

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\  
 Data File : BM023533.D  
 Acq On : 31 Oct 2019 23:16  
 Operator : JU  
 Sample : K5487-02RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE4J0RE

Quant Time: Nov 01 07:16:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 01 07:12:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 371950   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 1546105  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 940794   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.01 | 188  | 2007861  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 1946625  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 2330917  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 45754   | 5.84  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 258775  | 8.28  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 619741  | 33.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 691335  | 28.31 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 455739  | 17.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 413398  | 35.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 439361  | 34.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 764188  | 30.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 56954   | 1.95  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.68 | 166 | 2690081 | 37.65 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.95 | 160 | 3020836 | 36.91 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 81748   | 6.61  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.26 | 176 | 2279486 | 37.68 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 321574  | 25.72 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.10 | 188 | 3692324 | 38.91 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.41 | 212 | 4110401 | 38.40 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 4840241 | 40.76 | ng/ul | 0.00 |

## Target Compounds

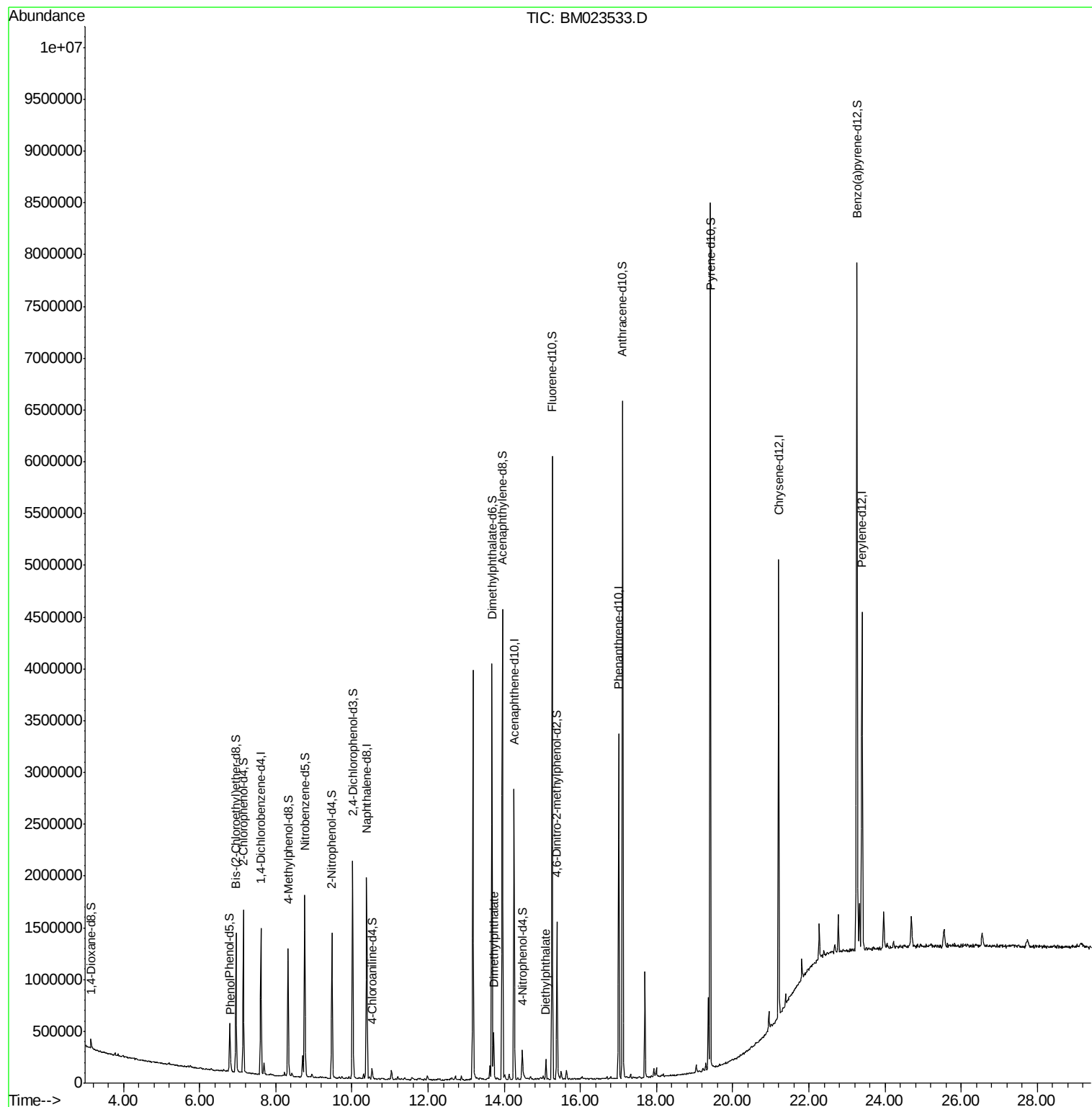
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 6.82  | 94  | 38965  | 1.211 ng/ul | 96     |
| 45) Dimethylphthalate | 13.72 | 163 | 287597 | 4.009 ng/ul | 99     |
| 57) Diethylphthalate  | 15.10 | 149 | 97905  | 1.353 ng/ul | 99     |

