

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102215\  
 Data File : BM002955.D  
 Acq On : 21 Oct 2015 19:48  
 Operator : UM/IZ  
 Sample : G4075-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JG9H8MS

Manual Integrations  
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Quant Time: Oct 22 12:43:34 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 16:23:48 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.66  | 152  | 3870     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 11.49 | 136  | 17882    | 0.40 | ng/ul  | -0.01    |
| 8) Acenaphthene-d10         | 15.23 | 164  | 10778    | 0.40 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.95 | 188  | 24512m   | 0.40 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 22.04 | 240  | 26913    | 0.40 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.61 | 264  | 28824    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 3.71  | 96   | 13884    | 3.36 | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 13.05 | 152  | 6296     | 0.21 | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.93 | 212  | 14523    | 0.22 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 13) Pentachlorophenol       | 17.64 | 266  | 240      | 0.16 | ng/ul# | 77       |
| 17) Fluoranthene            | 19.96 | 202  | 1904     | 0.02 | ng/ul  | 69       |
| 19) Pyrene                  | 20.30 | 202  | 1815m    | 0.02 | ng/ul  |          |
| 20) Benzo(a)anthracene      | 22.02 | 228  | 1091     | 0.01 | ng/ul# | 69       |
| 21) Chrysene                | 22.09 | 228  | 1453     | 0.02 | ng/ul# | 77       |

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

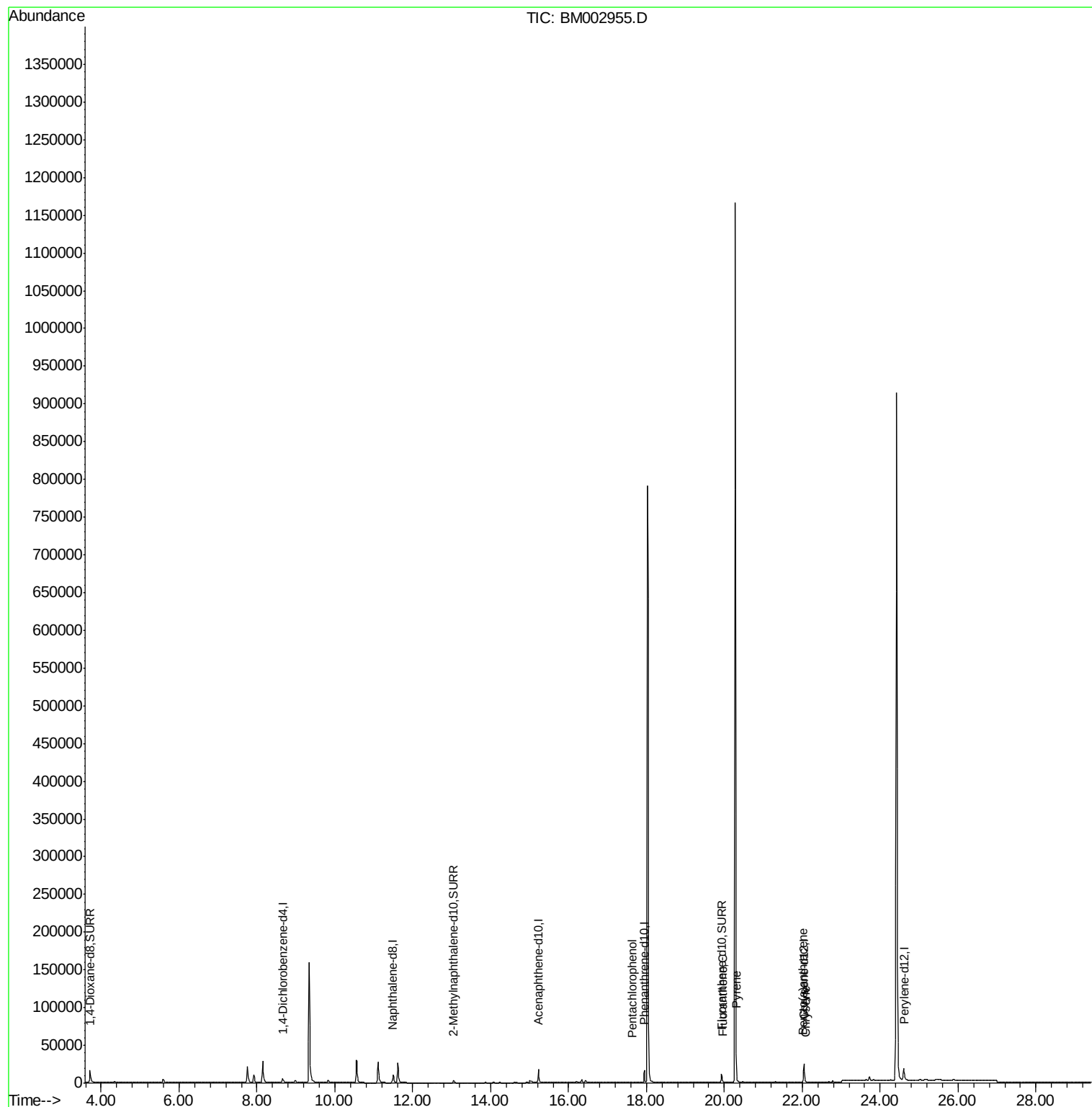
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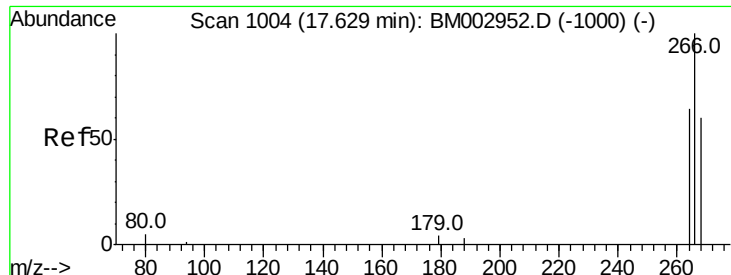
Instrument :  
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ClientSampleId :  
JG9H8MS

