

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\  
 Data File : BF082134.D  
 Acq On : 8 Oct 2015 18:38  
 Operator : UM/IZ  
 Sample : G3945-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MGP215BR-12-14

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.040       | 251           | 254         | 266          | rVB      | 615943         | 917636        | 39.13%          | 4.533%        |
| 2         | 5.463       | 288           | 291         | 293          | rBV      | 1592099        | 1894864       | 80.80%          | 9.359%        |
| 3         | 6.492       | 378           | 381         | 384          | rBV      | 1447078        | 1708089       | 72.84%          | 8.437%        |
| 4         | 6.629       | 390           | 393         | 395          | rBV      | 2091097        | 1985285       | 84.66%          | 9.806%        |
| 5         | 6.857       | 411           | 413         | 416          | rBV      | 368624         | 414988        | 17.70%          | 2.050%        |
| 6         | 7.017       | 425           | 427         | 429          | rBV      | 1792924        | 1555064       | 66.31%          | 7.681%        |
| 7         | 7.429       | 460           | 463         | 469          | rBV      | 1101778        | 1138126       | 48.53%          | 5.622%        |
| 8         | 8.149       | 523           | 526         | 528          | rBV      | 661348         | 582718        | 24.85%          | 2.878%        |
| 9         | 9.098       | 606           | 609         | 611          | rBV      | 27164          | 32868         | 1.40%           | 0.162%        |
