

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM053015\  
Data File : BM001482.D  
Acq On : 30 May 2015 19:26  
Operator : TP/LZ  
Sample : G2411-17RE  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 31 04:12:56 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM052915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun May 31 02:16:14 2015  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.37  | 152  | 185577   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.16 | 136  | 761483   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.06 | 164  | 418974   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.82 | 188  | 830524   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.02 | 240  | 779888   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.11 | 264  | 719646   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.80  | 96  | 24270   | 6.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.59  | 99  | 574664  | 41.75 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.72  | 67  | 344264  | 40.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.92  | 132 | 490297  | 43.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.12  | 113 | 460583  | 39.75 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.54  | 128 | 235613  | 47.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.26  | 143 | 274387  | 48.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 493944  | 43.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.32 | 131 | 310757  | 23.37 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.49 | 166 | 1245229 | 42.38 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.75 | 160 | 1670468 | 41.75 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 232825  | 38.87 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.07 | 176 | 1038486 | 35.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.21 | 200 | 116242  | 22.74 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.92 | 188 | 1369773 | 35.78 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.22 | 212 | 1261172 | 37.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 22.99 | 264 | 892461  | 28.05 | ng/ul | 0.00 |

| Target Compounds               |       |     |        |       | Qvalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 44) Dimethylphthalate          | 13.53 | 163 | 394232 | 11.89 | ng/ul 100 |
| 69) Phenanthrene               | 16.86 | 178 | 86322  | 1.87  | ng/ul 98  |
| 74) Fluoranthene               | 18.89 | 202 | 226532 | 4.04  | ng/ul 99  |
| 77) Pyrene                     | 19.25 | 202 | 204412 | 4.38  | ng/ul 97  |
| 78) Butylbenzylphthalate       | 20.17 | 149 | 19227  | 1.05  | ng/ul# 94 |
| 80) Benzo(a)anthracene         | 21.01 | 228 | 91717  | 2.01  | ng/ul 94  |
| 81) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 447913 | 15.40 | ng/ul 97  |
| 82) Chrysene                   | 21.06 | 228 | 110302 | 2.57  | ng/ul 98  |
| 85) Benzo(b)fluoranthene       | 22.50 | 252 | 154639 | 3.51  | ng/ul# 97 |
| 86) Benzo(k)fluoranthene       | 22.53 | 252 | 46291m | 1.10  | ng/ul     |
| 88) Benzo(a)pyrene             | 23.02 | 252 | 99377  | 2.40  | ng/ul 99  |
| 89) Indeno(1,2,3-cd)pyrene     | 25.17 | 276 | 67053  | 1.54  | ng/ul 97  |
| 91) Benzo(g,h,i)perylene       | 25.80 | 276 | 70963  | 1.98  | ng/ul# 92 |

