

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
 Data File : BF082722.D  
 Acq On : 5 Nov 2015 11:43  
 Operator : UM/IZ  
 Sample : G4241-16  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09(18-20)

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-BF103015.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         | 2.201       | 9             | 10          | 20           | rVB      | 77564          | 159497        | 3.74%           | 0.369%        |
| 2         | 5.047       | 255           | 259         | 261          | rBV      | 1195320        | 1713366       | 40.14%          | 3.964%        |
| 3         | 5.470       | 293           | 296         | 298          | rBV      | 2674168        | 3498140       | 81.95%          | 8.094%        |
| 4         | 6.487       | 382           | 385         | 388          | rBV      | 3010344        | 3163907       | 74.12%          | 7.321%        |
| 5         | 6.624       | 395           | 397         | 400          | rBV      | 3182938        | 3297299       | 77.25%          | 7.629%        |
| 6         | 6.864       | 415           | 418         | 420          | rBV      | 1144979        | 1161751       | 27.22%          | 2.688%        |
| 7         | 7.013       | 429           | 431         | 434          | rVB      | 1985832        | 2588479       | 60.64%          | 5.989%        |
| 8         | 7.425       | 464           | 467         | 469          | rBV      | 2269722        | 2505439       | 58.70%          | 5.797%        |
| 9         | 8.145       | 528           | 530         | 533          | rBV      | 1618923        | 1474329       | 34.54%          | 3.411%        |
| 10        | 9.230       | 622           | 625         | 627          | rBV      | 3724143        | 4268555       | 100.00%         | 9.877%        |
| 11        | 9.345       | 634           | 635         | 638          | rVB2     | 64779          | 85333         | 2.00%           | 0.197%        |
| 12        | 9.619       | 656           | 659         | 661          | rBV      | 760982         | 677433        | 15.87%          | 1.567%        |
| 13        | 9.790       | 671           | 674         | 677          | rBV4     | 16628          | 44476         | 1.04%           | 0.103%        |
| 14        | 9.848       | 677           | 679         | 681          | rVB      | 73470          | 57480         | 1.35%           | 0.133%        |
| 15        | 9.905       | 681           | 684         | 686          | rBV      | 1781169        | 1819809       | 42.63%          | 4.211%        |
| 16        | 10.351      | 719           | 723         | 724          | rBV2     | 62062          | 120555        | 2.82%           | 0.279%        |
| 17        | 10.568      | 739           | 742         | 745          | rBV      | 63244          | 77433         | 1.81%           | 0.179%        |
| 18        | 10.682      | 750           | 752         | 755          | rBV2     | 2220657        | 2667567       | 62.49%          | 6.172%        |
| 19        | 10.819      | 762           | 764         | 768          | rVB      | 151805         | 213173        | 4.99%           | 0.493%        |
| 20        | 11.265      | 801           | 803         | 804          | rBV      | 151926         | 126176        | 2.96%           | 0.292%        |
| 21        | 11.299      | 804           | 806         | 808          | rVB      | 56594          | 60073         | 1.41%           | 0.139%        |
| 22        | 11.379      | 811           | 813         | 816          | rVV      | 1662320        | 1738327       | 40.72%          | 4.022%        |
| 23        | 11.448      | 816           | 819         | 821          | rVB2     | 25015          | 49021         | 1.15%           | 0.113%        |
| 24        | 11.562      | 826           | 829         | 832          | rBV5     | 17227          | 46971         | 1.10%           | 0.109%        |
| 25        | 11.619      | 832           | 834         | 836          | rVV      | 273482         | 258677        | 6.06%           | 0.599%        |
| 26        | 11.688      | 838           | 840         | 843          | rVB      | 92962          | 102537        | 2.40%           | 0.237%        |
| 27        | 11.916      | 858           | 860         | 862          | rBV      | 226883         | 248758        | 5.83%           | 0.576%        |
| 28        | 12.099      | 872           | 876         | 878          | rBV      | 120470         | 149333        | 3.50%           | 0.346%        |
| 29        | 12.179      | 880           | 883         | 886          | rVB2     | 44754          | 58354         | 1.37%           | 0.135%        |
| 30        | 12.442      | 903           | 906         | 908          | rBV      | 765657         | 1099438       | 25.76%          | 2.544%        |
| 31        | 12.488      | 908           | 910         | 912          | rVB      | 114318         | 105867        | 2.48%           | 0.245%        |
| 32        | 12.705      | 927           | 929         | 931          | rBV      | 113608         | 118340        | 2.77%           | 0.274%        |
| 33        | 12.808      | 936           | 938         | 939          | rVB      | 92235          | 114807        | 2.69%           | 0.266%        |
| 34        | 12.865      | 941           | 943         | 950          | rVB2     | 73024          | 112012        | 2.62%           | 0.259%        |

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 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09(18-20)

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

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.968 | 950  | 952  | 955  | rBV  | 3625020 | 3775828 | 88.46% | 8.737% |
| 36 | 13.219 | 970  | 974  | 975  | rBV2 | 132204  | 203330  | 4.76%  | 0.470% |
| 37 | 13.425 | 990  | 992  | 993  | rBV  | 225946  | 248022  | 5.81%  | 0.574% |
| 38 | 13.459 | 993  | 995  | 998  | rVV  | 227096  | 331924  | 7.78%  | 0.768% |
| 39 | 13.505 | 998  | 999  | 1002 | rVB3 | 80984   | 124870  | 2.93%  | 0.289% |
| 40 | 13.562 | 1002 | 1004 | 1005 | rBV  | 142513  | 147989  | 3.47%  | 0.342% |
| 41 | 13.882 | 1029 | 1032 | 1035 | rBV2 | 242640  | 456810  | 10.70% | 1.057% |
| 42 | 14.019 | 1042 | 1044 | 1047 | rBV  | 1904114 | 1840229 | 43.11% | 4.258% |
| 43 | 14.214 | 1058 | 1061 | 1063 | rBV  | 131306  | 134849  | 3.16%  | 0.312% |
| 44 | 14.522 | 1086 | 1088 | 1091 | rBV  | 97312   | 124267  | 2.91%  | 0.288% |
| 45 | 14.831 | 1113 | 1115 | 1118 | rVV  | 67842   | 93792   | 2.20%  | 0.217% |
| 46 | 14.911 | 1120 | 1122 | 1124 | rBV  | 60018   | 64418   | 1.51%  | 0.149% |
| 47 | 15.162 | 1142 | 1144 | 1147 | rBV  | 55420   | 80451   | 1.88%  | 0.186% |
| 48 | 15.471 | 1168 | 1171 | 1174 | rBV  | 930963  | 1437960 | 33.69% | 3.327% |
| 49 | 15.540 | 1174 | 1177 | 1181 | rVB  | 41320   | 62244   | 1.46%  | 0.144% |
| 50 | 15.962 | 1211 | 1214 | 1216 | rBV  | 36380   | 57188   | 1.34%  | 0.132% |
| 51 | 16.443 | 1251 | 1256 | 1259 | rBV4 | 19422   | 52001   | 1.22%  | 0.120% |

