

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\  
 Data File : BM023709.D  
 Acq On : 13 Nov 2019 22:31  
 Operator : JU  
 Sample : K5678-13  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLM98

Quant Time: Nov 14 01:18:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 14 01:13:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 513300   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 2287003  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 1454820  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 2689207  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 1811396  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.32 | 264  | 2087878  | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 25453   | 2.04  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 600992  | 12.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.89  | 67  | 475375  | 17.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 587512  | 17.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 622434  | 16.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 353226  | 21.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 365699  | 21.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 684219  | 17.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 91122   | 2.12  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 2331431 | 20.55 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 2737866 | 21.15 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.43 | 143 | 59554   | 3.08  | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.20 | 176 | 1963407 | 19.60 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 186099  | 11.96 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.05 | 188 | 2617466 | 20.52 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.35 | 212 | 2244542 | 23.77 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.18 | 264 | 2152447 | 19.59 | ng/ul | 0.00 |

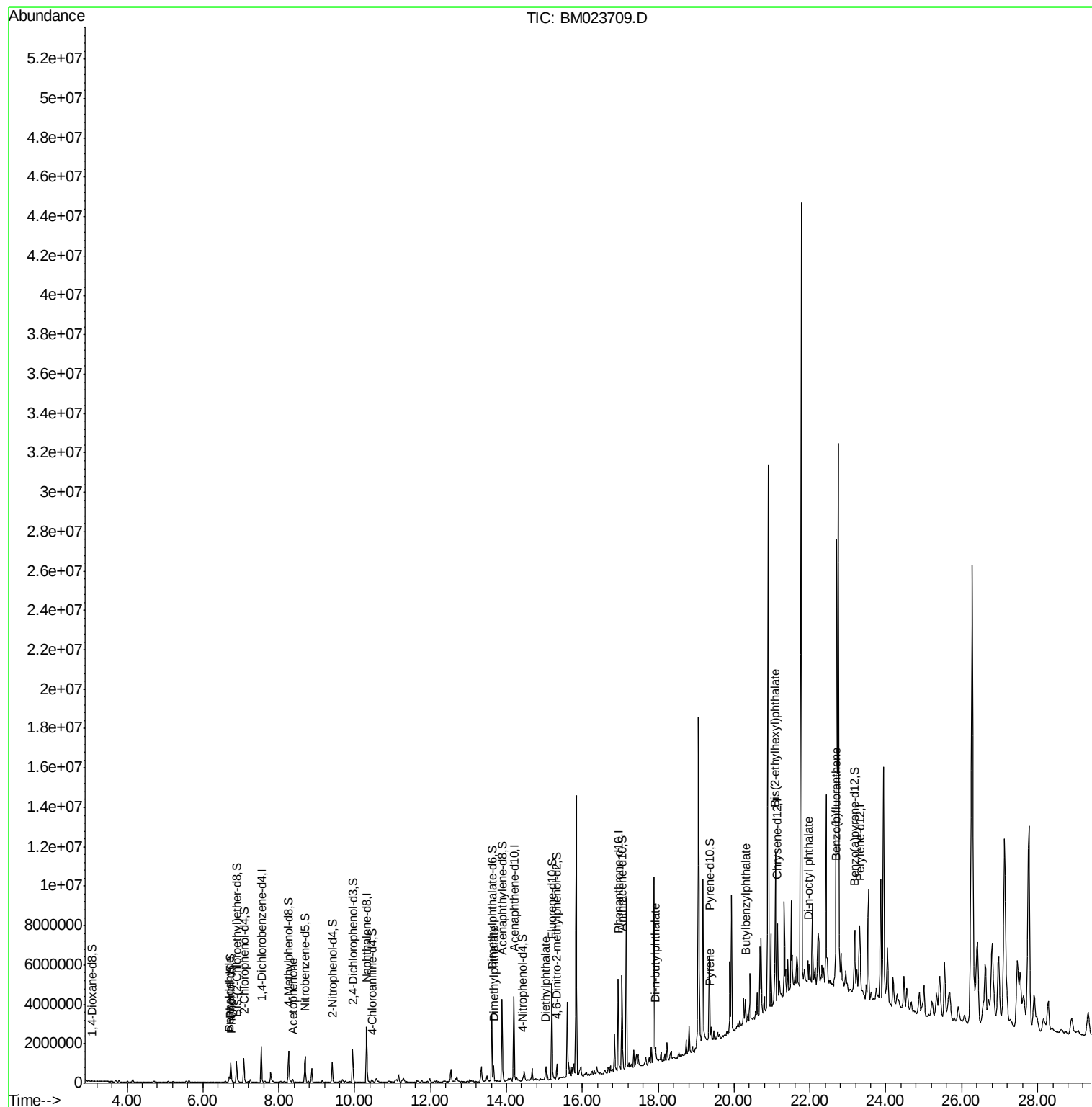
|                                |       |     |         |        |        |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| Target Compounds               |       |     |         | Ovalue |        |     |
| 4) Benzaldehyde                | 6.69  | 77  | 103600  | 3.774  | ng/ul  | 97  |
| 6) Phenol                      | 6.76  | 94  | 64219   | 1.332  | ng/ul  | 99  |
| 14) Acetophenone               | 8.36  | 105 | 98809   | 1.697  | ng/ul  | 98  |
| 45) Dimethylphthalate          | 13.66 | 163 | 442371  | 3.979  | ng/ul  | 100 |
| 57) Diethylphthalate           | 15.04 | 149 | 359275  | 3.293  | ng/ul  | 99  |
| 76) Di-n-butylphthalate        | 17.93 | 149 | 236743  | 1.729  | ng/ul# | 96  |
| 80) Pyrene                     | 19.37 | 202 | 151508  | 1.294  | ng/ul  | 96  |
| 81) Butylbenzylphthalate       | 20.30 | 149 | 290675  | 7.838  | ng/ul  | 94  |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 2810083 | 50.189 | ng/ul  | 99  |
| 87) Di-n-octyl phthalate       | 21.96 | 149 | 114495  | 1.122  | ng/ul  | 100 |
| 88) Benzo(b)fluoranthene       | 22.67 | 252 | 152624  | 1.147  | ng/ul# | 43  |