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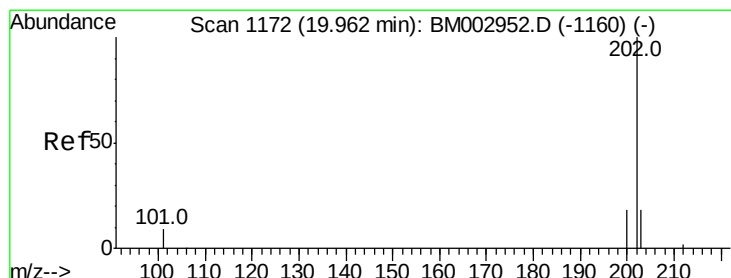
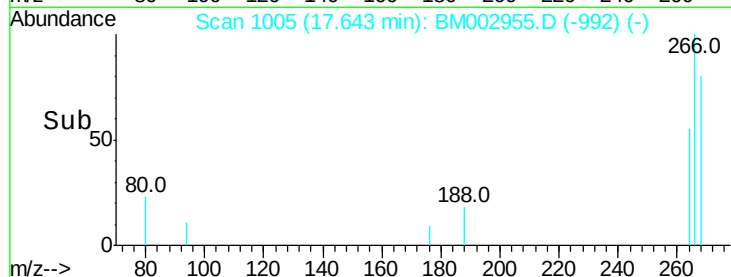
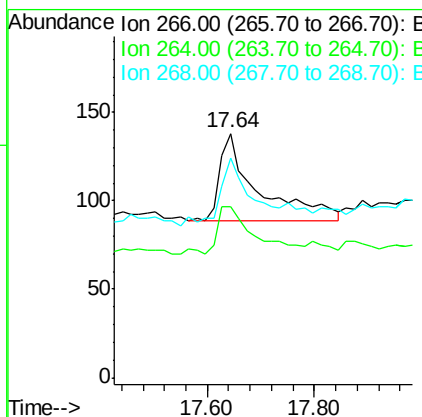
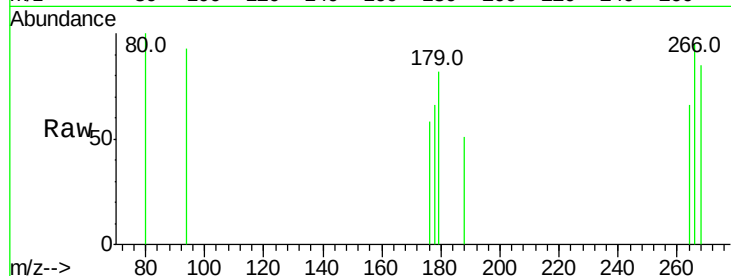
#13  
 Pentachlorophenol  
 Concen: 0.16 ng/ul  
 RT: 17.64 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: BM002955.D  
 Acq: 21 Oct 2015 19:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JG9H8MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 55.0  | 53.5  | 80.3  |
| 268     | 92.9  | 54.2  | 81.2  |

