

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\  
 Data File : BM027422.D  
 Acq On : 15 Sep 2020 21:53  
 Operator : JU/CG  
 Sample : L3995-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG0N6

Quant Time: Sep 16 01:18:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 16 01:07:14 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 130381   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 459628   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 289687   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.94 | 188  | 628692   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 704034   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.30 | 264  | 794904   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 19549   | 6.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 68858   | 6.41  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 154155  | 21.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 157597  | 20.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 111691  | 12.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.70  | 128 | 84676   | 24.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 93737   | 24.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 179283  | 21.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 203203  | 21.05 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 618510  | 26.83 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 712442  | 27.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 15428   | 3.80  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.19 | 176 | 528671  | 25.61 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.32 | 200 | 88177   | 21.92 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.04 | 188 | 904033  | 30.41 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.34 | 212 | 1103579 | 35.19 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 1298358 | 30.45 | ng/ul | 0.00 |

## Target Compounds

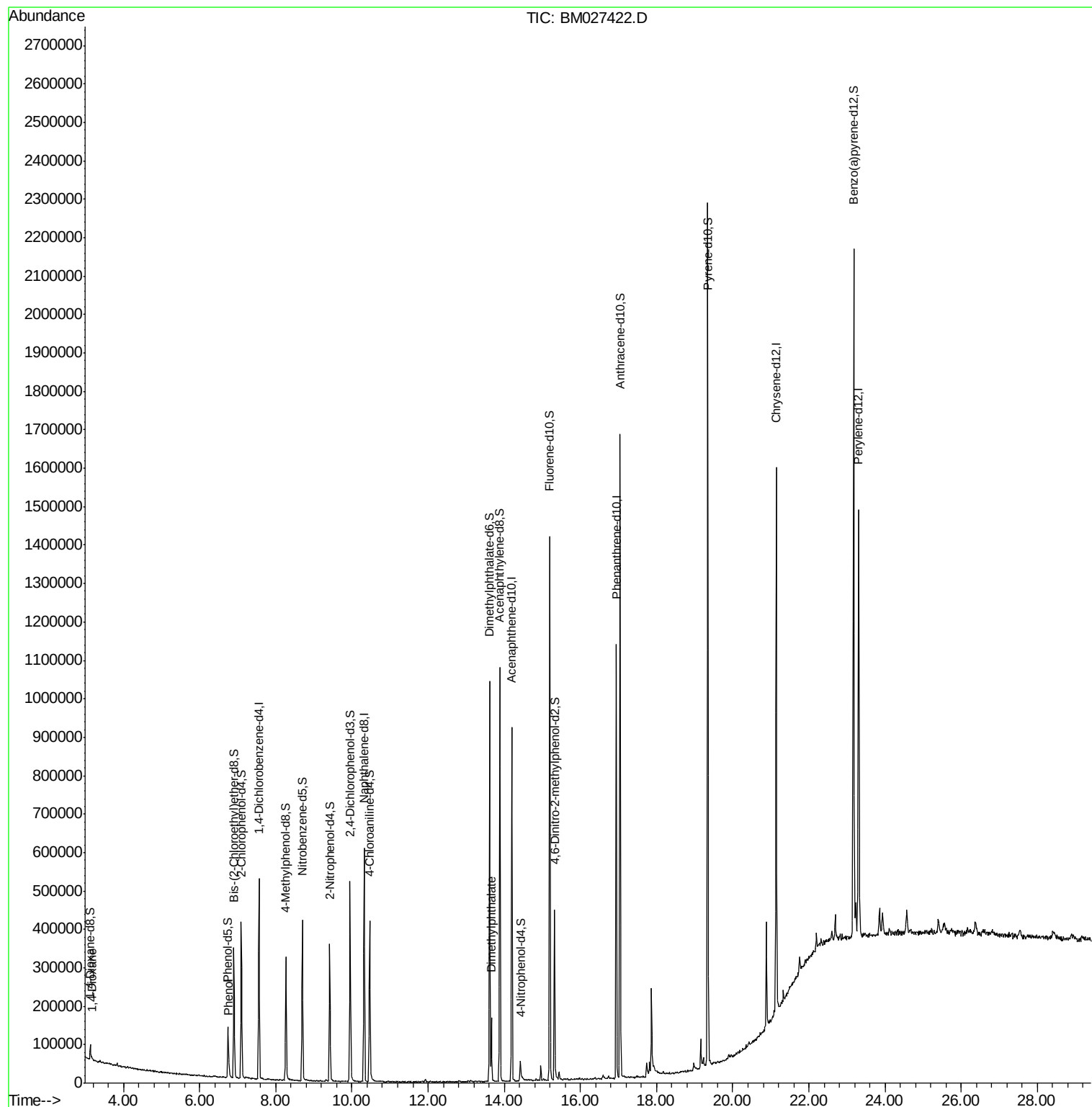
|                       |       |     |       | Ovalue |           |
|-----------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane        | 3.16  | 88  | 3890  | 1.109  | ng/uL 89  |
| 6) Phenol             | 6.77  | 94  | 15311 | 1.341  | ng/ul# 88 |
| 45) Dimethylphthalate | 13.66 | 163 | 94594 | 3.894  | ng/ul 99  |

