

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
 Data File : BF082606.D  
 Acq On : 31 Oct 2015 7:50  
 Operator : UM/IZ  
 Sample : G4212-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1510053722

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

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         | 5.081       | 259           | 262         | 265          | rBV      | 1614048        | 2705151       | 2.92%           | 0.869%        |
| 2         | 5.504       | 296           | 299         | 302          | rBV      | 4366621        | 4818200       | 5.19%           | 1.548%        |
| 3         | 6.533       | 385           | 389         | 391          | rBV      | 4496691        | 5387383       | 5.81%           | 1.731%        |
| 4         | 6.670       | 398           | 401         | 404          | rVB      | 5300613        | 5207530       | 5.61%           | 1.673%        |
| 5         | 6.899       | 419           | 421         | 427          | rBV2     | 1279190        | 1859753       | 2.00%           | 0.598%        |
| 6         | 7.036       | 430           | 433         | 434          | rBV      | 2330130        | 3390735       | 3.65%           | 1.089%        |
| 7         | 7.059       | 434           | 435         | 438          | rVB      | 3549010        | 3874263       | 4.18%           | 1.245%        |
| 8         | 7.470       | 467           | 471         | 473          | rVB      | 2676976        | 3704586       | 3.99%           | 1.190%        |
| 9         | 7.962       | 507           | 514         | 516          | rVB3     | 394663         | 1069922       | 1.15%           | 0.344%        |
| 10        | 8.190       | 531           | 534         | 536          | rVV      | 2618967        | 2449660       | 2.64%           | 0.787%        |
| 11        | 8.590       | 561           | 569         | 571          | rVV      | 991470         | 2395319       | 2.58%           | 0.770%        |
| 12        | 8.716       | 574           | 580         | 581          | rVV2     | 1238787        | 2080205       | 2.24%           | 0.668%        |
| 13        | 8.796       | 585           | 587         | 589          | rVB      | 2943815        | 2535031       | 2.73%           | 0.815%        |
| 14        | 8.910       | 594           | 597         | 599          | rBV      | 1315948        | 1136169       | 1.22%           | 0.365%        |
| 15        | 9.116       | 612           | 615         | 617          | rBV2     | 753233         | 1129025       | 1.22%           | 0.363%        |
| 16        | 9.276       | 627           | 629         | 631          | rVB      | 6138003        | 6247326       | 6.73%           | 2.007%        |
| 17        | 9.402       | 638           | 640         | 642          | rVV      | 1137680        | 1440052       | 1.55%           | 0.463%        |
| 18        | 9.893       | 681           | 683         | 685          | rVV      | 1740117        | 1461911       | 1.58%           | 0.470%        |
| 19        | 9.950       | 685           | 688         | 690          | rVV      | 1909290        | 1930420       | 2.08%           | 0.620%        |
| 20        | 10.191      | 704           | 709         | 711          | rBV2     | 2880427        | 5160089       | 5.56%           | 1.658%        |
| 21        | 10.351      | 719           | 723         | 725          | rBV      | 1714480        | 1821117       | 1.96%           | 0.585%        |
| 22        | 10.739      | 755           | 757         | 759          | rVV      | 3619344        | 4289163       | 4.62%           | 1.378%        |
| 23        | 10.842      | 764           | 766         | 772          | rVB2     | 1336984        | 2839292       | 3.06%           | 0.912%        |
| 24        | 11.116      | 787           | 790         | 795          | rVB2     | 1547346        | 2024736       | 2.18%           | 0.651%        |
| 25        | 11.436      | 813           | 818         | 820          | rBV      | 1496305        | 2639500       | 2.84%           | 0.848%        |
| 26        | 11.482      | 820           | 822         | 823          | rVV      | 827289         | 1152225       | 1.24%           | 0.370%        |
| 27        | 11.665      | 832           | 838         | 841          | rVV3     | 1705786        | 4376311       | 4.72%           | 1.406%        |
| 28        | 11.768      | 844           | 847         | 850          | rVB      | 1944177        | 2040117       | 2.20%           | 0.656%        |
| 29        | 11.905      | 856           | 859         | 861          | rBV2     | 458667         | 1028229       | 1.11%           | 0.330%        |
| 30        | 12.042      | 863           | 871         | 874          | rVV2     | 16063318       | 45100157      | 48.60%          | 14.491%       |
| 31        | 12.099      | 874           | 876         | 879          | rVB3     | 590539         | 1000001       | 1.08%           | 0.321%        |
| 32        | 12.305      | 890           | 894         | 896          | rBV2     | 609036         | 1222663       | 1.32%           | 0.393%        |
| 33        | 12.442      | 903           | 906         | 909          | rVV3     | 605737         | 1156209       | 1.25%           | 0.372%        |
| 34        | 12.556      | 912           | 916         | 918          | rVV2     | 873321         | 1793023       | 1.93%           | 0.576%        |

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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

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 12.591 | 918  | 919  | 922  | rVV  | 2385845  | 3176818  | 3.42%   | 1.021%  |
| 36 | 12.785 | 922  | 936  | 937  | rVV2 | 21358640 | 92789736 | 100.00% | 29.814% |
| 37 | 12.819 | 937  | 939  | 941  | rVV  | 7019264  | 8809936  | 9.49%   | 2.831%  |
| 38 | 12.865 | 941  | 943  | 948  | rVV3 | 490668   | 1235445  | 1.33%   | 0.397%  |
| 39 | 13.036 | 955  | 958  | 959  | rBV  | 3831993  | 5200103  | 5.60%   | 1.671%  |
| 40 | 13.265 | 976  | 978  | 981  | rVV  | 1075618  | 1795137  | 1.93%   | 0.577%  |
| 41 | 13.368 | 981  | 987  | 988  | rVV4 | 286885   | 993675   | 1.07%   | 0.319%  |
| 42 | 13.425 | 988  | 992  | 993  | rVV4 | 456127   | 1188915  | 1.28%   | 0.382%  |
| 43 | 13.494 | 996  | 998  | 999  | rVV2 | 1386008  | 1898086  | 2.05%   | 0.610%  |
| 44 | 13.528 | 999  | 1001 | 1002 | rVV  | 1339536  | 1978973  | 2.13%   | 0.636%  |
| 45 | 13.939 | 1035 | 1037 | 1040 | rBV  | 2892255  | 4008696  | 4.32%   | 1.288%  |
| 46 | 14.077 | 1047 | 1049 | 1051 | rVV  | 1935914  | 1844341  | 1.99%   | 0.593%  |
| 47 | 14.157 | 1054 | 1056 | 1057 | rBV  | 1211382  | 1242396  | 1.34%   | 0.399%  |
| 48 | 14.579 | 1090 | 1093 | 1096 | rVV  | 7636157  | 7511370  | 8.10%   | 2.413%  |
| 49 | 14.865 | 1115 | 1118 | 1120 | rVV  | 4318010  | 6337833  | 6.83%   | 2.036%  |
| 50 | 15.242 | 1147 | 1151 | 1155 | rBV2 | 8809744  | 17925307 | 19.32%  | 5.760%  |
| 51 | 15.540 | 1174 | 1177 | 1180 | rVB  | 813609   | 1184999  | 1.28%   | 0.381%  |
| 52 | 16.043 | 1218 | 1221 | 1223 | rBV  | 1415958  | 2567656  | 2.77%   | 0.825%  |
| 53 | 16.088 | 1223 | 1225 | 1229 | rVV  | 2365867  | 3563878  | 3.84%   | 1.145%  |
| 54 | 16.214 | 1232 | 1236 | 1240 | rVB  | 440533   | 1017757  | 1.10%   | 0.327%  |
| 55 | 16.397 | 1249 | 1252 | 1256 | rBV  | 445412   | 989601   | 1.07%   | 0.318%  |
| 56 | 17.185 | 1317 | 1321 | 1328 | rVV2 | 1008715  | 3327047  | 3.59%   | 1.069%  |
| 57 | 17.597 | 1351 | 1357 | 1362 | rBV  | 2040614  | 4812077  | 5.19%   | 1.546%  |
| 58 | 17.688 | 1362 | 1365 | 1372 | rVB3 | 329392   | 1153857  | 1.24%   | 0.371%  |
| 59 | 19.677 | 1532 | 1539 | 1548 | rBV2 | 623309   | 2207277  | 2.38%   | 0.709%  |

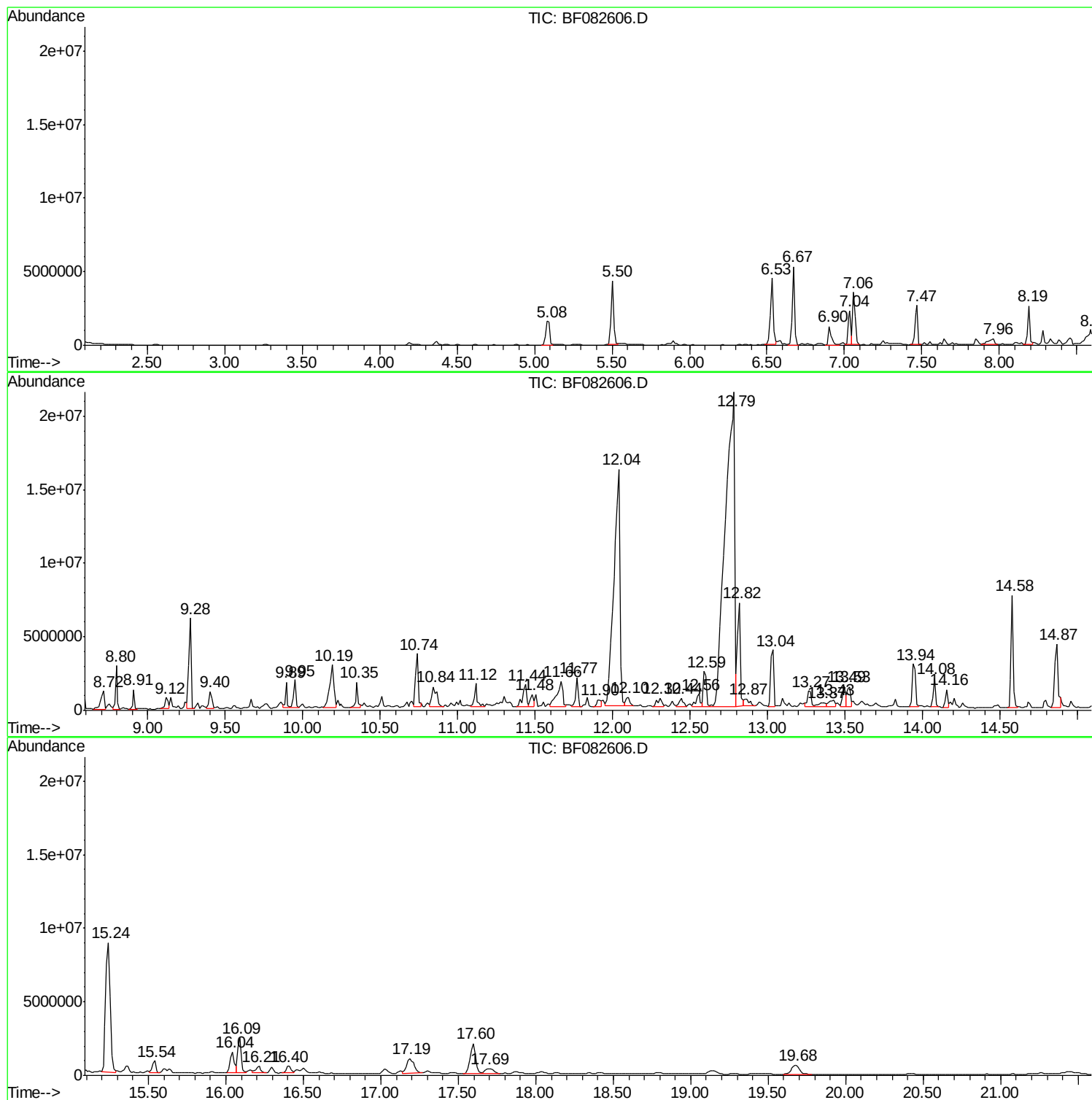
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Misc :  
ALS Vial : 24 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
1510053722

