

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040219\  
 Data File : BM019733.D  
 Acq On : 03 Apr 2019 16:56  
 Operator : JU/SJ  
 Sample : K2148-09  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF5G8

Manual Integrations  
 APPROVED

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 4/4/2019 5:44:21 PM

Quant Time: Apr 04 02:37:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 04 01:45:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 172620   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.35 | 136  | 780033   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.23 | 164  | 444987   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.99 | 188  | 993081   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 782118   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 720618   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 28261  | 6.41  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.75  | 99  | 269558 | 17.54 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 181493 | 17.64 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 219030 | 18.80 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 182755 | 15.84 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 108647 | 19.53 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 124604 | 20.12 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 197916 | 16.94 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 242191 | 17.26 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.65 | 166 | 690931 | 19.24 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 13.92 | 160 | 826201 | 18.40 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 72139m | 12.82 | ng/ul | 0.01  |
| 58) Fluorene-d10               | 15.23 | 176 | 589384 | 19.05 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 50467  | 7.68  | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.09 | 188 | 867795 | 18.21 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.40 | 212 | 826168 | 22.87 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 622825 | 16.30 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |        | Qvalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 45) Dimethylphthalate          | 13.70 | 163 | 194050  | 5.387  | ng/ul# | 98 |
| 81) Butylbenzylphthalate       | 20.33 | 149 | 412140m | 22.122 | ng/ul  |    |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 78713   | 2.915  | ng/ul  | 94 |
| 88) Benzo(b)fluoranthene       | 22.74 | 252 | 66705   | 1.520  | ng/ul# | 84 |

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

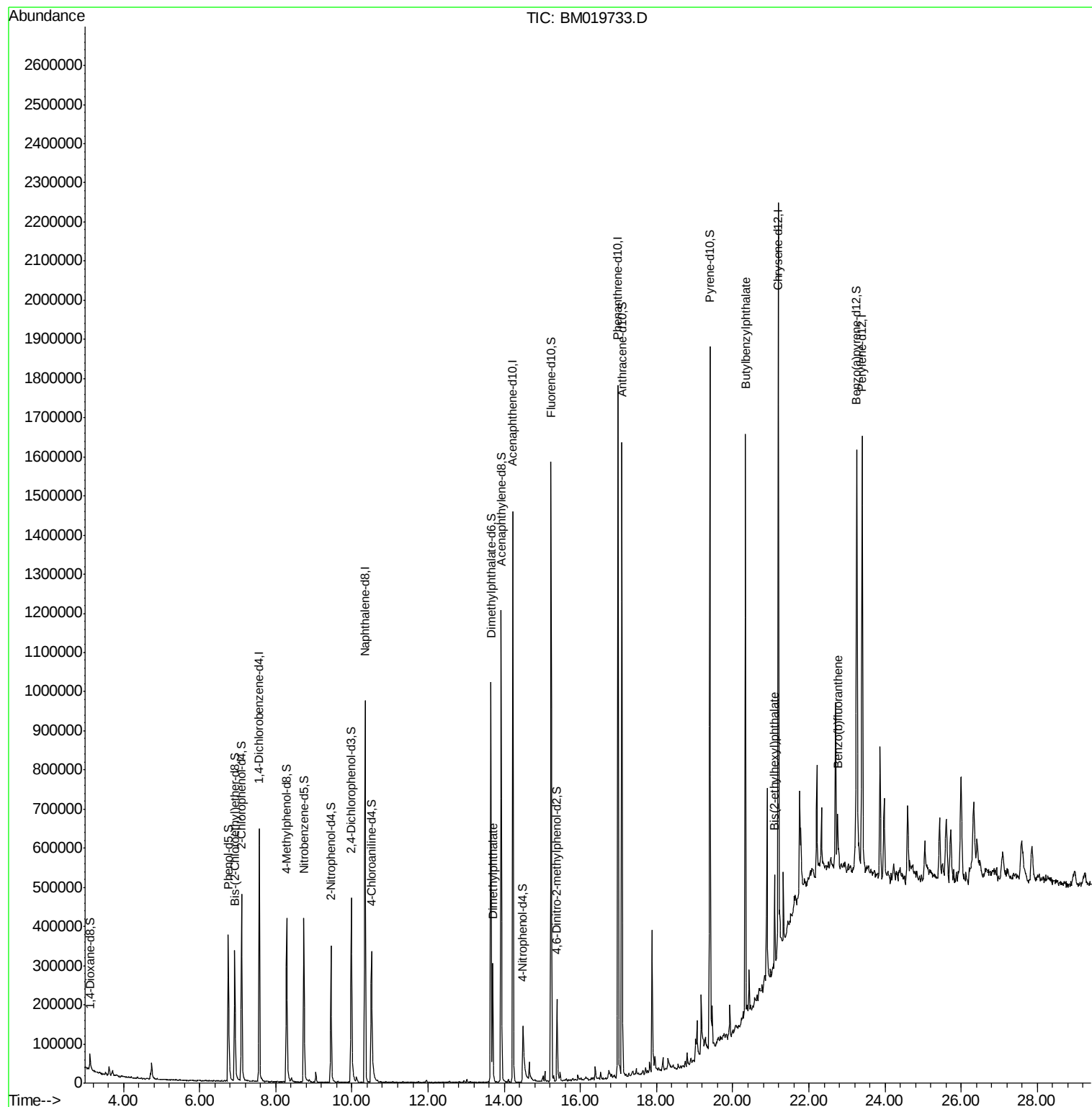
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040219\  
Data File : BM019733.D  
Acq On : 03 Apr 2019 16:56  
Operator : JU/SJ  
Sample : K2148-09  
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ALS Vial : 41 Sample Multiplier: 1

