

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\  
 Data File : BF090588.D  
 Acq On : 15 Oct 2016 5:47  
 Operator : UM/SJ  
 Sample : H5263-05  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-001-C

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-BF101316.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         | 5.114       | 240           | 243         | 252          | rBV      | 1397211        | 1942542       | 35.97%          | 4.573%        |
| 2         | 5.526       | 276           | 279         | 282          | rBV      | 3826160        | 4023177       | 74.49%          | 9.471%        |
| 3         | 6.554       | 366           | 369         | 371          | rBV      | 3582364        | 4510962       | 83.52%          | 10.620%       |
| 4         | 6.680       | 378           | 380         | 383          | rBV      | 3274259        | 4514191       | 83.58%          | 10.627%       |
| 5         | 6.920       | 399           | 401         | 412          | rBV      | 770184         | 1066597       | 19.75%          | 2.511%        |
| 6         | 7.069       | 412           | 414         | 417          | rBV      | 3081773        | 3498089       | 64.77%          | 8.235%        |
| 7         | 7.480       | 447           | 450         | 466          | rBV      | 2399485        | 3095015       | 57.31%          | 7.286%        |
| 8         | 8.200       | 511           | 513         | 522          | rBV      | 1290419        | 1535960       | 28.44%          | 3.616%        |
| 9         | 8.315       | 522           | 523         | 541          | rVB5     | 21567          | 82504         | 1.53%           | 0.194%        |
| 10        | 9.286       | 605           | 608         | 610          | rBV      | 4799497        | 5400836       | 100.00%         | 12.715%       |
| 11        | 9.675       | 640           | 642         | 644          | rBV      | 494392         | 454082        | 8.41%           | 1.069%        |
| 12        | 9.892       | 659           | 661         | 663          | rVB      | 67763          | 55636         | 1.03%           | 0.131%        |
| 13        | 9.960       | 664           | 667         | 669          | rBV      | 1915601        | 1692140       | 31.33%          | 3.984%        |
| 14        | 10.395      | 701           | 705         | 706          | rBV      | 136422         | 134480        | 2.49%           | 0.317%        |