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



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

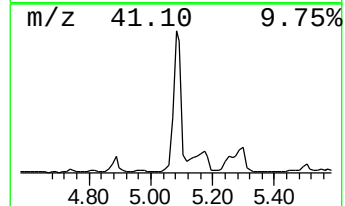
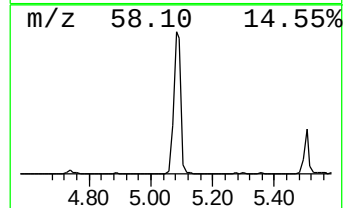
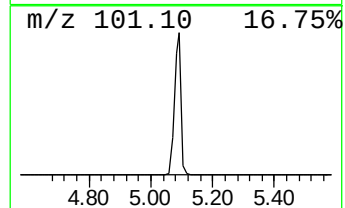
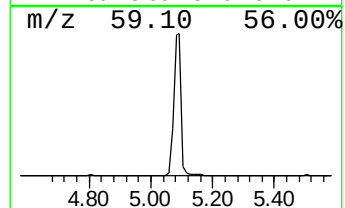
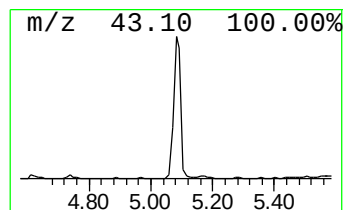
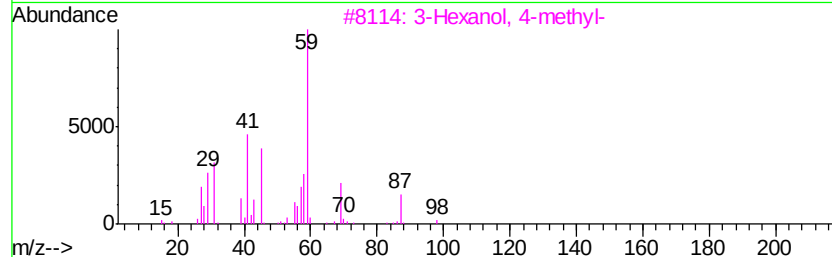
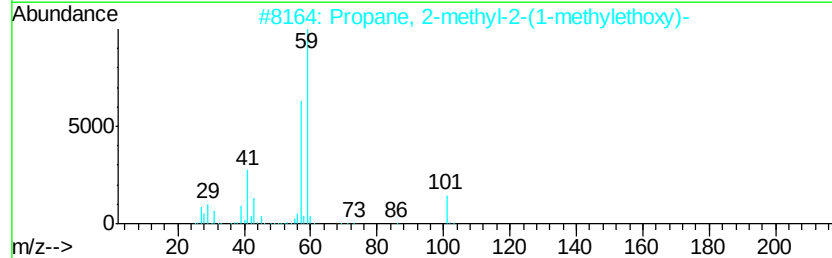
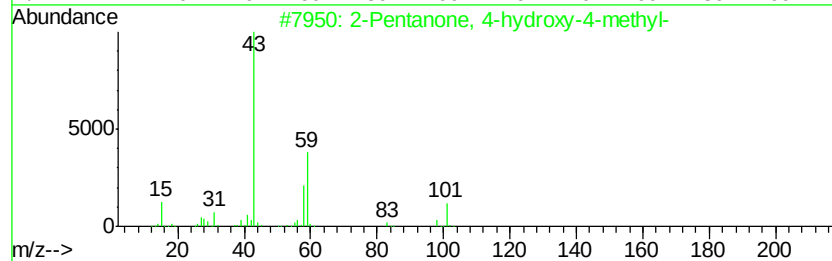
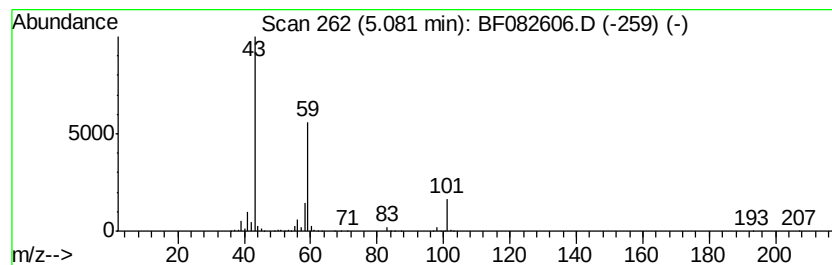
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.08 | 29.09 ng | 2705150 | 1,4-Dichlorobenzene-d4 | 6.90 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 42   |
| 3    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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

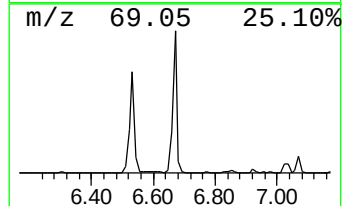
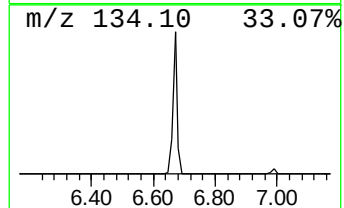
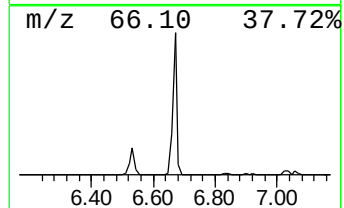
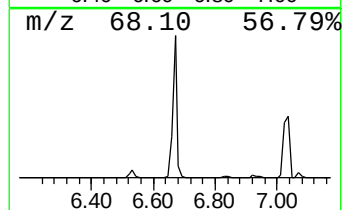
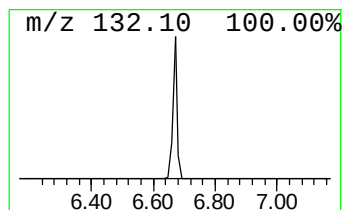
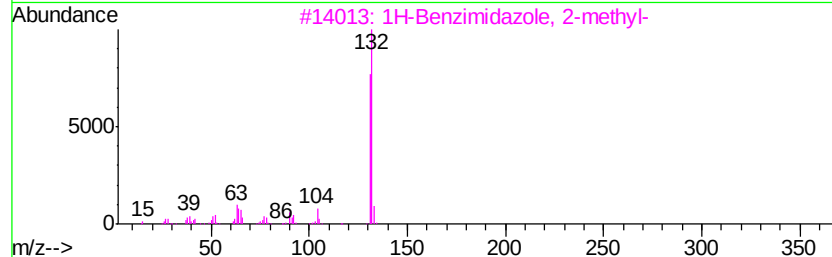
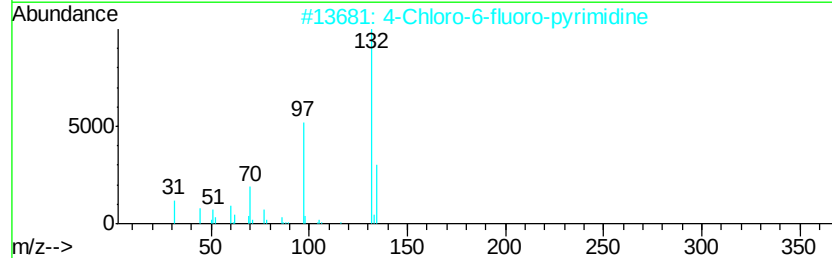
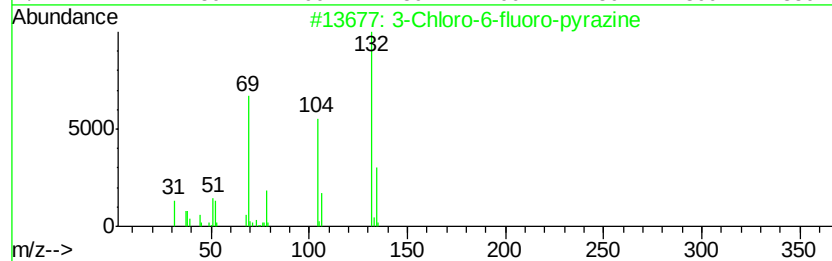
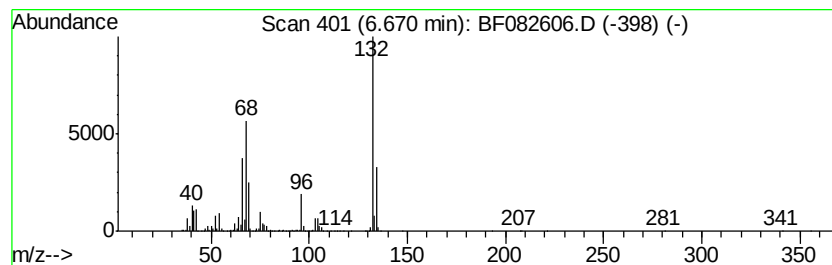
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.67 Concentration Rank 10

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.67 | 56.00 ng | 5207530 | 1,4-Dichlorobenzene-d4 | 6.90 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2    | 1000146-10-7 | 27      |      |      |
| 2    | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2    | 051422-01-6  | 27      |      |      |
| 3    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2       | 000615-15-6  | 22      |      |      |
| 4    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2    | 062802-42-0  | 16      |      |      |
| 5    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2       | 022291-85-6  | 12      |      |      |



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

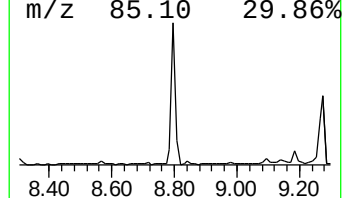
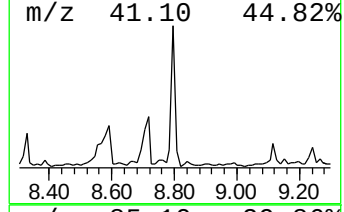
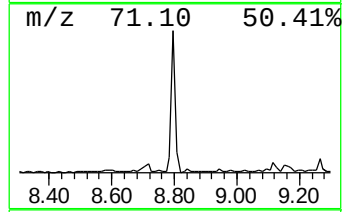
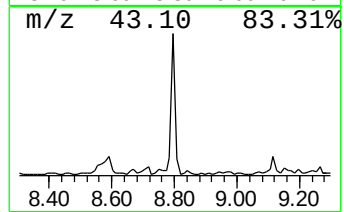
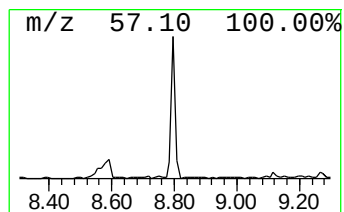
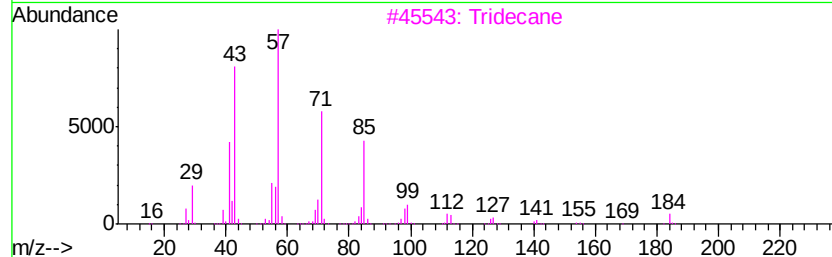
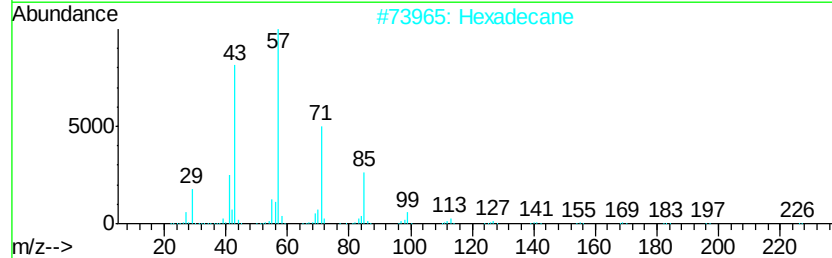
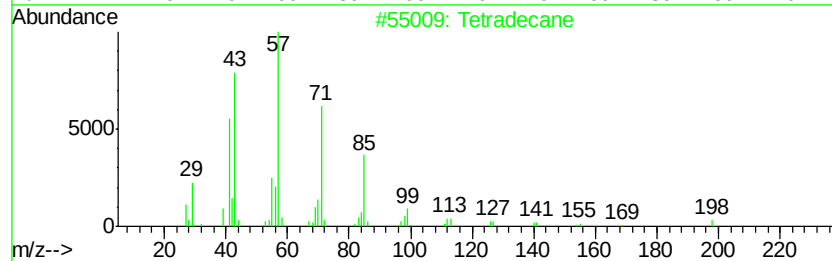
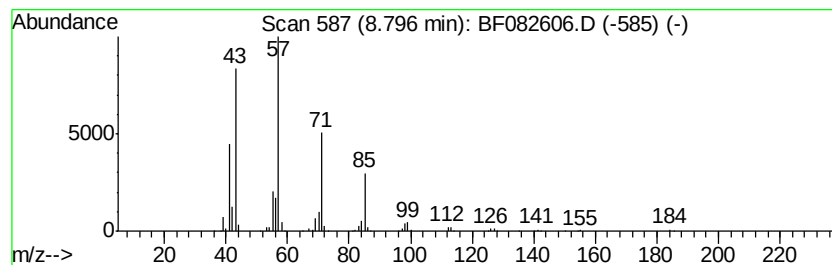
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Tetradecane Concentration Rank 20

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 8.80 | 20.70 ng | 2535030 | Naphthalene-d8   | 8.19 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Tetradecane      | 198 | C14H30  | 000629-59-4 | 90   |
| 2    |    | Hexadecane       | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    | Tridecane        | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    | Dodecane         | 170 | C12H26  | 000112-40-3 | 72   |
| 5    |    | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 72   |



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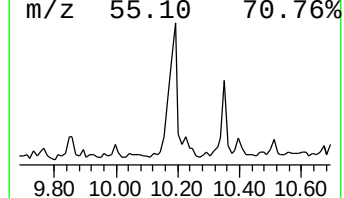
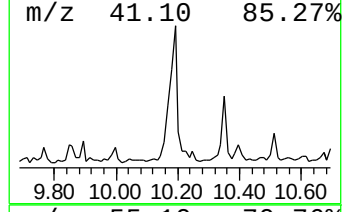
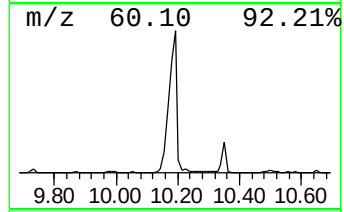
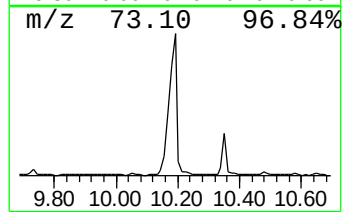
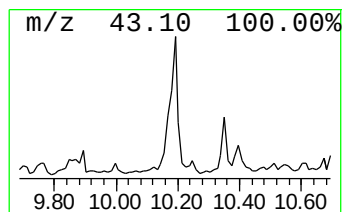
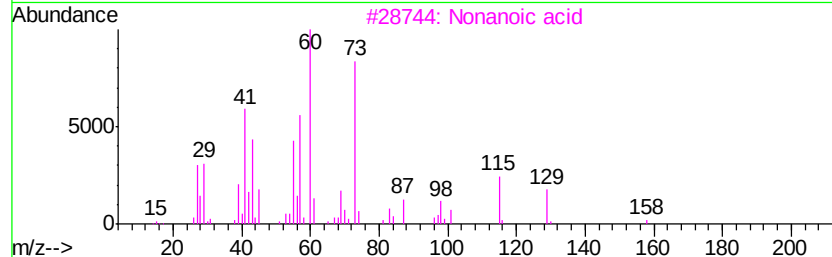
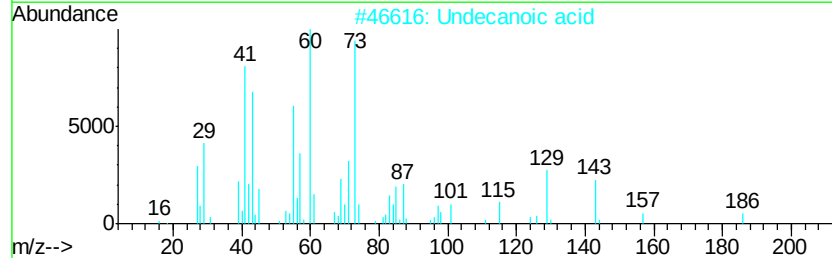
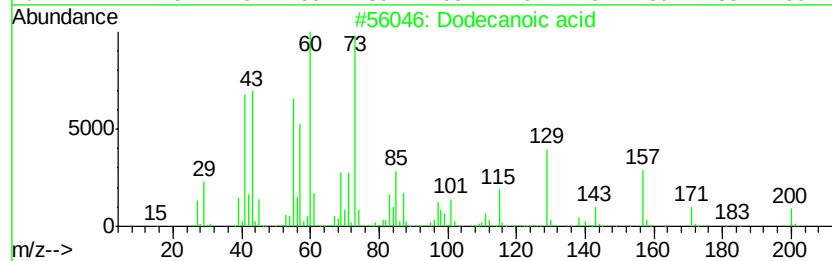
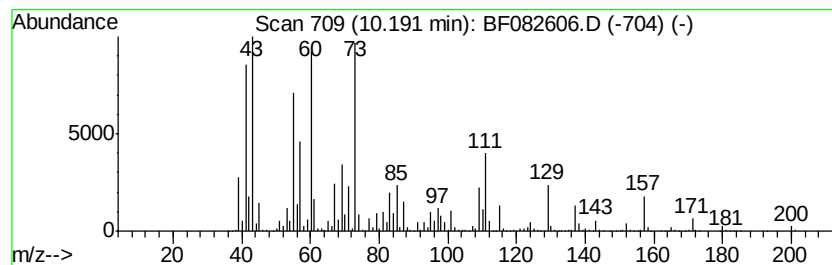
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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF103015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Dodecanoic acid Concentration Rank 11

