

(QT Reviewed)

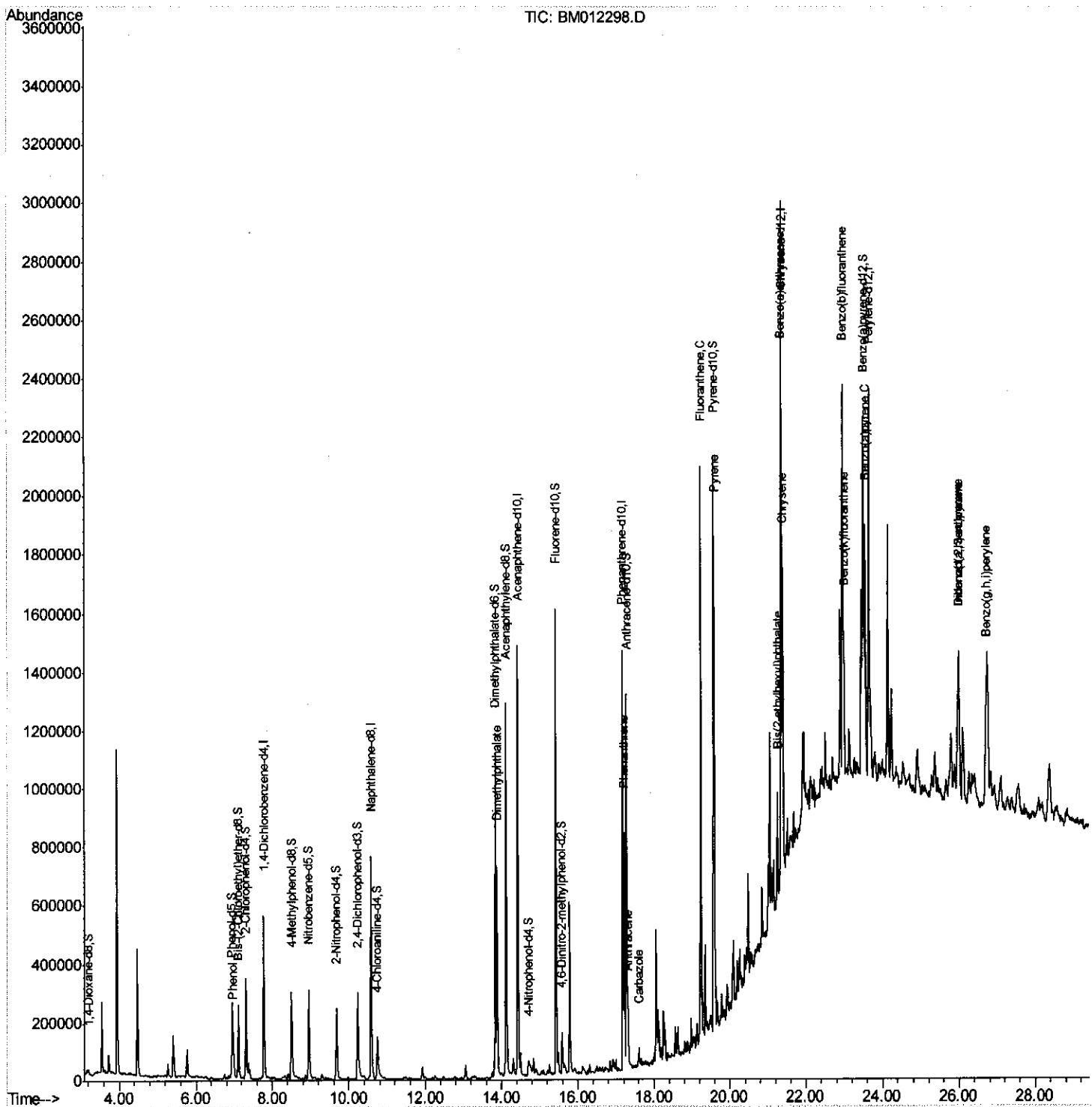
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM101817\  
Data File : BM012298.D  
Acq On : 19 Oct 2017 02:38  
Operator : SJ/JU  
Sample : I5747-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
BNA\_M  
**ClientSampleId :**  
B-23(0-1)-100517