| 15        | 10.612      | 721           | 724         | 727          | rBV      | 51529          | 85868         | 1.59%           | 0.202%        |
| 16        | 10.749      | 733           | 736         | 743          | rBV      | 2414998        | 2584232       | 47.85%          | 6.084%        |
| 17        | 10.863      | 745           | 746         | 753          | rVB      | 173242         | 239245        | 4.43%           | 0.563%        |
| 18        | 11.309      | 784           | 785         | 787          | rBV      | 49810          | 68894         | 1.28%           | 0.162%        |
| 19        | 11.446      | 795           | 797         | 812          | rBV      | 1279326        | 1484747       | 27.49%          | 3.495%        |
| 20        | 13.035      | 934           | 936         | 952          | rBV      | 3806691        | 4126747       | 76.41%          | 9.715%        |
| 21        | 13.927      | 1012          | 1014        | 1023         | rBV      | 129859         | 167138        | 3.09%           | 0.393%        |
| 22        | 14.087      | 1026          | 1028        | 1041         | rVV      | 676842         | 861380        | 15.95%          | 2.028%        |
| 23        | 15.550      | 1153          | 1156        | 1172         | rBV      | 538441         | 853188        | 15.80%          | 2.009%        |

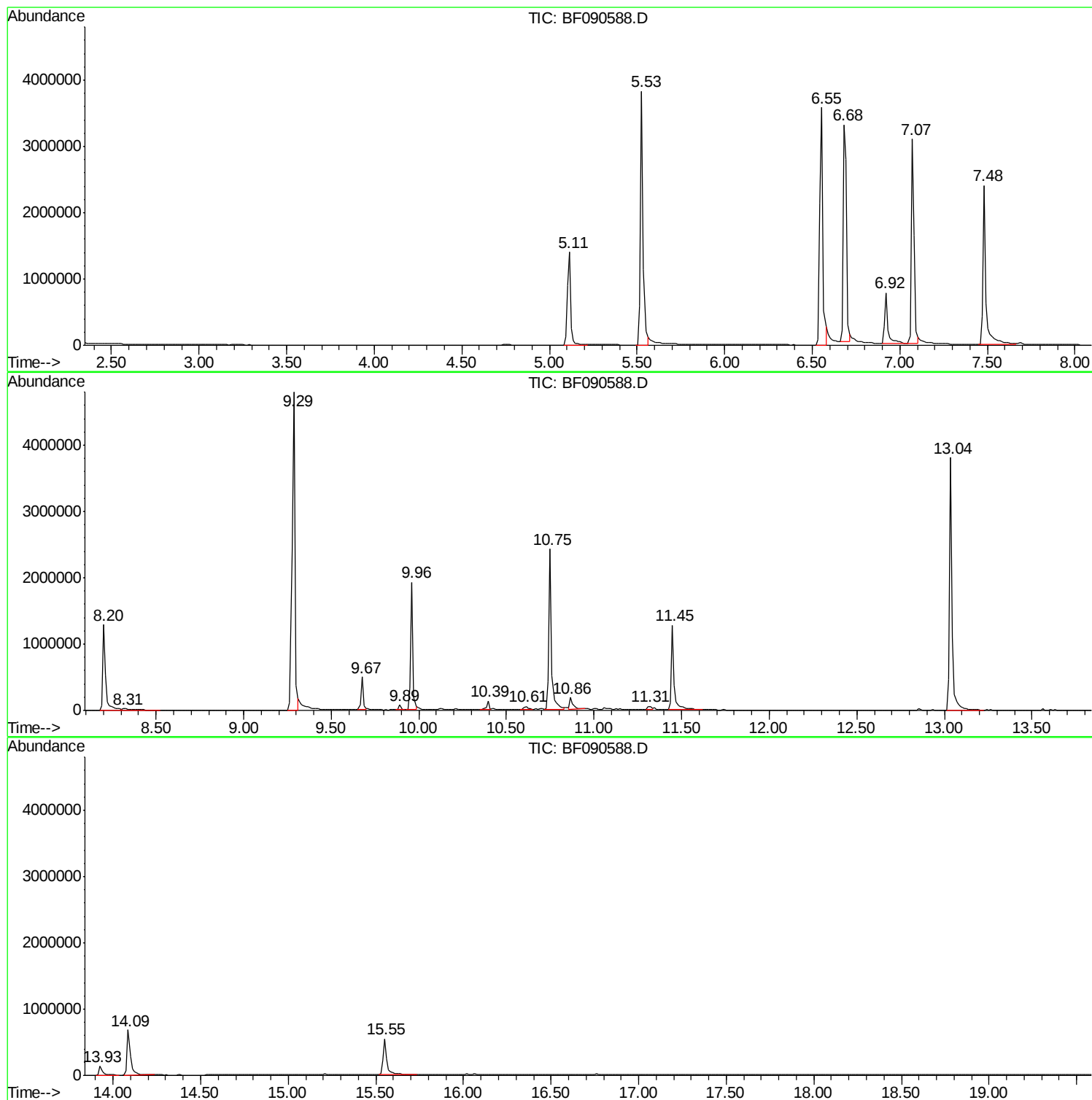
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ClientSampleId :  
FK-BPM-02-001-C

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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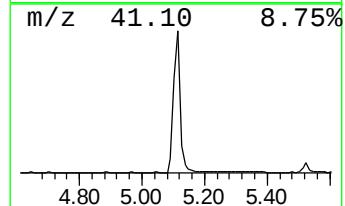
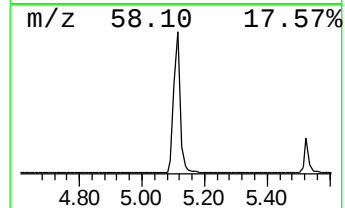
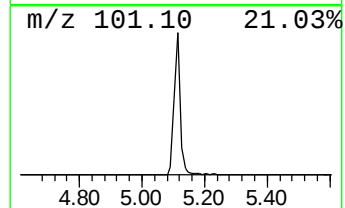
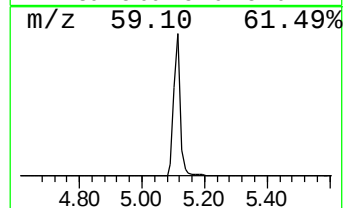
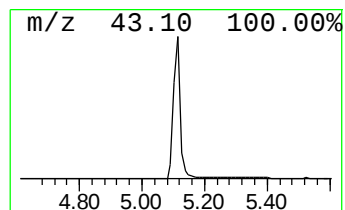
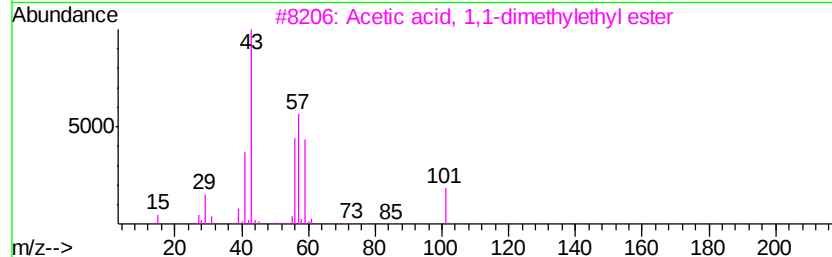
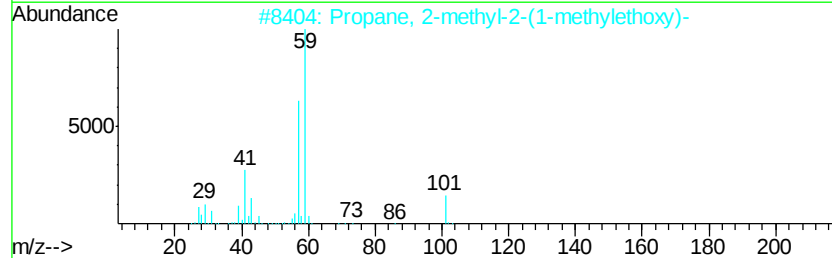
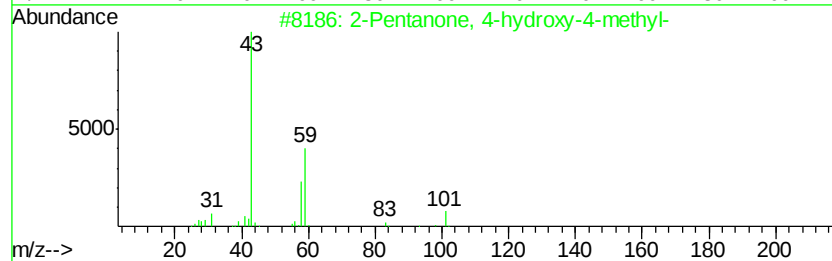
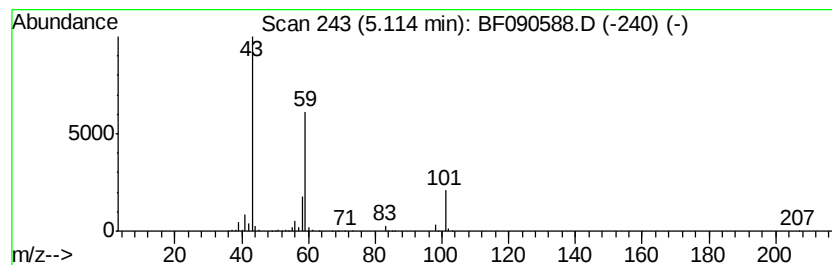
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.11 | 36.43 ng | 1942540 | 1,4-Dichlorobenzene-d4 | 6.92 |

| 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-methylethoxy)- | 116 | C7H16O   | 017348-59-3 | 53   |
| 3    |    | Acetic acid, 1,1-dimethylethyl ester  | 116 | C6H12O2  | 000540-88-5 | 39   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl-    | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | Acetone                               | 58  | C3H6O    | 000067-64-1 | 9    |



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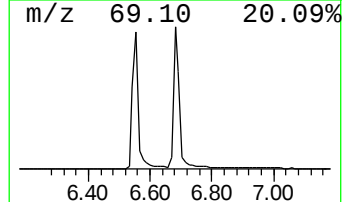