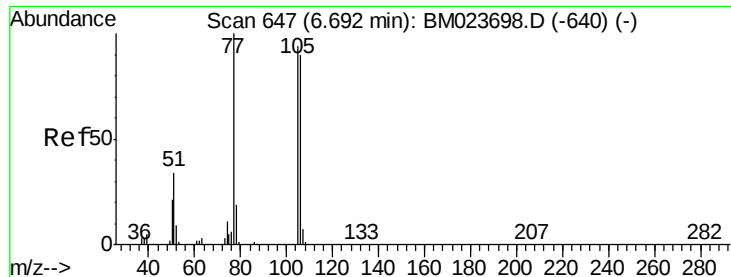
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 14 01:13:45 2019  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.774 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

Instrument :

BNA\_M

ClientSampleId :

JLM98

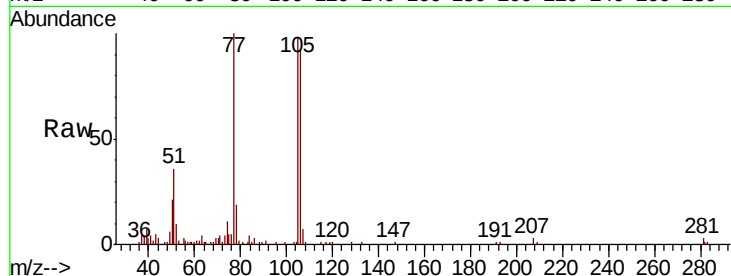
Tot Ion: 77 Resp: 103600

Ion Ratio Lower Upper

77 100

105 97.7 75.9 113.9

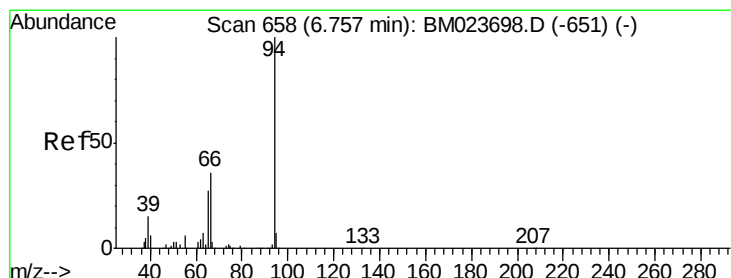
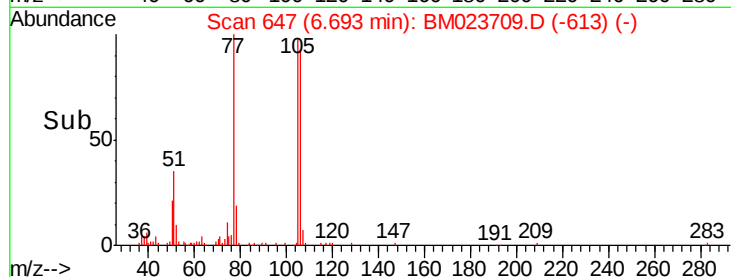
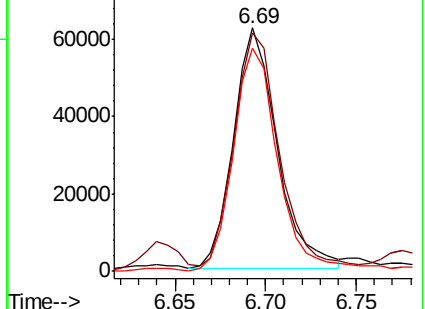
106 91.6 70.2 105.4