## Manual Integrations

Sohil  
10/23/2017 3:49:48 PM

Quant Time: Oct 19 14:59:23 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 18 23:09:30 2017  
Response via : Initial Calibration



## Quantitation Report (Qedit)

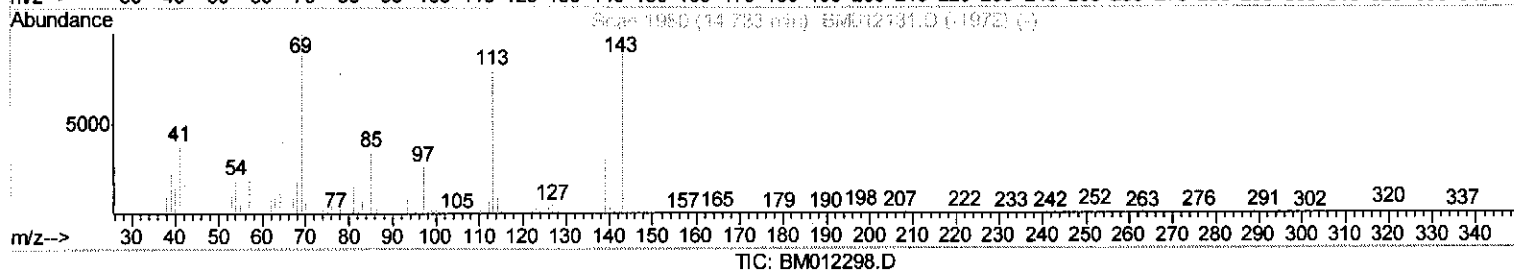
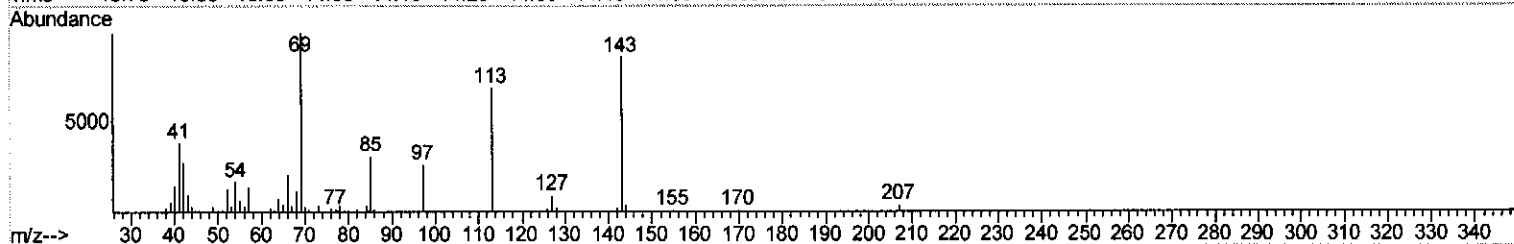
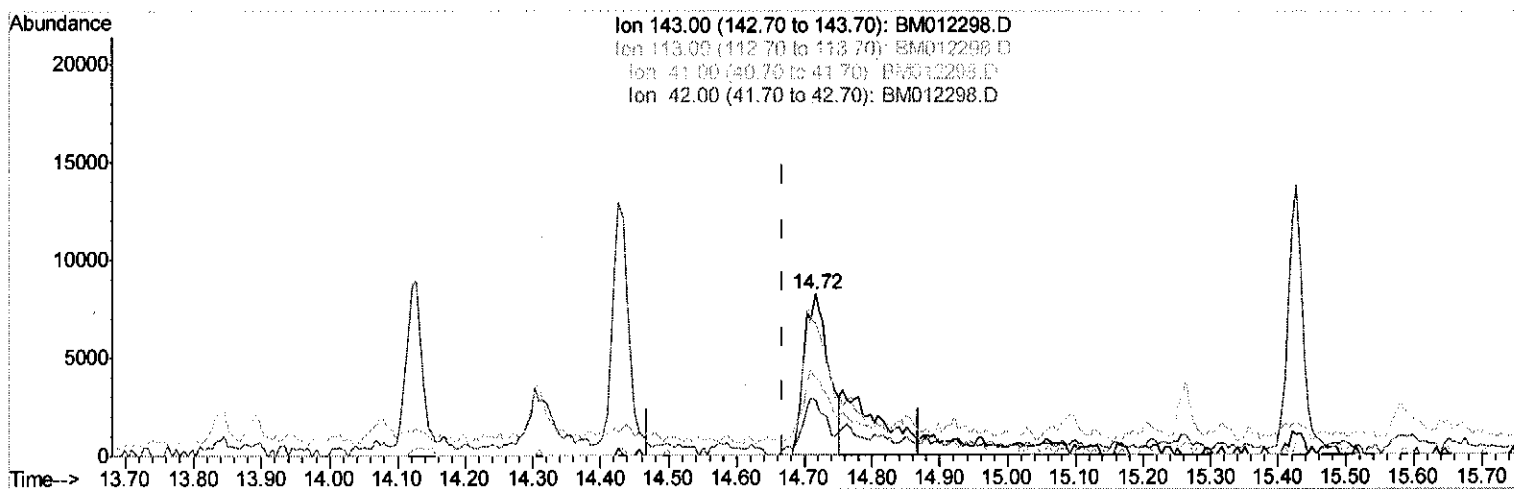
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(51) 4-Nitrophenol-d4 (S)

