

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\  
 Data File : BM013387.D  
 Acq On : 13 Dec 2017 23:09  
 Operator : SJ/JU  
 Sample : I6801-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9A31

Manual Integrations  
 APPROVED

Sohil  
 12/15/2017 7:34:25 PM

Quant Time: Dec 14 04:16:29 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 14 01:15:39 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 191715   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 826834   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 498020   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1152773  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1089695  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 958714   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 18872m  | 4.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 391771  | 23.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 232764  | 24.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 318526  | 24.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 338930  | 23.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 170935  | 26.07 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 181985  | 25.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 354119  | 24.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 368139  | 27.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.74 | 166 | 1118418 | 25.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 1394972 | 25.51 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 139488  | 18.12 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 955277  | 25.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 136098  | 18.77 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.17 | 188 | 1478108 | 25.60 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.47 | 212 | 1512454 | 27.86 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 1189914 | 24.37 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.89  | 94  | 29514  | 1.800  | ng/ul# 85 |
| 44) Dimethylphthalate | 13.79 | 163 | 179382 | 4.232  | ng/ul 97  |
| 68) Pentachlorophenol | 16.73 | 266 | 52430  | 6.066  | ng/ul 94  |

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

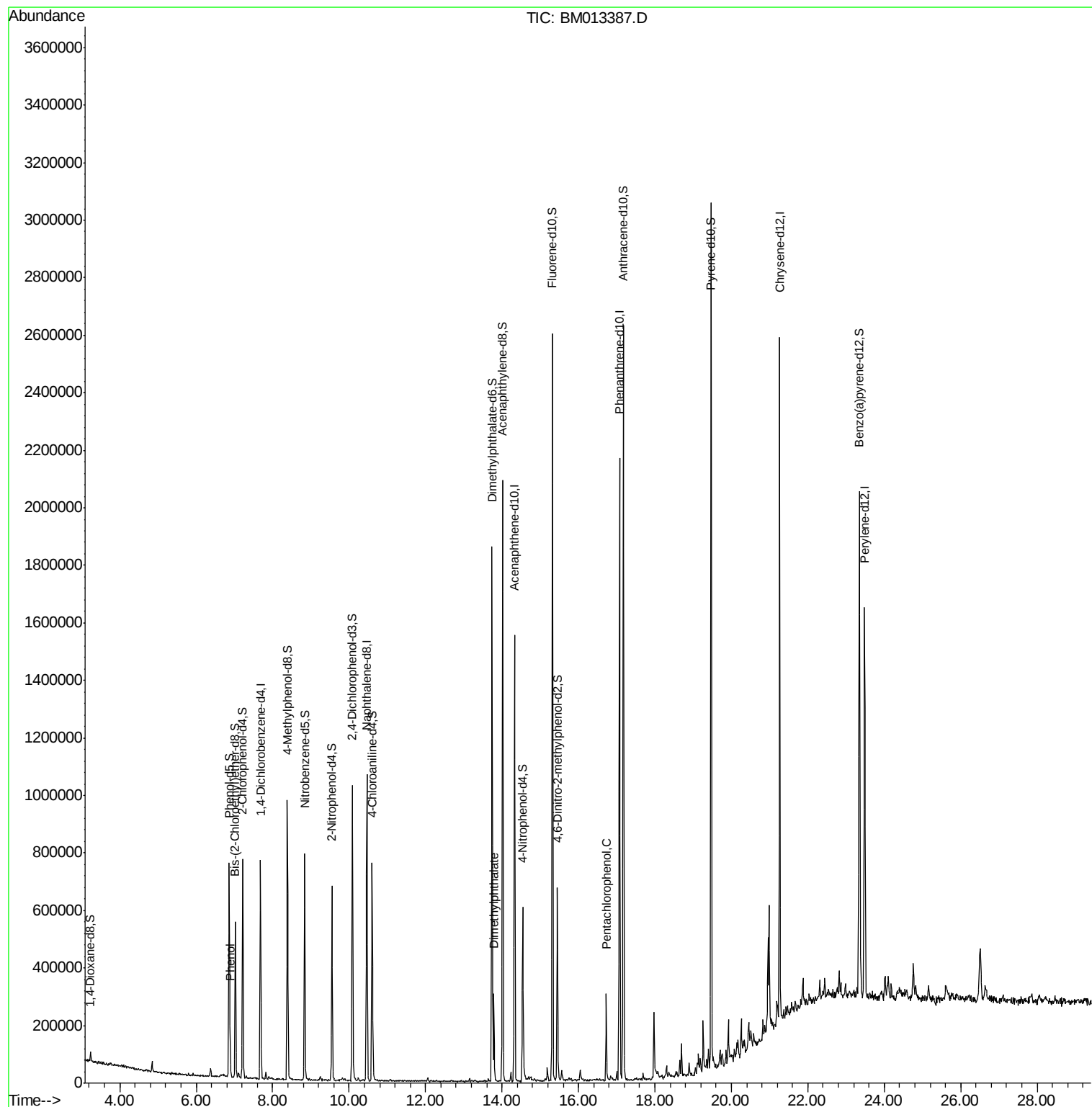
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\  
Data File : BM013387.D  
Acq On : 13 Dec 2017 23:09  
Operator : SJ/JU  
Sample : I6801-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

