

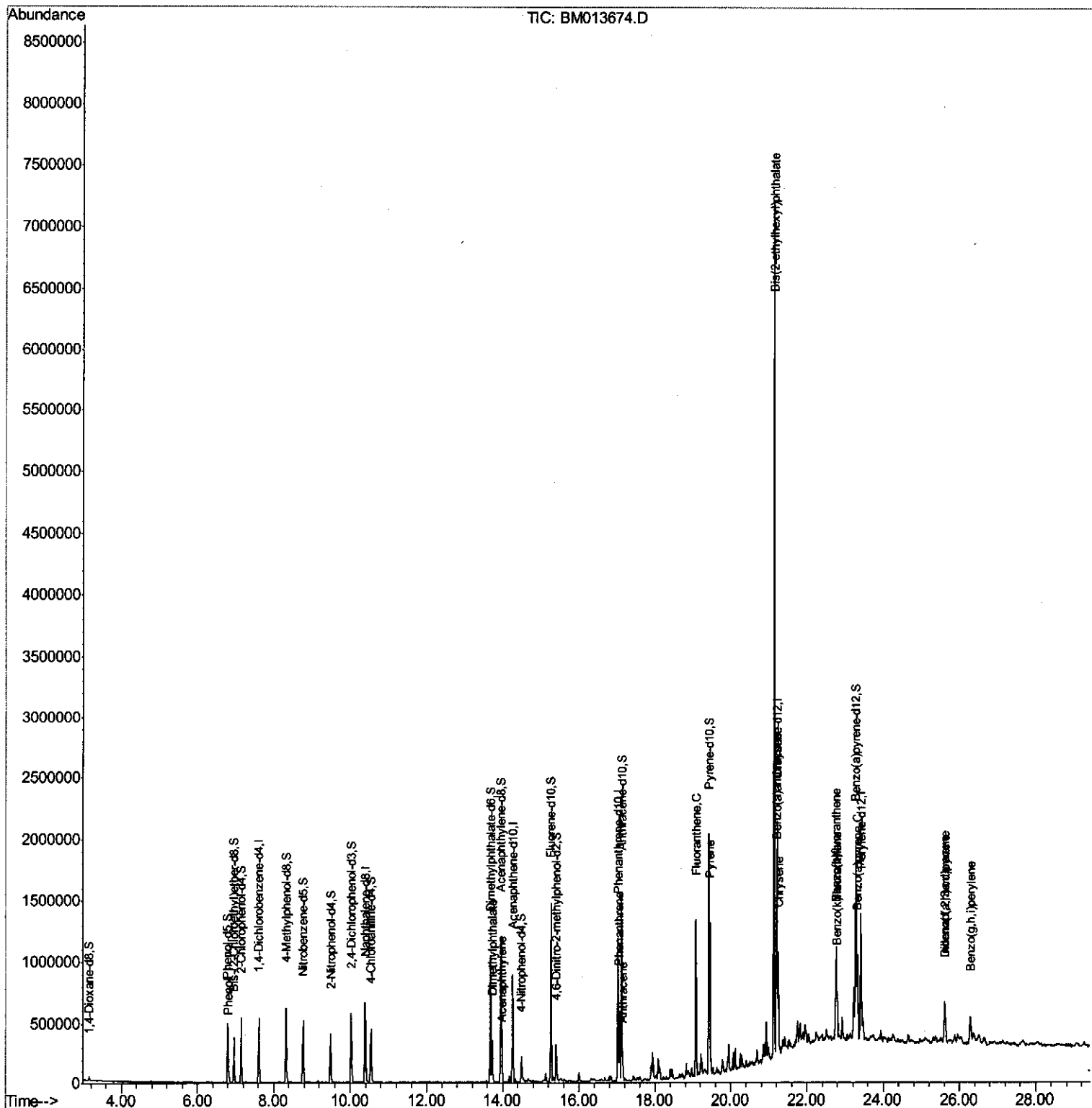
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\  
Data File : BM013674.D  
Acq On : 20 Jan 2018 10:31  
Operator : SJ/JU  
Sample : J1216-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
B0AE7

Quant Time: Jan 22 00:56:06 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 22 00:40:08 2018  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
1/22/2018 2:40:01 PM