Abundance Ion 77.00 (76.70 to 77.70): BM023698.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM023698.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM023698.D (-640) (-)



#6

Phenol

Concen: 1.332 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

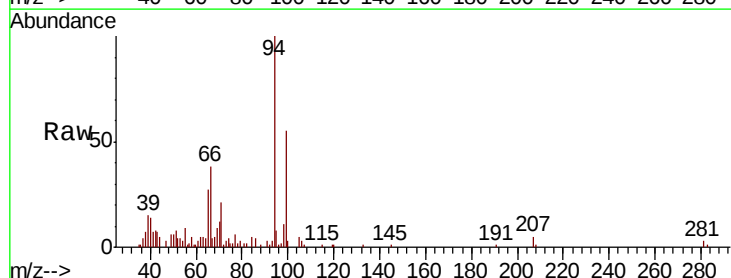
Tgt Ion: 94 Resp: 64219

Ion Ratio Lower Upper

94 100

65 27.2 21.4 32.2

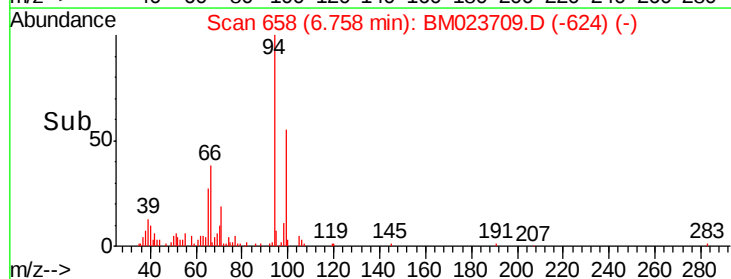
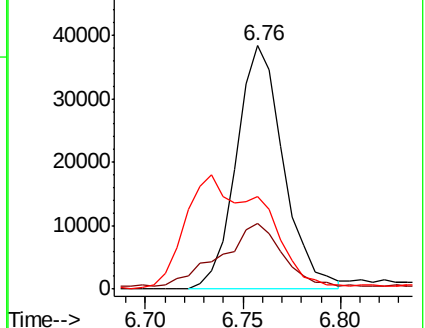
66 37.9 30.7 46.1

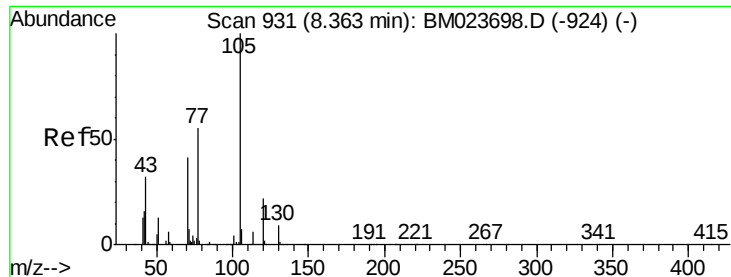


Abundance Ion 94.00 (93.70 to 94.70): BM023698.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023698.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023698.D (-651) (-)





#14

Acetophenone

Concen: 1.697 ng/ul

RT: 8.36 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

Instrument :

BNA\_M

ClientSampleId :

