

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024965.D  
 Acq On : 20 Feb 2020 03:52  
 Operator : CG/JU  
 Sample : L1423-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5AZ2

Quant Time: Feb 20 05:43:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 19 03:36:08 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 314877   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.13 | 136  | 1131208  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.03 | 164  | 679626   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.79 | 188  | 1415261  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.00 | 240  | 1437772  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.09 | 264  | 1562506  | 20.00 | ng/ul | -0.02    |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.04  | 96  | 25000   | 3.82  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.59  | 99  | 415513  | 19.86 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.74  | 67  | 264730  | 22.41 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 354750  | 18.93 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 311165  | 17.63 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.52  | 128 | 163901  | 20.04 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.23  | 143 | 185001  | 19.14 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.77  | 165 | 341195  | 17.50 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.28 | 131 | 264050  | 14.48 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 1063013 | 20.72 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 1263829 | 21.09 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.26 | 143 | 116043  | 13.92 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.03 | 176 | 1020825 | 22.47 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 129051  | 13.99 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 16.89 | 188 | 1343852 | 20.80 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.19 | 212 | 1551572 | 21.57 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 22.96 | 264 | 1686547 | 21.49 | ng/ul | -0.02 |

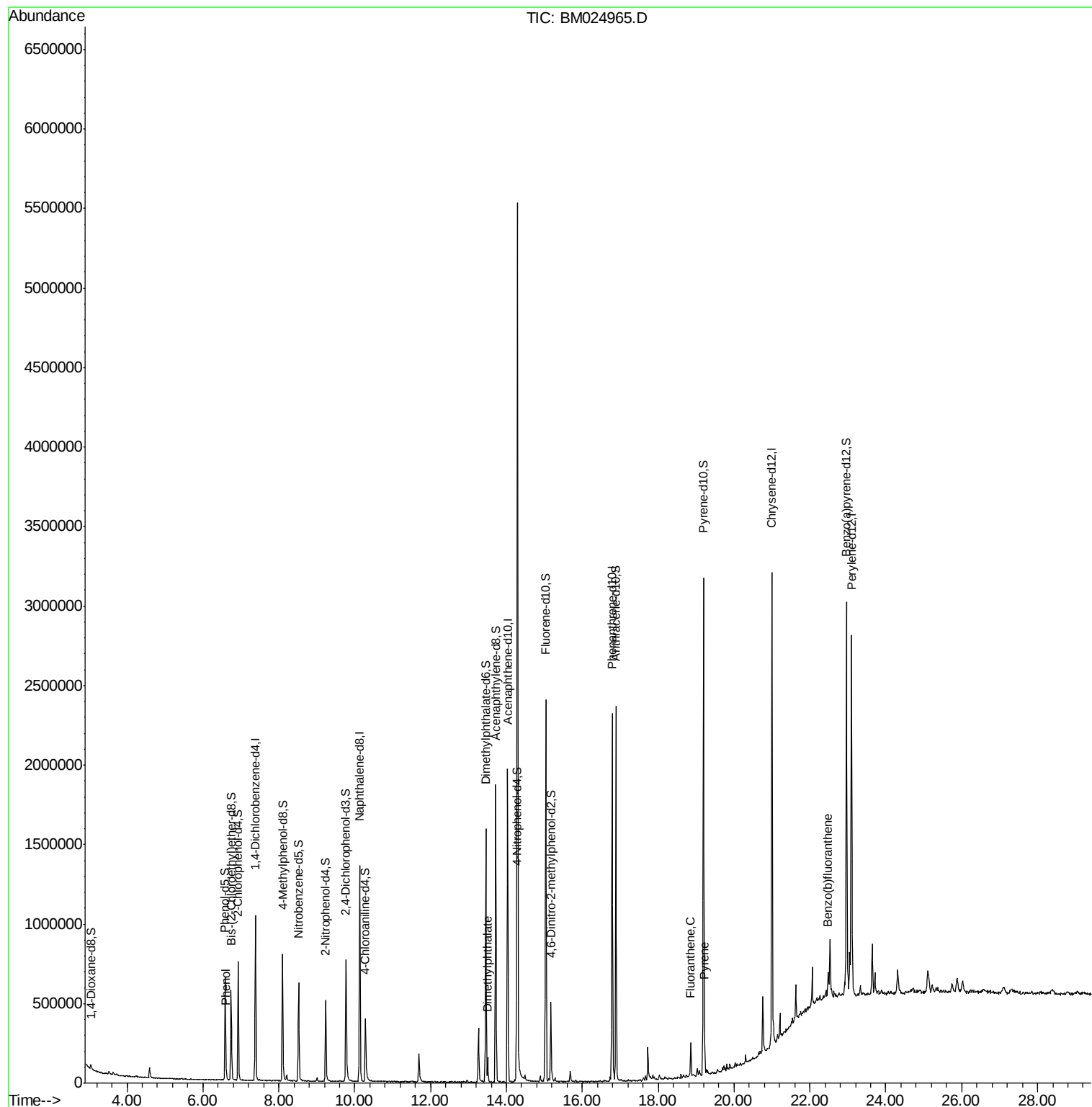
|                          |       |     |        |       |        |     |
|--------------------------|-------|-----|--------|-------|--------|-----|
| Target Compounds         |       |     |        |       | Ovalue |     |
| 6) Phenol                | 6.61  | 94  | 23973  | 1.089 | ng/ul  | 93  |
| 45) Dimethylphthalate    | 13.50 | 163 | 98895  | 1.848 | ng/ul  | 100 |
| 77) Fluoranthene         | 18.86 | 202 | 133645 | 1.411 | ng/ul# | 96  |
| 80) Pyrene               | 19.22 | 202 | 137551 | 1.445 | ng/ul# | 95  |
| 88) Benzo(b)fluoranthene | 22.48 | 252 | 125279 | 1.261 | ng/ul# | 97  |