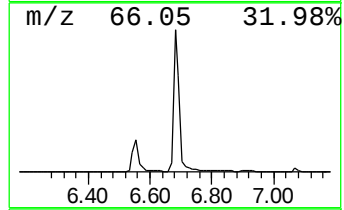
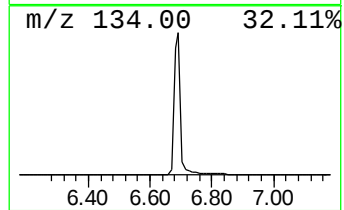
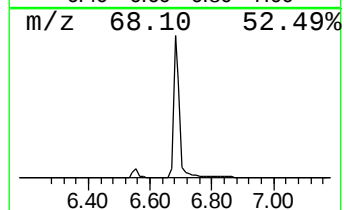
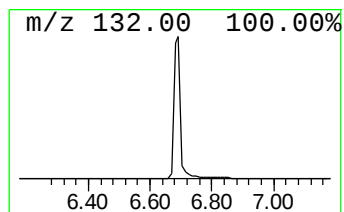
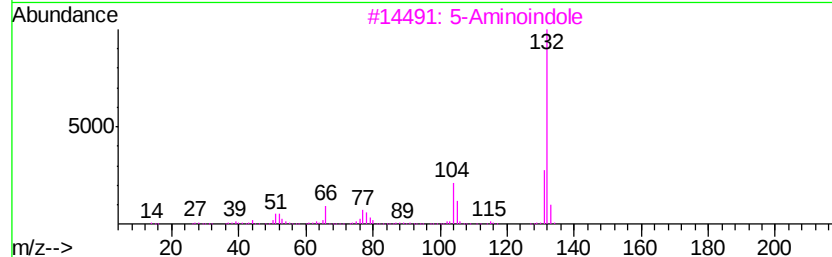
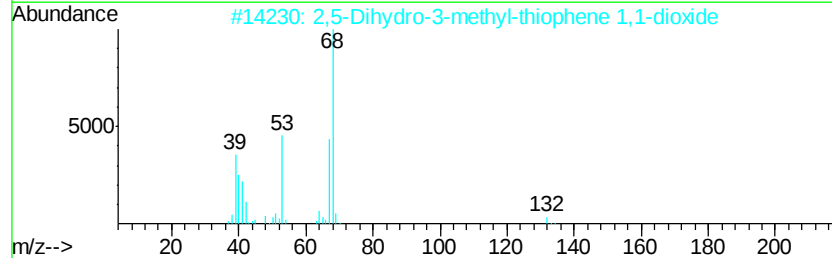
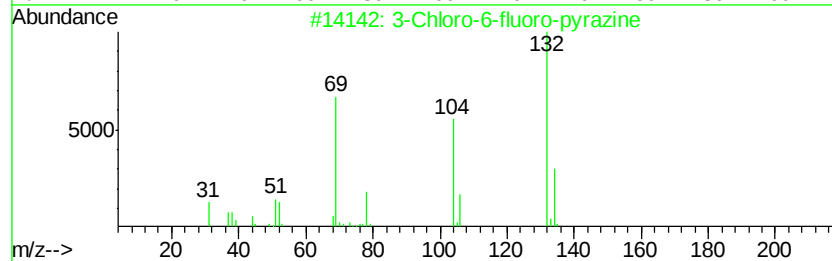
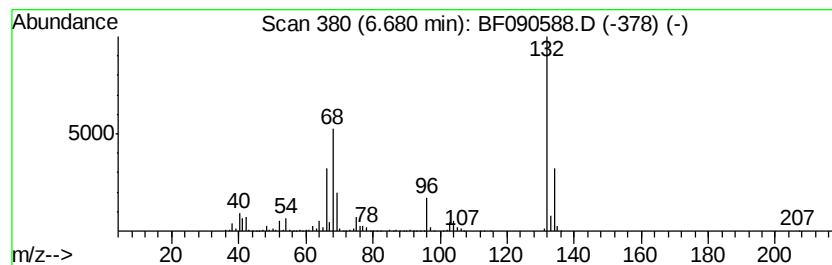
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.68 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.68 | 84.65 ng | 4514190 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 2,5-Dihydro-3-methyl-thiophene 1... | 132 | C5H8O2S   | 001193-10-8  | 17   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 2-Cyclohexen-1-one                  | 96  | C6H8O     | 000930-68-7  | 11   |
| 5    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |



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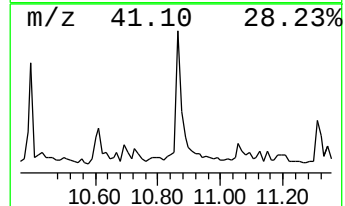
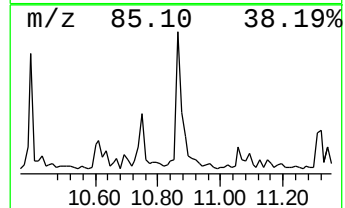
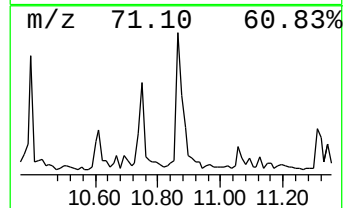
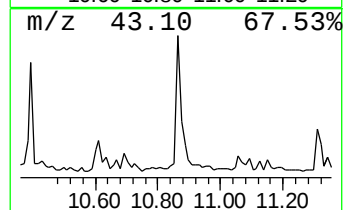
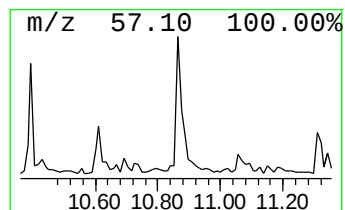
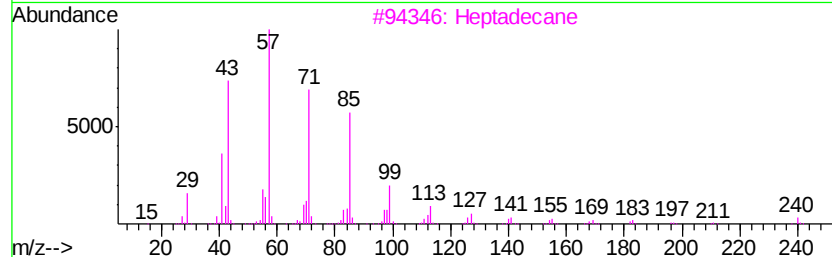
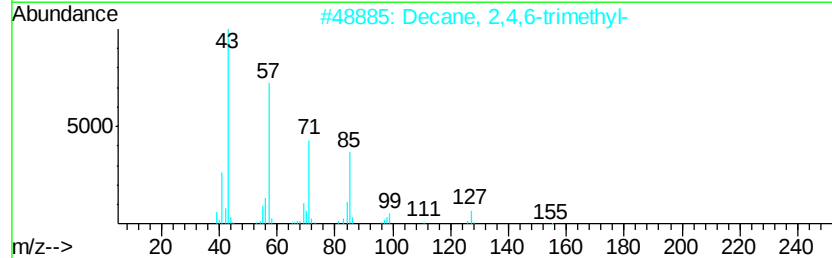
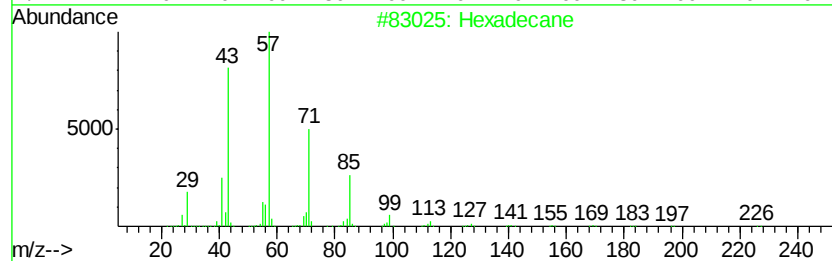
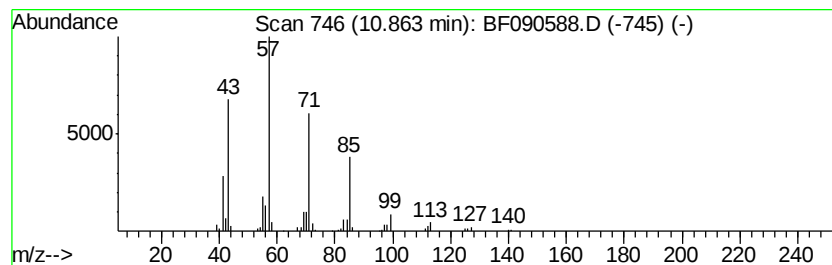
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ClientSampleId :  
