

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM041816\  
 Data File : BM004984.D  
 Acq On : 18 Apr 2016 21:58  
 Operator : UM/SJ  
 Sample : H2298-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9TA0

Manual Integrations  
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Quant Time: Apr 27 13:08:12 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM041816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 19 08:25:48 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.82  | 152  | 1876     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.60 | 136  | 8119     | 0.40   | ng/ul  | -0.01    |
| 8) Acenaphthene-d10         | 14.45 | 164  | 4808     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.19 | 188  | 9258m    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.39 | 240  | 6650     | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.66 | 264  | 4513m    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.31  | 96   | 1913     | 2.11   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.19 | 152  | 2950     | 0.31   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.23 | 212  | 5724     | 0.30   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 17.23 | 178  | 475m     | 0.02   | ng/ul  |          |
| 17) Fluoranthene            | 19.25 | 202  | 682      | 0.03   | ng/ul  | 75       |
| 20) Benzo(a)anthracene      | 21.37 | 228  | 355      | 0.02   | ng/ul# | 68       |
| 21) Chrysene                | 21.42 | 228  | 471      | 0.02   | ng/ul# | 73       |
| 26) Indeno(1,2,3-cd)pyrene  | 26.01 | 276  | 266m     | 0.02   | ng/ul  |          |

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

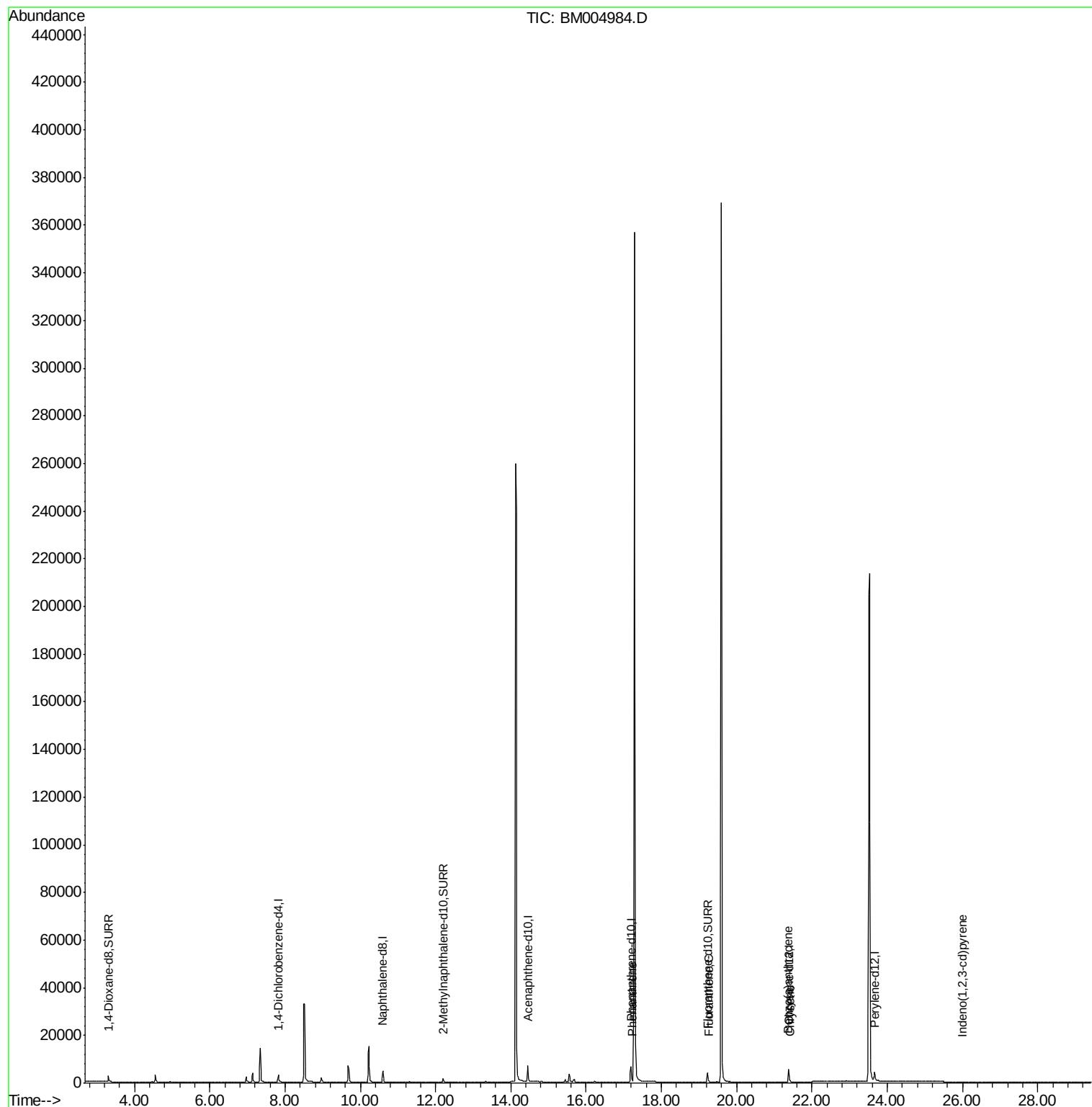
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM041816\  
Data File : BM004984.D  
Acq On : 18 Apr 2016 21:58  
Operator : UM/SJ  
Sample : H2298-18  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

