

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016623.D  
 Acq On : 28 Aug 2018 02:16  
 Operator : SJ/JU  
 Sample : J4660-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 28 03:57:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

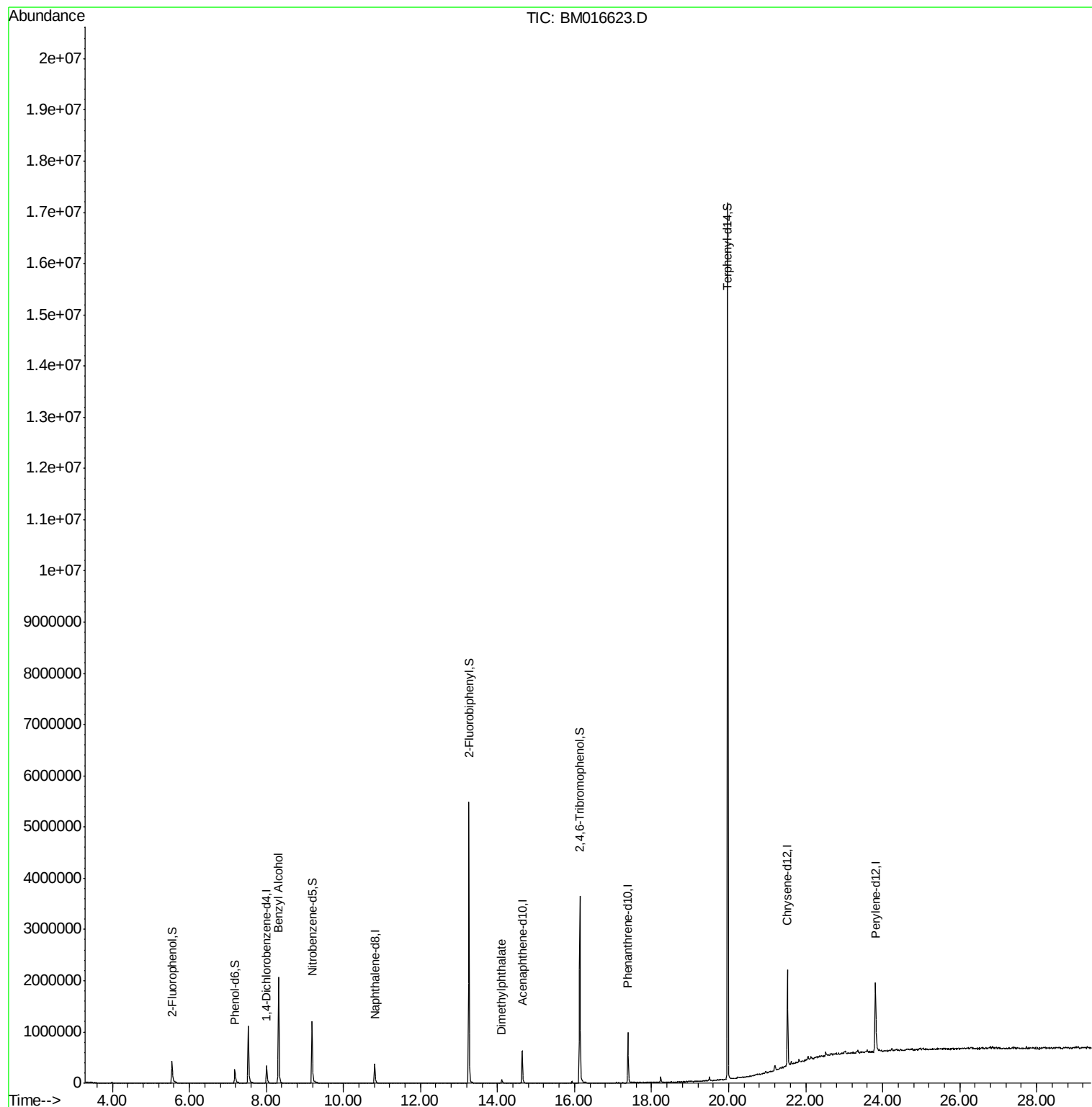
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 73871    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.81 | 136  | 235665   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.64 | 164  | 180199   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.39 | 188  | 594803   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.53 | 240  | 903679   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.81 | 264  | 1053555  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.55  | 112  | 164426   | 43.62  | ng    | 0.00     |
| 7) Phenol-d6                | 7.18  | 99   | 120532   | 24.16  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 677471   | 131.26 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 595683   | 118.25 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 2301941  | 122.79 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.97 | 244  | 6506702  | 152.40 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 8.32  | 79   | 15571    | 3.361  | ng    | # 1      |
| 49) Dimethylphthalate       | 14.11 | 163  | 44905    | 2.594  | ng    | # 96     |

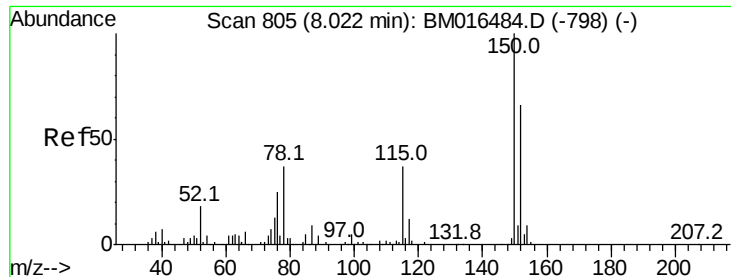
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
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Sample : J4660-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Aug 28 03:57:43 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 27 13:01:22 2018  
Response via : Initial Calibration



