

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\  
 Data File : BM024235.D  
 Acq On : 24 Dec 2019 02:46  
 Operator : JU  
 Sample : K6236-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFEX3

Manual Integrations  
 APPROVED

mohammad  
 12/24/2019 2:58:20 PM

Quant Time: Dec 24 04:44:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 03:29:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 208621   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.20 | 136  | 881924   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.09 | 164  | 543448   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.85 | 188  | 1132785  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.06 | 240  | 1027183  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 1196445  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.00  | 96  | 16620   | 3.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.63  | 99  | 343366  | 17.38 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 241484  | 20.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 271328  | 19.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 234845  | 14.54 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 127230  | 20.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 135535  | 19.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.84  | 165 | 251805  | 18.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 326451  | 19.84 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.52 | 166 | 870987  | 21.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.78 | 160 | 999890  | 20.76 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 65630m  | 9.10  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.10 | 176 | 742832  | 21.09 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 68306   | 9.88  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.95 | 188 | 1076777 | 20.89 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.26 | 212 | 1172282 | 23.96 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 1248378 | 21.01 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 6.66  | 94  | 47773  | 2.342 ng/ul | 97     |
| 45) Dimethylphthalate | 13.57 | 163 | 108738 | 2.604 ng/ul | 99     |
| 57) Diethylphthalate  | 14.95 | 149 | 61619  | 1.451 ng/ul | 99     |

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

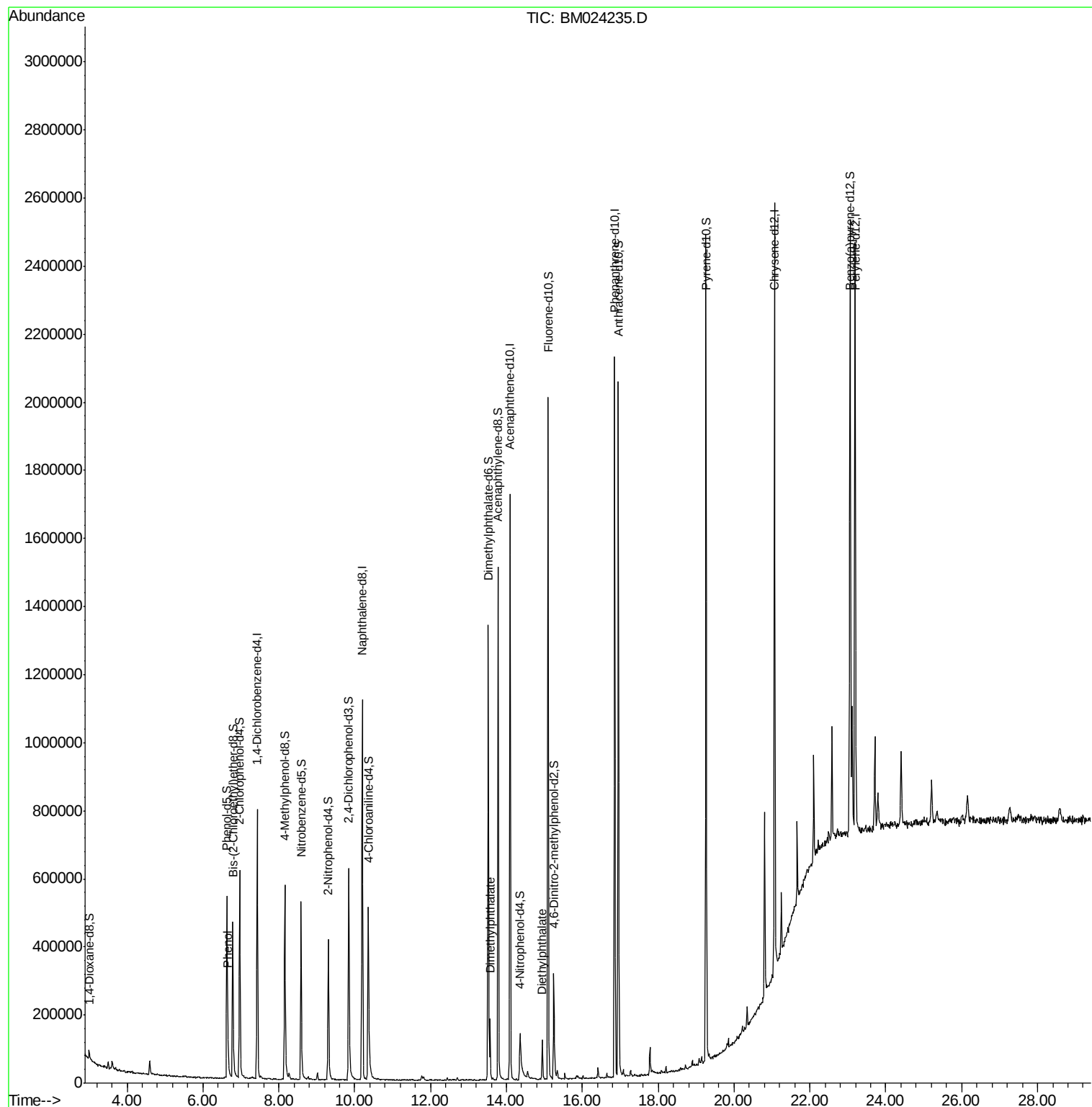
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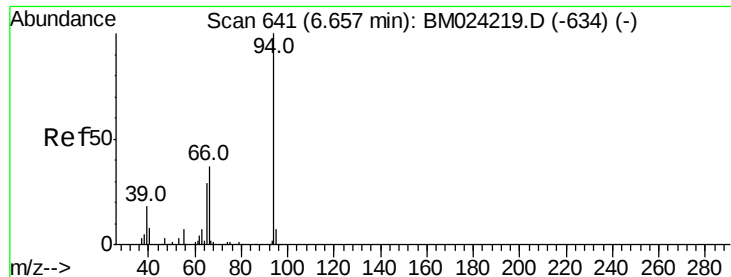
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Response via : Initial Calibration





