

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041515\  
 Data File : BF078555.D  
 Acq On : 16 Apr 2015 00:43  
 Operator : TP/IZ  
 Sample : G1855-05 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB15A(6-12)

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-BF040115.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         | 1.461       | 21            | 24          | 30           | rVV      | 30863          | 72422         | 3.03%           | 1.258%        |
| 2         | 1.541       | 30            | 31          | 66           | rVB      | 1228305        | 2389098       | 100.00%         | 41.487%       |
| 3         | 4.947       | 326           | 329         | 336          | rBV      | 90636          | 119385        | 5.00%           | 2.073%        |
| 4         | 6.319       | 448           | 449         | 456          | rVB      | 97140          | 129995        | 5.44%           | 2.257%        |
| 5         | 6.422       | 456           | 458         | 461          | rBV      | 120158         | 138636        | 5.80%           | 2.407%        |
| 6         | 6.707       | 481           | 483         | 486          | rVB      | 181481         | 181866        | 7.61%           | 3.158%        |
| 7         | 6.890       | 497           | 499         | 502          | rBV      | 82294          | 100790        | 4.22%           | 1.750%        |
| 8         | 7.416       | 543           | 545         | 549          | rBV      | 74403          | 68676         | 2.87%           | 1.193%        |
| 9         | 8.296       | 619           | 622         | 624          | rBV      | 228206         | 257056        | 10.76%          | 4.464%        |
| 10        | 9.279       | 706           | 708         | 712          | rBV2     | 14073          | 30410         | 1.27%           | 0.528%        |
| 11        | 9.645       | 737           | 740         | 742          | rVB      | 173634         | 149589        | 6.26%           | 2.598%        |
| 12        | 10.445      | 808           | 810         | 813          | rBV      | 228878         | 303428        | 12.70%          | 5.269%        |
| 13        | 11.428      | 893           | 896         | 898          | rVB      | 75785          | 87565         | 3.67%           | 1.521%        |
| 14        | 12.274      | 967           | 970         | 971          | rBV      | 311208         | 313517        | 13.12%          | 5.444%        |
| 15        | 12.297      | 971           | 972         | 975          | rVB      | 110026         | 98922         | 4.14%           | 1.718%        |
| 16        | 13.028      | 1034          | 1036        | 1038         | rBV      | 18639          | 29039         | 1.22%           | 0.504%        |
