

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050319\  
 Data File : BN005472.D  
 Acq On : 04 May 2019 03:35  
 Operator : JU/SJ  
 Sample : K2602-06 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFH69

Quant Time: May 06 01:11:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 03:02:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 329373   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1404978  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 830817   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 1834247  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 1438673  | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.40 | 264  | 1480562  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 4136   | 0.61 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 125813 | 4.86 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 71089  | 4.41 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 101433 | 5.12 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 95944  | 4.74 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 50030  | 5.79 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 54597  | 6.23 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 100767 | 5.01 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 55331  | 2.67 | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 331589 | 5.50 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 415437 | 5.61 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 29320  | 3.08 | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.22 | 176 | 297745 | 5.88 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 19384  | 2.35 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.07 | 188 | 482135 | 6.27 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 494943 | 6.73 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 384494 | 5.94 | ng/ul | -0.01 |

## Target Compounds

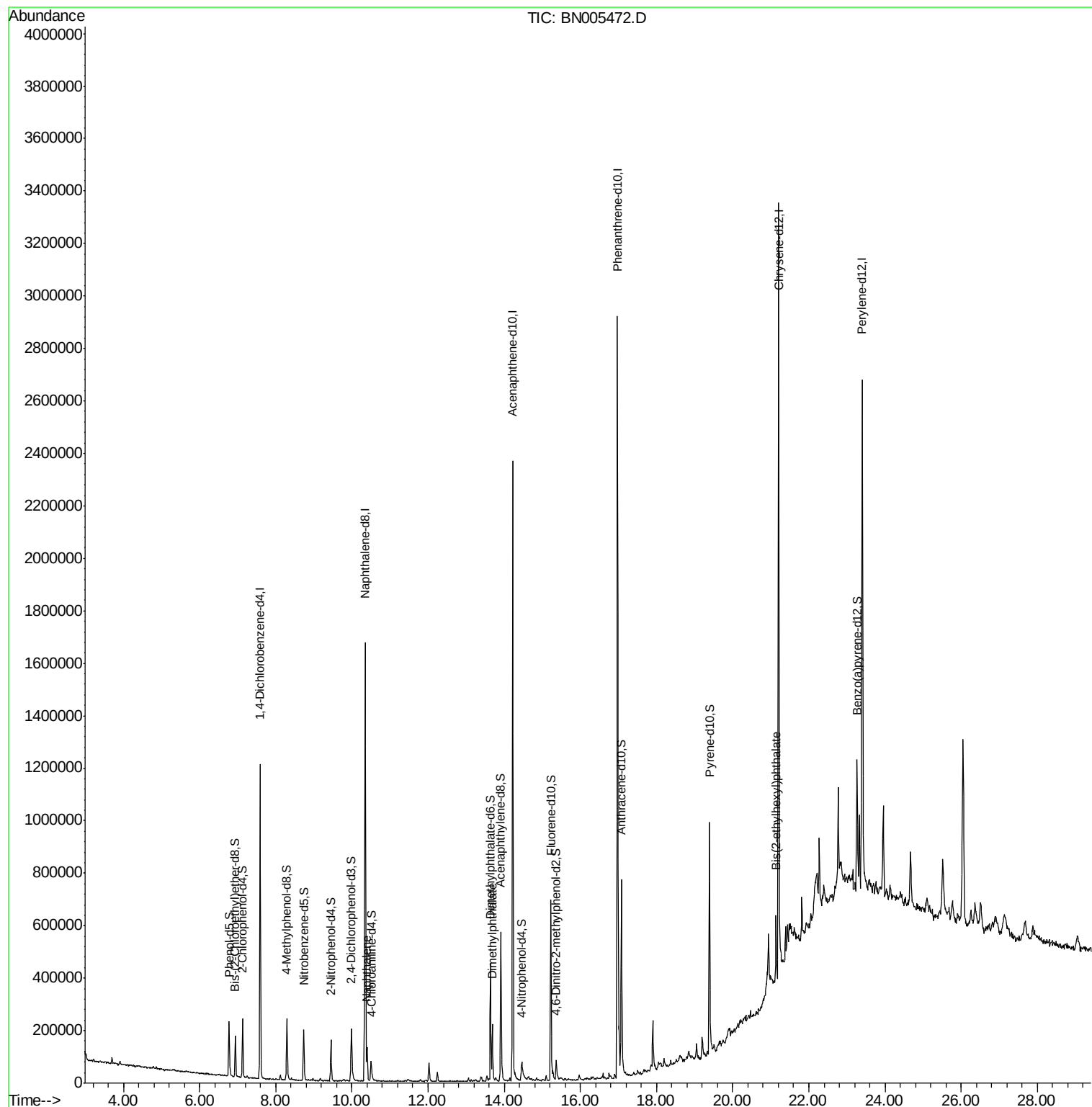
|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 28) Naphthalene                | 10.40 | 128 | 97689  | 1.496 ng/ul  | 97     |
| 44) Dimethylphthalate          | 13.69 | 163 | 140690 | 2.341 ng/ul  | 97     |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 80865  | 1.432 ng/ul# | 95     |

