

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111319\  
Quantitation Report (QT Reviewed)

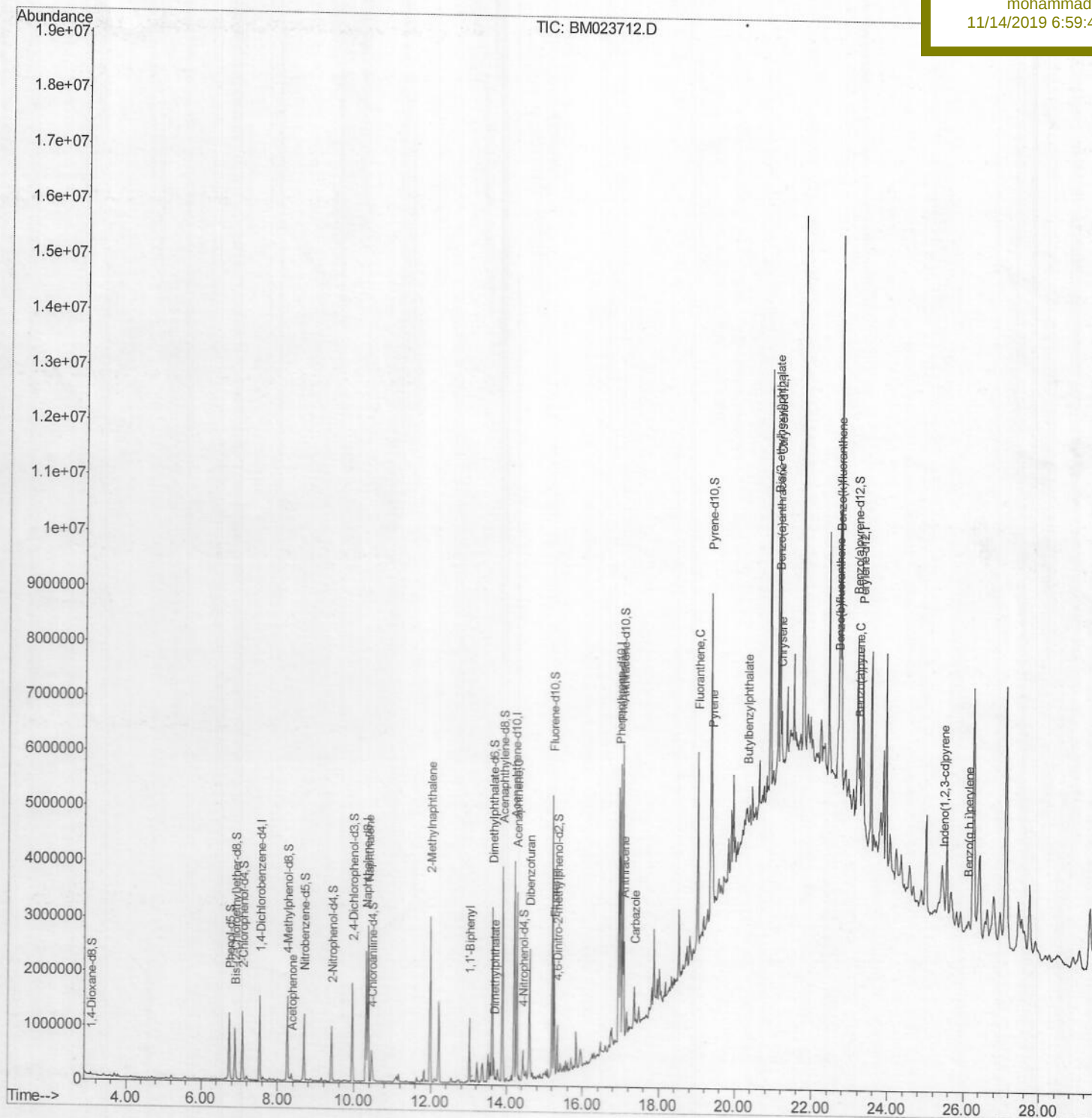
Data File : BM023712.D  
Acq On : 14 Nov 2019 00:19  
Operator : JU  
Sample : K5678-16  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 14 03:52:41 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 14 03:45:07 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sampled :  
JLMA1

