

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012017\  
 Data File : BF092385.D  
 Acq On : 20 Jan 2017 21:08  
 Operator : UM/SJ  
 Sample : I1265-08 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-5

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-BF122116.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         | 4.622       | 246           | 248         | 253          | rBV      | 19183          | 39731         | 2.96%           | 0.495%        |
| 2         | 5.124       | 290           | 292         | 297          | rBV      | 60101          | 121008        | 9.00%           | 1.507%        |
| 3         | 6.210       | 384           | 387         | 393          | rBV      | 90754          | 188234        | 14.00%          | 2.345%        |
| 4         | 6.302       | 393           | 395         | 399          | rVB      | 173023         | 196032        | 14.58%          | 2.442%        |
| 5         | 6.519       | 412           | 414         | 417          | rBV      | 1102705        | 1045174       | 77.74%          | 13.018%       |
| 6         | 6.679       | 426           | 428         | 436          | rVB      | 152033         | 150386        | 11.19%          | 1.873%        |
| 7         | 7.102       | 463           | 465         | 476          | rVB      | 68381          | 93934         | 6.99%           | 1.170%        |
| 8         | 7.810       | 525           | 527         | 530          | rBV      | 1580048        | 1344427       | 100.00%         | 16.745%       |
| 9         | 8.896       | 619           | 622         | 624          | rBV      | 146044         | 187597        | 13.95%          | 2.337%        |
| 10        | 9.296       | 655           | 657         | 659          | rVB      | 22837          | 19048         | 1.42%           | 0.237%        |
| 11        | 9.559       | 677           | 680         | 682          | rBV      | 1433676        | 1261597       | 93.84%          | 15.714%       |
| 12        | 10.005      | 718           | 719         | 723          | rVB3     | 9379           | 15118         | 1.12%           | 0.188%        |
| 13        | 10.348      | 747           | 749         | 754          | rBV2     | 51153          | 69015         | 5.13%           | 0.860%        |
| 14        | 10.485      | 759           | 761         | 765          | rVB2     | 10581          | 18023         | 1.34%           | 0.224%        |
| 15        | 10.919      | 797           | 799         | 805          | rVB3     | 11346          | 22660         | 1.69%           | 0.282%        |
| 16        | 11.034      | 807           | 809         | 812          | rBV      | 1204167        | 1076078       | 80.04%          | 13.403%       |