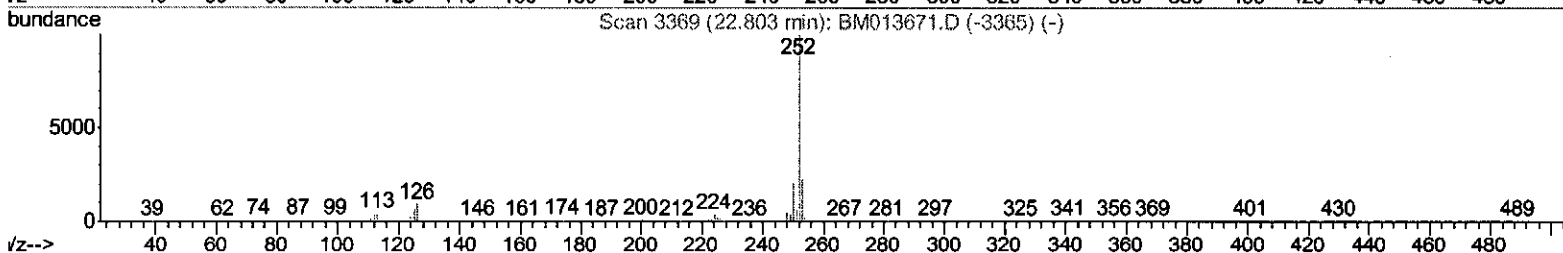
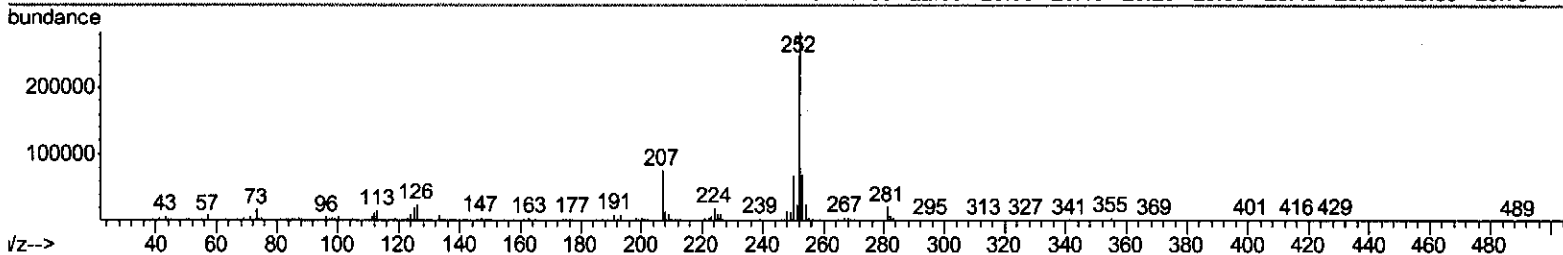
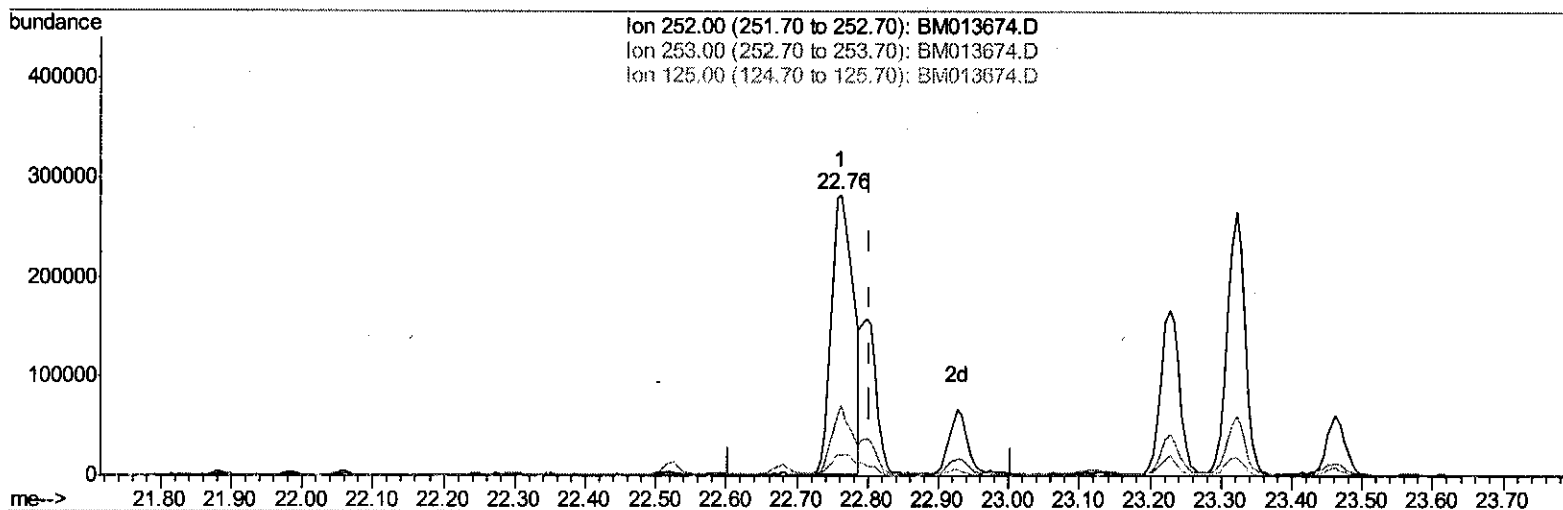
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TIC: BM013674.D