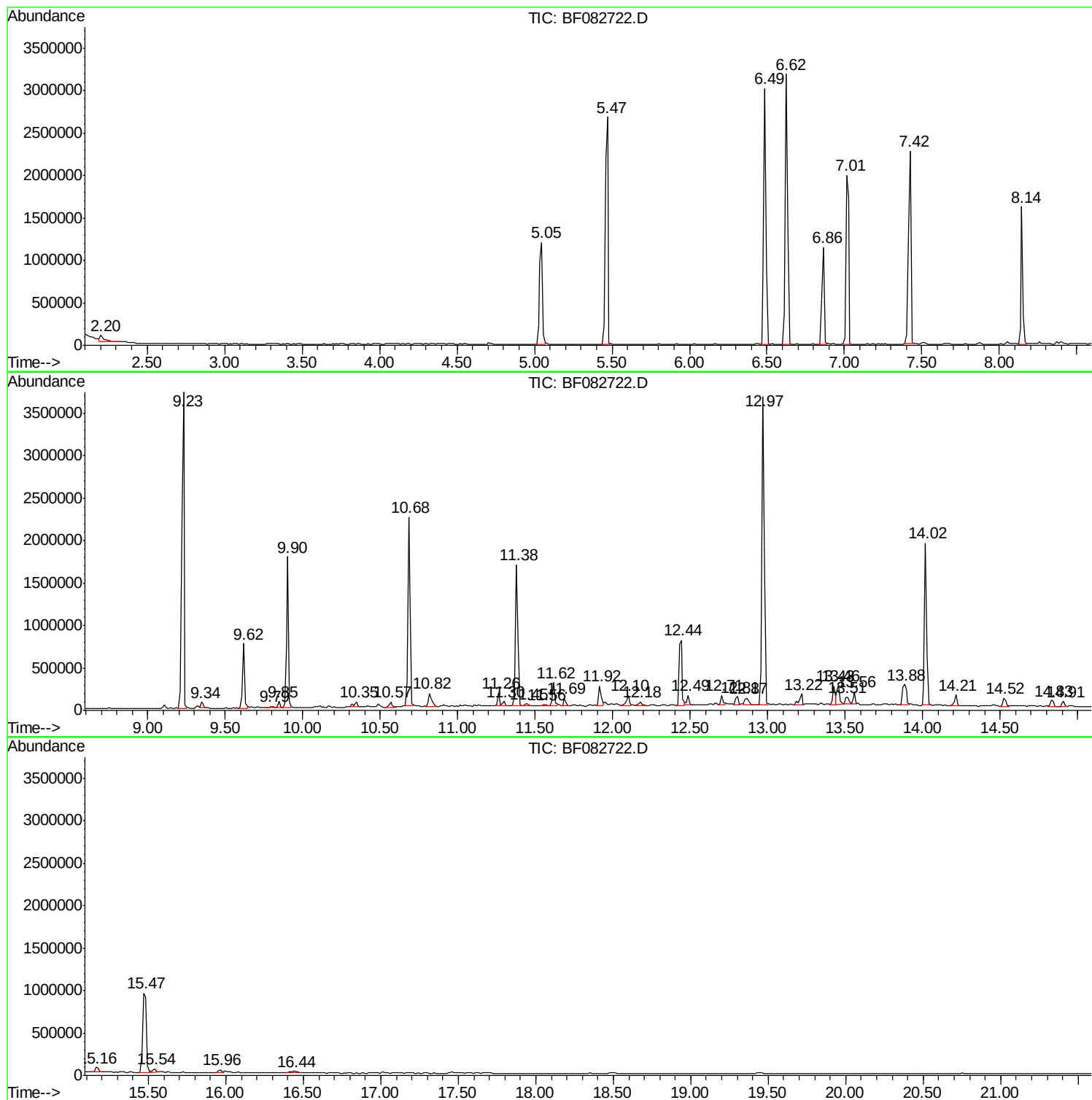
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BNA\_F  
ClientSampled :  
SB-09(18-20)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.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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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-09(18-20)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

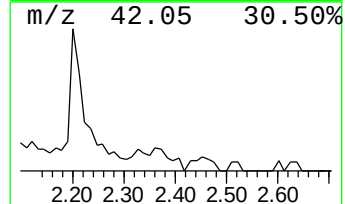
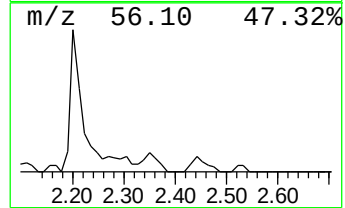
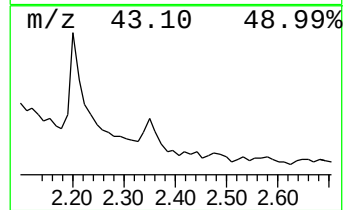
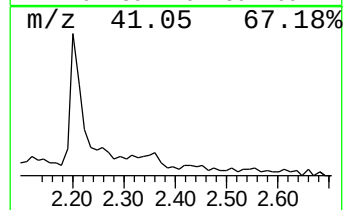
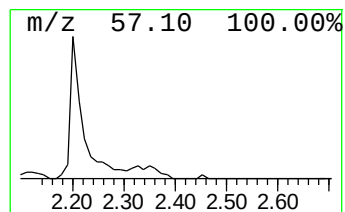
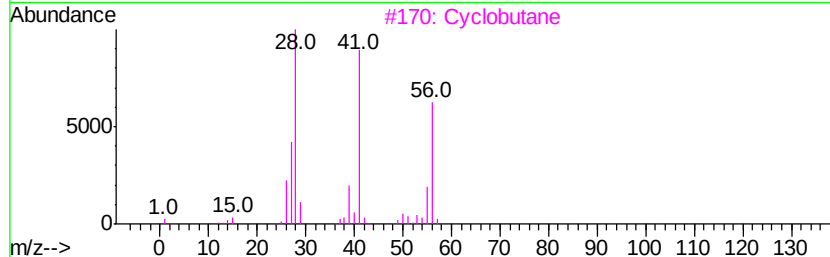
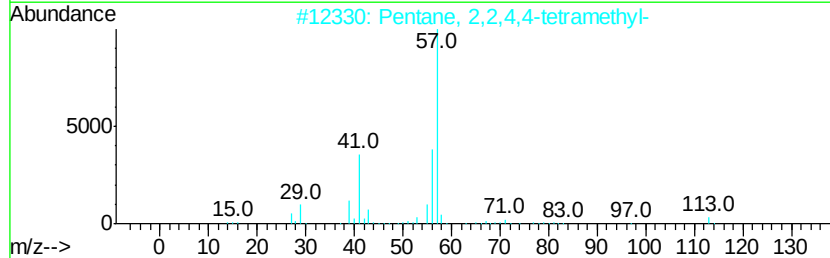
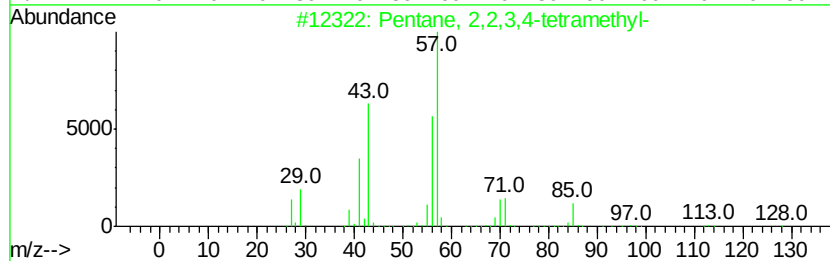
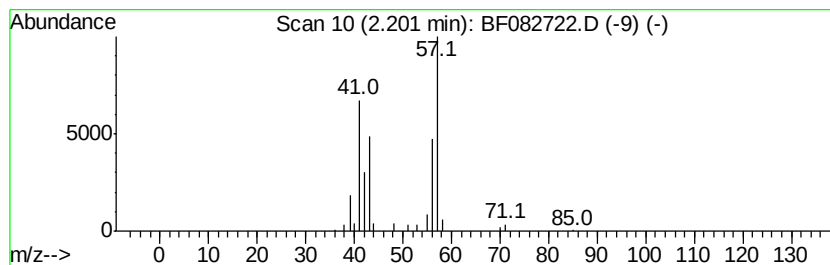
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.20 Concentration Rank 9

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 2.20 | 2.75 ng | 159497 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4 | 36   |
| 2    |    | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20   | 001070-87-7 | 33   |
| 3    |    | Cyclobutane                   | 56  | C4H8    | 000287-23-0 | 25   |
| 4    |    | Azetidine                     | 57  | C3H7N   | 000503-29-7 | 9    |
| 5    |    | Methane, isocyanato-          | 57  | C2H3NO  | 000624-83-9 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