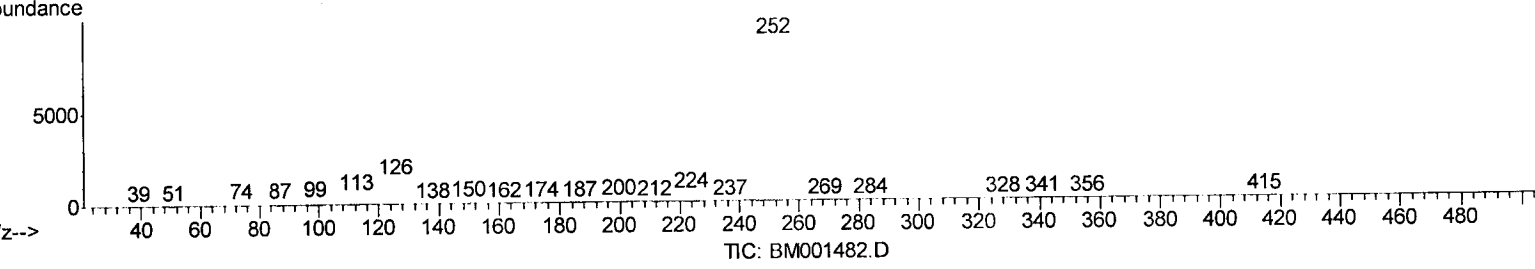
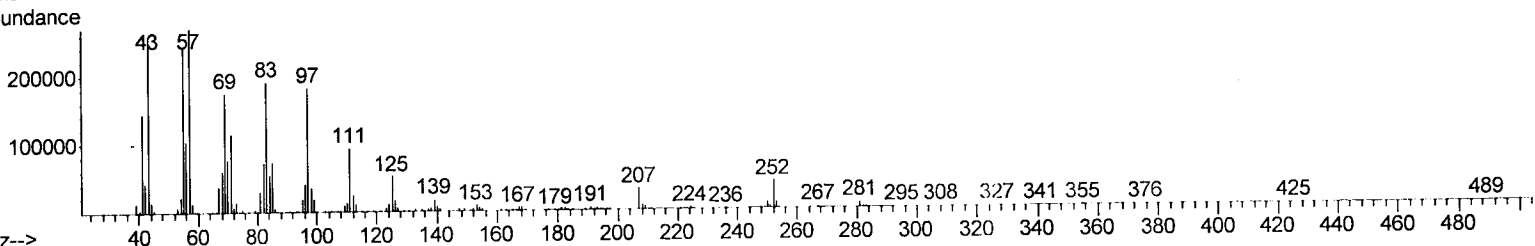
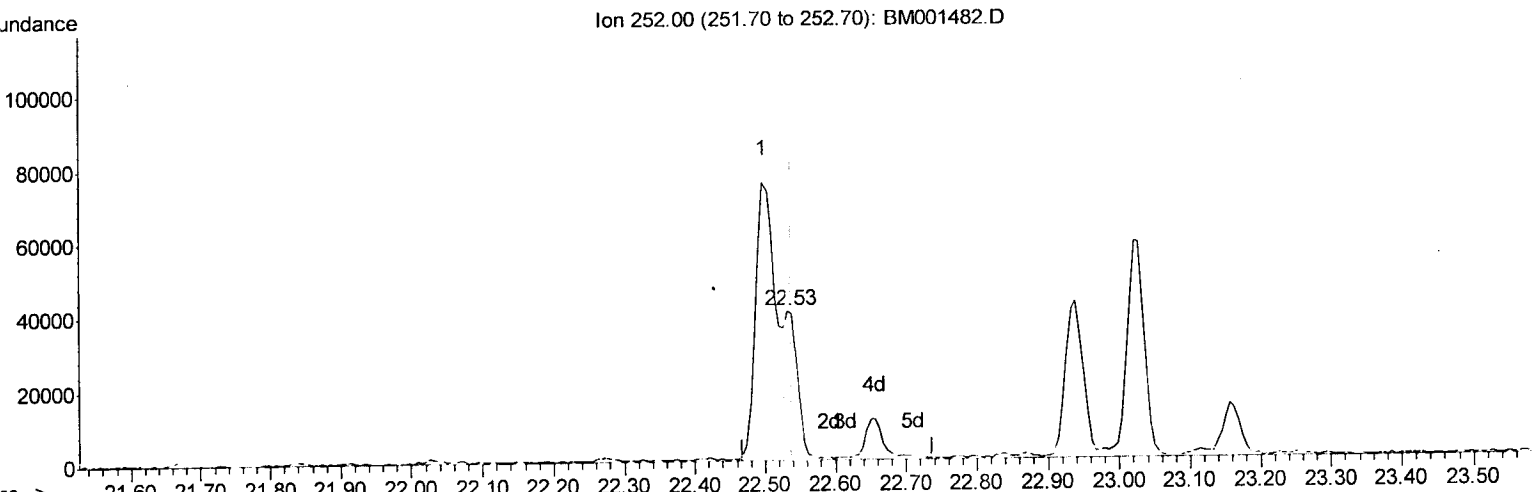
T.P  
06/01/2015

Manual Integrations  
APPROVED  
6/1/2015 4:30:57 PM  
out of range (m) = manual integration (+) = signals summed