| 17        | 12.245      | 913           | 915         | 917          | rBV      | 18971          | 18229         | 1.36%           | 0.227%        |
| 18        | 12.462      | 932           | 934         | 936          | rBV2     | 97523          | 101258        | 7.53%           | 1.261%        |
| 19        | 12.542      | 936           | 941         | 943          | rVB2     | 18062          | 33238         | 2.47%           | 0.414%        |
| 20        | 12.622      | 945           | 948         | 950          | rBV      | 124197         | 157078        | 11.68%          | 1.956%        |
| 21        | 12.874      | 967           | 970         | 971          | rBV2     | 10953          | 17319         | 1.29%           | 0.216%        |
| 22        | 13.171      | 993           | 996         | 997          | rBV      | 46686          | 64280         | 4.78%           | 0.801%        |
| 23        | 13.205      | 997           | 999         | 1001         | rBV      | 20561          | 30999         | 2.31%           | 0.386%        |
| 24        | 13.537      | 1026          | 1028        | 1030         | rBV      | 20048          | 22651         | 1.68%           | 0.282%        |
| 25        | 13.662      | 1037          | 1039        | 1042         | rBV      | 995150         | 968686        | 72.05%          | 12.065%       |
| 26        | 13.857      | 1054          | 1056        | 1057         | rBV      | 24487          | 31116         | 2.31%           | 0.388%        |
| 27        | 14.451      | 1106          | 1108        | 1110         | rBV      | 39875          | 46284         | 3.44%           | 0.576%        |
| 28        | 15.011      | 1155          | 1157        | 1160         | rBV      | 500622         | 689446        | 51.28%          | 8.587%        |

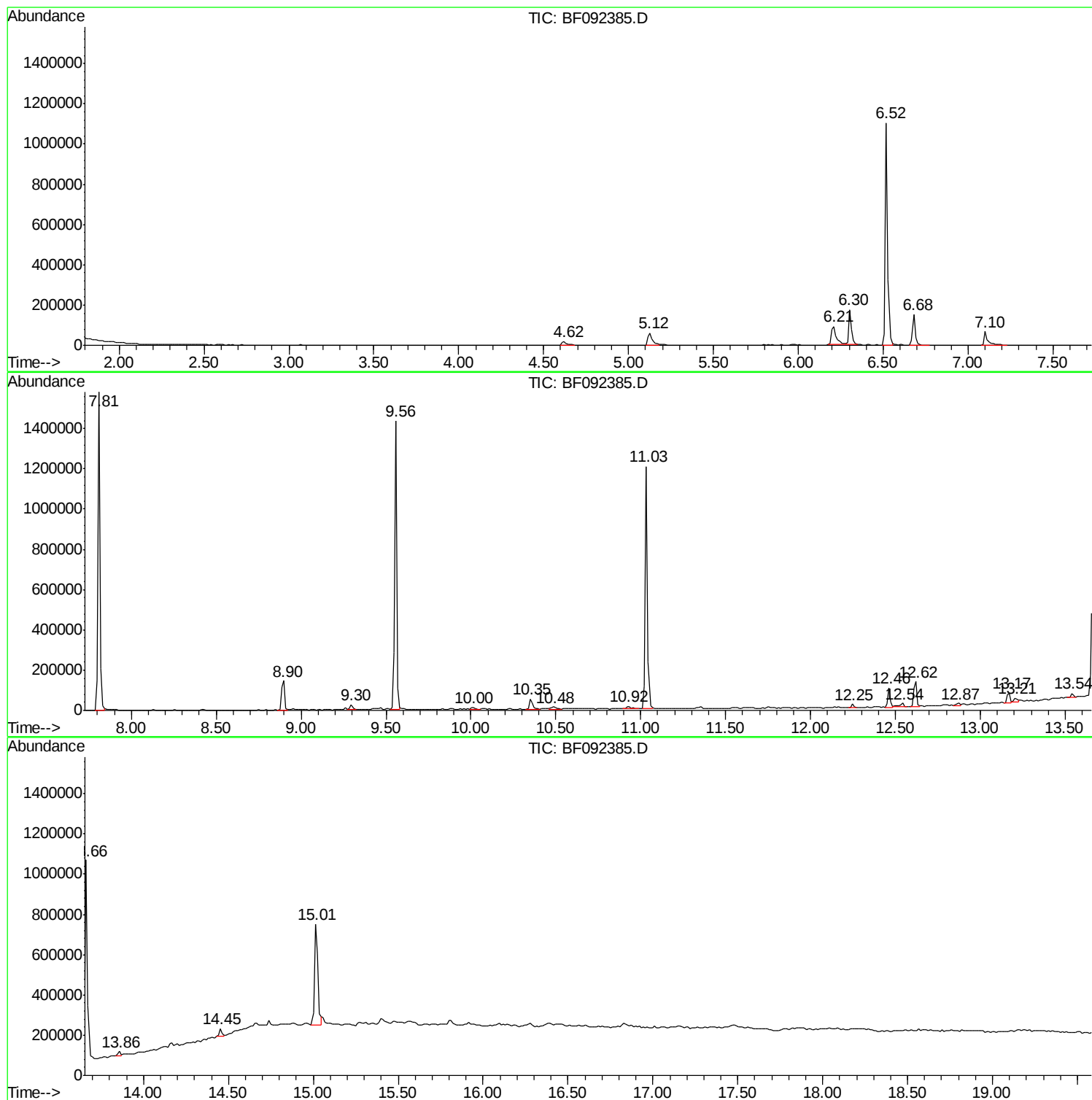
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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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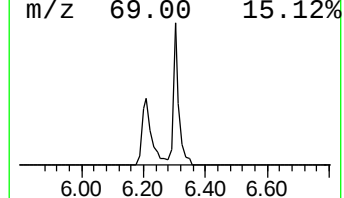
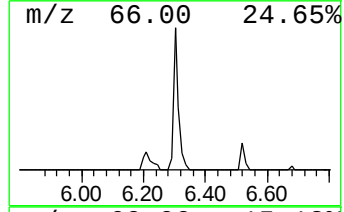
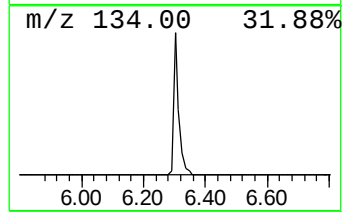
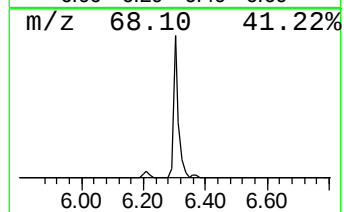
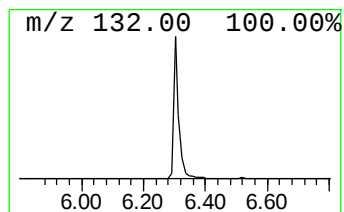
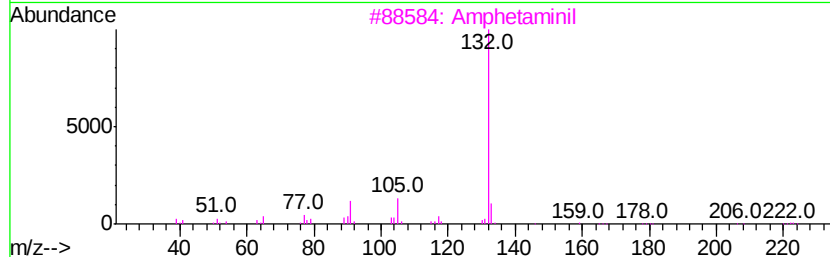
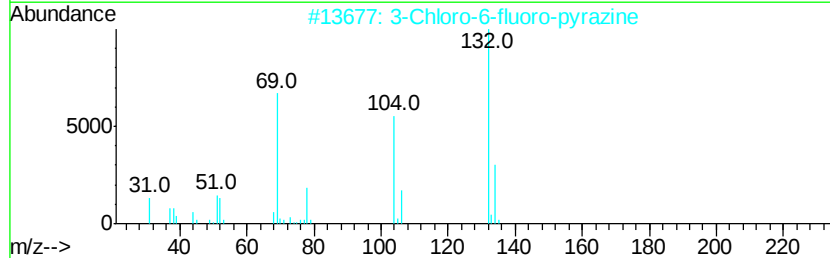
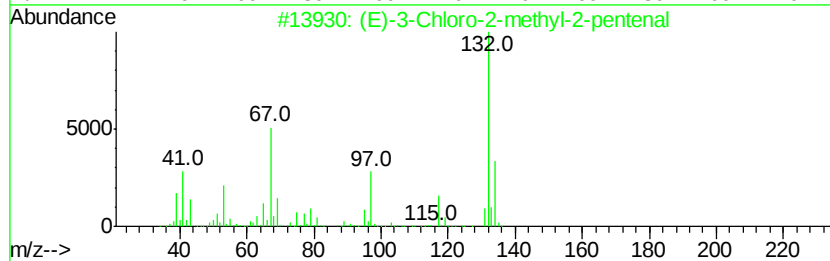
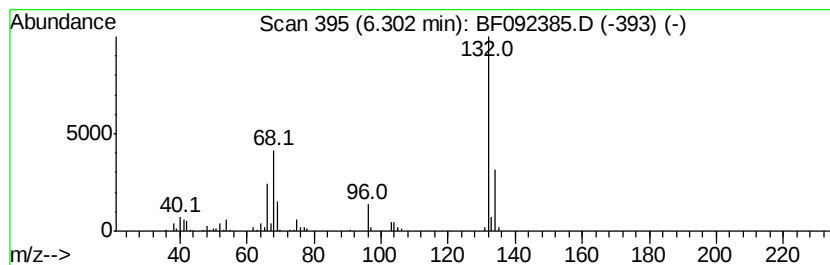
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown6.30 Concentration Rank 1

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.30 | 3.75 ng | 196032 | 1,4-Dichlorobenzene-d4 | 6.52 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 10   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 10   |
| 5    |    | 1-Aminoindan                     | 133 | C9H11N    | 034698-41-4  | 9    |