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexadecane Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD |              | R.T.  |
|-----------|-------------------------------------|--------|------------------|--------------|-------|
| 10.86     | 3.22 ng                             | 239245 | Phenanthrene-d10 |              | 11.45 |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual  |
| 1         | Hexadecane                          | 226    | C16H34           | 000544-76-3  | 90    |
| 2         | Decane, 2,4,6-trimethyl-            | 184    | C13H28           | 062108-27-4  | 86    |
| 3         | Heptadecane                         | 240    | C17H36           | 000629-78-7  | 83    |
| 4         | Pentadecane                         | 212    | C15H32           | 000629-62-9  | 78    |
| 5         | Sulfurous acid, 2-ethylhexyl iso... | 278    | C14H30O3S        | 1000309-19-0 | 72    |



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ClientSampleId :  
FK-BPM-02-001-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

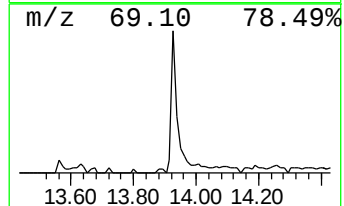
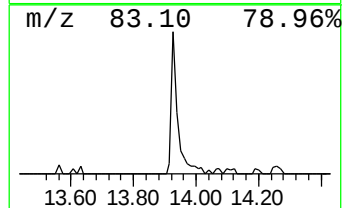
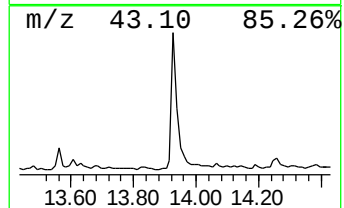
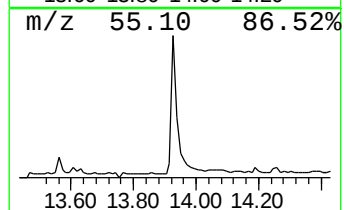
