

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\  
 Data File : BM012511.D  
 Acq On : 28 Oct 2017 06:40  
 Operator : SJ/JU  
 Sample : I5719-13 5X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-27(0.5-1.5)-100517

Quant Time: Oct 30 06:33:29 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 30 05:30:34 2017  
 Response via : Initial Calibration

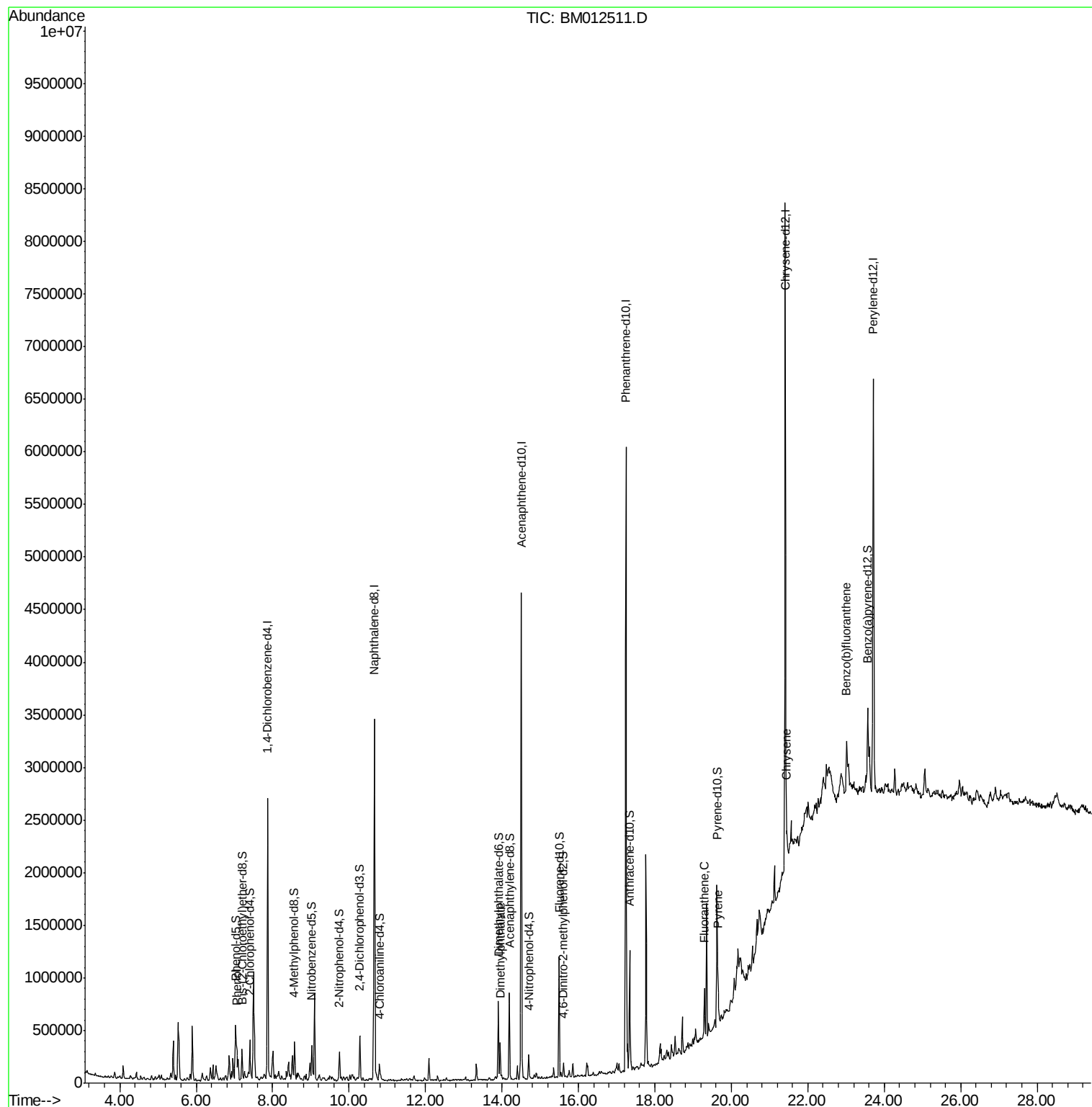
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.87  | 152  | 681124   | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.66 | 136  | 2662785  | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.50 | 164  | 1553358  | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.24 | 188  | 3423356  | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.41 | 240  | 2858780  | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.71 | 264  | 2963514  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.36  | 96   | 10121    | 0.76  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.03  | 99   | 180127   | 3.17  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67   | 119279   | 3.53  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.40  | 132  | 144850   | 3.40  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.57  | 113  | 128294   | 2.64  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.02  | 128  | 71132    | 4.27  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.75  | 143  | 77463    | 4.51  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.28 | 165  | 151588   | 3.33  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.79 | 131  | 78477    | 1.64  | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.90 | 166  | 476178   | 3.51  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.19 | 160  | 574621   | 3.58  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.70 | 143  | 51438    | 2.55  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.49 | 176  | 409891   | 3.57  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200  | 29412    | 1.78  | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.34 | 188  | 610552   | 3.74  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.63 | 212  | 605647   | 4.62  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264  | 510712   | 3.63  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 6) Phenol                      | 7.06  | 94   | 140340   | 2.369 | ng/ul# | 81       |
| 44) Dimethylphthalate          | 13.95 | 163  | 212874   | 1.586 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.29 | 202  | 262650   | 1.252 | ng/ul# | 93       |
| 77) Pyrene                     | 19.66 | 202  | 263588   | 1.621 | ng/ul# | 92       |
| 82) Chrysene                   | 21.44 | 228  | 175163   | 1.151 | ng/ul  | 95       |
| 85) Benzo(b)fluoranthene       | 23.02 | 252  | 232130   | 1.267 | ng/ul# | 83       |