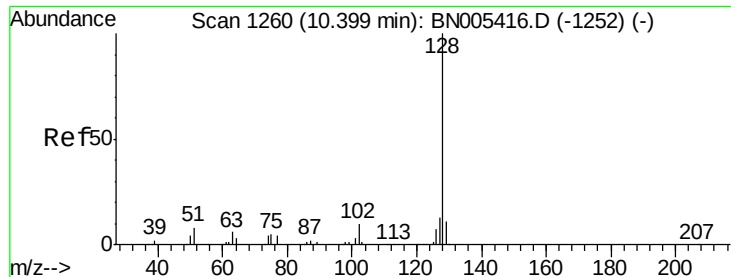
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 03 03:02:31 2019  
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.496 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

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Acq: 04 May 2019 03:35

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BNA\_N

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BFH69

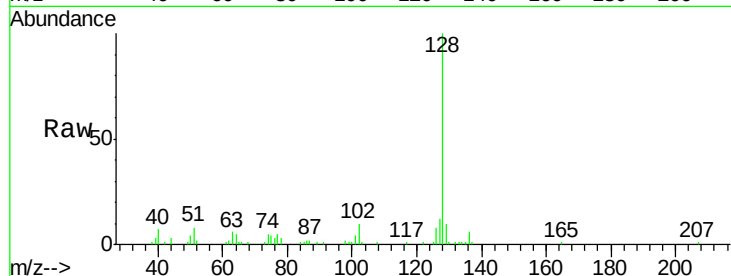
Tgt Ion:128 Resp: 97689

Ion Ratio Lower Upper

128 100

129 10.3 9.2 13.8

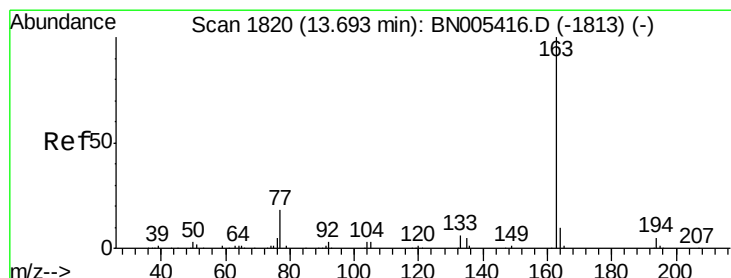
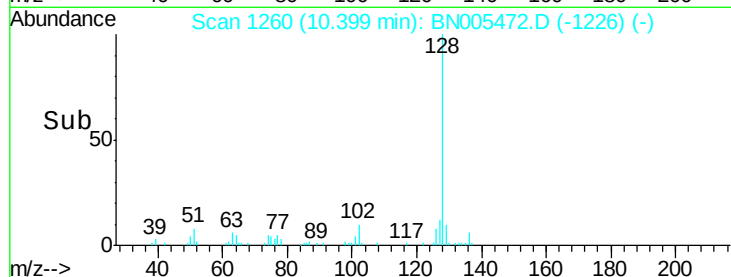
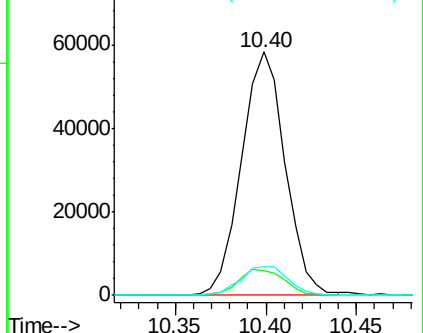
127 11.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 2.341 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005472.D