| 17        | 13.760      | 1098          | 1100        | 1102         | rVB      | 115055         | 109682        | 4.59%           | 1.905%        |
| 18        | 14.034      | 1121          | 1124        | 1126         | rBV      | 111584         | 117776        | 4.93%           | 2.045%        |
| 19        | 14.148      | 1132          | 1134        | 1137         | rBV      | 54394          | 64903         | 2.72%           | 1.127%        |
| 20        | 14.262      | 1141          | 1144        | 1146         | rVB      | 176599         | 174634        | 7.31%           | 3.033%        |
| 21        | 14.457      | 1156          | 1161        | 1163         | rBV      | 20285          | 44409         | 1.86%           | 0.771%        |
| 22        | 15.531      | 1252          | 1255        | 1256         | rBV      | 273066         | 421038        | 17.62%          | 7.311%        |
| 23        | 17.223      | 1401          | 1403        | 1406         | rBV      | 219278         | 355777        | 14.89%          | 6.178%        |

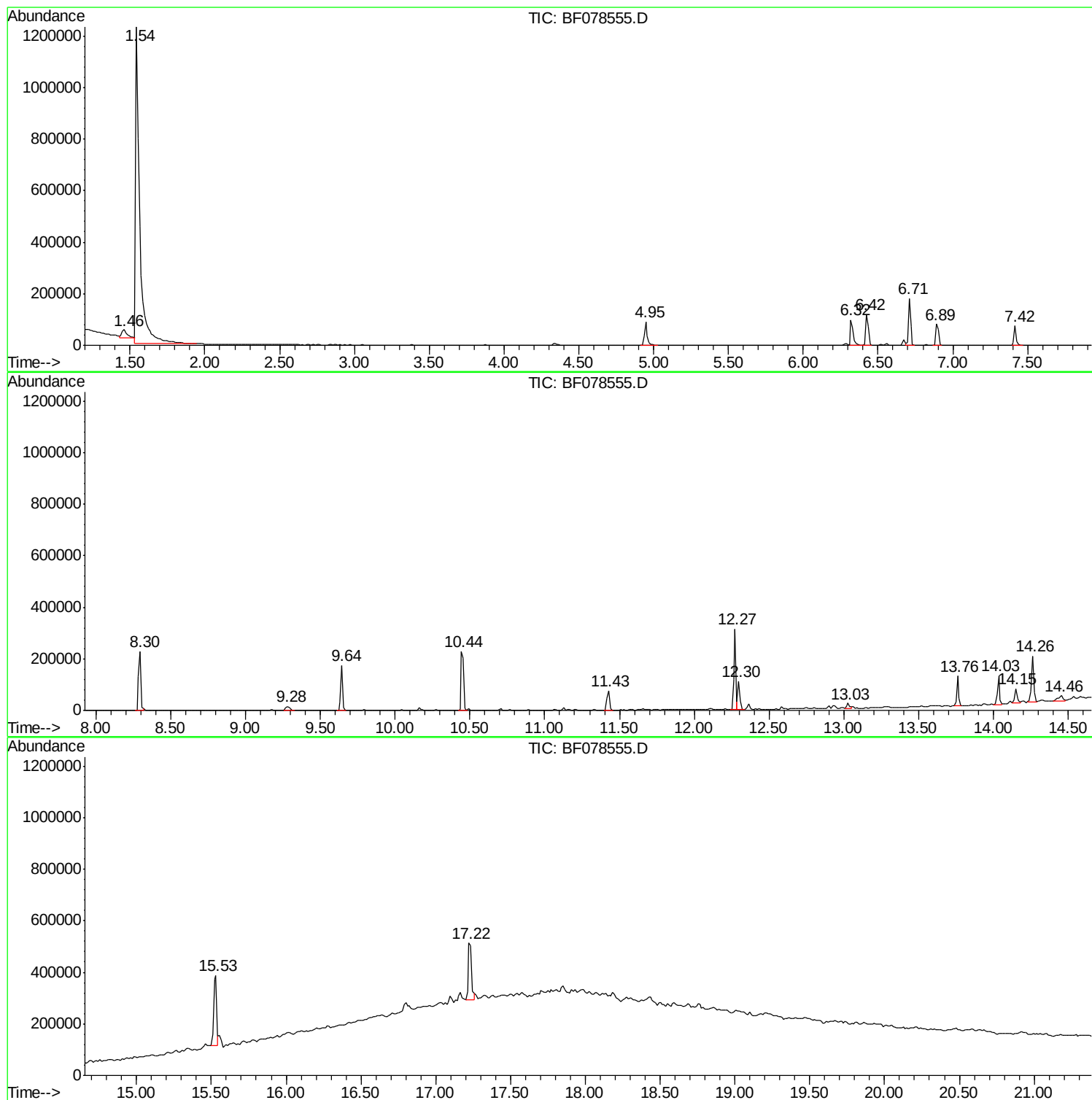
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Misc :  
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Instrument :  
BNA\_F  
ClientSampleId :  
