

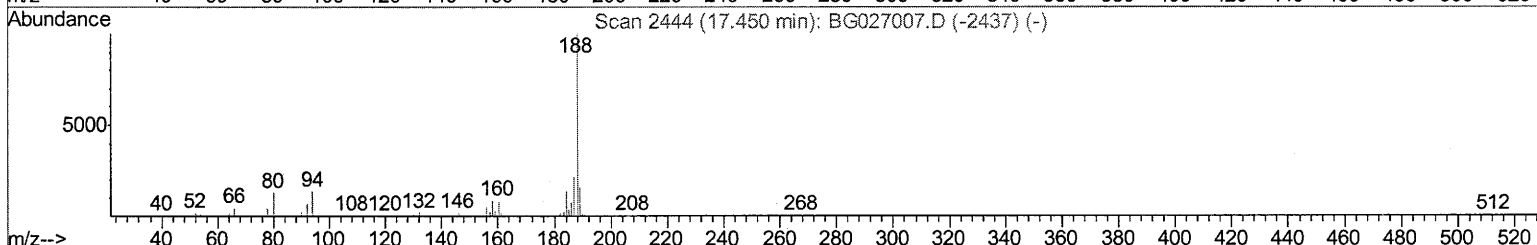
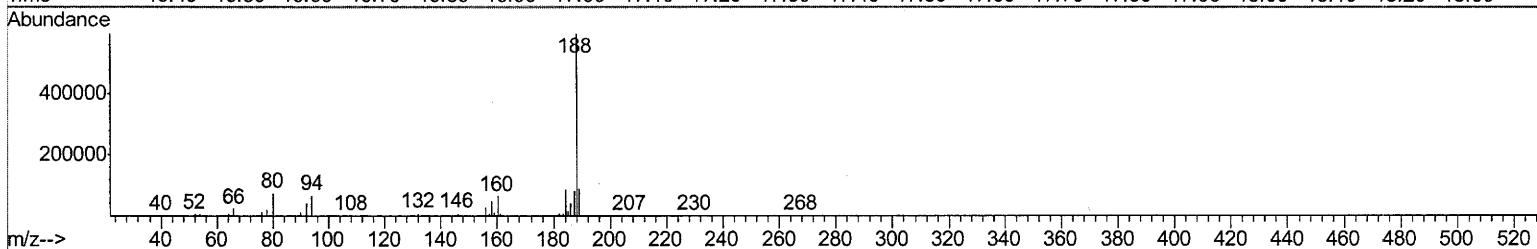
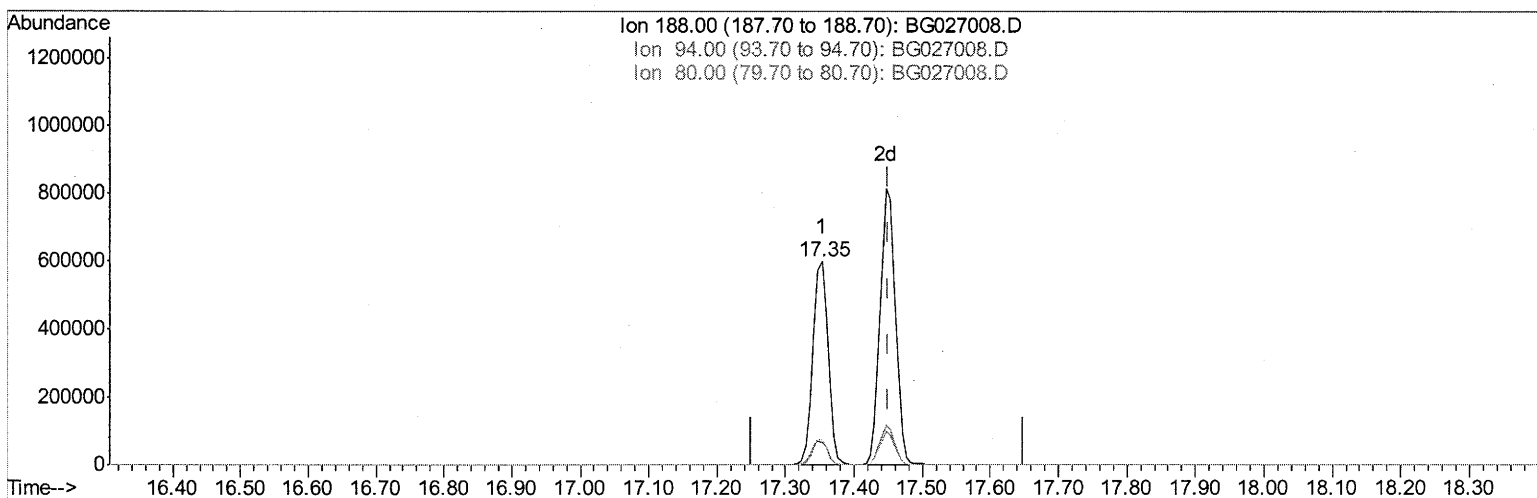
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
Data File : BG027008.D  
Acq On : 18 May 2017 17:56  
Operator : SJ/MA  
Sample : I3136-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DAC10