Instrument : BNA\_M  
Client Sampled : BCR8RE

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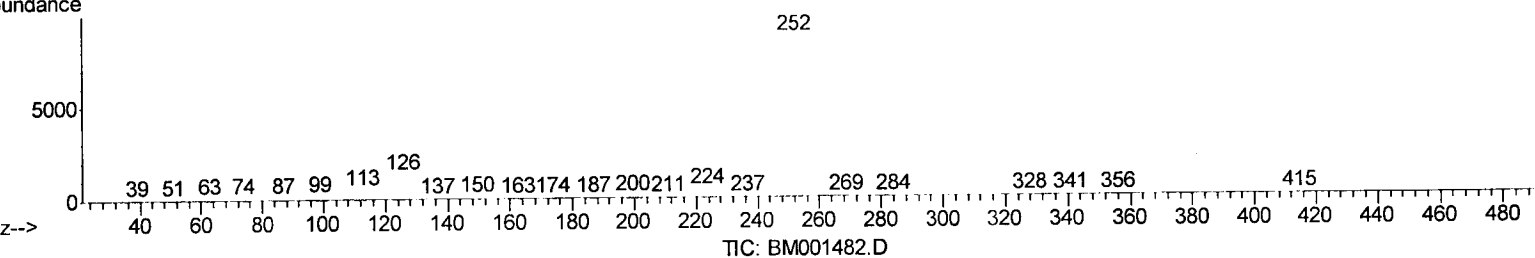
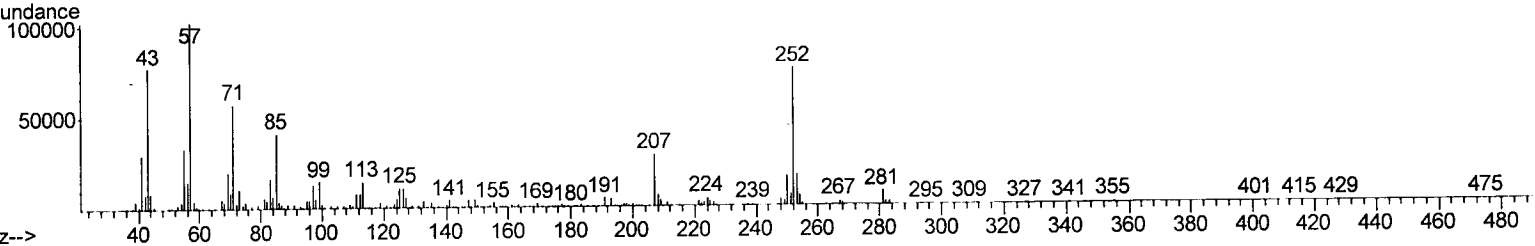
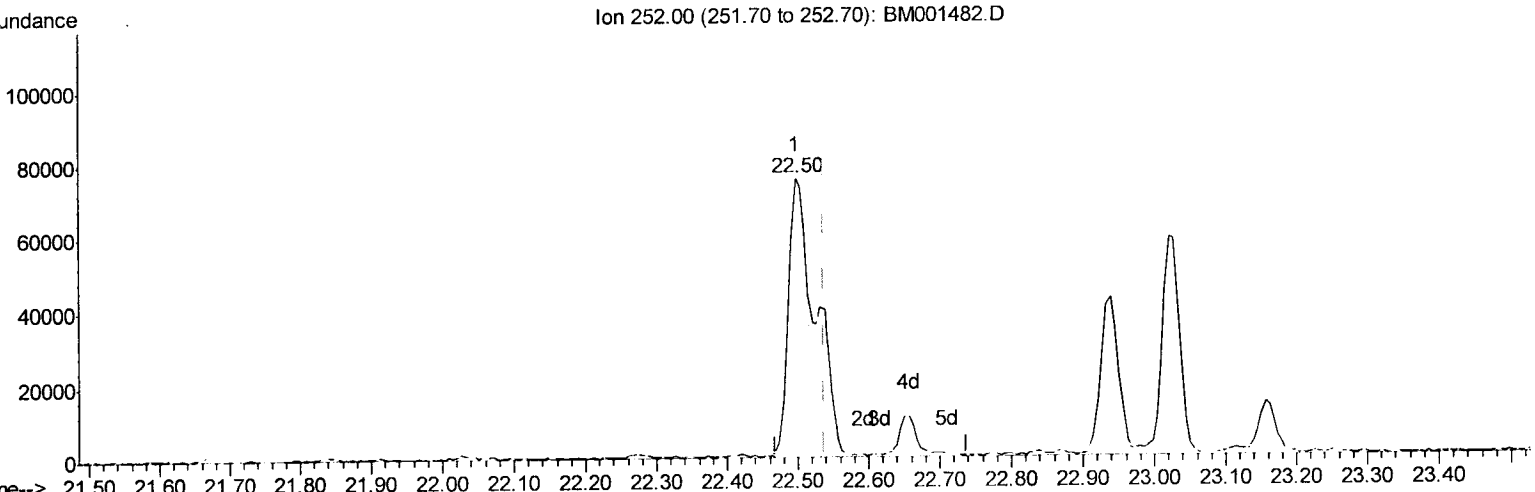
(86) Benzo(k)fluoranthene  
22.533min (-0.006) 1.10ng/ul m  
response 46291  
Ion Exp% Act%

*T.P*  
*06/01/2015*

|                       |        |
|-----------------------|--------|
| Manual Integrations   | 00     |
| APPROVED              | 21.74  |
| 6/1/2015 4:30:57 PM   | 26.11# |
| ClientSampled : BNA_M | 0.00   |
| BCRC8RE               | 0.00   |