LS-SB15A(6-12)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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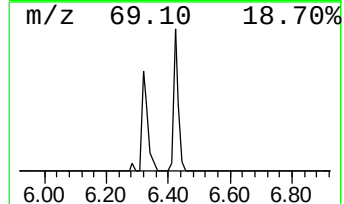
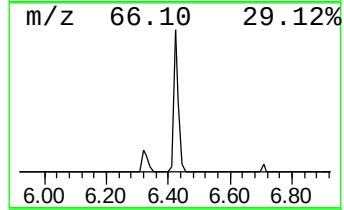
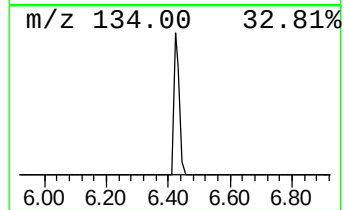
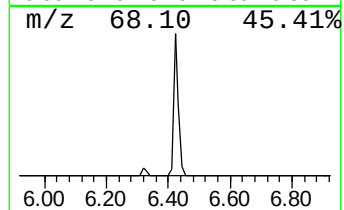
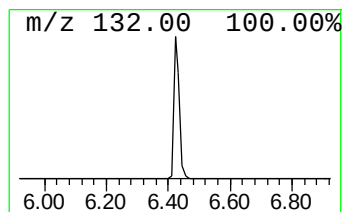
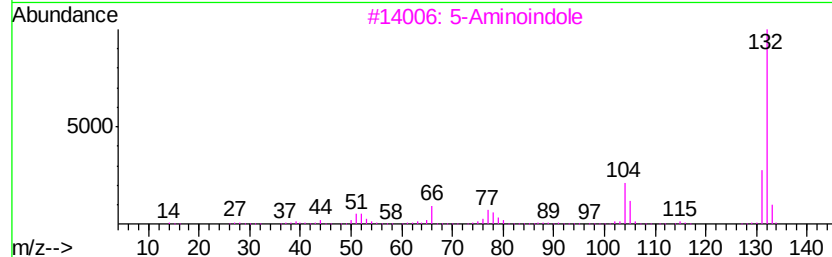
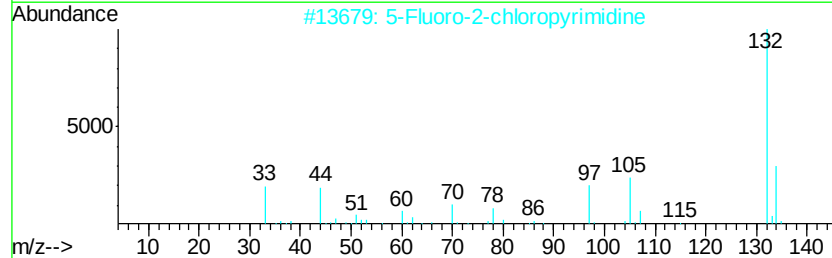
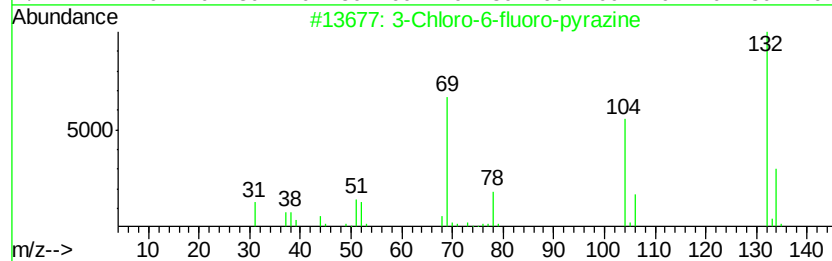
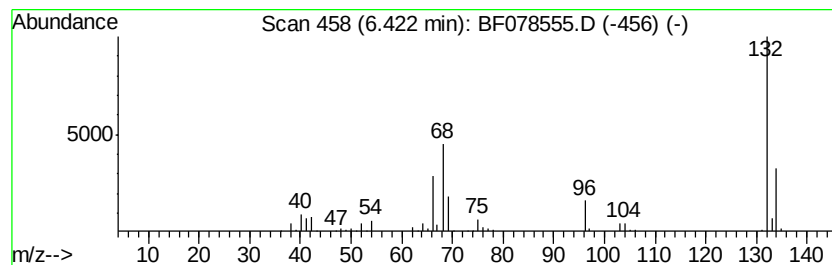
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown6.42 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.42 | 15.25 ng | 138636 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 10   |
| 4    |    | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O     | 000083-33-0  | 9    |
| 5    |    | Benzene, 1,3,5-trifluoro-    | 132 | C6H3F3    | 000372-38-3  | 9    |



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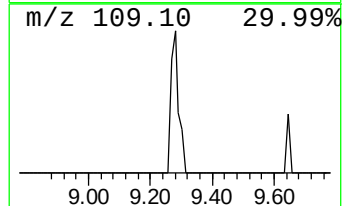
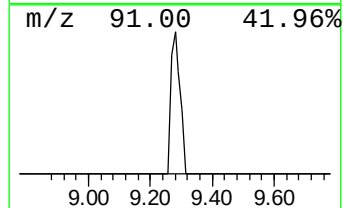
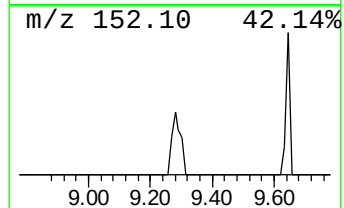
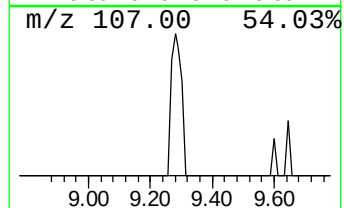
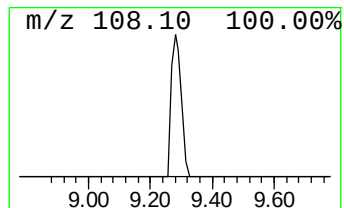
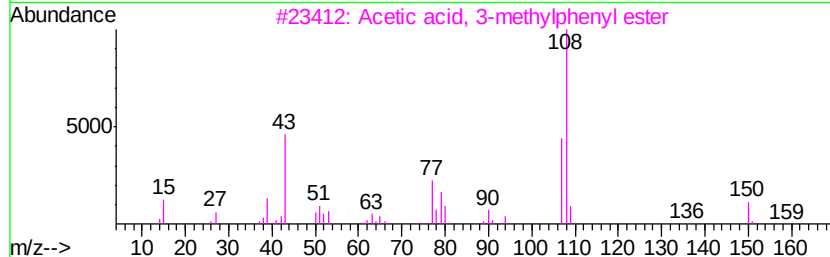
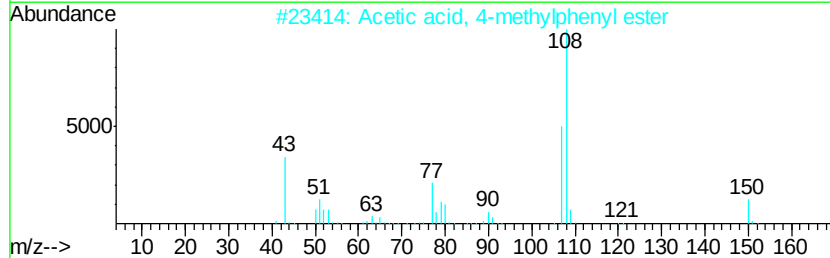
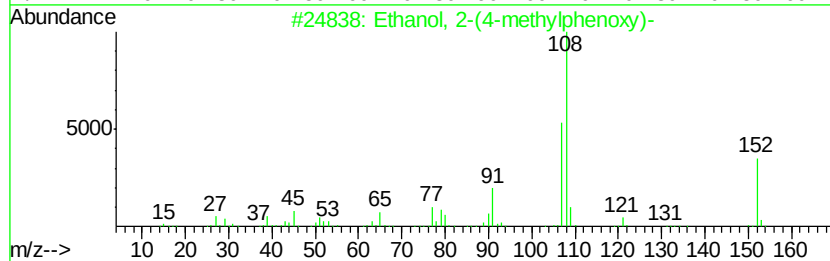
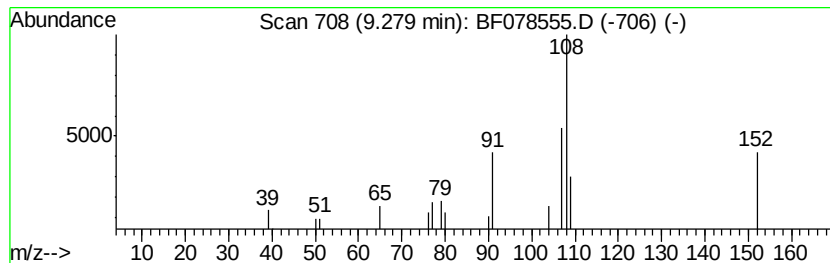
Instrument :  
BNA\_F  
ClientSampleId :  