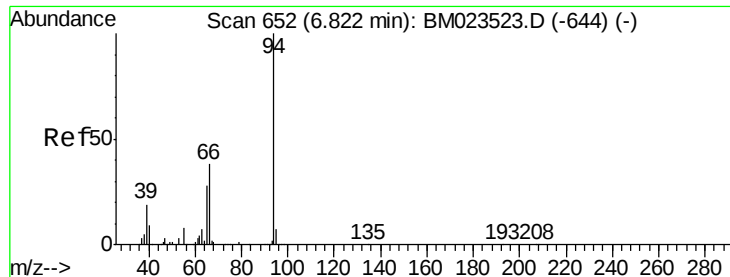
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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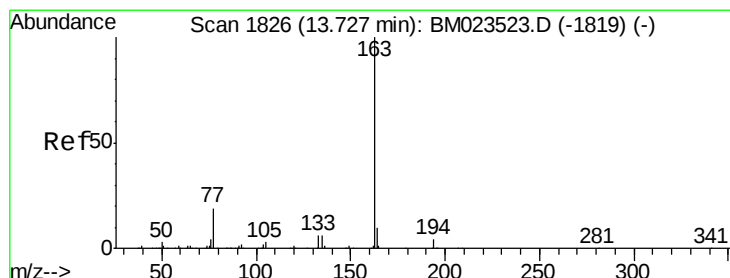
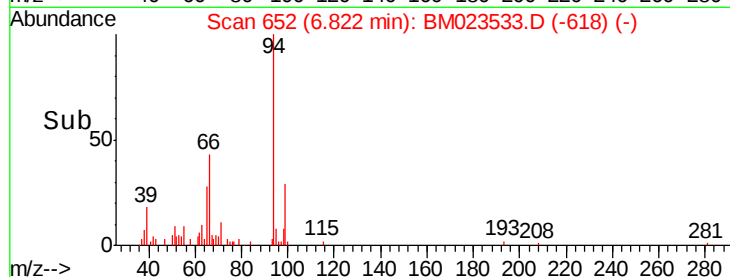
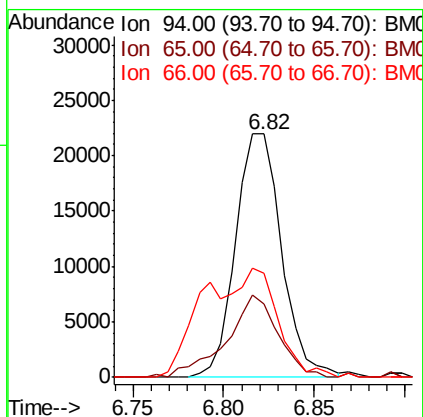
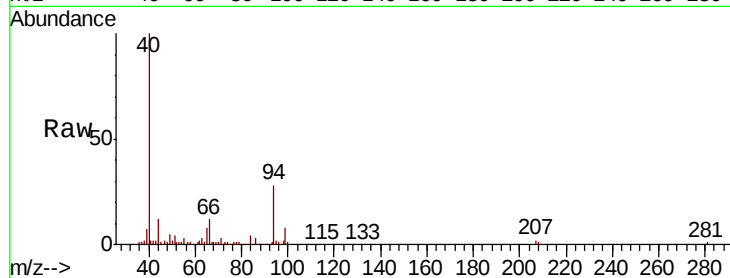
#6