| 10        | 9.223       | 618           | 620         | 623          | rBV      | 2049755        | 2007549       | 85.61%          | 9.916%        |
| 11        | 9.623       | 652           | 655         | 657          | rBV      | 383439         | 356591        | 15.21%          | 1.761%        |
| 12        | 9.898       | 677           | 679         | 682          | rBV      | 488240         | 681551        | 29.06%          | 3.366%        |
| 13        | 10.309      | 712           | 715         | 716          | rBV      | 15373          | 24297         | 1.04%           | 0.120%        |
| 14        | 10.698      | 746           | 749         | 751          | rBV      | 1404421        | 1563045       | 66.65%          | 7.721%        |
| 15        | 10.801      | 757           | 758         | 765          | rVB      | 40278          | 48422         | 2.06%           | 0.239%        |
| 16        | 11.246      | 795           | 797         | 799          | rBV      | 26810          | 29679         | 1.27%           | 0.147%        |
| 17        | 11.395      | 807           | 810         | 812          | rBV      | 502882         | 693779        | 29.58%          | 3.427%        |
| 18        | 12.984      | 946           | 949         | 951          | rBV      | 1737745        | 2345057       | 100.00%         | 11.583%       |
| 19        | 13.864      | 1024          | 1026        | 1037         | rBV      | 148391         | 214324        | 9.14%           | 1.059%        |
| 20        | 14.024      | 1038          | 1040        | 1043         | rBV      | 466648         | 665539        | 28.38%          | 3.287%        |