Acq: 04 May 2019 03:35

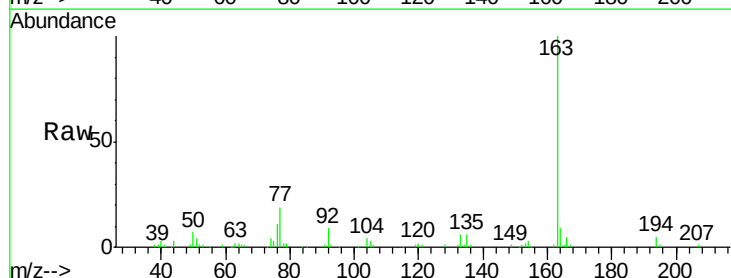
Tgt Ion:163 Resp: 140690

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

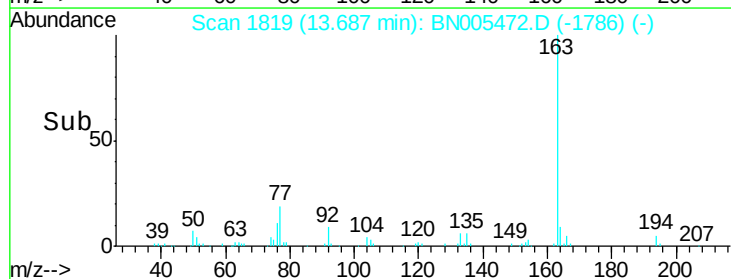
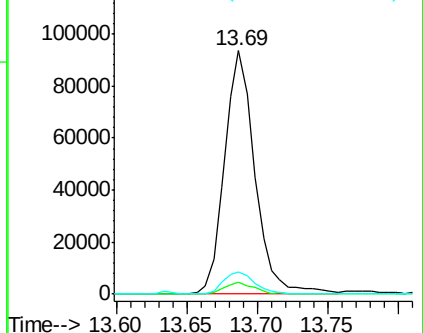
164 8.9 8.1 12.1

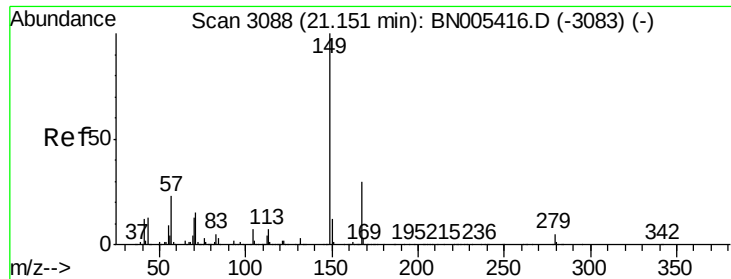


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.432 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BN005472.D

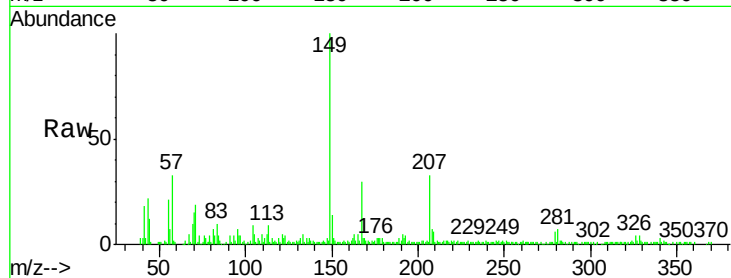
Acq: 04 May 2019 03:35

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 80865 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 30.4  | 22.3  | 33.5  |
| 279       | 5.9   | 3.3   | 4.9#  |