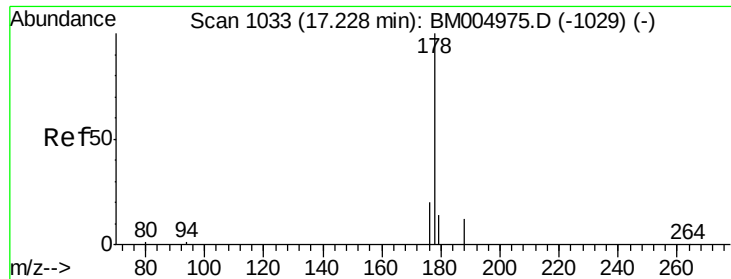
Instrument :  
BNA\_M  
ClientSampleId :  
D9TA0

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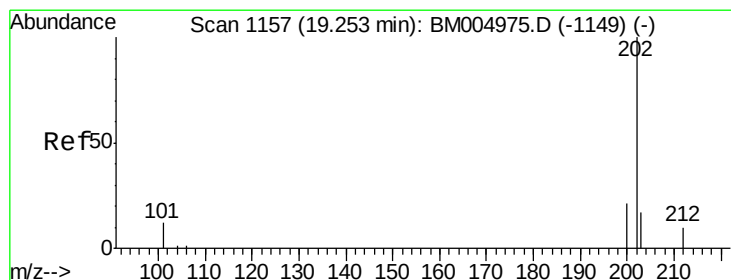
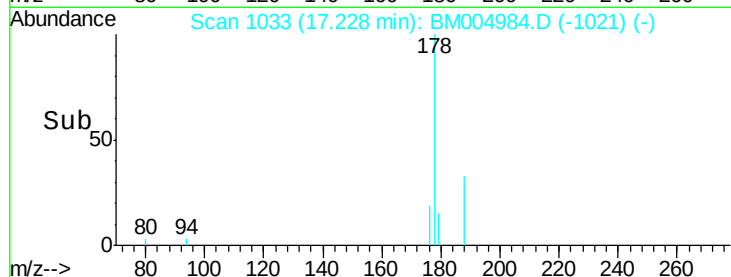
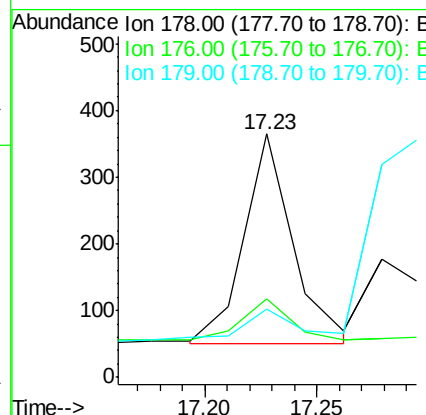
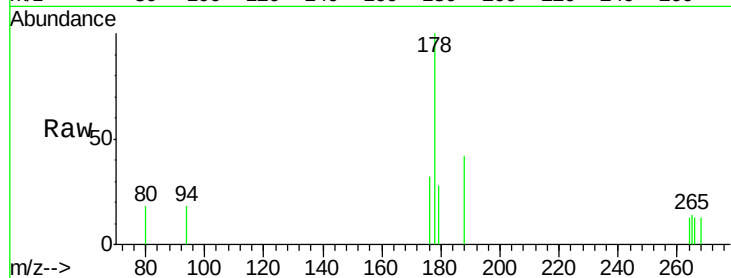
#14  
Phenanthrene  
Concen: 0.02 ng/ul m  
RT: 17.23 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BM004984.D  
Acq: 18 Apr 2016 21:58