Manual Integrations  
APPROVED

mohammad  
5/22/2017 11:03:52 AM

Quant Time: May 19 04:21:16 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 19 03:12:01 2017  
Response via : Initial Calibration



TIC: BG027008.D

(14) Anthracene-d10 (S)

17.353min (-0.097) 20.51ng/ul

response 920095

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.10 | 11.27 |
| 80.00  | 11.80 | 12.50 |
| 0.00   | 0.00  | 0.00  |

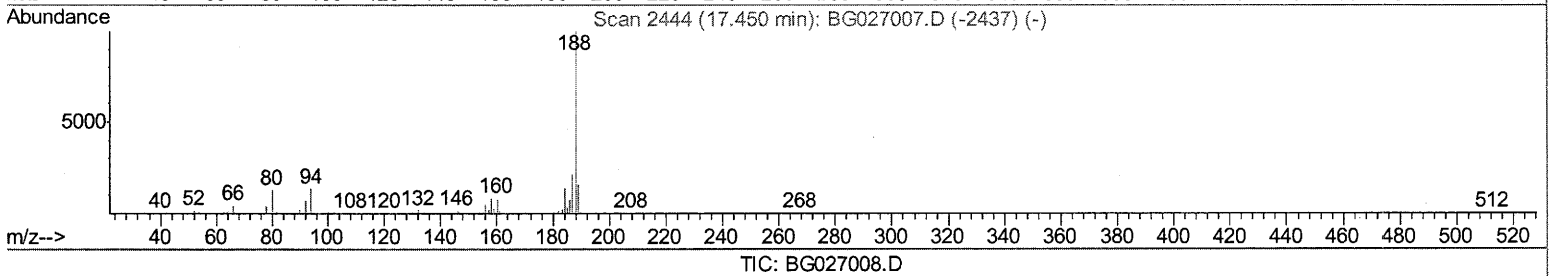
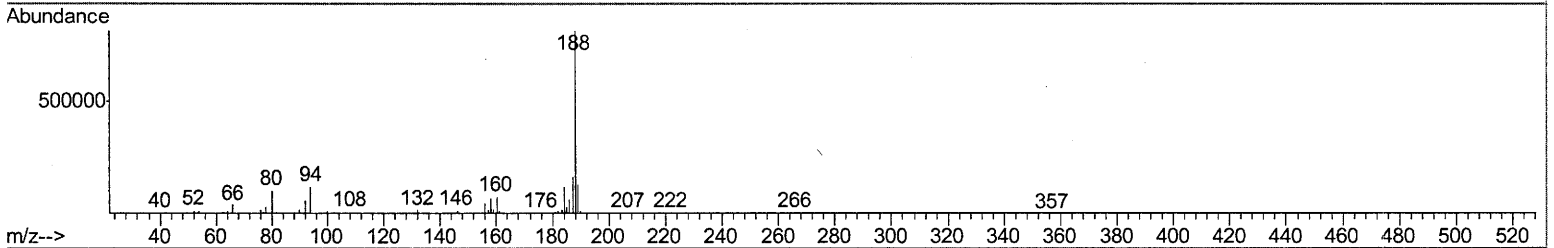
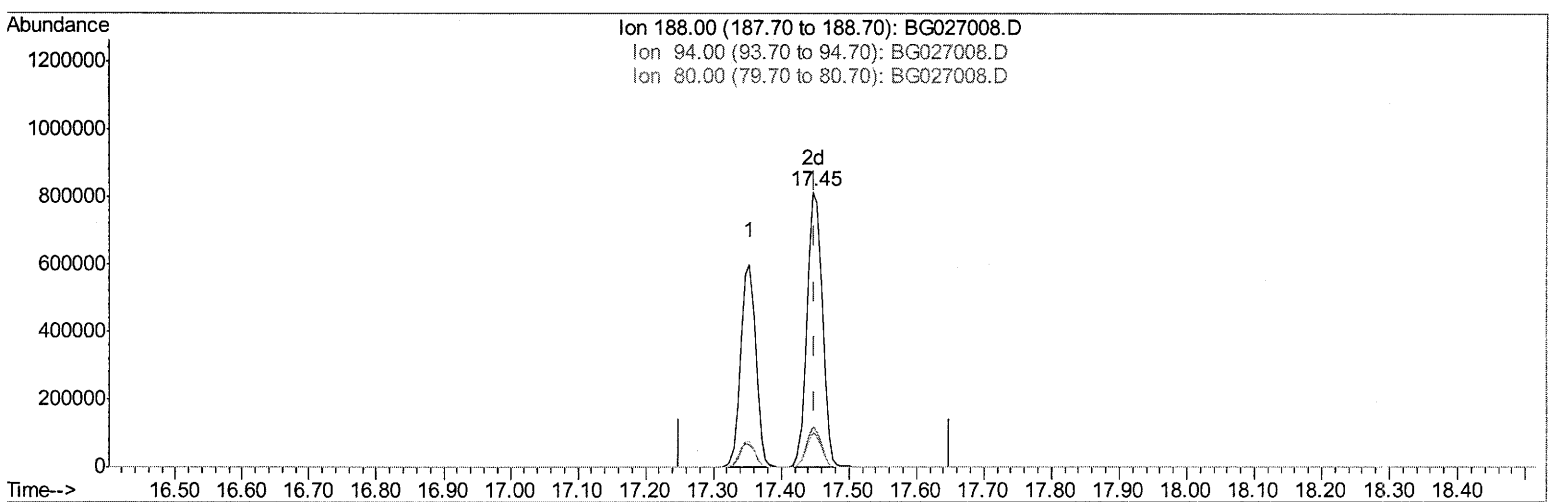
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
Data File : BG027008.D  
Acq On : 18 May 2017 17:56  
Operator : SJ/MA  
Sample : I3136-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DAC10

Manual Integrations  
APPROVED

mohammad  
5/22/2017 11:03:52 AM

Quant Time: May 19 04:21:16 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 19 03:12:01 2017  
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.447min (-0.003) 28.33ng/ul m

response 1270887

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.10 | 14.72# |
| 80.00  | 11.80 | 12.48  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