| 21        | 14.492      | 1078          | 1081        | 1087         | rBV3     | 9308           | 25774         | 1.10%           | 0.127%        |
| 22        | 14.778      | 1104          | 1106        | 1110         | rBV2     | 43656          | 49883         | 2.13%           | 0.246%        |
| 23        | 14.858      | 1110          | 1113        | 1116         | rVB2     | 24572          | 43334         | 1.85%           | 0.214%        |
| 24        | 15.258      | 1145          | 1148        | 1152         | rVB      | 50104          | 73044         | 3.11%           | 0.361%        |
| 25        | 15.475      | 1164          | 1167        | 1186         | rBV      | 363929         | 576764        | 24.59%          | 2.849%        |
| 26        | 15.727      | 1186          | 1189        | 1193         | rBV      | 64545          | 117828        | 5.02%           | 0.582%        |
| 27        | 16.287      | 1234          | 1238        | 1244         | rVB      | 71990          | 137911        | 5.88%           | 0.681%        |
| 28        | 16.950      | 1291          | 1296        | 1303         | rBV      | 54902          | 139702        | 5.96%           | 0.690%        |
| 29        | 17.761      | 1359          | 1367        | 1373         | rBV      | 32275          | 99010         | 4.22%           | 0.489%        |
| 30        | 18.767      | 1450          | 1455        | 1465         | rVB2     | 17441          | 66151         | 2.82%           | 0.327%        |
| 31        | 20.013      | 1556          | 1564        | 1573         | rVB2     | 11713          | 56504         | 2.41%           | 0.279%        |

