

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012718\  
 Data File : BM013885.D  
 Acq On : 27 Jan 2018 15:43  
 Operator : SJ/JU  
 Sample : J1244-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6B42

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:03:31 PM

Quant Time: Feb 09 12:21:11 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jan 28 01:01:50 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 124215   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.36 | 136  | 468041   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.23 | 164  | 271645   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 16.99 | 188  | 618641   | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.19 | 240  | 737255   | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.38 | 264  | 747820   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.15  | 96   | 9802     | 3.12   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.77  | 99   | 172084   | 18.05  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67   | 110343   | 19.10  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.12  | 132  | 148520   | 19.11  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.30  | 113  | 134681   | 18.37  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.74  | 128  | 70925    | 19.53  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.46  | 143  | 76019    | 19.81  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165  | 140688   | 18.98  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.51 | 131  | 167163   | 25.99  | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.65 | 166  | 453080   | 20.24  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.93 | 160  | 562078   | 19.69  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.48 | 143  | 42463m   | 11.67  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.23 | 176  | 391665   | 19.89  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200  | 45880    | 12.32  | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.09 | 188  | 608335m  | 20.19  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.39 | 212  | 717069   | 20.89  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264  | 735123m  | 21.39  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |        |        |          |
| 6) Phenol                      | 6.80  | 94   | 23347    | 2.441  | ng/ul# | 90       |
| 28) Naphthalene                | 10.40 | 128  | 93014    | 3.995  | ng/ul  | 98       |
| 34) 2-Methylnaphthalene        | 12.04 | 142  | 45964m   | 2.648  | ng/ul  |          |
| 44) Dimethylphthalate          | 13.70 | 163  | 134770   | 6.122  | ng/ul# | 98       |
| 49) Acenaphthene               | 14.30 | 153  | 39757    | 2.198  | ng/ul  | 92       |
| 68) Pentachlorophenol          | 16.64 | 266  | 80877    | 19.351 | ng/ul  | 96       |
| 69) Phenanthrene               | 17.03 | 178  | 138879   | 4.039  | ng/ul  | 98       |
| 74) Fluoranthene               | 19.06 | 202  | 385362   | 9.388  | ng/ul# | 97       |
| 77) Pyrene                     | 19.42 | 202  | 295816   | 6.600  | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.17 | 228  | 57969    | 1.301  | ng/ul  | 96       |
| 82) Chrysene                   | 21.23 | 228  | 56527    | 1.383  | ng/ul  | 92       |

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

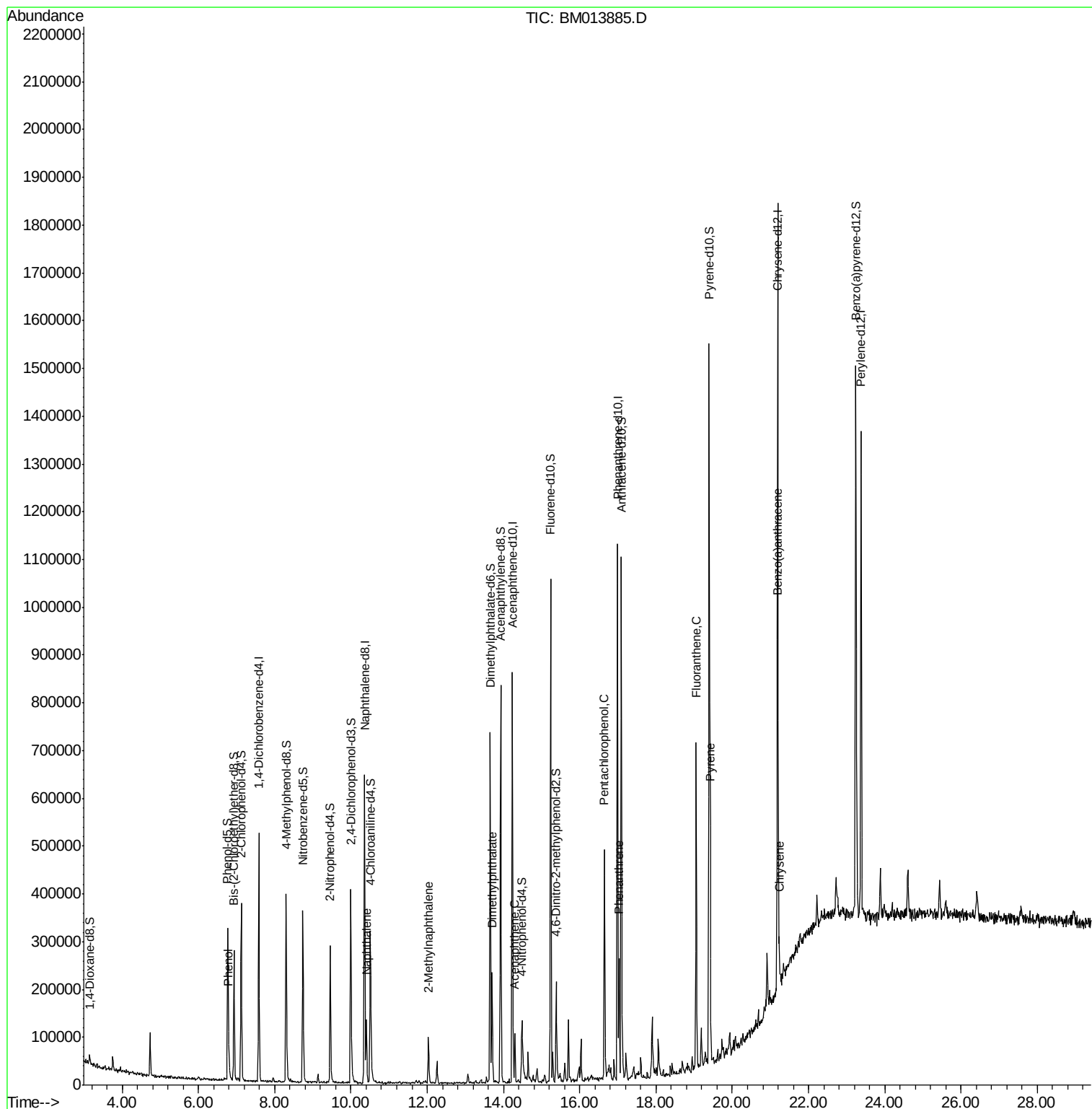
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012718\  
Data File : BM013885.D  
Acq On : 27 Jan 2018 15:43  
Operator : SJ/JU  
Sample : J1244-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