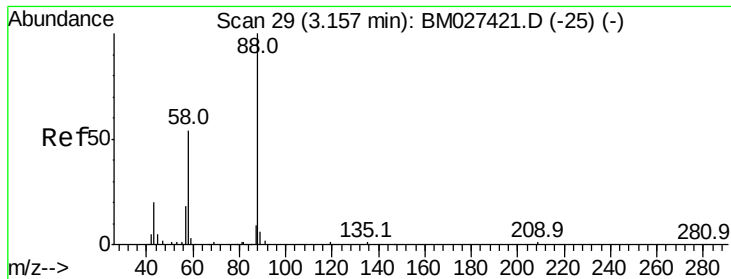
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 16 01:07:14 2020  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.109 ng/uL

RT: 3.16 min Scan# 30

Delta R.T. 0.01 min

Lab File: BM027422.D

Acq: 15 Sep 2020 21:53

Instrument :

BNA\_M

ClientSampleId :

BG0N6

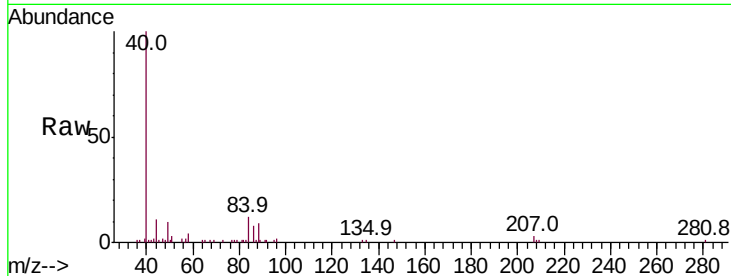
Tot Ion: 88 Resp: 3890

Ion Ratio Lower Upper

88 100

43 24.6 21.7 32.5

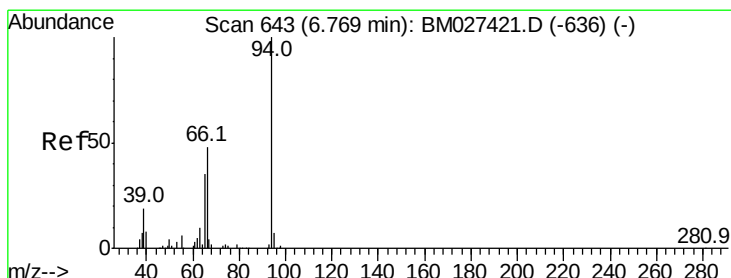
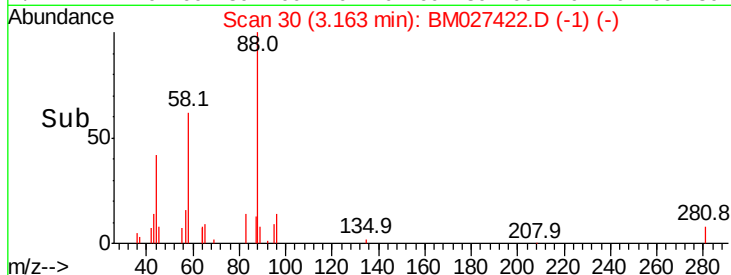
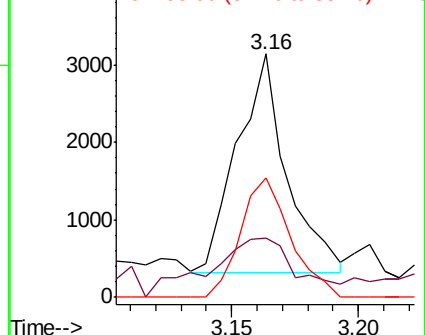
58 49.1 47.4 71.0



