

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\  
 Data File : BM023211.D  
 Acq On : 17 Oct 2019 08:38  
 Operator : JU  
 Sample : K5262-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFB76

Manual Integrations  
 APPROVED

mohammad  
 10/18/2019 8:27:44 AM

Quant Time: Oct 17 15:52:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 17 12:33:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 467238   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1782516  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 989130   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 1823901  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.26 | 240  | 1916308  | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.48 | 264  | 2336967  | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 42540   | 4.01  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.84  | 99  | 668764  | 16.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 465043  | 20.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 599934  | 19.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 548256  | 16.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 292955  | 24.29 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 312671  | 27.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 538362  | 18.44 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 180576  | 5.08  | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 1576967 | 20.80 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 1892264 | 21.28 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 129000  | 10.51 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.31 | 176 | 1312096 | 20.32 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 90639   | 12.53 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.16 | 188 | 1915979 | 21.79 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.46 | 212 | 2037619 | 21.96 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 23.34 | 264 | 2520791 | 21.28 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |          |        | Ovalue    |
|--------------------------------|-------|-----|----------|--------|-----------|
| 6) Phenol                      | 6.87  | 94  | 186666   | 4.448  | ng/ul 98  |
| 14) Acetophenone               | 8.49  | 105 | 61282    | 1.203  | ng/ul 93  |
| 28) Naphthalene                | 10.50 | 128 | 571998   | 6.208  | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.12 | 142 | 216390   | 3.156  | ng/ul 99  |
| 41) 1,1'-Biphenyl              | 13.14 | 154 | 102204   | 1.358  | ng/ul 94  |
| 45) Dimethylphthalate          | 13.77 | 163 | 515498   | 6.795  | ng/ul 100 |
| 48) Acenaphthylene             | 14.03 | 152 | 1824883  | 20.076 | ng/ul 99  |
| 50) Acenaphthene               | 14.37 | 153 | 297022   | 4.693  | ng/ul 99  |
| 54) Dibenzofuran               | 14.71 | 168 | 102181   | 1.137  | ng/ul 89  |
| 59) Fluorene                   | 15.36 | 166 | 306859   | 4.162  | ng/ul# 92 |
| 70) Phenanthrene               | 17.10 | 178 | 2661728  | 26.004 | ng/ul 99  |
| 72) Anthracene                 | 17.19 | 178 | 1394298  | 13.182 | ng/ul 99  |
| 75) Carbazole                  | 17.46 | 167 | 120121   | 1.271  | ng/ul# 90 |
| 76) Di-n-butylphthalate        | 18.04 | 149 | 218058   | 1.939  | ng/ul# 93 |
| 77) Fluoranthene               | 19.12 | 202 | 5371063  | 44.121 | ng/ul 99  |
| 80) Pyrene                     | 19.49 | 202 | 6981768  | 58.158 | ng/ul 100 |
| 81) Butylbenzylphthalate       | 20.41 | 149 | 207410   | 4.968  | ng/ul# 95 |
| 83) Benzo(a)anthracene         | 21.24 | 228 | 5315991m | 40.941 | ng/ul 98  |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 1934861  | 29.143 | ng/ul 98  |
| 85) Chrysene                   | 21.29 | 228 | 5510092  | 45.702 | ng/ul 95  |
| 88) Benzo(b)fluoranthene       | 22.82 | 252 | 7967001  | 56.228 | ng/ul 98  |
| 89) Benzo(k)fluoranthene       | 22.86 | 252 | 2031187m | 14.929 | ng/ul 98  |
| 91) Benzo(a)pyrene             | 23.39 | 252 | 6747948  | 49.639 | ng/ul 98  |

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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFB76

Manual Integrations  
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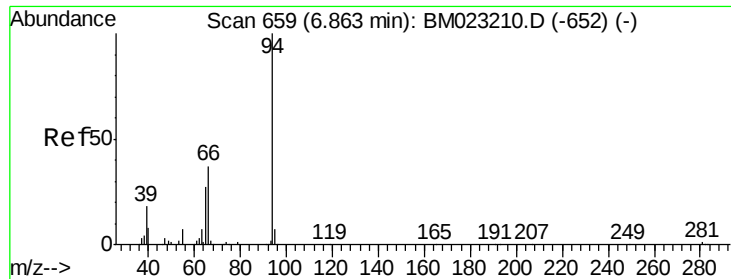
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10/18/2019 8:27:44 AM

Quant Time: Oct 17 15:52:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 17 12:33:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 92) Indeno(1,2,3-cd)pyrene | 25.71 | 276  | 5100641  | 31.540 | ng/ul | 98       |
| 93) Dibenzo(a,h)anthracene | 25.71 | 278  | 1608205  | 11.894 | ng/ul | 93       |
| 94) Benzo(q,h,i)perylene   | 26.39 | 276  | 4683437  | 35.174 | ng/ul | 99       |

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





#6

Phenol

Concen: 4.448 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

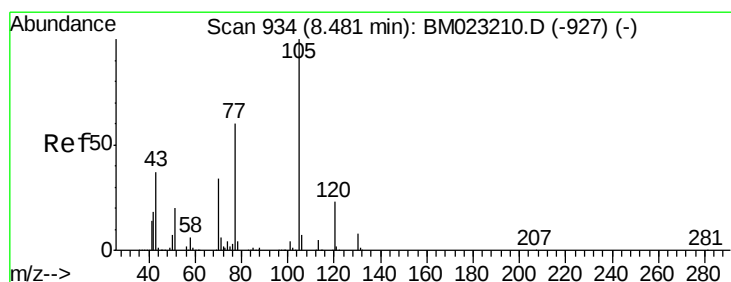
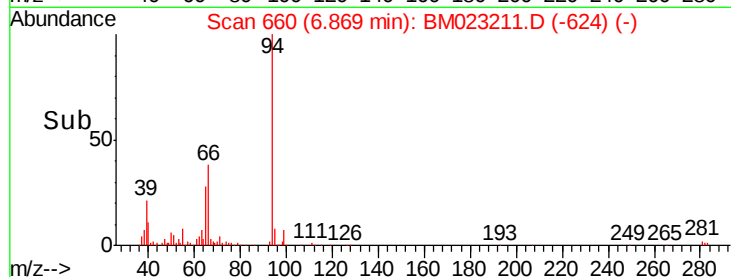
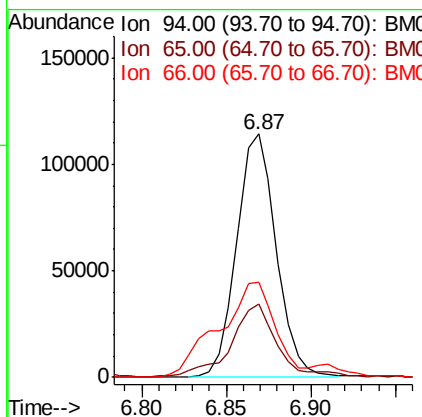
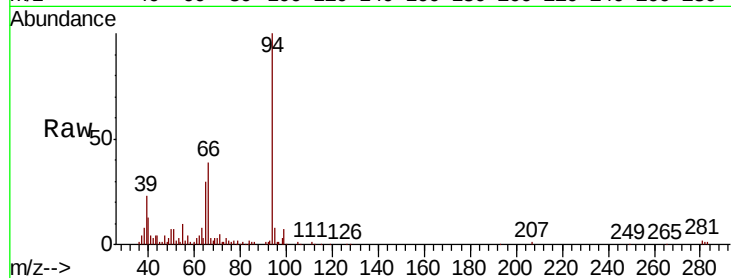
ClientSampleId :

BFB76

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 94    | Resp: | 186666 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.1  | 23.7  | 35.5   |
| 66       | 39.0  | 32.9  | 49.3   |

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#14

Acetophenone

Concen: 1.203 ng/ul

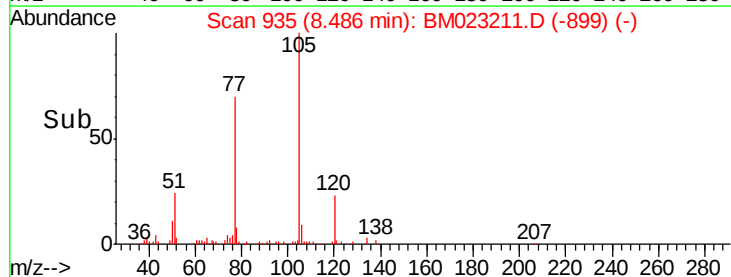
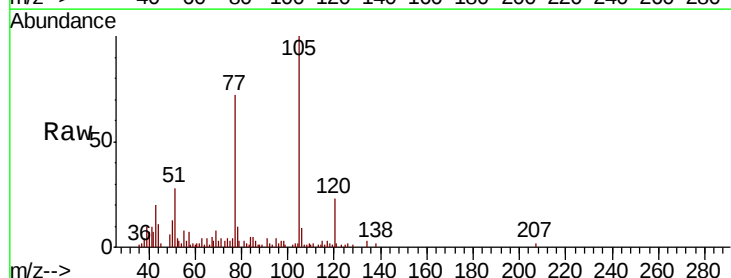
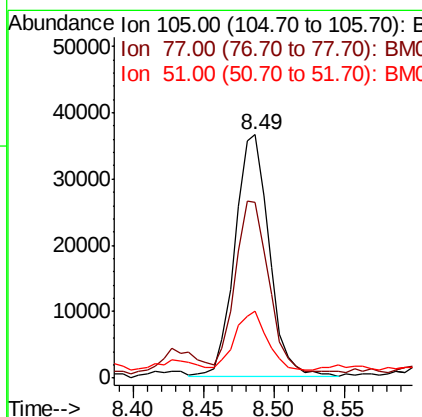
RT: 8.49 min Scan# 935