| R.T.    | EstConc                  | Area         | Relative to ISTD | R.T.      |
|---------|--------------------------|--------------|------------------|-----------|
| 10.19   | 53.46 ng                 | 5160090      | Acenaphthene-d10 | 9.95      |
| Hit# of | 5                        | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Dodecanoic acid          | 200 C12H24O2 | 000143-07-7      | 98        |
| 2       | Undecanoic acid          | 186 C11H22O2 | 000112-37-8      | 49        |
| 3       | Nonanoic acid            | 158 C9H18O2  | 000112-05-0      | 45        |
| 4       | Cyclohexanebutanoic acid | 170 C10H18O2 | 004441-63-8      | 38        |
| 5       | n-Decanoic acid          | 172 C10H20O2 | 000334-48-5      | 37        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

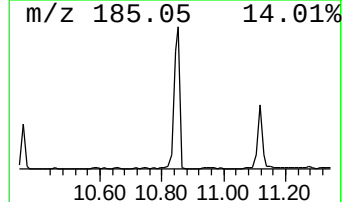
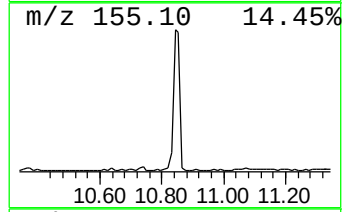
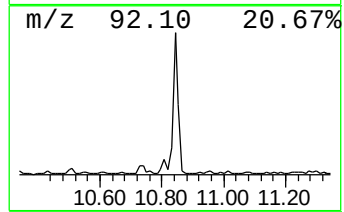
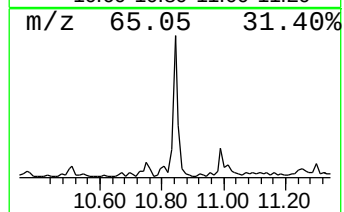
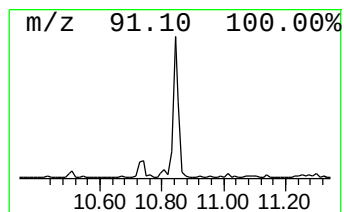
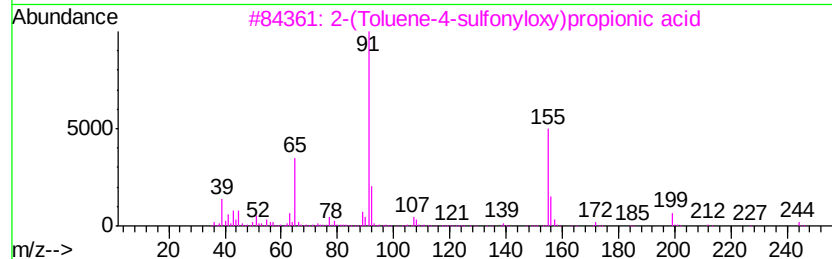
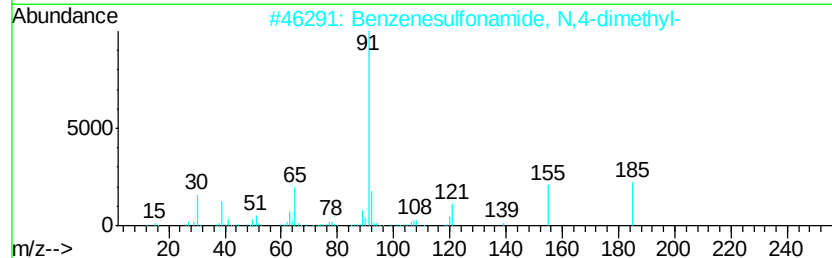
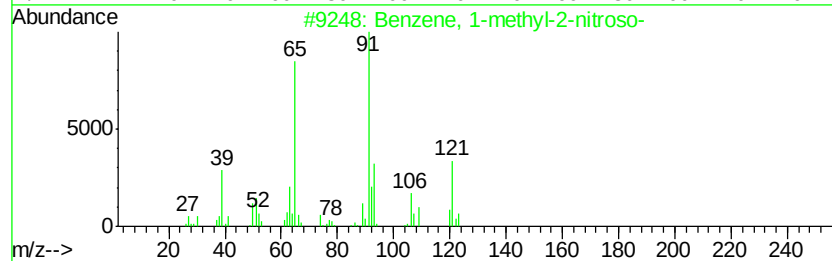
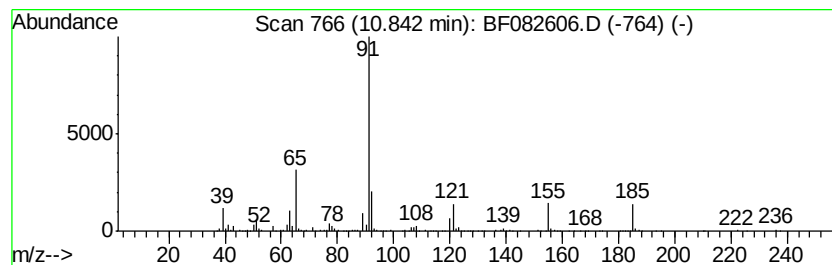
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1-methyl-2-nitroso- Concentration Rank 18

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.84 | 21.51 ng | 2839290 | Phenanthrene-d10 | 11.44 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Benzene, 1-methyl-2-nitroso-        | 121 | C7H7NO     | 000611-23-4  | 68   |
| 2    |    | Benzenesulfonamide, N,4-dimethyl-   | 185 | C8H11NO2S  | 000640-61-9  | 64   |
| 3    |    | 2-(Toluene-4-sulfonyloxy)propion... | 244 | C10H12O5S  | 1000210-27-2 | 47   |
| 4    |    | Benzeneacetaldehyde                 | 120 | C8H8O      | 000122-78-1  | 46   |
| 5    |    | Benzenesulfonamide, N-butyl-4-me... | 227 | C11H17NO2S | 001907-65-9  | 43   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

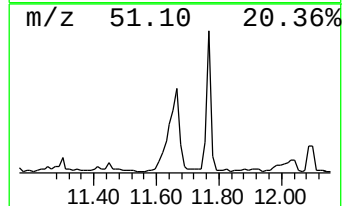
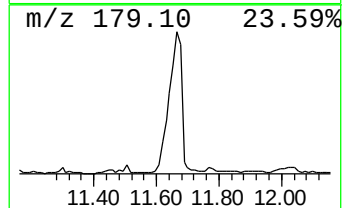
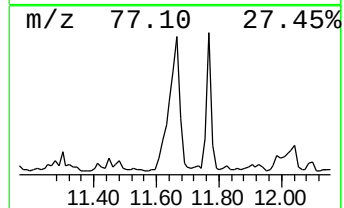
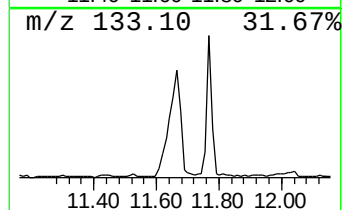
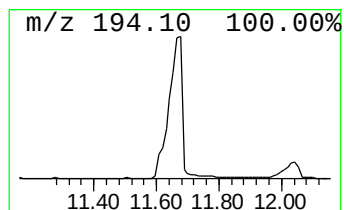
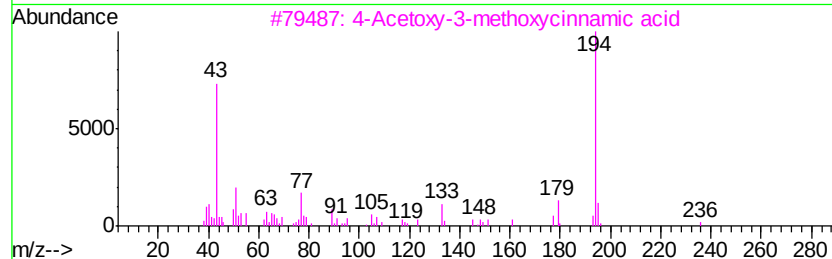
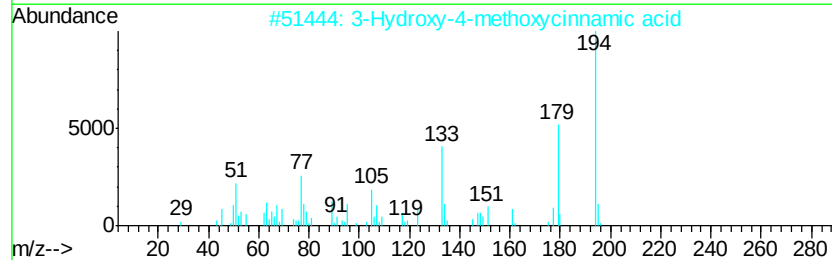
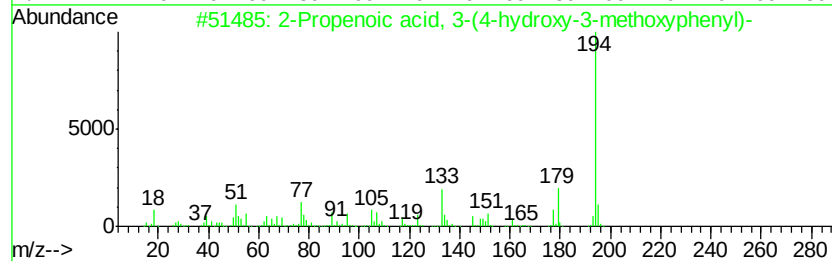
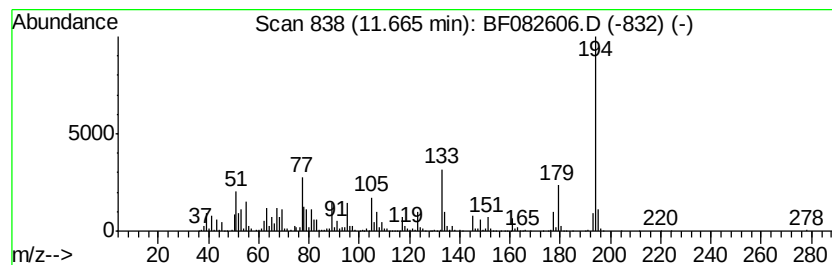
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 2-Propenoic acid, 3-(4-hydr... Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.66 | 33.16 ng | 4376310 | Phenanthrene-d10 | 11.44 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Propenoic acid, 3-(4-hydroxy-3... | 194 | C10H10O4 | 001135-24-6 | 97   |
| 2    |    | 3-Hydroxy-4-methoxycinnamic acid    | 194 | C10H10O4 | 000537-73-5 | 89   |
| 3    |    | 4-Acetoxy-3-methoxycinnamic acid    | 236 | C12H12O5 | 002596-47-6 | 86   |
| 4    |    | 2-Propenoic acid, 3-(4-hydroxy-3... | 194 | C10H10O4 | 000537-98-4 | 76   |
| 5    |    | 3H-Purine, 2,3-dimethyl-6-(methy... | 194 | C8H10N4S | 005759-57-9 | 59   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