Manual Integrations  
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SOM-EPA-BM11119MA.M Thu Nov 14 03:51:01 2019

Page: 3

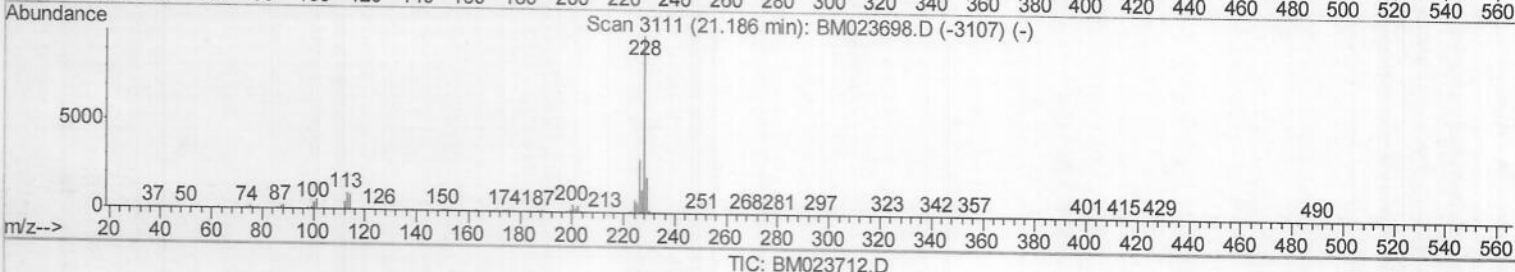
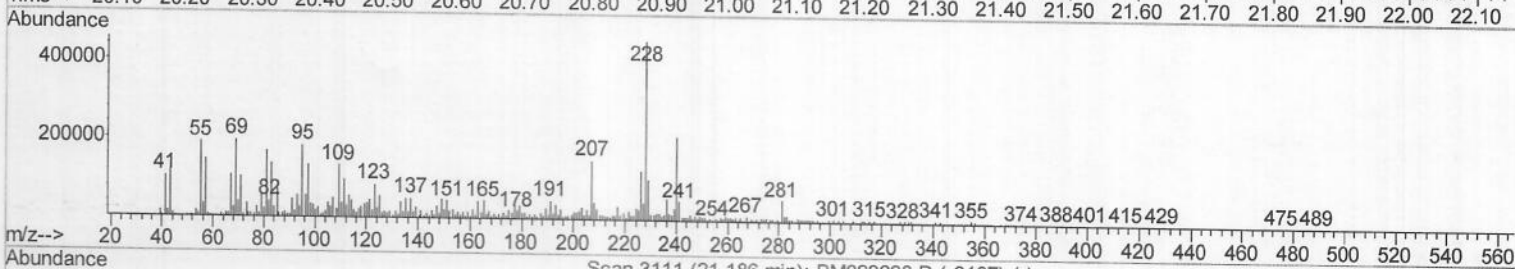
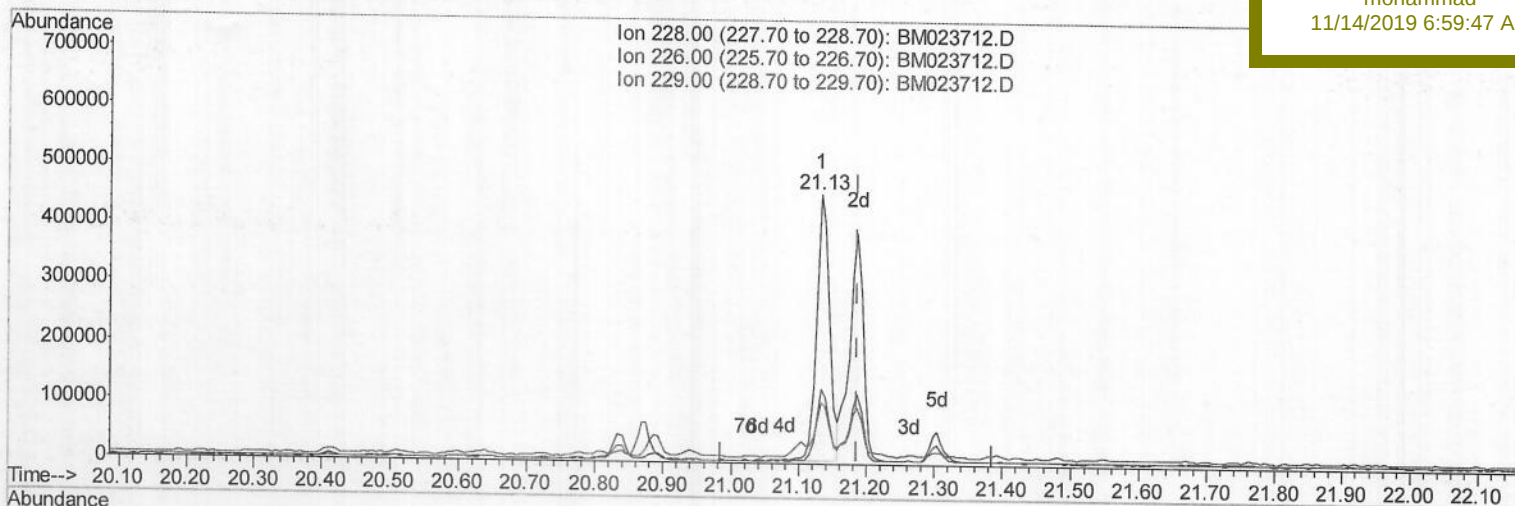
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BNA\_M  
ClientSampleId :  
JLMA1