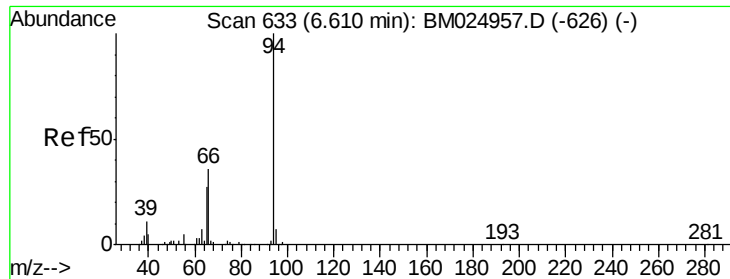
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.089 ng/ul

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM024965.D

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Instrument :

BNA\_M

ClientSampleId :

C5AZ2

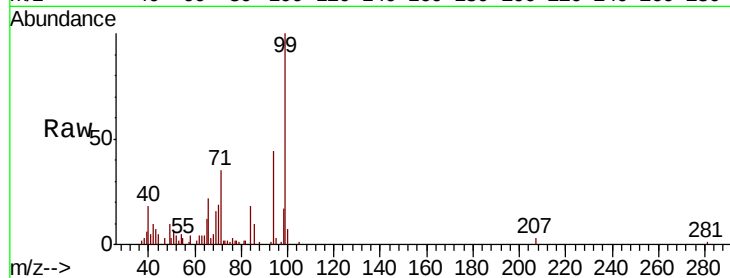
Tot Ion: 94 Resp: 23973

Ion Ratio Lower Upper

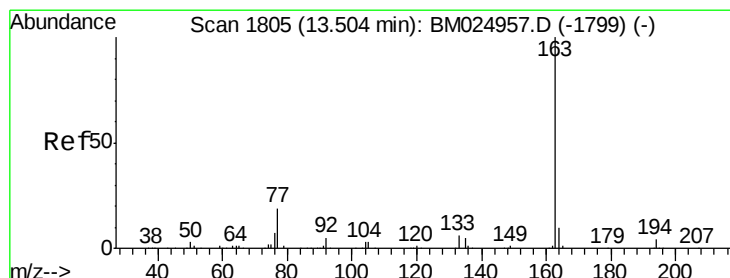
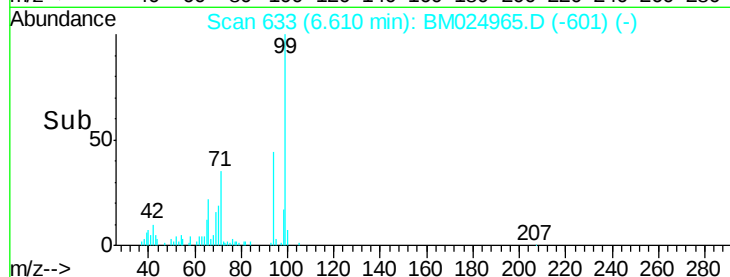
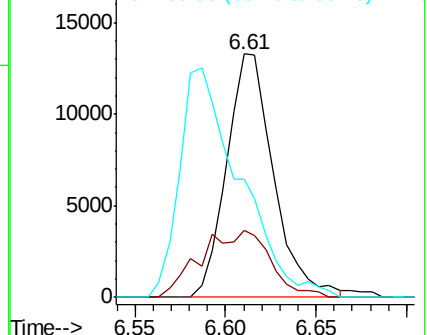
94 100