14.715min (+0.047) 3.16ng/ul

response 20868

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 81.80 | 80.81  |
| 41.00  | 40.00 | 47.04  |
| 42.00  | 25.70 | 34.42# |

## Quantitation Report (Qedit)

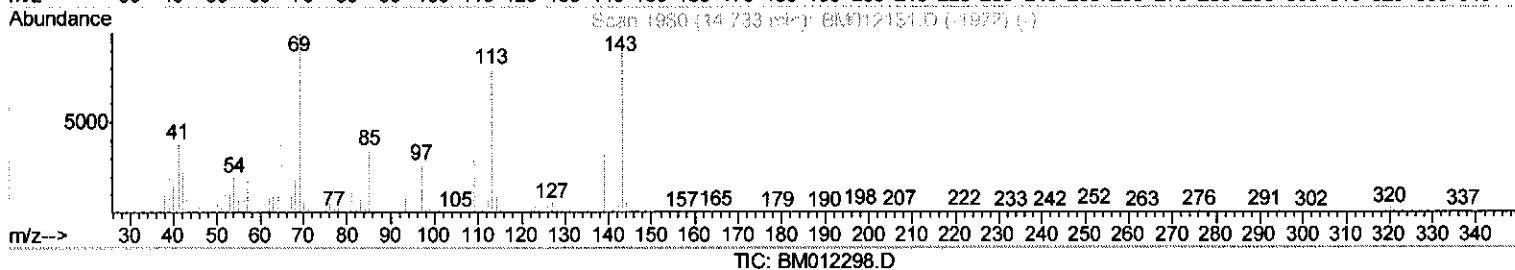
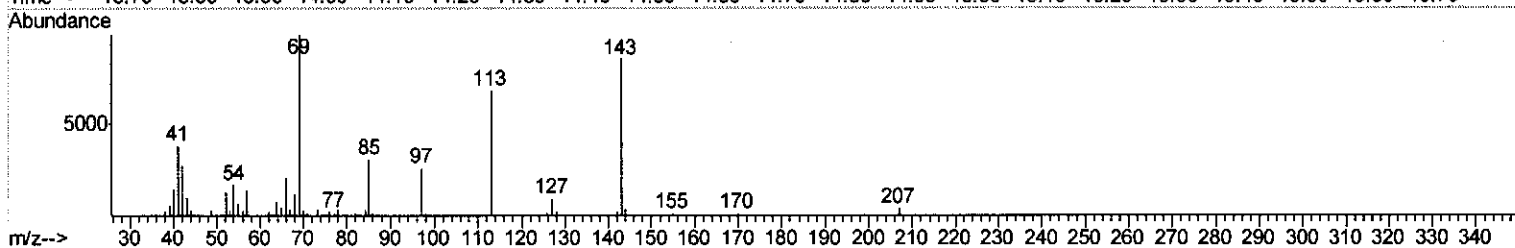