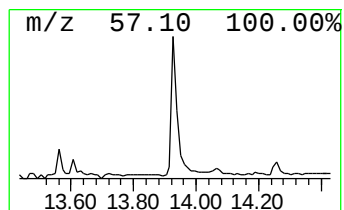
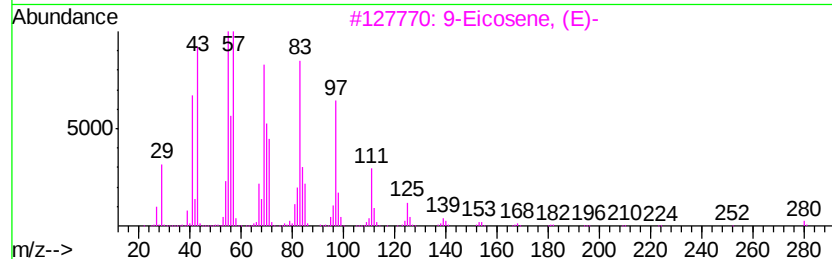
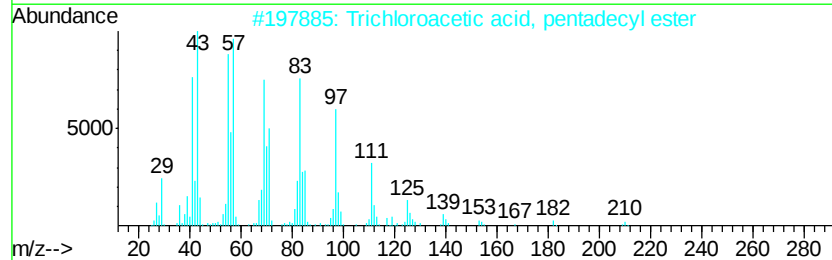
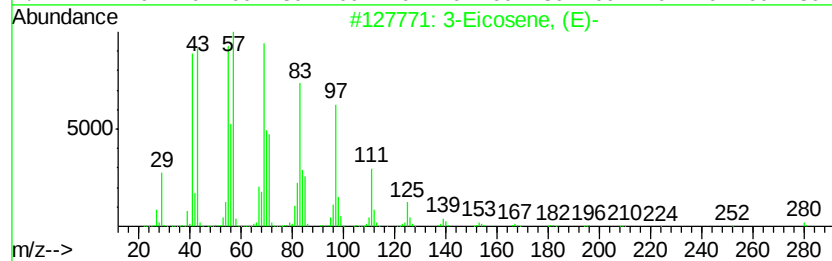
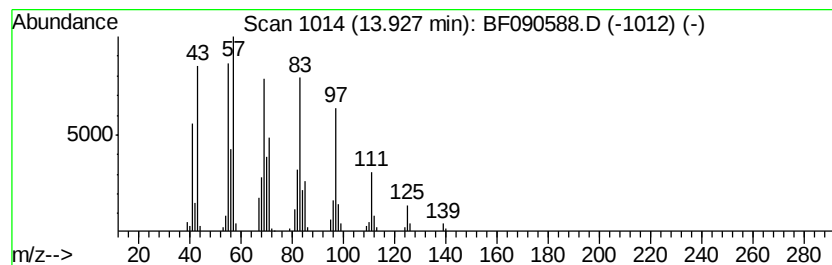
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Peak Number 5 3-Eicosene, (E)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.93 | 3.88 ng | 167138 | Chrysene-d12     | 14.09 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 94   |
| 2    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91   |
| 3    |    | 9-Eicosene, (E)-                    | 280 | C20H40      | 074685-29-3 | 91   |
| 4    |    | Trifluoroacetoxv hexadecane         | 338 | C18H33F3O2  | 006222-03-3 | 91   |
| 5    |    | 1-Hexadecanol                       | 242 | C16H34O     | 036653-82-4 | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.11  | 36.4    | ng    | 1942540  | 1                     | 6.92  | 1066600 | 20.0 |
| unknown6.68          | 6.68  | 84.7    | ng    | 4514190  | 1                     | 6.92  | 1066600 | 20.0 |
| Hexadecane           | 10.86 | 3.2     | ng    | 239245   | 4                     | 11.45 | 1484750 | 20.0 |
| 3-Eicosene, (E)-     | 13.93 | 3.9     | ng    | 167138   | 5                     | 14.09 | 861380  | 20.0 |