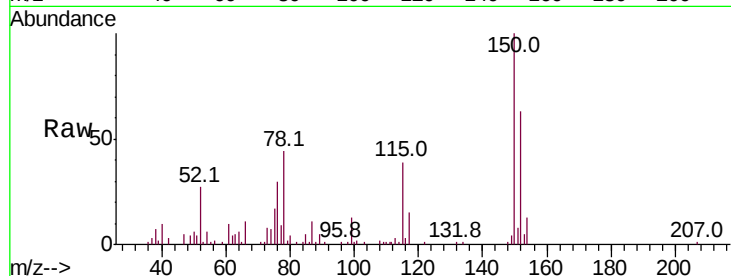


#1

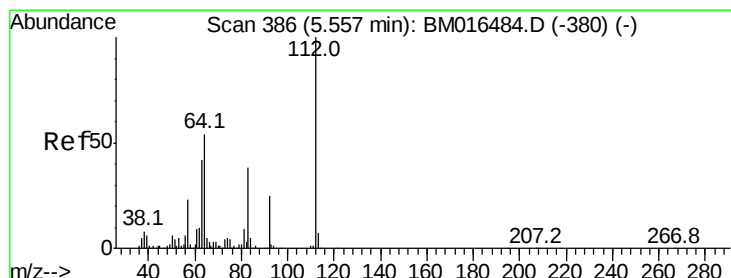
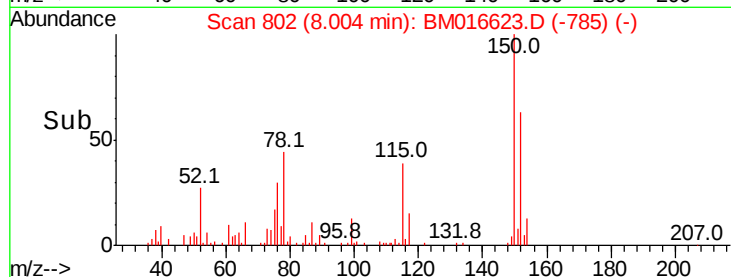
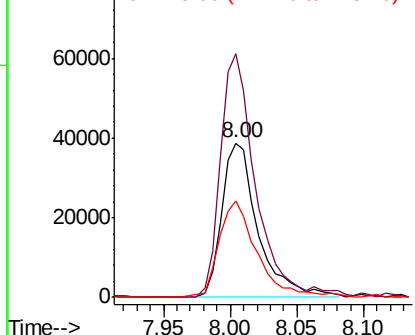
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 73871  
Ion Ratio Lower Upper  
152 100  
150 158.0 119.5 179.3  
115 62.3 43.0 64.4



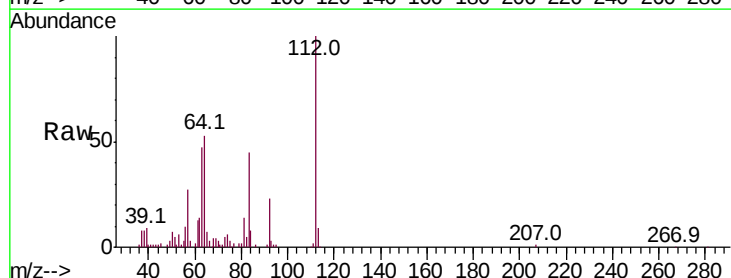
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



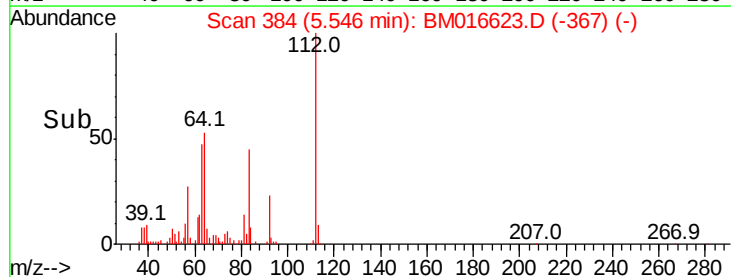
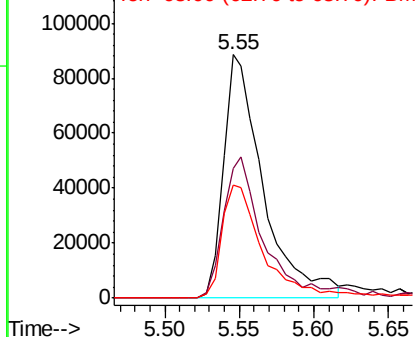
#5

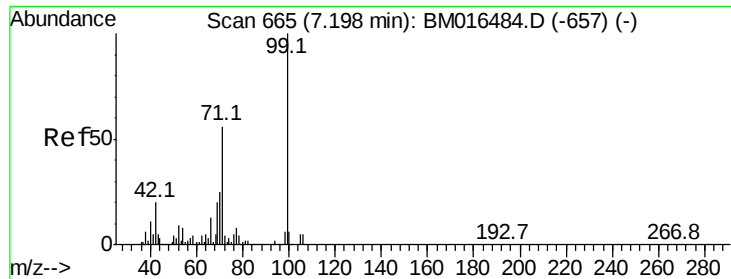
2-Fluorophenol  
Concen: 43.618 ng  
RT: 5.55 min Scan# 384  
Delta R.T. -0.00 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