(86) Benzo(k)fluoranthene

22.762min (-0.041) 13.69ng/ul

response 610442

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 24.85 |
| 125.00 | 4.30  | 7.31# |
| 0.00   | 0.00  | 0.00  |

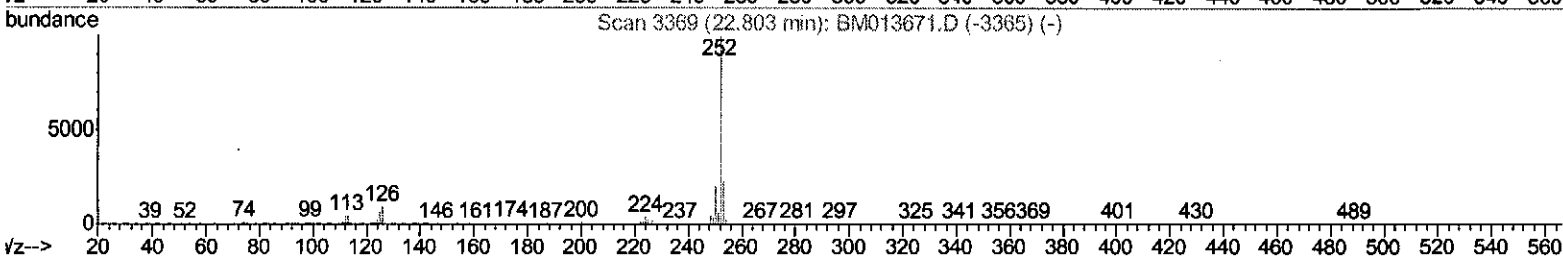
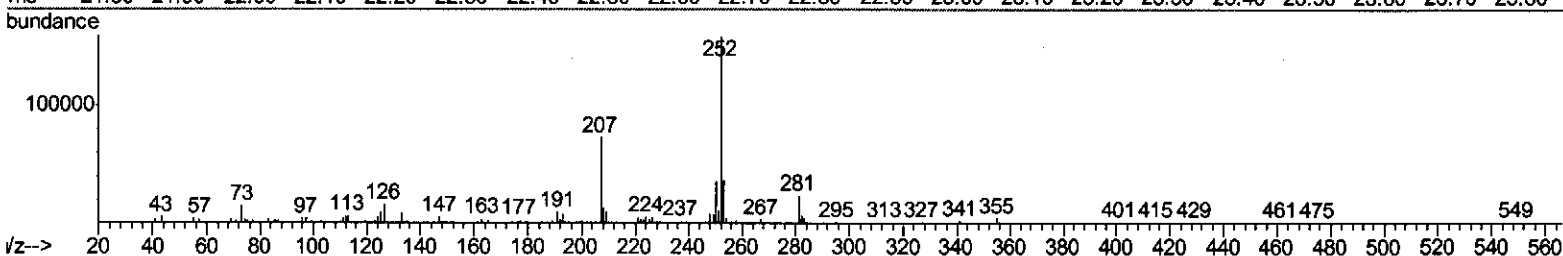
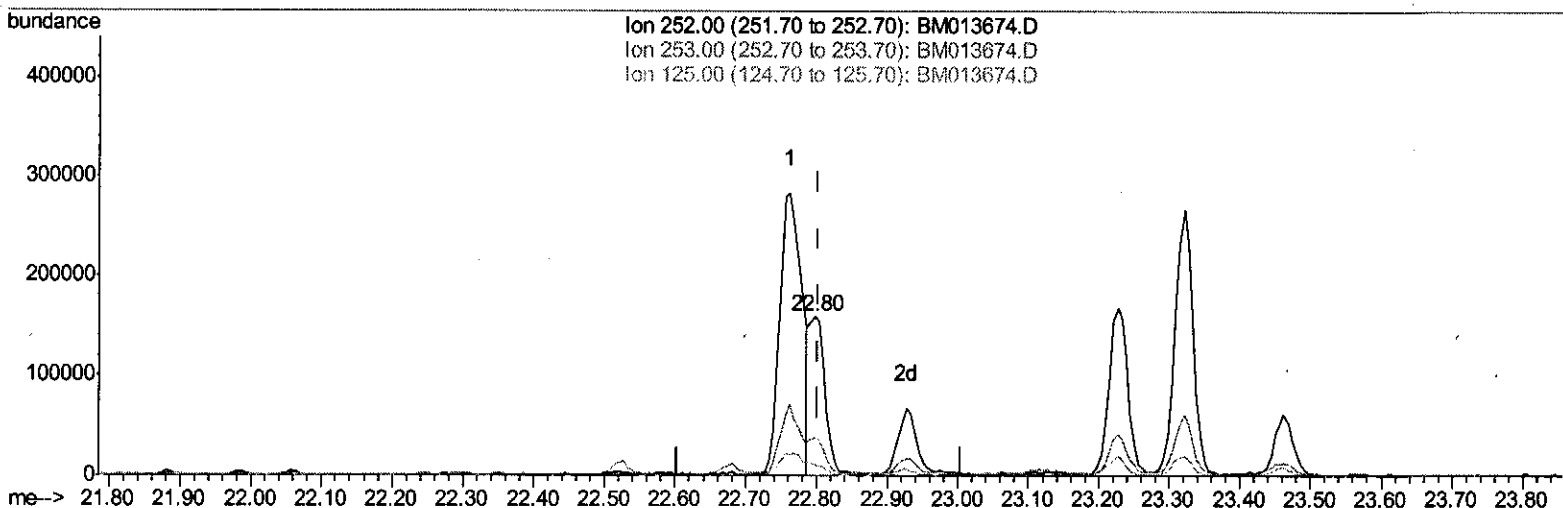
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TIC: BM013674.D