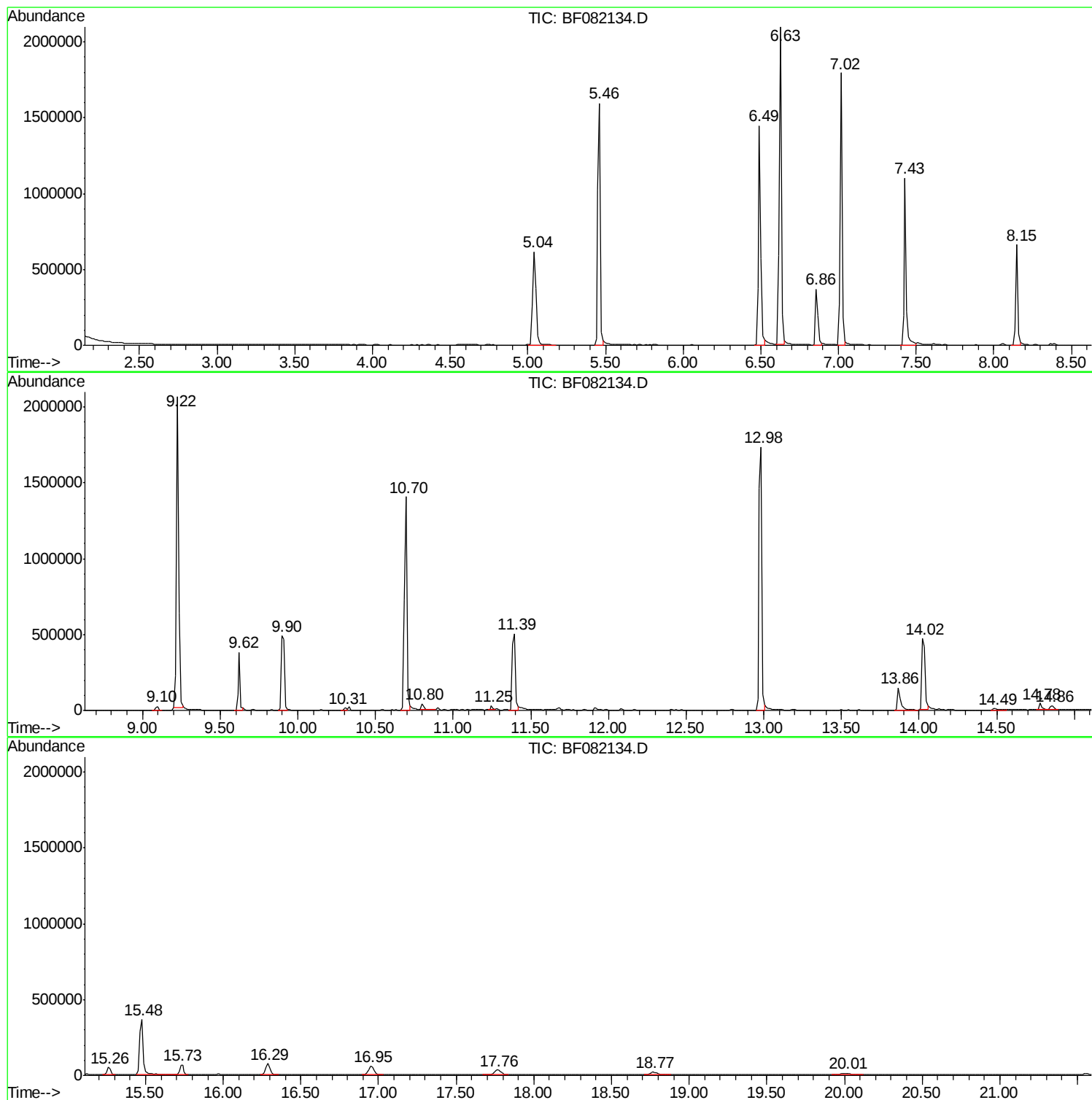
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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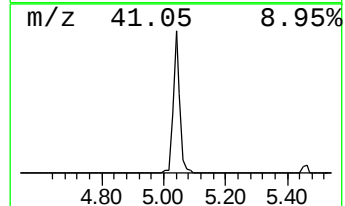
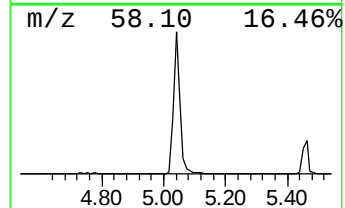
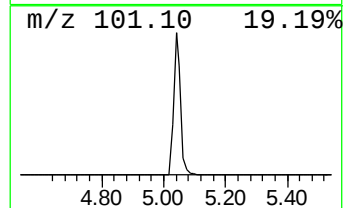
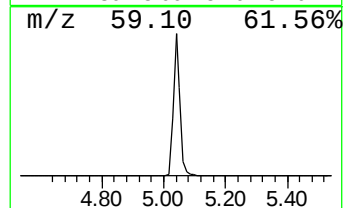
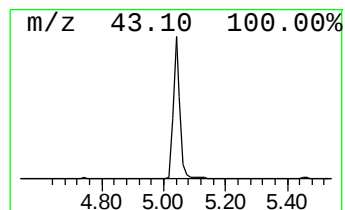
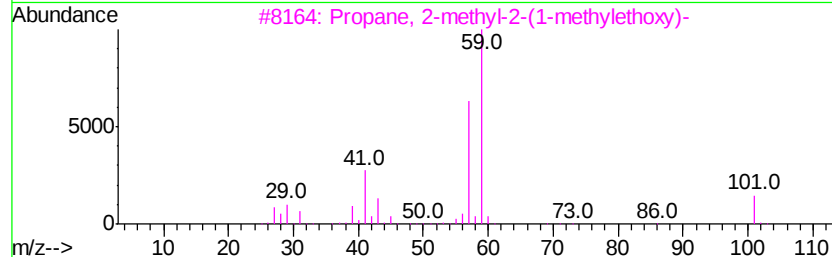
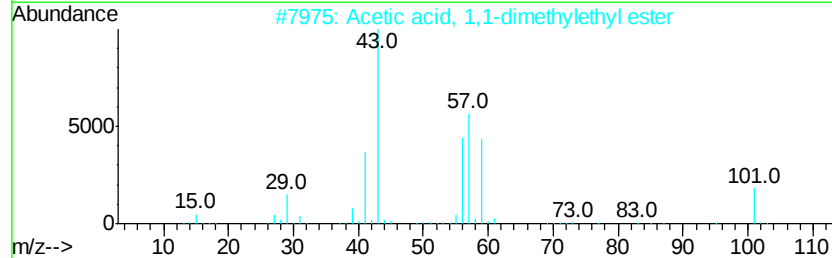
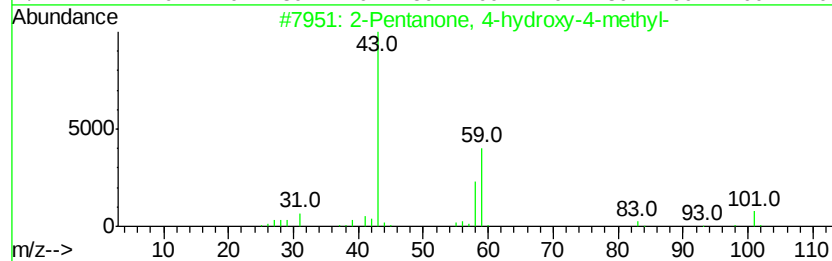
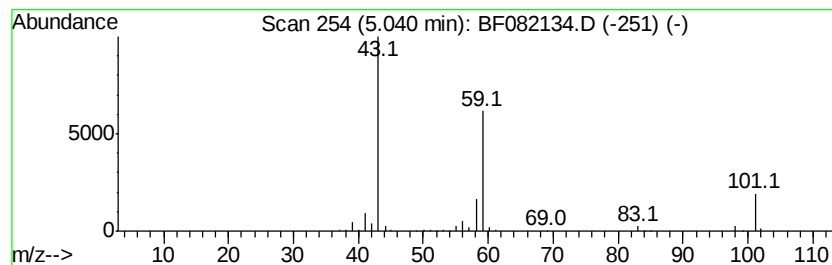
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.04 | 44.22 ng | 917636 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 28   |
| 4    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |



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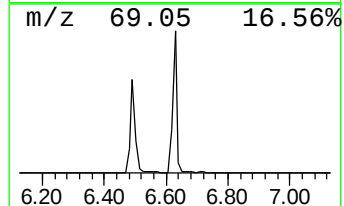
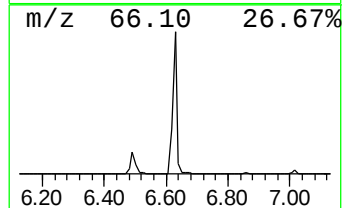
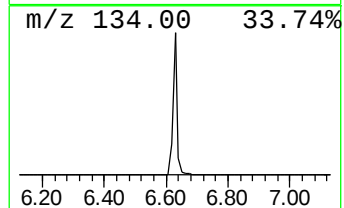
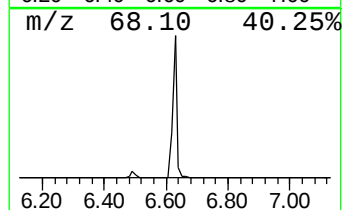
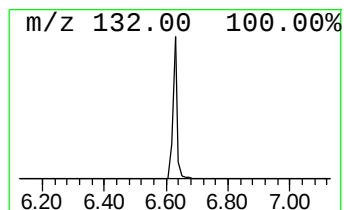
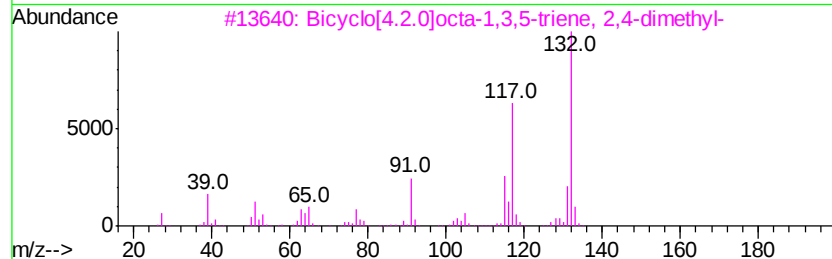
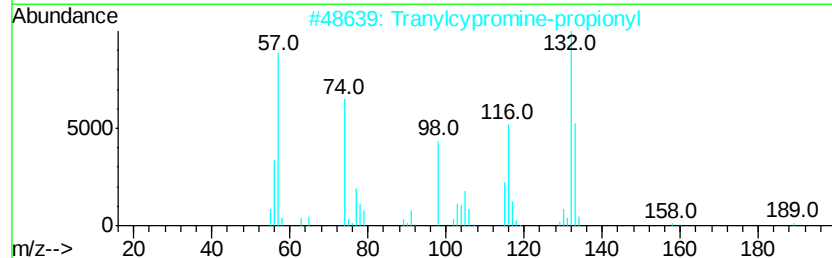
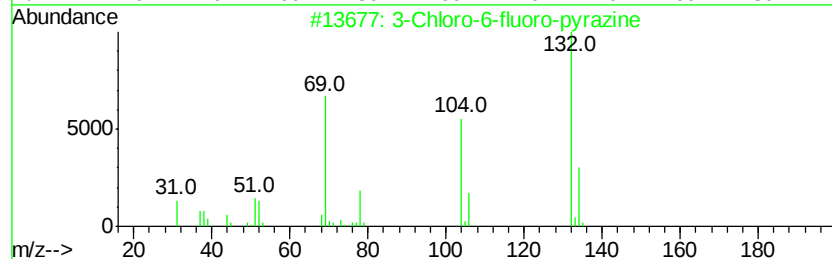
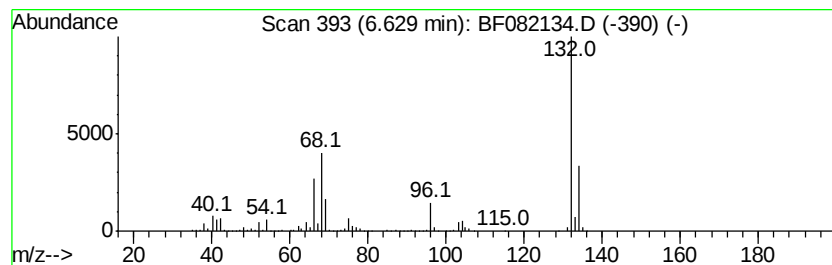
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.63 | 95.68 ng | 1985290 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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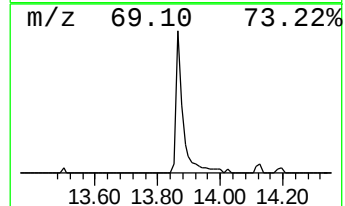
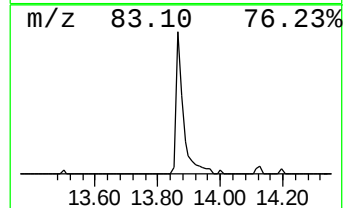
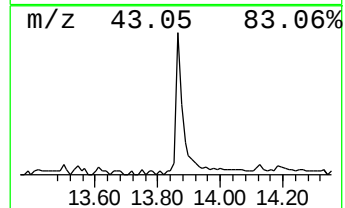
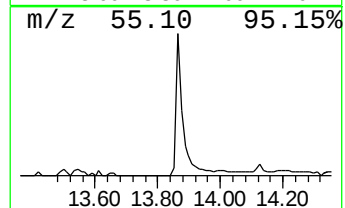
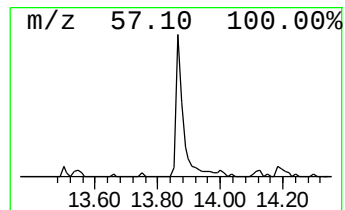
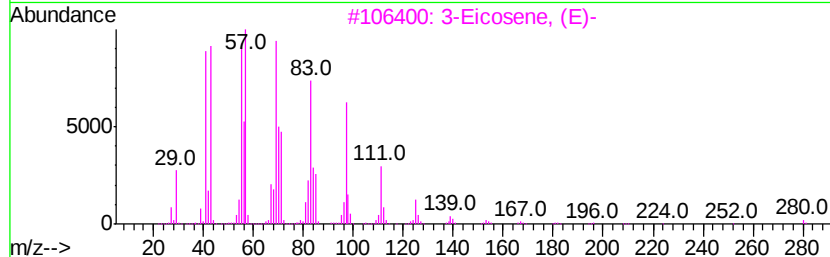
