

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\  
 Data File : BM026086.D  
 Acq On : 22 May 2020 19:08  
 Operator : MA/SJ  
 Sample : L2737-18  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 23 01:42:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 22 13:18:41 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 161803   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 648268   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.13 | 164  | 373755   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 793672   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.08 | 240  | 822811   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.20 | 264  | 871817   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 24283   | 4.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 85803   | 5.85  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.84  | 67  | 291942  | 28.75 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.03  | 132 | 256215  | 22.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.20  | 113 | 162022  | 14.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 160550  | 30.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 162096  | 31.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 282709  | 26.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.40 | 131 | 21989   | 2.07  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.56 | 166 | 986541  | 32.92 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.82 | 160 | 1128748 | 31.79 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 25914   | 4.88  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.13 | 176 | 874531  | 33.55 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 132501  | 28.63 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.98 | 188 | 1441603 | 36.86 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 1627147 | 38.50 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.07 | 264 | 1648494 | 35.52 | ng/ul | 0.00 |

## Target Compounds

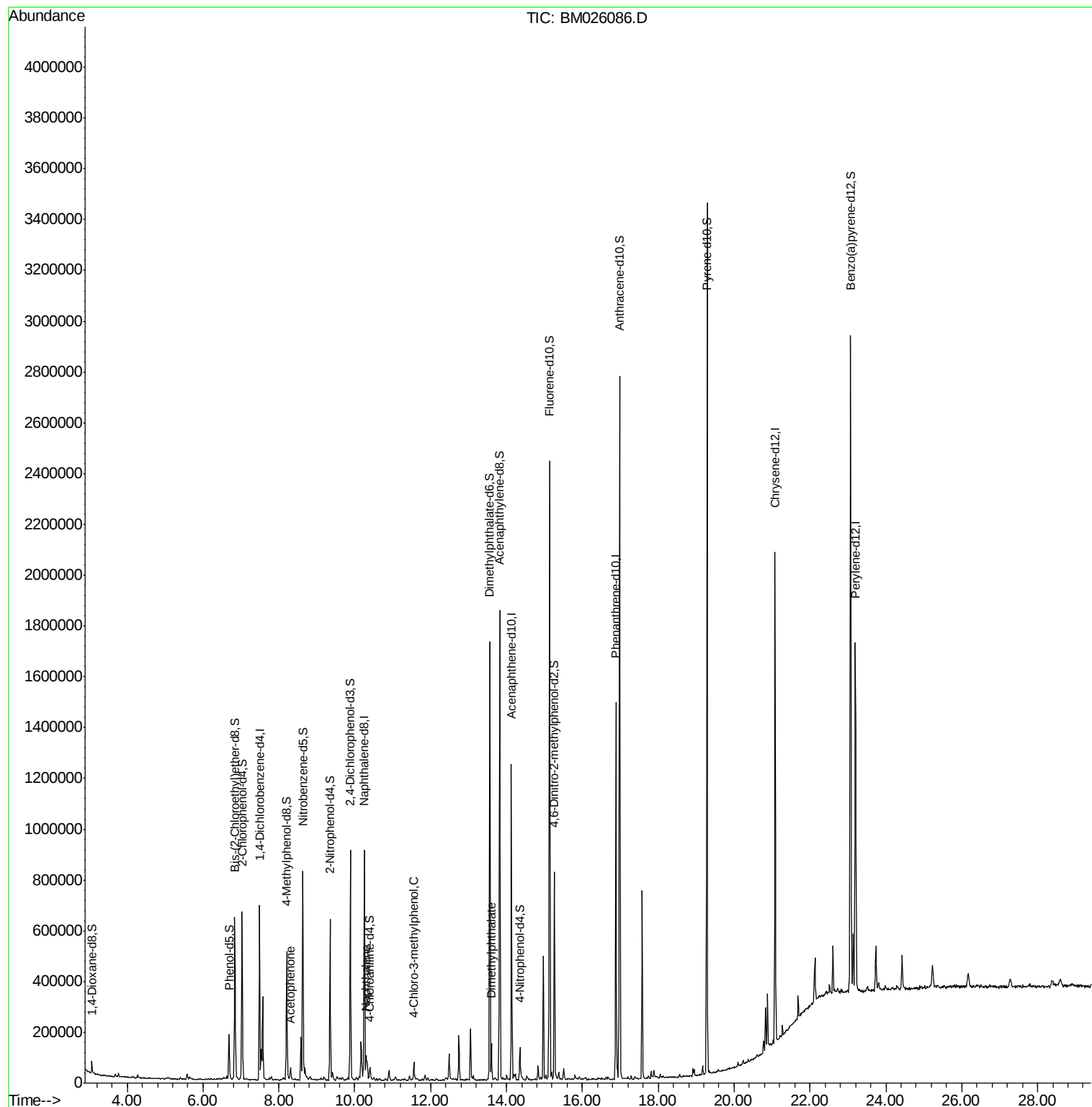
|                             |       |     |       |             | Ovalue |
|-----------------------------|-------|-----|-------|-------------|--------|
| 14) Acetophenone            | 8.31  | 105 | 21616 | 1.165 ng/ul | 98     |
| 28) Naphthalene             | 10.30 | 128 | 62559 | 1.578 ng/ul | 97     |
| 33) 4-Chloro-3-methylphenol | 11.56 | 107 | 23335 | 1.851 ng/ul | 97     |
| 45) Dimethylphthalate       | 13.60 | 163 | 77629 | 2.467 ng/ul | 99     |