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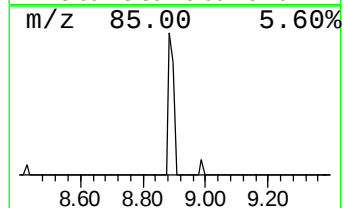
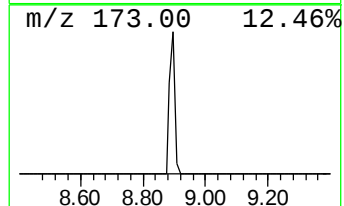
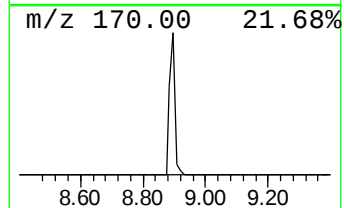
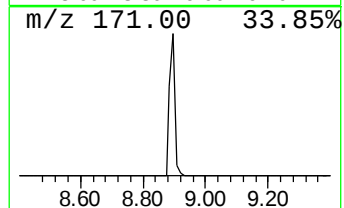
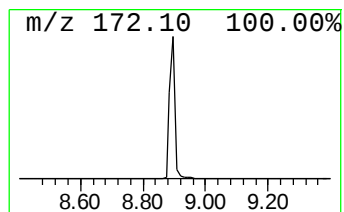
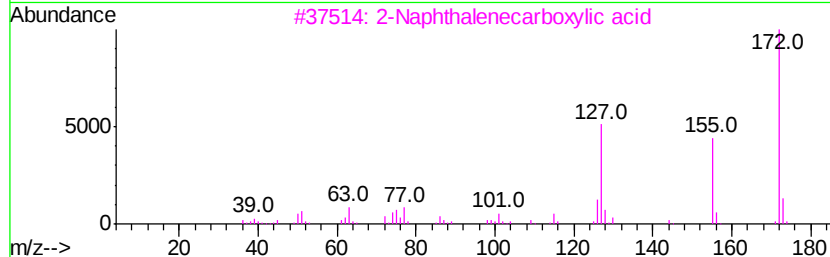
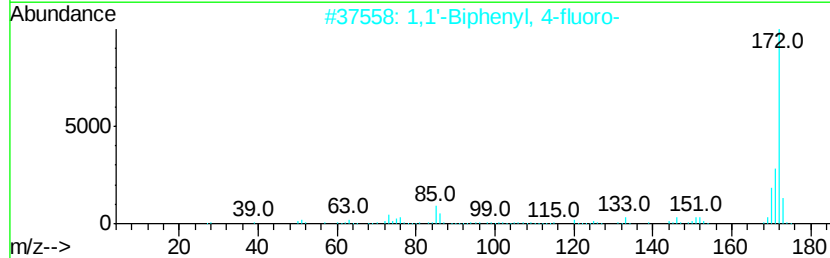
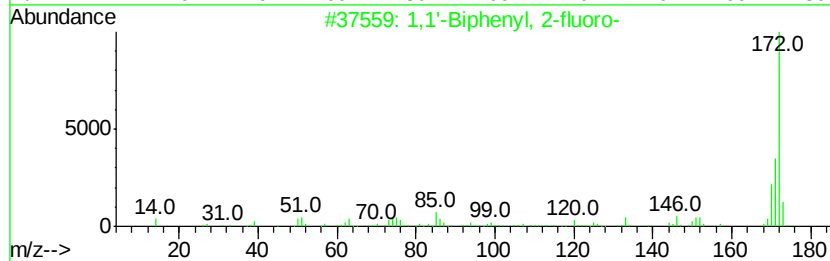
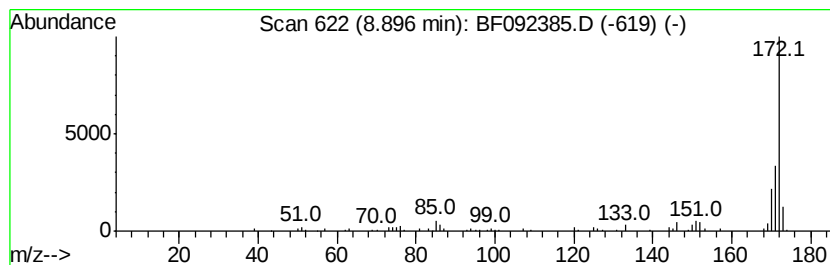
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Peak Number 3 1,1'-Biphenyl, 2-fluoro- Concentration Rank 2

| R.T.      | EstConc                       | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|--------|------------------|-------------|------|
| 8.90      | 2.97 ng                       | 187597 | Acenaphthene-d10 | 9.56        |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 2-fluoro-      | 172    | C12H9F           | 000321-60-8 | 96   |
| 2         | 1,1'-Biphenyl, 4-fluoro-      | 172    | C12H9F           | 000324-74-3 | 87   |
| 3         | 2-Naphthalenecarboxylic acid  | 172    | C11H8O2          | 000093-09-4 | 43   |
| 4         | 4-(2-Hydroxyphenyl)pyrimidine | 172    | C10H8N2O         | 068535-55-7 | 42   |
| 5         | 4-Pyrimidinol, 5-phenyl-      | 172    | C10H8N2O         | 022433-69-8 | 42   |



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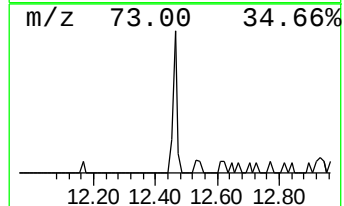
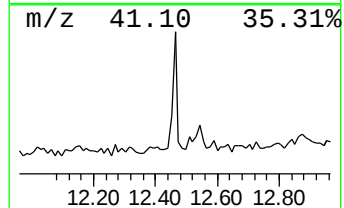