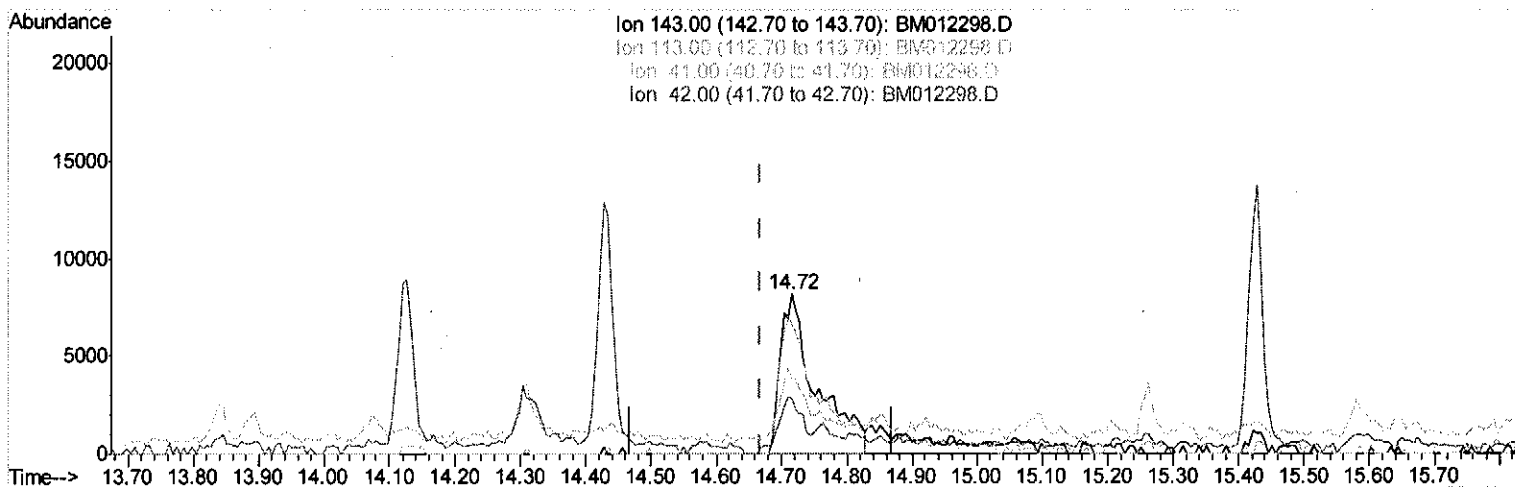
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TIC: BM012298.D

(51) 4-Nitrophenol-d4 (S)

14.715min (+0.047) 4.70ng/ul m

SJ 10/24/17

response 30996

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 81.80 | 80.81  |
| 41.00  | 40.00 | 47.04  |
| 42.00  | 25.70 | 34.42# |