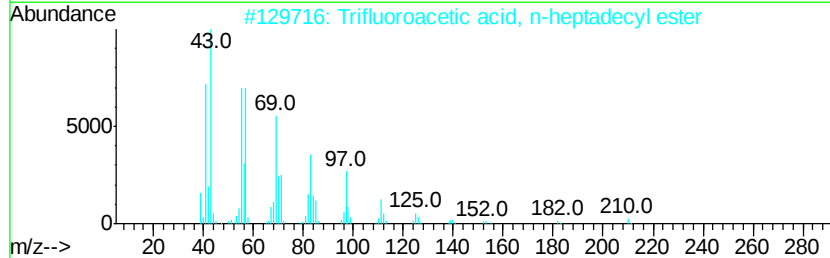
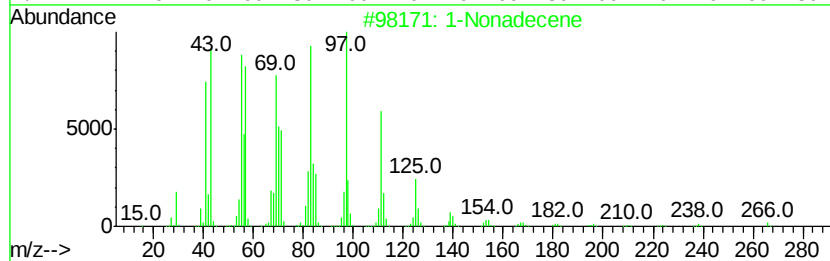
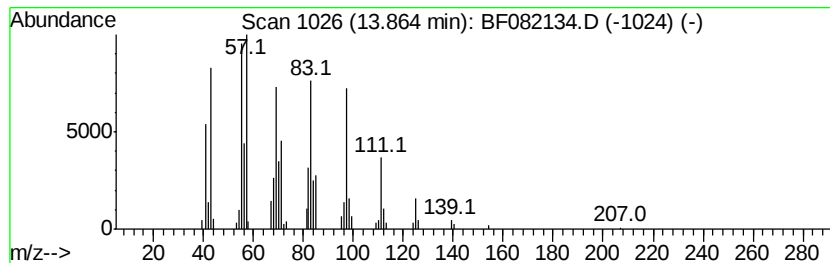
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 1-Nonadecene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.86 | 6.44 ng | 214324 | Chrysene-d12     | 14.04 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-------------|--------------|------|
| 1       | 1-Nonadecene                        |              | 266 | C19H38      | 018435-45-5  | 91   |
| 2       | Trifluoroacetic acid, n-heptadec... |              | 324 | C17H31F3O2  | 1000216-79-2 | 91   |
| 3       | 3-Eicosene, (E)-                    |              | 280 | C20H40      | 074685-33-9  | 91   |
| 4       | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |
| 5       | 1-Heptadecanol                      |              | 256 | C17H36O     | 001454-85-9  | 90   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
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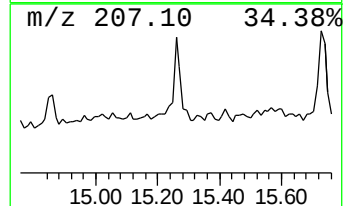
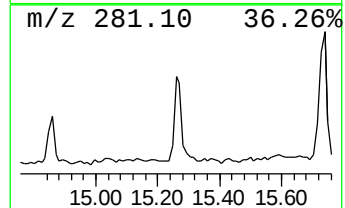
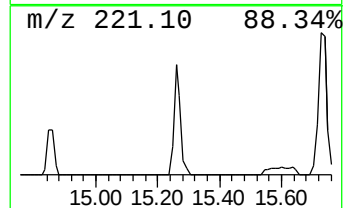
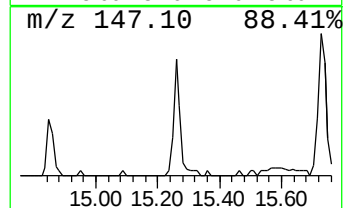
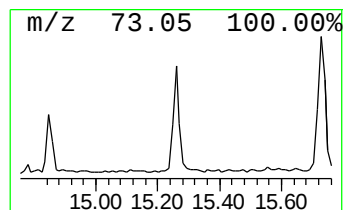
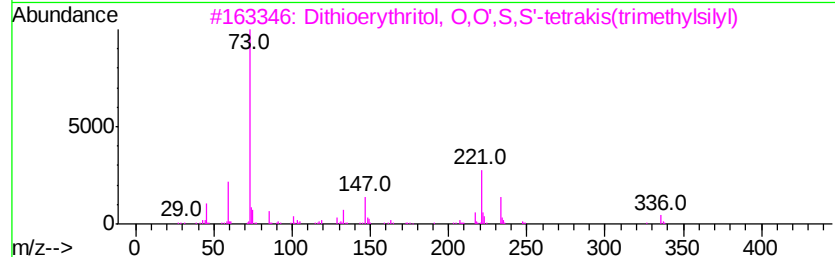
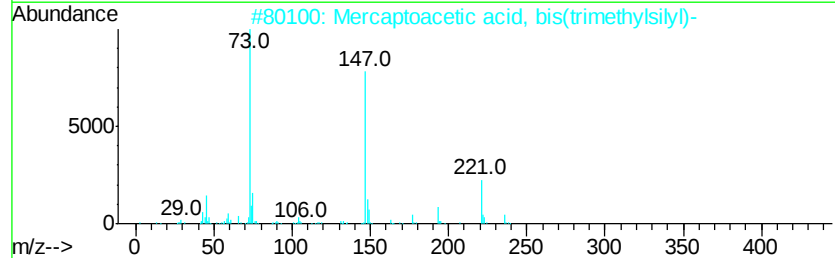
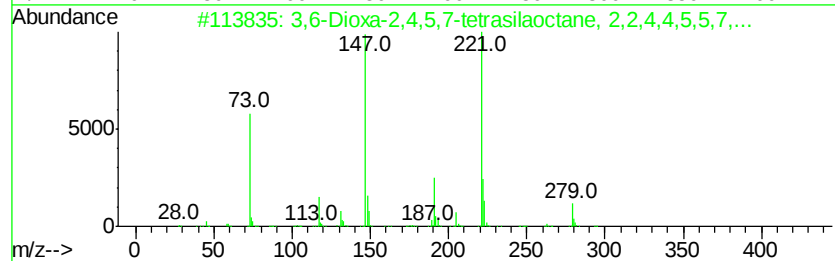
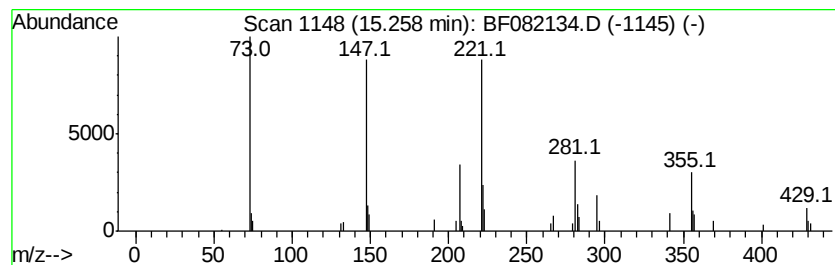
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown15.26 Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.26 | 2.53 ng | 73044 | Perylene-d12     | 15.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4   | 004342-25-0  | 42   |