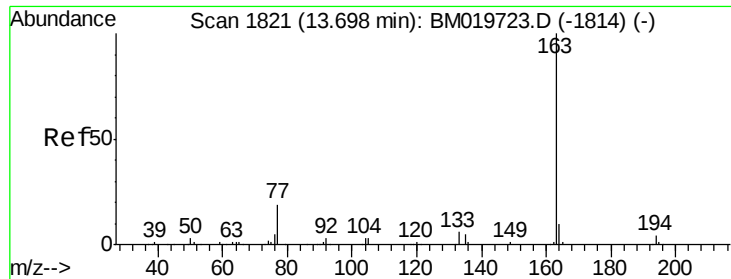
Instrument :  
BNA\_M  
ClientSampleId :  
BF5G8

Quant Time: Apr 04 02:37:18 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION  
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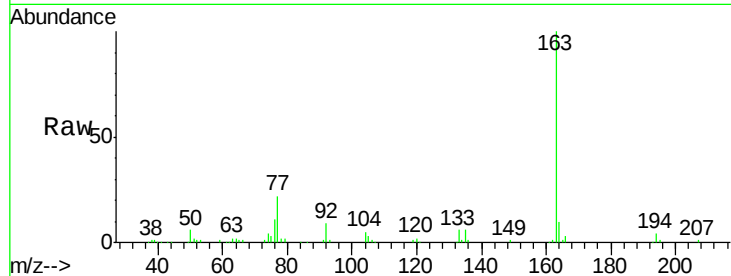
#45  
Dimethylphthalate  
Concen: 5.387 ng/ul  
RT: 13.70 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BM019733.D  
Acq: 03 Apr 2019 16:56

