

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\  
 Data File : BM027336.D  
 Acq On : 04 Sep 2020 18:43  
 Operator : JU/CG  
 Sample : L3840-19  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB7

Quant Time: Sep 05 00:59:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 04 14:46:56 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 123789   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.34 | 136  | 483892   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.22 | 164  | 353002   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.96 | 188  | 854019   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 1092300  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1319248  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 10135   | 3.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 173483  | 17.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 129686  | 19.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 139354  | 18.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 141645  | 17.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 71789   | 19.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 78220   | 19.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 151087  | 17.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 186561  | 18.36 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.63 | 166 | 581922  | 20.72 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.90 | 160 | 644368  | 20.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 61739   | 12.48 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.21 | 176 | 485959  | 19.32 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 74261   | 13.59 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.06 | 188 | 809567  | 20.05 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 1078634 | 22.17 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.20 | 264 | 1483390 | 20.96 | ng/ul | 0.00 |

## Target Compounds

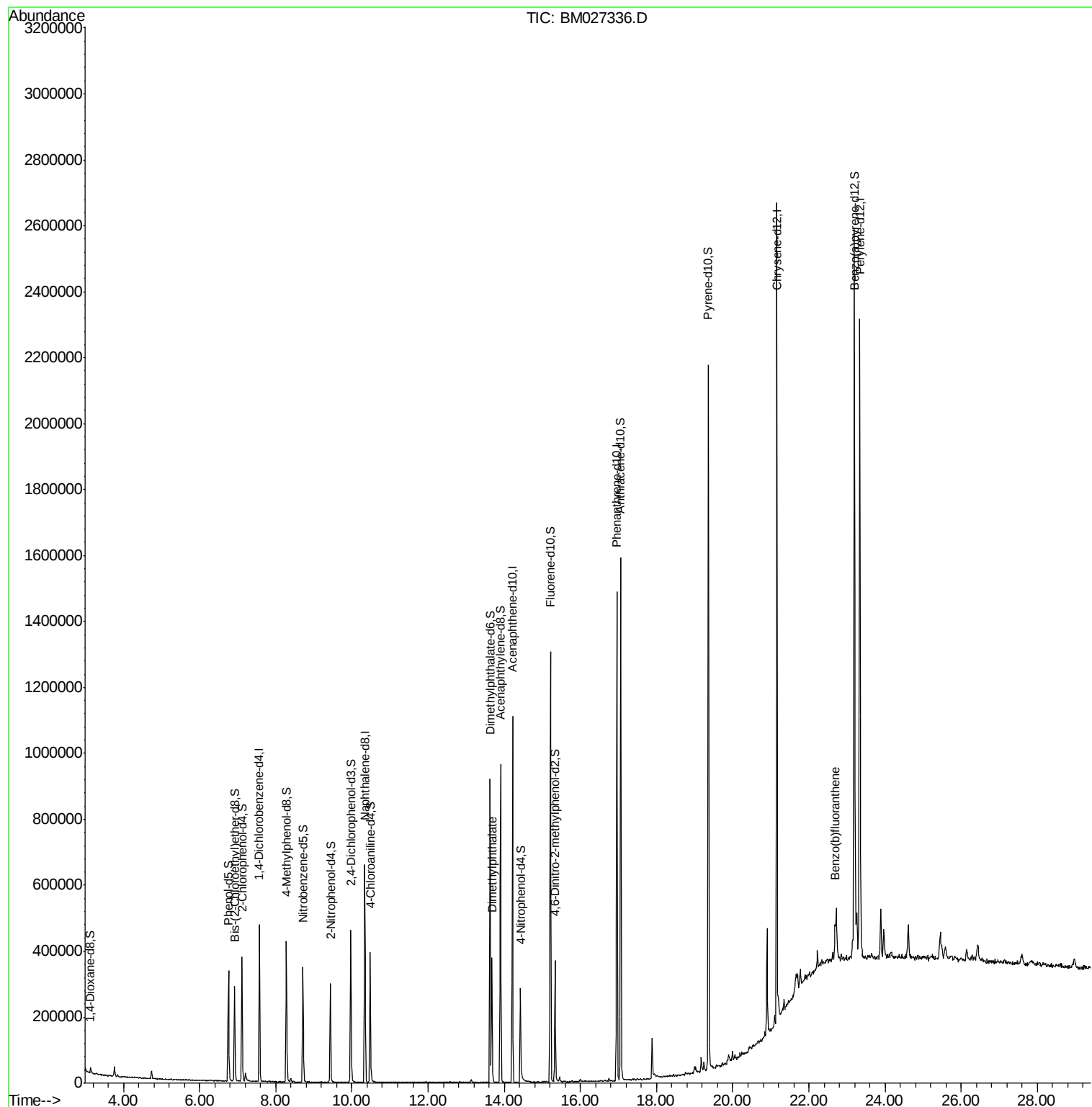
|                          |       |     |        | Ovalue |           |
|--------------------------|-------|-----|--------|--------|-----------|
| 45) Dimethylphthalate    | 13.68 | 163 | 224488 | 7.584  | ng/ul 99  |
| 88) Benzo(b)fluoranthene | 22.69 | 252 | 91580  | 1.051  | ng/ul# 94 |