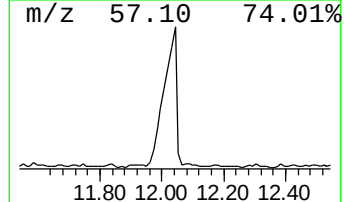
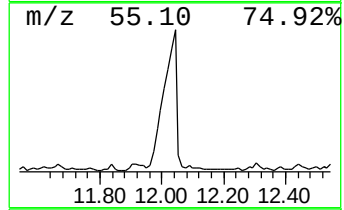
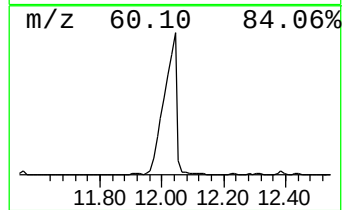
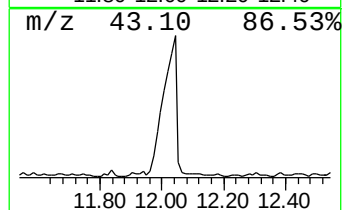
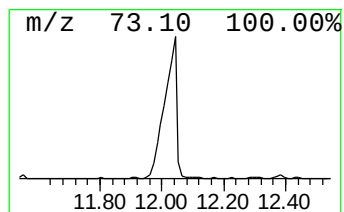
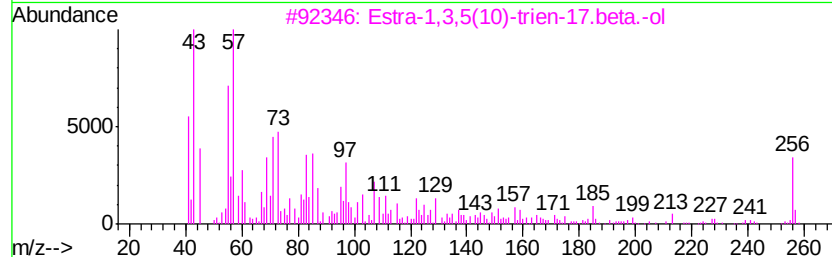
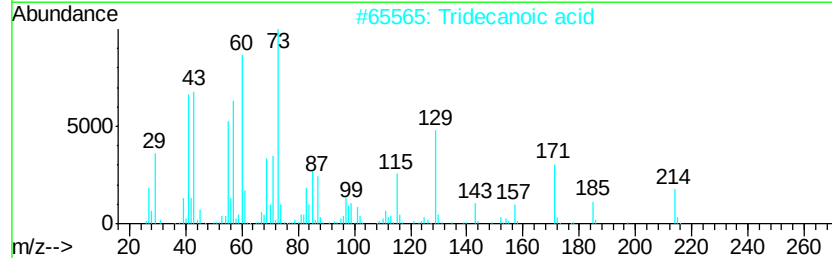
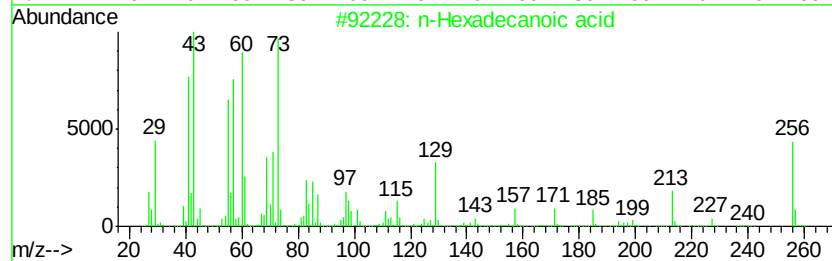
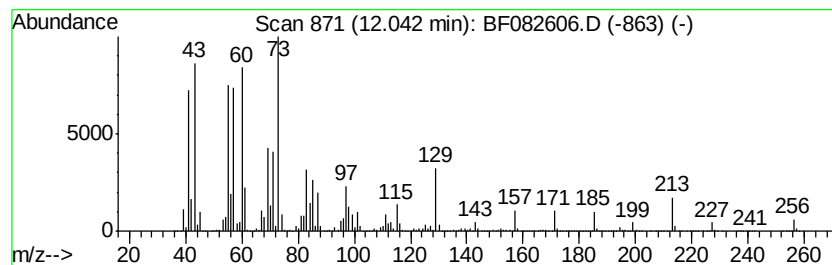
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

| R.T.  | EstConc   | Area     | Relative to ISTD | R.T.  |
|-------|-----------|----------|------------------|-------|
| 12.04 | 341.73 ng | 45100200 | Phenanthrene-d10 | 11.44 |

| Hit# | of | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid               | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | Tridecanoic acid                  | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    | Estra-1,3,5(10)-trien-17.beta.-ol | 256 | C18H24O  | 002529-64-8 | 25   |
| 4    |    | Tridecane                         | 184 | C13H28   | 000629-50-5 | 11   |
| 5    |    | Decane                            | 142 | C10H22   | 000124-18-5 | 11   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

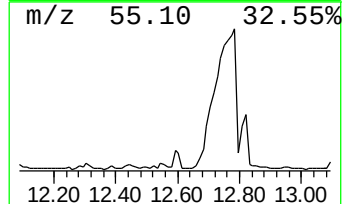
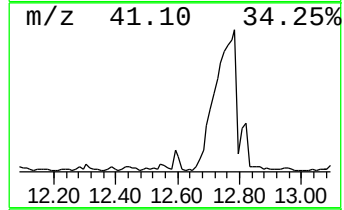
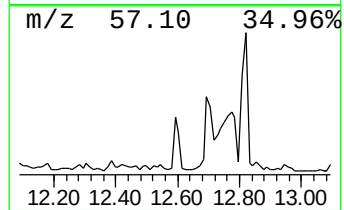
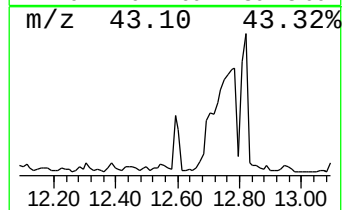
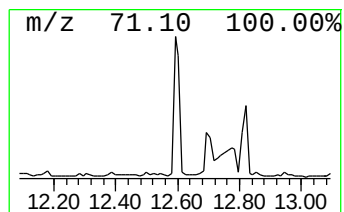
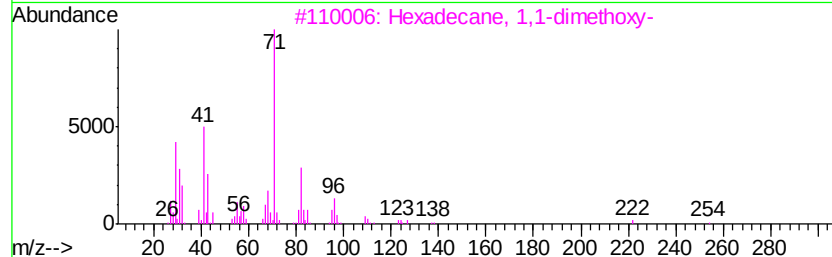
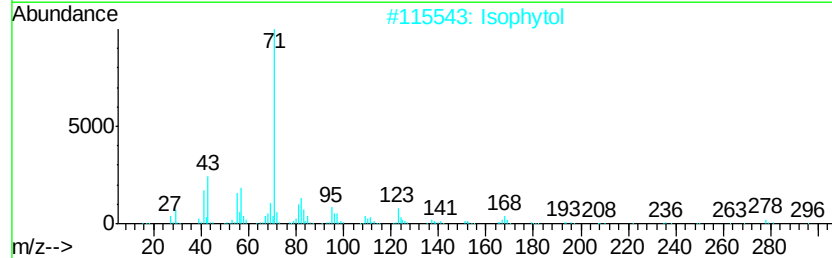
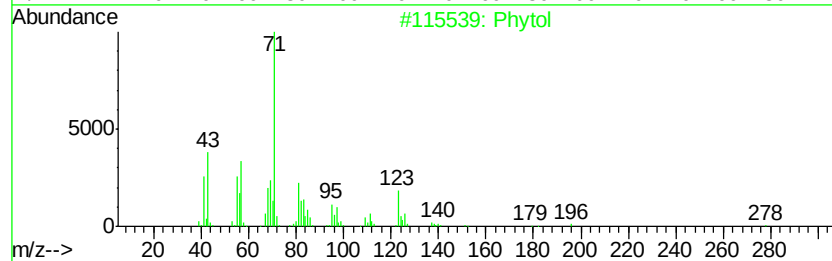
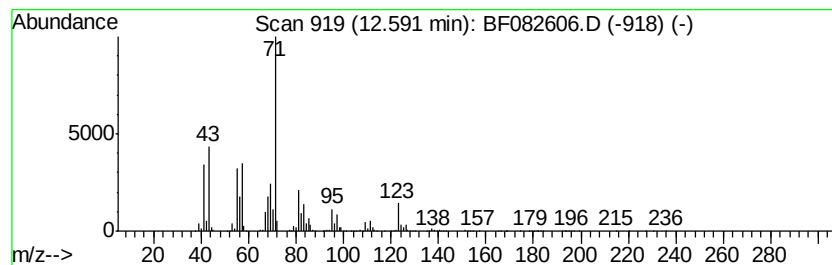
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Phytol Concentration Rank 17

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.59 | 24.07 ng | 3176820 | Phenanthrene-d10 | 11.44 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------|-----|----------|--------------|------|
| 1    | 5  | Phytol                         | 296 | C20H40O  | 000150-86-7  | 91   |
| 2    |    | Isophytol                      | 296 | C20H40O  | 000505-32-8  | 72   |
| 3    |    | Hexadecane, 1,1-dimethoxy-     | 286 | C18H38O2 | 002791-29-9  | 64   |
| 4    |    | 2,5-Dimethylcyclohexanol       | 128 | C8H16O   | 003809-32-3  | 59   |
| 5    |    | Butyric acid, 3-tridecyl ester | 270 | C17H34O2 | 1000280-56-8 | 53   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
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Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

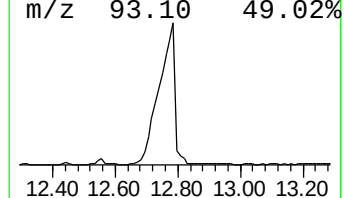
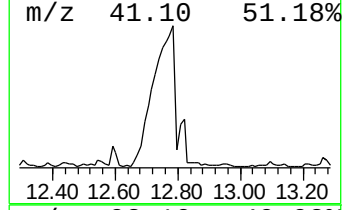
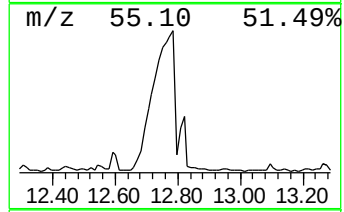
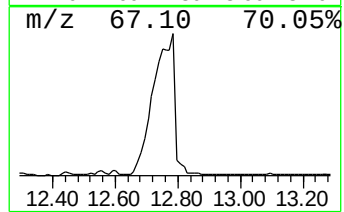
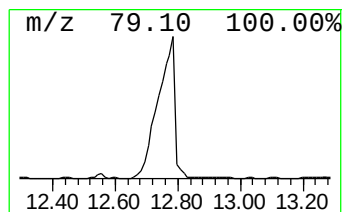
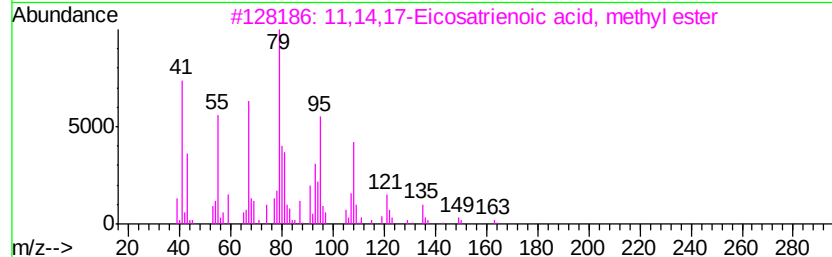
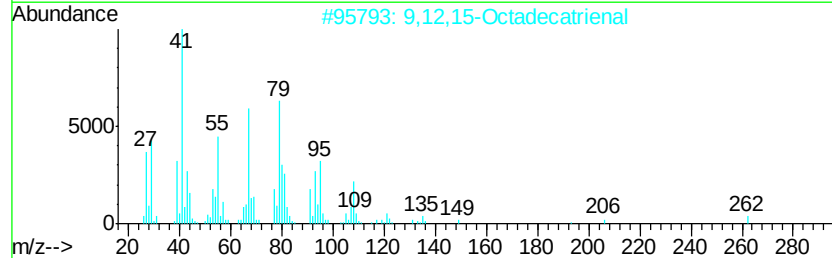
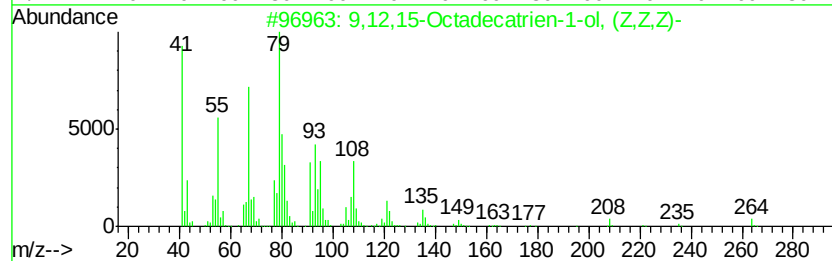
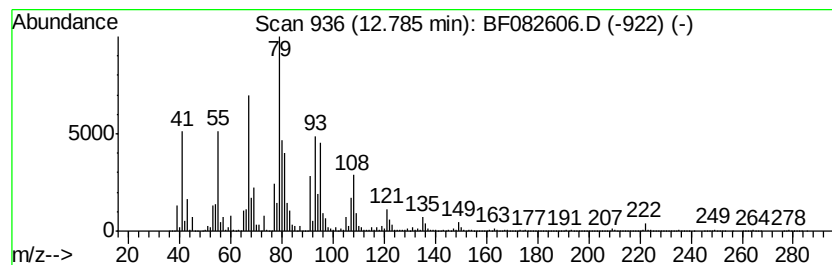
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 9,12,15-Octadecatrien-1-ol,... Concentration Rank 1

| R.T.  | EstConc    | Area     | Relative to ISTD | R.T.  |
|-------|------------|----------|------------------|-------|
| 12.79 | 1006.21 ng | 92789700 | Chrysene-d12     | 14.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9,12,15-Octadecatrien-1-ol, (Z,Z... | 264 | C18H32O  | 000506-44-5 | 87   |
| 2    |    | 9,12,15-Octadecatrienal             | 262 | C18H30O  | 026537-71-3 | 87   |
| 3    |    | 11,14,17-Eicosatrienoic acid, me... | 320 | C21H36O2 | 055682-88-7 | 83   |
| 4    |    | 9,12,15-Octadecatrienoic acid, m... | 292 | C19H32O2 | 000301-00-8 | 64   |
| 5    |    | Cyclohexene, 3-ethenyl-             | 108 | C8H12    | 000766-03-0 | 55   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

