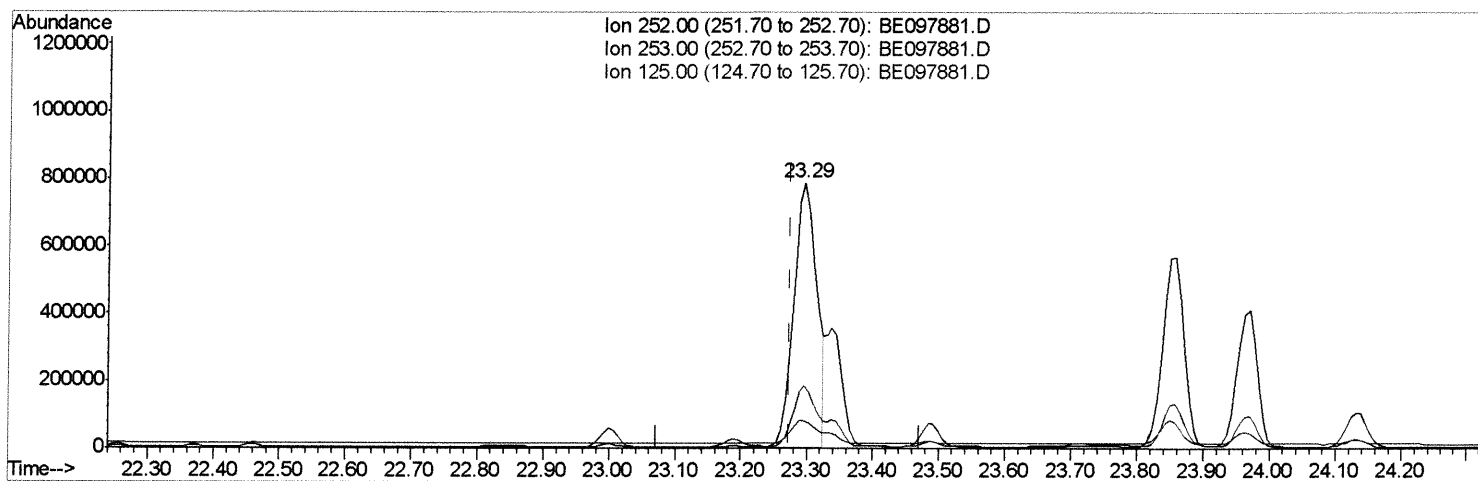
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\  
Data File : BE097881.D  
Acq On : 12 Oct 2018 11:04  
Operator : SJ/JU  
Sample : J5183-18  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC31

Manual Integrations  
APPROVED

Sohil  
10/15/2018 3:56:26 PM

Quant Time: Oct 12 14:27:34 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BE097881.D

(21) Benzo(b)fluoranthene

23.294min (+0.022) 34.48ng/ul m

response 1927004

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.50 | 23.50 |
| 125.00 | 9.10  | 10.44 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

