

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\  
 Data File : BM027345.D  
 Acq On : 05 Sep 2020 00:12  
 Operator : JU/CG  
 Sample : L3843-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AD0

Quant Time: Sep 05 01:00:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 05 00:52:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 126970   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.34 | 136  | 516442   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.21 | 164  | 393697   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.96 | 188  | 958490   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 1194504  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1295016  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 15525   | 5.44  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 230385  | 22.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 182494  | 26.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 187832  | 24.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 195607  | 22.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 102518  | 26.37 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 112878  | 26.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 211398  | 23.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.47 | 131 | 258904  | 23.87 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.63 | 166 | 892893  | 28.50 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.90 | 160 | 912602  | 25.79 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 89500   | 16.22 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.21 | 176 | 716297  | 25.53 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 103606  | 16.89 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.06 | 188 | 1159277 | 25.58 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 1425011 | 26.78 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 1680407 | 24.19 | ng/ul | 0.00 |

## Target Compounds

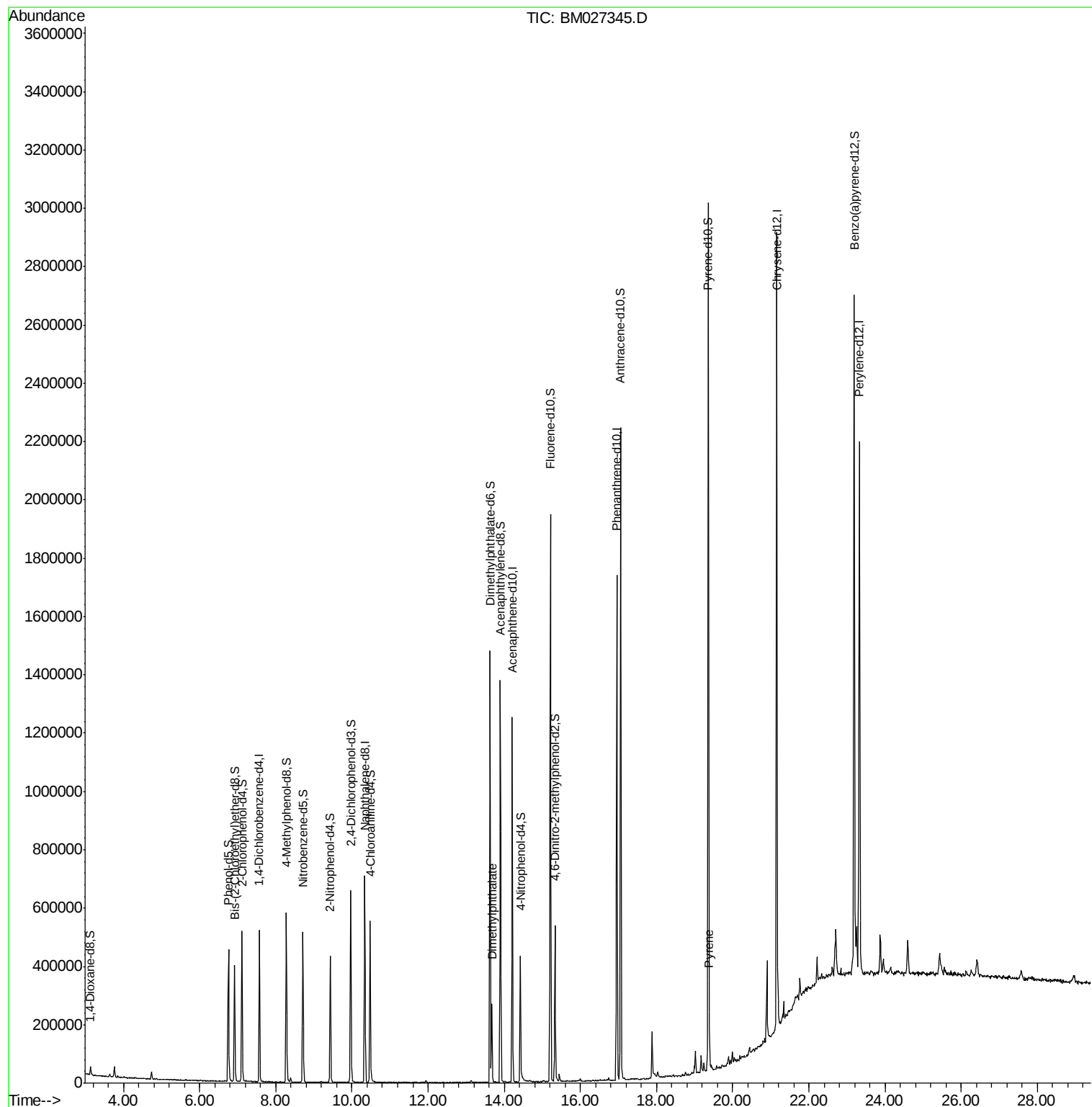
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 45) Dimethylphthalate | 13.67 | 163 | 149560 | 4.530 ng/ul | 97     |
| 80) Pyrene            | 19.39 | 202 | 72890  | 1.009 ng/ul | 97     |