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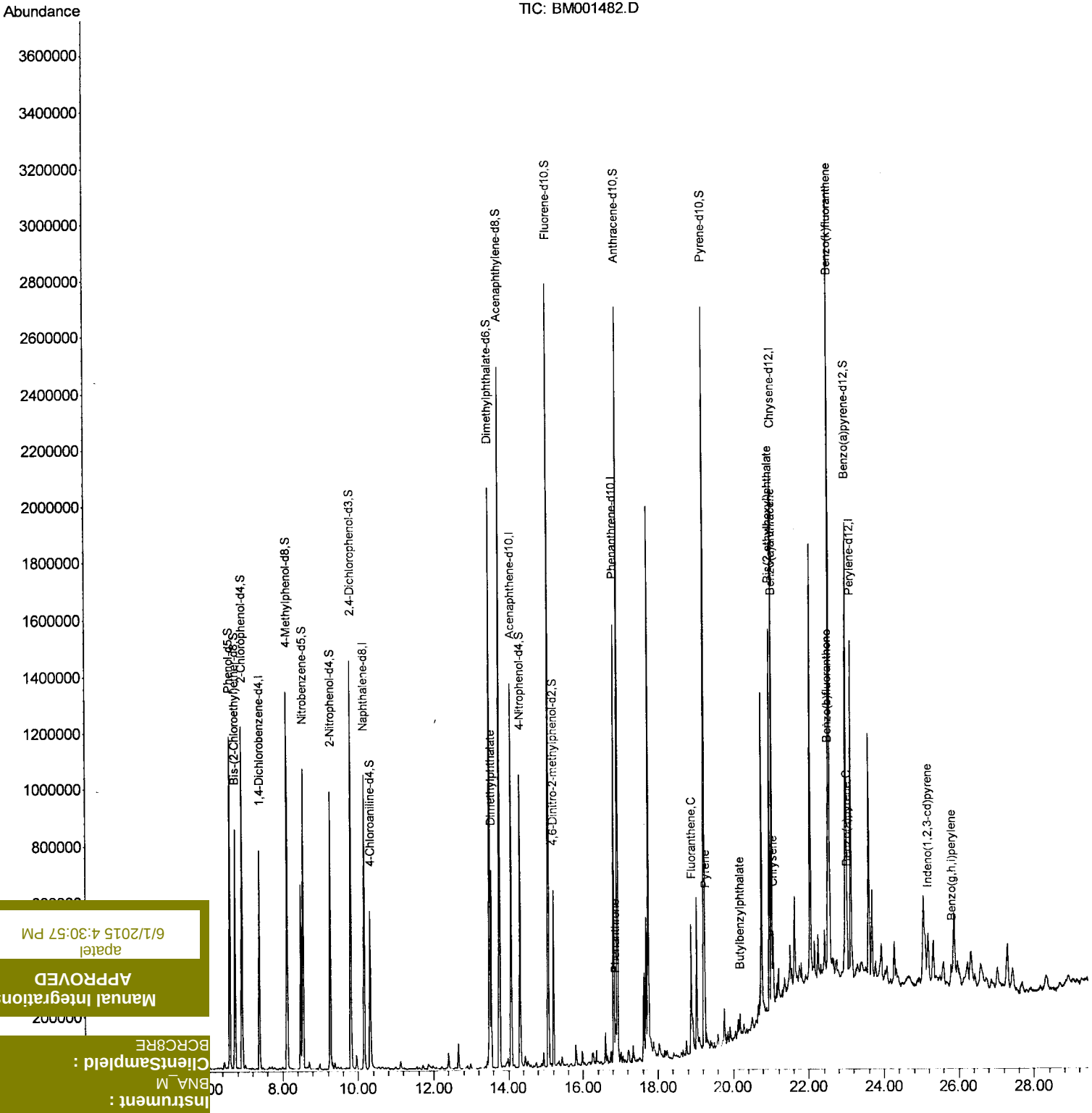
(86) Benzo(k)fluoranthene  
22.497min (-0.041) 1.12ng/ul  
response 47353  
Ion Exp% Act%

Manual Integrations  
APPROVED  
6/1/2015 4:30:57 PM  
00  
22.59  
14.41#  
0.00

Instrument :  
BNA\_M  
ClientSampled :  
BCRC8RE

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Instrument : BNA\_M  
ClientSample : BCR08RE  
Manual Integrations  
APPROVED  
6/1/2015 4:30:57 PM  
apatel