Tgt Ion:112 Resp: 164426  
Ion Ratio Lower Upper  
112 100  
64 53.1 38.6 57.8  
63 46.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 24.162 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016623.D

Acq: 28 Aug 2018 02:16

Instrument :

BNA\_M

ClientSampleId :

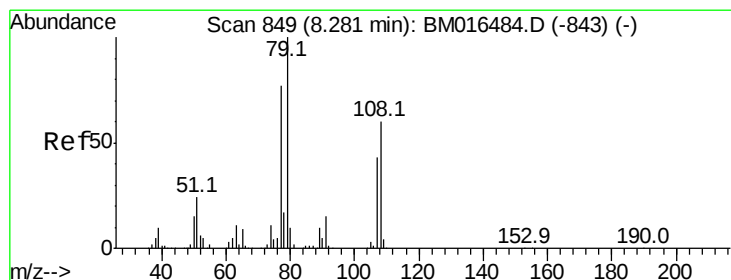
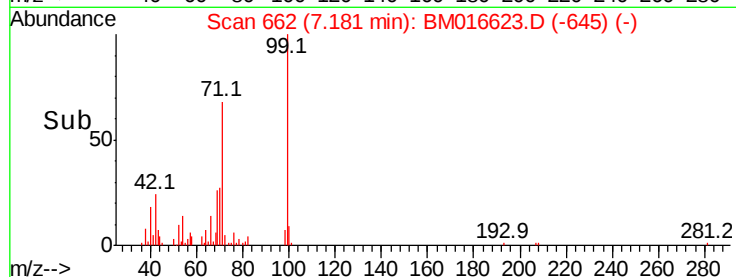
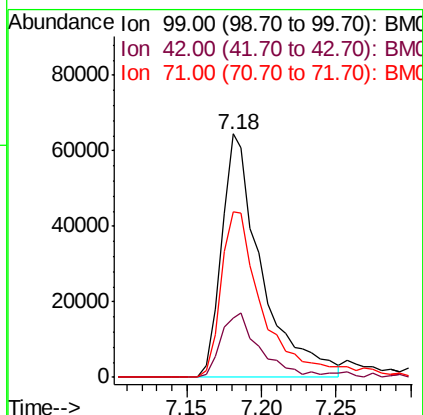
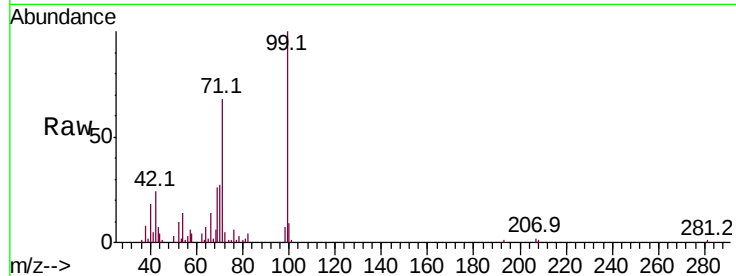
Tot Ion: 99 Resp: 120532

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

71 67.8 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.361 ng

RT: 8.32 min Scan# 855

Delta R.T. 0.05 min

Lab File: BM016623.D

Acq: 28 Aug 2018 02:16

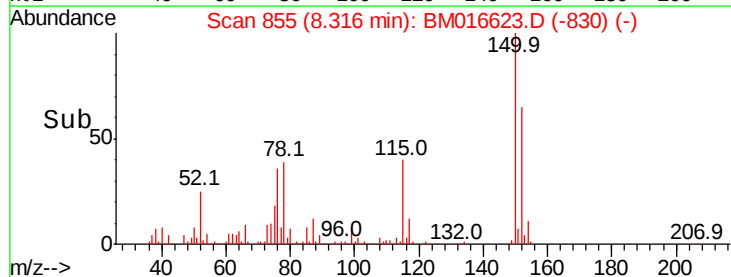
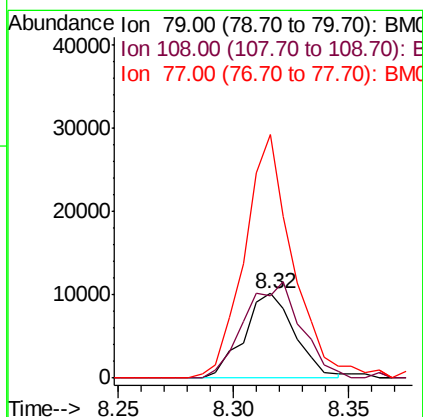
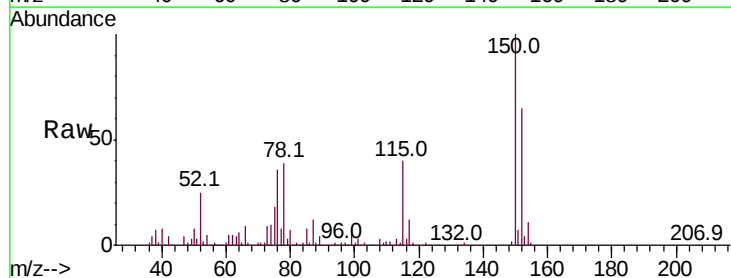
Tgt Ion: 79 Resp: 15571

