

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM102219\  
Quantitation Report (QT Reviewed)

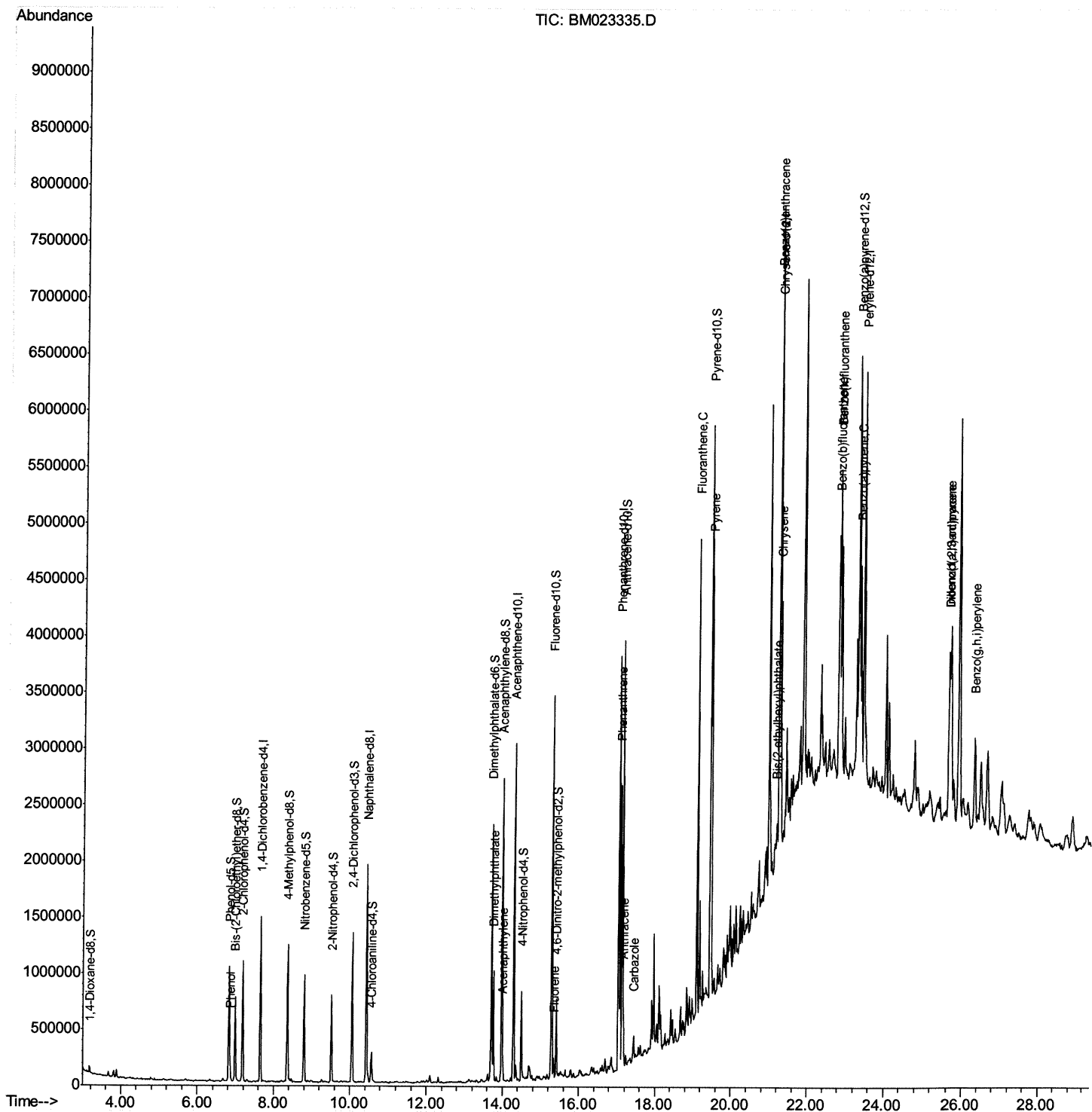
Data File : BM023335.D  
Acq On : 23 Oct 2019 00:55  
Operator : JU  
Sample : K5354-14  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFB87