JLM98

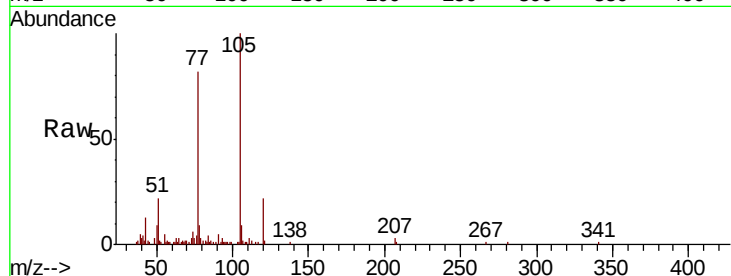
Tot Ion:105 Resp: 98809

Ion Ratio Lower Upper

105 100

77 81.7 63.8 95.6

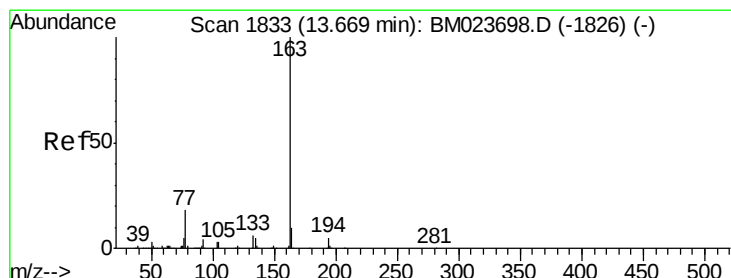
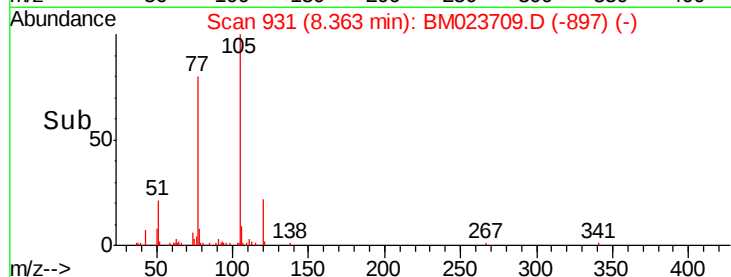
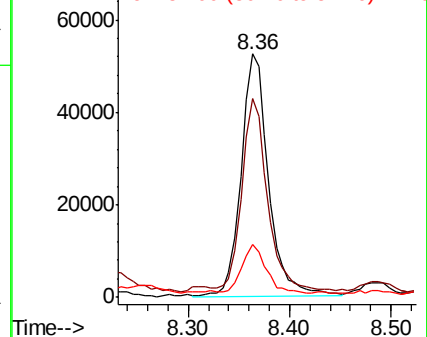
51 21.7 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 3.979 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

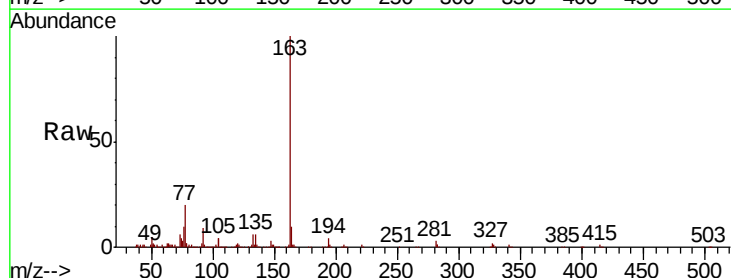
Tgt Ion:163 Resp: 442371

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

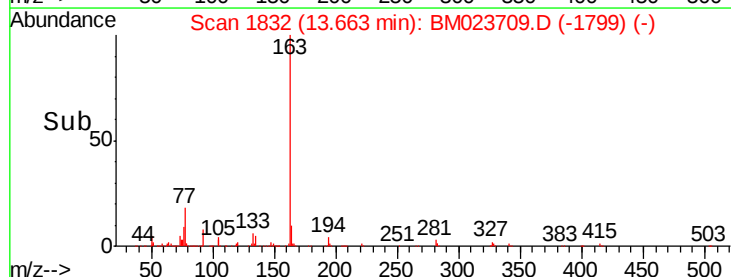
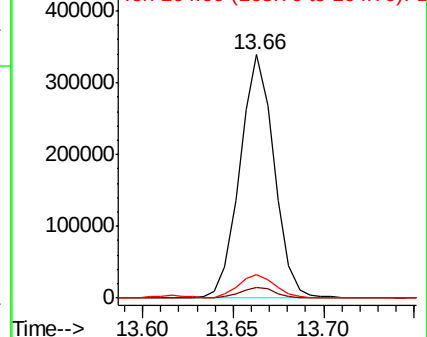
164 9.8 8.0 12.0