(86) Benzo(k)fluoranthene

22.798min (-0.006) 5.42ng/ul m<sup>2</sup> SJ 1/22/18

response 241507

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 23.26 |
| 125.00 | 4.30  | 6.46# |
| 0.00   | 0.00  | 0.00  |

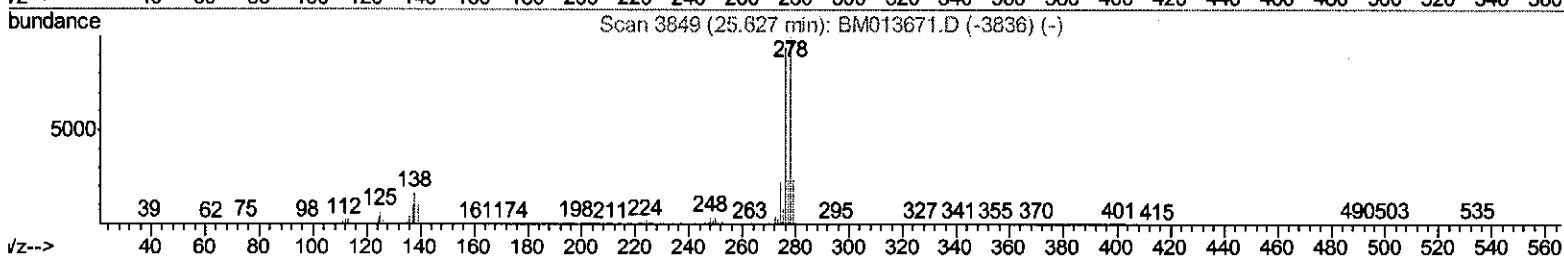
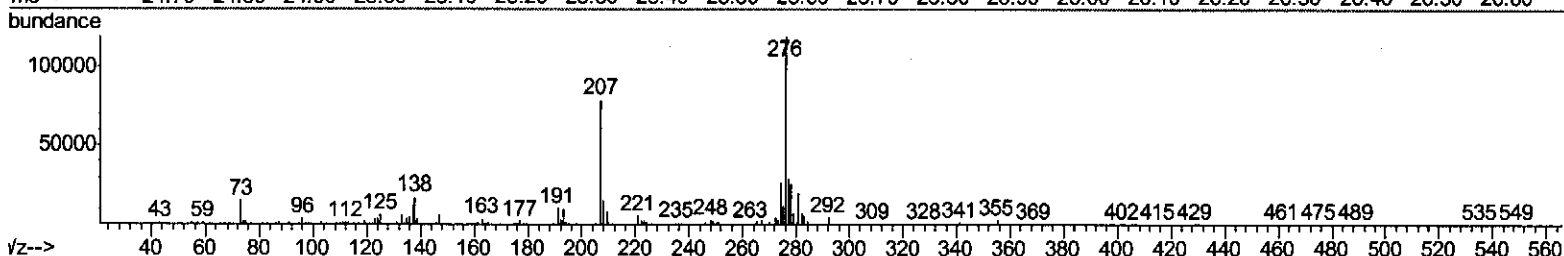
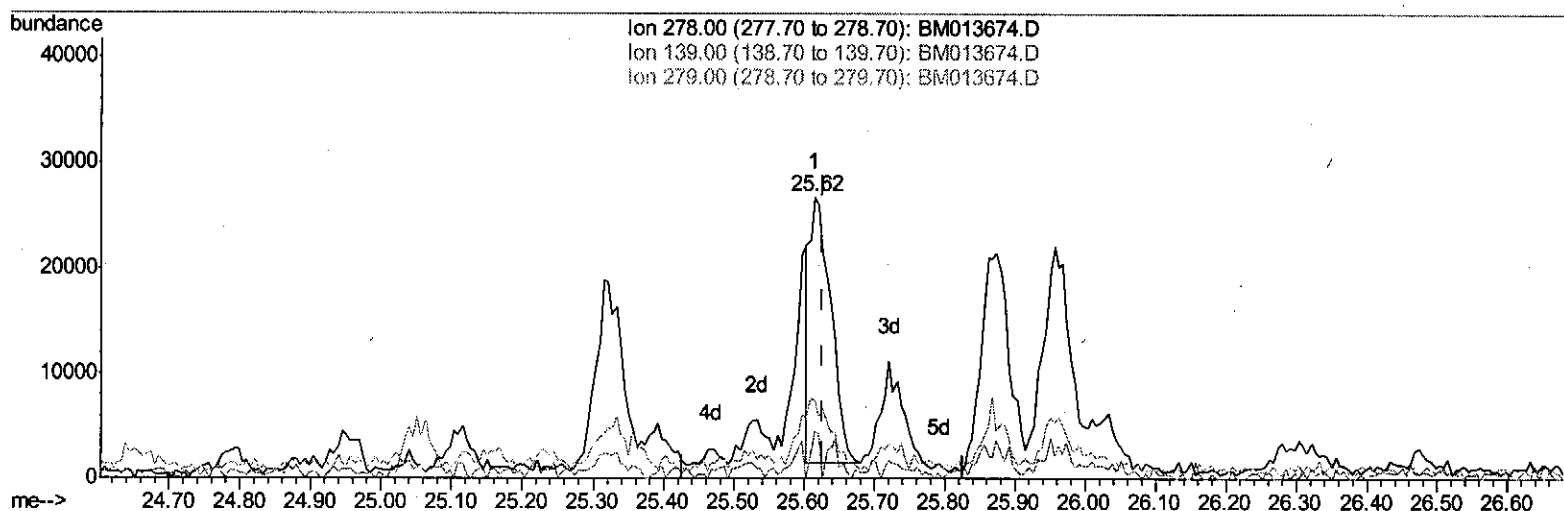
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 Sample : J1216-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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TIC: BM013674.D

(90) Dibenzo(a,h)anthracene

25.615min (-0.012) 1.20ng/ul

response 52136

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 7.30  | 16.91# |
| 279.00 | 23.20 | 27.81  |
| 0.00   | 0.00  | 0.00   |