Instrument :  
BNA\_M  
ClientSampleId :  
BF5G8

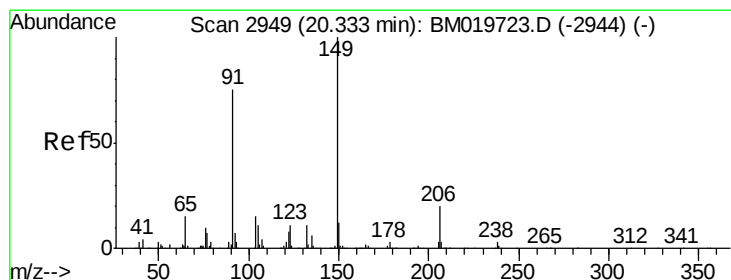
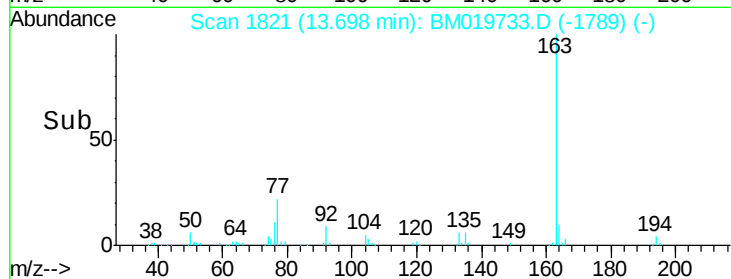
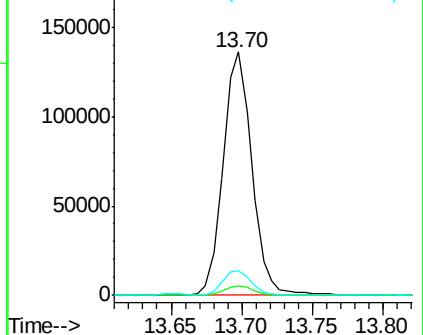
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.8   | 4.0        | 6.0#       |
| 164     | 9.9   | 8.4        | 12.6       |

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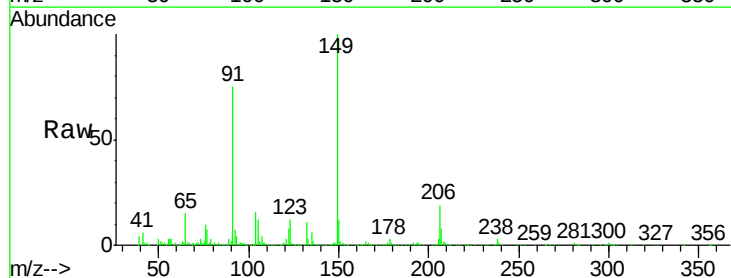


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

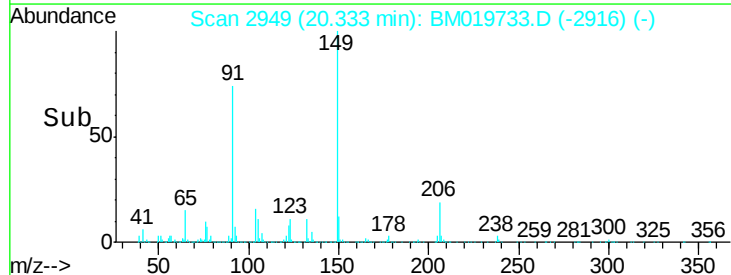
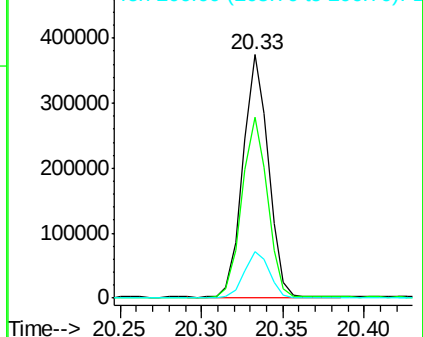


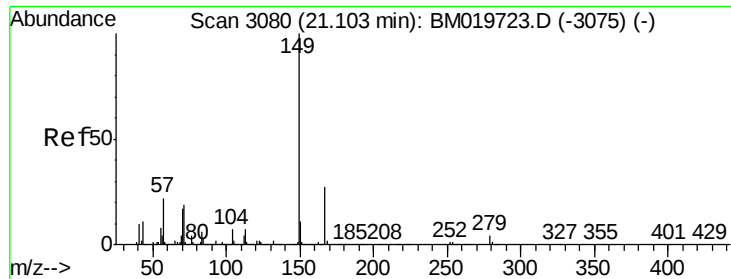
#81  
Butylbenzylphthalate  
Concen: 22.122 ng/ul m  
RT: 20.33 min Scan# 2949  
Delta R.T. -0.01 min  
Lab File: BM019733.D  
Acq: 03 Apr 2019 16:56