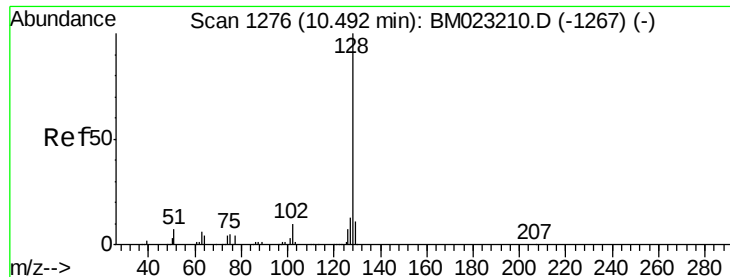
Delta R.T. 0.01 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 61282 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 77       | 72.3  | 63.9  | 95.9  |
| 51       | 27.6  | 21.6  | 32.4  |





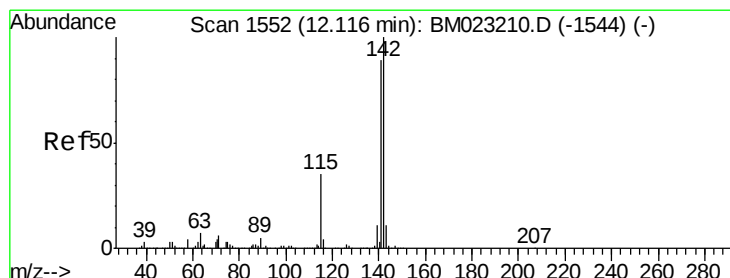
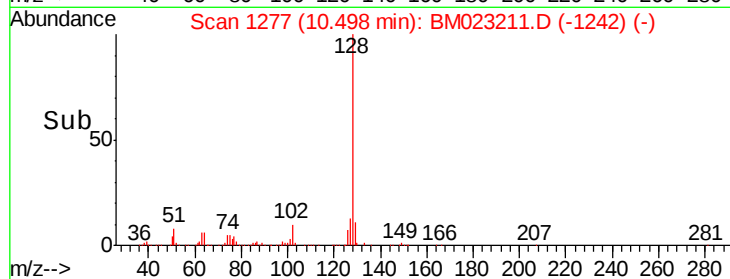
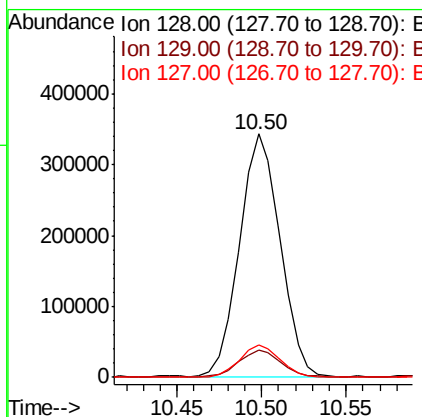
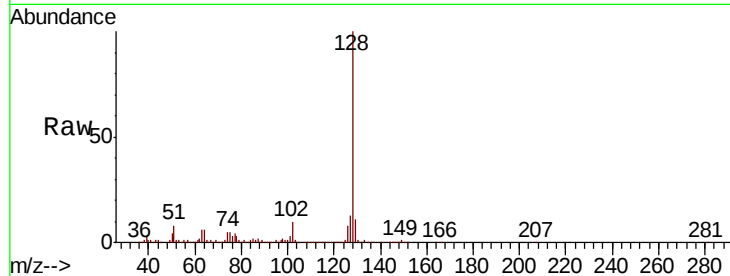
#28  
Naphthalene  
Concen: 6.208 ng/ul  
RT: 10.50 min Scan# 1277  
Delta R.T. 0.01 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

Instrument :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.3   | 12.5  |
| 127     | 13.5  | 10.2  | 15.4  |

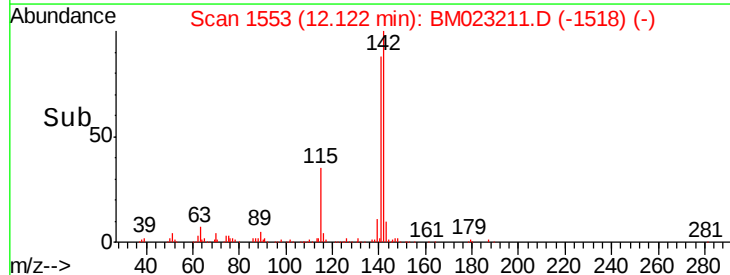
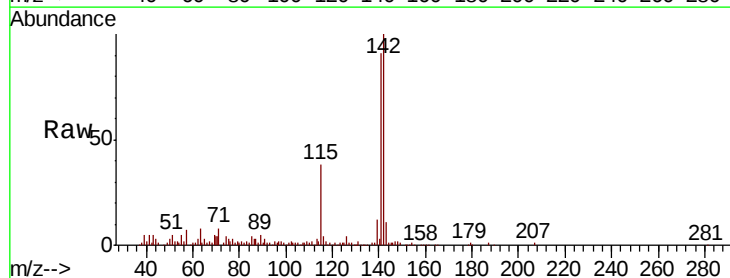
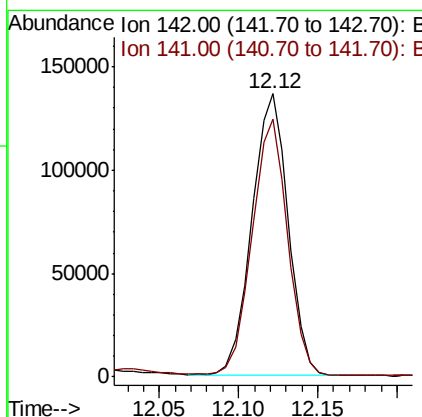
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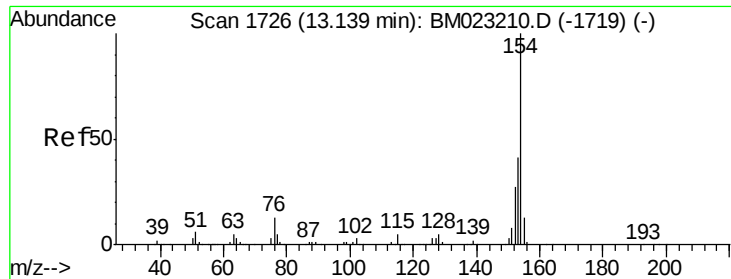
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#34  
2-Methylnaphthalene  
Concen: 3.156 ng/ul  
RT: 12.12 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 72.1  | 108.1 |





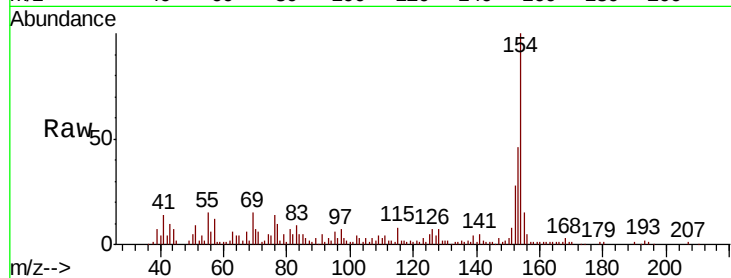
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1,1'-Biphenyl  
Concen: 1.358 ng/ul  
RT: 13.14 min Scan# 1727  
Delta R.T. 0.01 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

Instrument :  
BNA\_M  
ClientSampleId :  
BFB76

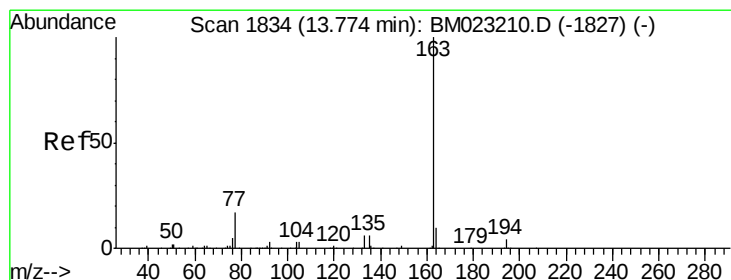
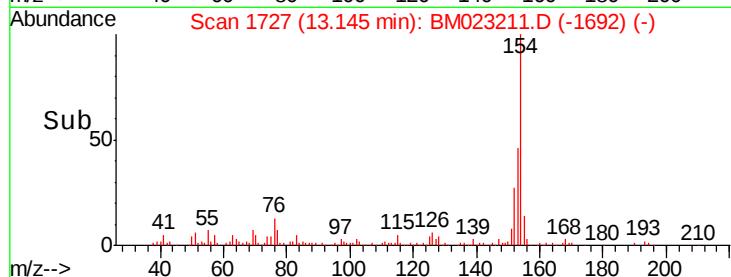
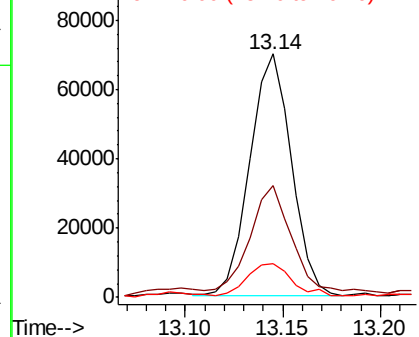
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 102204 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 46.0  | 33.1  | 49.7   |
| 76        | 13.7  | 10.6  | 15.8   |