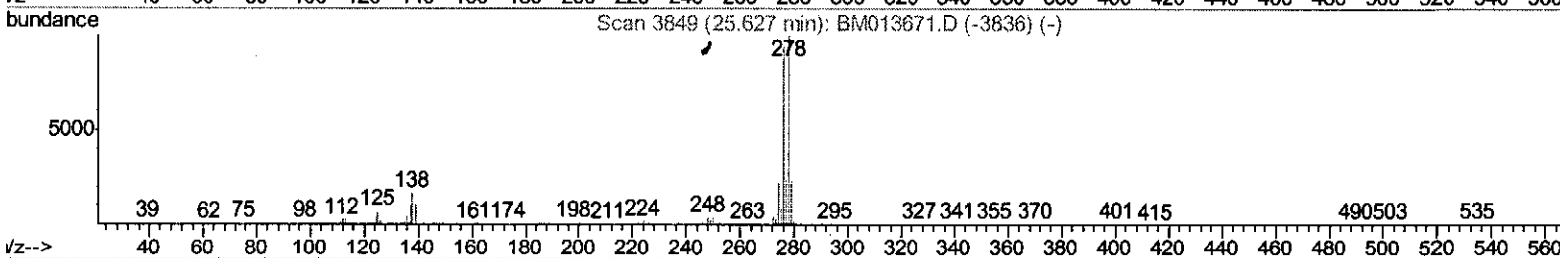
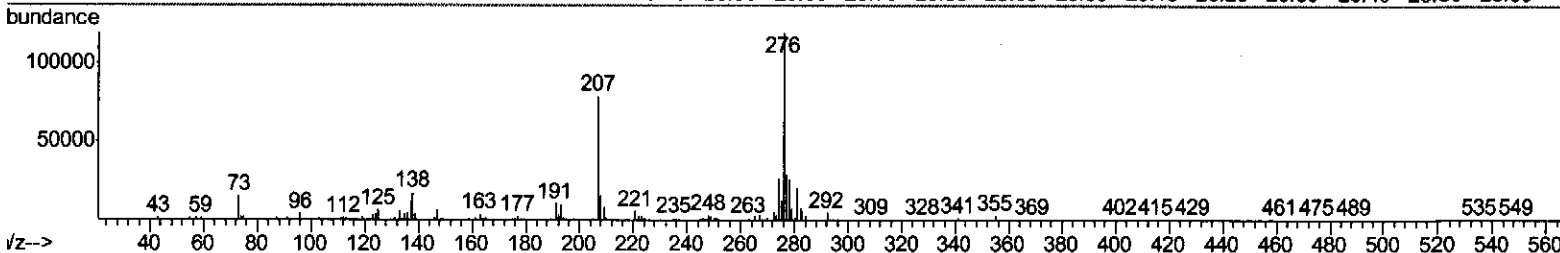
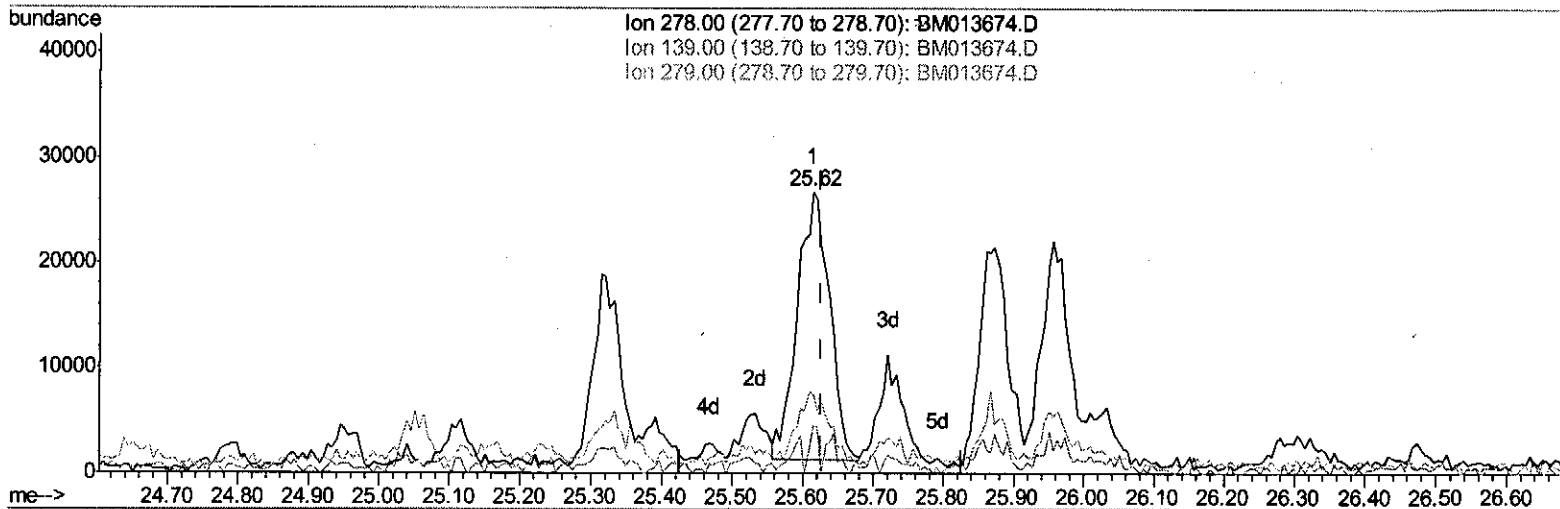
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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0AE7