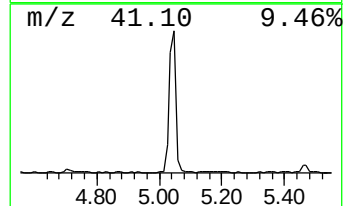
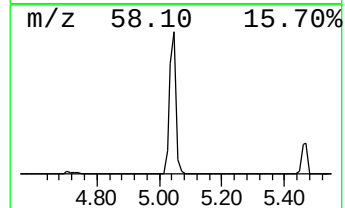
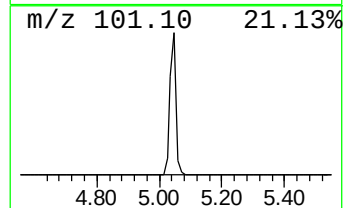
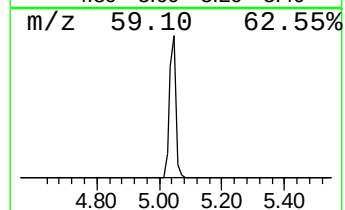
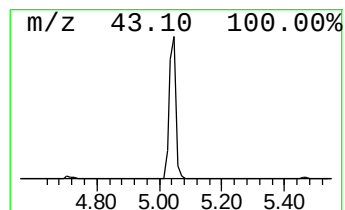
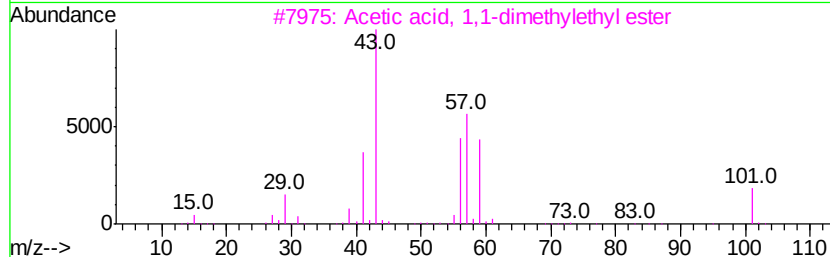
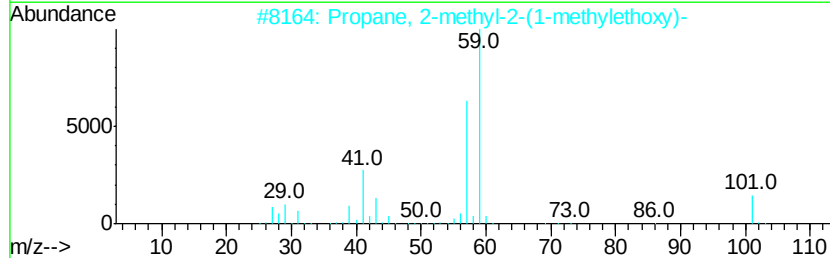
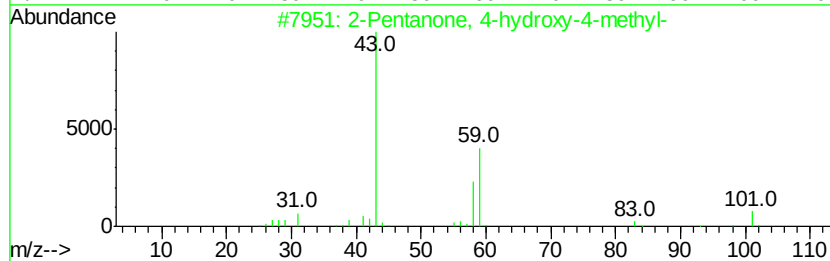
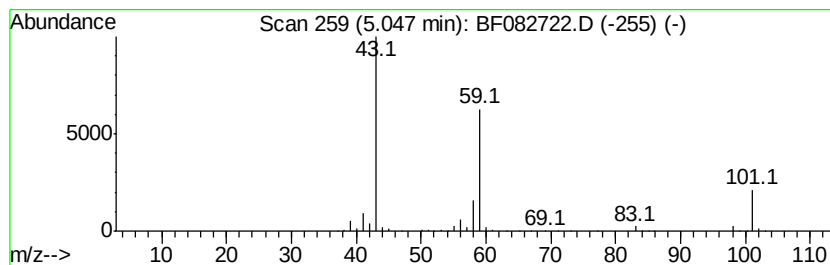
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.05 | 29.50 ng | 1713370 | 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    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 53   |
| 3    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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SB-09(18-20)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

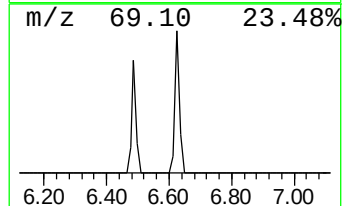
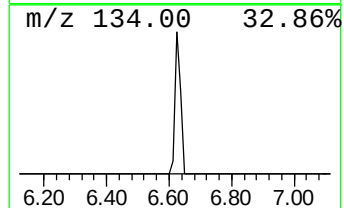
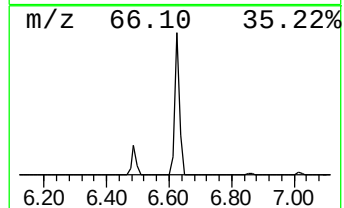
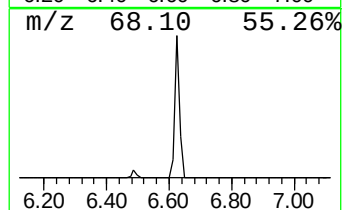
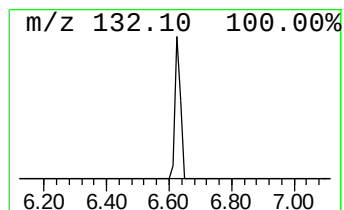
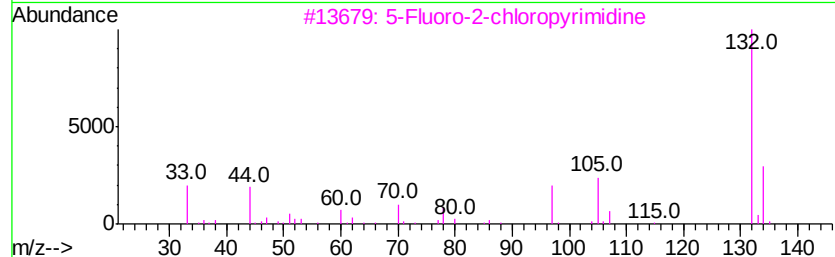
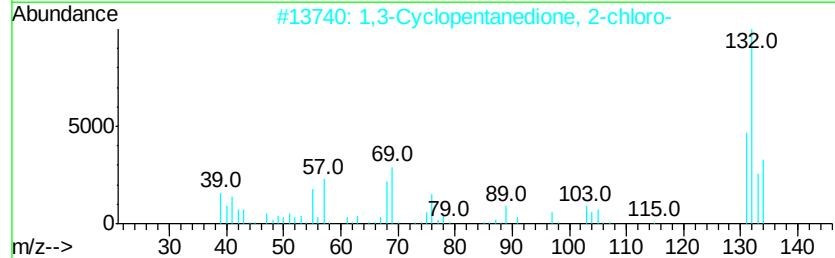
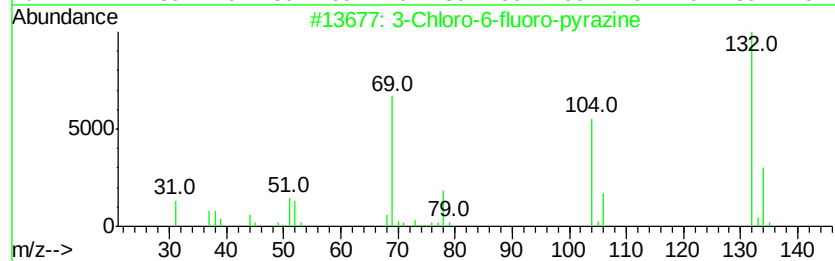
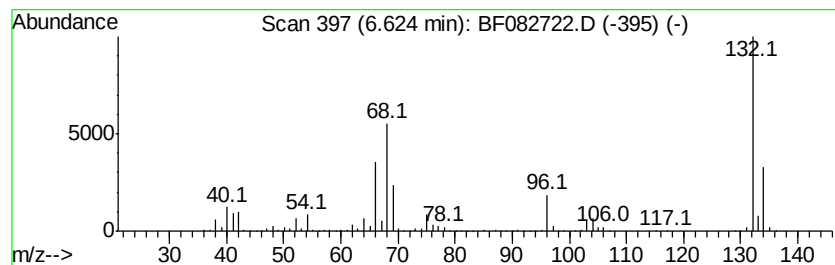
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown6.62 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.62 | 56.76 ng | 3297300 | 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    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | 2-Cyclohexen-1-one               | 96  | C6H8O     | 000930-68-7  | 11   |
| 5    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |