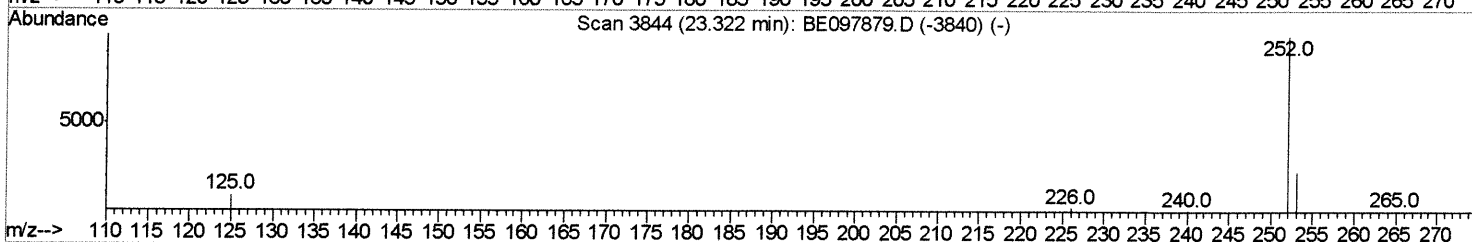
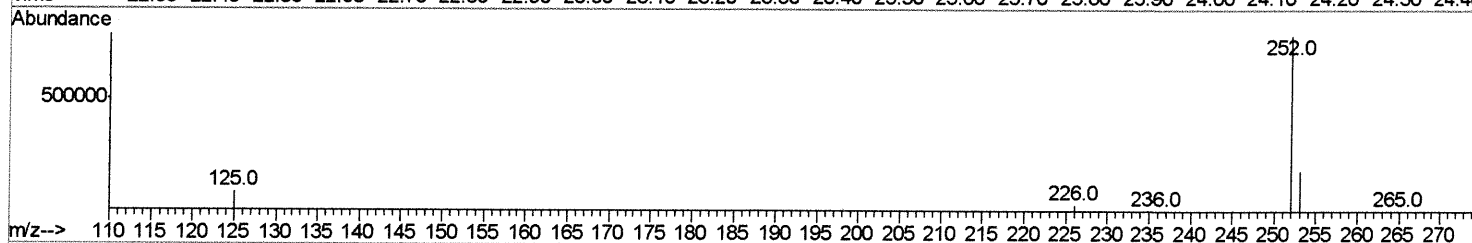
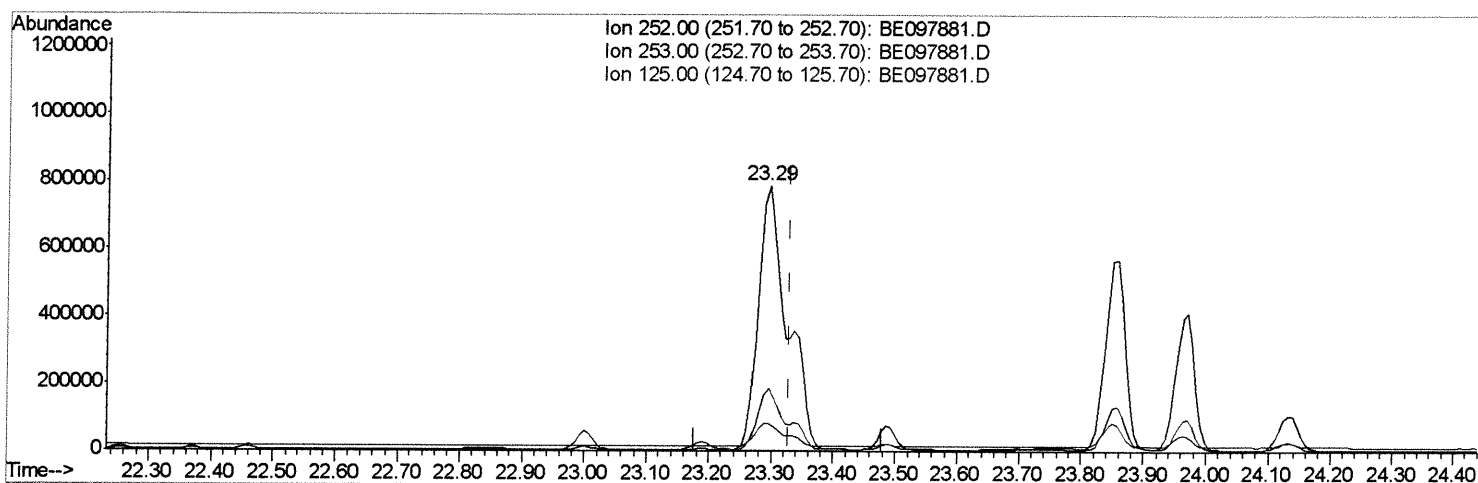
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\  
 Data File : BE097881.D  
 Acq On : 12 Oct 2018 11:04  
 Operator : SJ/JU  
 Sample : J5183-18  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC31

