

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\  
 Data File : BM008266.D  
 Acq On : 12 Dec 2016 16:45  
 Operator : UM/SJ  
 Sample : H5905-17DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA816DL

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Quant Time: Dec 13 03:04:52 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 13 02:27:35 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 570      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.46 | 136  | 1995     | 0.40 | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.31 | 164  | 1233     | 0.40 | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.07 | 188  | 2159     | 0.40 | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.28 | 240  | 1614     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 1509     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152  | 159      | 0.06 | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.12 | 212  | 306m     | 0.05 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 3) Naphthalene              | 10.51 | 128  | 1209     | 0.22 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.12 | 142  | 2640     | 0.73 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.38 | 153  | 192      | 0.05 | ng/ul# | 88       |
| 9) Fluorene                 | 15.38 | 166  | 548      | 0.11 | ng/ul# | 78       |
| 12) Phenanthrene            | 17.11 | 178  | 227      | 0.03 | ng/ul# | 45       |

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

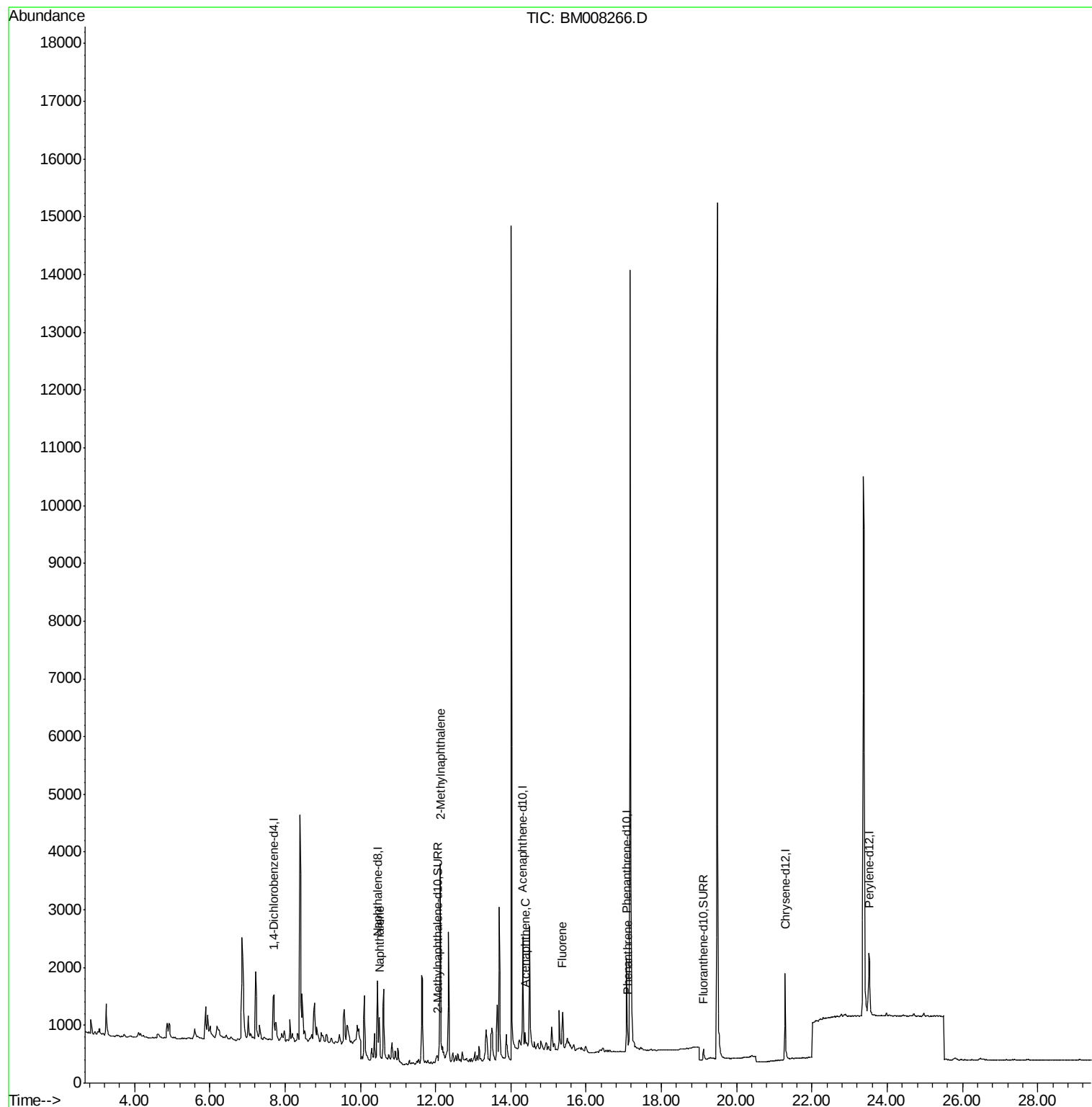
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\  
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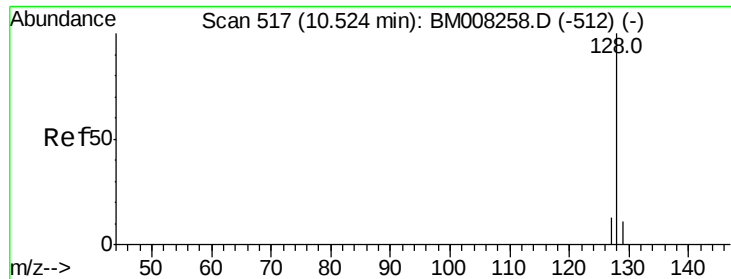
Instrument :  
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M  
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.22 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008266.D