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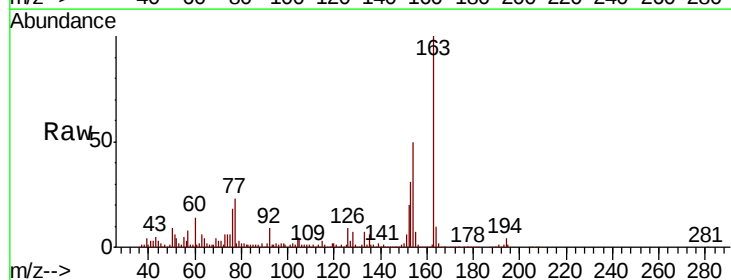


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BM

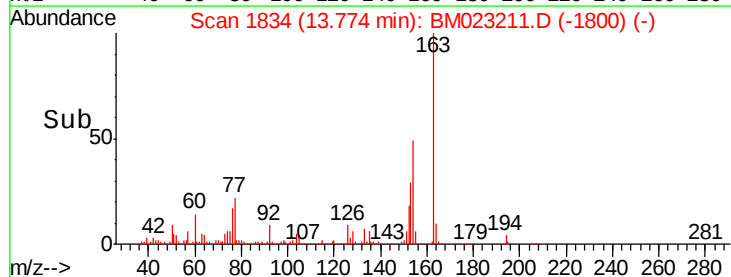
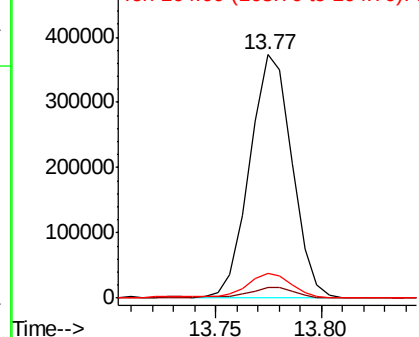


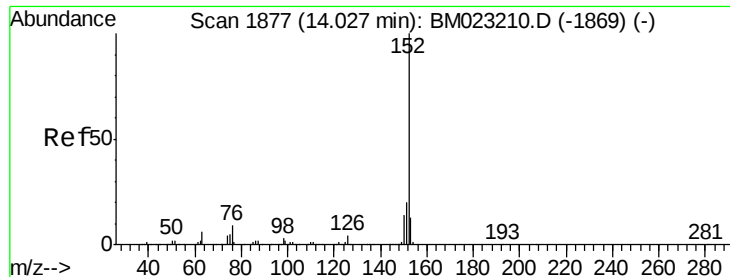
#45  
Dimethylphthalate  
Concen: 6.795 ng/ul  
RT: 13.77 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 515498 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.1   | 3.5   | 5.3    |
| 164       | 10.1  | 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





#48

Acenaphthylene

Concen: 20.076 ng/ul

RT: 14.03 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

ClientSampleId :

BFB76

Tot Ion:152 Resp: 1824883

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

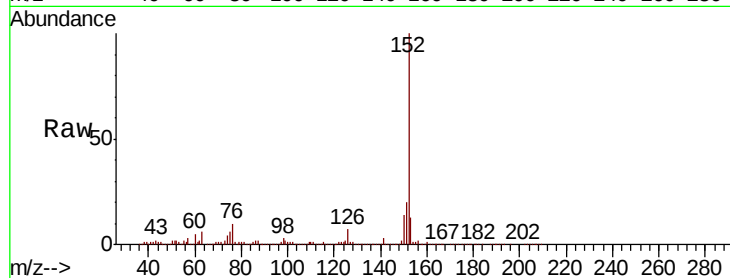
153 13.3 10.3 15.5

Manual Integrations

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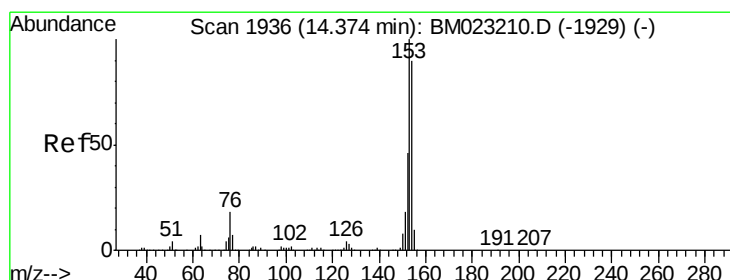
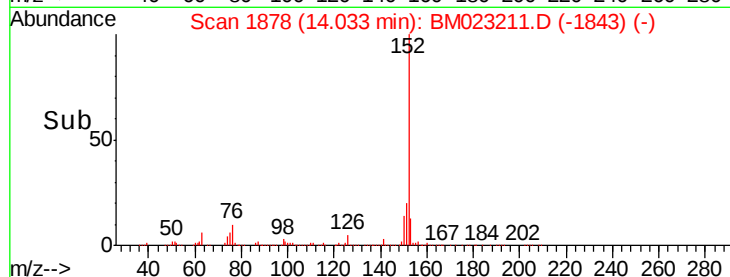
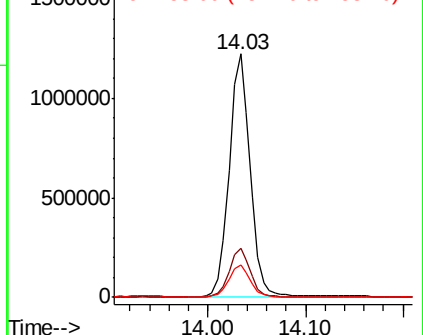


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 4.693 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

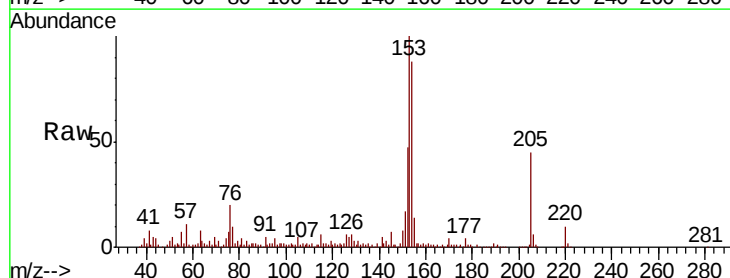
Tgt Ion:153 Resp: 297022

Ion Ratio Lower Upper

153 100

152 46.6 38.0 57.0

154 88.1 70.4 105.6

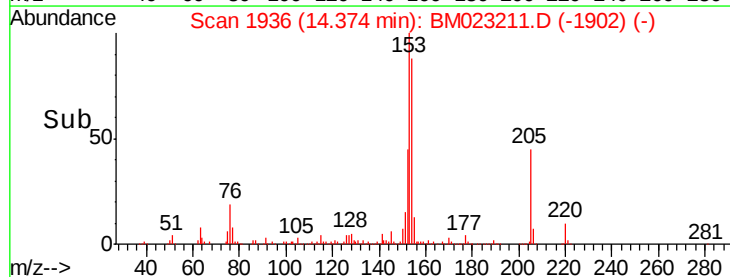
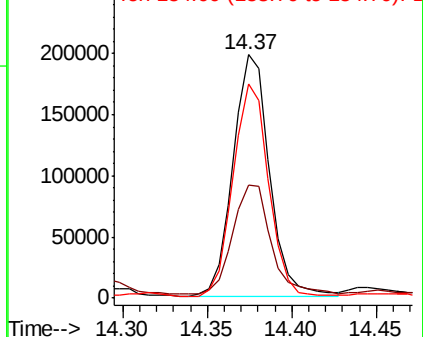


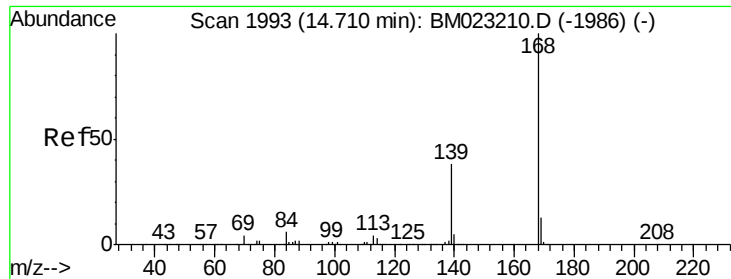
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 1.137 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

ClientSampled :

BFB76

Tot Ion:168 Resp: 102181

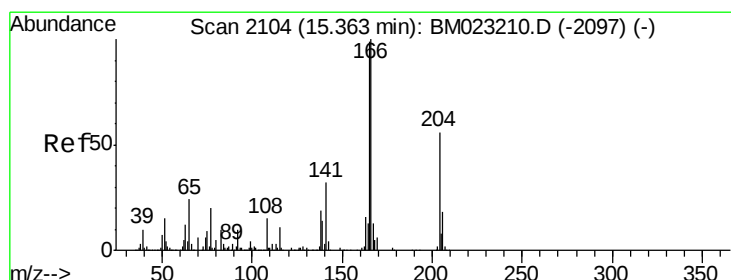
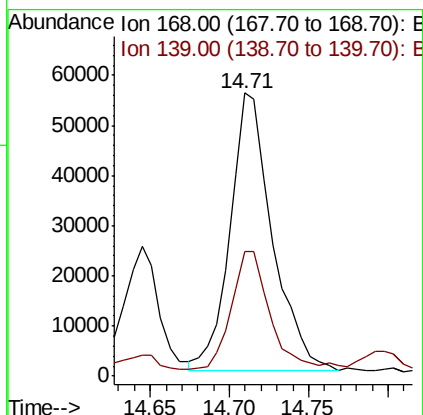
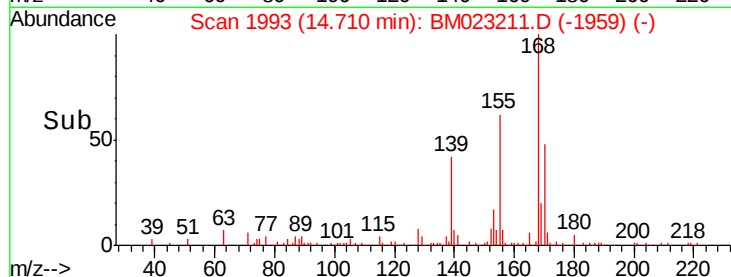
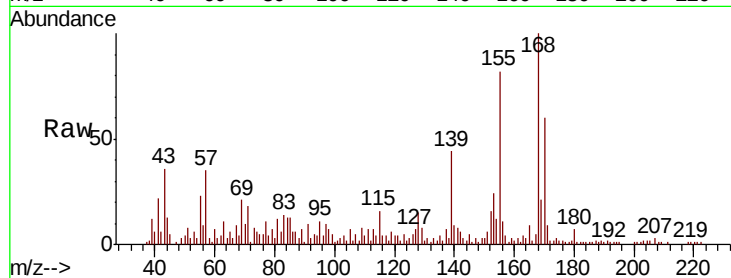
Ion Ratio Lower Upper