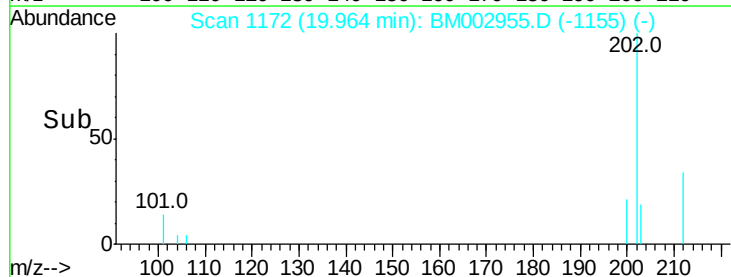
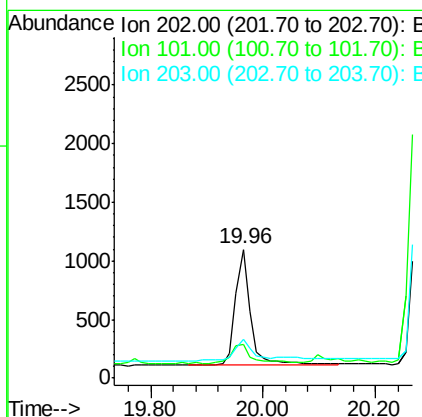
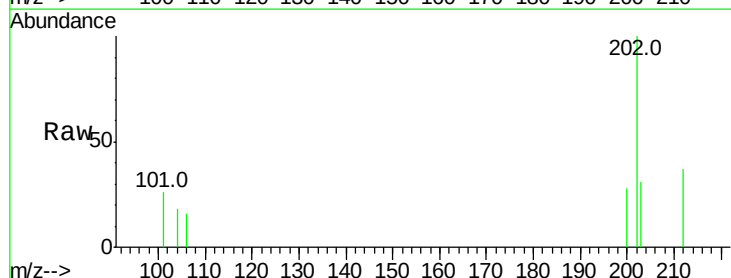
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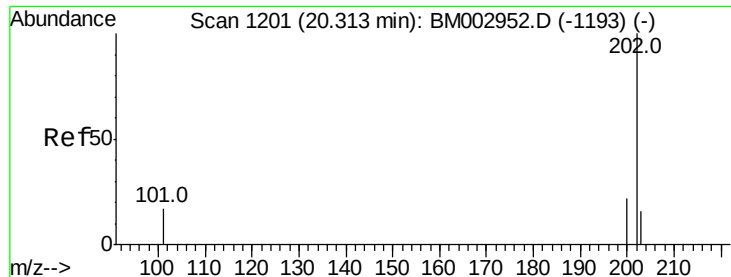
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#17  
 Fluoranthene  
 Concen: 0.02 ng/ul  
 RT: 19.96 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: BM002955.D  
 Acq: 21 Oct 2015 19:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 25.8  | 0.0   | 33.1  |
| 203     | 30.5  | 0.0   | 37.2  |





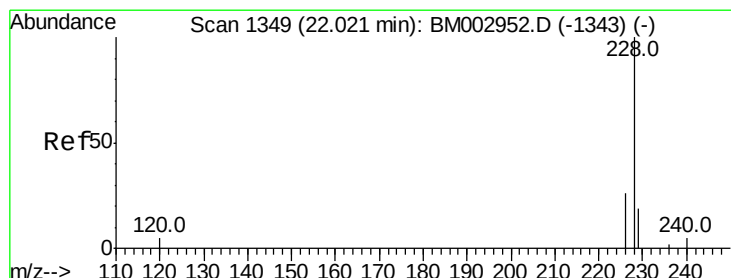
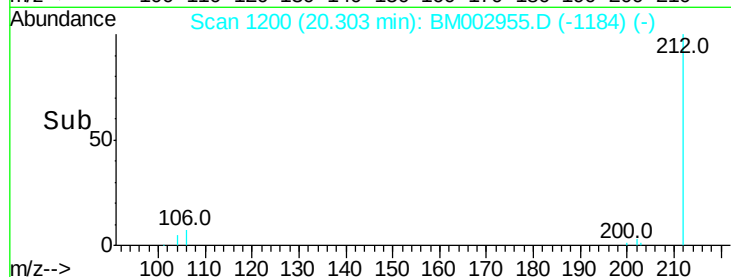
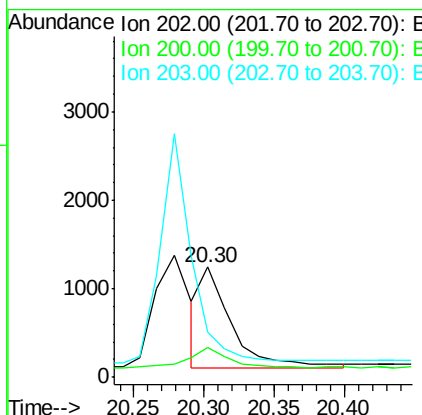
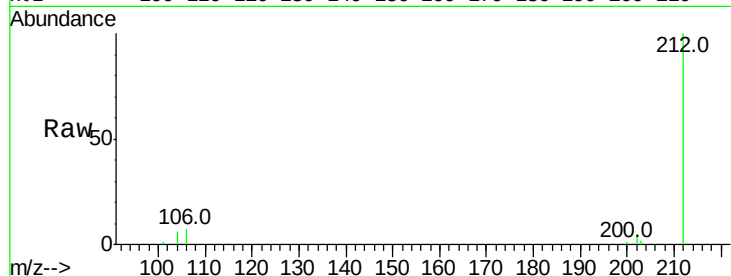
#19  
Pvrene  
Concen: 0.02 ng/ul m  
RT: 20.30 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BM002955.D  
Acq: 21 Oct 2015 19:48