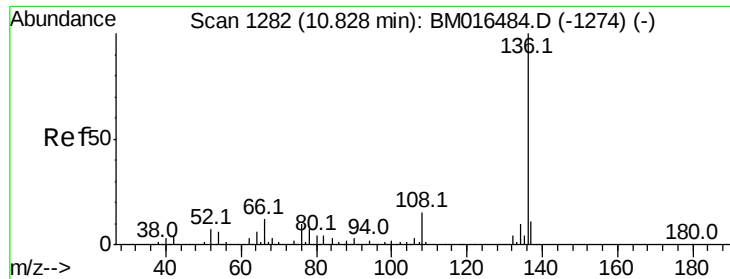
Ion Ratio Lower Upper

79 100

108 97.7 65.0 97.4#

77 287.8 53.0 79.6#

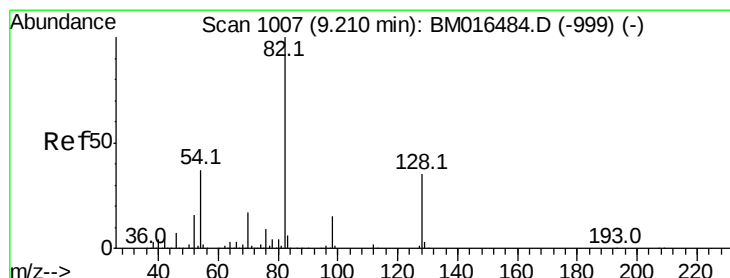
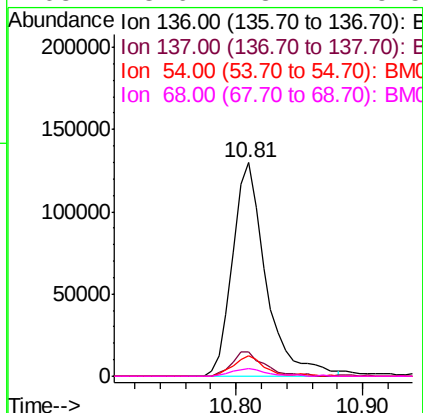
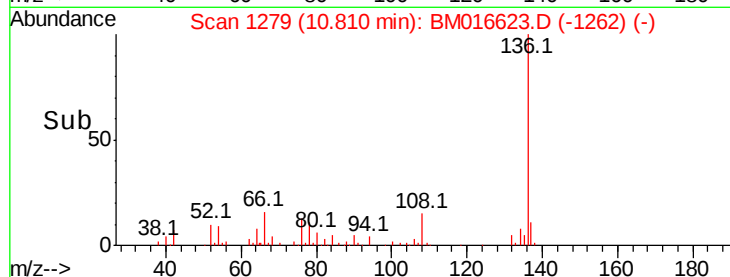
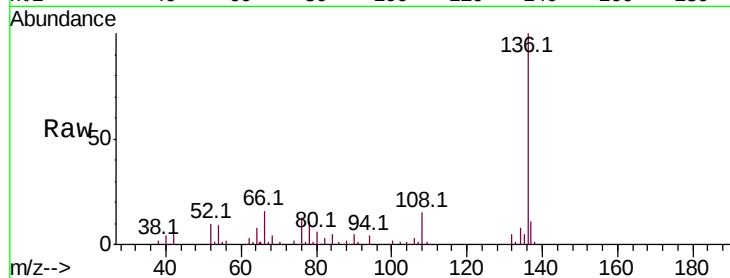




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1279  
Delta R.T. -0.00 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

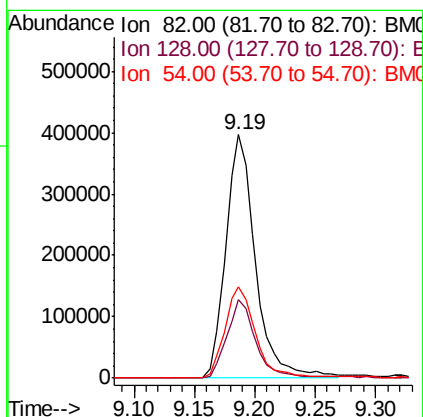
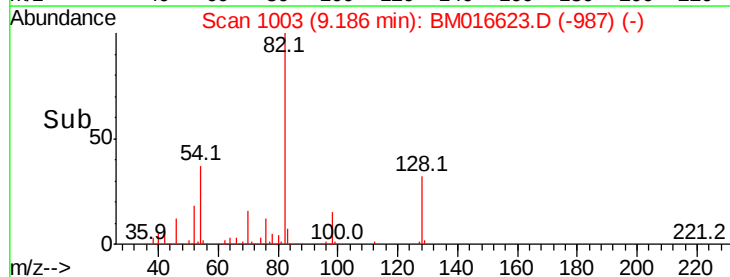
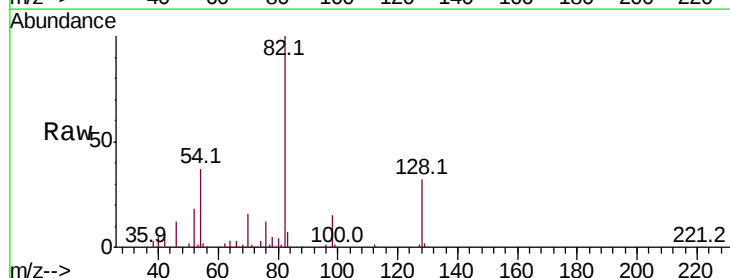
Instrument :  
BNA\_M  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 235665   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.7 13.1 |
| 54          | 9.4   | 4.6 6.8# |
| 68          | 3.6   | 3.7 5.5# |