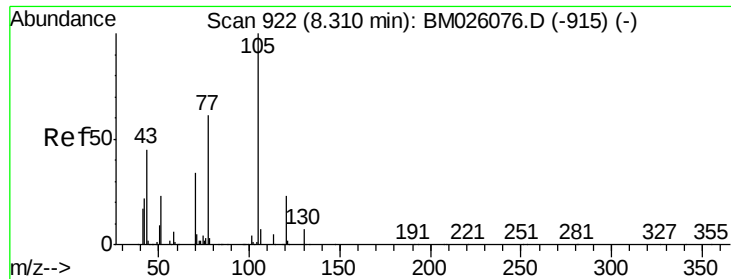
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\  
Data File : BM026086.D  
Acq On : 22 May 2020 19:08  
Operator : MA/SJ  
Sample : L2737-18  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: May 23 01:42:51 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 22 13:18:41 2020  
Response via : Initial Calibration

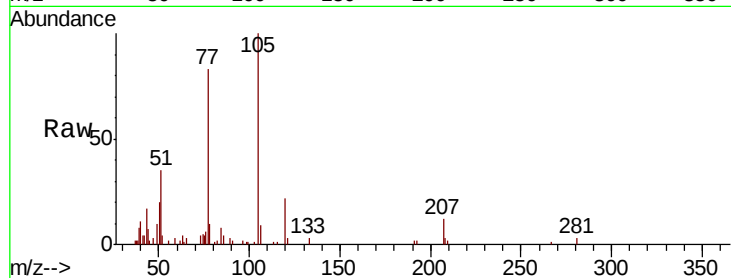




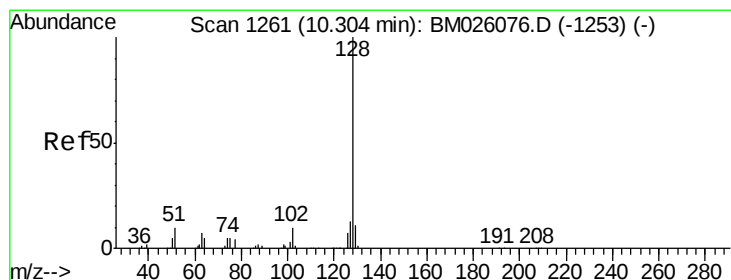
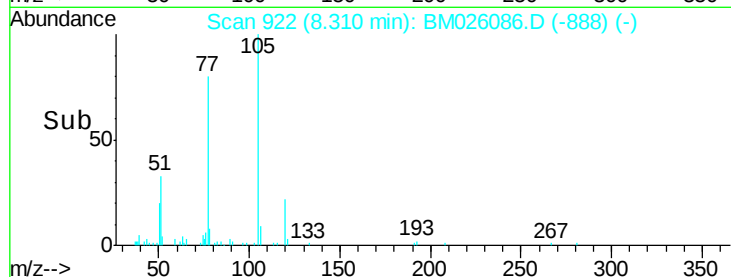
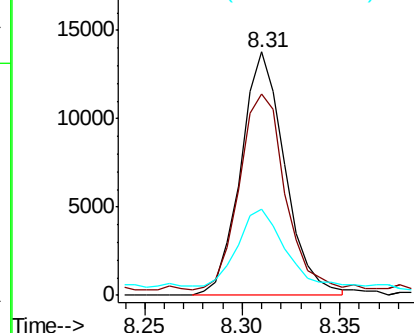
#14  
Acetophenone  
Concen: 1.165 ng/ul  
RT: 8.31 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BM026086.D  