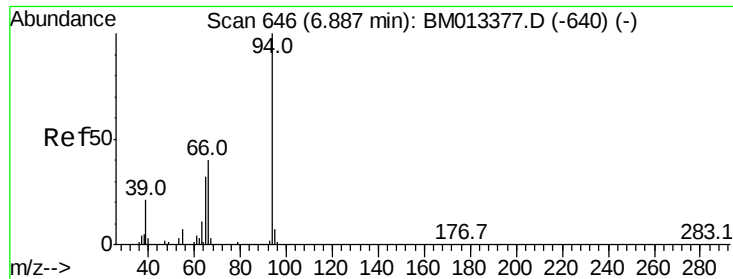
Instrument :  
BNA\_M  
ClientSampleId :  
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QLast Update : Thu Dec 14 01:15:39 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 1.800 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM013387.D

Acq: 13 Dec 2017 23:09

Instrument :

BNA\_M

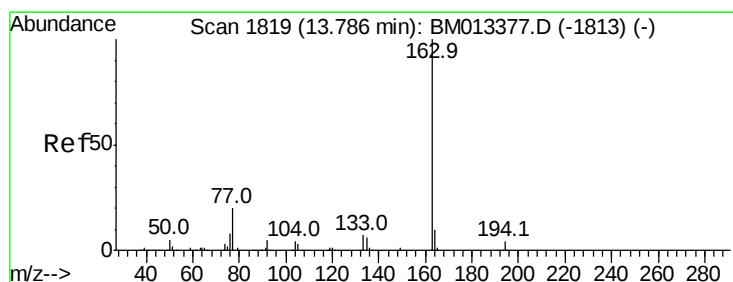
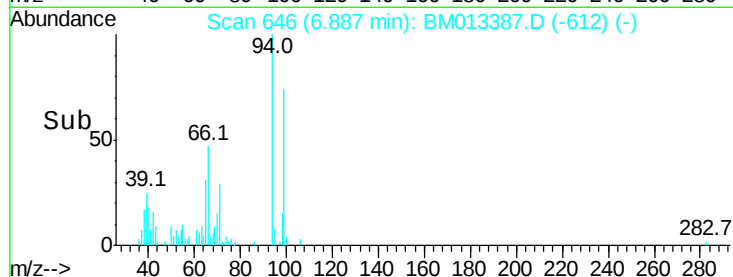
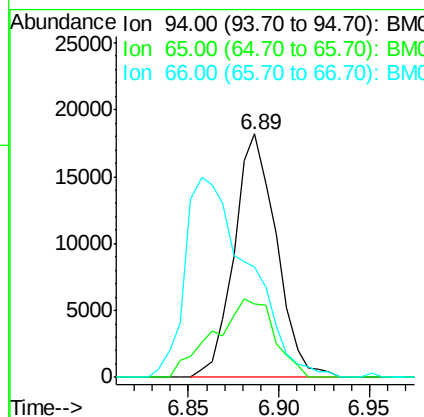
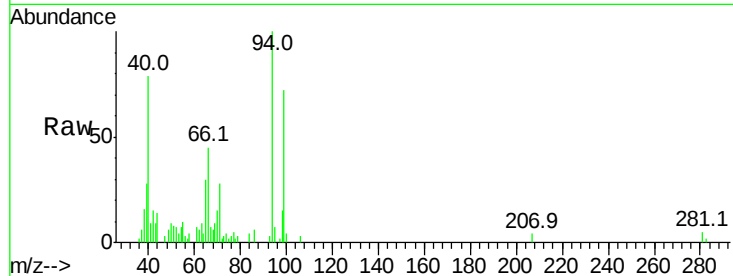
ClientSampled :