Manual Integrations  
 APPROVED

Sohil  
 10/15/2018 3:56:26 PM

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TIC: BE097881.D

(22) Benzo(k)fluoranthene

23.294min (-0.034) 42.60ng/ui

response 2548436

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.50 |
| 125.00 | 11.70 | 10.44 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

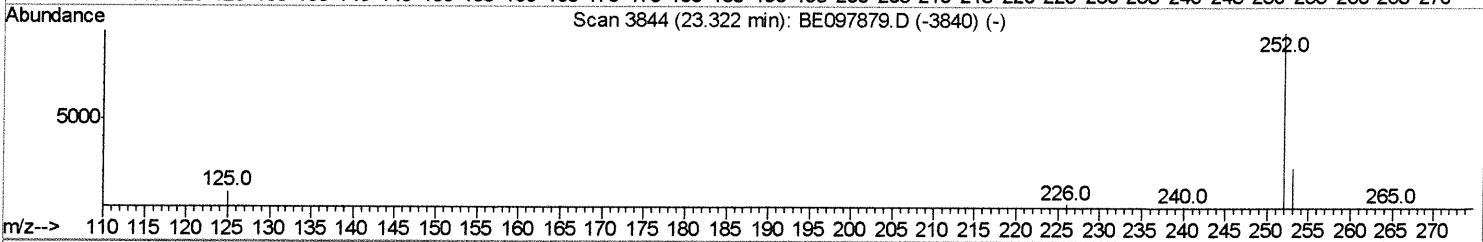
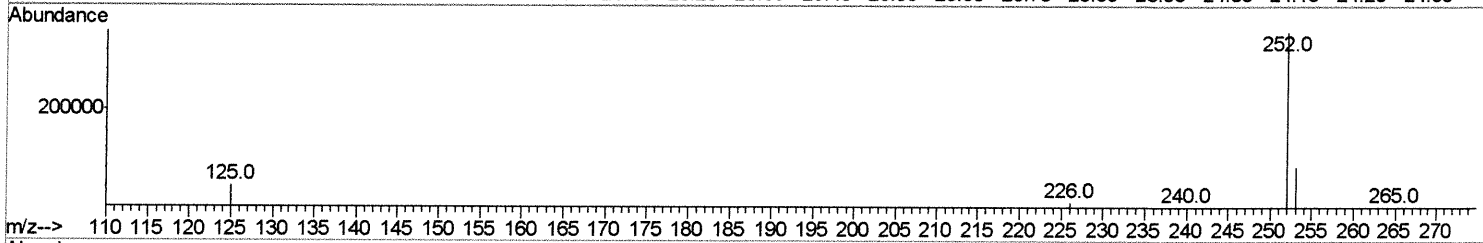
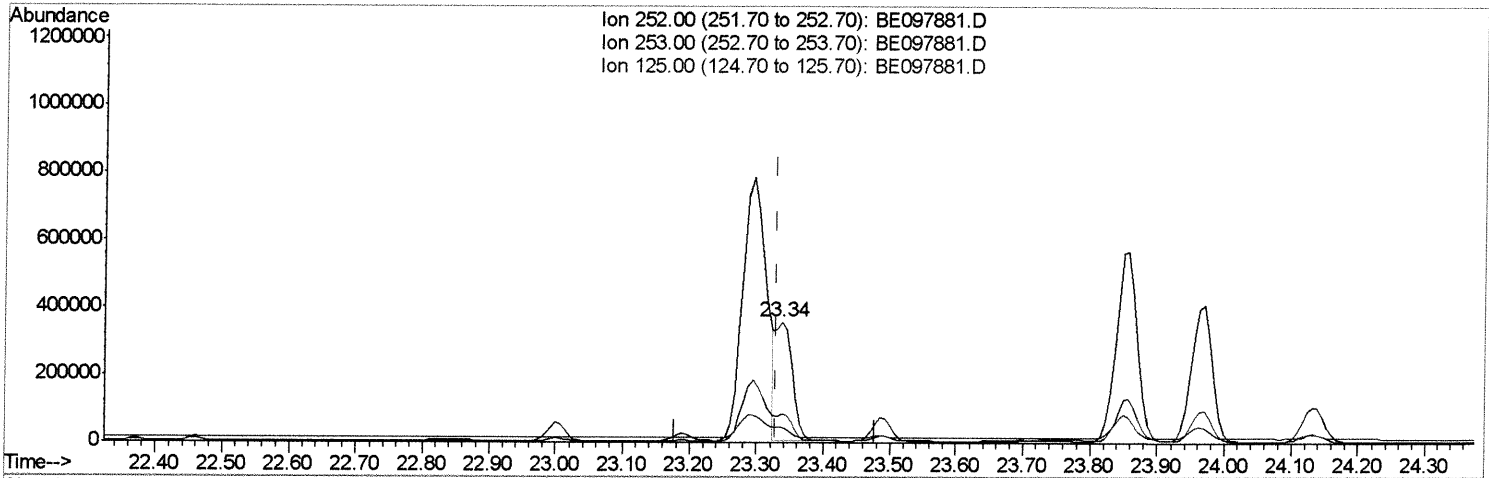
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 Data File : BE097881.D  
 Acq On : 12 Oct 2018 11:04  
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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Sohil  
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 Response via : Initial Calibration