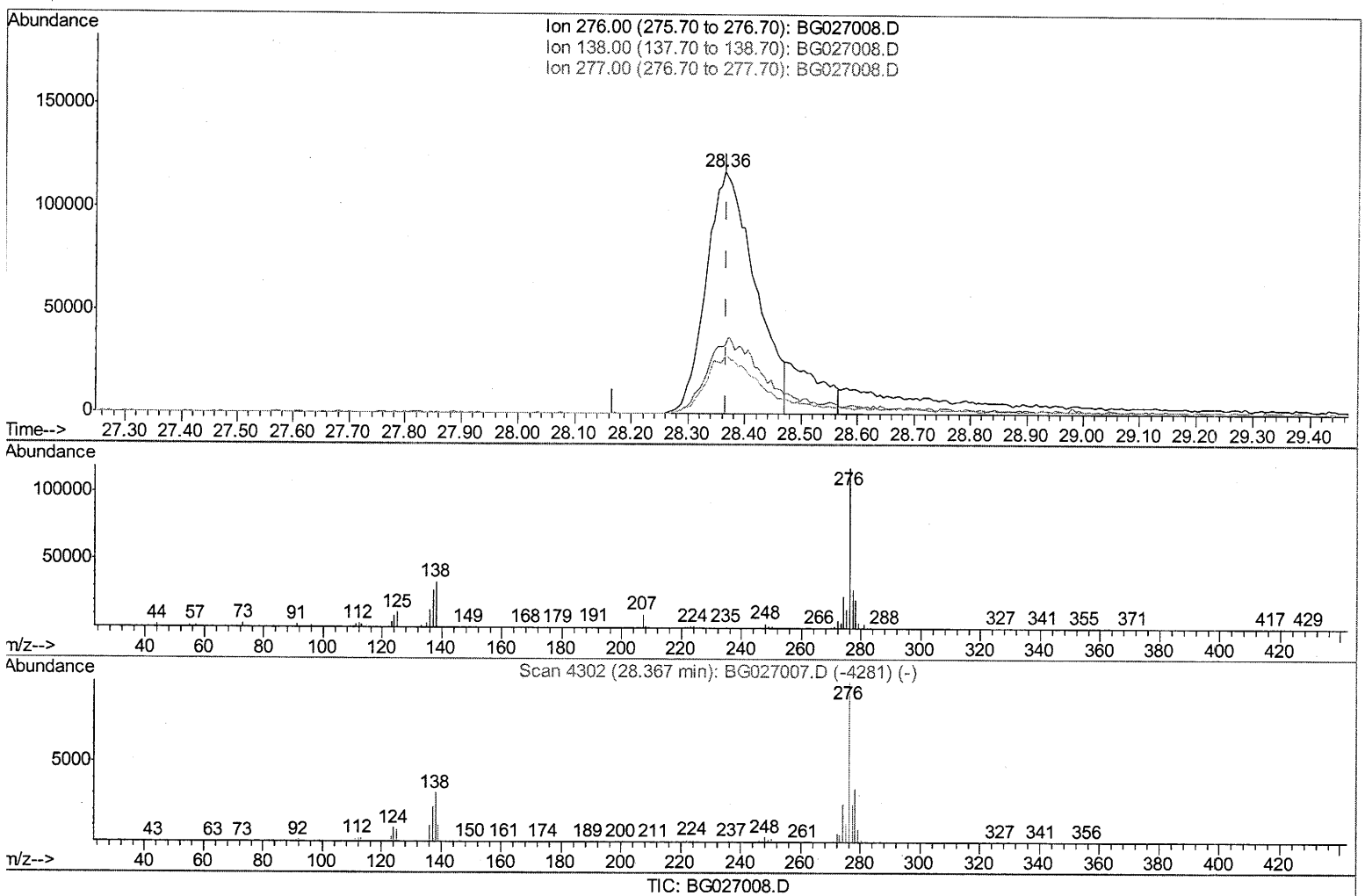
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
Data File : BG027008.D  
Acq On : 18 May 2017 17:56  
Operator : SJ/MA  
Sample : I3136-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DAC10

Manual Integrations  
APPROVED

mohammad  
5/22/2017 11:03:52 AM

Quant Time: May 19 04:21:16 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 19 03:12:01 2017  
Response via : Initial Calibration



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

28.364min (-0.003) 15.69ng/ul

response 700708

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 18.00 | 28.42# |
| 277.00 | 22.50 | 24.04  |
| 0.00   | 0.00  | 0.00   |