F9A31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 29514 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 30.0  | 28.2  | 42.4  |
| 66        | 45.3  | 47.2  | 70.8# |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 4.232 ng/ul

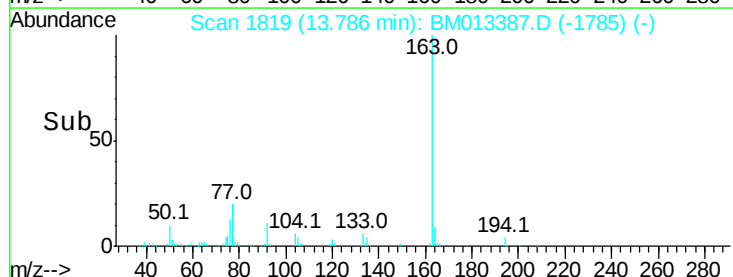
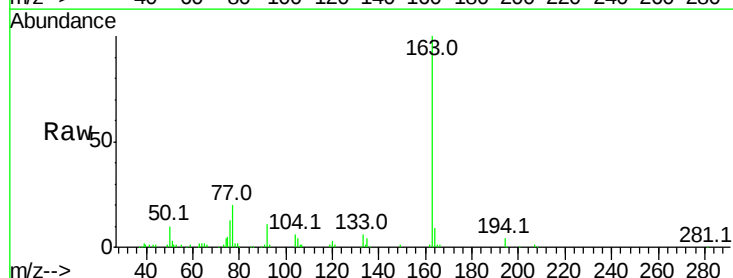
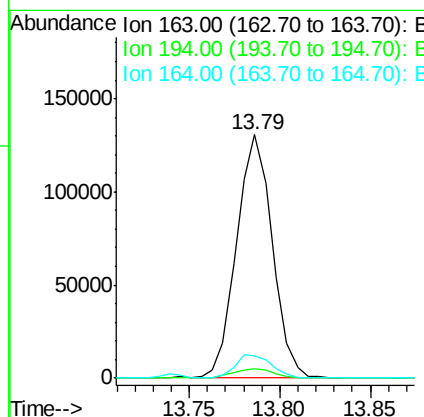
RT: 13.79 min Scan# 1819

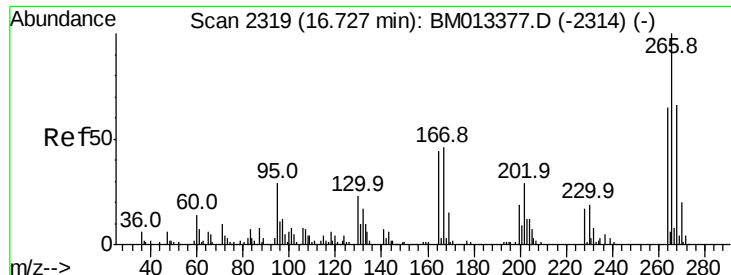
Delta R.T. -0.00 min

Lab File: BM013387.D

Acq: 13 Dec 2017 23:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 179382 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 3.5   | 5.3    |
| 164       | 9.2   | 8.2   | 12.4   |





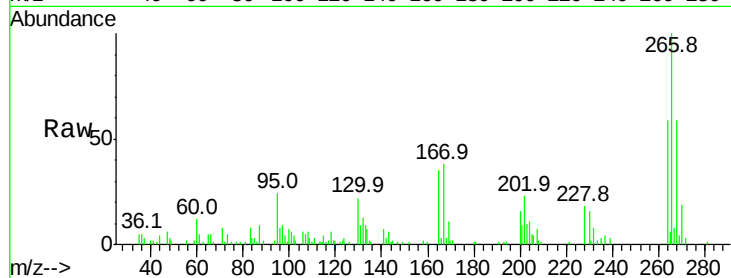
#68  
Pentachlorophenol  
Concen: 6.066 ng/ul  
RT: 16.73 min Scan# 2319  
Delta R.T. -0.00 min  
Lab File: BM013387.D  
Acq: 13 Dec 2017 23:09

Instrument :  
BNA\_M  
ClientSampleId :  
F9A31

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 266  | Resp: | 52430 |
| Ion Ratio |      | Lower | Upper |
| 266       | 100  |       |       |
| 264       | 59.5 | 49.3  | 73.9  |
| 268       | 59.1 | 52.6  | 78.8  |

Manual Integrations  
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Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

