

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021121\  
 Data File : BM028722.D  
 Acq On : 11 Feb 2021 21:38  
 Operator : CG/JU  
 Sample : M1375-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BJ3

Quant Time: Feb 12 00:01:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011621MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 11 16:46:31 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 28423    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.70 | 136  | 116282   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.54 | 164  | 66358    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.27 | 188  | 128189   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.42 | 240  | 116462   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.66 | 264  | 113840   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 908    | 1.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.06  | 99  | 17483  | 7.20  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.22  | 67  | 40316  | 26.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 50395  | 23.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.61  | 113 | 31596  | 16.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.06  | 128 | 28327  | 28.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.79  | 143 | 31719  | 29.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.32 | 165 | 53342  | 26.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.84 | 131 | 69589  | 30.19 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.95 | 166 | 168406 | 31.96 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.23 | 160 | 209857 | 31.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.76 | 143 | 5689   | 5.76  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.53 | 176 | 143325 | 31.47 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 23781  | 26.96 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.37 | 188 | 218090 | 33.05 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.65 | 212 | 228033 | 33.52 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.51 | 264 | 225359 | 34.88 | ng/ul | 0.00 |

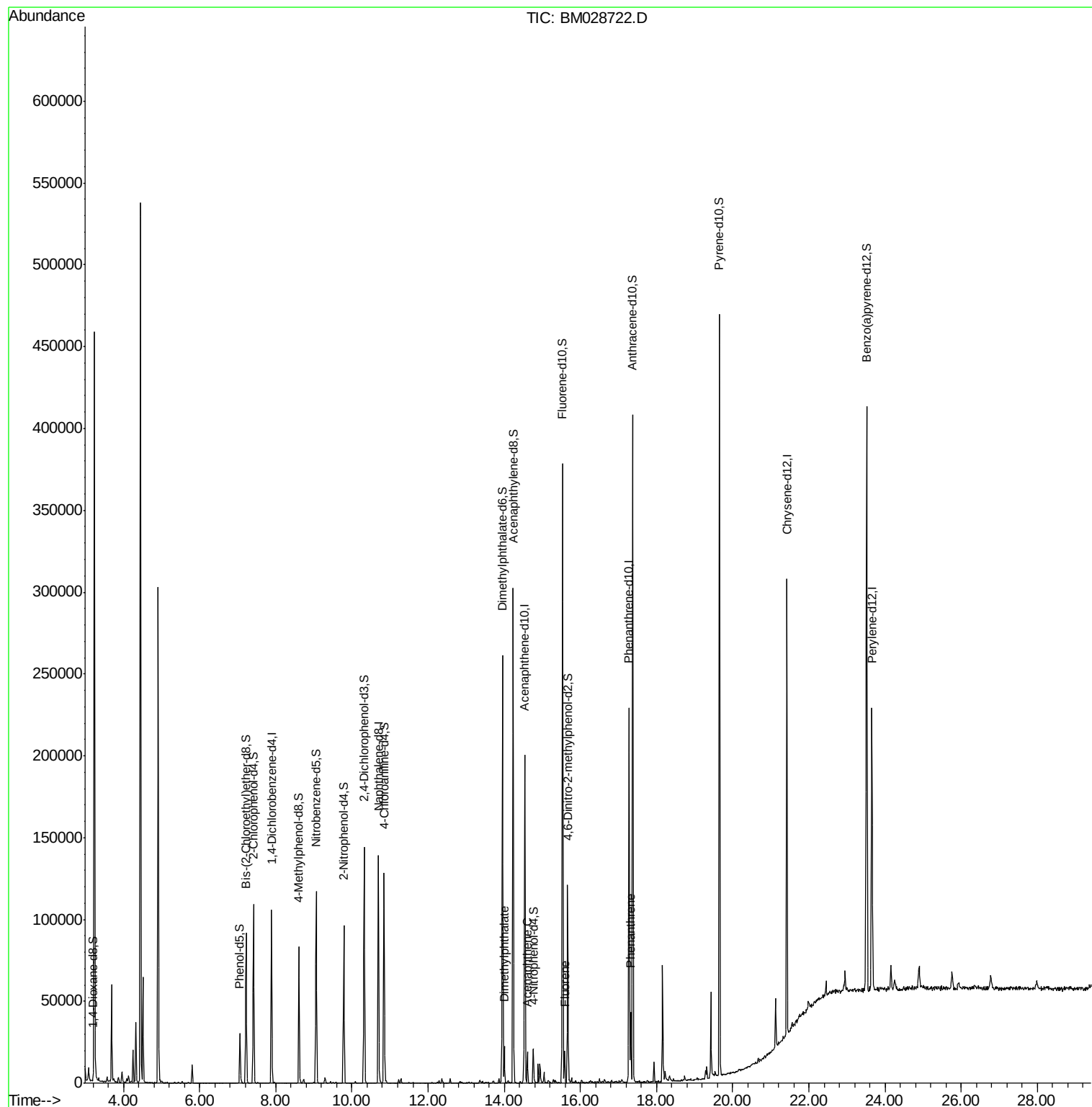
|                       |       |     |       |       |        |    |
|-----------------------|-------|-----|-------|-------|--------|----|
| Target Compounds      |       |     |       |       | Ovalue |    |
| 45) Dimethylphthalate | 14.00 | 163 | 14568 | 2.727 | ng/ul  | 99 |
| 50) Acenaphthene      | 14.60 | 153 | 8086  | 1.689 | ng/ul  | 98 |
| 59) Fluorene          | 15.59 | 166 | 8702  | 1.647 | ng/ul  | 98 |
| 70) Phenanthrene      | 17.32 | 178 | 24992 | 3.157 | ng/ul  | 99 |