Manual Integrations  
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(85) Chrysene

21.133min (-0.053) 4.66ng/ul

response 599975

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.80 | 27.68 |
| 229.00 | 19.70 | 22.88 |
| 0.00   | 0.00  | 0.00  |

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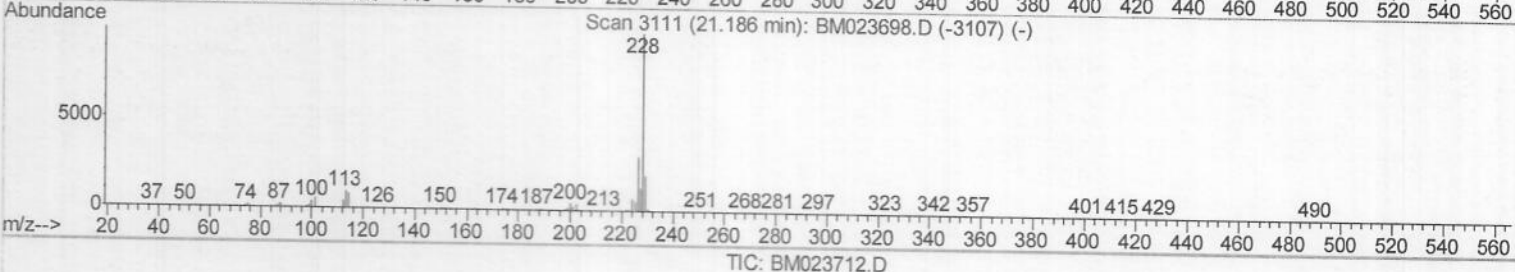
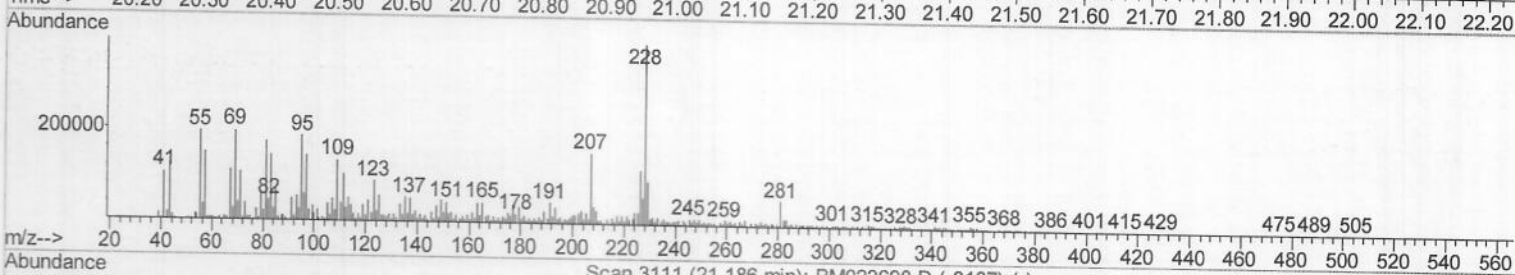