#23  
Nitrobenzene-d5  
Concen: 131.257 ng  
RT: 9.19 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 677471     |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 32.0  | 32.8 49.2# |
| 54          | 37.3  | 40.6 60.8# |

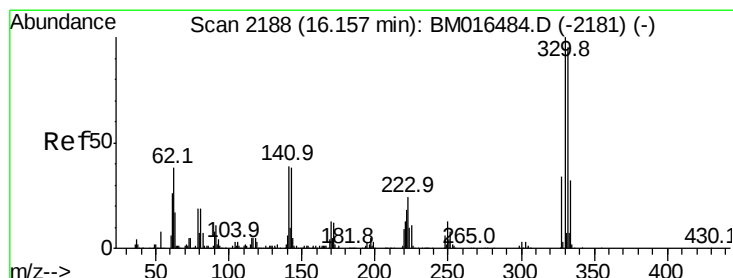
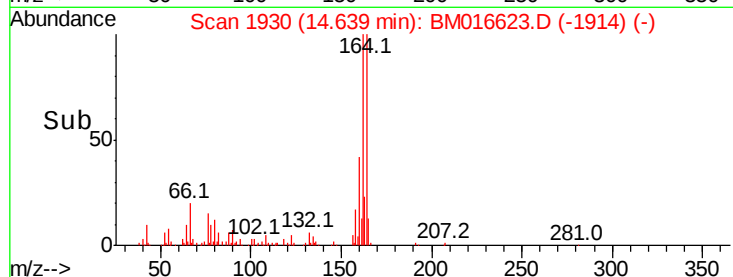
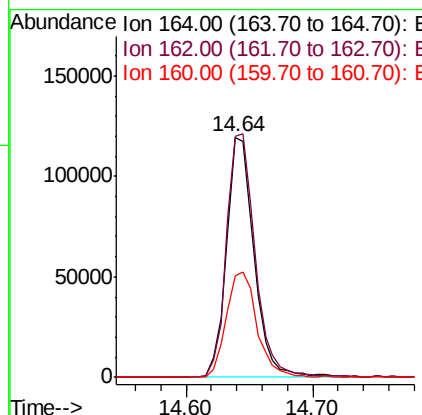
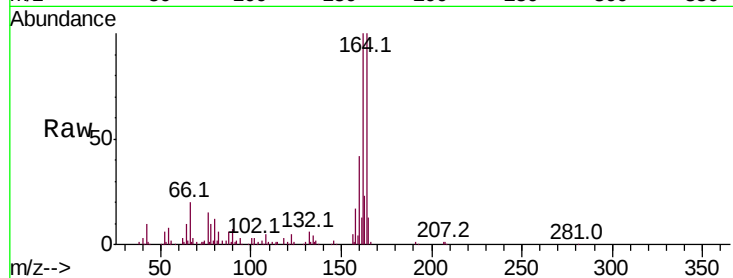




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.64 min Scan# 1930  
 Delta R.T. -0.01 min  
 Lab File: BM016623.D  
 Acq: 28 Aug 2018 02:16

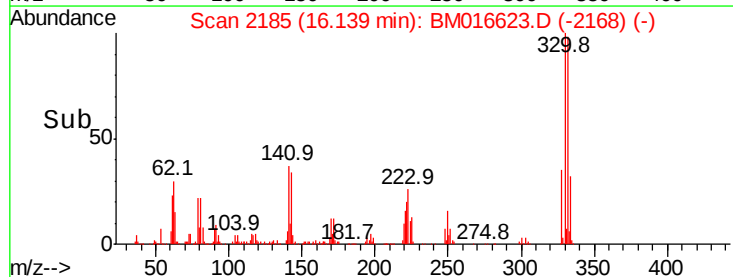
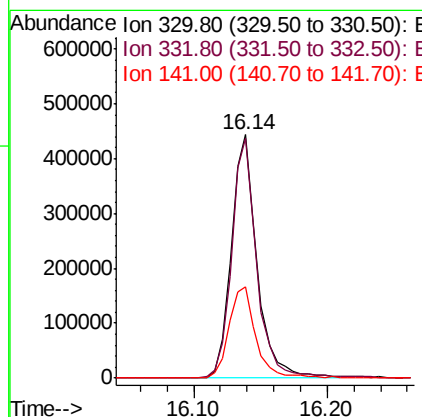
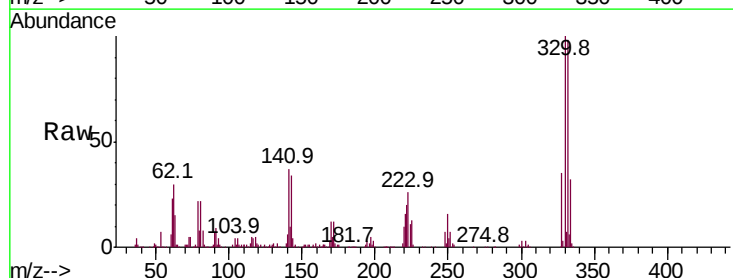
Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.3 | 82.4  | 123.6 |
| 160     | 42.1  | 35.8  | 53.6  |