Instrument :  
BNA\_M  
ClientSampleId :  
JG9H8MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 26.6  | 18.0  | 27.0  |
| 203     | 40.7  | 13.8  | 20.6# |

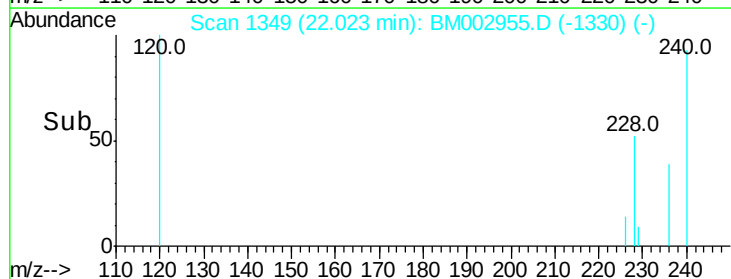
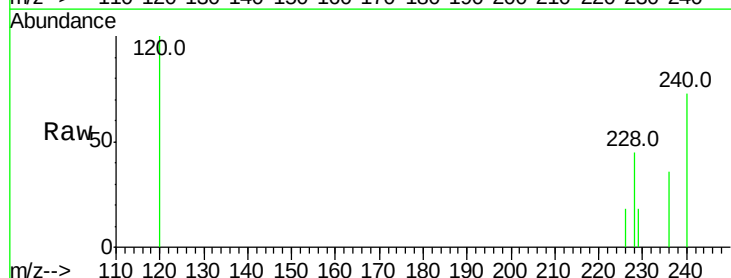
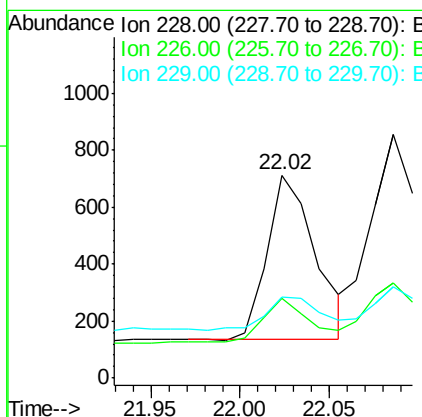
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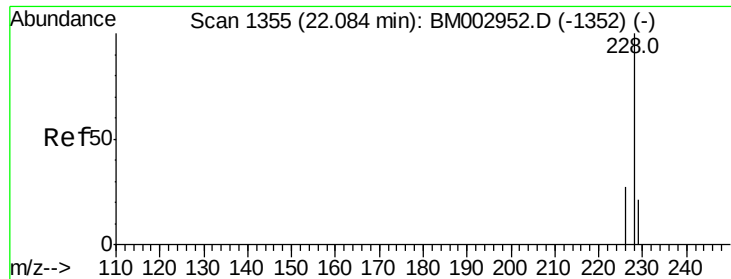
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#20  
Benzo(a)anthracene  
Concen: 0.01 ng/ul  
RT: 22.02 min Scan# 1349  
Delta R.T. 0.00 min  
Lab File: BM002955.D  
Acq: 21 Oct 2015 19:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 39.6  | 23.0  | 34.4# |
| 229     | 40.1  | 15.2  | 22.8# |





#21  
 Chrysene  
 Concen: 0.02 ng/ul  
 RT: 22.09 min Scan# 1355  
 Delta R.T. 0.00 min  
 Lab File: BM002955.D  
 Acq: 21 Oct 2015 19:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JG9H8MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 38.9  | 25.7  | 38.5# |
| 229     | 37.3  | 15.2  | 22.8# |

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