Instrument :  
BNA\_M  
ClientSampleId :  
D9TA0

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 32.1  | 13.0  | 19.4# |
| 179     | 27.9  | 14.2  | 21.2# |

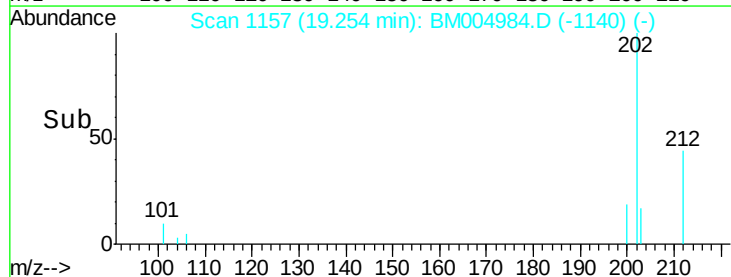
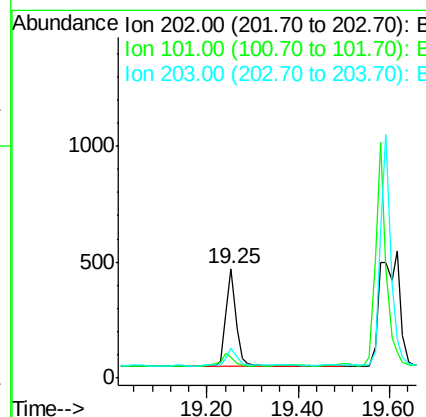
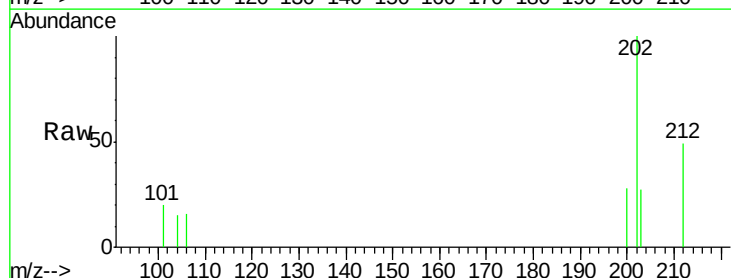
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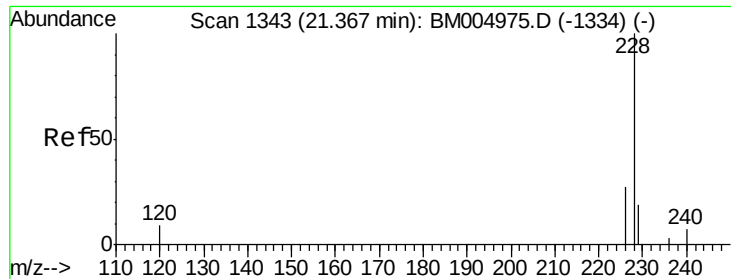
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#17  
Fluoranthene  
Concen: 0.03 ng/ul  
RT: 19.25 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BM004984.D  
Acq: 18 Apr 2016 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 19.5  | 0.0   | 29.6  |
| 203     | 26.8  | 0.0   | 36.3  |