#41  
 2,4,6-Tribromophenol  
 Concen: 118.254 ng  
 RT: 16.14 min Scan# 2185  
 Delta R.T. -0.00 min  
 Lab File: BM016623.D  
 Acq: 28 Aug 2018 02:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 0.0   | 0.0#  |
| 141     | 39.5  | 0.0   | 0.0#  |

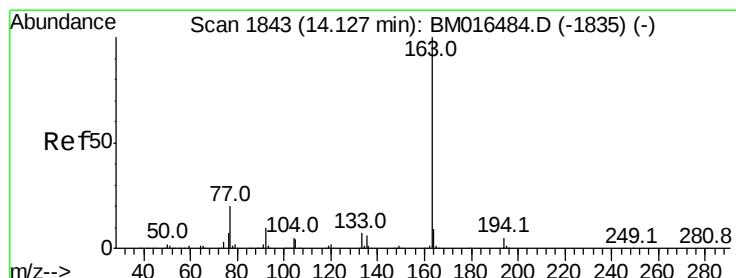
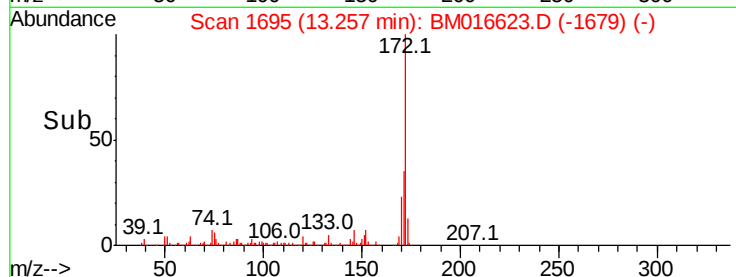
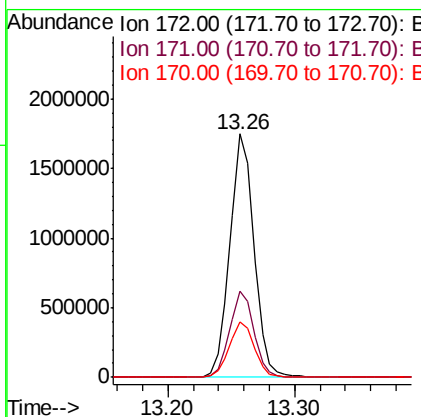
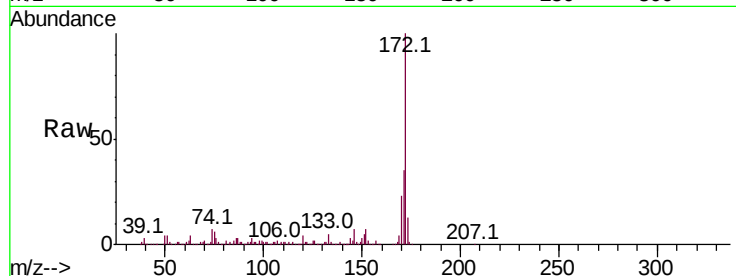




#44  
2-Fluorobiphenyl  
Concen: 122.791 ng  
RT: 13.26 min Scan# 1695  
Delta R.T. -0.01 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

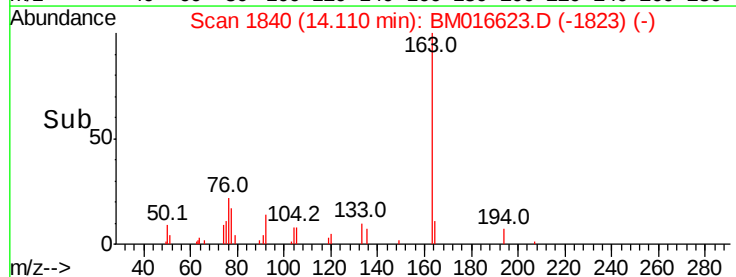
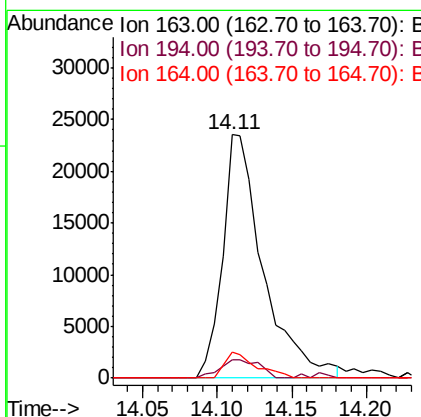
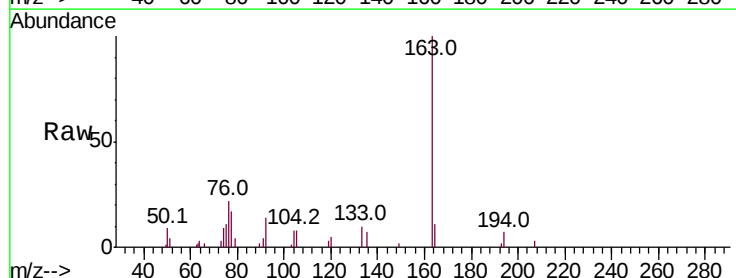
Instrument :  
BNA\_M  
ClientSampleId :