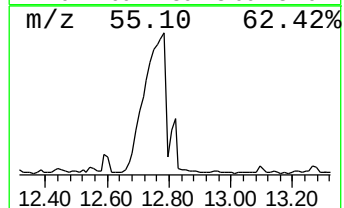
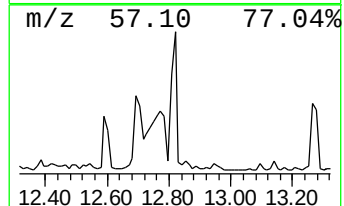
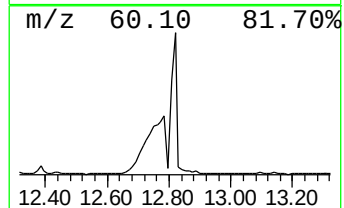
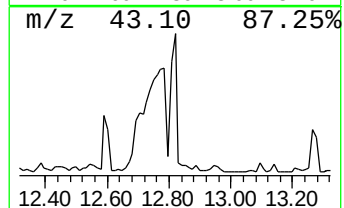
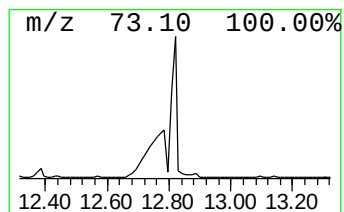
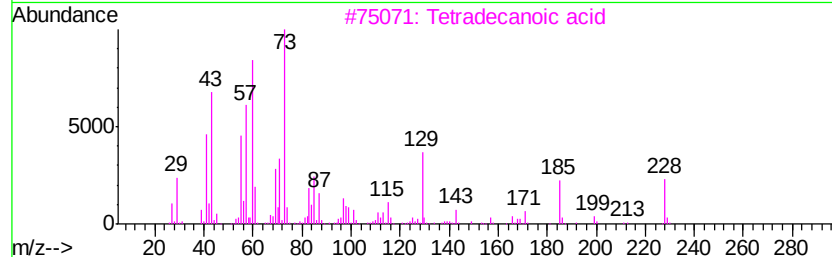
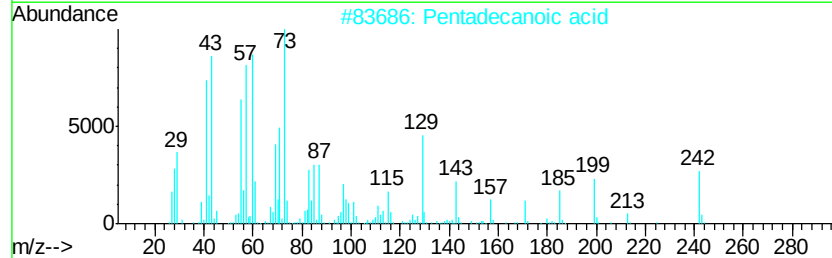
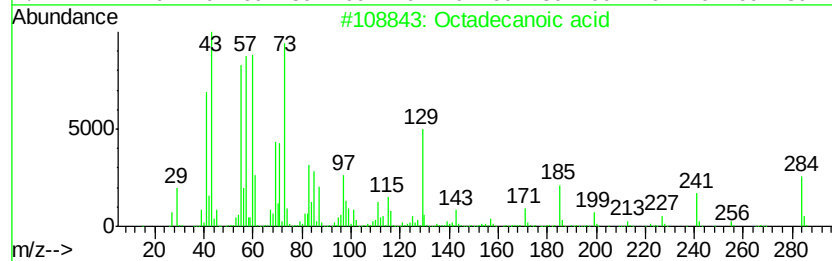
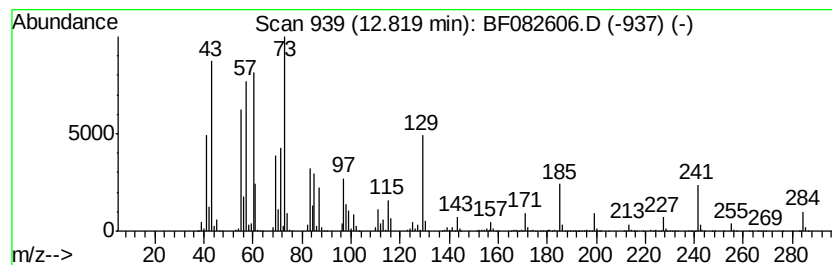
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Octadecanoic acid Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.82 | 95.53 ng | 8809940 | Chrysene-d12     | 14.08 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2 | 89   |
| 3    |    | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8 | 83   |
| 4    |    | Tridecanoic acid                   | 214 | C13H26O2 | 000638-53-9 | 74   |
| 5    |    | Octadecanoic acid, 2-(2-hydroxy... | 372 | C22H44O4 | 000106-11-6 | 72   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

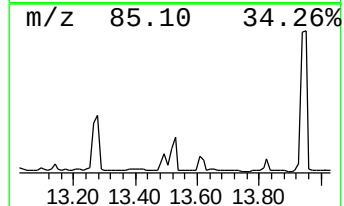
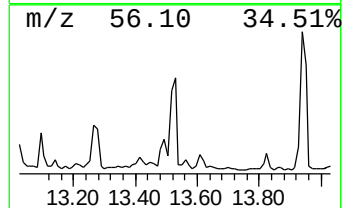
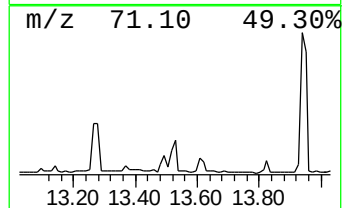
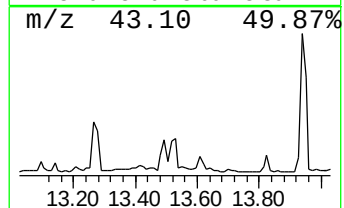
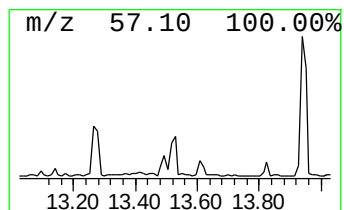
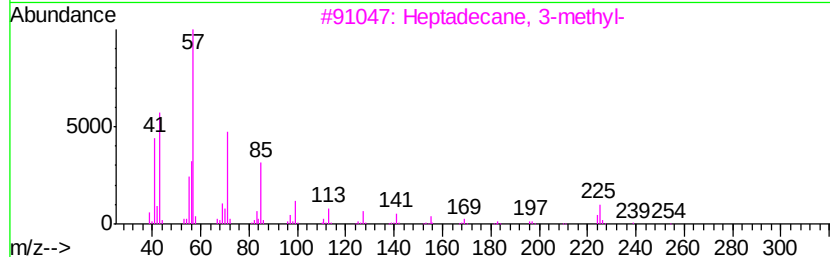
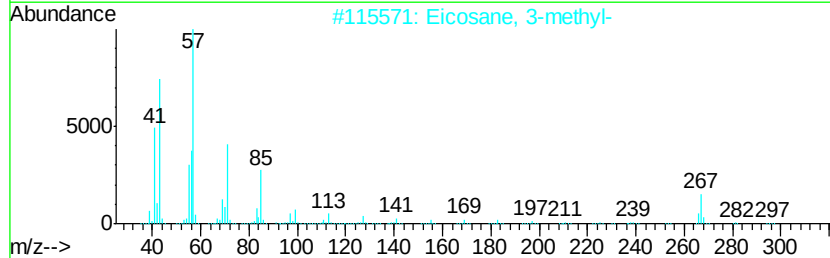
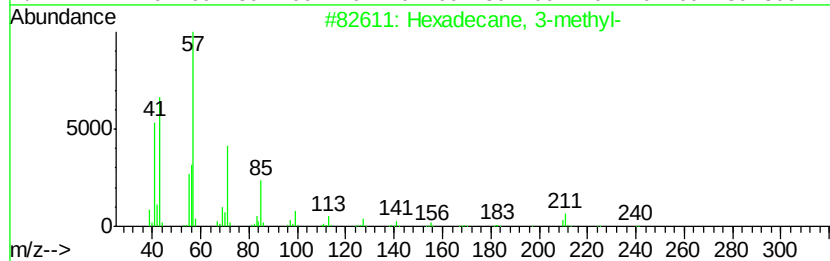
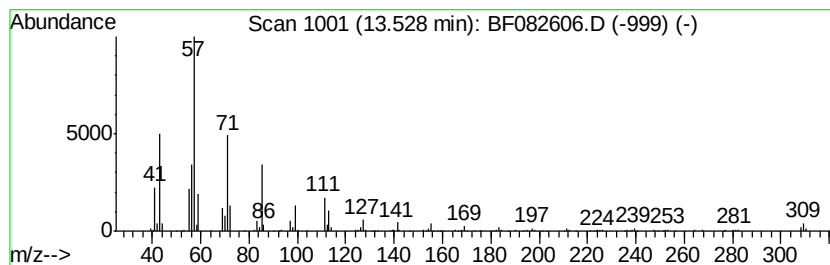
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecane, 3-methyl- Concentration Rank 19

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 13.53 | 21.46 ng | 1978970 | Chrysene-d12     | 14.08 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 3-methyl-  | 240 | C17H36  | 006418-43-5 | 60   |
| 2    |    | Eicosane, 3-methyl-    | 296 | C21H44  | 006418-46-8 | 58   |
| 3    |    | Heptadecane, 3-methyl- | 254 | C18H38  | 006418-44-6 | 58   |
| 4    |    | Docosane               | 310 | C22H46  | 000629-97-0 | 55   |
| 5    |    | Octane, 3,6-dimethyl-  | 142 | C10H22  | 015869-94-0 | 53   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

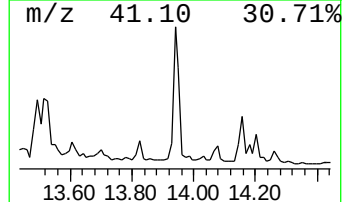
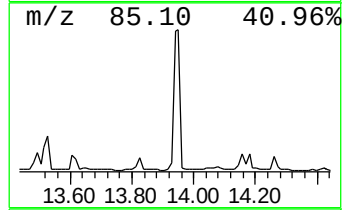
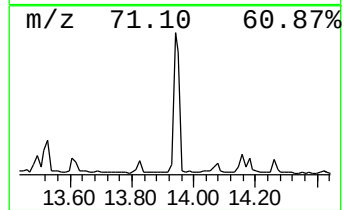
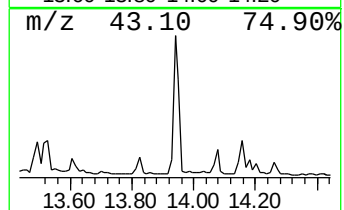
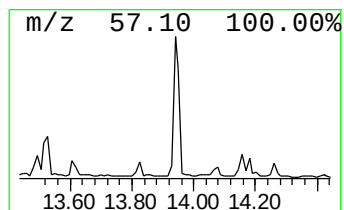
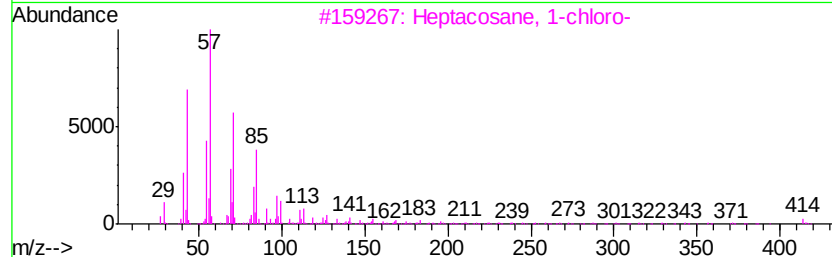
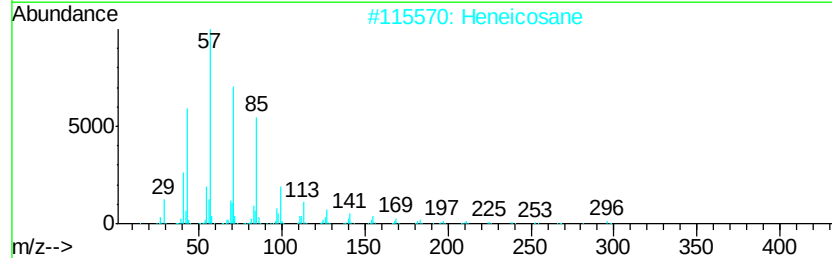
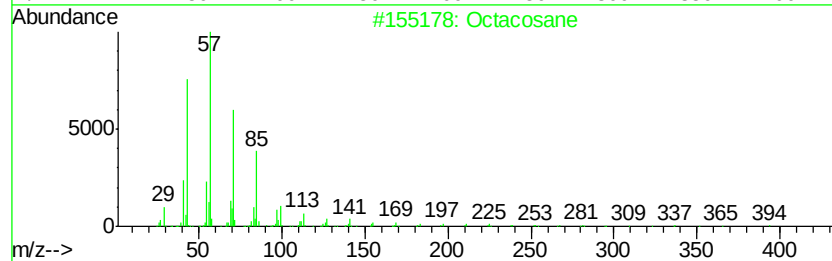
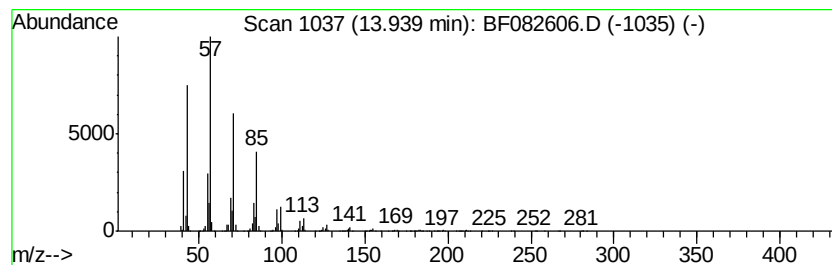
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Octacosane Concentration Rank 12

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 13.94 | 43.47 ng | 4008700 | Chrysene-d12     | 14.08 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | Octacosane             | 394 | C28H58   | 000630-02-4 | 91   |
| 2    |    | Heneicosane            | 296 | C21H44   | 000629-94-7 | 90   |
| 3    |    | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 90   |
| 4    |    | 10-Methylnonadecane    | 282 | C20H42   | 056862-62-5 | 90   |
| 5    |    | Nonadecane, 9-methyl-  | 282 | C20H42   | 013287-24-6 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