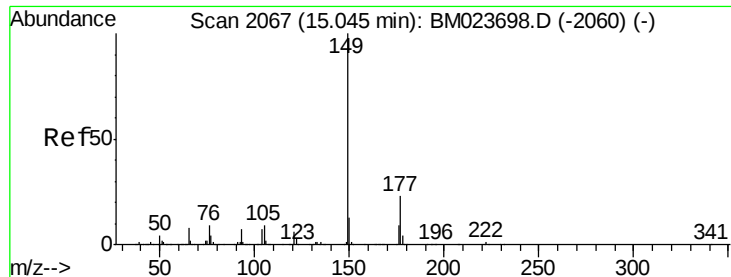


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

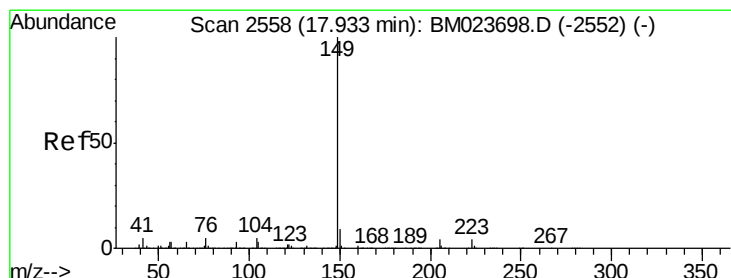
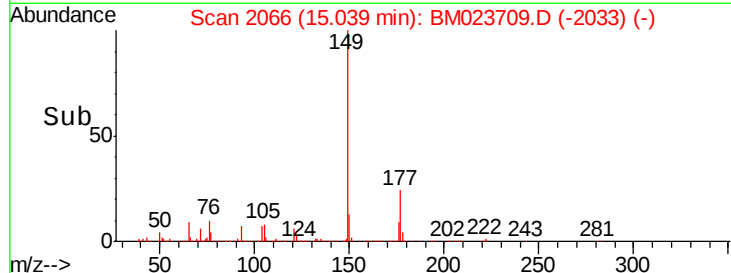
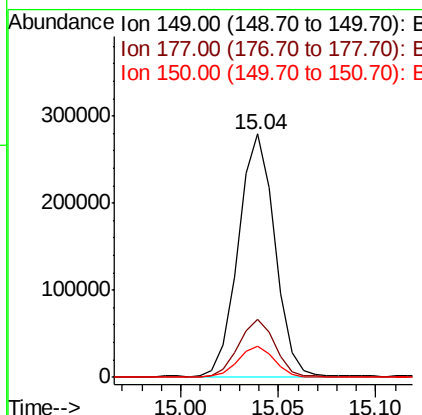
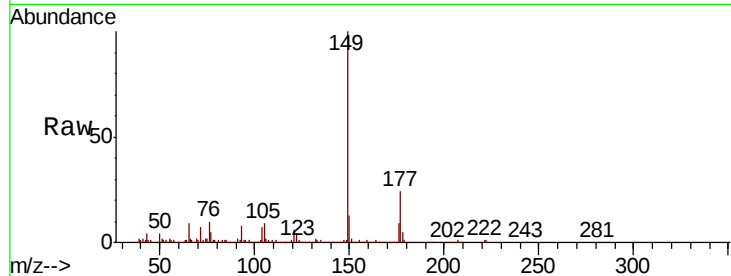




#57  
Diethylphthalate  
Concen: 3.293 ng/ul  
RT: 15.04 min Scan# 2066  
Delta R.T. -0.01 min  
Lab File: BM023709.D  
Acq: 13 Nov 2019 22:31

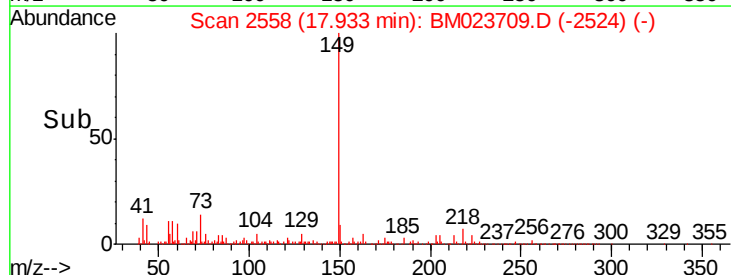
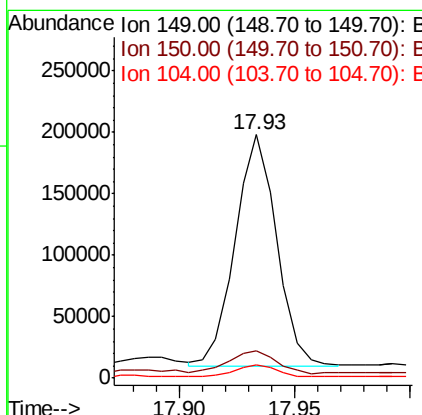
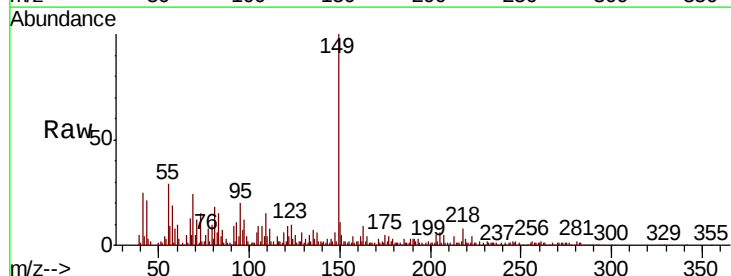
Instrument :  
BNA\_M  
ClientSampleId :  
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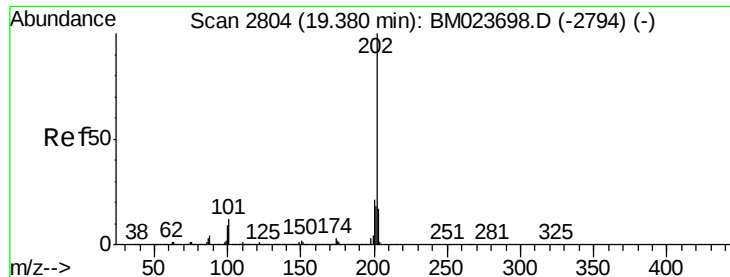
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 18.9  | 28.3  |
| 150     | 12.9  | 9.9   | 14.9  |