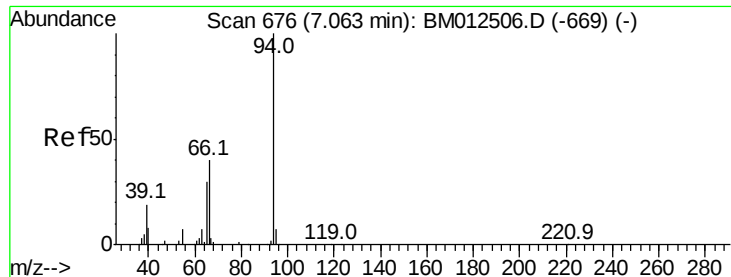
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 30 05:30:34 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 2.369 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

Instrument :

BNA\_M

ClientSampleId :

B-27(0.5-1.5)-100517

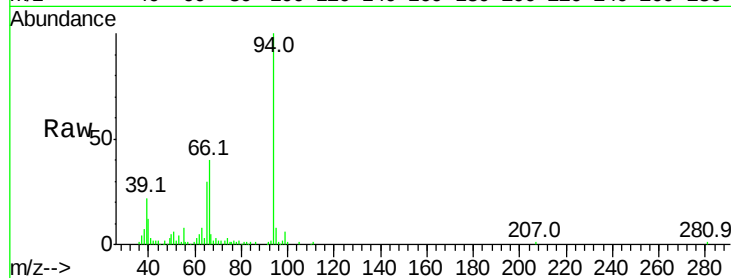
Tot Ion: 94 Resp: 140340

Ion Ratio Lower Upper

94 100

65 29.8 28.2 42.4

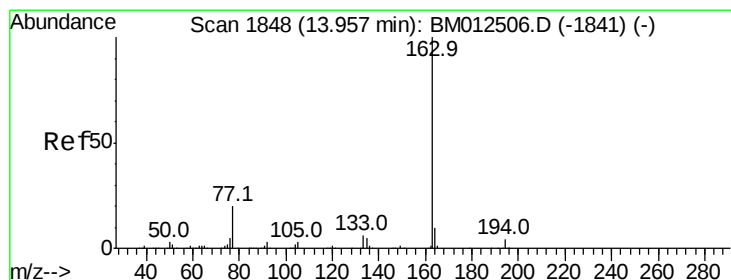
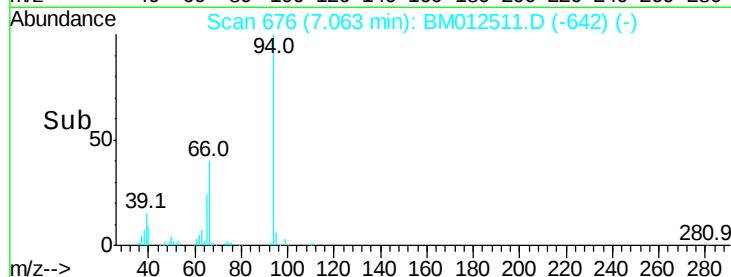
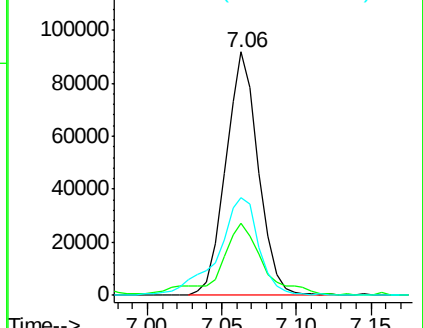
66 40.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012506.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012506.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012506.D (-669) (-)