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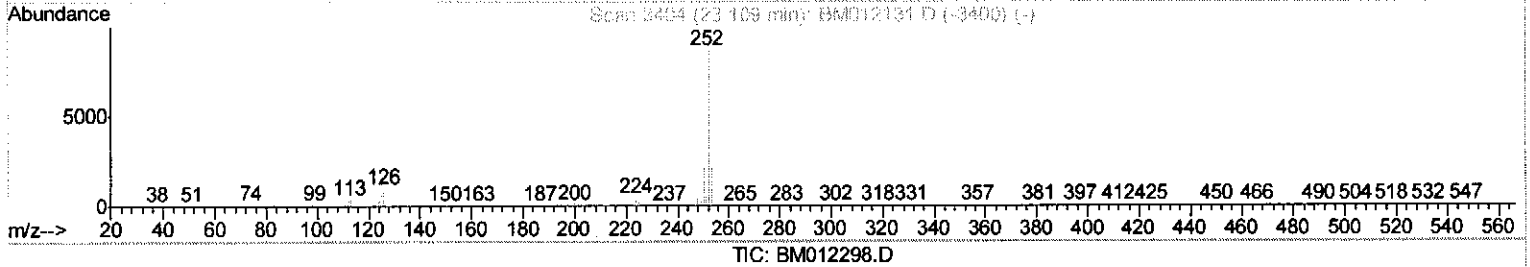
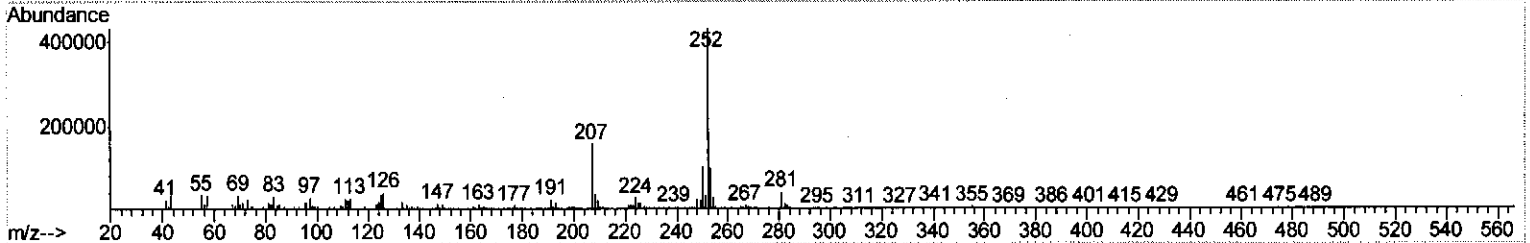
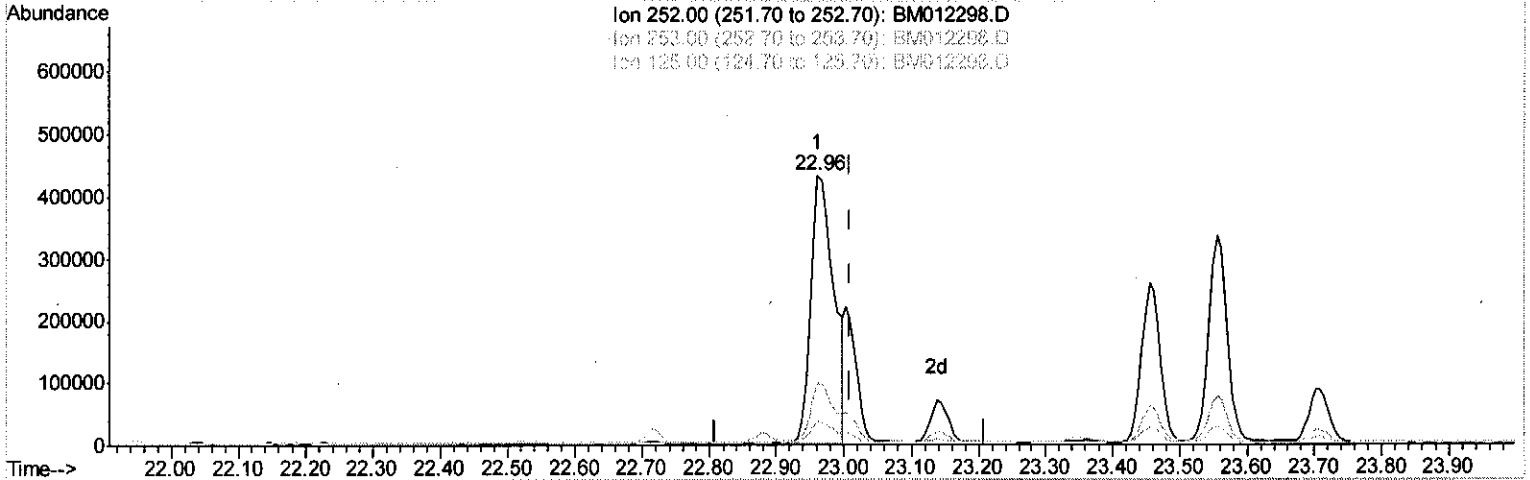
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(86) Benzo(k)fluoranthene