#76  
Di-n-butylphthalate  
Concen: 1.729 ng/ul  
RT: 17.93 min Scan# 2558  
Delta R.T. 0.00 min  
Lab File: BM023709.D  
Acq: 13 Nov 2019 22:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.1  | 7.1   | 10.7# |
| 104     | 5.7   | 4.2   | 6.2   |





#80

Pvrene

Concen: 1.294 ng/ul

RT: 19.37 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

Instrument :

BNA\_M

ClientSampleId :

JLM98

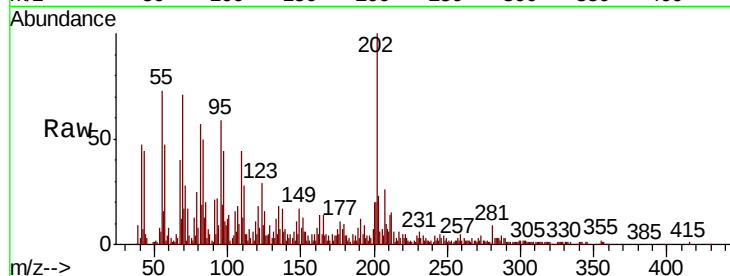
Tot Ion:202 Resp: 151508

Ion Ratio Lower Upper

202 100

101 13.9 9.8 14.6

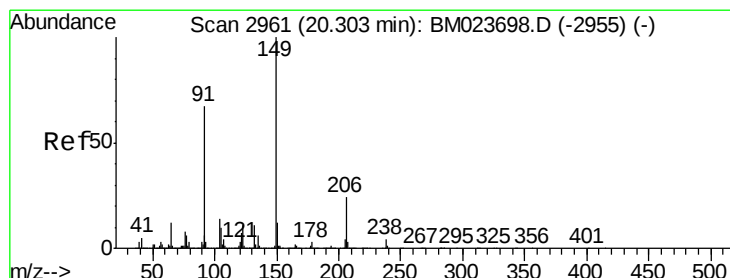
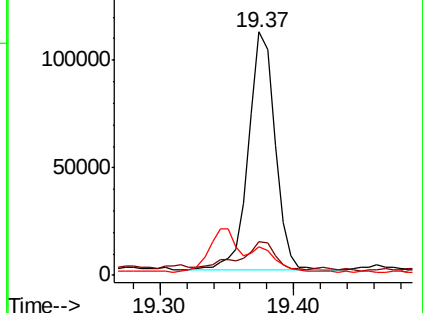
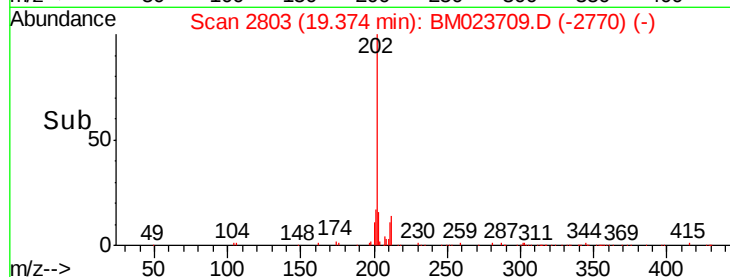
100 11.5 8.1 12.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 7.838 ng/ul