168 100

139 43.9 30.1 45.1

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#59

Fluorene

Concen: 4.162 ng/ul

RT: 15.36 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

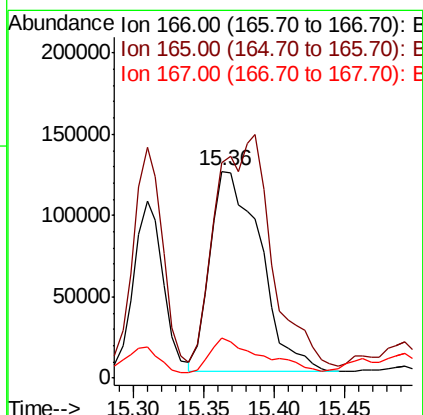
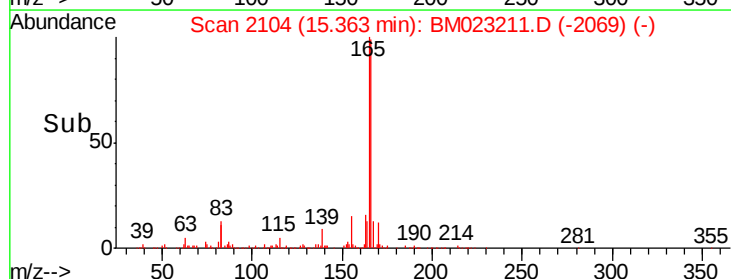
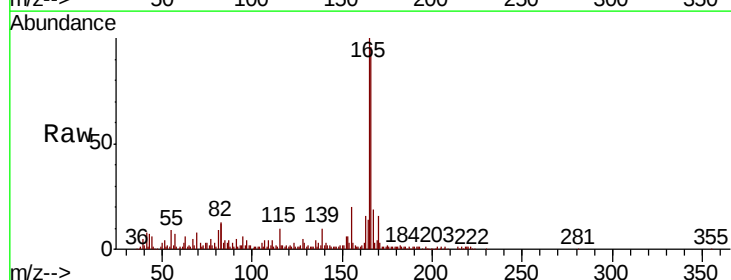
Tgt Ion:166 Resp: 306859

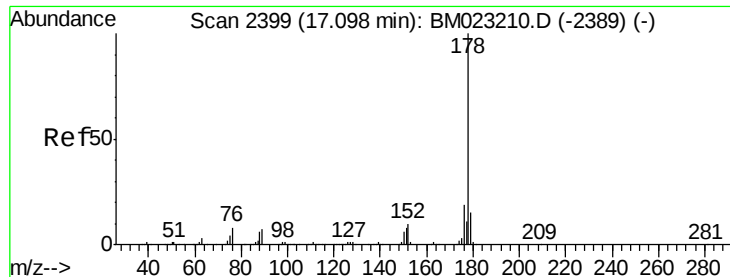
Ion Ratio Lower Upper

166 100

165 104.1 77.4 116.0

167 19.5 10.8 16.2#





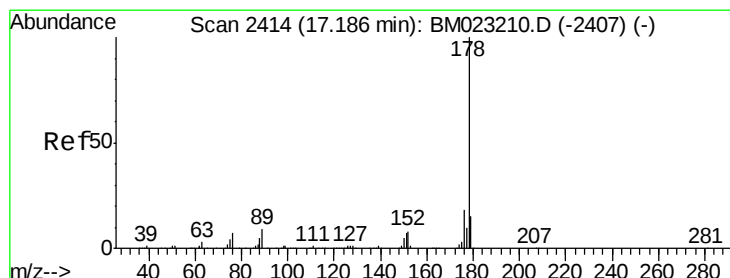
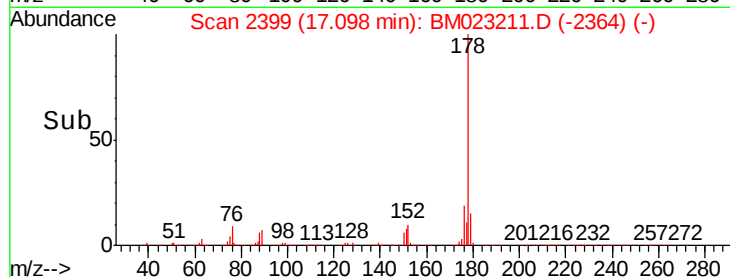
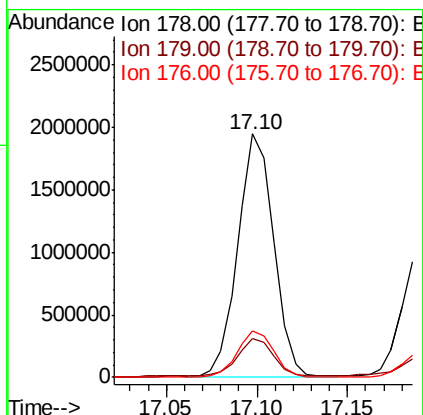
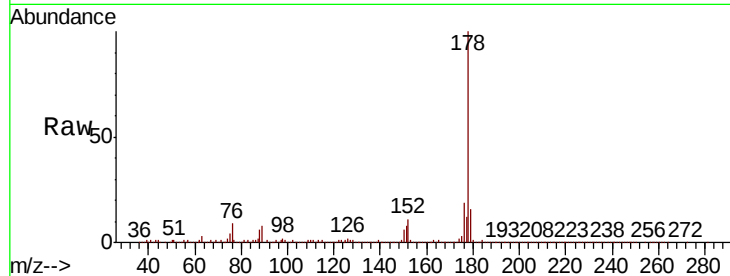
#70  
Phenanthrene  
Concen: 26.004 ng/ul  
RT: 17.10 min Scan# 2399  
Delta R.T. 0.01 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

Instrument :  
BNA\_M  
ClientSampleID :  
BFB76

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.7  | 12.3  | 18.5  |
| 176     | 19.0  | 15.5  | 23.3  |

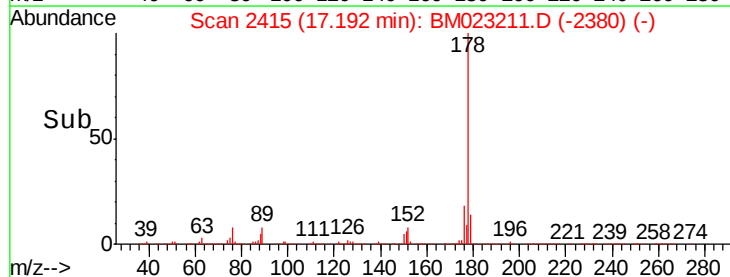
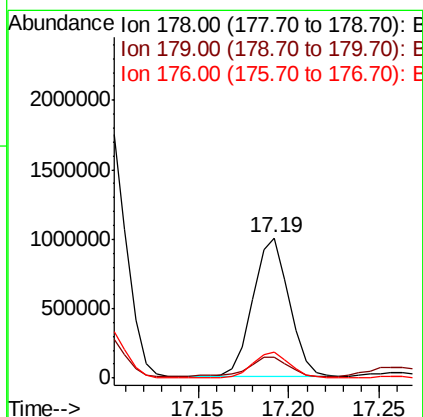
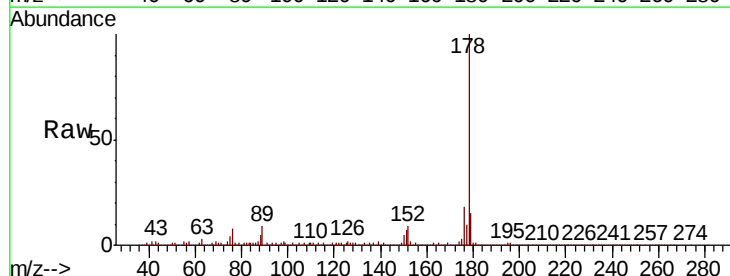
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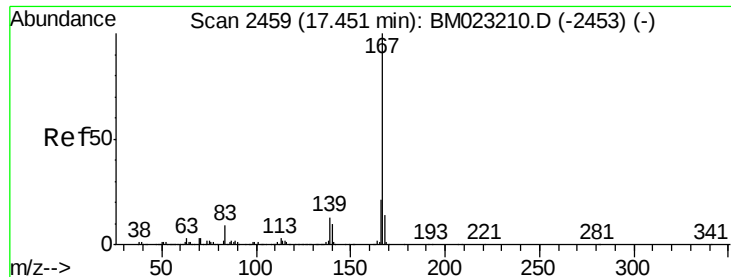
mohammad  
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#72  
Anthracene  
Concen: 13.182 ng/ul  
RT: 17.19 min Scan# 2415  
Delta R.T. 0.01 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.3  | 12.3  | 18.5  |
| 176     | 18.2  | 15.0  | 22.4  |