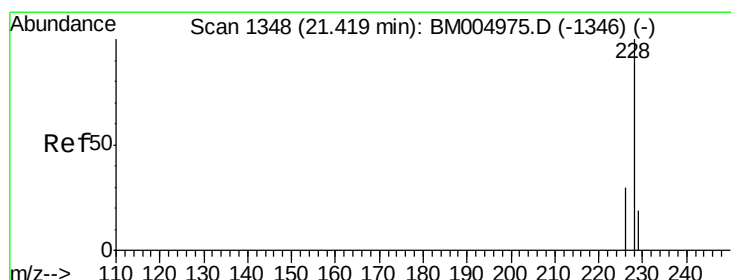
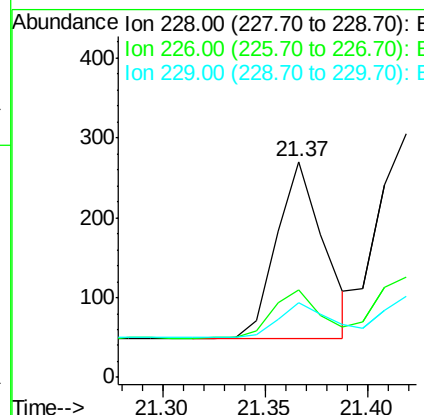
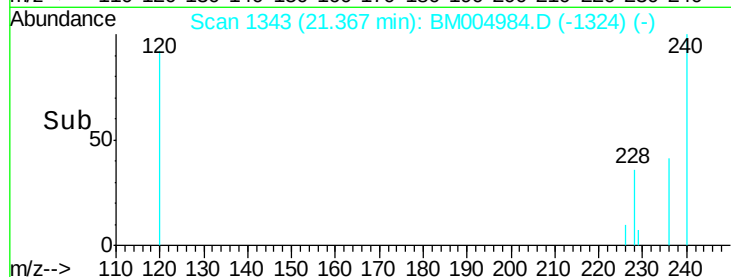
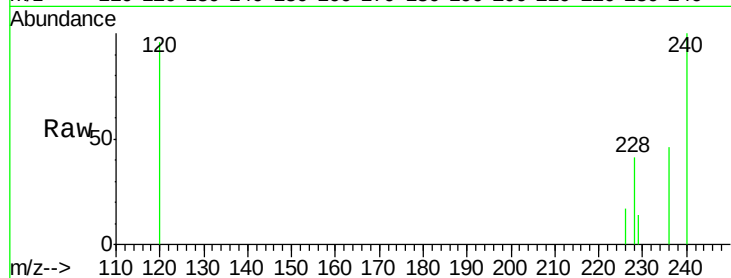
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Benzo(a)anthracene  
Concen: 0.02 ng/ul  
RT: 21.37 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BM004984.D  
Acq: 18 Apr 2016 21:58

Instrument :  
BNA\_M  
ClientSampleId :  
D9TA0

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 40.7  | 18.8  | 28.2# |
| 229     | 34.8  | 17.1  | 25.7# |