RT: 20.30 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

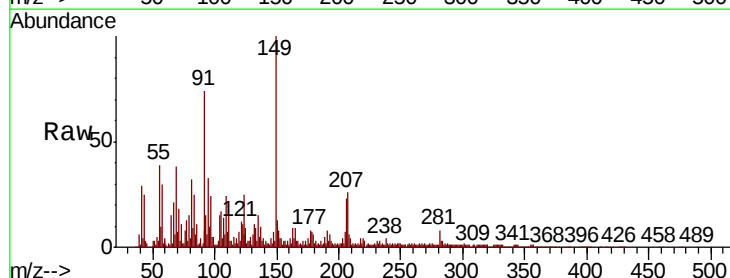
Tgt Ion:149 Resp: 290675

Ion Ratio Lower Upper

149 100

91 74.2 54.9 82.3

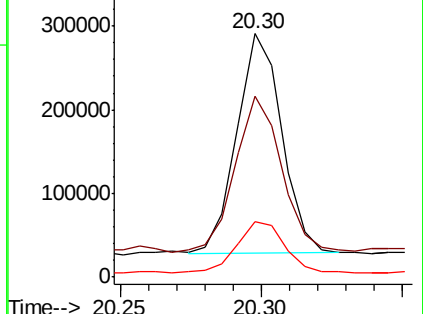
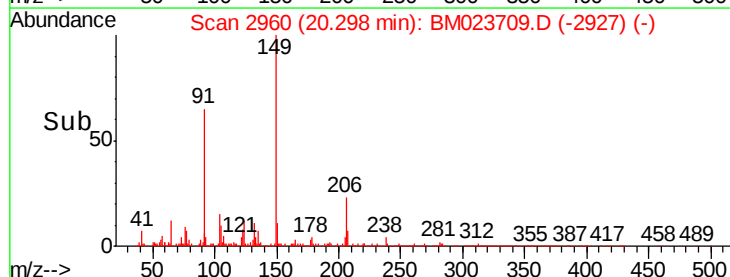
206 22.8 19.3 28.9

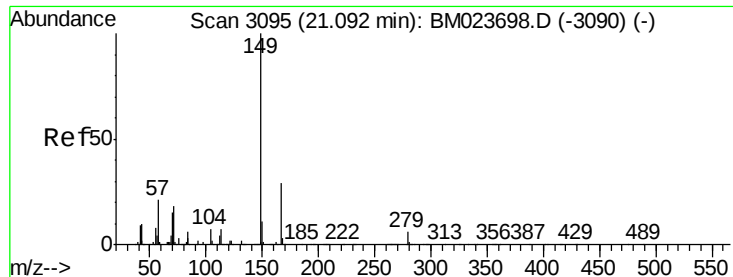


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.189 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

Instrument :

BNA\_M

ClientSampleId :

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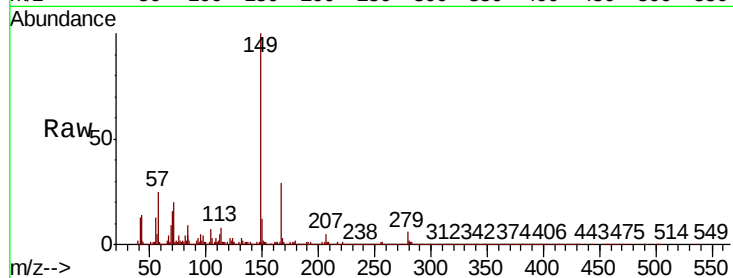
Tot Ion:149 Resp: 2810083

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.2

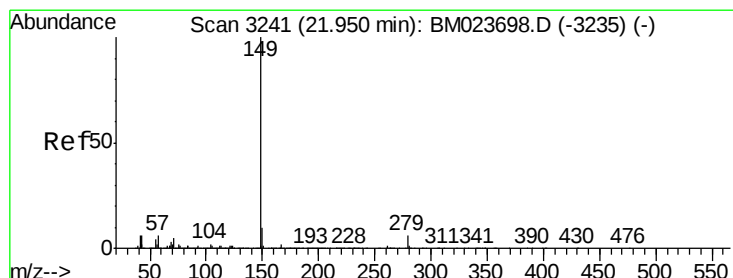
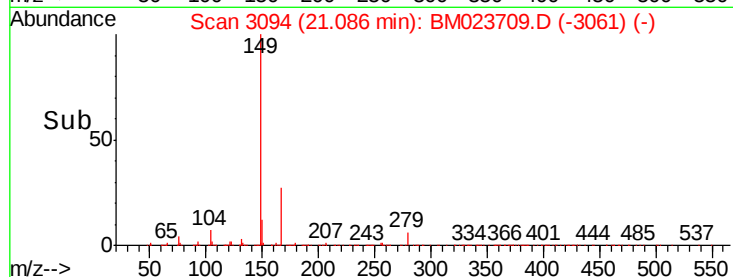
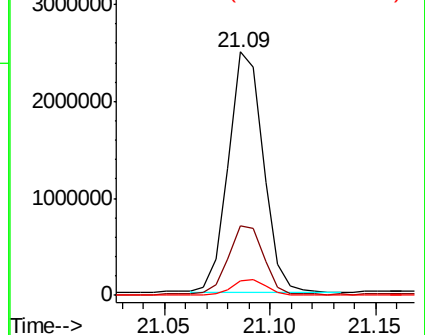
279 5.9 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Di-n-octyl phthalate