#6

Phenol

Concen: 2.342 ng/ul

RT: 6.66 min Scan# 641

Delta R.T. -0.00 min

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Acq: 24 Dec 2019 02:46

Instrument :

BNA\_M

ClientSampleId :

BFEX3

Tot Ion: 94 Resp: 47773

Ion Ratio Lower Upper

94 100

65 29.7 22.6 33.8

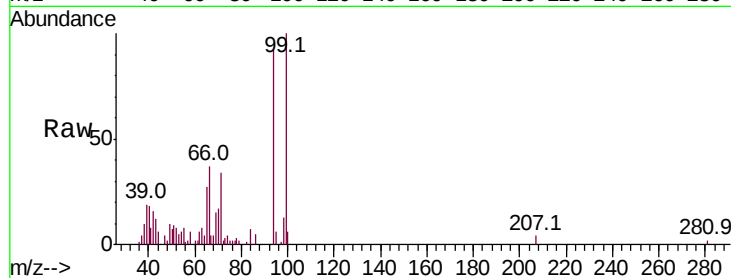
66 39.9 30.7 46.1

Manual Integrations

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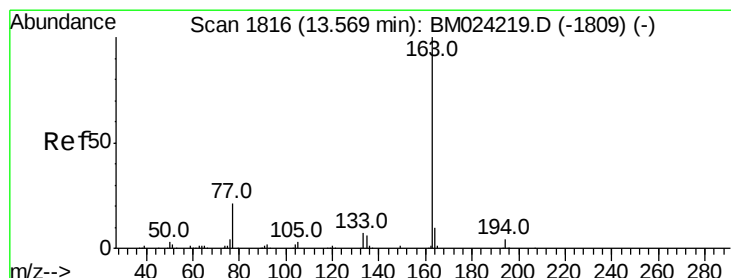
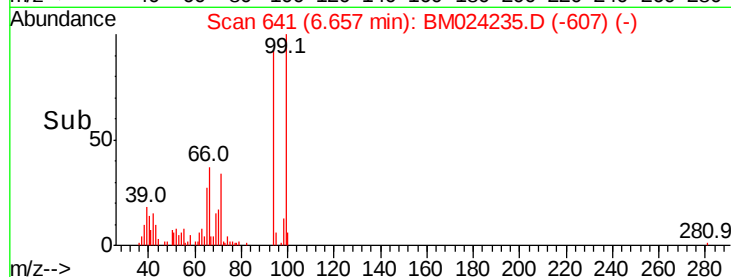
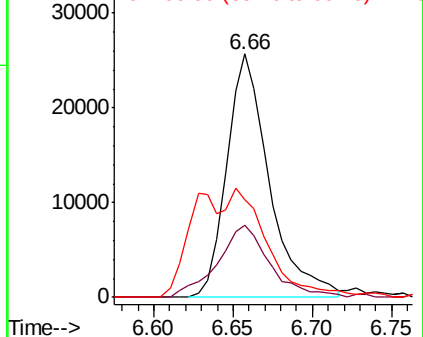


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#45

Dimethylphthalate

Concen: 2.604 ng/ul