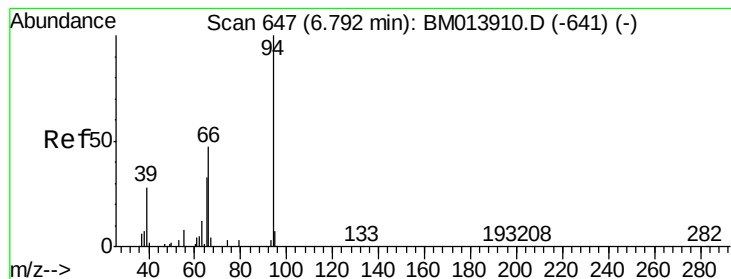
Instrument :  
BNA\_M  
ClientSampleId :  
F6B42

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1/29/2018 6:03:31 PM

Quant Time: Feb 09 12:21:11 2018  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Jan 28 01:01:50 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 2.441 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA\_M

ClientSampleId :

F6B42

Tgt Ion: 94 Resp: 23347

Ion Ratio Lower Upper

94 100

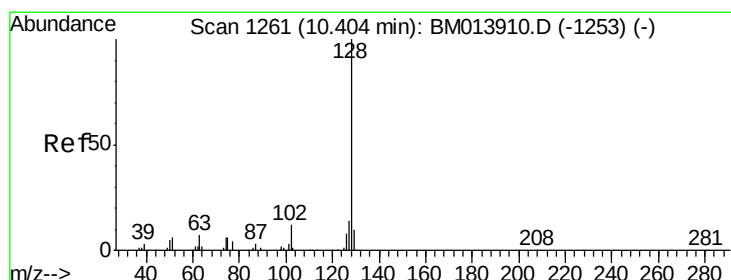
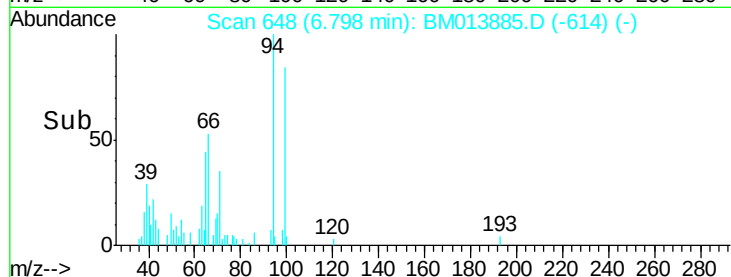
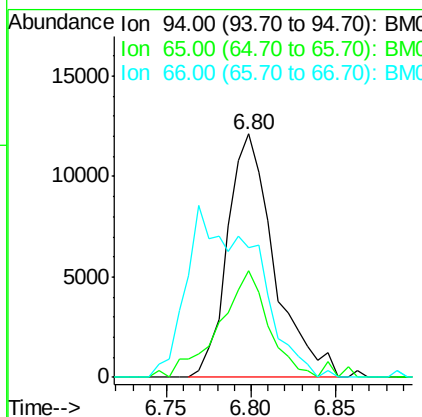
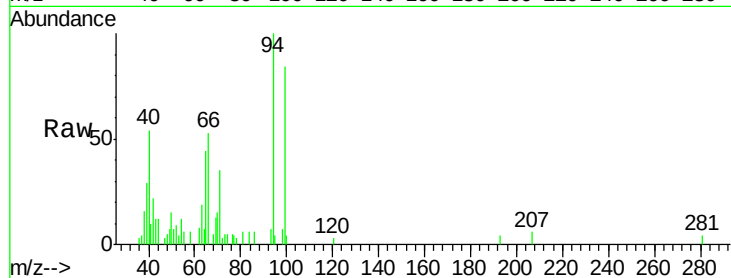
65 44.0 28.2 42.4#