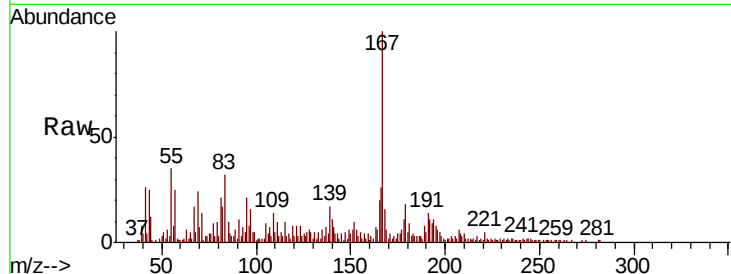
#75  
 Carbazole  
 Concen: 1.271 ng/ul  
 RT: 17.46 min Scan# 2460  
 Delta R.T. 0.01 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFB76

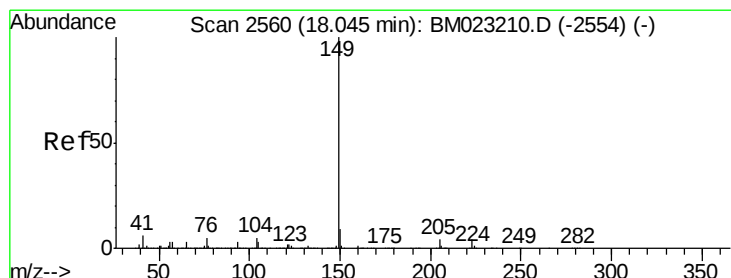
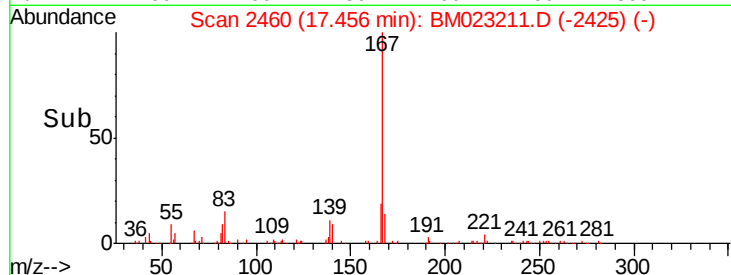
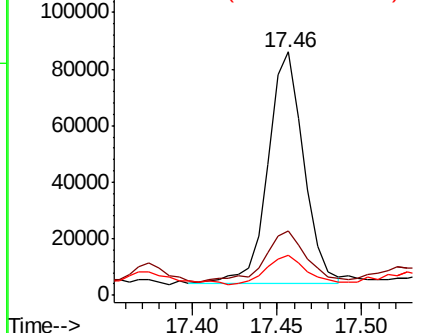
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 120121 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 26.4  | 17.4  | 26.0#  |
| 139       | 16.6  | 10.2  | 15.2#  |

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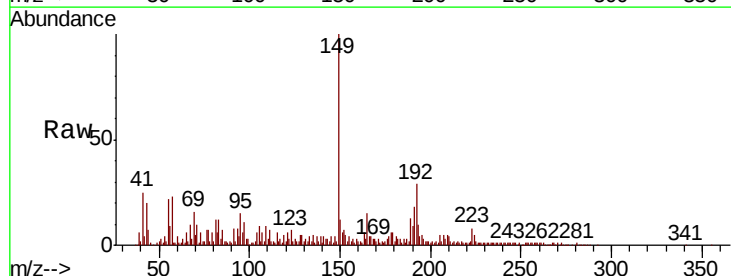


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

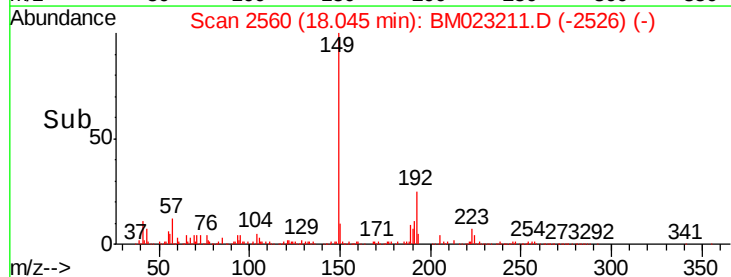
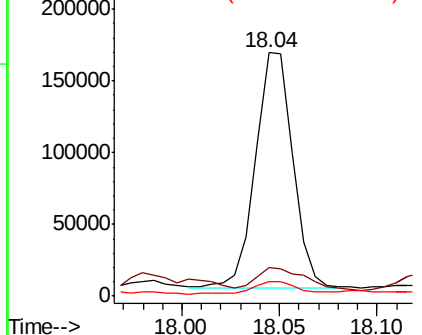


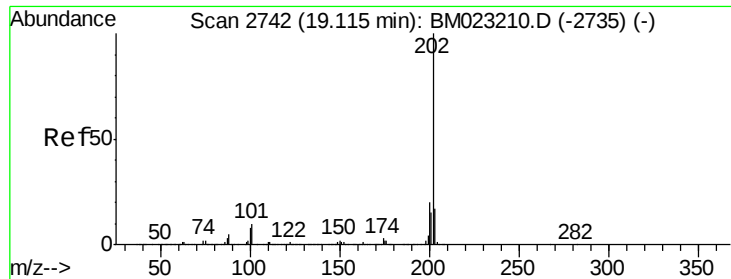
#76  
 Di-n-butylphthalate  
 Concen: 1.939 ng/ul  
 RT: 18.04 min Scan# 2560  
 Delta R.T. -0.00 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 218058 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 12.0  | 7.0   | 10.4#  |
| 104       | 6.0   | 4.0   | 6.0    |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





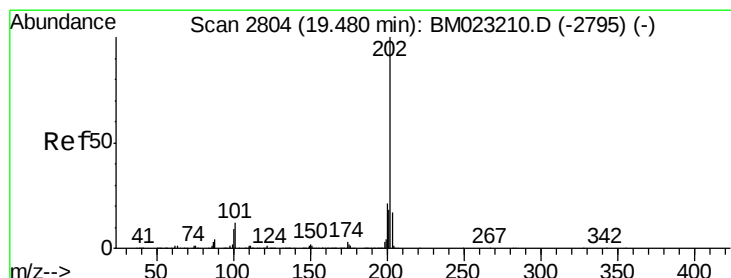
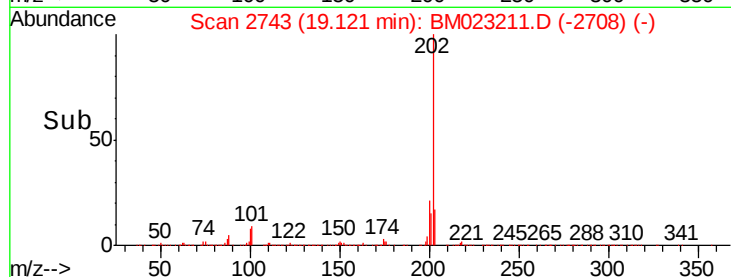
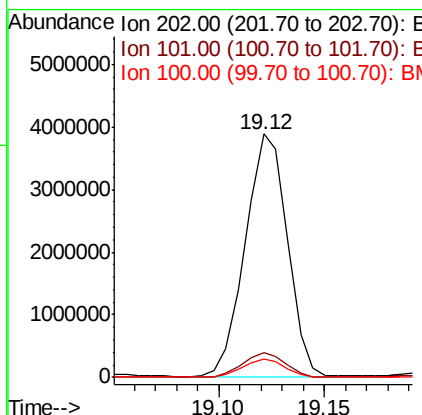
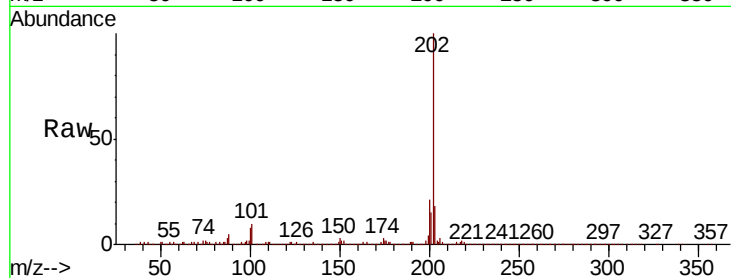
#77  
 Fluoranthene  
 Concen: 44.121 ng/ul  
 RT: 19.12 min Scan# 2743  
 Delta R.T. 0.01 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFB76

Tot Ion:202 Resp: 5371063  
 Ion Ratio Lower Upper  
 202 100  
 101 10.1 7.8 11.8  
 100 7.7 6.1 9.1