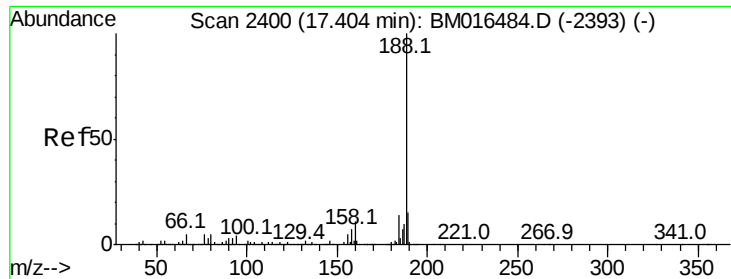
Tot Ion:172 Resp: 2301941  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 22.8 18.8 28.2



#49  
Dimethylphthalate  
Concen: 2.594 ng  
RT: 14.11 min Scan# 1840  
Delta R.T. -0.00 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

Tgt Ion:163 Resp: 44905  
Ion Ratio Lower Upper  
163 100  
194 7.5 2.7 4.1#  
164 10.9 8.2 12.2

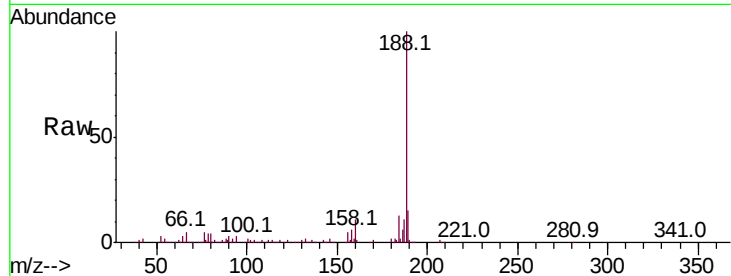




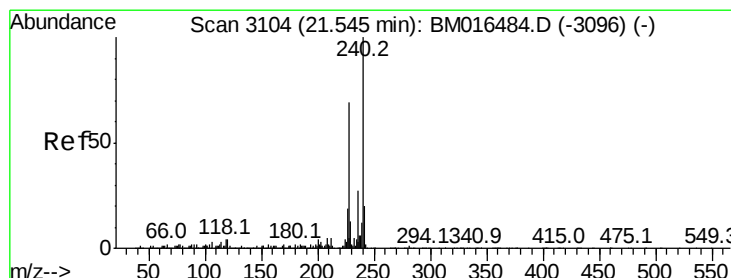
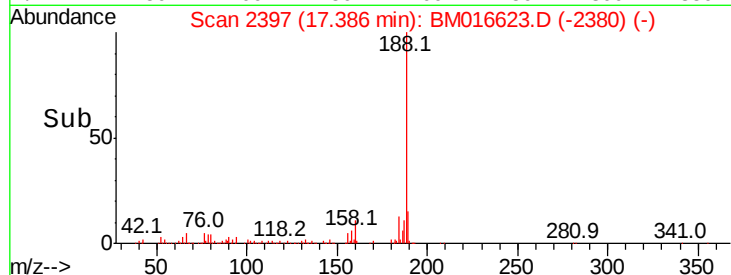
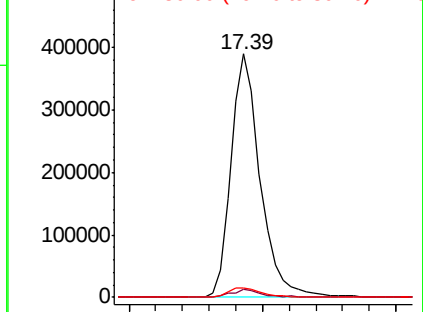
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2397  
Delta R.T. -0.00 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:188 Resp: 594803  
Ion Ratio Lower Upper  
188 100  
94 3.4 8.7 13.1#  
80 4.0 9.3 13.9#

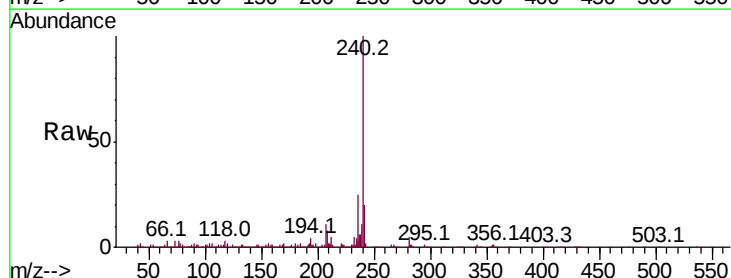


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

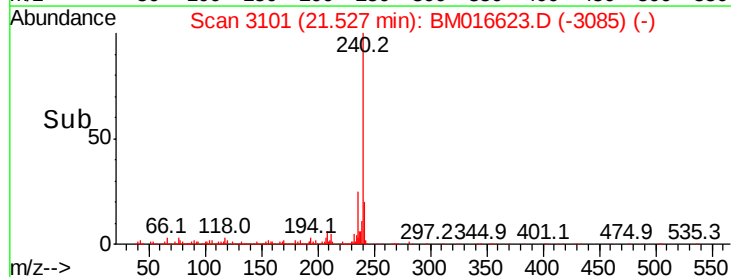
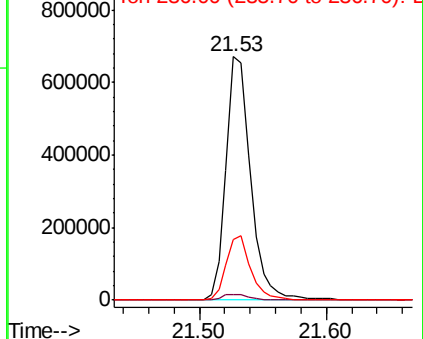