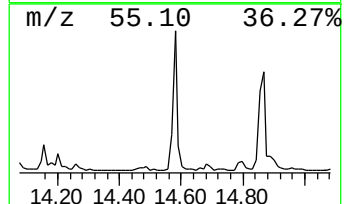
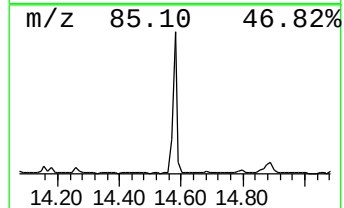
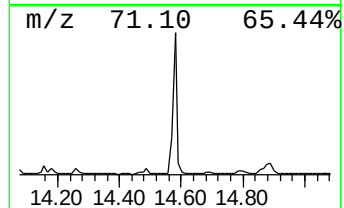
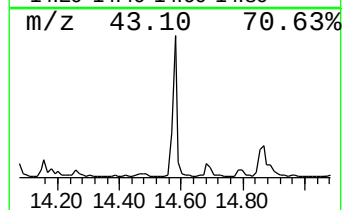
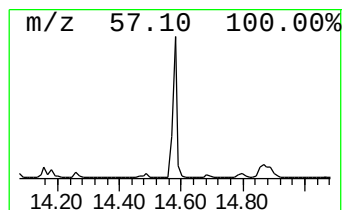
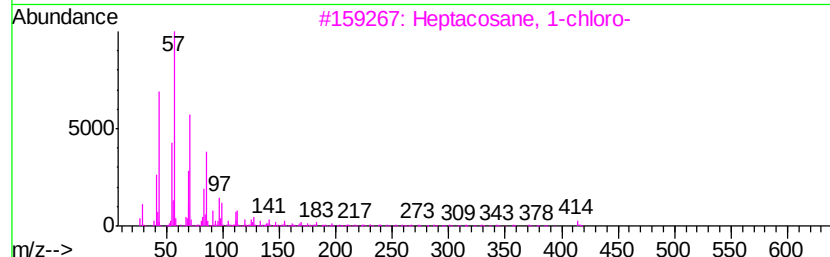
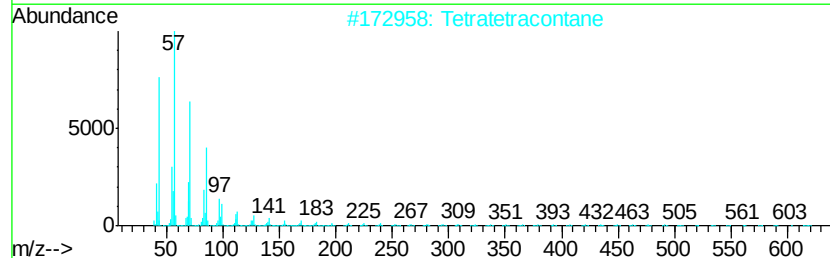
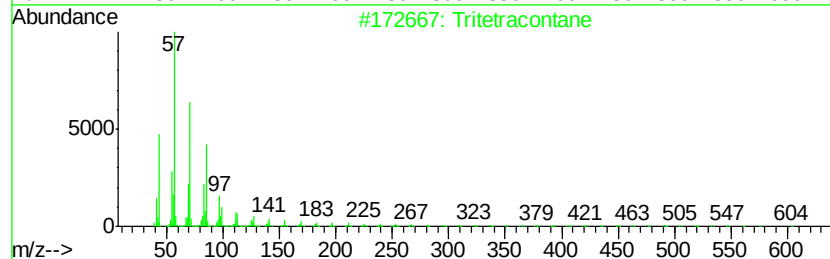
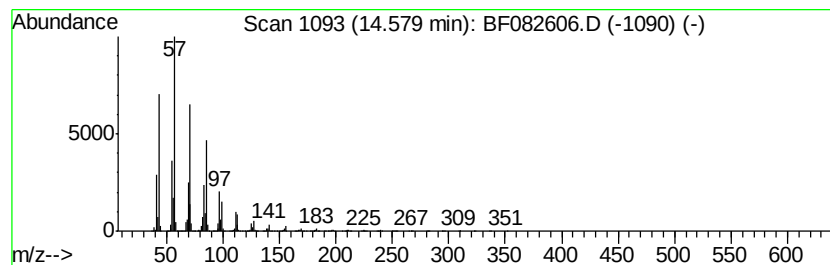
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Tritetracontane Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 14.58 | 81.45 ng | 7511370 | Chrysene-d12     | 14.08 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | Tritetracontane        | 605 | C43H88   | 007098-21-7 | 91   |
| 2    |    | Tetratetracontane      | 619 | C44H90   | 007098-22-8 | 91   |
| 3    |    | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 90   |
| 4    |    | Octadecane, 1-chloro-  | 288 | C18H37Cl | 003386-33-2 | 72   |
| 5    |    | Pentadecane            | 212 | C15H32   | 000629-62-9 | 70   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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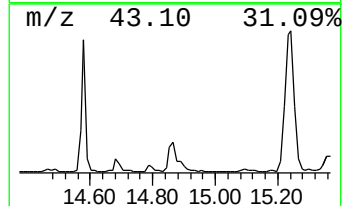
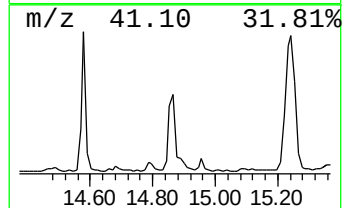
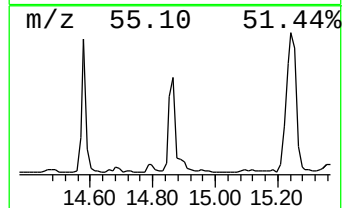
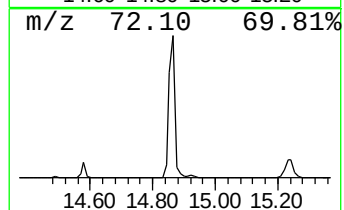
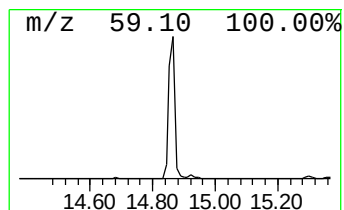
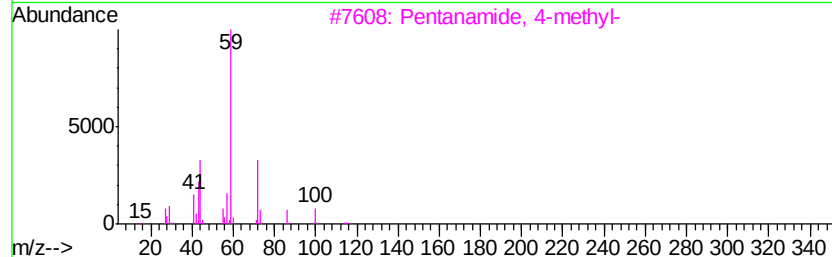
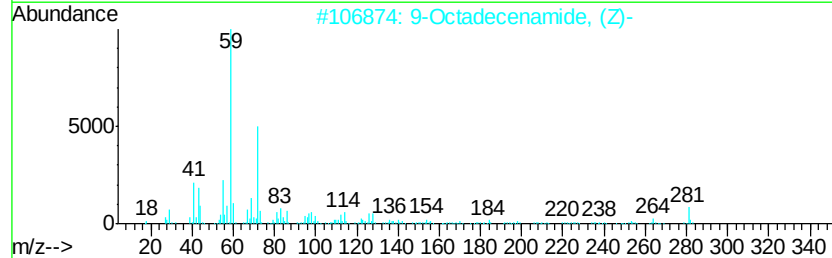
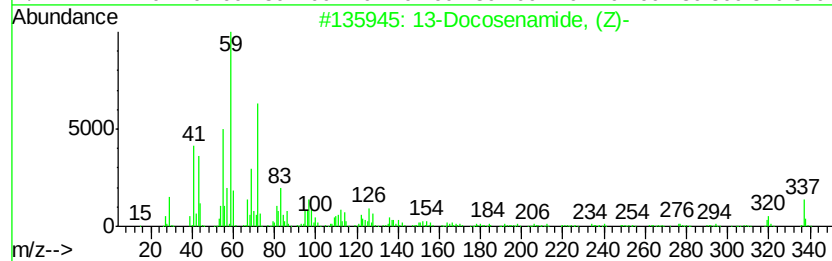
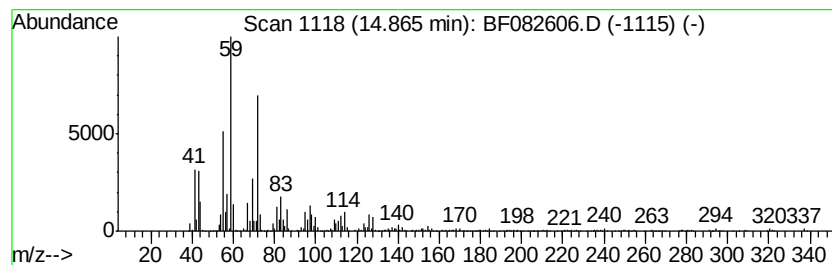
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 13-Docosenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 14.87 | 106.97 ng | 6337830 | Perylene-d12     | 15.54 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 95   |
| 2    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 86   |
| 3    |    | Pentanamide, 4-methyl- | 115 | C6H13NO  | 001119-29-5 | 64   |
| 4    |    | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 59   |
| 5    |    | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 53   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

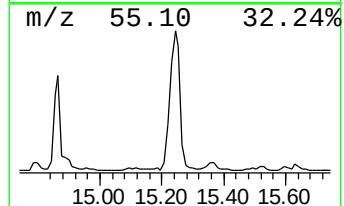
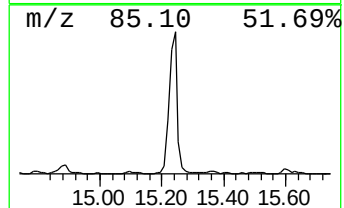
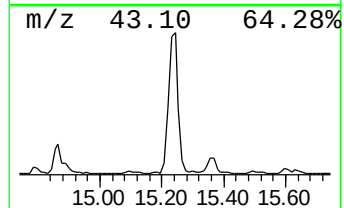
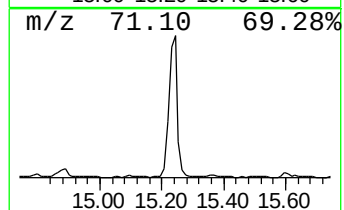
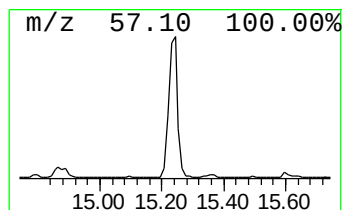
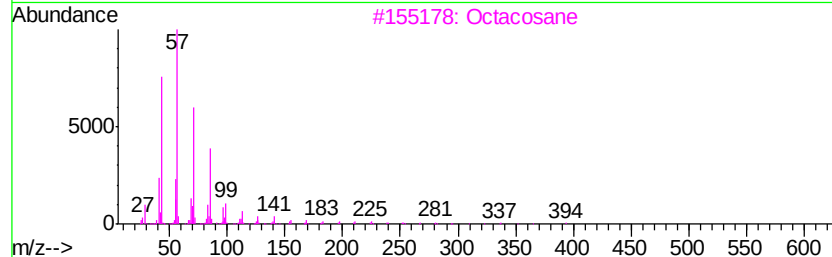
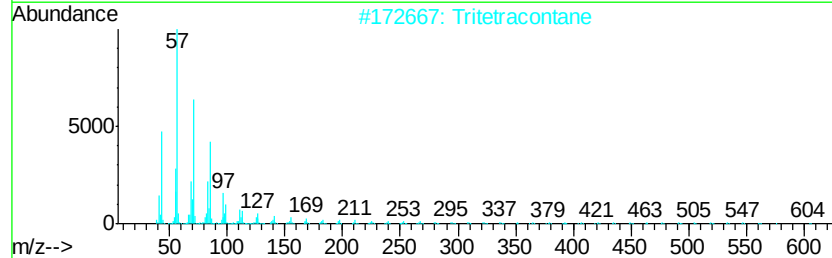
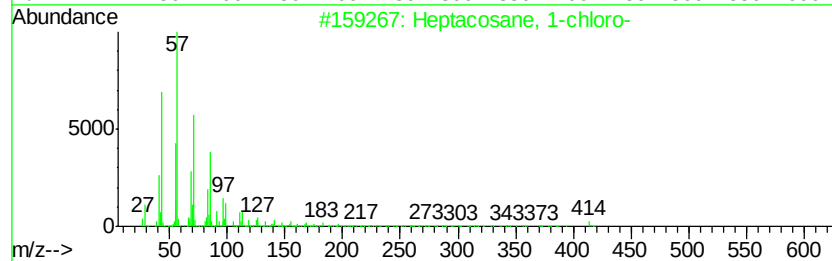
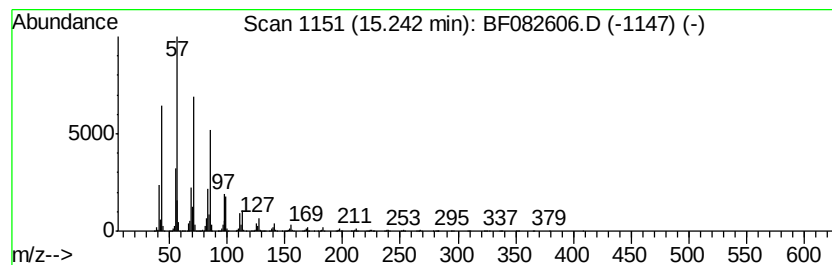
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Heptacosane, 1-chloro- Concentration Rank 3

| R.T.  | EstConc   | Area     | Relative to ISTD | R.T.  |
|-------|-----------|----------|------------------|-------|
| 15.24 | 302.54 ng | 17925300 | Perylene-d12     | 15.54 |

| Hit# of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------|-----|----------|-------------|------|
| 1       |   | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 91   |
| 2       |   | Tritetracontane        | 605 | C43H88   | 007098-21-7 | 91   |
| 3       |   | Octacosane             | 394 | C28H58   | 000630-02-4 | 83   |
| 4       |   | Heneicosane            | 296 | C21H44   | 000629-94-7 | 74   |
| 5       |   | Eicosane               | 282 | C20H42   | 000112-95-8 | 74   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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