Abundance Ion 88.00 (87.70 to 88.70): BM027421.D (-25) (-)

Ion 43.00 (42.70 to 43.70): BM027421.D (-25) (-)

Ion 58.00 (57.70 to 58.70): BM027421.D (-25) (-)



#6

Phenol

Concen: 1.341 ng/uL

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM027422.D

Acq: 15 Sep 2020 21:53

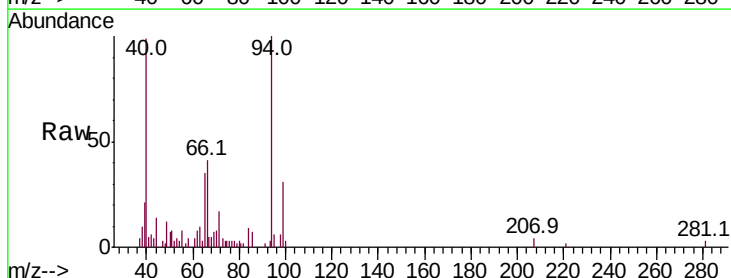
Tgt Ion: 94 Resp: 15311

Ion Ratio Lower Upper

94 100

65 34.9 30.2 45.4

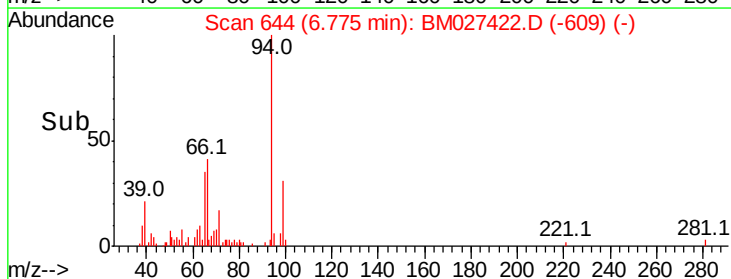
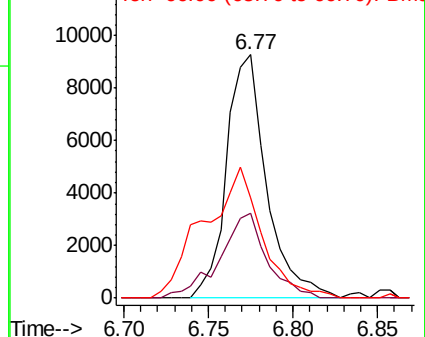
66 41.0 42.4 63.6#

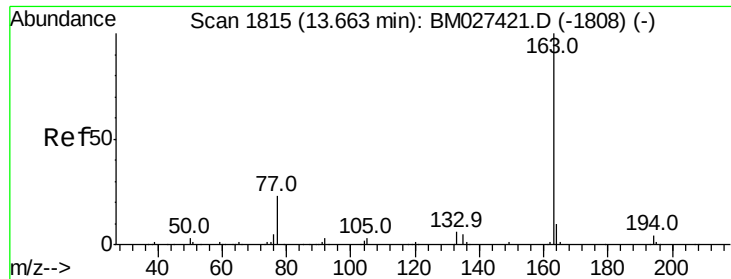


Abundance Ion 94.00 (93.70 to 94.70): BM027421.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM027421.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM027421.D (-636) (-)





#45

Dimethylphthalate

Concen: 3.894 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. 0.00 min

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ClientSampleId :

BG0N6

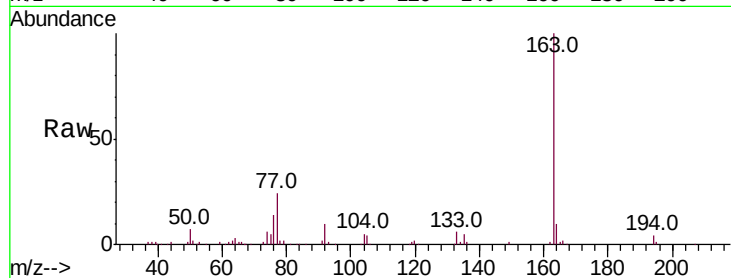
Tot Ion:163 Resp: 94594

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.7 8.1 12.1



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