66 53.4 47.2 70.8

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#28

Naphthalene

Concen: 3.995 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

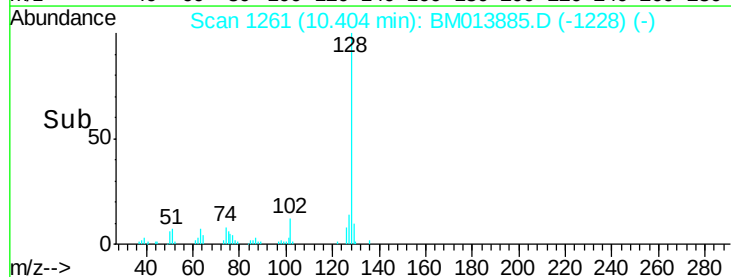
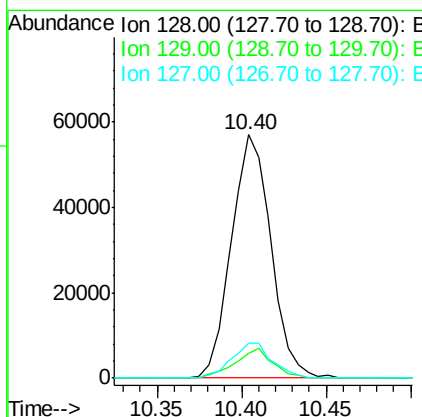
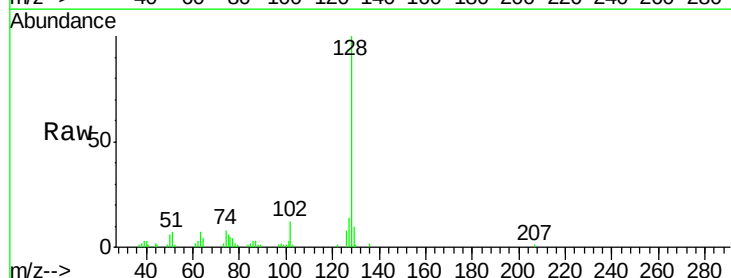
Tgt Ion: 128 Resp: 93014

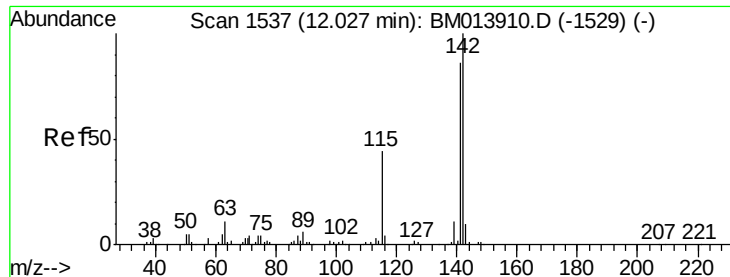
Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 14.3 10.6 16.0