Manual Integrations  
APPROVED

mohammad  
10/24/2019 8:09:09 AM

Quant Time: Oct 23 04:33:35 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 23 04:28:20 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM102219\  
Quantitation Report (Qedit)

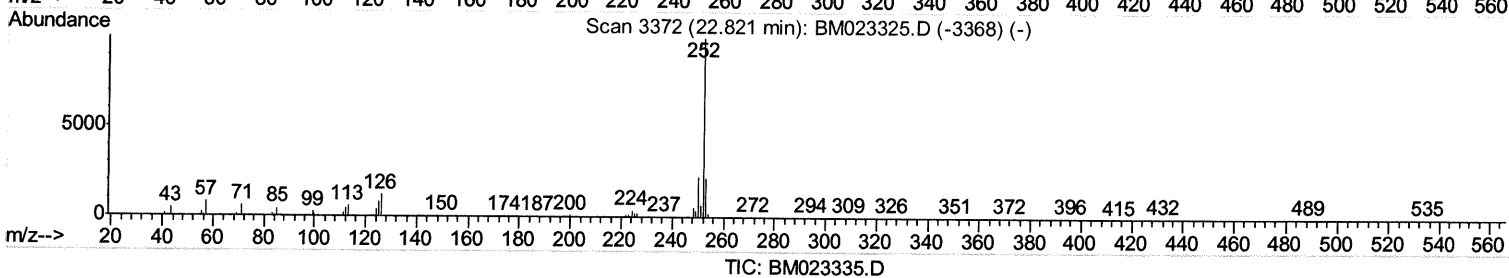
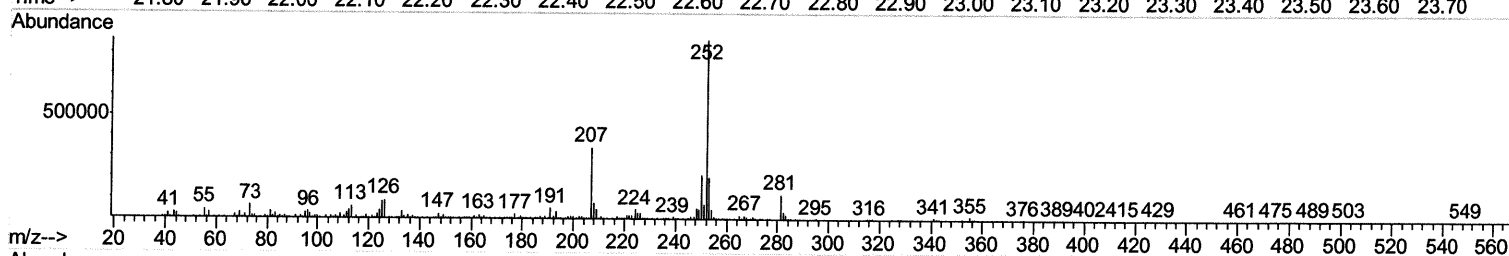
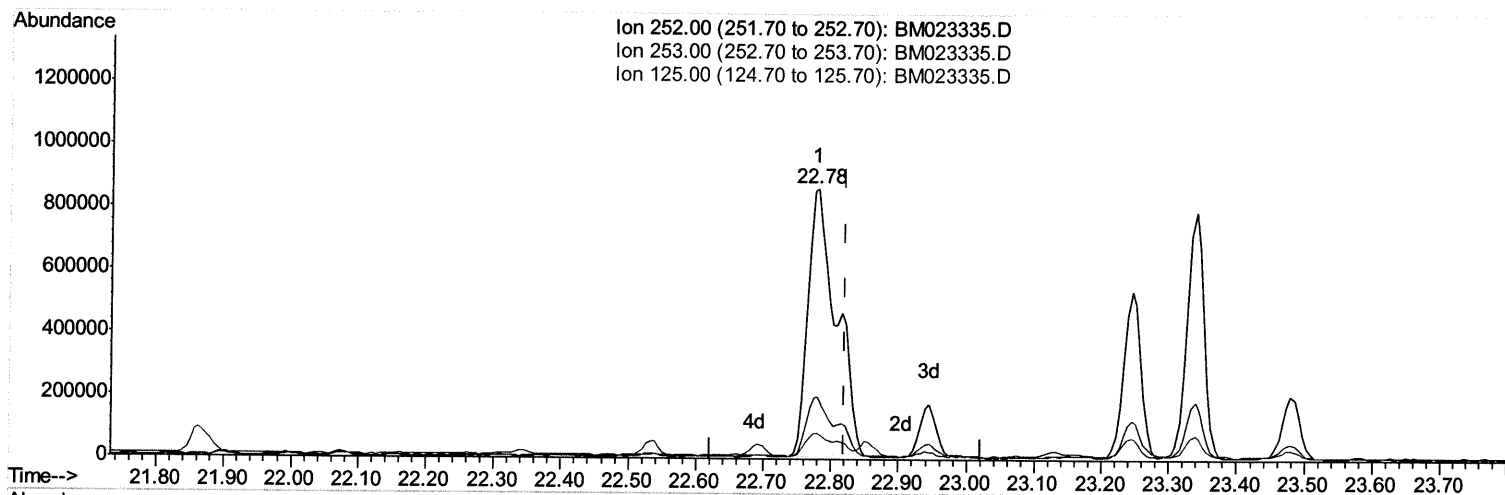
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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 23 04:28:20 2019  
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.780min (-0.041) 12.52ng/ul