#44

Dimethylphthalate

Concen: 1.586 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

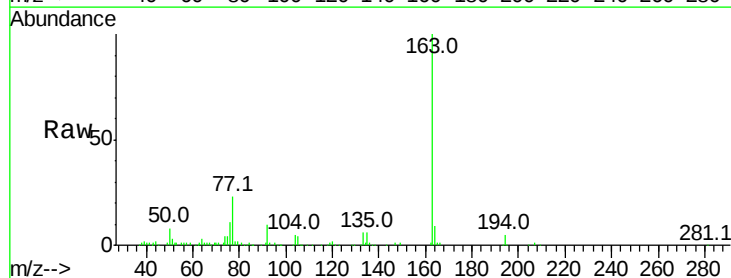
Tgt Ion:163 Resp: 212874

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

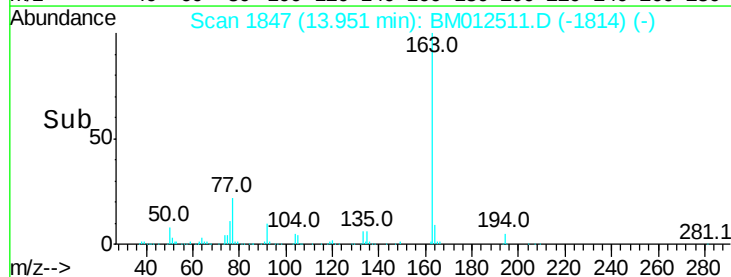
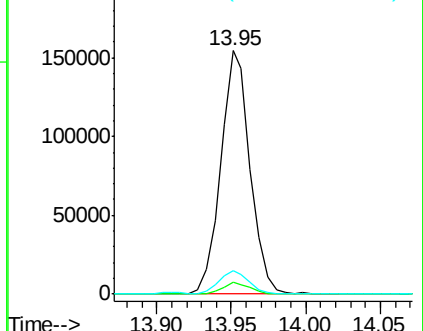
164 9.4 8.2 12.4

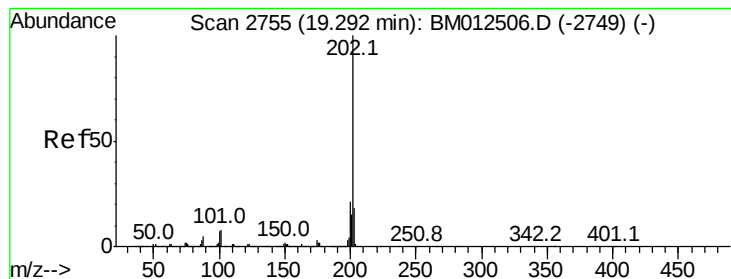


Abundance Ion 163.00 (162.70 to 163.70): BM012506.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012506.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012506.D (-1841) (-)





#74

Fluoranthene

Concen: 1.252 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

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ClientSampleId :