| 2    |    | Mercaptoacetic acid, bis(trimeth... | 236 | C8H20O2SSi2   | 006398-62-5  | 40   |
| 3    |    | Dithioerythritol, O,O',S,S'-tetr... | 442 | C16H42O2S2Si4 | 1000079-30-7 | 38   |
| 4    |    | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6   | 038147-00-1  | 38   |
| 5    |    | Cholestane, 3-thiocyanato-, (3.a... | 429 | C28H47NS      | 020997-49-3  | 27   |



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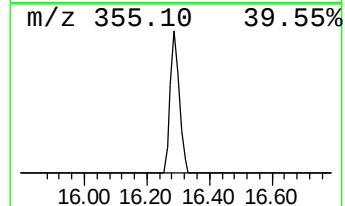
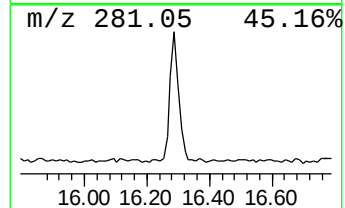
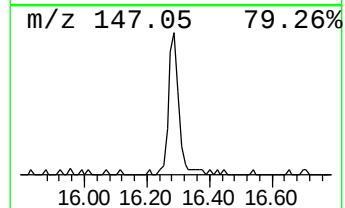
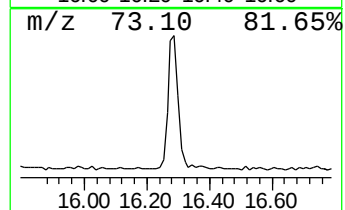
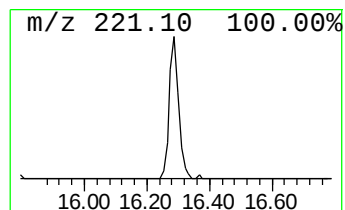
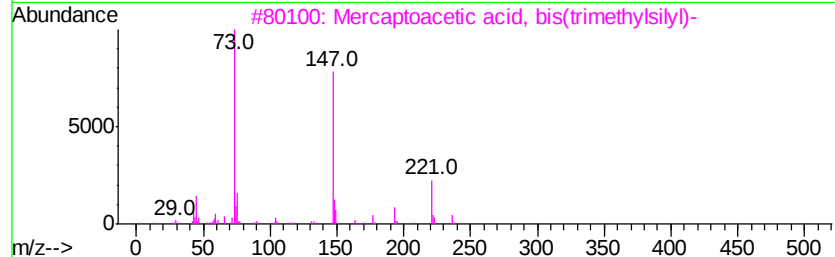
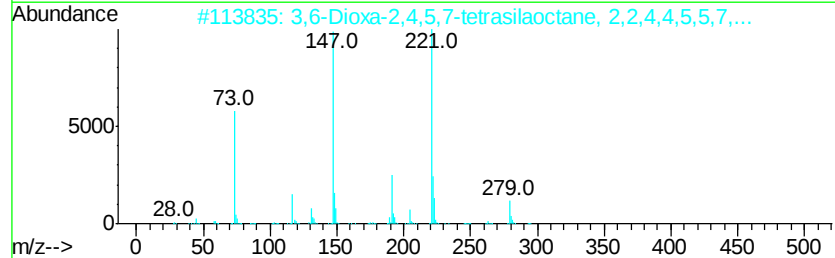
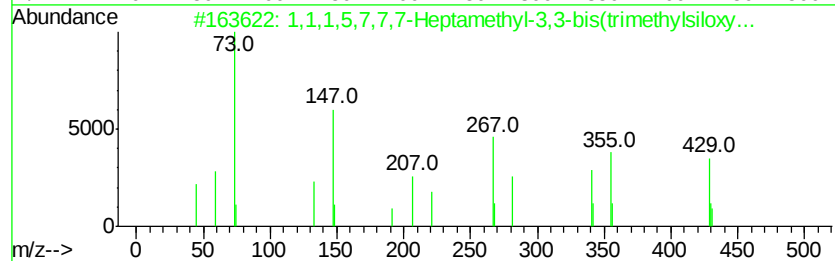
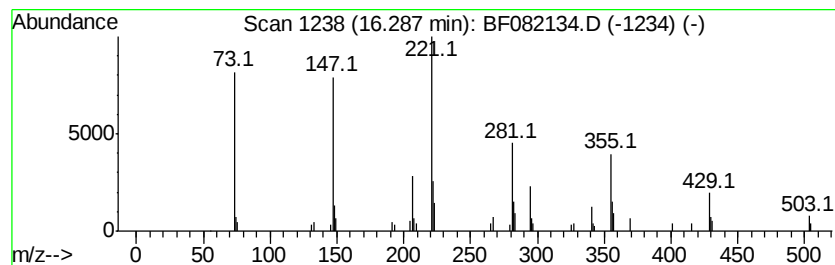
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown16.29 Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.29 | 4.78 ng | 137911 | Perylene-d12     | 15.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6  | 038147-00-1  | 43   |
| 2    |    | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4  | 004342-25-0  | 43   |
| 3    |    | Mercaptoacetic acid, bis(trimeth... | 236 | C8H20O2SSi2  | 006398-62-5  | 32   |
| 4    |    | 2,6-Dimethyl-3,4-bis(trimethylsi... | 311 | C15H29N02Si2 | 1000079-52-1 | 25   |
| 5    |    | 2-(2',4',4',6',6',8',8'-Heptamet... | 652 | C16H48O10Si9 | 145344-72-5  | 25   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\  
Data File : BF082134.D  
Acq On : 8 Oct 2015 18:38  
Operator : UM/IZ  
Sample : G3945-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-12-14