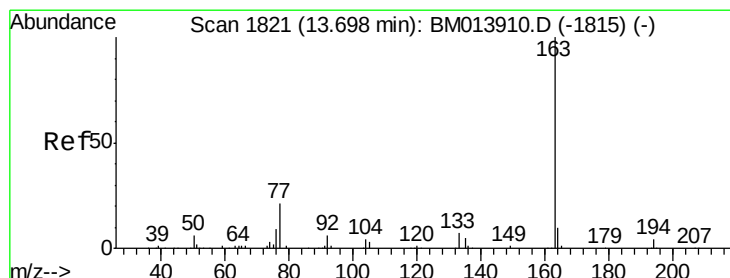
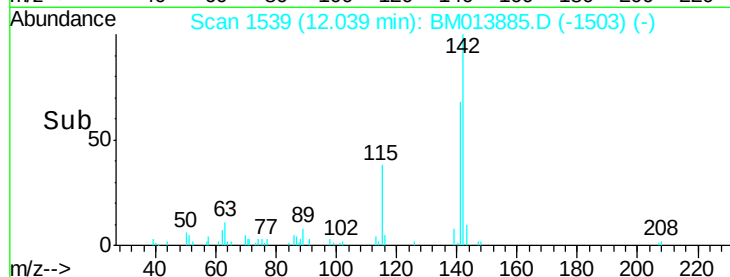
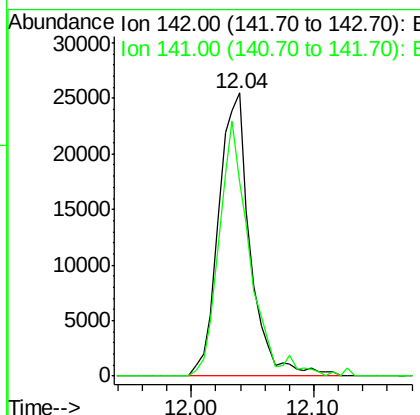
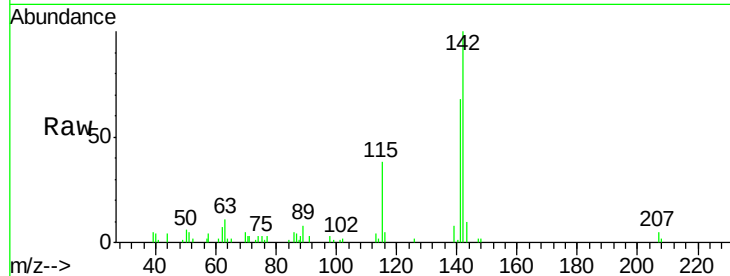
#34  
2-Methylnaphthalene  
Concen: 2.648 ng/ul m  
RT: 12.04 min Scan# 1539  
Delta R.T. 0.01 min  
Lab File: BM013885.D  
Acq: 27 Jan 2018 15:43

Instrument :  
BNA\_M  
ClientSampled :  
F6B42

Tgt Ion:142 Resp: 45964  
Ion Ratio Lower Upper  
142 100  
141 68.3 74.1 111.1#

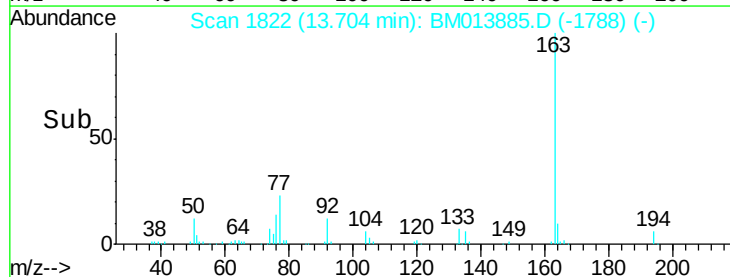
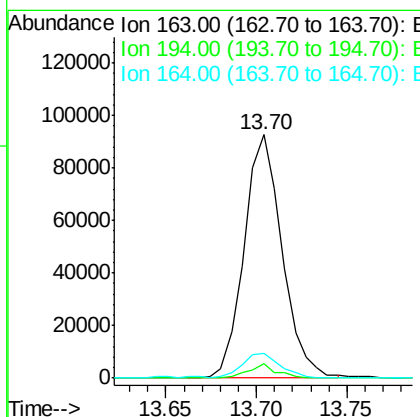
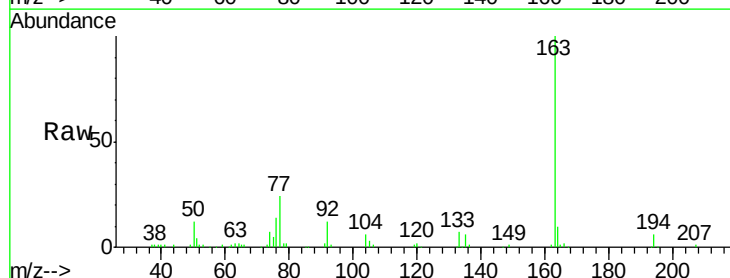
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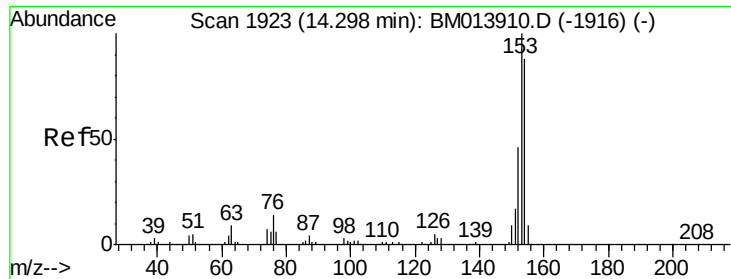
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#44  
Dimethylphthalate  
Concen: 6.122 ng/ul  
RT: 13.70 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: BM013885.D  
Acq: 27 Jan 2018 15:43