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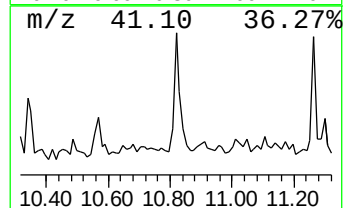
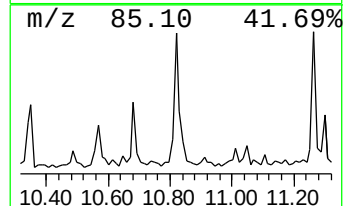
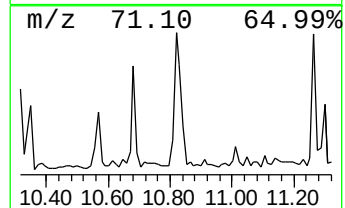
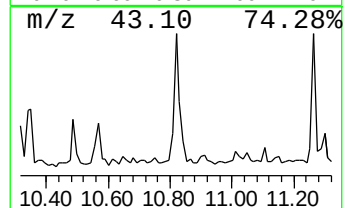
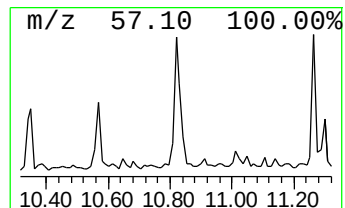
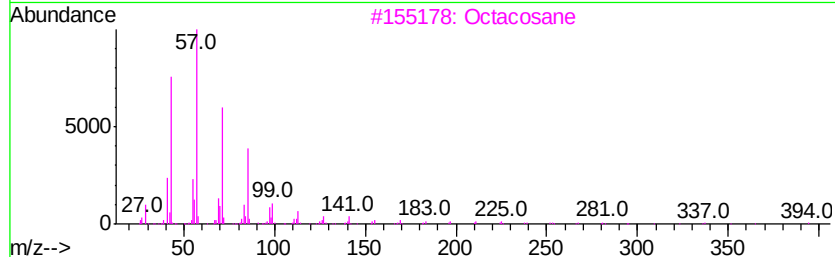
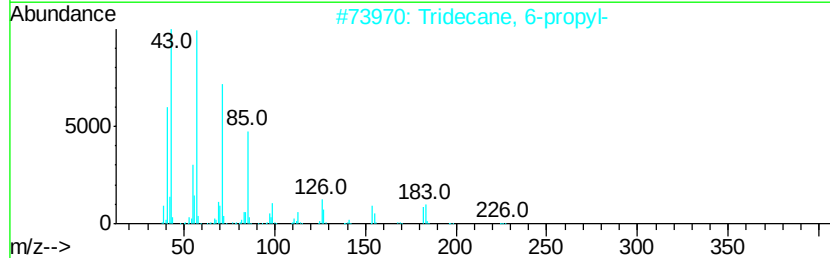
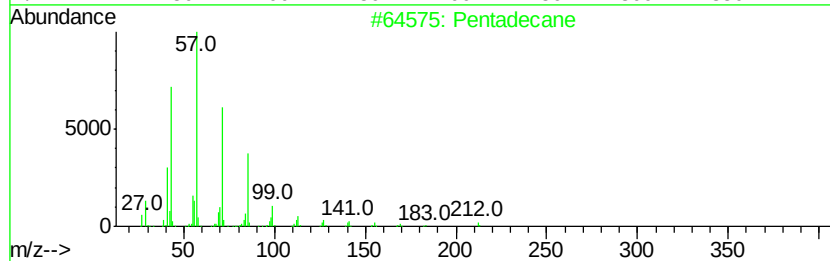
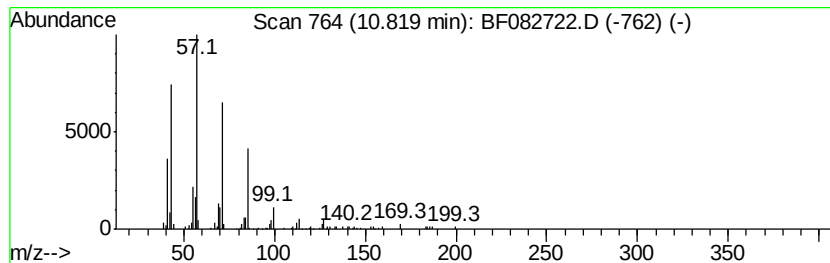
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09(18-20)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.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 5 Pentadecane Concentration Rank 11

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.      |
|---------|----------------------|--------------|------------------|-----------|
| 10.82   | 2.45 ng              | 213173       | Phenanthrene-d10 | 11.38     |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Pentadecane          | 212 C15H32   | 000629-62-9      | 90        |
| 2       | Tridecane, 6-propyl- | 226 C16H34   | 055045-10-8      | 90        |
| 3       | Octacosane           | 394 C28H58   | 000630-02-4      | 90        |
| 4       | Tetradecane          | 198 C14H30   | 000629-59-4      | 90        |
| 5       | Eicosane             | 282 C20H42   | 000112-95-8      | 90        |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
Data File : BF082722.D  
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Operator : UM/IZ  
Sample : G4241-16  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

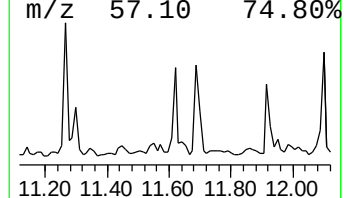
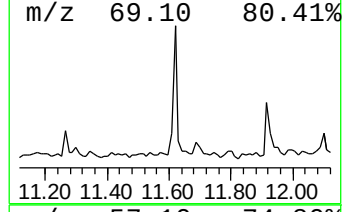
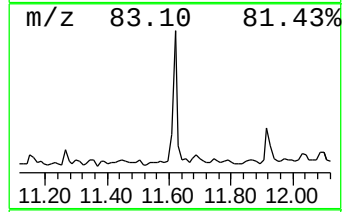
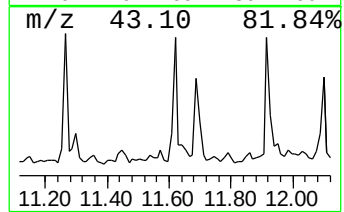
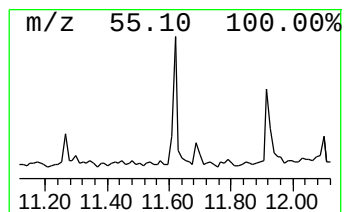
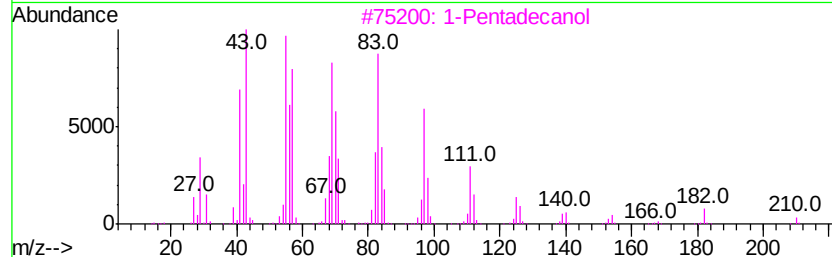
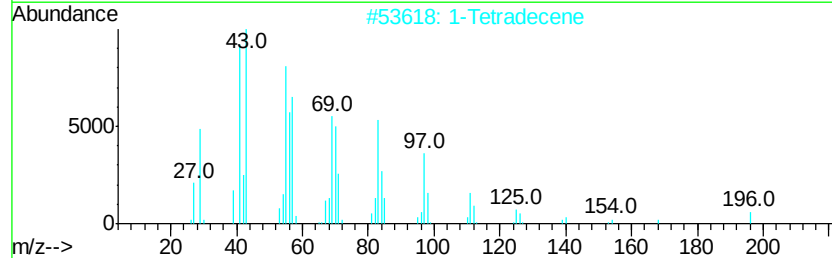
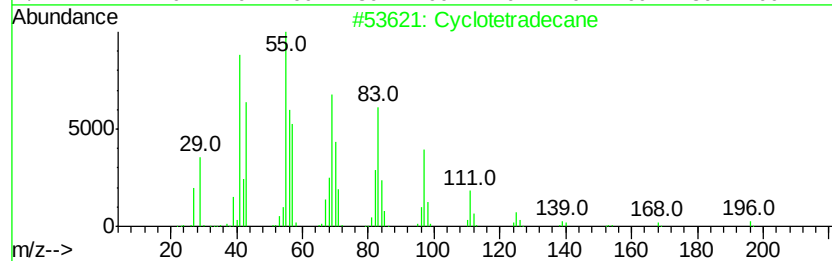
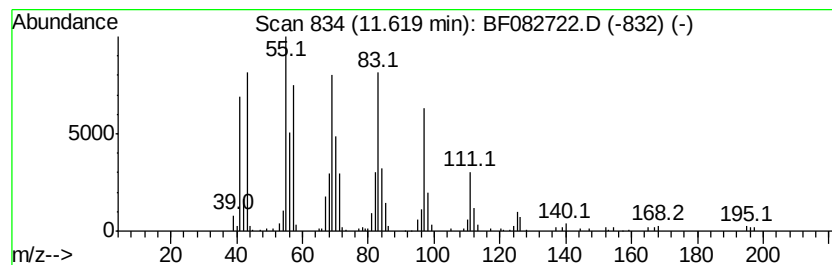
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SB-09(18-20)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Cyclotetradecane Concentration Rank 7