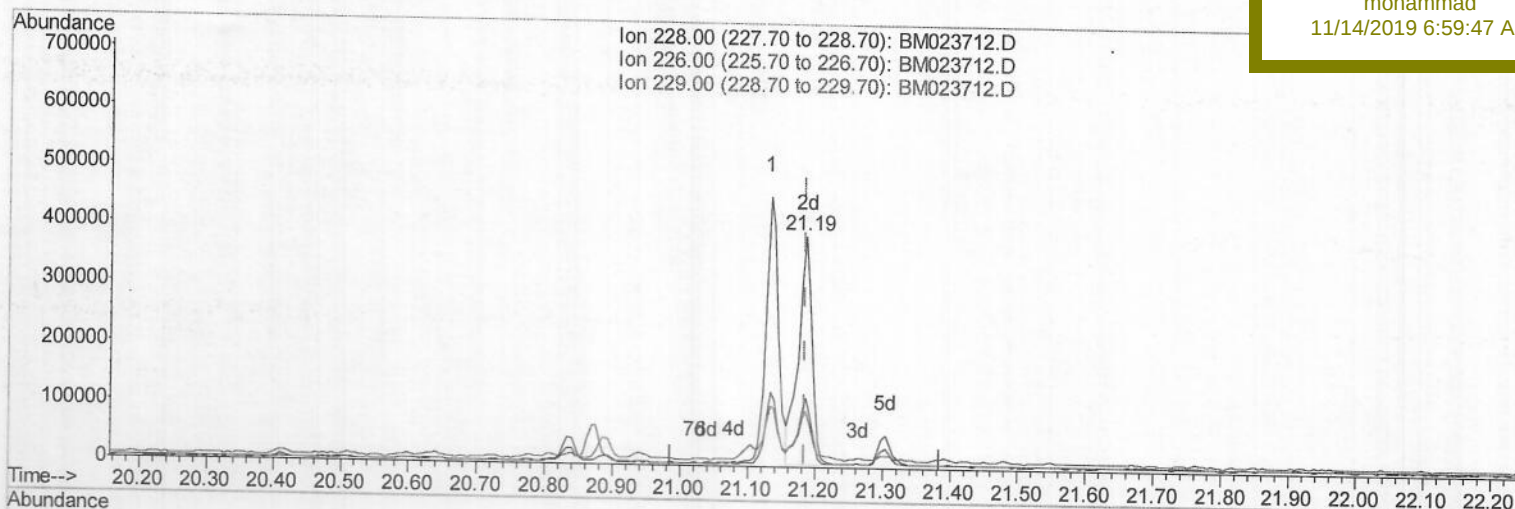
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JLMA1

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(85) Chrysene

21.186min (+0.000) 4.28ng/ul m > JU 11/15/19

response 551647

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.80 | 30.14  |
| 229.00 | 19.70 | 24.22# |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