response 1872328

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.90 | 23.21 |
| 125.00 | 8.20  | 9.61  |
| 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 | 7.65  | 152  | 393551   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1570687  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 983222   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 2067207  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 2095962  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.43 | 264  | 2569533  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 29982   | 3.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 587868  | 17.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.99  | 67  | 337110  | 17.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 483310  | 18.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 474335  | 17.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 233402  | 21.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.51  | 143 | 257850  | 25.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 494084  | 19.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 156009  | 4.98  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 1543412 | 20.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.98 | 160 | 1799806 | 20.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 207509  | 17.01 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 1359831 | 21.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 150674  | 18.38 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 2146255 | 21.53 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 2363479 | 23.28 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264 | 2864056 | 21.99 | ng/ul | 0.00 |

Target Compounds

|                                |       |     |          |              | Qvalue        |
|--------------------------------|-------|-----|----------|--------------|---------------|
| 6) Phenol                      | 6.85  | 94  | 65652    | 1.857 ng/ul  | 98            |
| 45) Dimethylphthalate          | 13.76 | 163 | 615953   | 8.167 ng/ul  | 99            |
| 48) Acenaphthylene             | 14.01 | 152 | 134767   | 1.491 ng/ul  | 98            |
| 59) Fluorene                   | 15.34 | 166 | 77333    | 1.055 ng/ul# | 99            |
| 70) Phenanthrene               | 17.08 | 178 | 1503226  | 12.957 ng/ul | 99            |
| 72) Anthracene                 | 17.17 | 178 | 334836   | 2.793 ng/ul  | 98            |
| 75) Carbazole                  | 17.44 | 167 | 143924   | 1.344 ng/ul  | 97            |
| 77) Fluoranthene               | 19.10 | 202 | 2515516  | 18.232 ng/ul | 99            |
| 80) Pyrene                     | 19.46 | 202 | 2285348  | 17.405 ng/ul | 98            |
| 83) Benzo(a)anthracene         | 21.22 | 228 | 1266626  | 8.919 ng/ul  | 95            |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 96881    | 1.334 ng/ul# | 95            |
| 85) Chrysene                   | 21.26 | 228 | 1318014  | 9.995 ng/ul  | 96            |
| 88) Benzo(b)fluoranthene       | 22.78 | 252 | 1872328  | 12.018 ng/ul | 97            |
| 89) Benzo(k)fluoranthene       | 22.81 | 252 | 676953m) | 4.525 ng/ul> | > 74 10-23-19 |
| 91) Benzo(a)pyrene             | 23.34 | 252 | 1388286  | 9.288 ng/ul  | 96            |
| 92) Indeno(1,2,3-cd)pyrene     | 25.64 | 276 | 1022992  | 5.753 ng/ul  | 96            |
| 93) Dibenzo(a,h)anthracene     | 25.64 | 278 | 284717   | 1.915 ng/ul# | 90            |
| 94) Benzo(g,h,i)perylene       | 26.32 | 276 | 967337   | 6.607 ng/ul  | 97            |

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