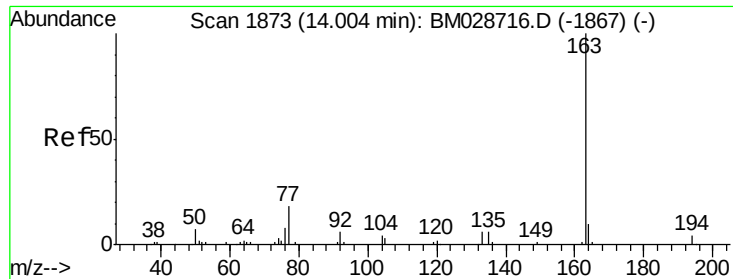
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Feb 11 16:46:31 2021  
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.727 ng/ul

RT: 14.00 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM028722.D

Acq: 11 Feb 2021 21:38

Instrument :

BNA\_M

ClientSampled :

C0BJ3

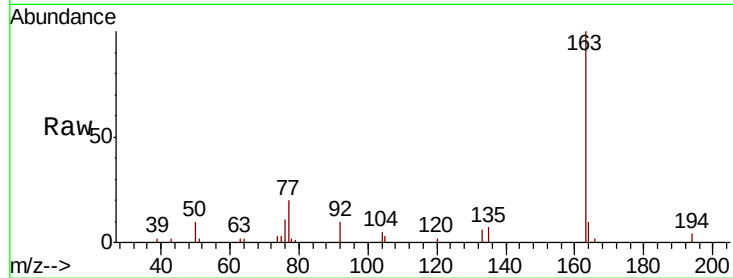
Tot Ion:163 Resp: 14568

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

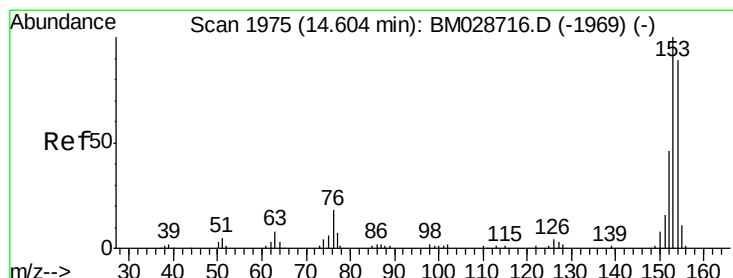
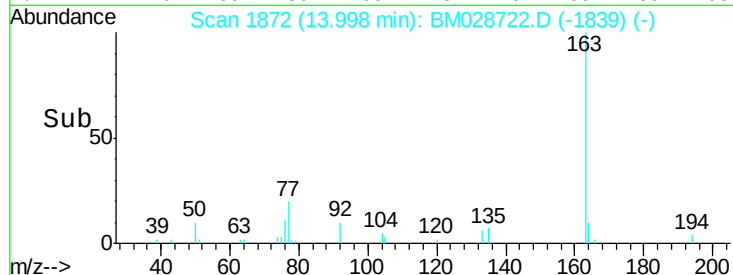
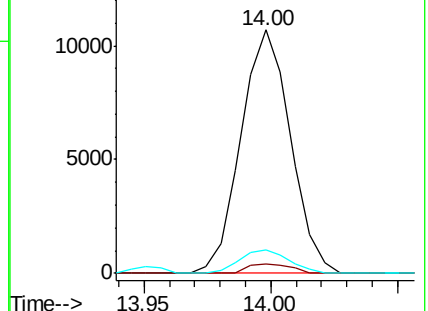
164 9.9 8.2 12.2



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



#50

Acenaphthene

Concen: 1.689 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM028722.D

Acq: 11 Feb 2021 21:38

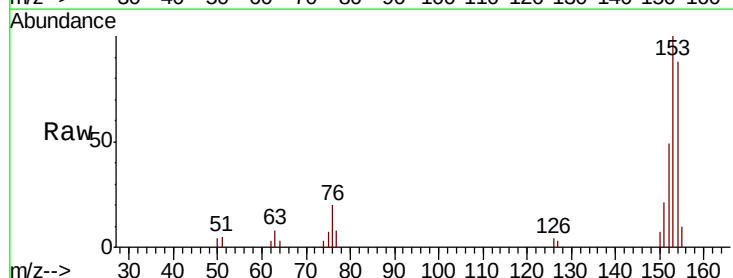
Tgt Ion:153 Resp: 8086

Ion Ratio Lower Upper

153 100

152 49.1 37.0 55.6

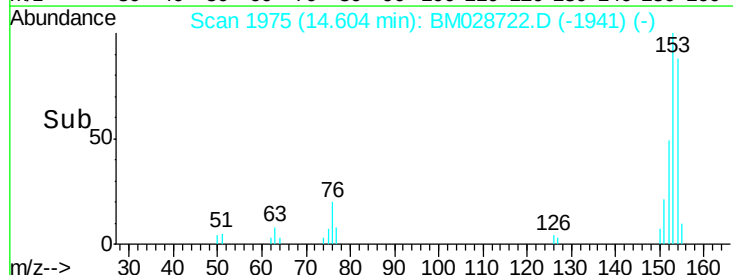
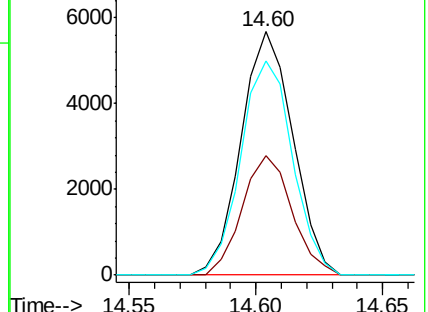
154 87.8 70.4 105.6