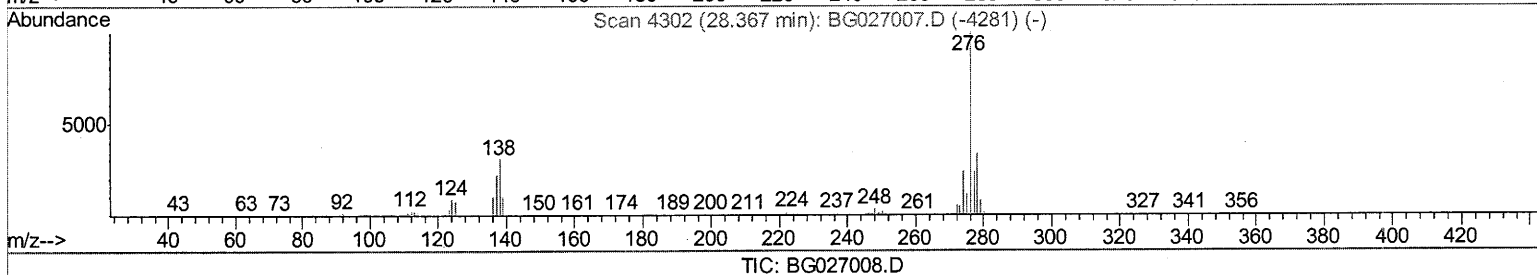
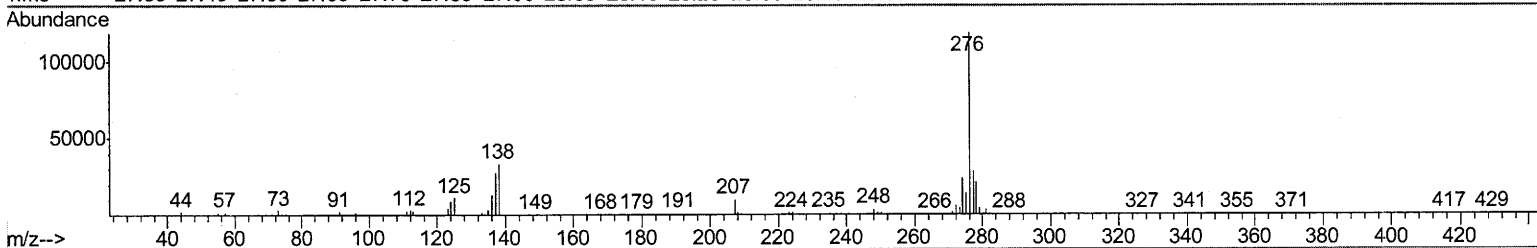
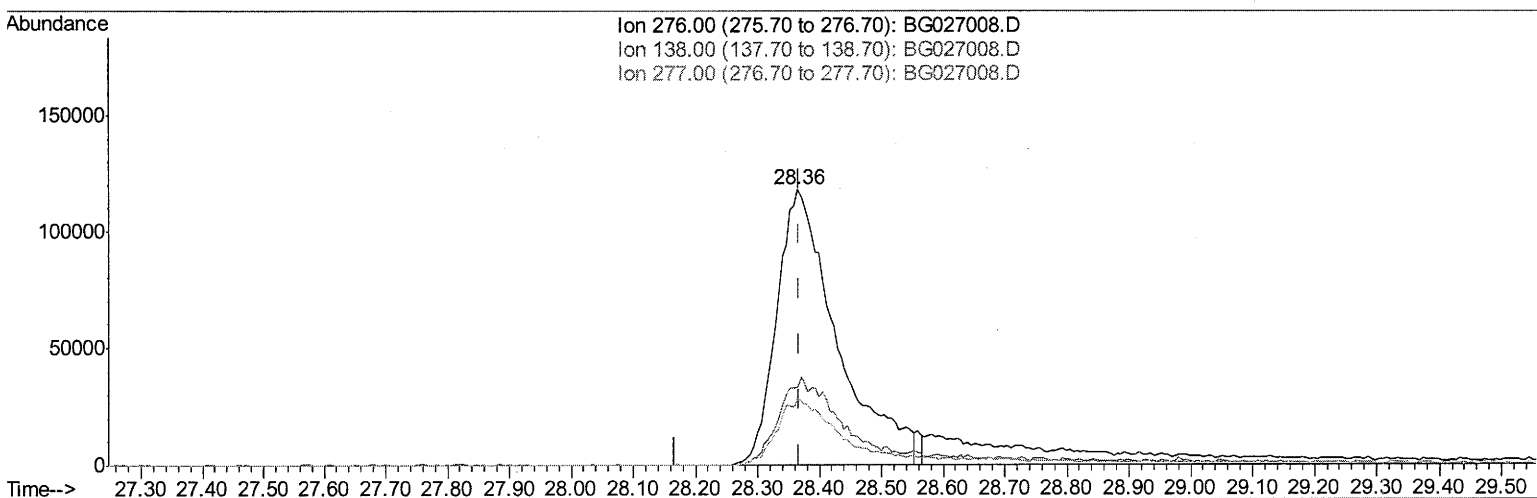
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
Data File : BG027008.D  
Acq On : 18 May 2017 17:56  
Operator : SJ/MA  
Sample : I3136-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DAC10