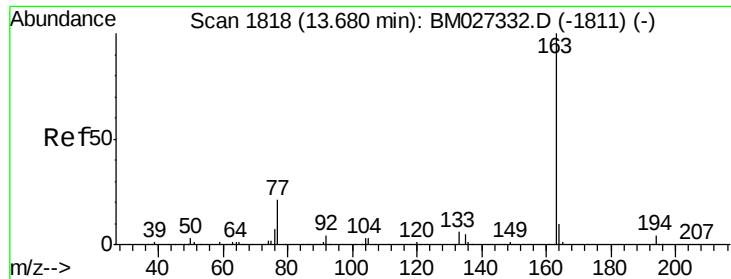
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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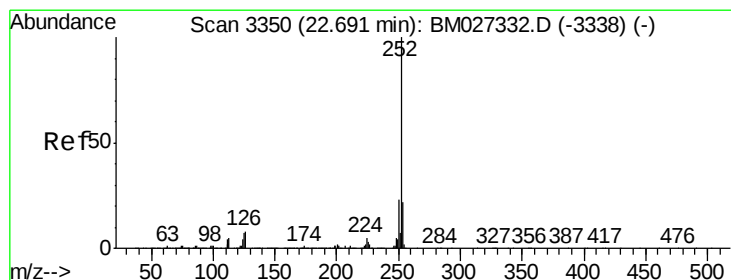
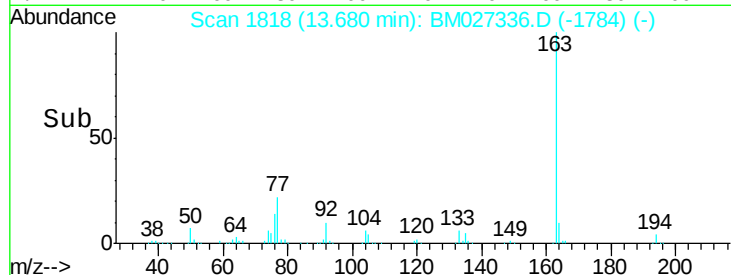
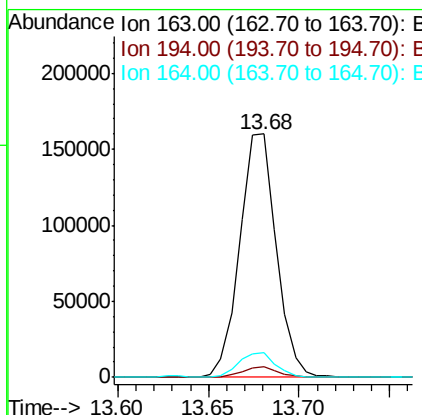
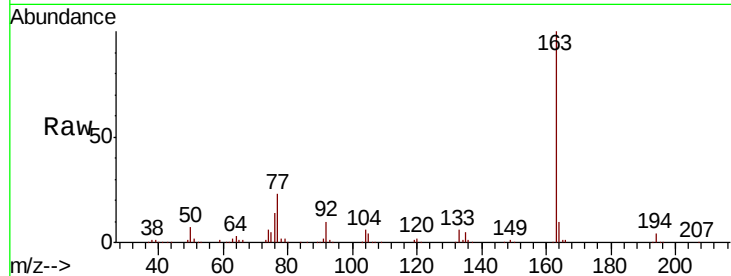




#45  
Dimethylphthalate  
Concen: 7.584 ng/ul  
RT: 13.68 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BM027336.D  
Acq: 04 Sep 2020 18:43

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB7

Tot Ion:163 Resp: 224488  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.3 4.9  
164 10.0 8.1 12.1



#88  
Benzo(b)fluoranthene  
Concen: 1.051 ng/ul  
RT: 22.69 min Scan# 3350  
Delta R.T. -0.00 min  
Lab File: BM027336.D  
Acq: 04 Sep 2020 18:43

Tgt Ion:252 Resp: 91580  
Ion Ratio Lower Upper  
252 100  
253 24.8 17.7 26.5  
125 8.6 5.1 7.7#