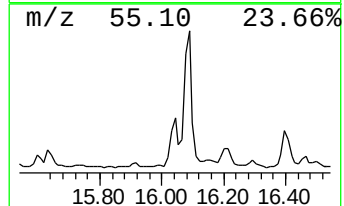
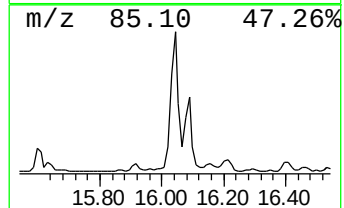
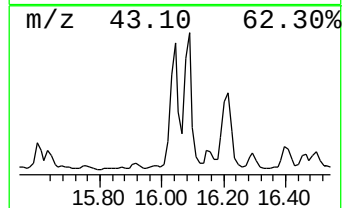
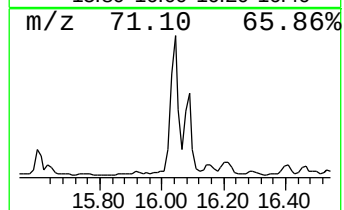
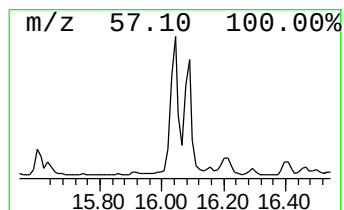
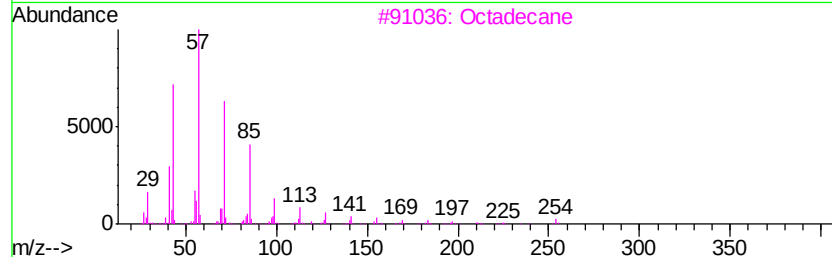
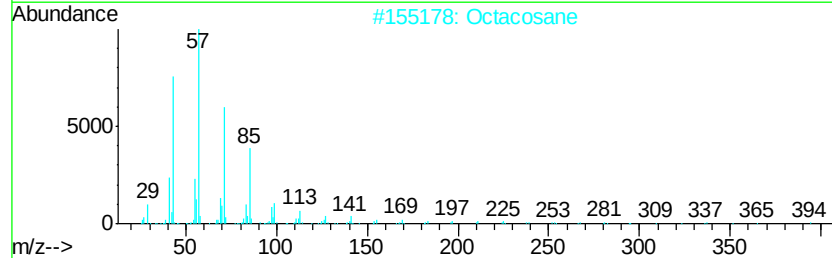
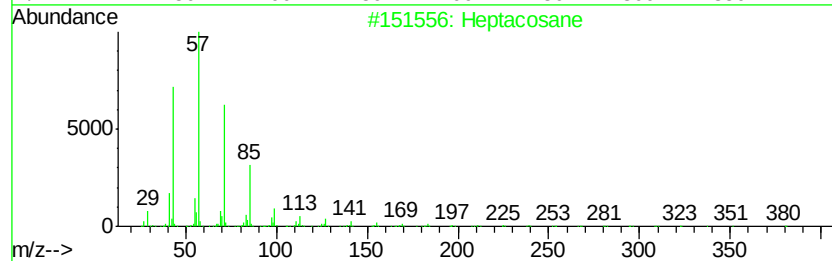
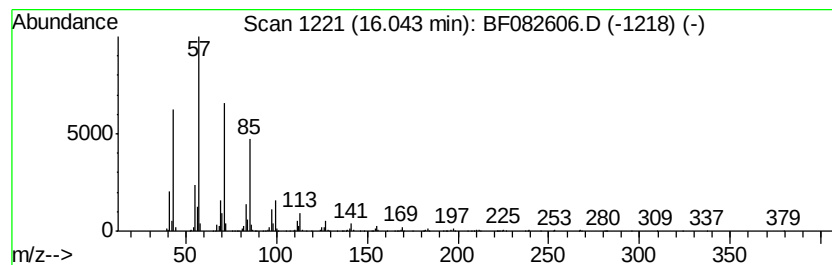
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Heptacosane Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 16.04 | 43.34 ng | 2567660 | Perylene-d12     | 15.54 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    | Octacosane                   | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    | Octadecane                   | 254 | C18H38  | 000593-45-3 | 87   |
| 4    |    | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 87   |
| 5    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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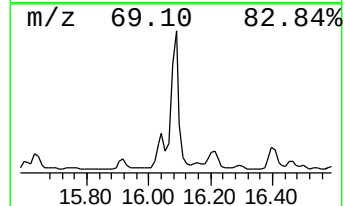
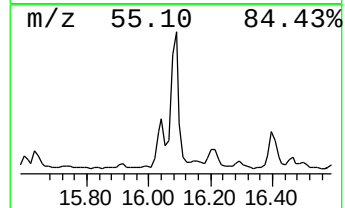
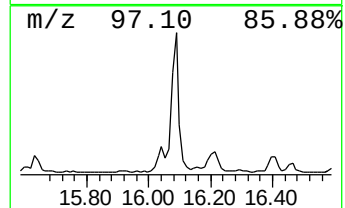
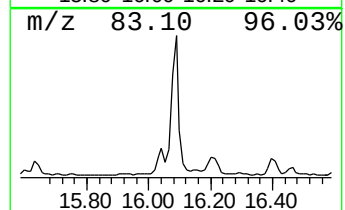
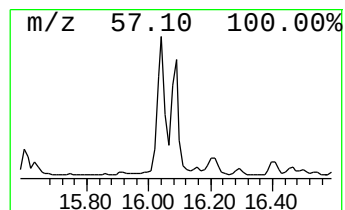
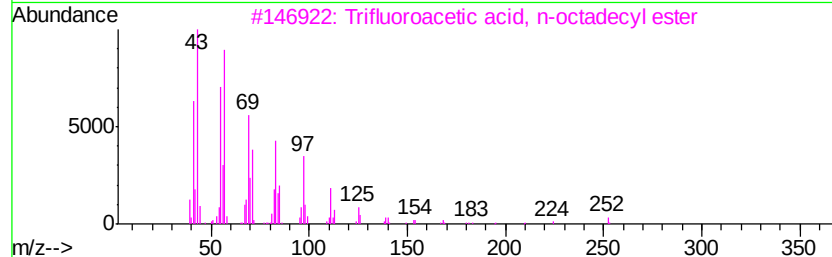
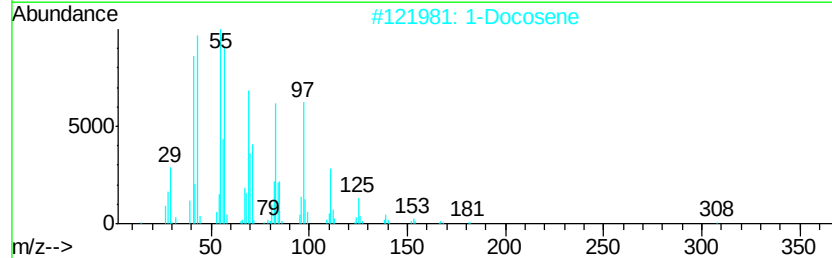
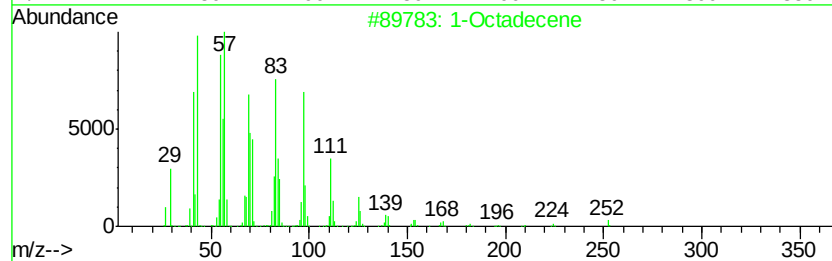
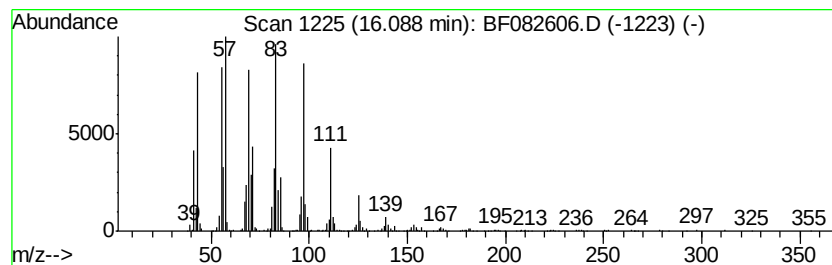
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 1-Octadecene Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 16.09 | 60.15 ng | 3563880 | Perylene-d12     | 15.54 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Octadecene                        | 252 | C18H36     | 000112-88-9 | 93   |
| 2    |    | 1-Docosene                          | 308 | C22H44     | 001599-67-3 | 64   |
| 3    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2 | 079392-43-1 | 58   |
| 4    |    | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7 | 46   |
| 5    |    | 1-Docosanol                         | 326 | C22H46O    | 000661-19-8 | 45   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

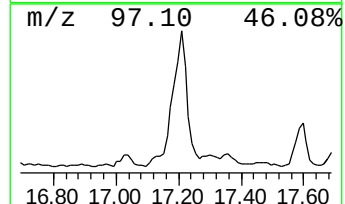
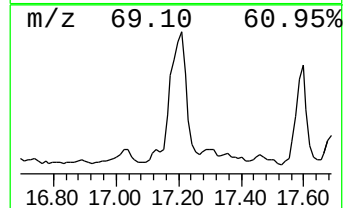
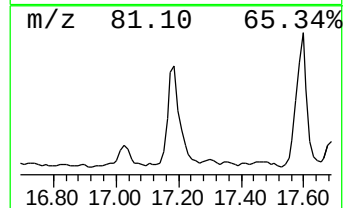
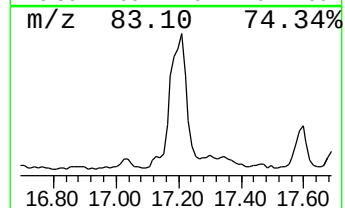
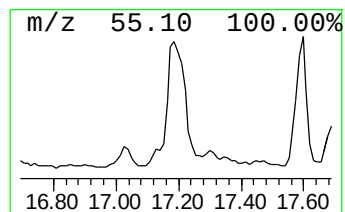
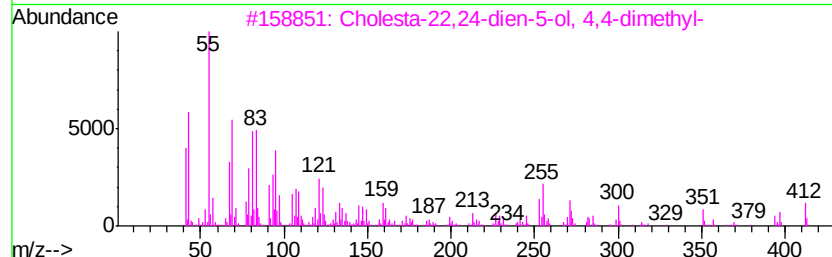
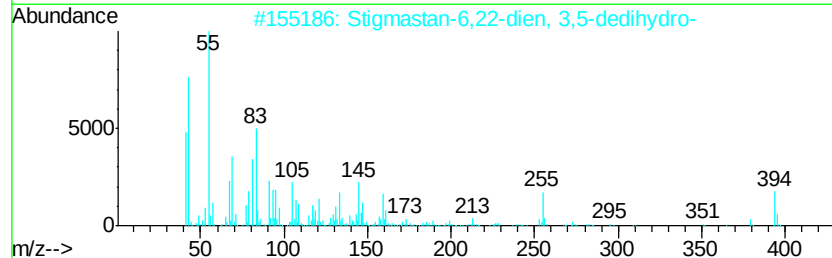
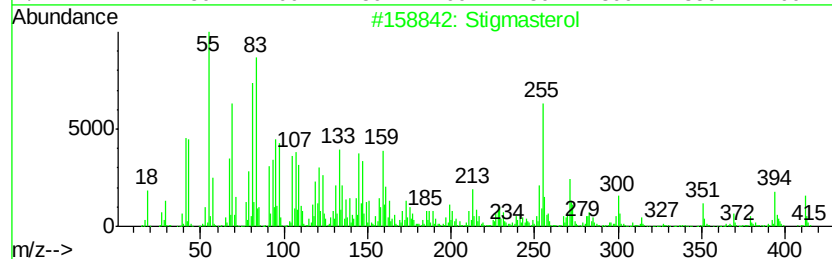
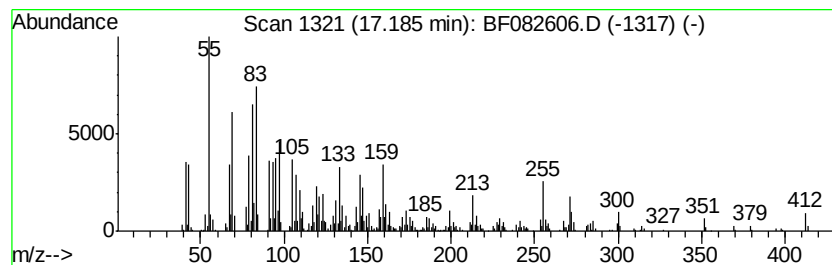
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Stigmasterol Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 17.19 | 56.15 ng | 3327050 | Perylene-d12     | 15.54 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Stigmasterol                        | 412 | C29H48O   | 000083-48-7  | 90   |
| 2    |    | Stigmastan-6,22-dien, 3,5-dedihi... | 394 | C29H46    | 107304-12-1  | 53   |
| 3    |    | Cholesta-22,24-dien-5-ol, 4,4-di... | 412 | C29H48O   | 1000128-66-1 | 45   |
| 4    |    | 7-Heptadecene, 17-chloro-           | 272 | C17H33Cl  | 056554-79-1  | 43   |
| 5    |    | Stigmasteryl tosylate               | 566 | C36H54O3S | 053139-42-7  | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