TIC: BE097881.D

(22) Benzo(k)fluoranthene

23.336min (+0.008) 10.01ng/ul m > SJ 10/16/18

response 598733

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.90 |
| 125.00 | 11.70 | 12.60 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\  
 Data File : BE097881.D  
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 Operator : SJ/JU  
 Sample : J5183-18  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC31

Manual Integrations  
 APPROVED

Sohil  
 10/15/2018 3:56:26 PM

Quant Time: Oct 12 15:00:49 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Oct 12 04:56:57 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 2361     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.70 | 136  | 11980    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.56 | 164  | 8478     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.31 | 188  | 19078    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.50 | 240  | 18826    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.07 | 264  | 20910    | 0.40 | ng/ul | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 3154     | 0.16 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.35 | 212  | 9137     | 0.15 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.75 | 128  | 21220    | 0.728  | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 12.37 | 142  | 8082     | 0.383  | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.27 | 152  | 15320    | 0.478  | ng/ul  | 95     |
| 8) Acenaphthene            | 14.61 | 153  | 28253    | 1.135  | ng/ul  | 98     |
| 9) Fluorene                | 15.61 | 166  | 29180    | 0.898  | ng/ul  | 99     |
| 11) Pentachlorophenol      | 16.97 | 266  | 2759     | 1.026  | ng/ul  | 97     |
| 12) Phenanthrene           | 17.35 | 178  | 543475   | 12.033 | ng/ul  | 98     |
| 13) Anthracene             | 17.45 | 178  | 116919   | 2.794  | ng/ul  | 100    |
| 15) Fluoranthene           | 19.37 | 202  | 1318562  | 22.732 | ng/ul  | 96     |
| 17) Pyrene                 | 19.74 | 202  | 1355813  | 24.175 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.48 | 228  | 1193102  | 20.960 | ng/ul  | 97     |
| 19) Chrysene               | 21.54 | 228  | 1661750  | 32.492 | ng/ul  | 95     |
| 21) Benzo(b)fluoranthene   | 23.29 | 252  | 1927004m | 34.482 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.34 | 252  | 598733m  | 10.009 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.97 | 252  | 876191   | 15.969 | ng/ul  | 99     |
| 24) Indeno(1,2,3-cd)pyrene | 26.80 | 276  | 856036   | 13.744 | ng/ul# | 100    |
| 25) Dibenzo(a,h)anthracene | 26.82 | 278  | 232109   | 4.509  | ng/ul# | 91     |
| 26) Benzo(a,h,i)perylene   | 27.65 | 276  | 1016612  | 18.732 | ng/ul  | 99     |

SJ 10/16/18

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