Acq: 12 Dec 2016 16:45

Instrument :

BNA\_M

ClientSampleId :

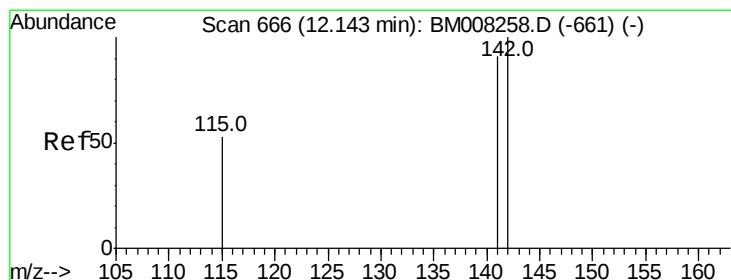
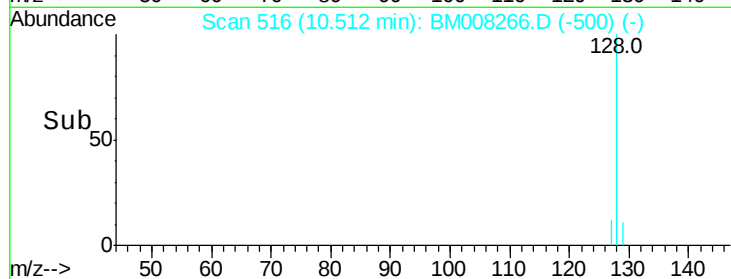
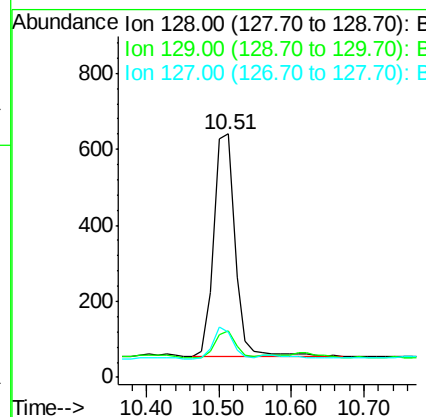
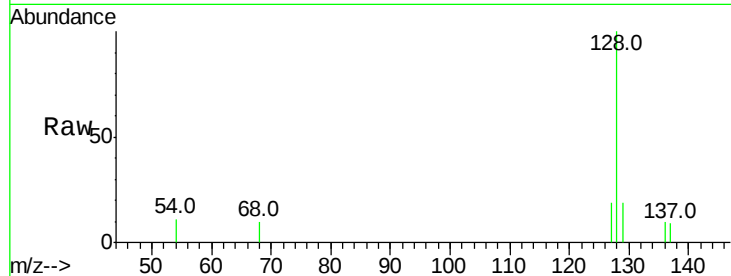
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Tot Ion:128 Resp: 1209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 19.0  | 11.3  | 16.9# |
| 127 | 18.6  | 12.8  | 19.2  |