| R.T.      | EstConc          | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------|--------|------------------|-------------|------|
| 11.62     | 2.98 ng          | 258677 | Phenanthrene-d10 | 11.38       |      |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclotetradecane | 196    | C14H28           | 000295-17-0 | 98   |
| 2         | 1-Tetradecene    | 196    | C14H28           | 001120-36-1 | 95   |
| 3         | 1-Pentadecanol   | 228    | C15H32O          | 000629-76-5 | 95   |
| 4         | 1-Hexadecanol    | 242    | C16H34O          | 036653-82-4 | 91   |
| 5         | 1-Tetradecanol   | 214    | C14H30O          | 000112-72-1 | 91   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF110615\  
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Sample : G4241-16  
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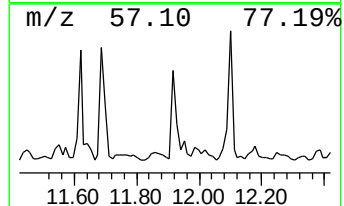
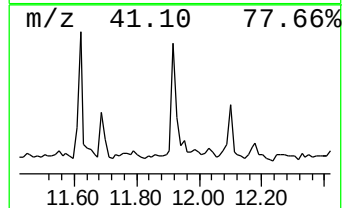
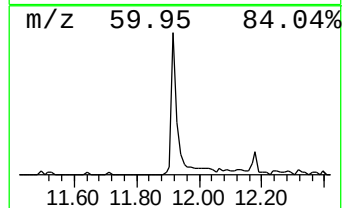
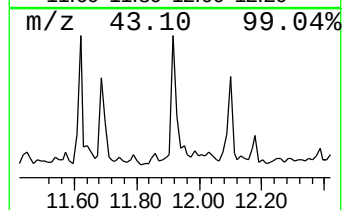
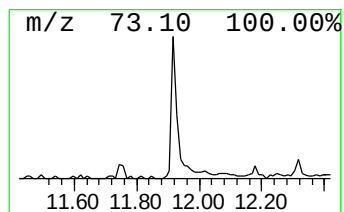
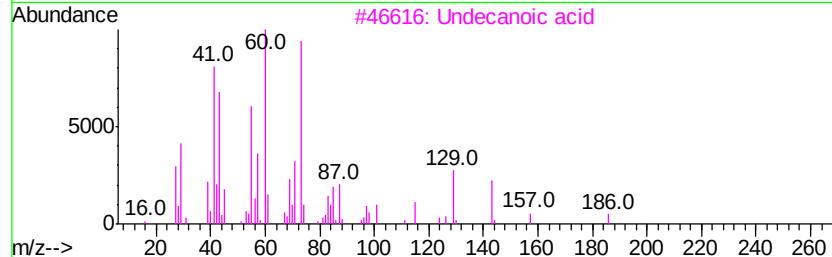
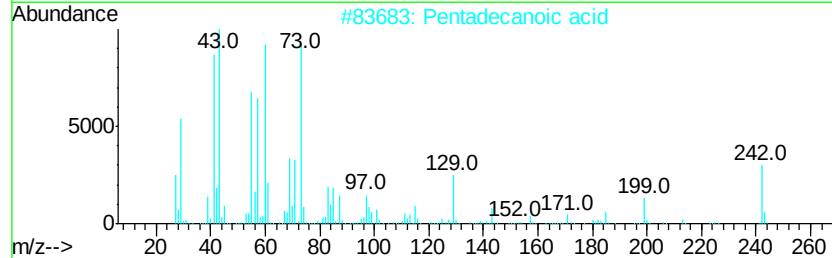
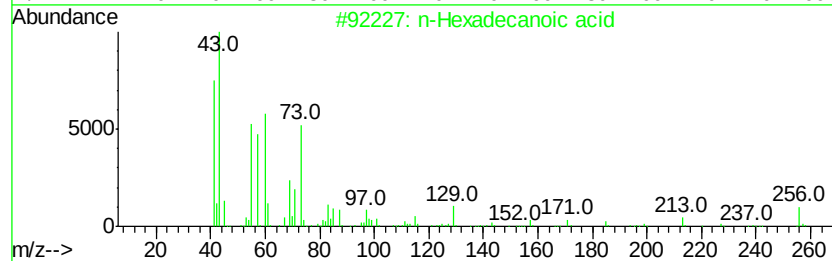
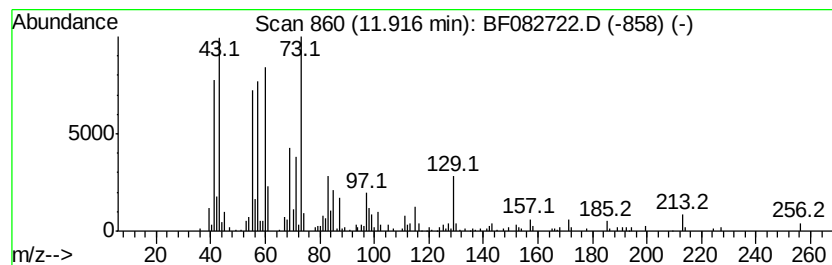
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 11.92     | 2.86 ng             | 248758 | Phenanthrene-d10 |             | 11.38 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 97    |
| 2         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 80    |
| 3         | Undecanoic acid     | 186    | C11H22O2         | 000112-37-8 | 80    |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 80    |
| 5         | n-Decanoic acid     | 172    | C10H20O2         | 000334-48-5 | 64    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF110615\  
Data File : BF082722.D  
Acq On : 5 Nov 2015 11:43  
Operator : UM/IZ  
Sample : G4241-16  
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ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SB-09(18-20)