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 74.6  | 53.4       | 80.0       |
| 206     | 18.9  | 19.3       | 28.9#      |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E





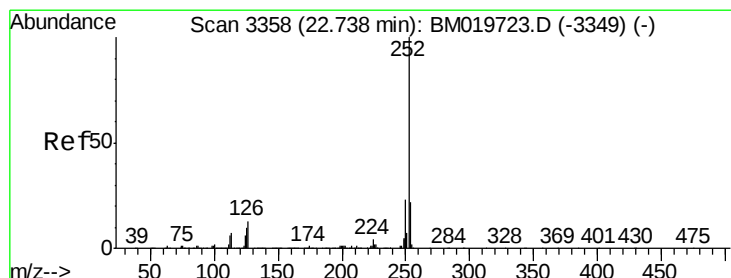
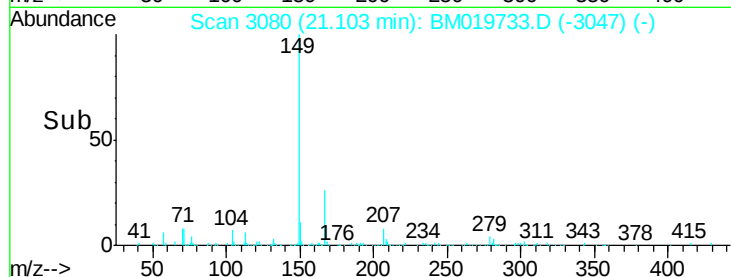
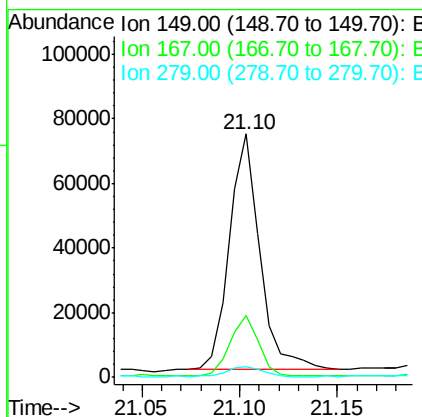
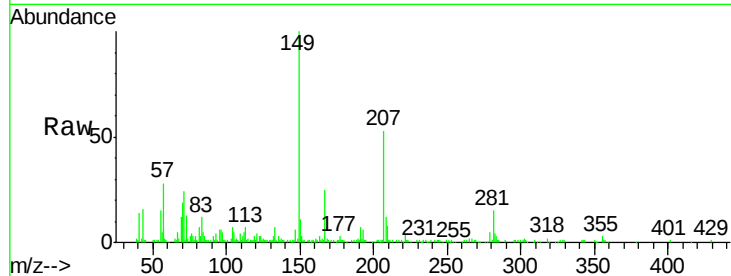
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.915 ng/ul  
 RT: 21.10 min Scan# 3080  
 Delta R.T. -0.01 min  
 Lab File: BM019733.D  
 Acq: 03 Apr 2019 16:56

Instrument :  
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 ClientSampleId :  
 BF5G8

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 78713 |       |       |
| 167     | 25.3  | 23.0  | 34.6  |       |
| 279     | 4.6   | 4.3   | 6.5   |       |

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#88  
 Benzo(b)fluoranthene  
 Concen: 1.520 ng/ul  
 RT: 22.74 min Scan# 3359  
 Delta R.T. -0.00 min  
 Lab File: BM019733.D  
 Acq: 03 Apr 2019 16:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 66705 |       |       |
| 253     | 27.1  | 17.4  | 26.0# |       |
| 125     | 16.8  | 4.9   | 7.3#  |       |