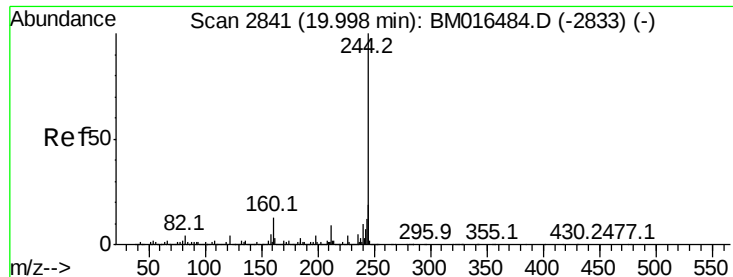
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016623.D  
Acq: 28 Aug 2018 02:16

Tgt Ion:240 Resp: 903679  
Ion Ratio Lower Upper  
240 100  
120 2.4 8.2 12.2#  
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 152.398 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016623.D

Acq: 28 Aug 2018 02:16

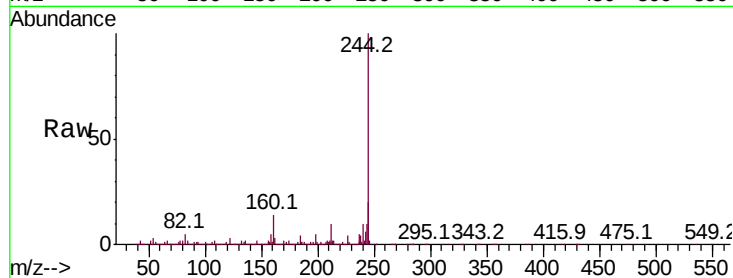
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 6506702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.6   | 4.9   | 7.3#  |
| 122 | 3.3   | 6.2   | 9.4#  |

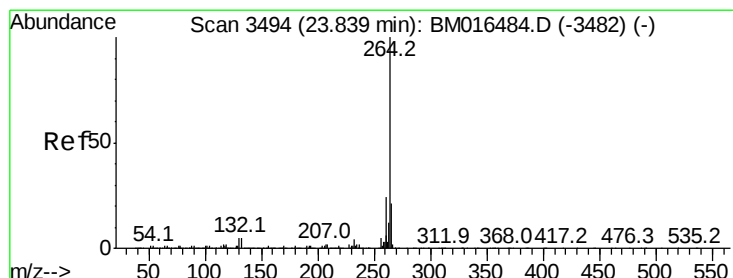
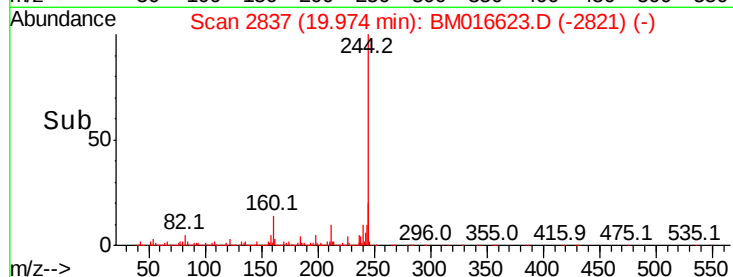
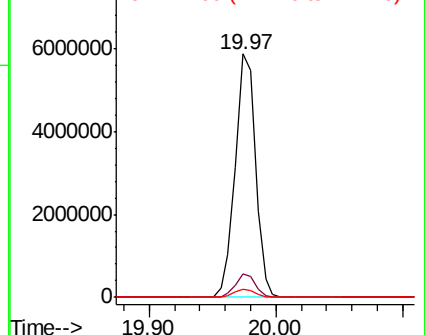


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3489

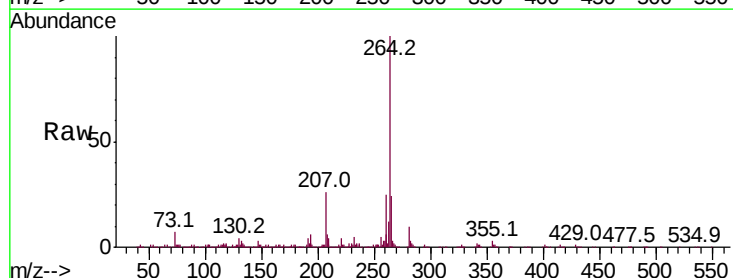
Delta R.T. -0.01 min

Lab File: BM016623.D

Acq: 28 Aug 2018 02:16

Tgt Ion:264 Resp: 1053555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 18.6  | 27.8  |
| 265 | 23.6  | 17.3  | 25.9  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