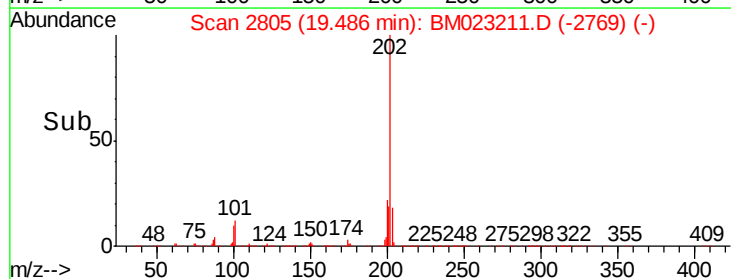
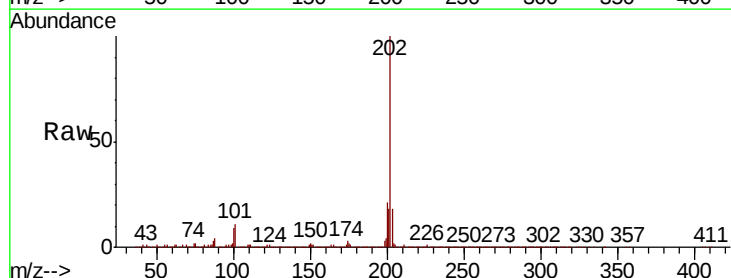
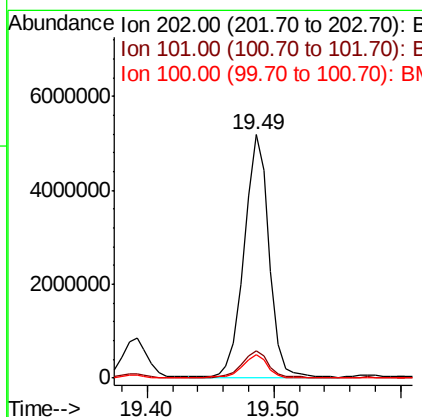
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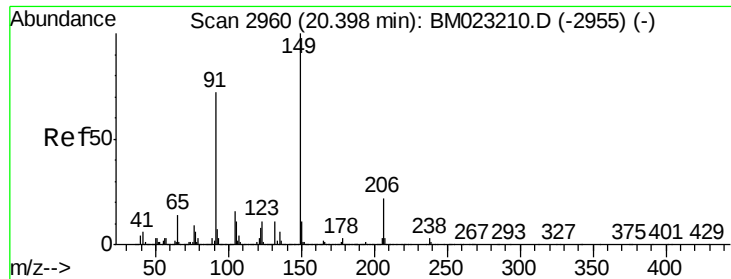
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#80  
 Pyrene  
 Concen: 58.158 ng/ul  
 RT: 19.49 min Scan# 2805  
 Delta R.T. 0.01 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

Tgt Ion:202 Resp: 6981768  
 Ion Ratio Lower Upper  
 202 100  
 101 11.4 9.1 13.7  
 100 9.5 7.5 11.3





#81

Butylbenzylphthalate

Concen: 4.968 ng/ul

RT: 20.41 min Scan# 2962

Delta R.T. 0.01 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

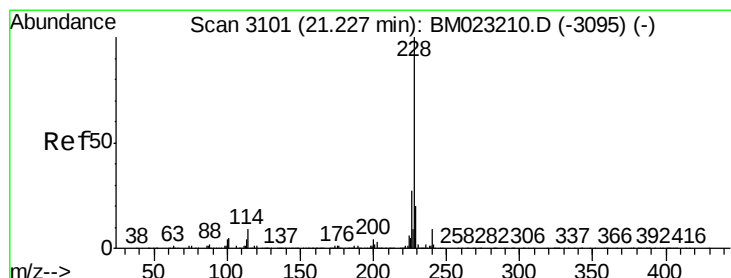
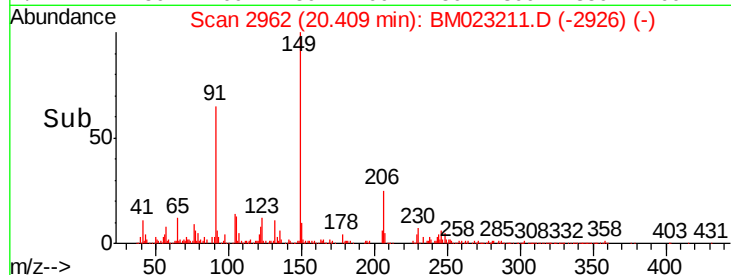
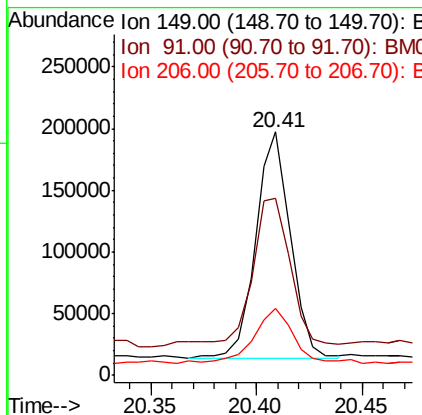
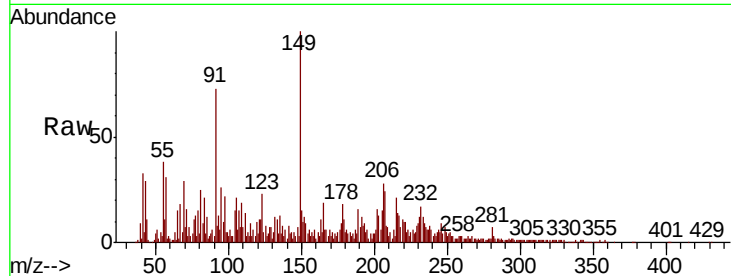
ClientSampled :

BFB76

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 207410 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 73.0  | 59.9  | 89.9   |
| 206       | 27.7  | 17.1  | 25.7#  |

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#83

Benzo(a)anthracene

Concen: 40.941 ng/ul m

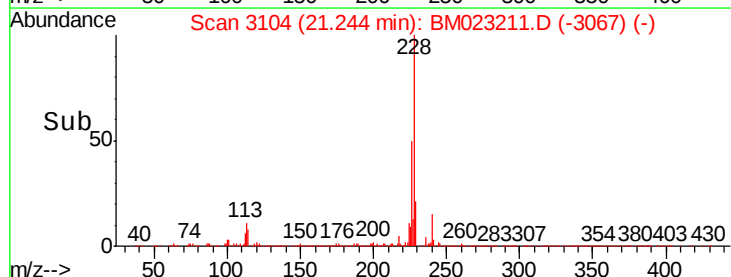
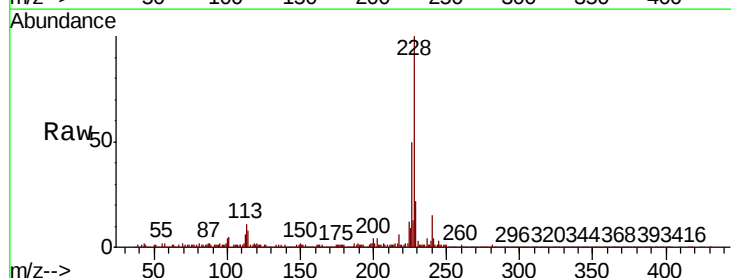
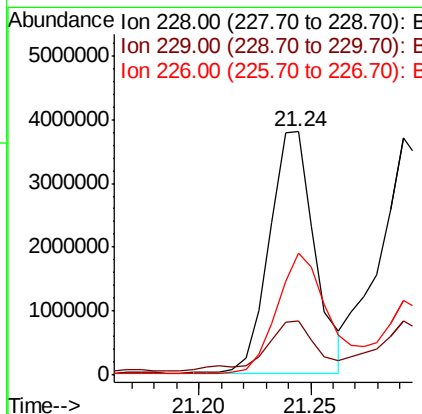
RT: 21.24 min Scan# 3104

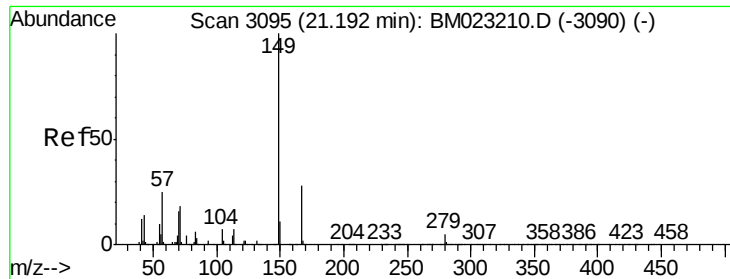
Delta R.T. 0.02 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 5315991 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 229       | 22.3  | 15.7  | 23.5    |
| 226       | 50.1  | 21.6  | 32.4#   |





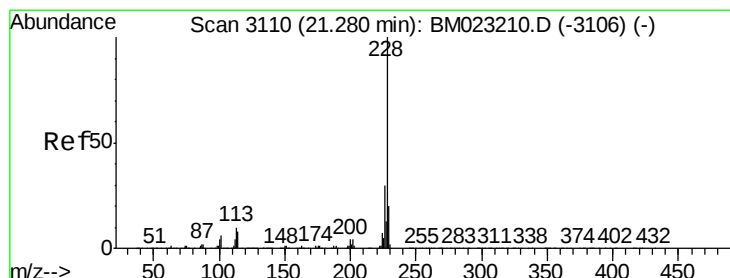
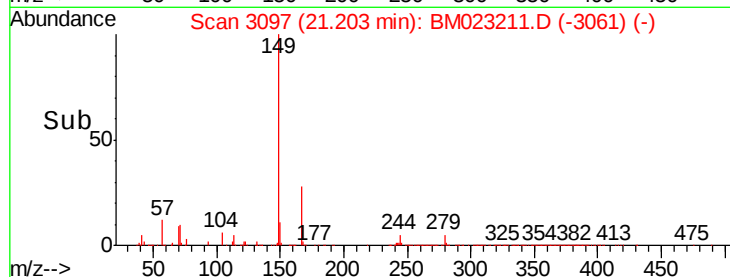
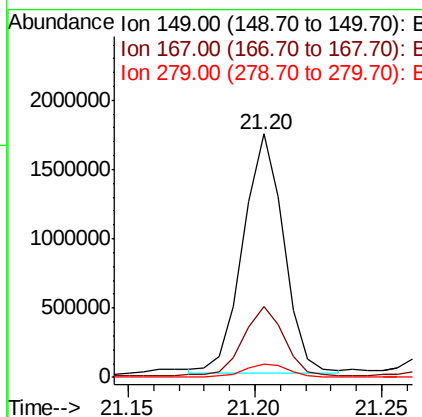
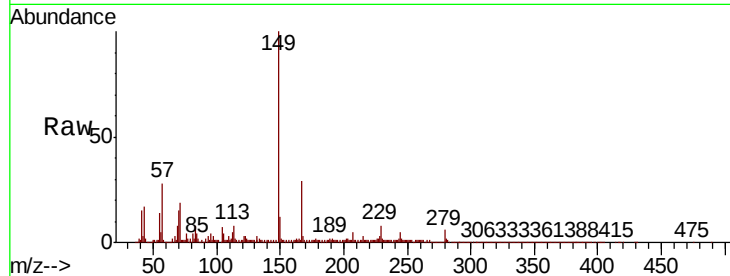
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 29.143 ng/ul  
 RT: 21.20 min Scan# 3097  
 Delta R.T. 0.01 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFB76