Concen: 1.122 ng/ul

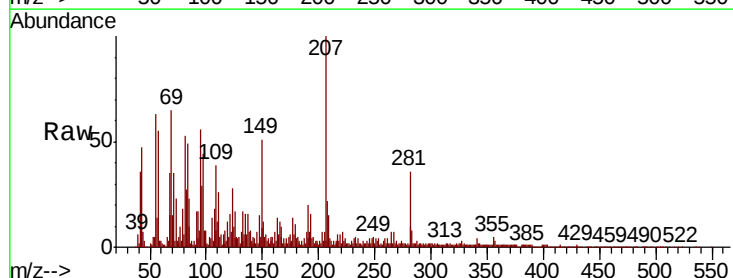
RT: 21.96 min Scan# 3242

Delta R.T. 0.01 min

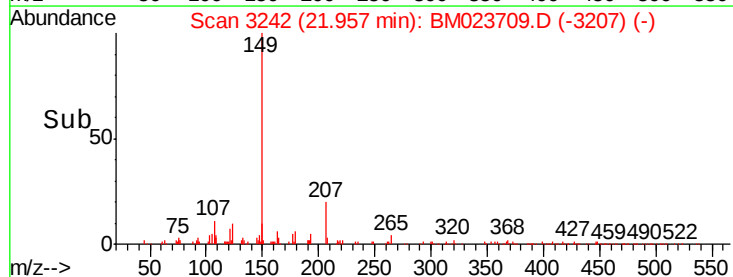
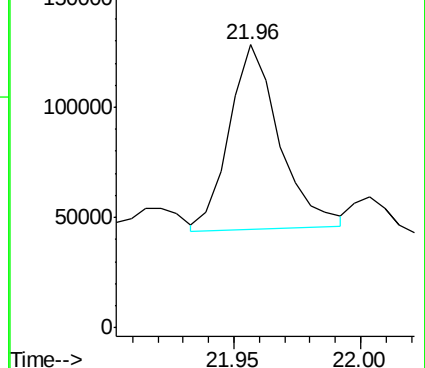
Lab File: BM023709.D

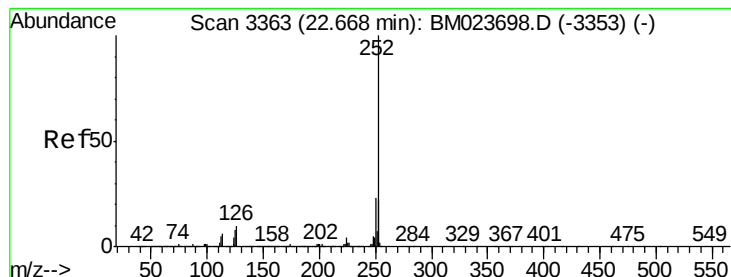
Acq: 13 Nov 2019 22:31

Tgt Ion:149 Resp: 114495



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 1.147 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM023709.D

Acq: 13 Nov 2019 22:31

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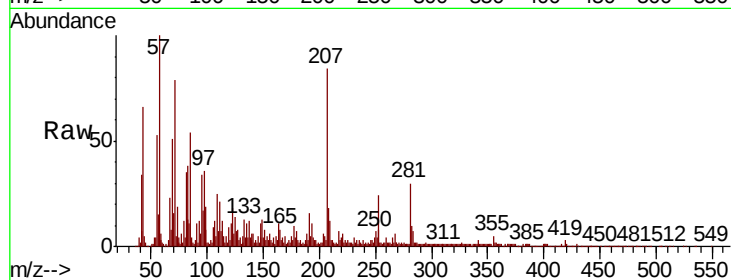
Tot Ion:252 Resp: 152624

Ion Ratio Lower Upper

252 100

253 34.1 17.8 26.8#

125 60.0 6.5 9.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