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

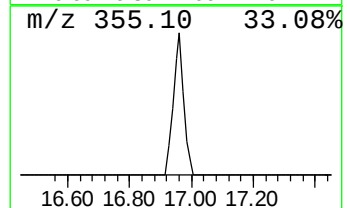
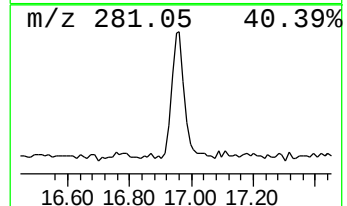
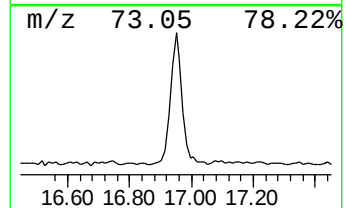
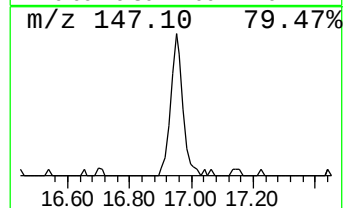
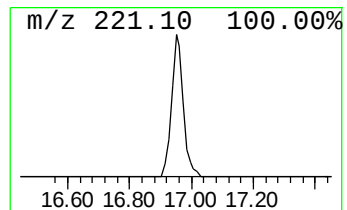
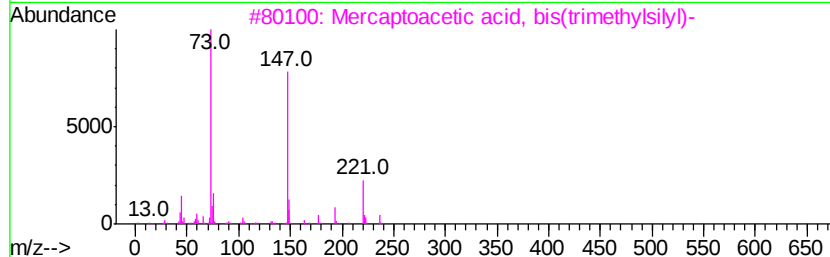
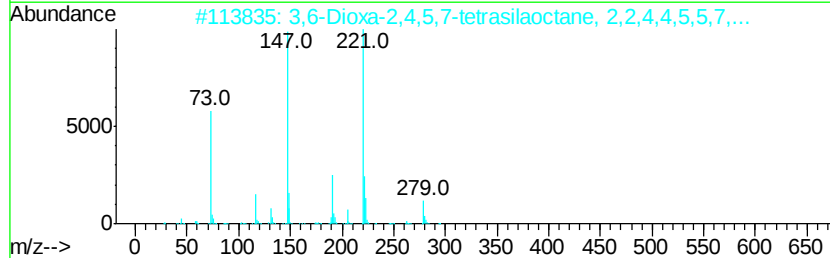
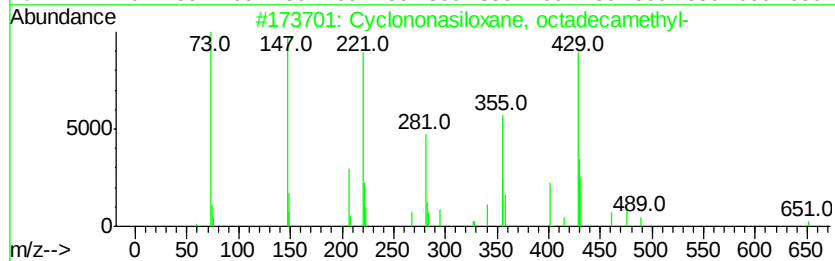
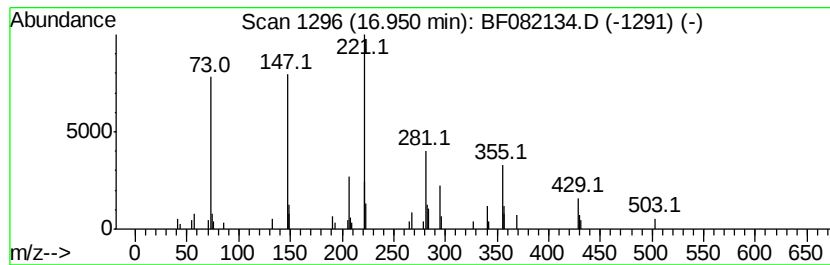
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown16.95 Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.95 | 4.84 ng | 139702 | Perylene-d12     | 15.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9  | 000556-71-8  | 68   |
| 2    |    | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4  | 004342-25-0  | 40   |
| 3    |    | Mercaptoacetic acid, bis(trimeth... | 236 | C8H20O2SSi2  | 006398-62-5  | 38   |
| 4    |    | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6  | 038147-00-1  | 37   |
| 5    |    | 2,6-Dimethyl-3,4-bis(trimethylsi... | 311 | C15H29N02Si2 | 1000079-52-1 | 32   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\  
Data File : BF082134.D  
Acq On : 8 Oct 2015 18:38  
Operator : UM/IZ  
Sample : G3945-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-12-14

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

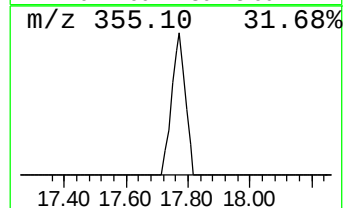
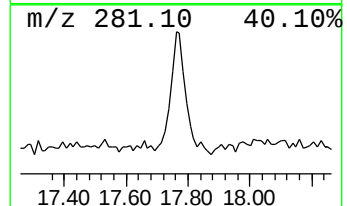
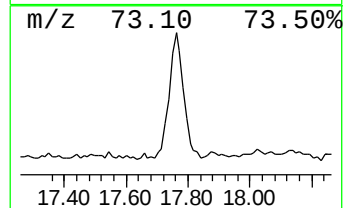
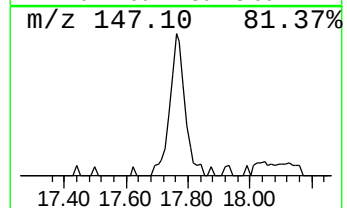
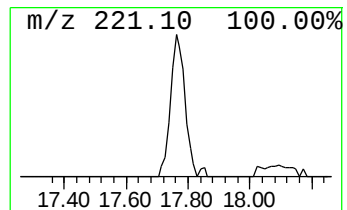
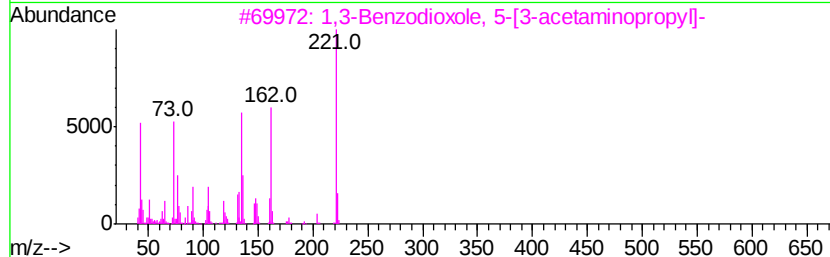
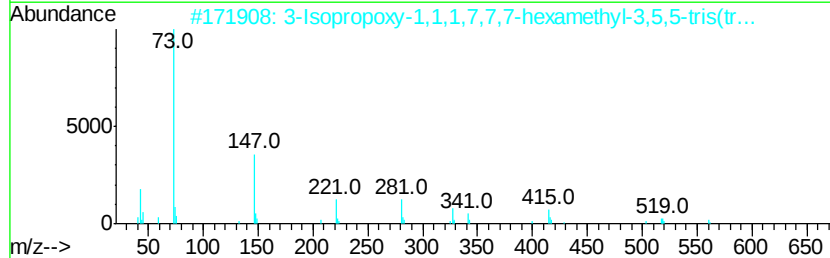
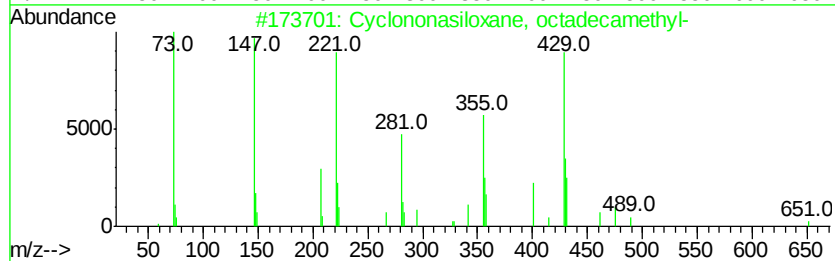
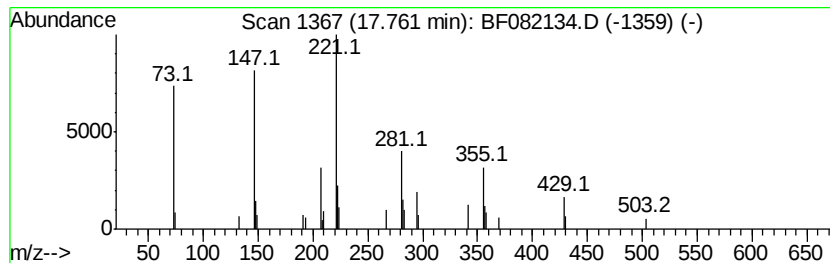