Manual Integrations  
APPROVED

mohammad  
5/22/2017 11:03:52 AM

Quant Time: May 19 04:21:16 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 19 03:12:01 2017  
Response via : Initial Calibration



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

28.364min (-0.003) 17.83ng/ul m

response 796269

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 18.00 | 28.42# |
| 277.00 | 22.50 | 24.04  |
| 0.00   | 0.00  | 0.00   |

MD  
5/22/17

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
 Data File : BG027008.D  
 Acq On : 18 May 2017 17:56  
 Operator : SJ/MA  
 Sample : I3136-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAC10

Manual Integrations  
 APPROVED

mohammad  
 5/22/2017 11:03:52 AM

Quant Time: May 19 04:22:44 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 19 03:12:01 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 191550   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.80 | 136  | 925262   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.62 | 164  | 498177   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.35 | 188  | 920095   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.60 | 240  | 835441   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.76 | 264  | 834970   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |          |       |       |      |
|------------------------|-------|-----|----------|-------|-------|------|
| 7) Acenaphthylene-d8   | 14.31 | 160 | 1382386  | 27.05 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.60 | 176 | 905779   | 26.57 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.45 | 188 | 1270887m | 28.33 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.73 | 212 | 1223074  | 28.04 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.54 | 264 | 1200891  | 28.95 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue |
|----------------------------|-------|-----|---------|-------|--------|--------|
| 3) Naphthalene             | 10.85 | 128 | 361332  | 7.53  | ng/ul  | 99     |
| 5) 1-Methylnaphthalene     | 12.67 | 142 | 477927  | 12.48 | ng/ul# | 92     |
| 13) Phenanthrene           | 17.39 | 178 | 1239854 | 24.10 | ng/ul  | 96     |
| 15) Anthracene             | 17.48 | 178 | 554396  | 10.49 | ng/ul  | 99     |
| 16) Fluoranthene           | 19.40 | 202 | 1044228 | 19.86 | ng/ul# | 92     |
| 19) Pyrene                 | 19.76 | 202 | 1075520 | 19.70 | ng/ul# | 89     |
| 21) Chrysene               | 21.64 | 228 | 797364  | 17.26 | ng/ul  | 99     |
| 26) Benzo(a)pyrene         | 24.61 | 252 | 738288  | 15.21 | ng/ul# | 92     |
| 27) Indeno(1,2,3-cd)pyrene | 28.36 | 276 | 796269m | 17.83 | ng/ul  |        |
| 28) Dibenzo(a,h)anthracene | 28.42 | 278 | 409180  | 10.62 | ng/ul# | 92     |

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

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051817\  
Data File : BG027008.D  
Acq On : 18 May 2017 17:56  
Operator : SJ/MA  
Sample : I3136-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DAC10

Manual Integrations  
APPROVED

mohammad  
5/22/2017 11:03:52 AM

Quant Time: May 19 04:22:44 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 19 03:12:01 2017  
Response via : Initial Calibration