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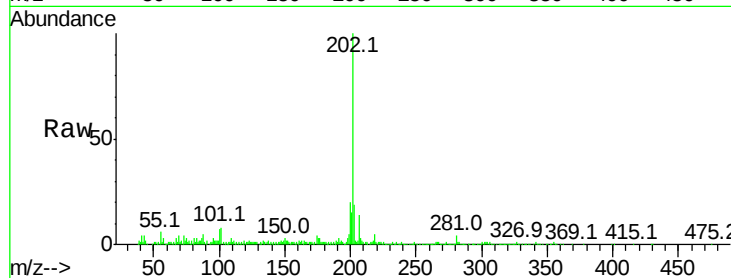
Tot Ion:202 Resp: 262650

Ion Ratio Lower Upper

202 100

101 8.0 4.6 7.0#

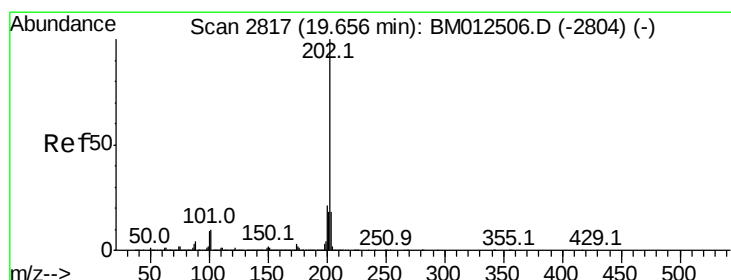
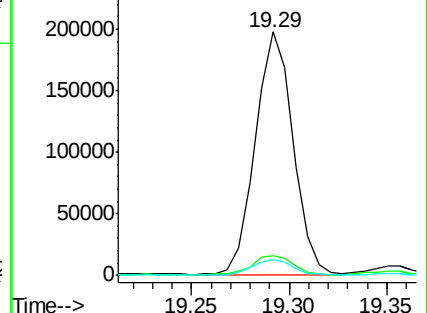
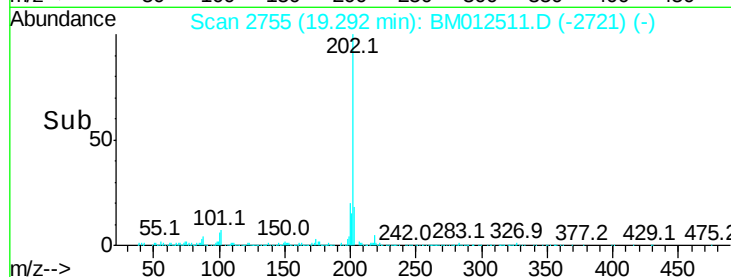
100 6.7 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 1.621 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

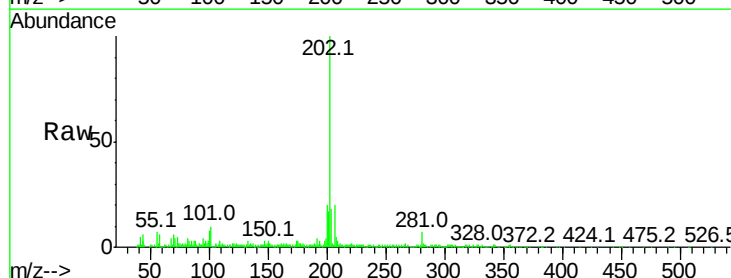
Tgt Ion:202 Resp: 263588

Ion Ratio Lower Upper

202 100

101 10.1 5.1 7.7#

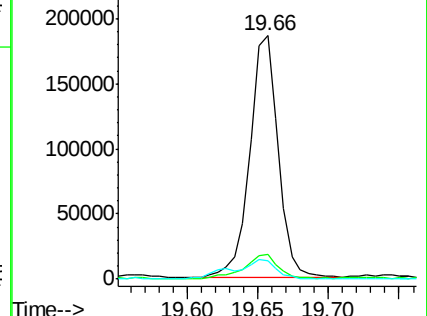
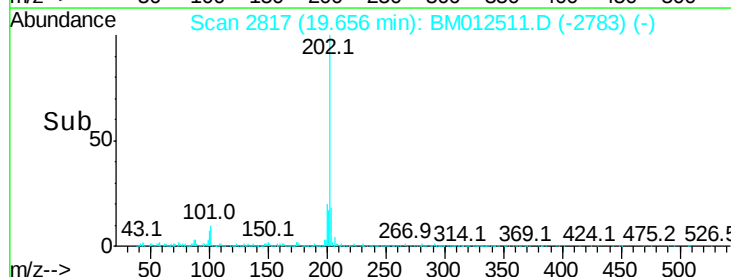
100 7.6 4.9 7.3#