22.962min (-0.047) 16.06ng/ul

response 1014841

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 22.93 |
| 125.00 | 6.10  | 8.53# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

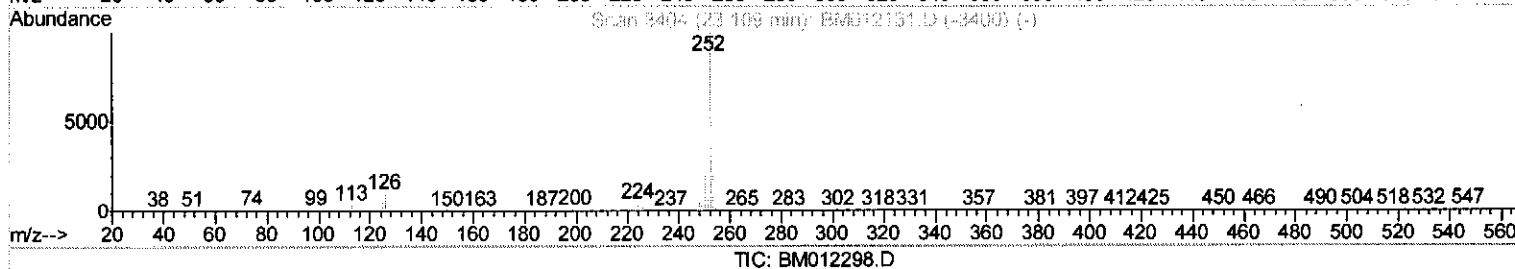
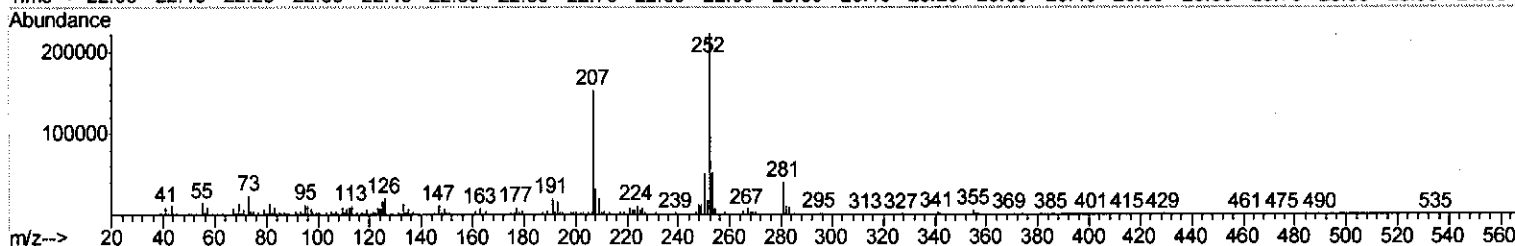
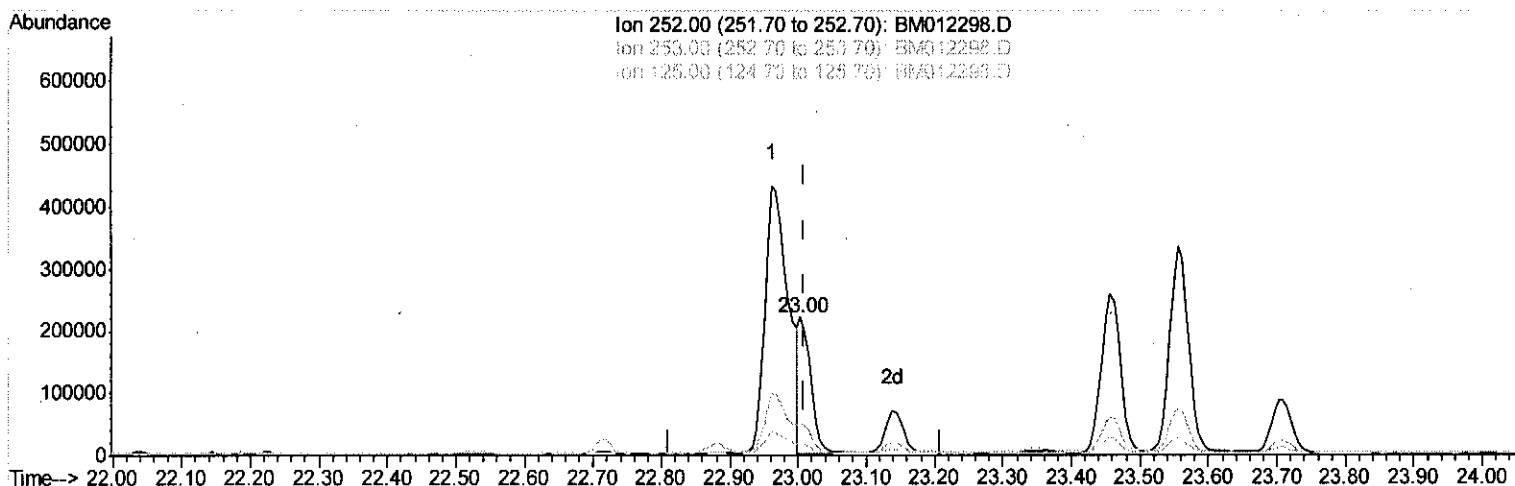
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Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.003min (-0.006) 4.29ng/ul m