Tgt Ion:163 Resp: 134770  
Ion Ratio Lower Upper  
163 100  
194 5.9 3.5 5.3#  
164 10.0 8.2 12.4





#49

Acenaphthene

Concen: 2.198 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA\_M

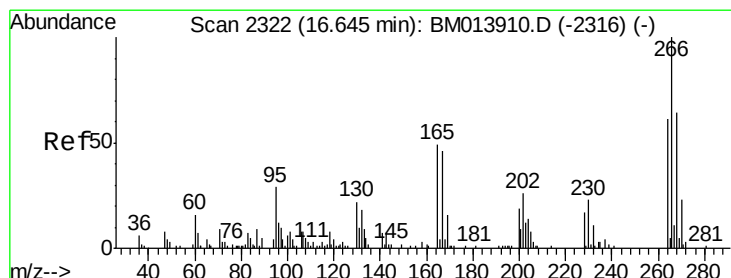
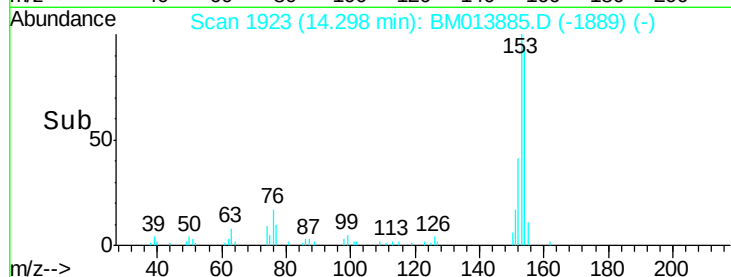
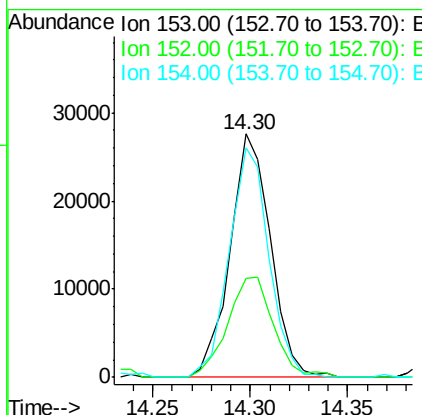
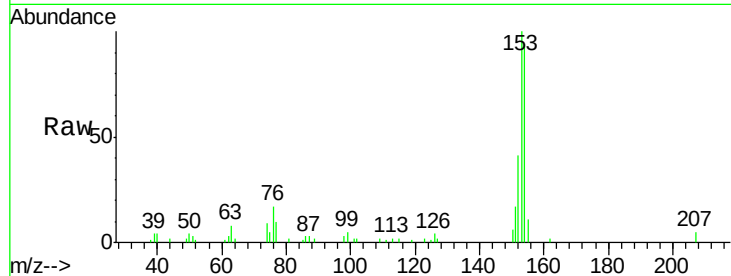
ClientSampleId :

F6B42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 153   | Resp: | 39757 |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 40.8  | 37.6  | 56.4  |
| 154       | 94.4  | 70.4  | 105.6 |