LS-SB15A(6-12)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Ethanol, 2-(4-methylphenoxy)- Concentration Rank 6

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.           |
|---------|---------|-------------------------------------|------------------|----------------|
| 9.28    | 2.37 ng | 30410                               | Napthalene-d8    | 8.30           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |         | Ethanol, 2-(4-methylphenoxy)-       | 152 C9H12O2      | 015149-10-7 80 |
| 2       |         | Acetic acid, 4-methylphenyl ester   | 150 C9H10O2      | 000140-39-6 50 |
| 3       |         | Acetic acid, 3-methylphenyl ester   | 150 C9H10O2      | 000122-46-3 50 |
| 4       |         | Carbamic acid, methyl-, 3-methyl... | 165 C9H11NO2     | 001129-41-5 50 |
| 5       |         | Phenol, 3-methyl-                   | 108 C7H8O        | 000108-39-4 49 |



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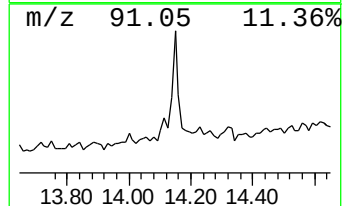
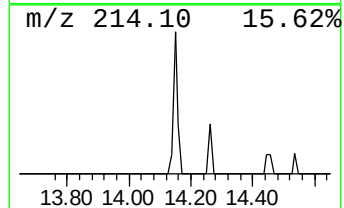
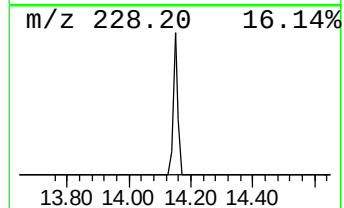
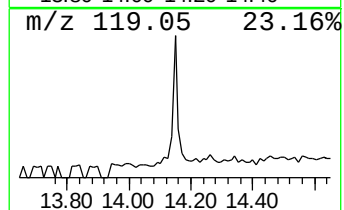
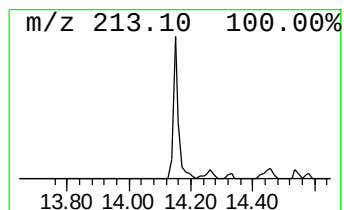
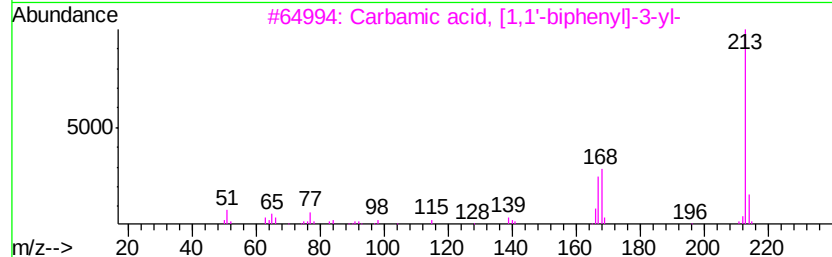
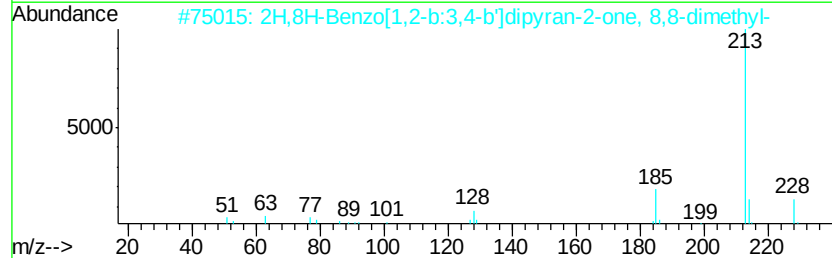
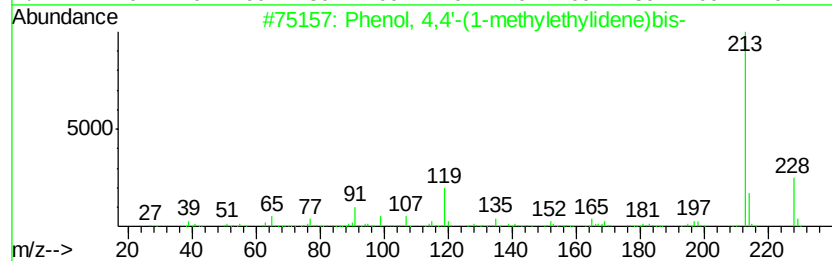
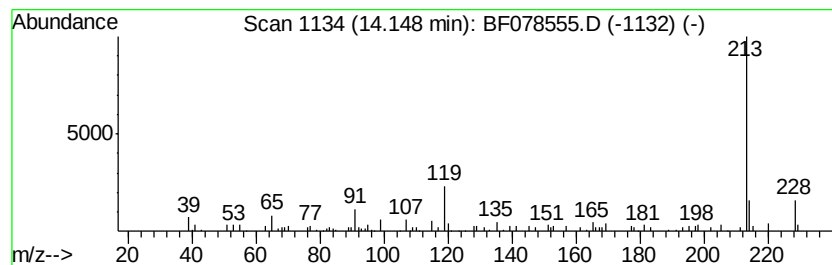
Instrument :  
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ClientSampleId :  