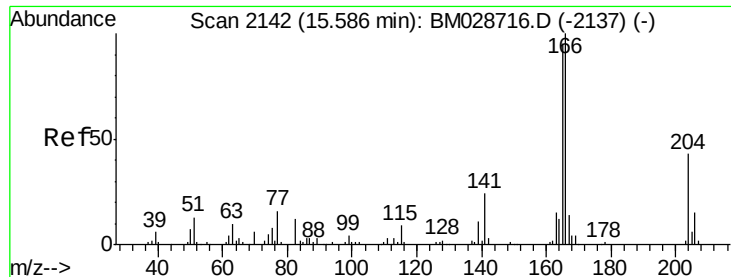


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.647 ng/ul

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

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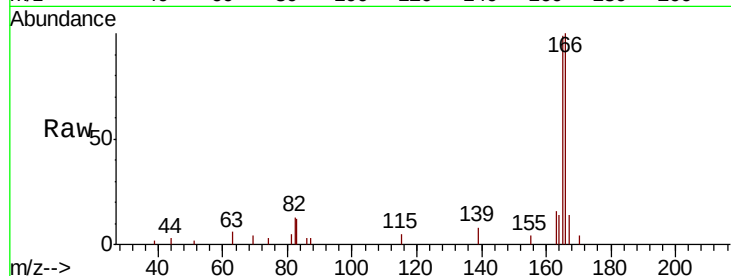
Tot Ion:166 Resp: 8702

Ion Ratio Lower Upper

166 100

165 99.4 78.0 117.0

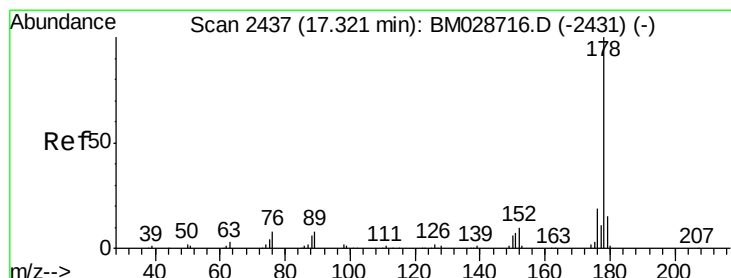
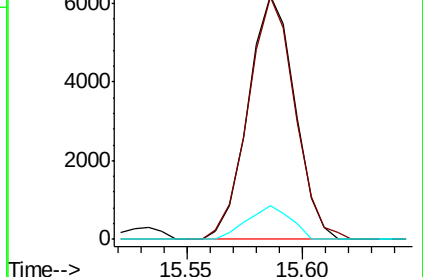
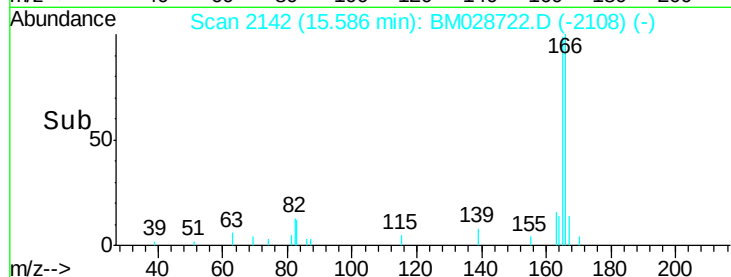
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 3.157 ng/ul

RT: 17.32 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BM028722.D

Acq: 11 Feb 2021 21:38

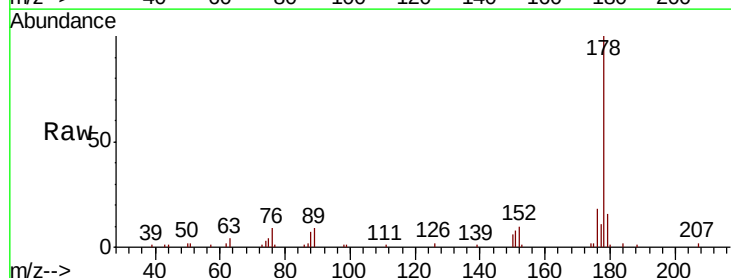
Tgt Ion:178 Resp: 24992

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

176 17.9 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