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#5

2-Methylnaphthalene

Concen: 0.73 ng/ul

RT: 12.12 min Scan# 664

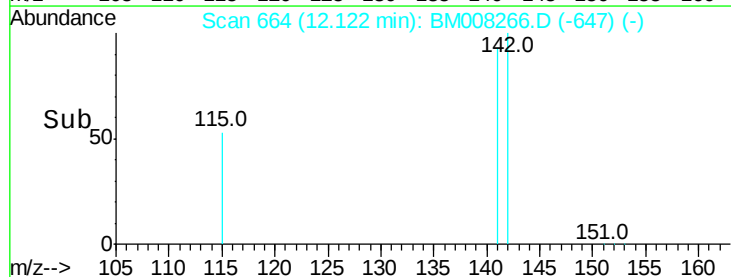
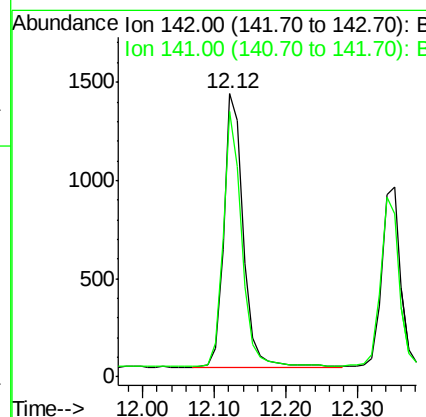
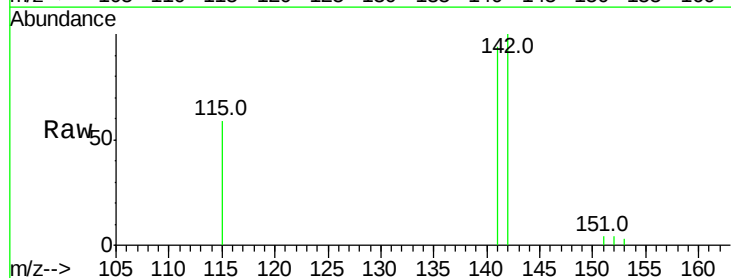
Delta R.T. -0.02 min

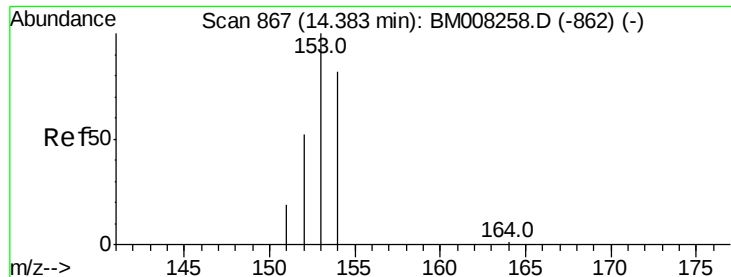
Lab File: BM008266.D

Acq: 12 Dec 2016 16:45

Tgt Ion:142 Resp: 2640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 89.3  | 72.6  | 108.8 |





#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM008266.D

Acq: 12 Dec 2016 16:45

Instrument :

BNA\_M

ClientSampleId :

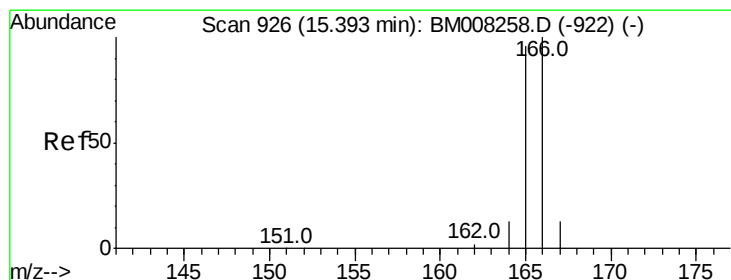
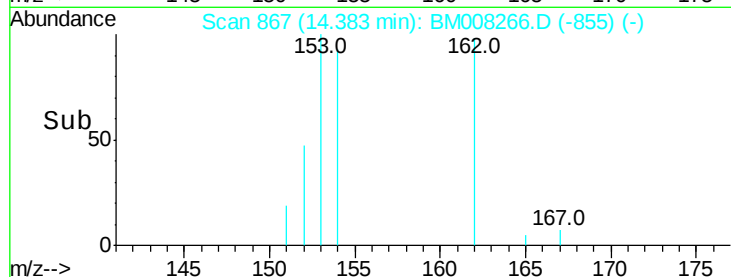
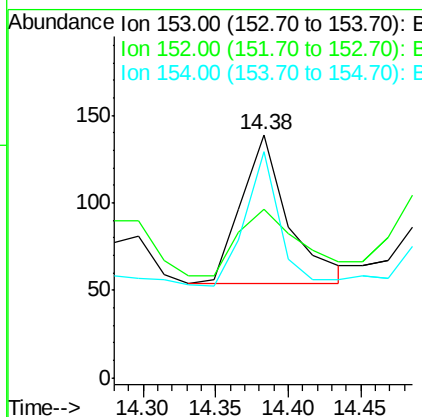
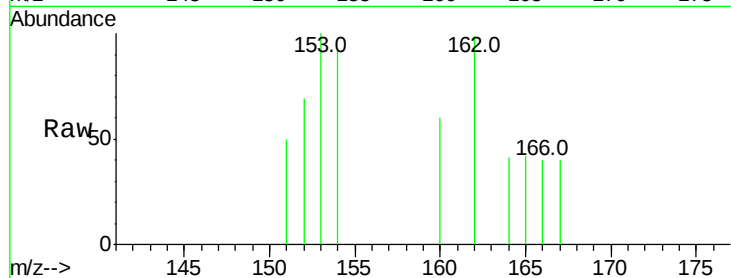
DA816DL