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 14.15     | 3.08 ng                             | 64903 | Chrysene-d12     | 15.53       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | Phenol, 4,4'-(1-methylethylidene... | 228   | C15H16O2         | 000080-05-7 | 95   |
| 2         | 2H,8H-Benzo[1,2-b:3,4-b']dipyran... | 228   | C14H12O3         | 000523-59-1 | 53   |
| 3         | Carbamic acid, [1,1'-biphenyl]-3... | 213   | C13H11NO2        | 055030-29-0 | 52   |
| 4         | Benzene, 1-nitro-3-(phenylmethyl)-  | 213   | C13H11NO2        | 005840-41-5 | 50   |
| 5         | Carbanilic acid, p-phenyl-          | 213   | C13H11NO2        | 004474-53-7 | 50   |



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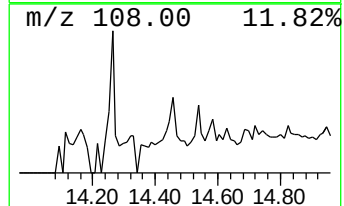
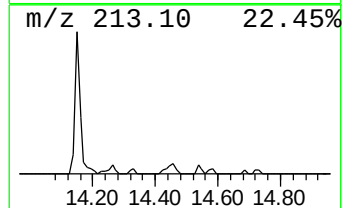
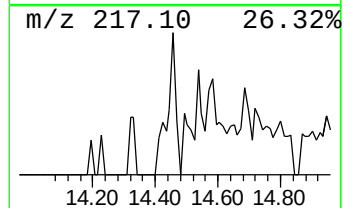
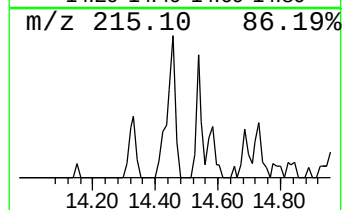
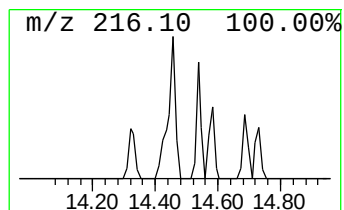
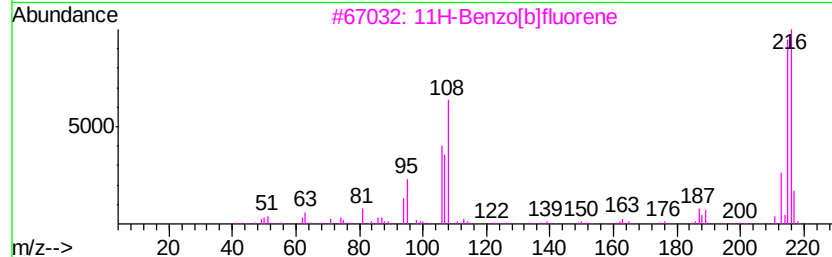
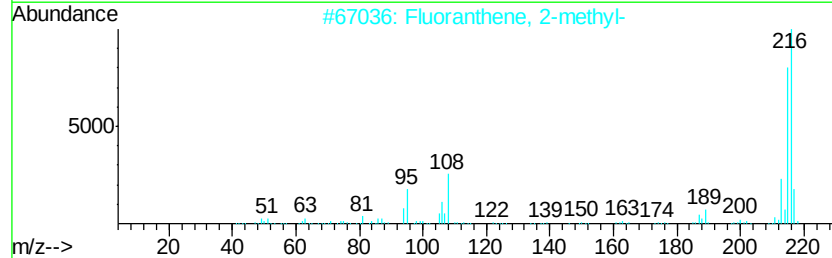
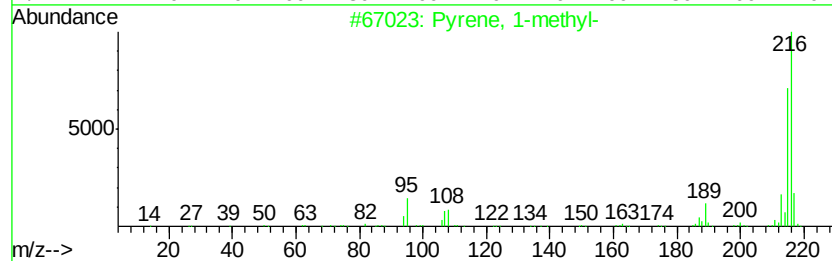
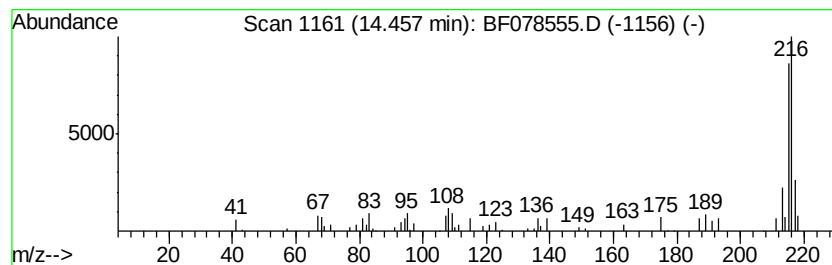
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LS-SB15A(6-12)

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

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Peak Number 7 Pyrene, 1-methyl- Concentration Rank 7