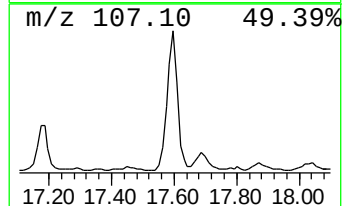
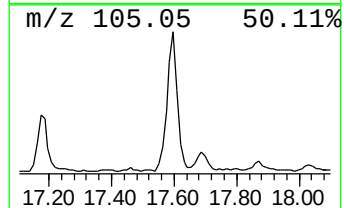
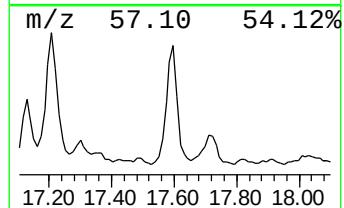
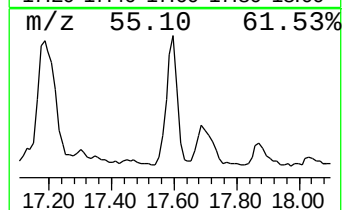
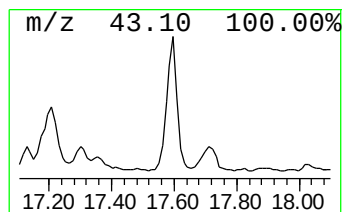
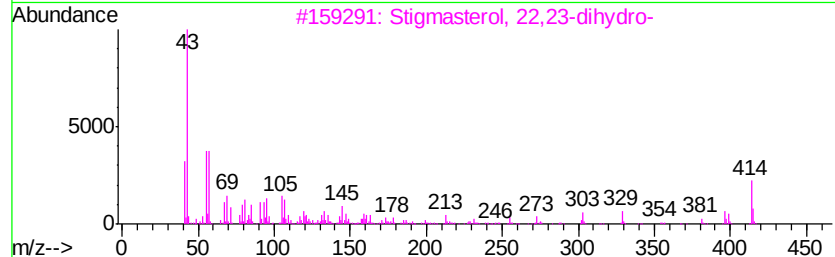
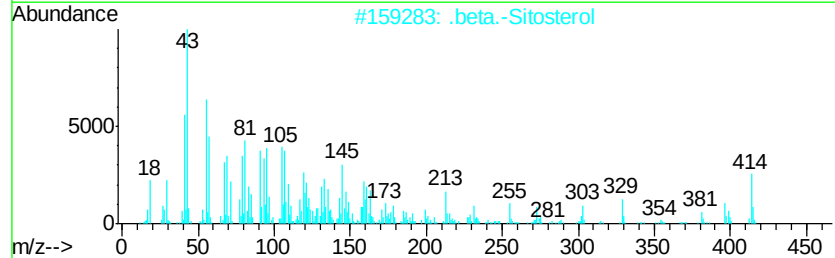
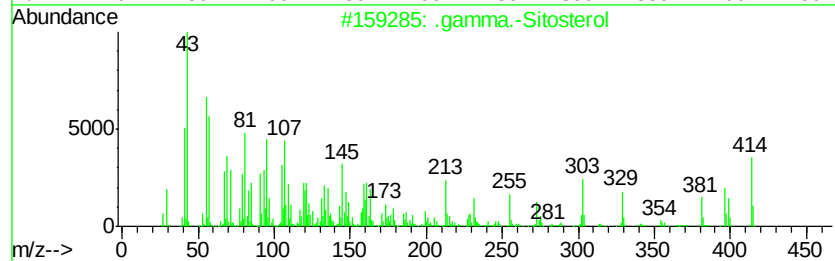
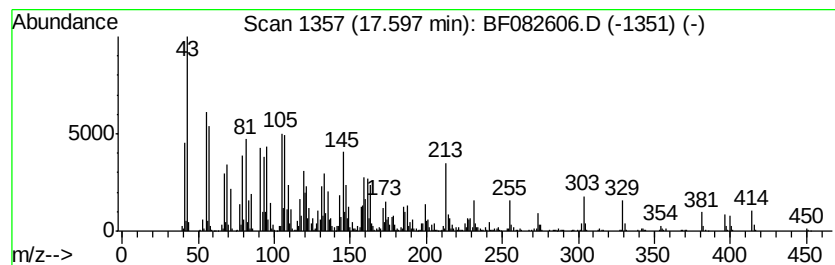
Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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 19 .gamma.-Sitosterol Concentration Rank 7

| R.T.      | EstConc                      | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------------|---------|------------------|--------------|------|
| 17.60     | 81.22 ng                     | 4812080 | Perylene-d12     | 15.54        |      |
| Hit# of 5 | Tentative ID                 | MW      | MolForm          | CAS#         | Qual |
| 1         | .gamma.-Sitosterol           | 414     | C29H50O          | 000083-47-6  | 99   |
| 2         | .beta.-Sitosterol            | 414     | C29H50O          | 000083-46-5  | 94   |
| 3         | Stigmasterol, 22,23-dihydro- | 414     | C29H50O          | 1000214-20-7 | 91   |
| 4         | Ergost-5-en-3-ol, (3.beta.)- | 400     | C28H48O          | 004651-51-8  | 62   |
| 5         | Isocholesteryl methyl ether  | 400     | C28H48O          | 029944-53-4  | 58   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
Data File : BF082606.D  
Acq On : 31 Oct 2015 7:50  
Operator : UM/IZ  
Sample : G4212-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1510053722

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

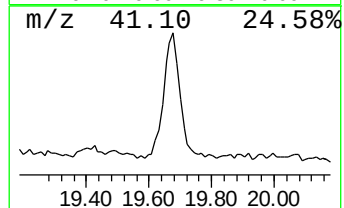
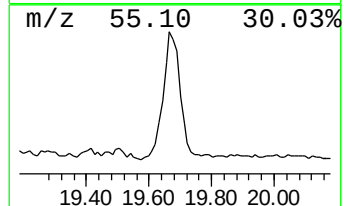
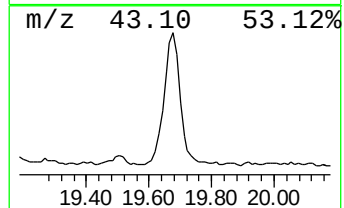
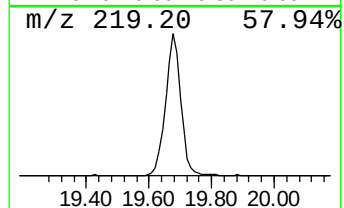
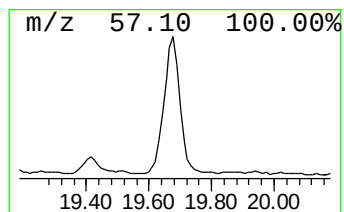
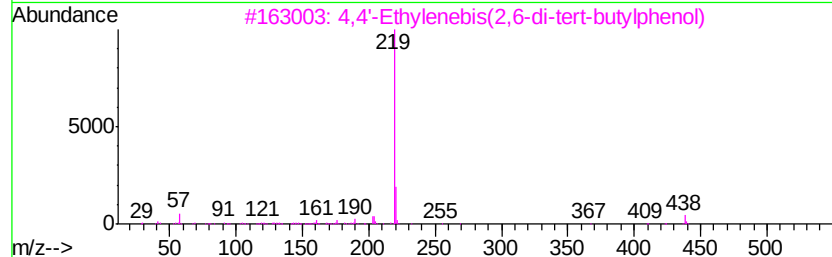
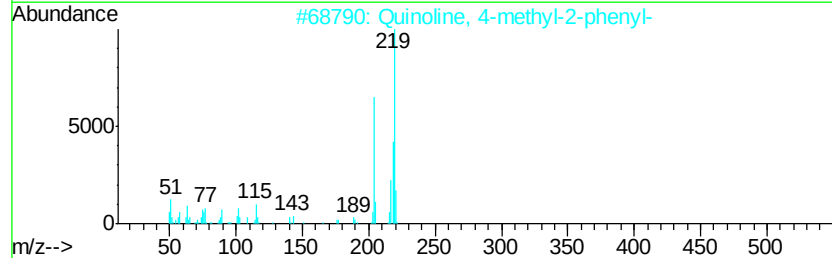
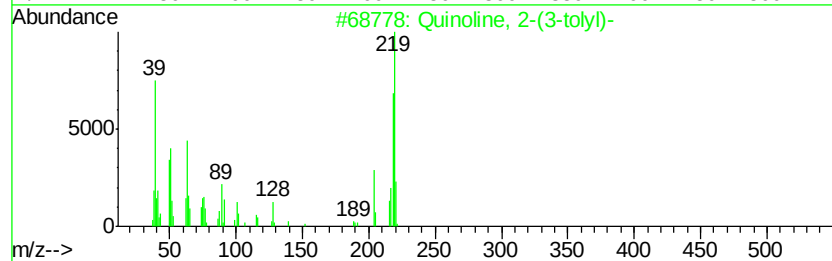
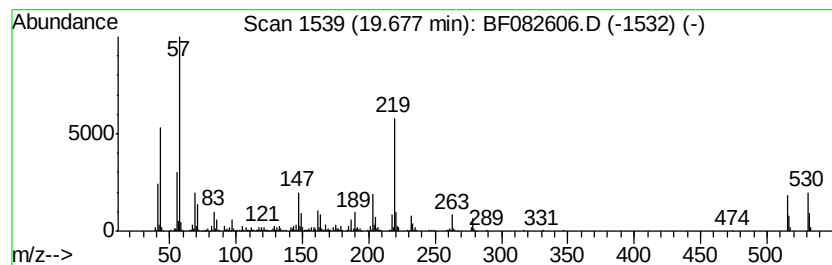
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 unknown19.38 Concentration Rank 14

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 19.68 | 37.25 ng | 2207280 | Perylene-d12     | 15.54 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Quinoline, 2-(3-tolyl)-             | 219 | C16H13N   | 024641-30-3  | 38   |
| 2    |    | Quinoline, 4-methyl-2-phenyl-       | 219 | C16H13N   | 004789-76-8  | 27   |
| 3    |    | 4,4'-Ethylenebis(2,6-di-tert-but... | 438 | C30H46O2  | 001516-94-5  | 27   |
| 4    |    | 2-Phenyl-6-vinylindolizine          | 219 | C16H13N   | 077652-49-4  | 27   |
| 5    |    | Propanoic acid, 2-(1,3-dioxo-2,3... | 249 | C12H11N05 | 1000196-70-9 | 27   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF103015\  
 Data File : BF082606.D  
 Acq On : 31 Oct 2015 7:50  
 Operator : UM/IZ  
 Sample : G4212-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1510053722

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 |
| 2-Pentanone, 4-hy... | 5.08  | 29.1 ng   |       | 2705150  | 1                     | 6.90  | 1859750 | 20.0 |
| unknown6.67          | 6.67  | 56.0 ng   |       | 5207530  | 1                     | 6.90  | 1859750 | 20.0 |
| Tetradecane          | 8.80  | 20.7 ng   |       | 2535030  | 2                     | 8.19  | 2449660 | 20.0 |
| Dodecanoic acid      | 10.19 | 53.5 ng   |       | 5160090  | 3                     | 9.95  | 1930420 | 20.0 |
| Benzene, 1-methyl... | 10.84 | 21.5 ng   |       | 2839290  | 4                     | 11.44 | 2639500 | 20.0 |
| 2-Propenoic acid,... | 11.66 | 33.2 ng   |       | 4376310  | 4                     | 11.44 | 2639500 | 20.0 |
| n-Hexadecanoic acid  | 12.04 | 341.7 ng  |       | 45100200 | 4                     | 11.44 | 2639500 | 20.0 |
| Phytol               | 12.59 | 24.1 ng   |       | 3176820  | 4                     | 11.44 | 2639500 | 20.0 |
| 9,12,15-Octadecat... | 12.79 | 1006.2 ng |       | 92789700 | 5                     | 14.08 | 1844340 | 20.0 |
| Octadecanoic acid    | 12.82 | 95.5 ng   |       | 8809940  | 5                     | 14.08 | 1844340 | 20.0 |
| Hexadecane, 3-met... | 13.53 | 21.5 ng   |       | 1978970  | 5                     | 14.08 | 1844340 | 20.0 |
| Octacosane           | 13.94 | 43.5 ng   |       | 4008700  | 5                     | 14.08 | 1844340 | 20.0 |
| Tritetracontane      | 14.58 | 81.5 ng   |       | 7511370  | 5                     | 14.08 | 1844340 | 20.0 |
| 13-Docosenamide, ... | 14.87 | 107.0 ng  |       | 6337830  | 6                     | 15.54 | 1185000 | 20.0 |
| Heptacosane, 1-ch... | 15.24 | 302.5 ng  |       | 17925300 | 6                     | 15.54 | 1185000 | 20.0 |
| Heptacosane          | 16.04 | 43.3 ng   |       | 2567660  | 6                     | 15.54 | 1185000 | 20.0 |
| 1-Octadecene         | 16.09 | 60.1 ng   |       | 3563880  | 6                     | 15.54 | 1185000 | 20.0 |
| Stigmasterol         | 17.19 | 56.1 ng   |       | 3327050  | 6                     | 15.54 | 1185000 | 20.0 |
| .gamma.-Sitosterol   | 17.60 | 81.2 ng   |       | 4812080  | 6                     | 15.54 | 1185000 | 20.0 |
| unknown19.38         | 19.68 | 37.3 ng   |       | 2207280  | 6                     | 15.54 | 1185000 | 20.0 |