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Acq On : 14 Nov 2019 00:19

Operator : JU

Sample : K5678-16

Misc :

ALS Vial : 23 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

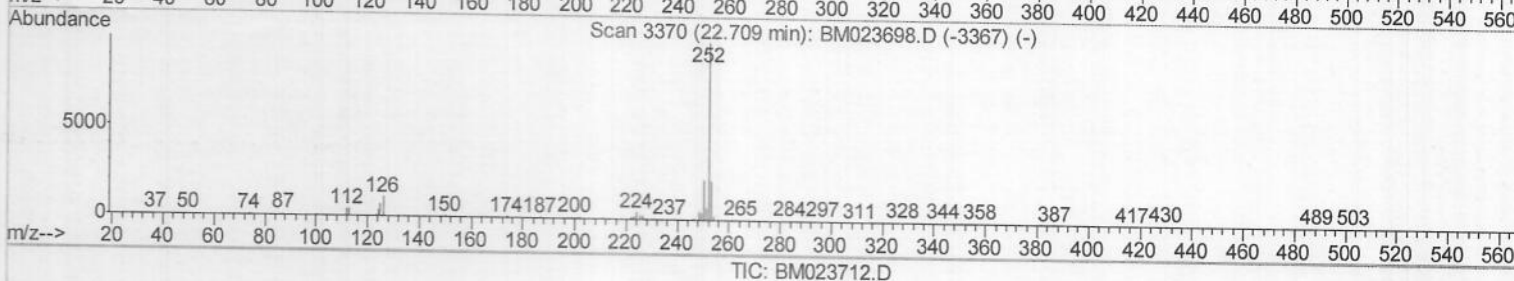
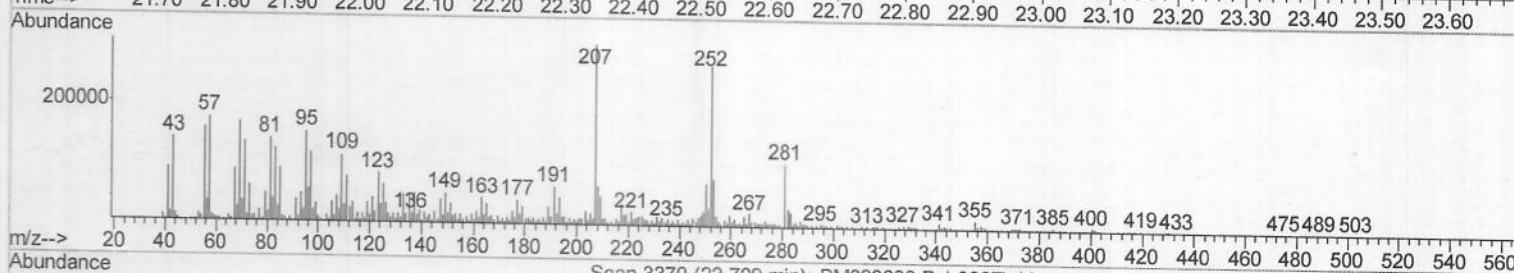
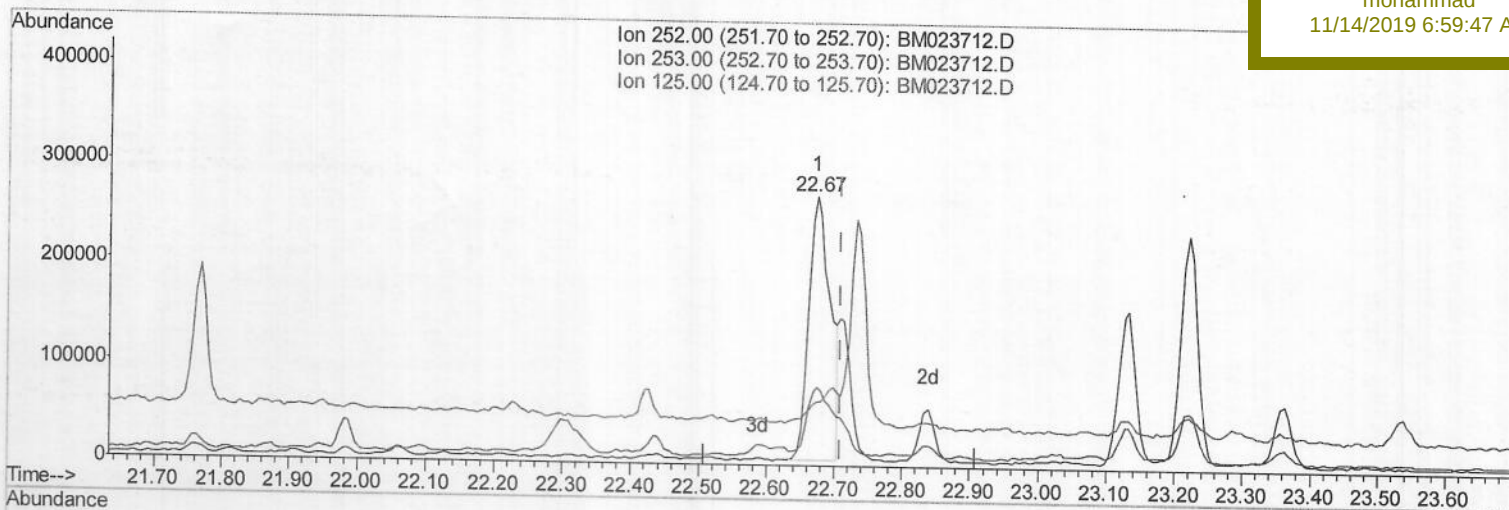
JLMA1