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#68

Pentachlorophenol

Concen: 19.351 ng/ul

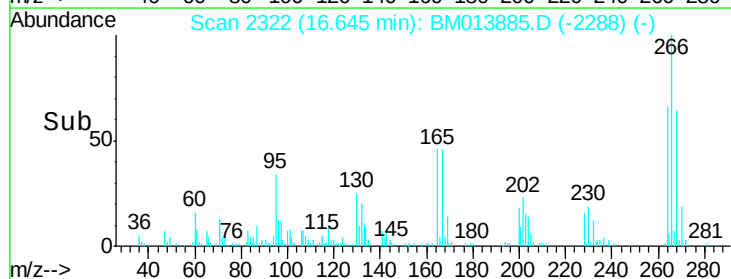
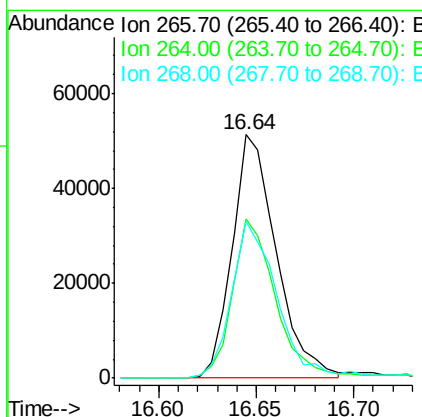
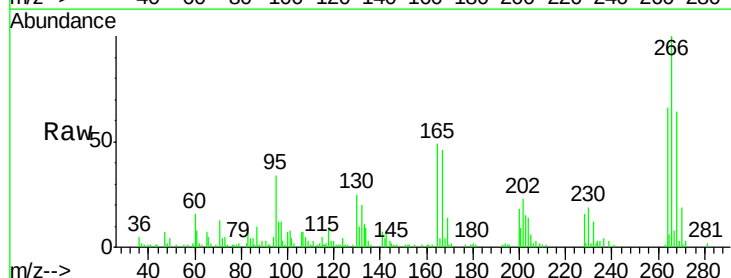
RT: 16.64 min Scan# 2322

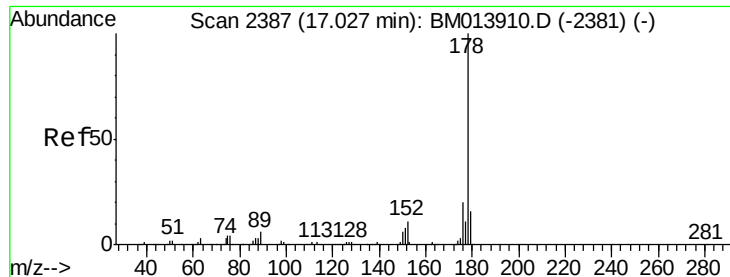
Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 80877 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 65.6  | 49.3  | 73.9  |
| 268       | 64.1  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 4.039 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

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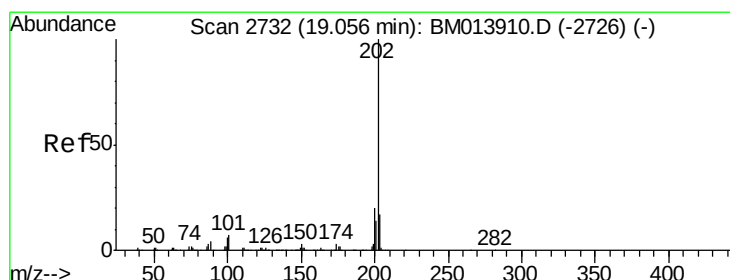
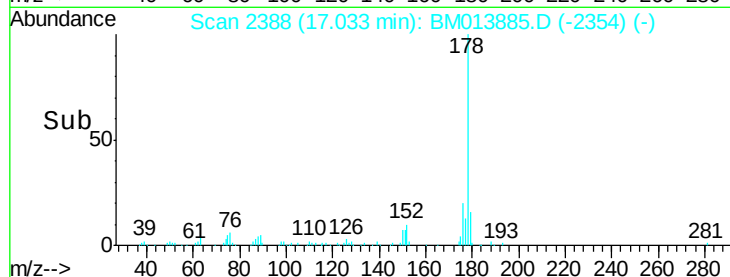
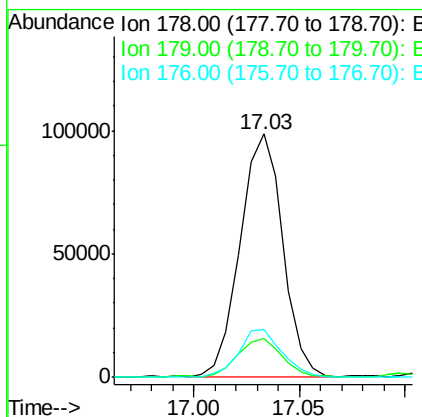
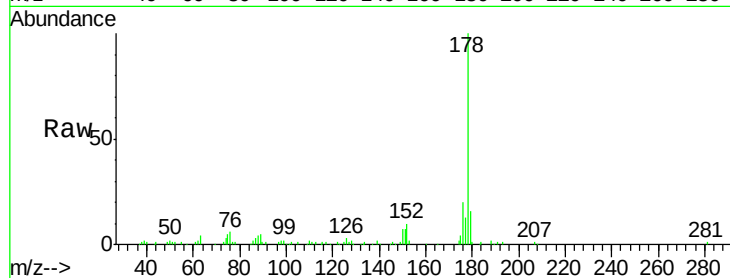
ClientSampled :

F6B42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 138879 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 16.0  | 12.6  | 19.0   |
| 176       | 19.8  | 14.9  | 22.3   |