RT: 13.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM024235.D

Acq: 24 Dec 2019 02:46

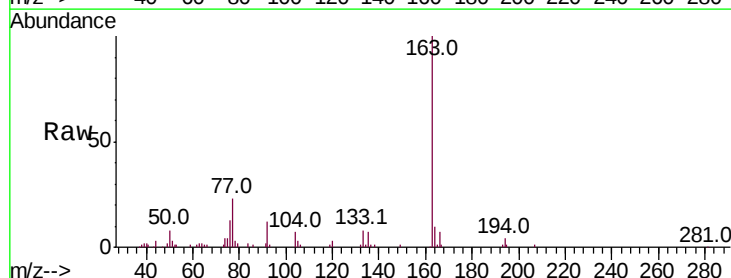
Tgt Ion: 163 Resp: 108738

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.1 7.8 11.6

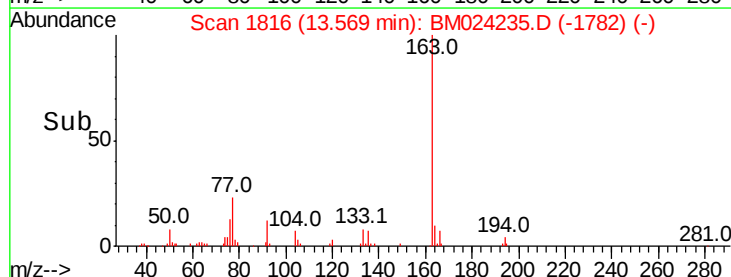
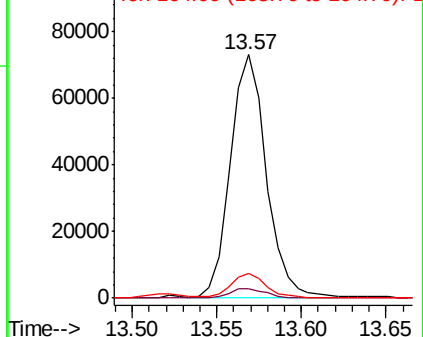


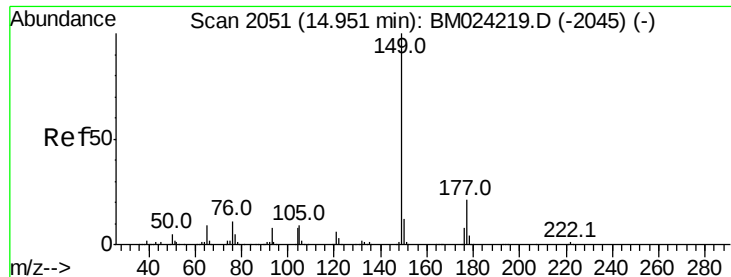
Abundance

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





#57  
 Diethylphthalate  
 Concen: 1.451 ng/ul  
 RT: 14.95 min Scan# 2050  
 Delta R.T. -0.01 min  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.9  | 17.1  | 25.7  |
| 150     | 12.8  | 9.9   | 14.9  |

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