Manual Integrations

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(89) Benzo(k)fluoranthene

22.674min (-0.035) 4.54ng/ul

response 587111

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.50 | 29.75# |
| 125.00 | 7.40  | 24.17# |
| 0.00   | 0.00  | 0.00   |

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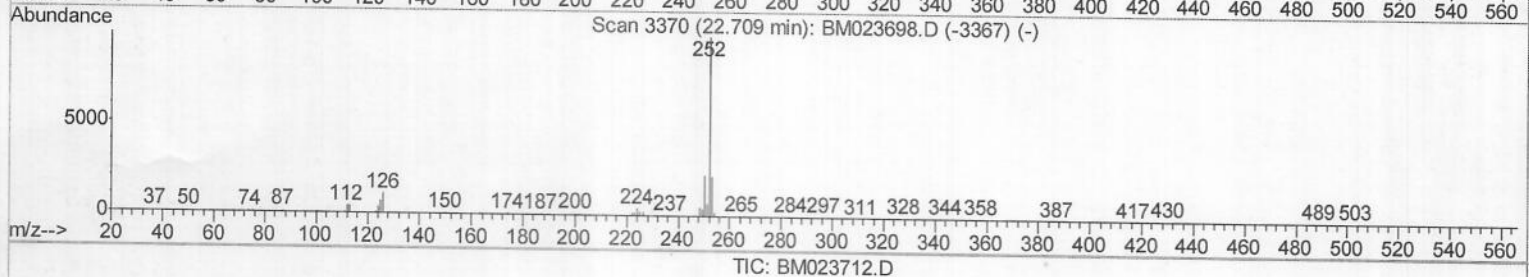
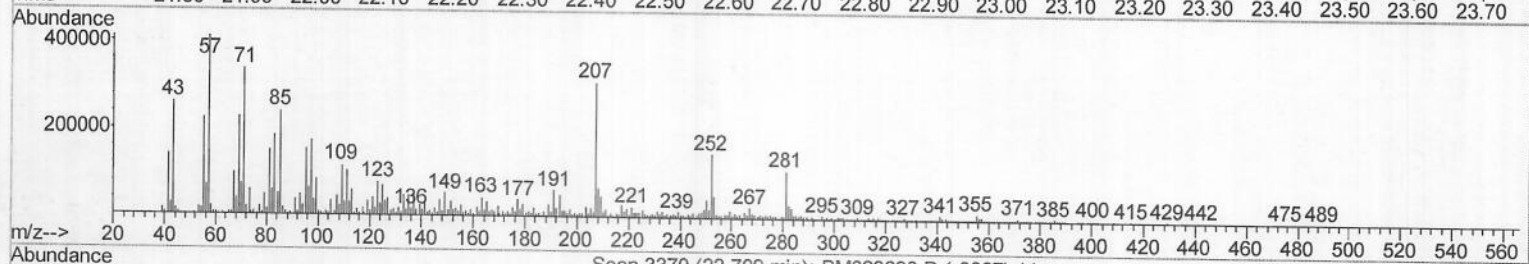
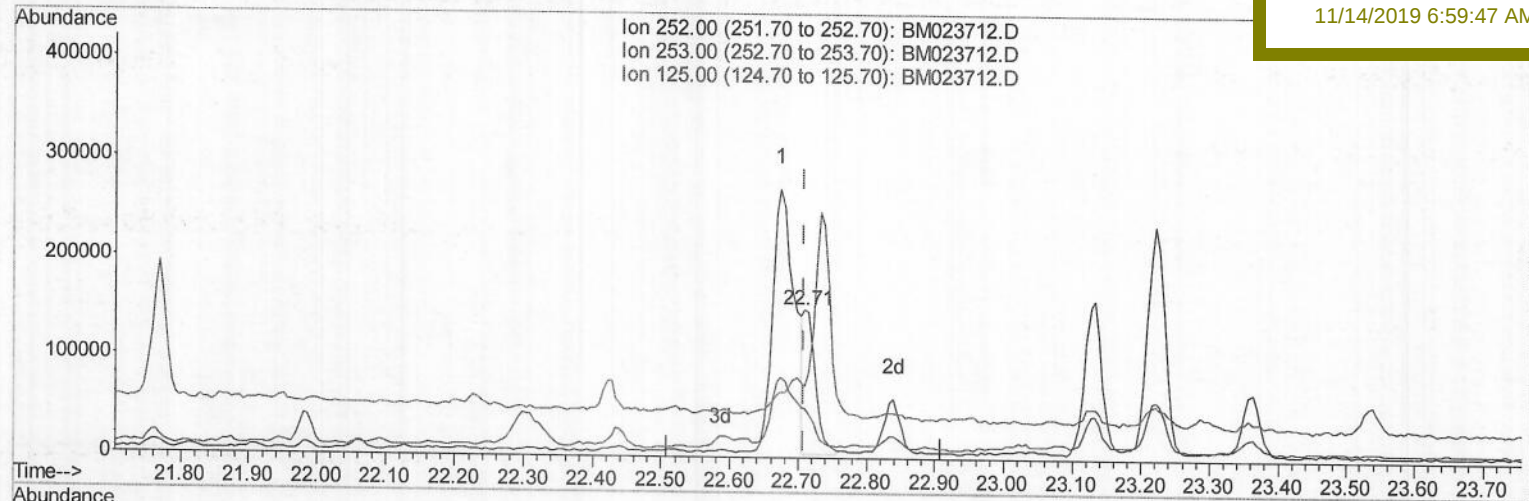
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ClientSampleId :  
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Manual Integrations  
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(89) Benzo(k)fluoranthene

22.709min (+0.000) 1.38ng/ul m > JU 11/15/19

response 178337

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.50 | 33.28# |
| 125.00 | 7.40  | 47.89# |
| 0.00   | 0.00  | 0.00   |

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Misc :

ALS Vial : 23 Sample Multiplier: 1

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QLast Update : Thu Nov 14 03:45:07 2019