| R.T.      | EstConc                 | Area  | Relative to ISTD |             | R.T.  |
|-----------|-------------------------|-------|------------------|-------------|-------|
| 14.46     | 2.11 ng                 | 44409 | Chrysene-d12     |             | 15.53 |
| Hit# of 5 | Tentative ID            | MW    | MolForm          | CAS#        | Qual  |
| 1         | Pyrene, 1-methyl-       | 216   | C17H12           | 002381-21-7 | 83    |
| 2         | Fluoranthene, 2-methyl- | 216   | C17H12           | 033543-31-6 | 74    |
| 3         | 11H-Benzo[b]fluorene    | 216   | C17H12           | 000243-17-4 | 74    |
| 4         | 11H-Benzo[a]fluorene    | 216   | C17H12           | 000238-84-6 | 74    |
| 5         | 7H-Benzo[c]fluorene     | 216   | C17H12           | 000205-12-9 | 72    |



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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 |
| unknown6.42          | 6.42  | 15.3    | ng    | 138636   | 1                     | 6.71  | 181866 | 20.0 |
| Ethanol, 2-(4-met... | 9.28  | 2.4     | ng    | 30410    | 2                     | 8.30  | 257056 | 20.0 |
| Phenol, 4,4'-(1-m... | 14.15 | 3.1     | ng    | 64903    | 5                     | 15.53 | 421038 | 20.0 |
| Pyrene, 1-methyl-    | 14.46 | 2.1     | ng    | 44409    | 5                     | 15.53 | 421038 | 20.0 |