Phenol

Concen: 1.211 ng/ul  
 RT: 6.82 min Scan# 652  
 Delta R.T. 0.00 min  
 Lab File: BM023533.D  
 Acq: 31 Oct 2019 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE4J0RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.9  | 22.9  | 34.3  |
| 66      | 42.8  | 31.4  | 47.2  |

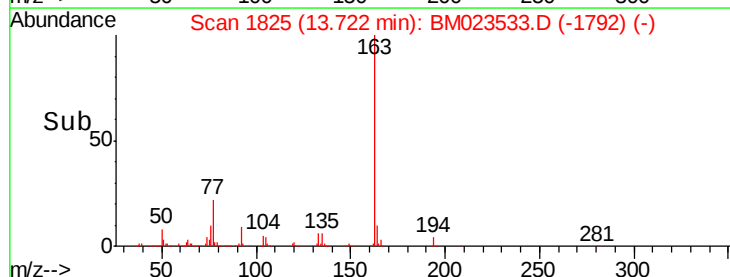
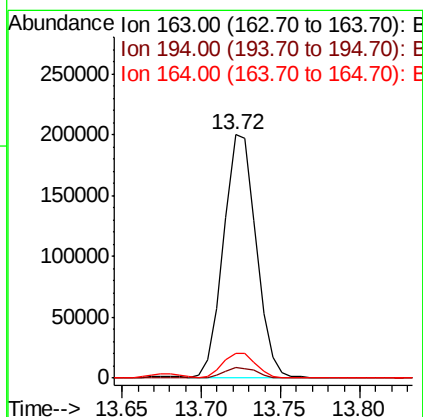
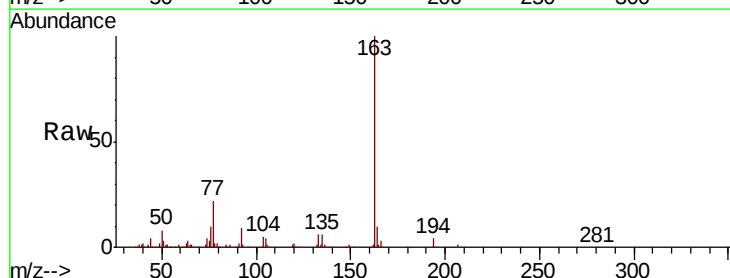


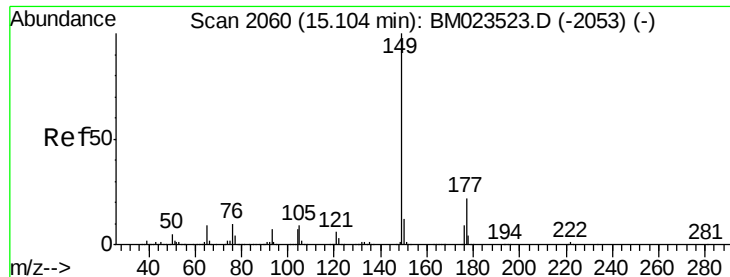
#45

Dimethylphthalate

Concen: 4.009 ng/ul  
 RT: 13.72 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BM023533.D  
 Acq: 31 Oct 2019 23:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.3   | 4.9   |
| 164     | 10.3  | 7.9   | 11.9  |

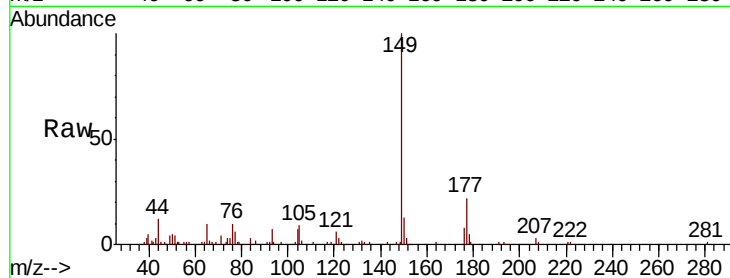




#57  
 Diethylphthalate  
 Concen: 1.353 ng/ul  
 RT: 15.10 min Scan# 2059  
 Delta R.T. -0.01 min  
 Lab File: BM023533.D  
 Acq: 31 Oct 2019 23:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE4J0RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 18.1  | 27.1  |
| 150     | 13.4  | 10.3  | 15.5  |



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