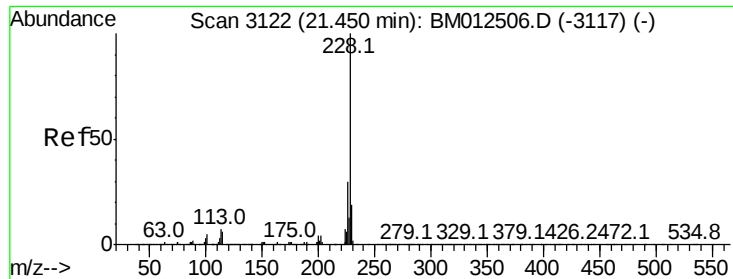


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.151 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

Instrument :

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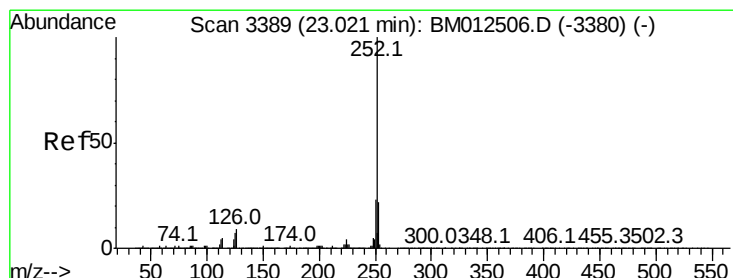
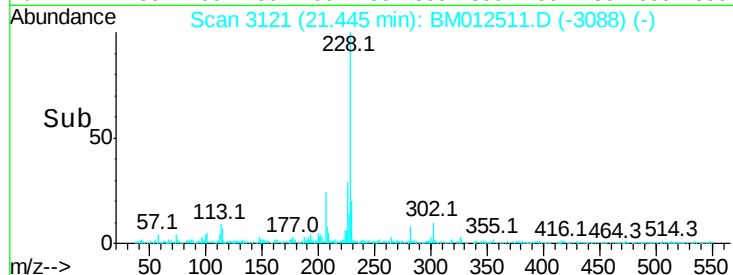
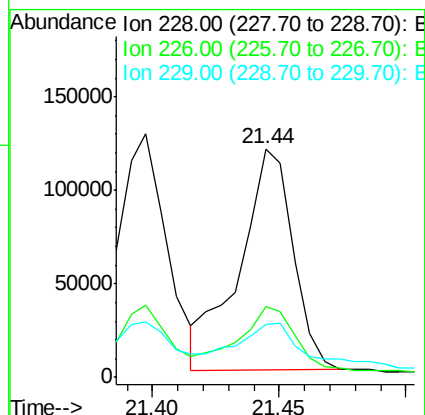
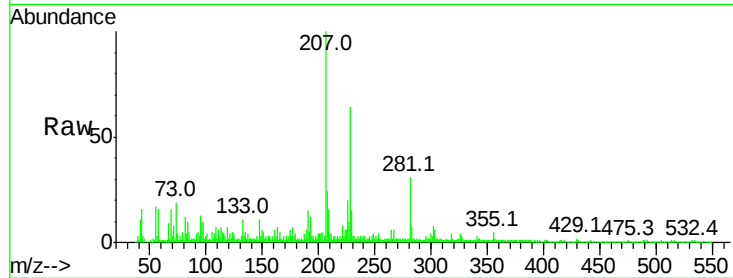
Tot Ion:228 Resp: 175163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.1  | 23.4  | 35.2  |
| 229 | 23.0  | 15.5  | 23.3  |

228 100

226 31.1 23.4 35.2

229 23.0 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 1.267 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.00 min

Lab File: BM012511.D

Acq: 28 Oct 2017 06:40

Tgt Ion:252 Resp: 232130

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 29.3  | 17.9  | 26.9# |
| 125 | 14.3  | 3.6   | 5.4#  |

252 100

253 29.3 17.9 26.9#

125 14.3 3.6 5.4#