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#74

Fluoranthene

Concen: 9.388 ng/ul

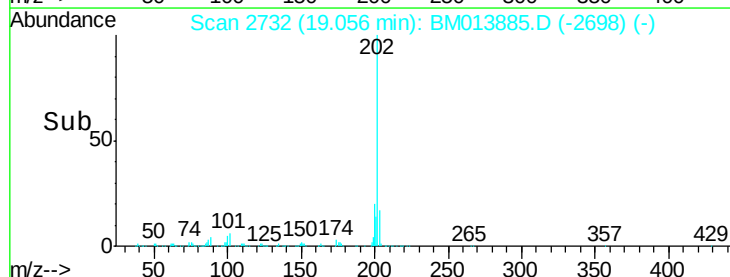
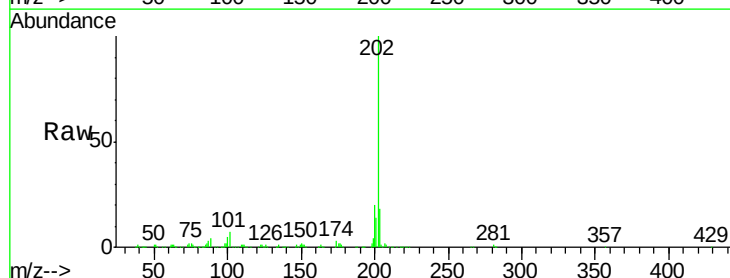
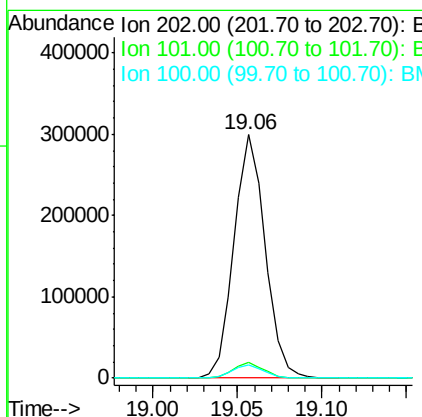
RT: 19.06 min Scan# 2732

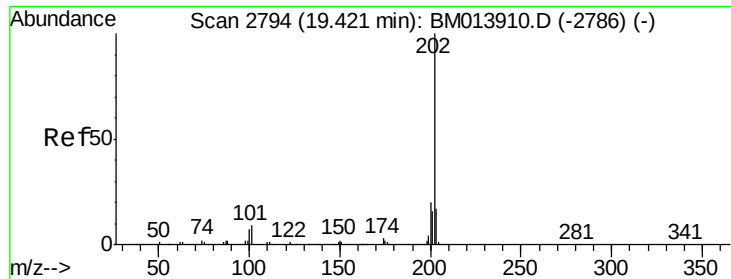
Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 385362 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.5   | 4.6   | 7.0    |
| 100       | 5.4   | 3.4   | 5.2#   |





#77

Pyrene

Concen: 6.600 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA\_M

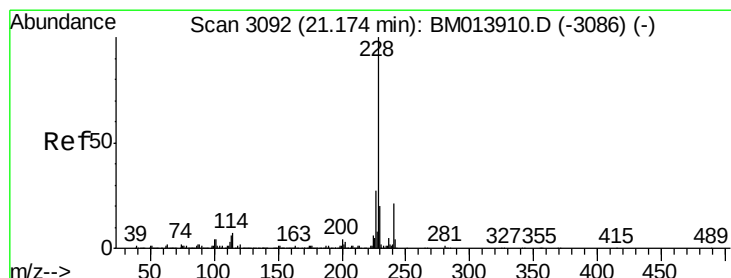
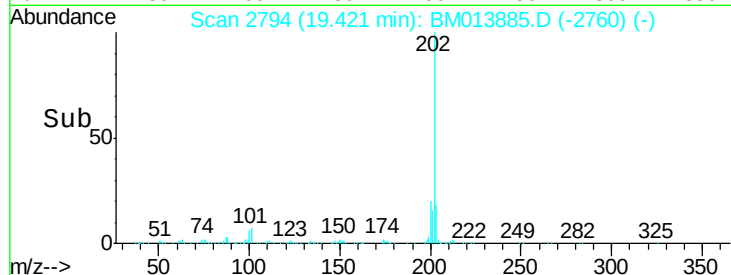
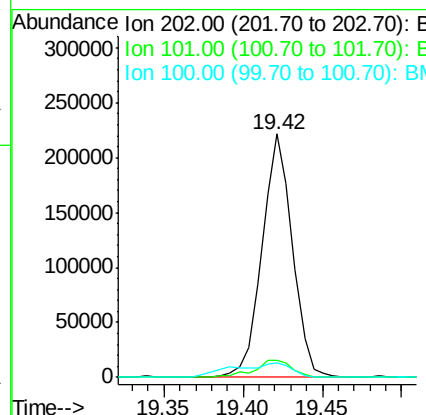
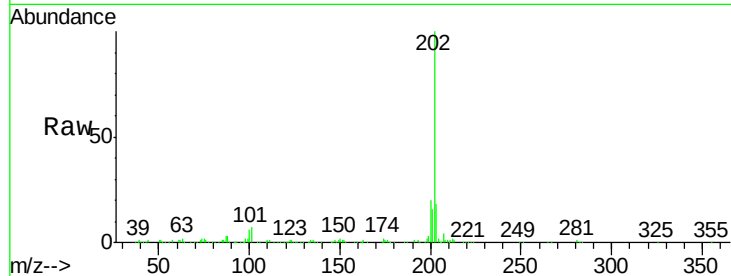
ClientSampleId :