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown17.76 Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.76 | 3.43 ng | 99010 | Perylene-d12     | 15.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8  | 91   |
| 2    |    | 3-Isopropoxy-1,1,1,7,7,7-hexamet... | 576 | C18H52O7Si7 | 071579-69-6  | 37   |
| 3    |    | 1,3-Benzodioxole, 5-[3-acetamino... | 221 | C12H15N03   | 1000124-33-0 | 27   |
| 4    |    | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO    | 015089-22-2  | 27   |
| 5    |    | 9H-Purin-6-amine, N-methyl-9-(tr... | 221 | C9H15N5Si   | 032865-83-1  | 22   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100815\  
Data File : BF082134.D  
Acq On : 8 Oct 2015 18:38  
Operator : UM/IZ  
Sample : G3945-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-12-14

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.04  | 44.2    | ng    | 917636   | 1                     | 6.86  | 414988 | 20.0 |
| unknown6.63          | 6.63  | 95.7    | ng    | 1985290  | 1                     | 6.86  | 414988 | 20.0 |
| 1-Nonadecene         | 13.86 | 6.4     | ng    | 214324   | 5                     | 14.04 | 665539 | 20.0 |
| unknown15.26         | 15.26 | 2.5     | ng    | 73044    | 6                     | 15.48 | 576764 | 20.0 |
| unknown16.29         | 16.29 | 4.8     | ng    | 137911   | 6                     | 15.48 | 576764 | 20.0 |
| unknown16.95         | 16.95 | 4.8     | ng    | 139702   | 6                     | 15.48 | 576764 | 20.0 |
| unknown17.76         | 17.76 | 3.4     | ng    | 99010    | 6                     | 15.48 | 576764 | 20.0 |