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.0  | 22.5  | 33.7  |
| 279     | 5.6   | 4.0   | 6.0   |

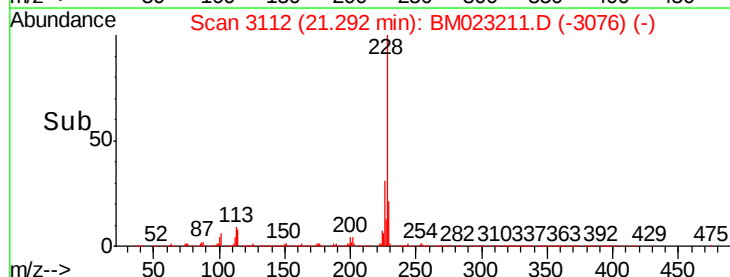
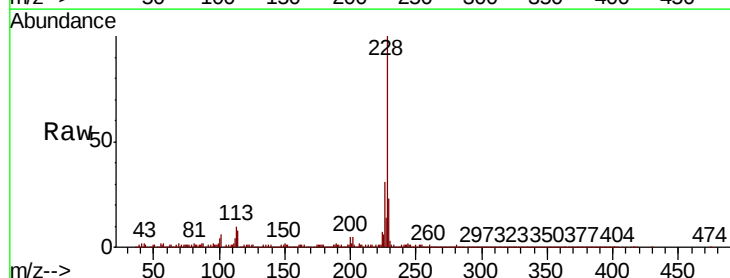
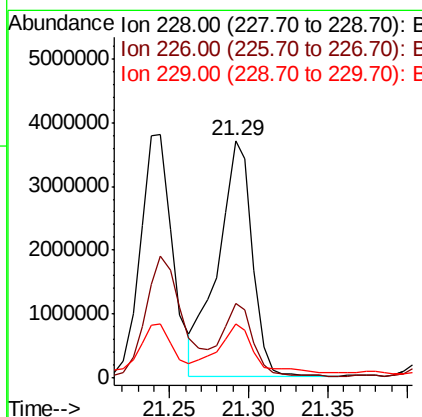
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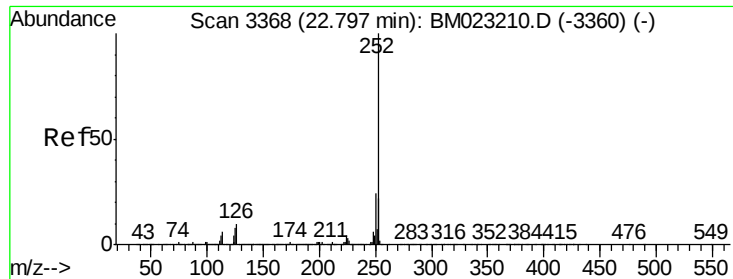
mohammad  
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#85  
 Chrysene  
 Concen: 45.702 ng/ul  
 RT: 21.29 min Scan# 3112  
 Delta R.T. 0.01 min  
 Lab File: BM023211.D  
 Acq: 17 Oct 2019 08:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 23.8  | 35.6  |
| 229     | 22.6  | 15.5  | 23.3  |





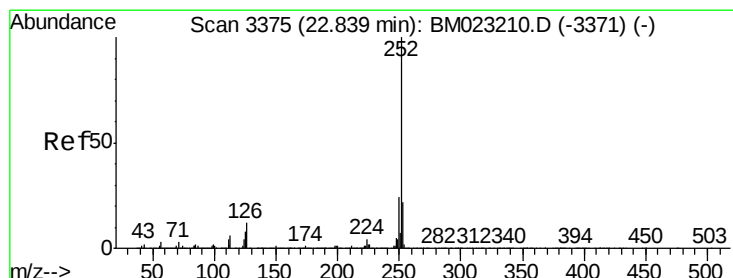
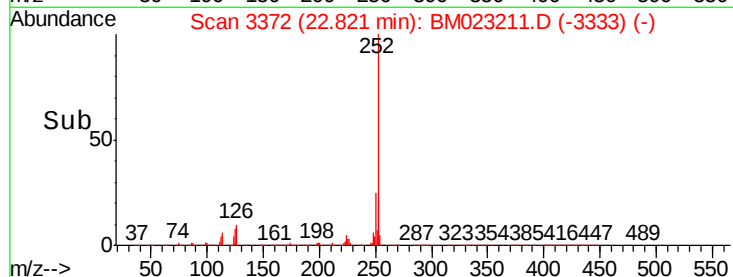
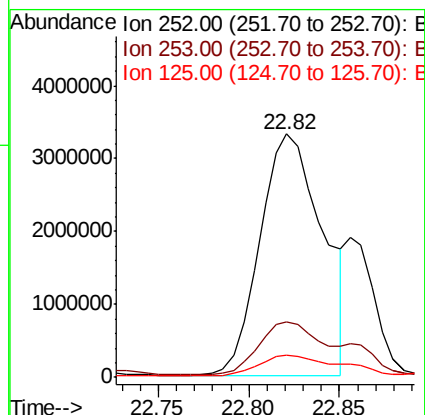
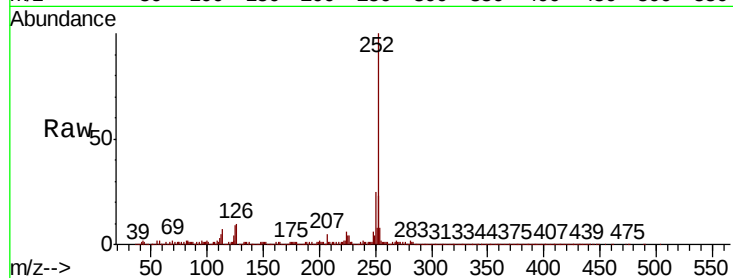
#88  
Benzo(b)fluoranthene  
Concen: 56.228 ng/ul  
RT: 22.82 min Scan# 3372  
Delta R.T. 0.03 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

Instrument :  
BNA\_M  
ClientSampleId :  
BFB76

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.6  | 26.4  |
| 125     | 8.9   | 6.4   | 9.6   |

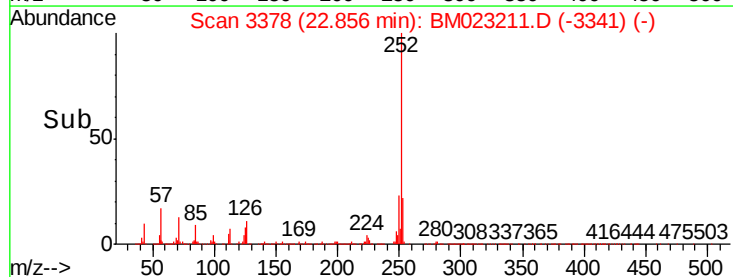
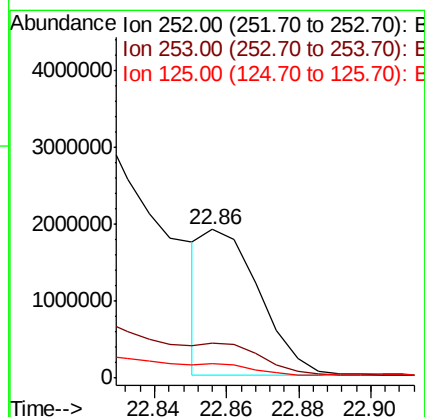
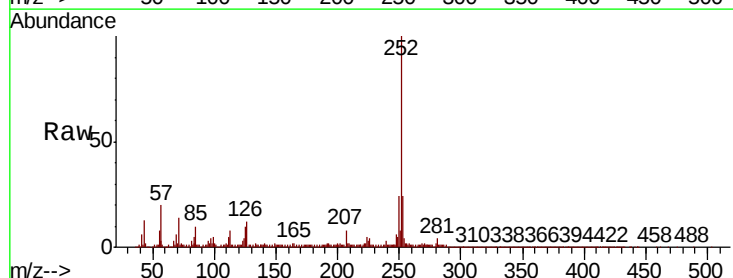
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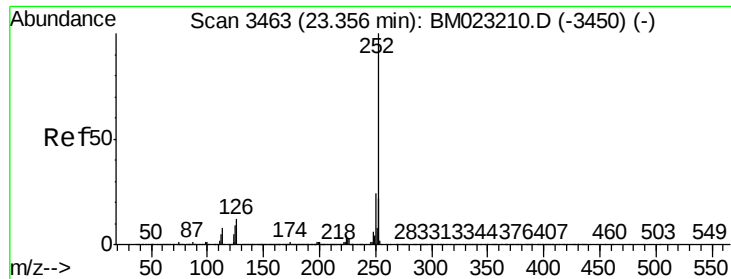
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#89  
Benzo(k)fluoranthene  
Concen: 14.929 ng/ul m  
RT: 22.86 min Scan# 3378  
Delta R.T. 0.02 min  
Lab File: BM023211.D  
Acq: 17 Oct 2019 08:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 17.4  | 26.0  |
| 125     | 9.6   | 6.5   | 9.7   |