65 27.6 22.6 34.0

66 48.4 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM0  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 66.00 (65.70 to 66.70): BM0



#45

Dimethylphthalate

Concen: 1.848 ng/ul

RT: 13.50 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BM024965.D

Acq: 20 Feb 2020 03:52

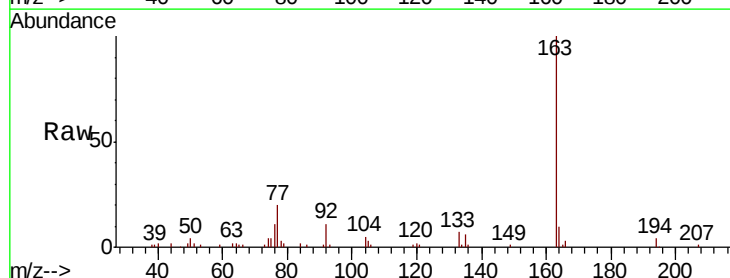
Tgt Ion: 163 Resp: 98895

Ion Ratio Lower Upper

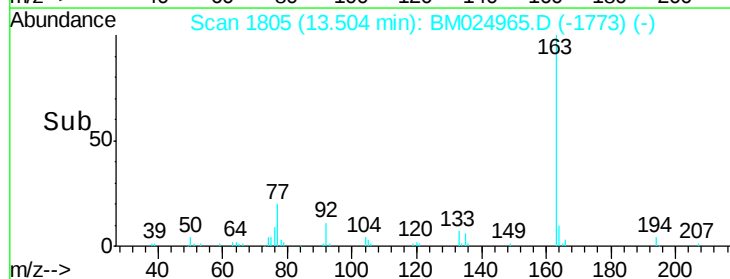
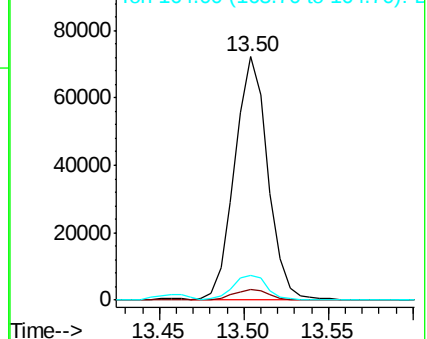
163 100

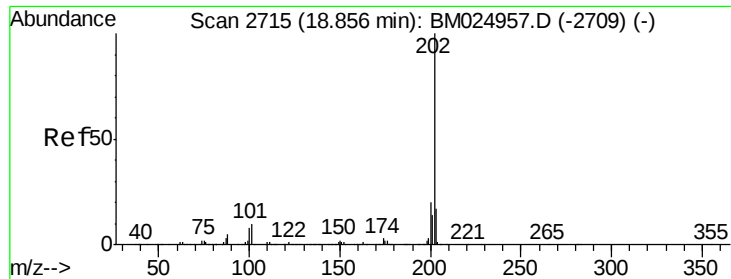
194 4.2 3.5 5.3

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

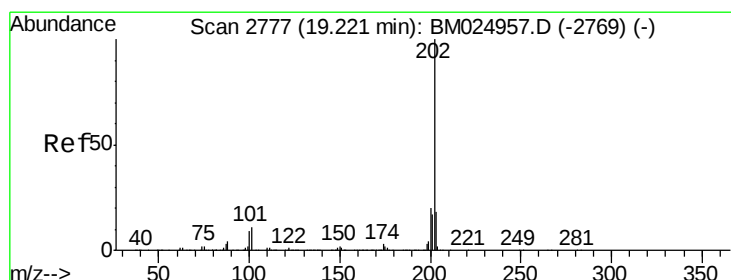
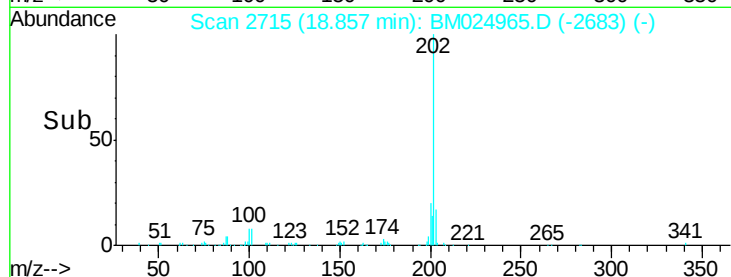
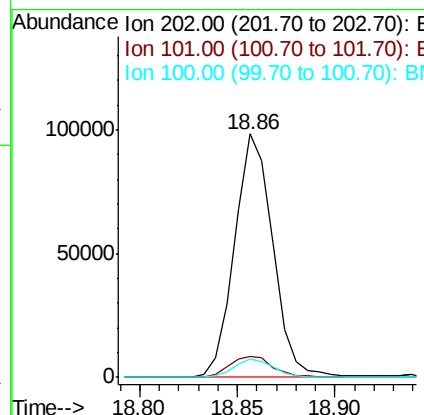
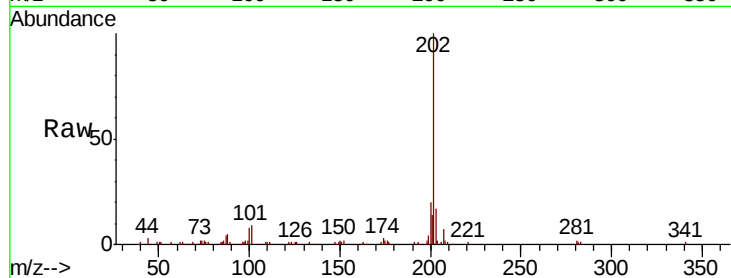