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Instrument :

BNA\_M

ClientSampleId :

JLMA1

Manual Integrations

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 429892   | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.32 | 136  | 1973631  | 20.00 | ng/ul | 0.00      |
| 36) Acenaphthene-d10      | 14.20 | 164  | 1334313  | 20.00 | ng/ul | 0.00      |
| 62) Phenanthrene-d10      | 16.95 | 188  | 2777073  | 20.00 | ng/ul | 0.00      |
| 78) Chrysene-d12          | 21.15 | 240  | 2075141  | 20.00 | ng/ul | 0.00      |
| 86) Perylene-d12          | 23.32 | 264  | 2107249  | 20.00 | ng/ul | 0.00      |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 24954   | 2.39  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 747576  | 19.08 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.89  | 67  | 420616  | 18.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 584739  | 20.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 598621  | 19.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 317449  | 22.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 353470  | 23.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 706143  | 20.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 348298  | 9.37  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 2193546 | 21.08 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 2626473 | 22.12 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.43 | 143 | 151409  | 8.52  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.20 | 176 | 1955796 | 21.29 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 217655  | 13.55 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.05 | 188 | 2915742 | 22.13 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.35 | 212 | 2911984 | 26.91 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.18 | 264 | 2425227 | 21.87 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |              | Qvalue |
|--------------------------------|-------|-----|---------|--------------|--------|
| 14) Acetophenone               | 8.36  | 105 | 69144   | 1.418 ng/ul  | 95     |
| 28) Naphthalene                | 10.36 | 128 | 2343391 | 22.590 ng/ul | 100    |
| 34) 2-Methylnaphthalene        | 11.99 | 142 | 1505473 | 18.972 ng/ul | 99     |
| 41) 1,1'-Biphenyl              | 13.02 | 154 | 618088  | 6.005 ng/ul  | 99     |
| 45) Dimethylphthalate          | 13.66 | 163 | 224217  | 2.199 ng/ul  | 99     |
| 50) Acenaphthene               | 14.26 | 153 | 1371696 | 16.169 ng/ul | 99     |
| 54) Dibenzofuran               | 14.60 | 168 | 1514069 | 12.056 ng/ul | 97     |
| 59) Fluorene                   | 15.25 | 166 | 881652  | 8.653 ng/ul  | 98     |
| 70) Phenanthrene               | 16.99 | 178 | 3075894 | 20.108 ng/ul | 100    |
| 72) Anthracene                 | 17.08 | 178 | 1044722 | 6.792 ng/ul  | 98     |
| 75) Carbazole                  | 17.35 | 167 | 342126  | 2.668 ng/ul  | 97     |
| 77) Fluoranthene               | 19.02 | 202 | 2134657 | 13.025 ng/ul | 99     |
| 80) Pyrene                     | 19.38 | 202 | 1547078 | 11.534 ng/ul | 98     |
| 81) Butylbenzylphthalate       | 20.30 | 149 | 57747   | 1.359 ng/ul# | 78     |
| 83) Benzo(a)anthracene         | 21.13 | 228 | 594946  | 4.347 ng/ul  | 96     |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 1695770 | 26.438 ng/ul | 100    |
| 85) Chrysene                   | 21.19 | 228 | 551647m | 4.281 ng/ul  |        |
| 88) Benzo(b)fluoranthene       | 22.67 | 252 | 587111  | 4.371 ng/ul# | 76     |
| 89) Benzo(k)fluoranthene       | 22.71 | 252 | 178337m | 1.378 ng/ul  |        |
| 91) Benzo(a)pyrene             | 23.22 | 252 | 404741  | 3.291 ng/ul# | 84     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.47 | 276 | 234089  | 1.780 ng/ul  | 97     |
| 94) Benzo(g,h,i)perylene       | 26.12 | 276 | 218876  | 2.054 ng/ul# | 92     |

JU 11/15/19

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11/14/2019 6:59:47 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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