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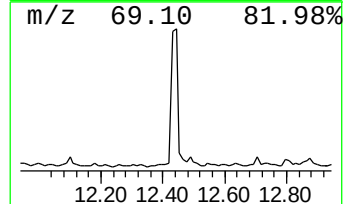
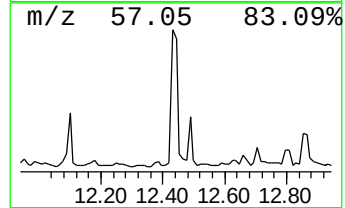
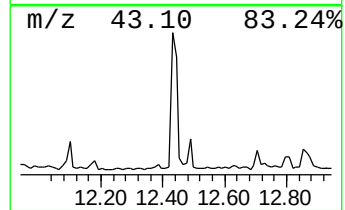
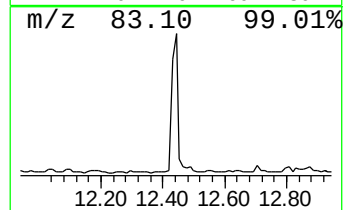
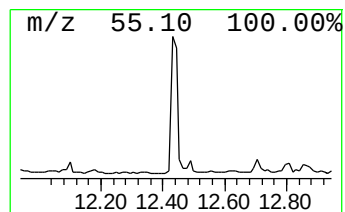
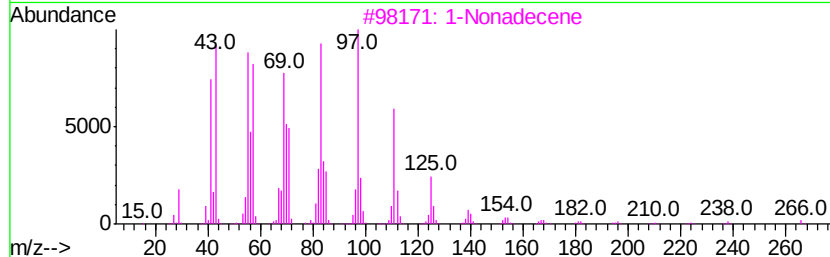
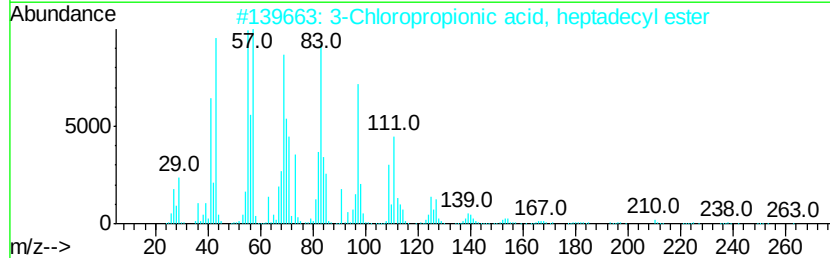
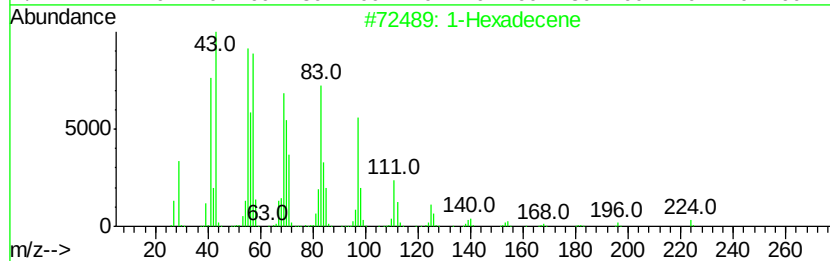
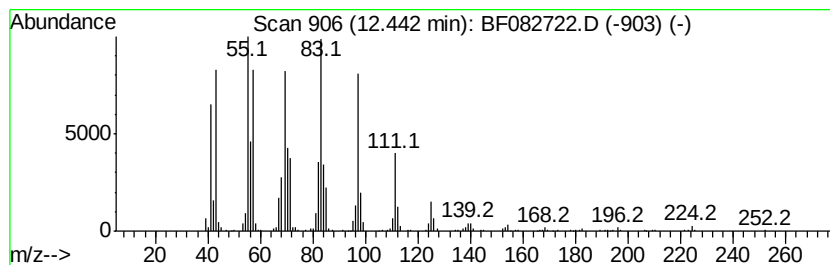
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 1-Hexadecene Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.44 | 12.65 ng | 1099440 | Phenanthrene-d10 | 11.38 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Hexadecene                        | 224 | C16H32     | 000629-73-2  | 95   |
| 2    |    | 3-Chloropropionic acid, heptadec... | 346 | C20H39ClO2 | 1000283-05-1 | 91   |
| 3    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 91   |
| 4    |    | 1-Hexadecanol                       | 242 | C16H34O    | 036653-82-4  | 91   |
| 5    |    | 1-Pentadecanol                      | 228 | C15H32O    | 000629-76-5  | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF110615\  
Data File : BF082722.D  
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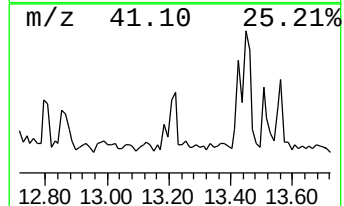
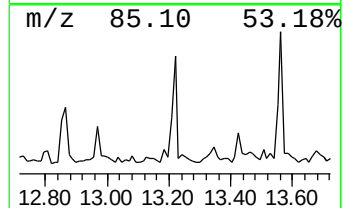
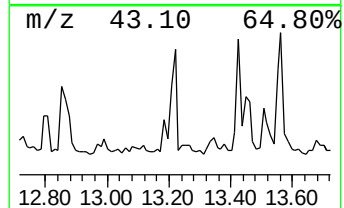
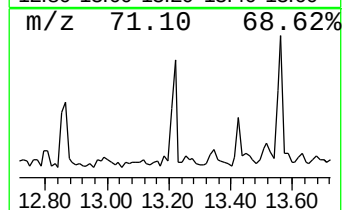
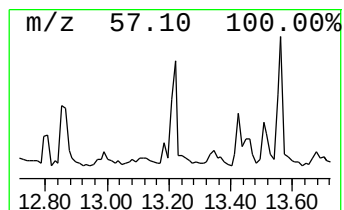
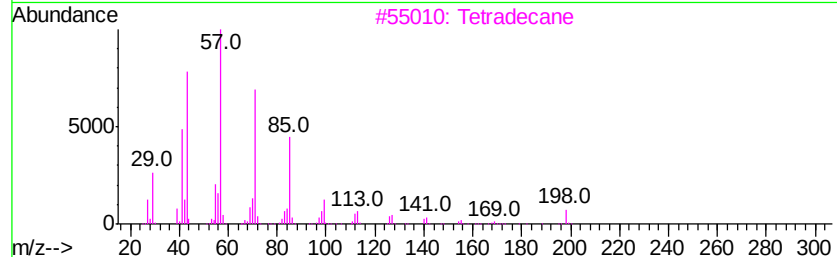
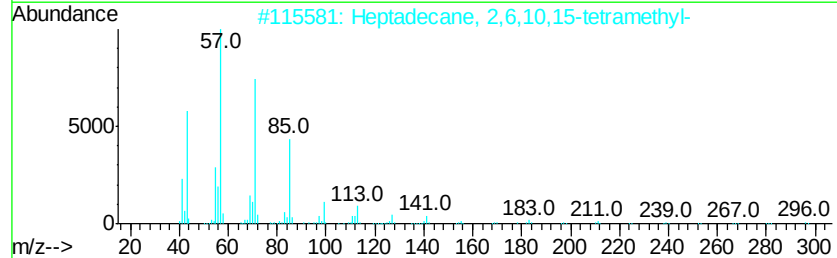
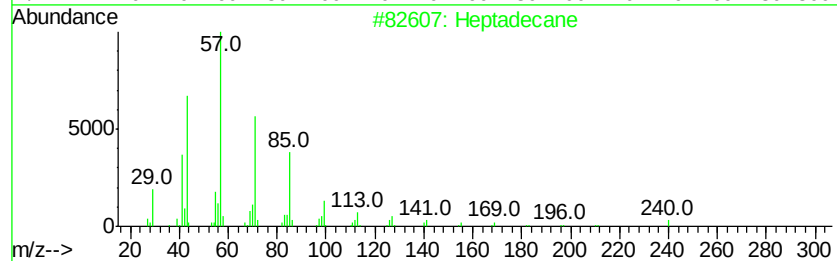
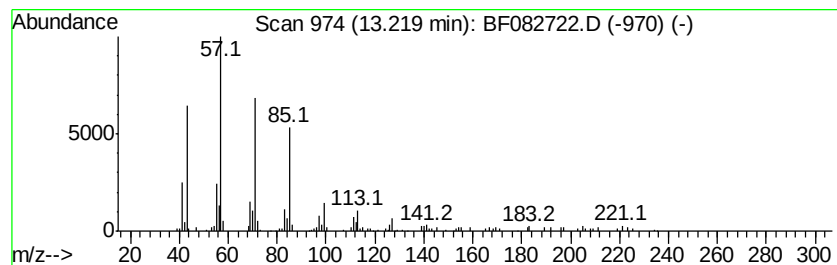
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SB-09(18-20)

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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 Heptadecane Concentration Rank 12

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 13.22   | 2.21 ng                             | 203330       | Chrysene-d12     | 14.02     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptadecane                         | 240 C17H36   | 000629-78-7      | 87        |
| 2       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44   | 054833-48-6      | 87        |
| 3       | Tetradecane                         | 198 C14H30   | 000629-59-4      | 87        |
| 4       | 10-Methylnonadecane                 | 282 C20H42   | 056862-62-5      | 87        |
| 5       | Pentadecane                         | 212 C15H32   | 000629-62-9      | 86        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF110615\  
Data File : BF082722.D  
Acq On : 5 Nov 2015 11:43  
Operator : UM/IZ  
Sample : G4241-16  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SB-09(18-20)