Manual Integrations  
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TIC: BM013674.D

(90) Dibenzo(a,h)anthracene

25.615min (-0.012) 1.86ng/ul m> SJ 1/22/18

response 80634

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 7.30  | 16.91# |
| 279.00 | 23.20 | 27.81  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\  
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 Acq On : 20 Jan 2018 10:31  
 Operator : SJ/JU  
 Sample : J1216-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0AE7

Manual Integrations  
 APPROVED

Sohil  
 1/22/2018 2:40:01 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 139818   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 535235   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 287405   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 626239   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 724635   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.42 | 264  | 751266   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96   | 13014    | 3.68  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.79  | 99   | 256768   | 23.92 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 157132   | 24.16 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.15  | 132  | 217901   | 24.91 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.32  | 113  | 212525   | 25.76 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 109471   | 26.36 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.49  | 143  | 118861   | 27.08 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165  | 220195   | 25.97 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.54 | 131  | 236863   | 32.20 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.68 | 166  | 631799   | 26.67 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.95 | 160  | 828592   | 27.43 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.49 | 143  | 54816    | 14.24 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.26 | 176  | 545045   | 26.17 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 67523    | 17.91 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.12 | 188  | 820018   | 26.88 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.42 | 212  | 948946   | 28.13 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264  | 1006088  | 29.14 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 6) Phenol                      | 6.82  | 94   | 33636    | 3.124  | ng/ul# | 85     |
| 44) Dimethylphthalate          | 13.73 | 163  | 202248   | 8.684  | ng/ul# | 97     |
| 47) Acenaphthylene             | 13.99 | 152  | 83231    | 3.012  | ng/ul  | 99     |
| 69) Phenanthrene               | 17.06 | 178  | 333861   | 9.591  | ng/ul  | 98     |
| 71) Anthracene                 | 17.15 | 178  | 68866    | 1.918  | ng/ul  | 97     |
| 74) Fluoranthene               | 19.08 | 202  | 740427   | 17.819 | ng/ul# | 93     |
| 77) Pyrene                     | 19.44 | 202  | 739360   | 16.784 | ng/ul# | 94     |
| 80) Benzo(a)anthracene         | 21.20 | 228  | 436032   | 9.958  | ng/ul  | 95     |
| 81) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 2282528  | 98.037 | ng/ul# | 99     |
| 82) Chrysene                   | 21.25 | 228  | 448127   | 11.156 | ng/ul  | 98     |
| 85) Benzo(b)fluoranthene       | 22.76 | 252  | 610442   | 13.231 | ng/ul# | 94     |
| 86) Benzo(k)fluoranthene       | 22.80 | 252  | 241507m> | 5.416  | ng/ul  |        |
| 88) Benzo(a)pyrene             | 23.32 | 252  | 467126   | 10.718 | ng/ul# | 98     |
| 89) Indeno(1,2,3-cd)pyrene     | 25.61 | 276  | 325211   | 6.321  | ng/ul  | 100    |
| 90) Dibenzo(a,h)anthracene     | 25.62 | 278  | 80634m>  | 1.856  | ng/ul  |        |
| 91) Benzo(a,h,i)perylene       | 26.29 | 276  | 267050   | 6.307  | ng/ul# | 93     |

} SJ 1/22/18

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