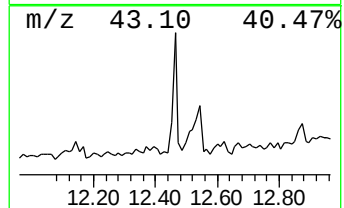
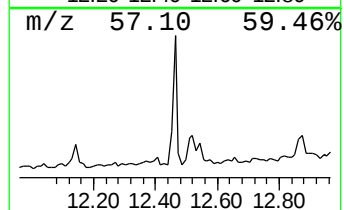
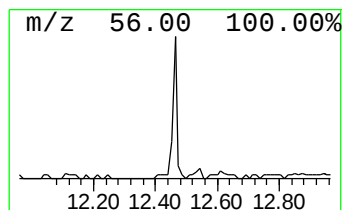
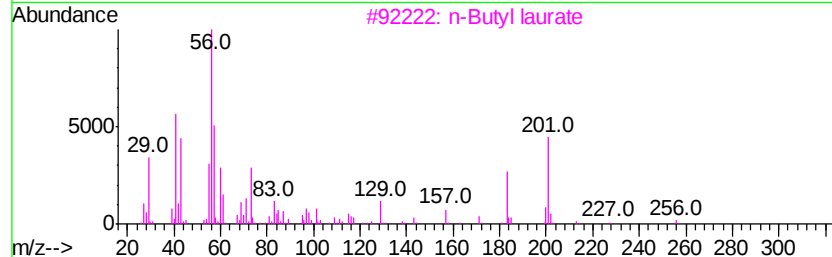
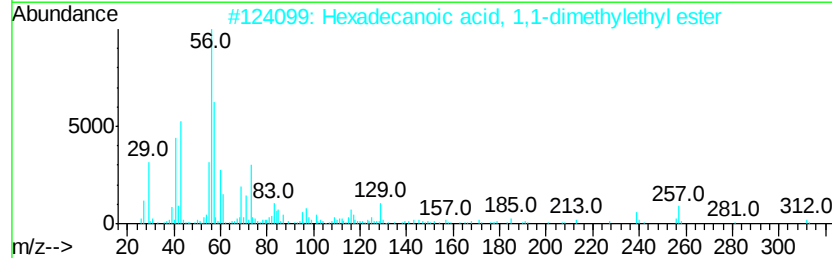
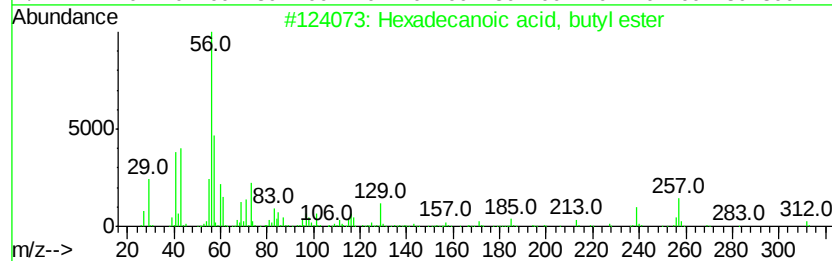
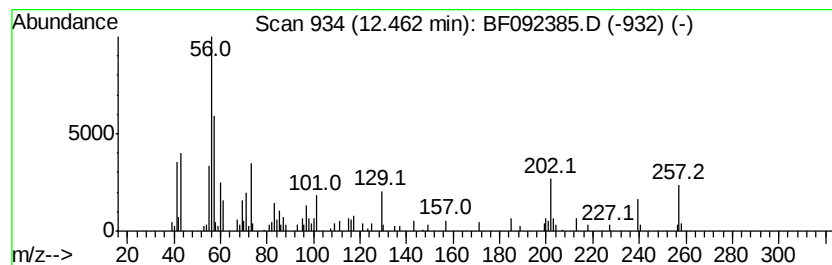
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.46 | 2.09 ng | 101258 | Chrysene-d12     | 13.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, butyl ester      | 312 | C20H40O2 | 000111-06-8 | 87   |
| 2    |    | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 62   |
| 3    |    | n-Butyl laurate                     | 256 | C16H32O2 | 000106-18-3 | 53   |
| 4    |    | Dodecanoic acid tert-butyl ester    | 256 | C16H32O2 | 007143-18-2 | 37   |
| 5    |    | Cyclopropane, 1-(1-methylethyl)-... | 210 | C15H30   | 041977-39-3 | 27   |



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TIC Library : C:\DATABASE\NIST02.L  
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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.30          | 6.30  | 3.8     | ng    | 196032   | 1                     | 6.52  | 1045170 | 20.0 |
| 1,1'-Biphenyl, 2-... | 8.90  | 3.0     | ng    | 187597   | 3                     | 9.56  | 1261600 | 20.0 |
| Hexadecanoic acid... | 12.46 | 2.1     | ng    | 101258   | 5                     | 13.66 | 968686  | 20.0 |