Tot Ion:153 Resp: 192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 69.1  | 40.3  | 60.5# |
| 154 | 92.8  | 71.4  | 107.2 |

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#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.38 min Scan# 925

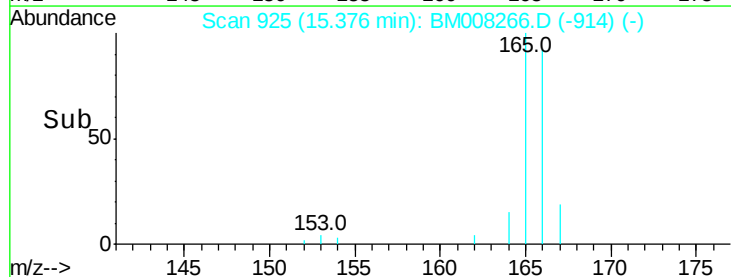
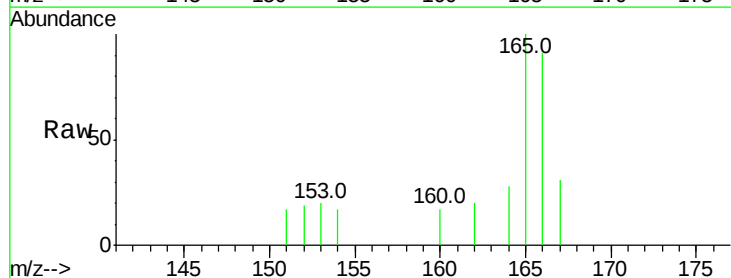
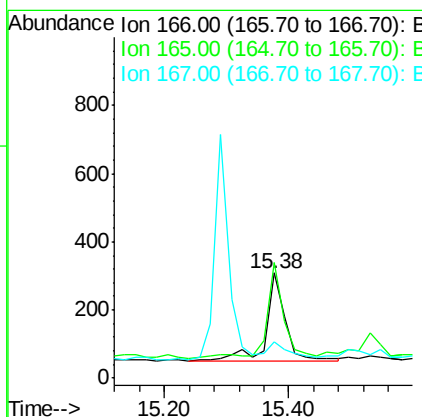
Delta R.T. -0.02 min

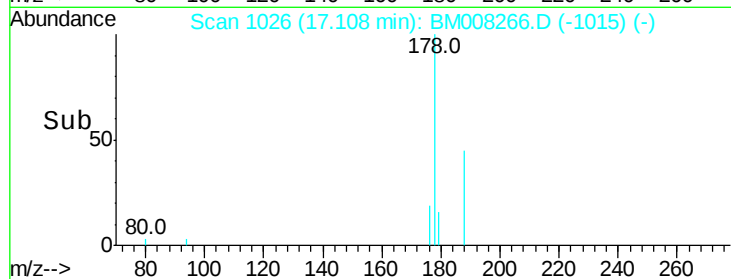
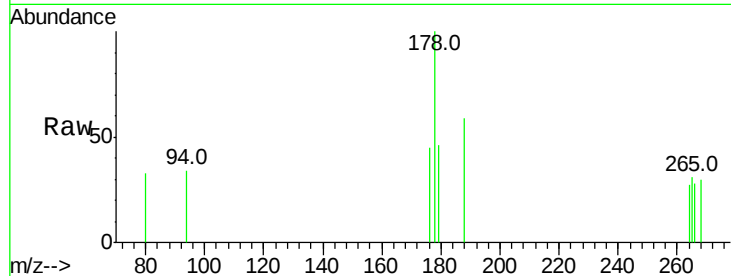
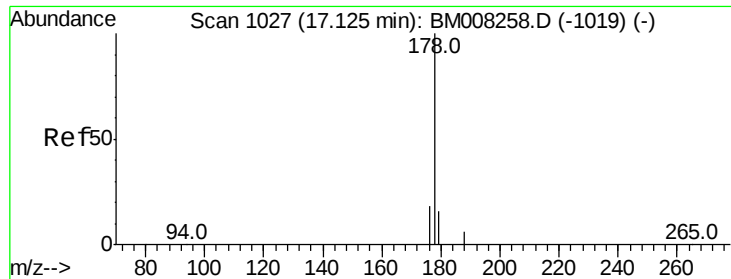
Lab File: BM008266.D

Acq: 12 Dec 2016 16:45

Tgt Ion:166 Resp: 548

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 166 | 100   |       |        |
| 165 | 110.4 | 73.4  | 110.2# |
| 167 | 34.0  | 14.6  | 22.0#  |





#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008266.D

Acq: 12 Dec 2016 16:45

Instrument :

BNA\_M

ClientSampleId :

DA816DL

Tot Ion:178 Resp: 227

Ion Ratio Lower Upper

178 100

176 45.1 18.4 27.6#

179 46.3 13.6 20.4#

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