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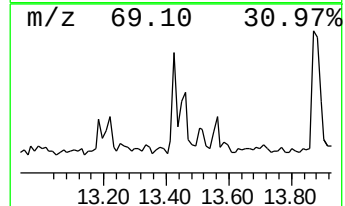
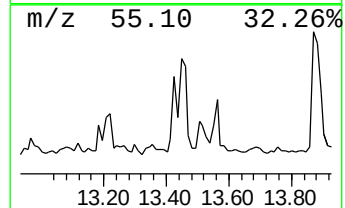
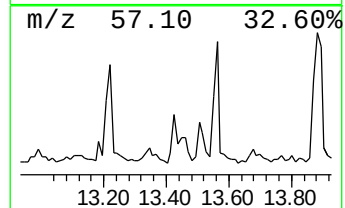
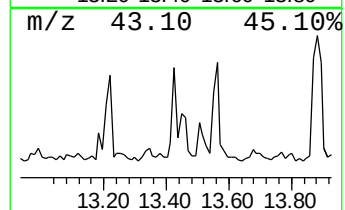
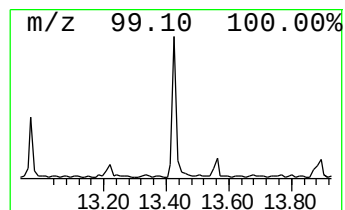
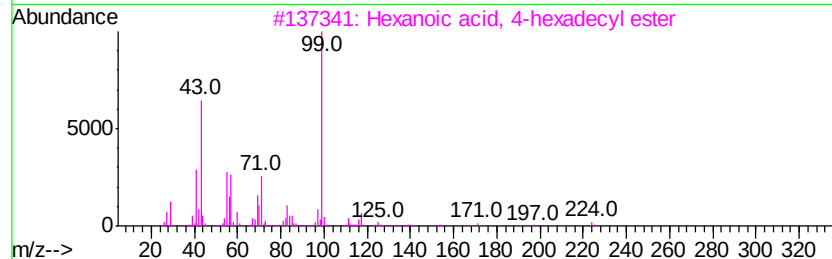
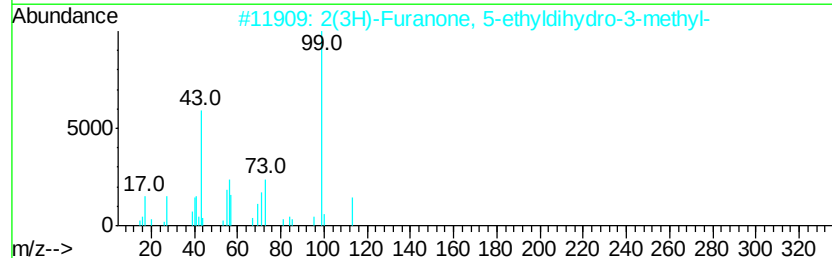
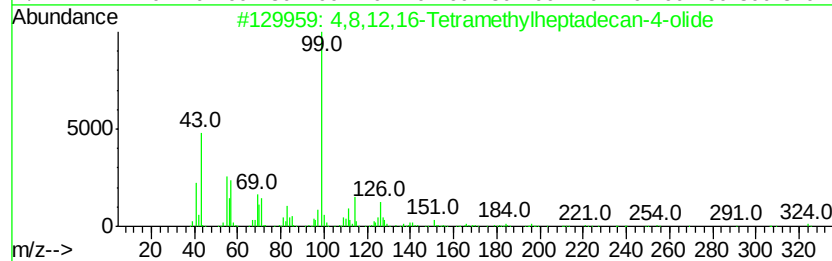
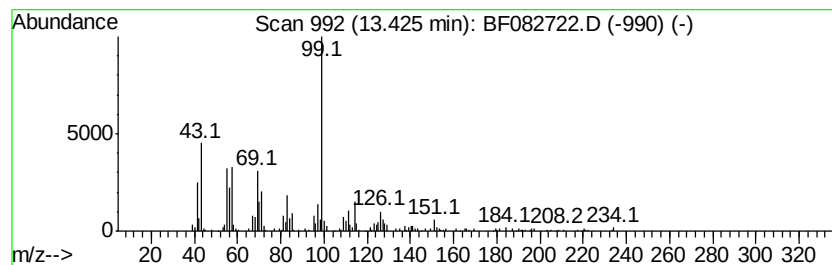
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 4,8,12,16-Tetramethylheptad... Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.43 | 2.70 ng | 248022 | Chrysene-d12     | 14.02 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 4,8,12,16-Tetramethylheptadecan-...  | 324 | C21H40O2 | 096168-15-9  | 83   |
| 2    |    |   | 2(3H)-Furanone, 5-ethylidihydro-3... | 128 | C7H12O2  | 002610-98-2  | 53   |
| 3    |    |   | Hexanoic acid, 4-hexadecyl ester     | 340 | C22H44O2 | 1000282-83-8 | 53   |
| 4    |    |   | cis-3-Methyl-4-octanolide            | 156 | C9H16O2  | 039638-67-0  | 52   |
| 5    |    |   | Silane, dimethyldi-2-propenyl-       | 140 | C8H16Si  | 001113-12-8  | 50   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
Data File : BF082722.D  
Acq On : 5 Nov 2015 11:43  
Operator : UM/IZ  
Sample : G4241-16  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

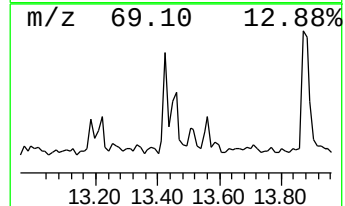
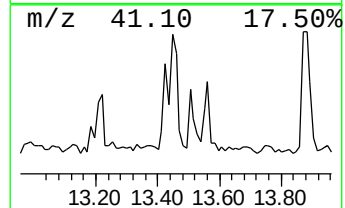
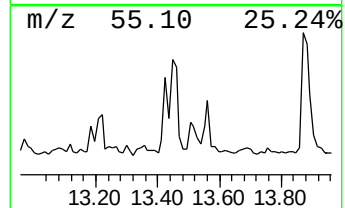
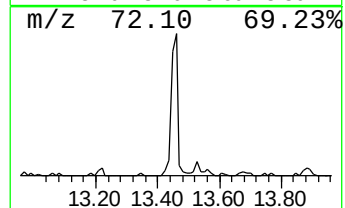
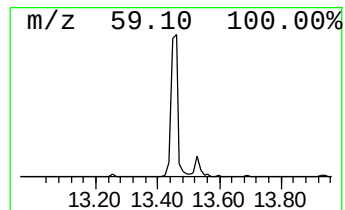
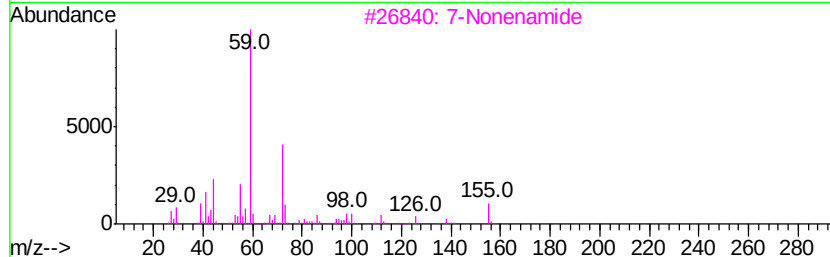
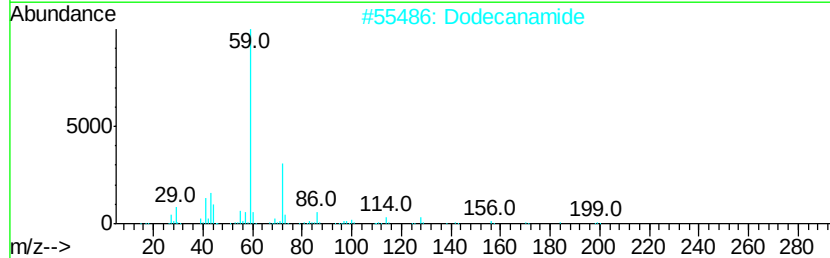
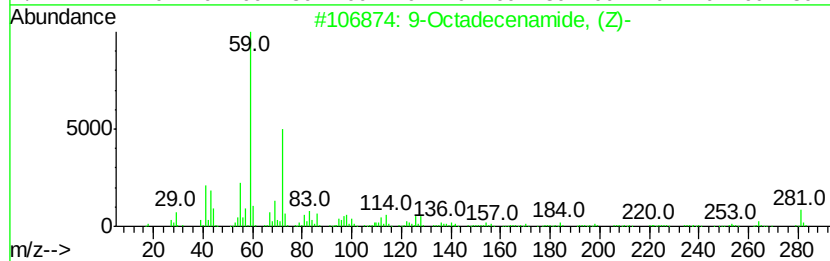
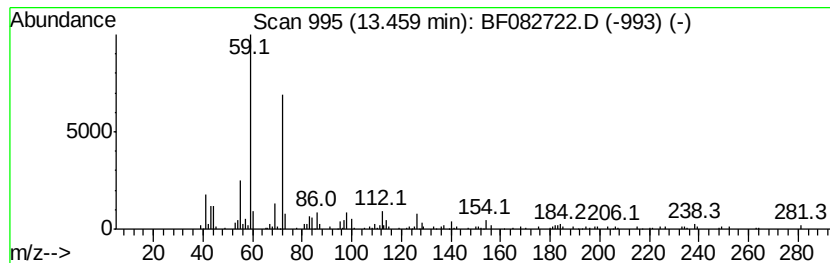
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.46 | 3.61 ng | 331924 | Chrysene-d12     | 14.02 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 80   |
| 2    |    |   | Dodecanamide           | 199 | C12H25NO | 001120-16-7 | 62   |
| 3    |    |   | 7-Nonenamide           | 155 | C9H17NO  | 090949-53-4 | 56   |
| 4    |    |   | Hexanamide             | 115 | C6H13NO  | 000628-02-4 | 50   |
| 5    |    |   | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 50   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
Data File : BF082722.D  
Acq On : 5 Nov 2015 11:43  
Operator : UM/IZ  
Sample : G4241-16  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SB-09(18-20)