Acq: 22 May 2020 19:08

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 82.7  | 67.2  | 100.8 |
| 51      | 35.2  | 27.4  | 41.0  |

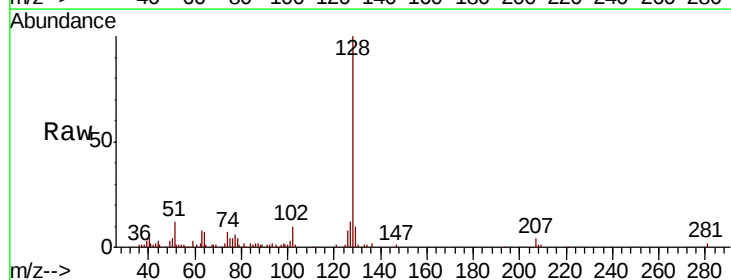


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0

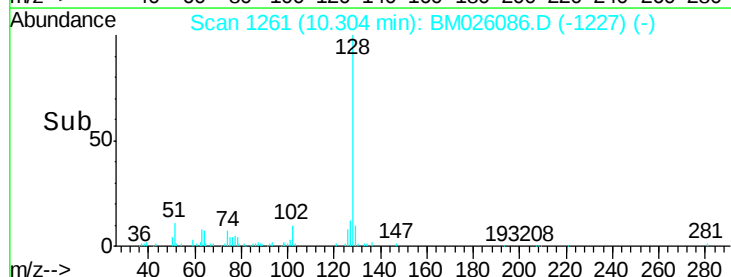
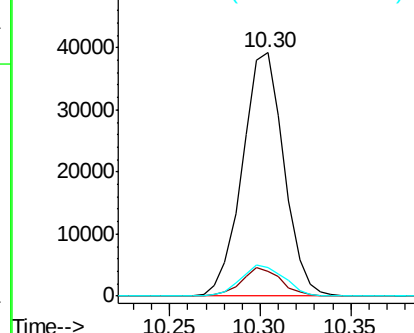


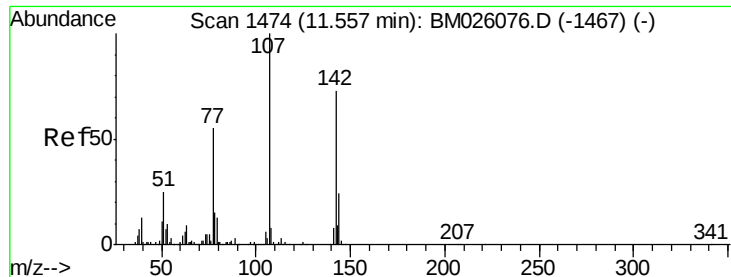
#28  
Naphthalene  
Concen: 1.578 ng/ul  
RT: 10.30 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BM026086.D  
Acq: 22 May 2020 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.0   | 13.4  |
| 127     | 11.7  | 10.6  | 15.8  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