#77  
 Fluoranthene  
 Concen: 1.411 ng/ul  
 RT: 18.86 min Scan# 2715  
 Delta R.T. -0.01 min  
 Lab File: BM024965.D  
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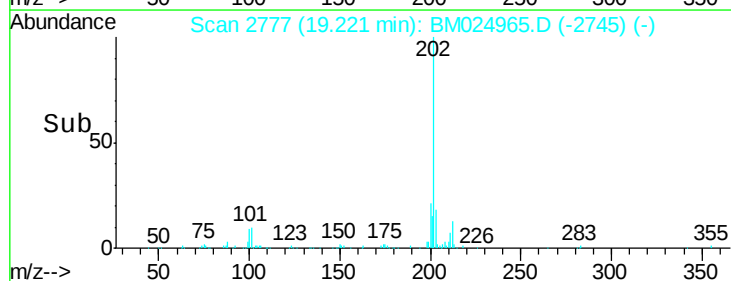
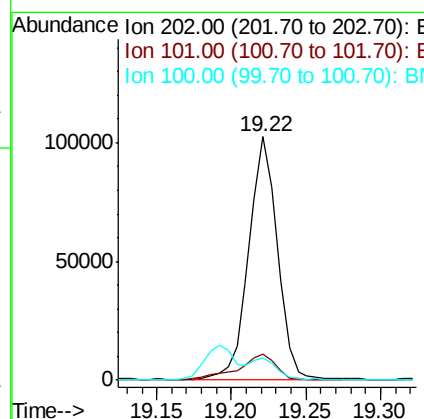
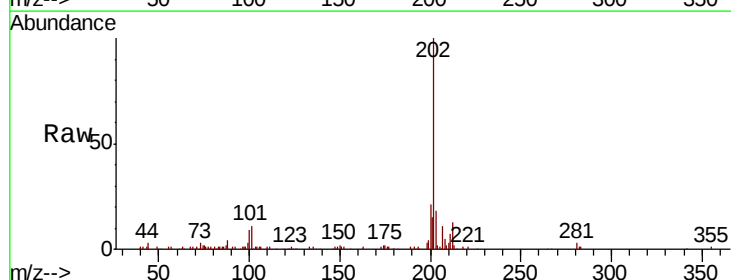
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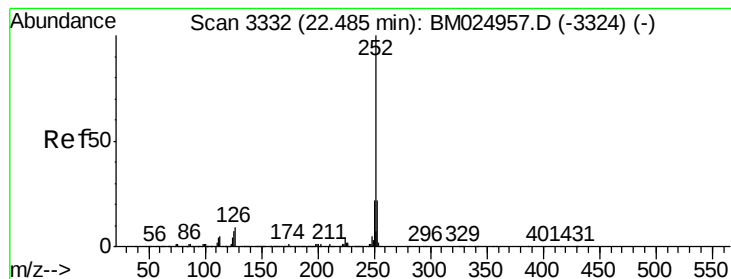
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.6   | 6.1   | 9.1   |
| 100     | 7.5   | 4.8   | 7.2#  |



#80  
 Pyrene  
 Concen: 1.445 ng/ul  
 RT: 19.22 min Scan# 2777  
 Delta R.T. -0.01 min  
 Lab File: BM024965.D  
 Acq: 20 Feb 2020 03:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.7  | 7.0   | 10.4# |
| 100     | 9.0   | 5.8   | 8.8#  |





#88

Benzo(b)fluoranthene

Concen: 1.261 ng/ul

RT: 22.48 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BM024965.D

Acq: 20 Feb 2020 03:52

Instrument :

BNA\_M

ClientSampleId :

C5AZ2

Tot Ion:252 Resp: 125279

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 8.0 5.1 7.7#