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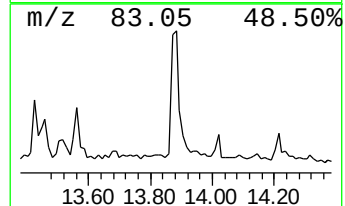
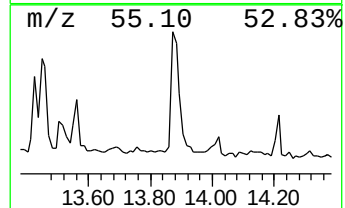
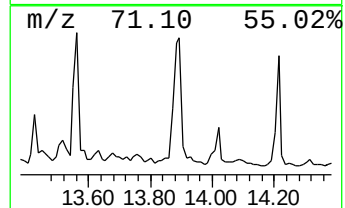
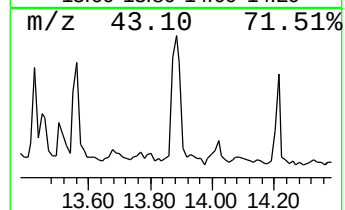
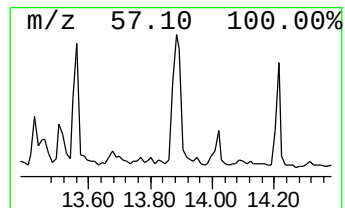
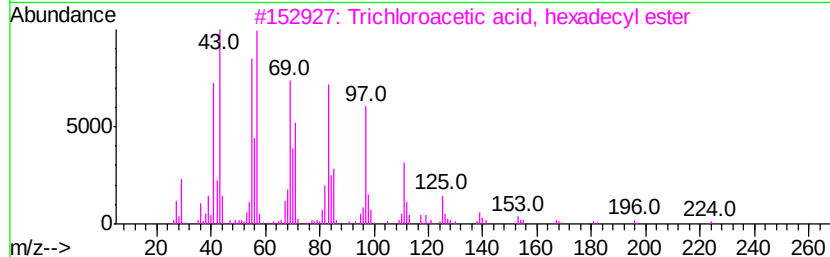
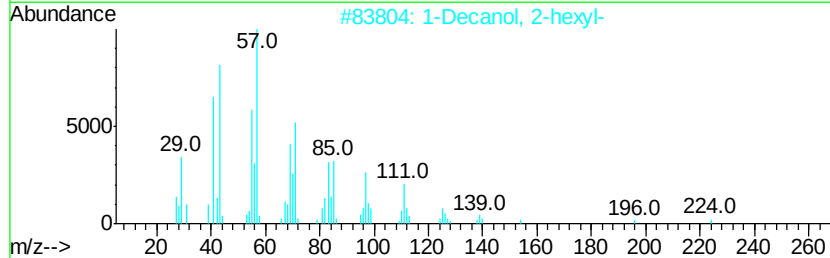
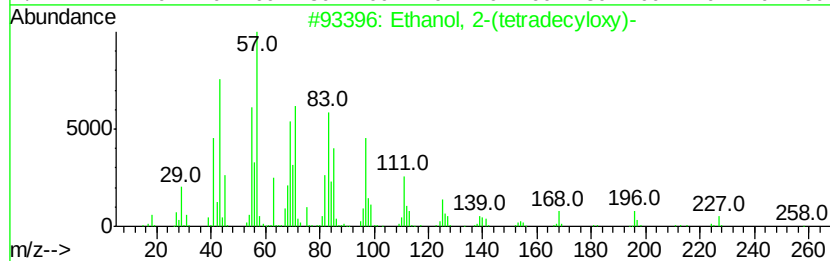
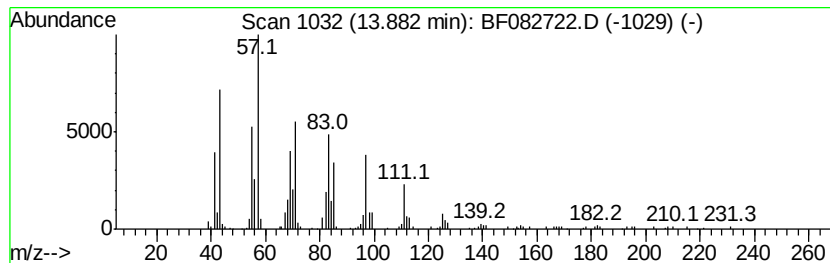
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.88 | 4.96 ng | 456810 | Chrysene-d12     | 14.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1 | 74   |
| 2    |    | 1-Decanol, 2-hexyl-                 | 242 | C16H34O     | 002425-77-6 | 64   |
| 3    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 64   |
| 4    |    | 1-Heptadecanol                      | 256 | C17H36O     | 001454-85-9 | 62   |
| 5    |    | 1-Octadecanol                       | 270 | C18H38O     | 000112-92-5 | 58   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF110615\  
Data File : BF082722.D  
Acq On : 5 Nov 2015 11:43  
Operator : UM/IZ  
Sample : G4241-16  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-09(18-20)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.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 |
| unknown2.20          | 2.20  | 2.8     | ng    | 159497   | 1                     | 6.86  | 1161750 | 20.0 |
| 2-Pentanone, 4-hy... | 5.05  | 29.5    | ng    | 1713370  | 1                     | 6.86  | 1161750 | 20.0 |
| unknown6.62          | 6.62  | 56.8    | ng    | 3297300  | 1                     | 6.86  | 1161750 | 20.0 |
| Pentadecane          | 10.82 | 2.5     | ng    | 213173   | 4                     | 11.38 | 1738330 | 20.0 |
| Cyclotetradecane     | 11.62 | 3.0     | ng    | 258677   | 4                     | 11.38 | 1738330 | 20.0 |
| n-Hexadecanoic acid  | 11.92 | 2.9     | ng    | 248758   | 4                     | 11.38 | 1738330 | 20.0 |
| 1-Hexadecene         | 12.44 | 12.7    | ng    | 1099440  | 4                     | 11.38 | 1738330 | 20.0 |
| Heptadecane          | 13.22 | 2.2     | ng    | 203330   | 5                     | 14.02 | 1840230 | 20.0 |
| 4,8,12,16-Tetrame... | 13.43 | 2.7     | ng    | 248022   | 5                     | 14.02 | 1840230 | 20.0 |
| 9-Octadecenamide,... | 13.46 | 3.6     | ng    | 331924   | 5                     | 14.02 | 1840230 | 20.0 |
| Ethanol, 2-(tetra... | 13.88 | 5.0     | ng    | 456810   | 5                     | 14.02 | 1840230 | 20.0 |