F6B42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 6.8   | 5.1        | 7.7        |
| 100     | 6.0   | 4.9        | 7.3        |

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#80

Benzo(a)anthracene

Concen: 1.301 ng/ul

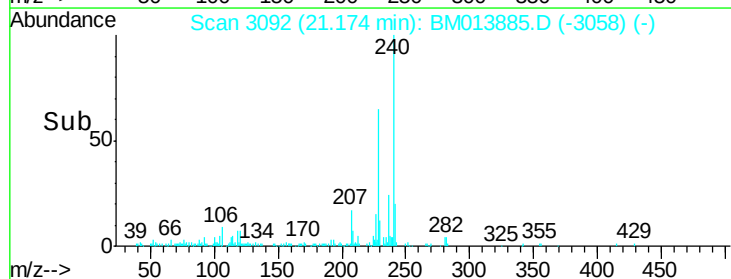
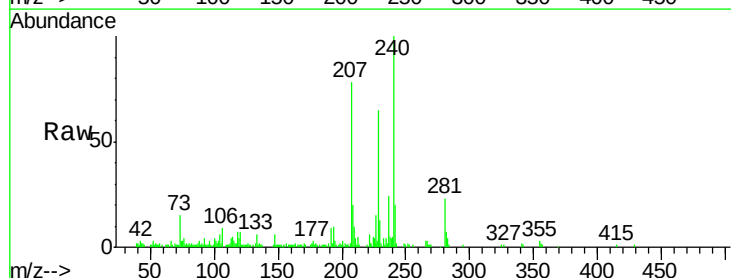
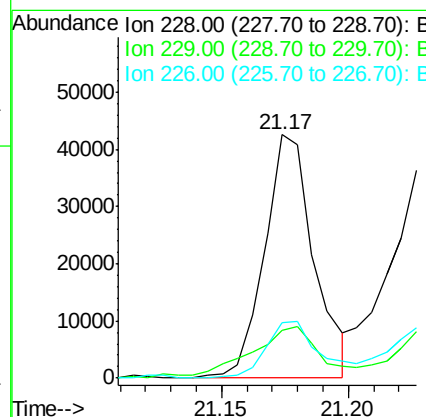
RT: 21.17 min Scan# 3092

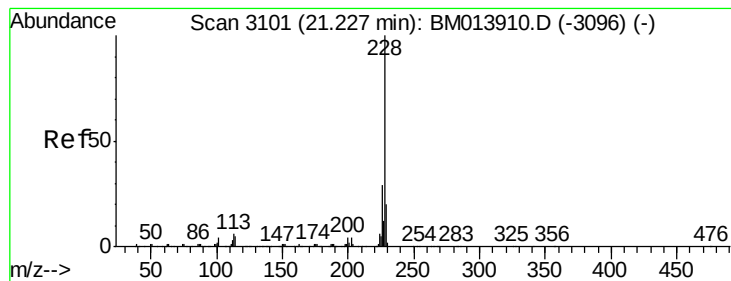
Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 229     | 19.5  | 15.4       | 23.0       |
| 226     | 23.0  | 21.4       | 32.0       |





#82

Chrysene

Concen: 1.383 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM013885.D

Acq: 27 Jan 2018 15:43

Instrument :

BNA\_M

ClientSampleId :

F6B42

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 228  | Resp: | 56527 |
| Ion Ratio |      | Lower | Upper |
| 228       | 100  |       |       |
| 226       | 24.0 | 23.4  | 35.2  |
| 229       | 22.2 | 15.5  | 23.3  |

Manual Integrations  
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