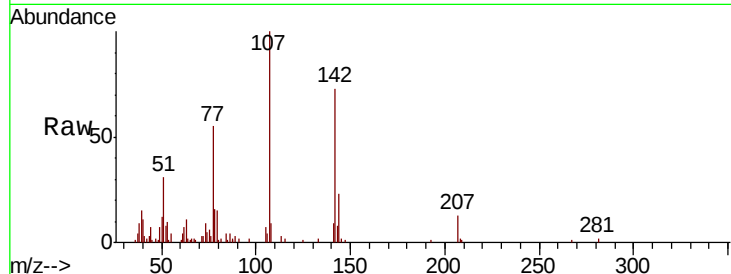




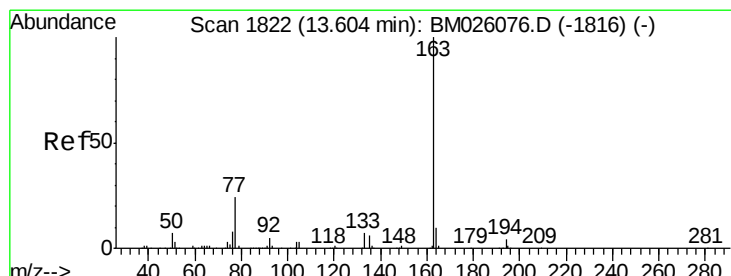
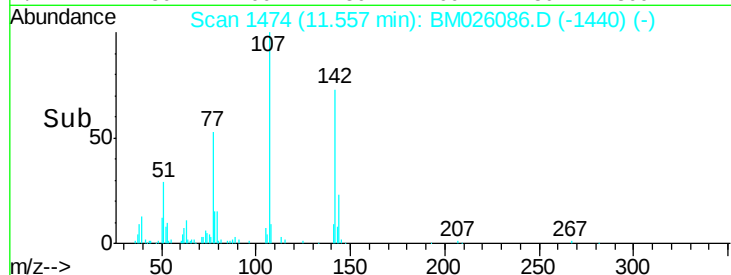
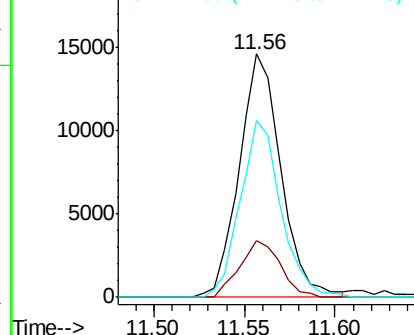
#33  
 4-Chloro-3-methylphenol  
 Concen: 1.851 ng/ul  
 RT: 11.56 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: BM026086.D  
 Acq: 22 May 2020 19:08

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.3  | 18.1  | 27.1  |
| 142     | 72.6  | 56.0  | 84.0  |

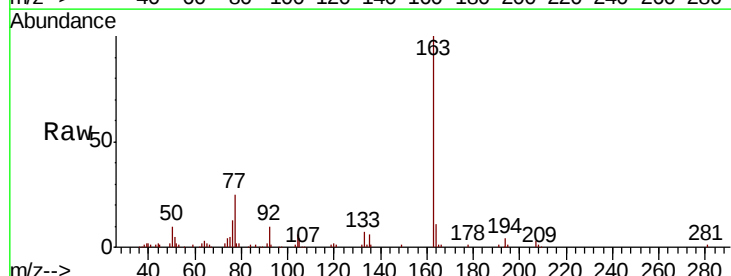


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



#45  
 Dimethylphthalate  
 Concen: 2.467 ng/ul  
 RT: 13.60 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: BM026086.D  
 Acq: 22 May 2020 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.2   | 4.8   |
| 164     | 10.6  | 8.0   | 12.0  |



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