#91

Benzo(a)pyrene

Concen: 49.639 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. 0.03 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

ClientSampleId :

BFB76

Tot Ion:252 Resp: 6747948

Ion Ratio Lower Upper

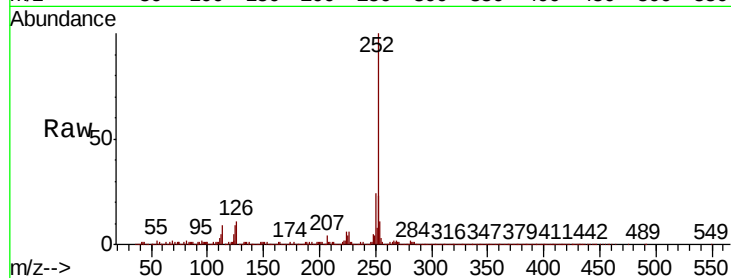
252 100

253 22.9 17.2 25.8

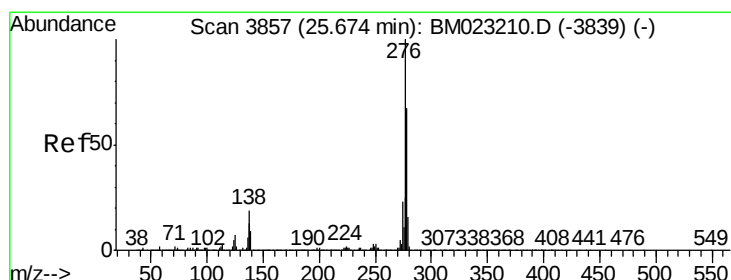
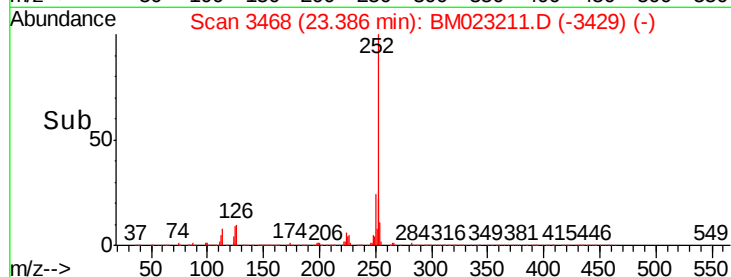
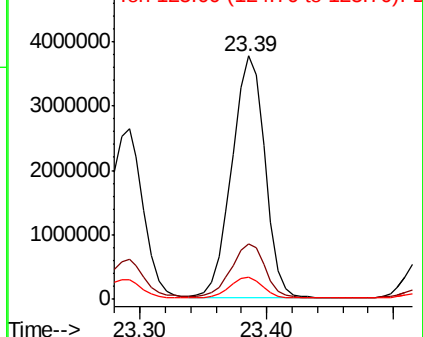
125 9.0 7.4 11.0

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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



#92

Indeno(1,2,3-cd)pyrene

Concen: 31.540 ng/ul

RT: 25.71 min Scan# 3864

Delta R.T. 0.05 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

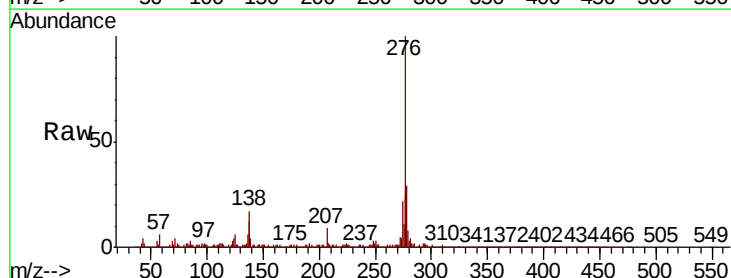
Tgt Ion:276 Resp: 5100641

Ion Ratio Lower Upper

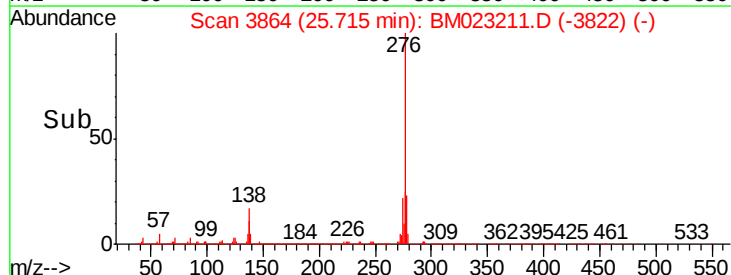
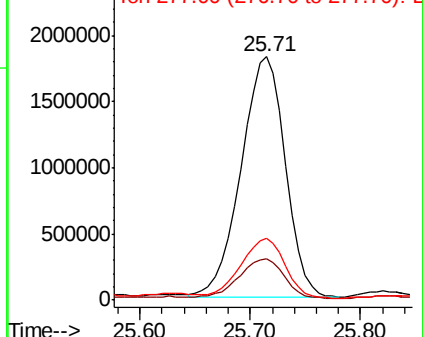
276 100

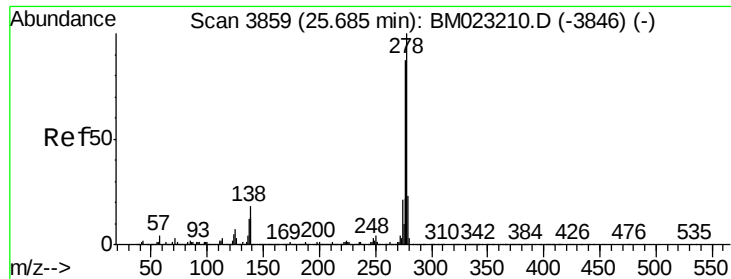
138 17.1 14.9 22.3

277 25.2 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 11.894 ng/ul

RT: 25.71 min Scan# 3864

Delta R.T. 0.03 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

Instrument :

BNA\_M

ClientSampleId :

BFB76

Tot Ion:278 Resp: 1608205

Ion Ratio Lower Upper

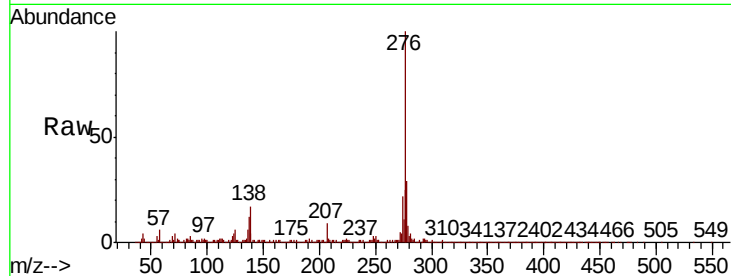
278 100

139 14.9 10.0 15.0

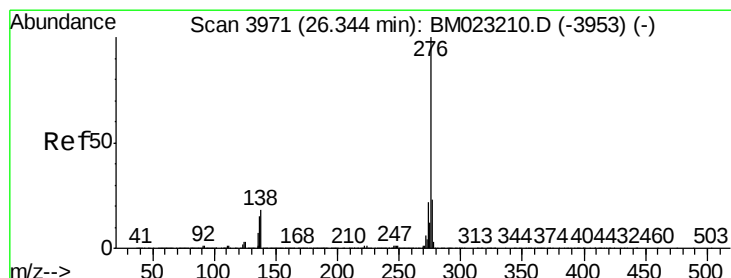
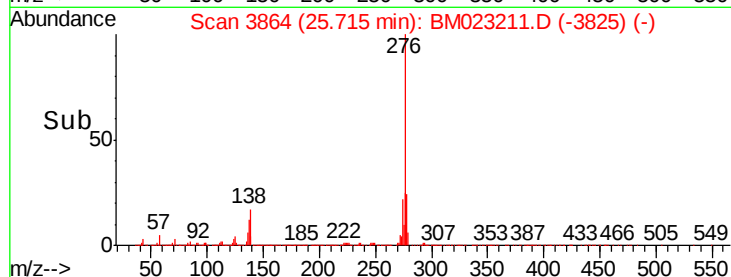
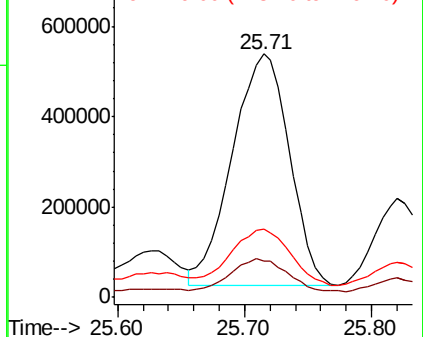
279 27.8 19.4 29.0

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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 35.174 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. 0.05 min

Lab File: BM023211.D

Acq: 17 Oct 2019 08:38

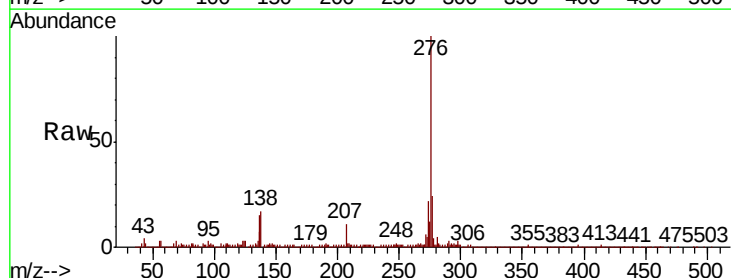
Tgt Ion:276 Resp: 4683437

Ion Ratio Lower Upper

276 100

138 17.0 14.4 21.6

277 24.2 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