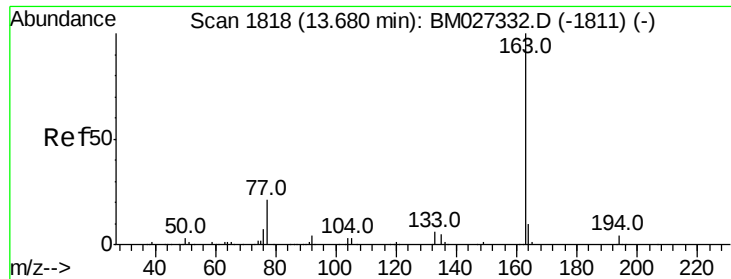
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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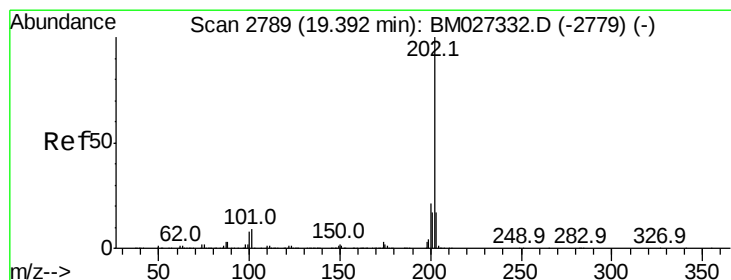
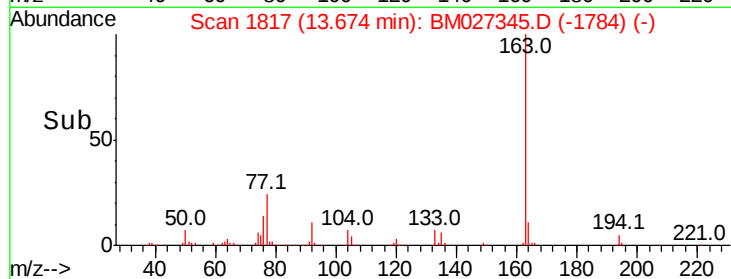
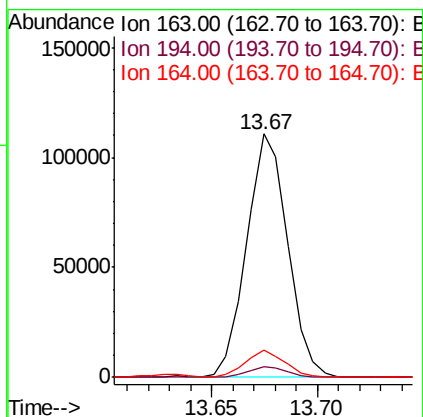
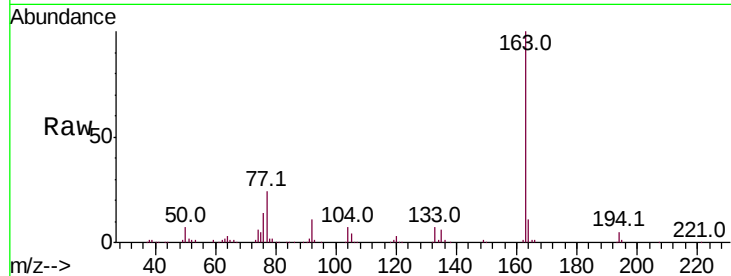




#45  
Dimethylphthalate  
Concen: 4.530 ng/ul  
RT: 13.67 min Scan# 1817  
Delta R.T. -0.01 min  
Lab File: BM027345.D  
Acq: 05 Sep 2020 00:12

Instrument :  
BNA\_M  
ClientSampleID :  
C0AD0

Tot Ion:163 Resp: 149560  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.3 4.9  
164 11.3 8.1 12.1



#80  
Pyrene  
Concen: 1.009 ng/ul  
RT: 19.39 min Scan# 2788  
Delta R.T. -0.01 min  
Lab File: BM027345.D  
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Tgt Ion:202 Resp: 72890  
Ion Ratio Lower Upper  
202 100  
101 7.7 7.1 10.7  
100 8.9 6.1 9.1