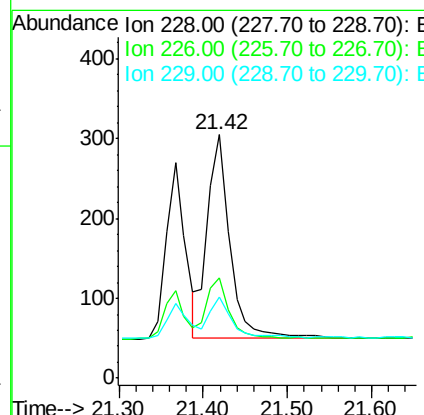
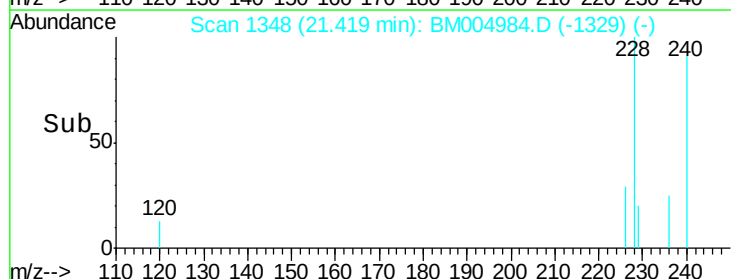
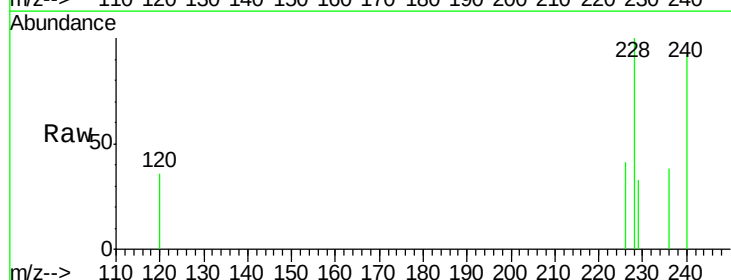
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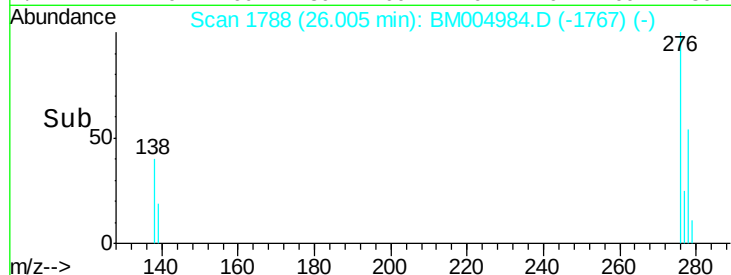
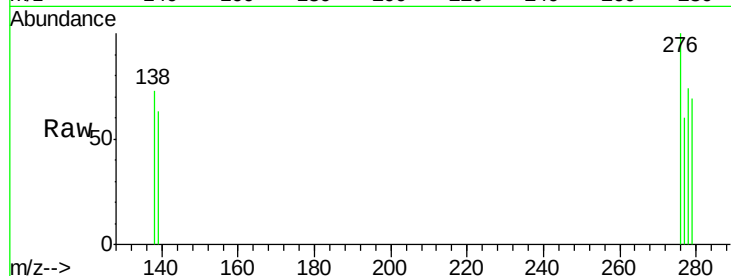
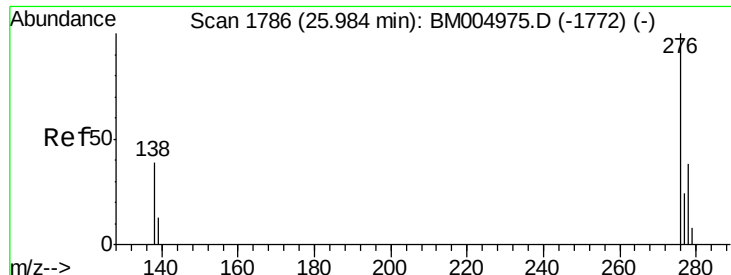
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#21  
Chrysene  
Concen: 0.02 ng/ul  
RT: 21.42 min Scan# 1348  
Delta R.T. 0.00 min  
Lab File: BM004984.D  
Acq: 18 Apr 2016 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 41.0  | 21.2  | 31.8# |
| 229     | 33.1  | 17.0  | 25.6# |





#26  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.02 ng/ul m  
 RT: 26.01 min Scan# 1788  
 Delta R.T. 0.02 min  
 Lab File: BM004984.D  
 Acq: 18 Apr 2016 21:58

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9TA0

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 16.3  | 24.5# |
| 277     | 0.0   | 19.8  | 29.8# |

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