JU 10/24/17

response 271442

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.34 |
| 125.00 | 6.10  | 7.79# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM101817\  
 Data File : BM012298.D  
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 Operator : SJ/JU  
 Sample : I5747-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 170383   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 666346   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 496694   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.18 | 188  | 856427   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 950868   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 1005026  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 8640   | 2.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 172771 | 12.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 116256 | 14.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.31  | 132 | 171614 | 14.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 148529 | 12.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 81419  | 16.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 92845  | 15.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 165752 | 14.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.74 | 131 | 119610 | 11.27 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 733490 | 16.71 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 944026 | 17.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 30996m | 4.70  | ng/ul | 0.05 |
| 57) Fluorene-d10               | 15.43 | 176 | 647823 | 17.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 42558  | 7.24  | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.28 | 188 | 752995 | 17.78 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 870024 | 18.02 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 878744 | 18.14 | ng/ul | 0.00 |

| Target Compounds               |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.98  | 94  | 38048   | 2.662  | ng/ul 96  |
| 44) Dimethylphthalate          | 13.89 | 163 | 482965  | 10.981 | ng/ul 99  |
| 69) Phenanthrene               | 17.22 | 178 | 490229  | 10.062 | ng/ul 99  |
| 71) Anthracene                 | 17.32 | 178 | 108538  | 2.152  | ng/ul 98  |
| 72) Carbazole                  | 17.60 | 167 | 47945   | 1.123  | ng/ul 99  |
| 74) Fluoranthene               | 19.24 | 202 | 1150439 | 19.567 | ng/ul 98  |
| 77) Pyrene                     | 19.60 | 202 | 1030602 | 16.412 | ng/ul 98  |
| 80) Benzo(a)anthracene         | 21.34 | 228 | 602685  | 9.741  | ng/ul 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 120075  | 2.863  | ng/ul 98  |
| 82) Chrysene                   | 21.40 | 228 | 628353  | 10.817 | ng/ul 98  |
| 85) Benzo(b)fluoranthene       | 22.96 | 252 | 1014841 | 15.473 | ng/ul# 97 |
| 86) Benzo(k)fluoranthene       | 23.00 | 252 | 271442m | 4.295  | ng/ul 97  |
| 88) Benzo(a)pyrene             | 23.56 | 252 | 633662  | 10.251 | ng/ul# 96 |
| 89) Indeno(1,2,3-cd)pyrene     | 26.00 | 276 | 525105  | 7.999  | ng/ul 98  |
| 90) Dibenzo(a,h)anthracene     | 26.00 | 278 | 125501  | 2.274  | ng/ul# 84 |
| 91) Benzo(g,h,i)perylene       | 26.72 | 276 | 454972  | 8.462  | ng/ul 97  |

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