

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\  
 Data File : BF084417.D  
 Acq On : 12 Jan 2016 18:33  
 Operator : SJ/UM  
 Sample : H1078-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TE-PMW-40

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-BF123115.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.304       | 16            | 19          | 22           | rVB      | 144737         | 221503        | 2.66%           | 0.361%        |
| 2         | 5.013       | 253           | 256         | 267          | rVB      | 1155545        | 1296928       | 15.59%          | 2.116%        |
| 3         | 5.447       | 291           | 294         | 296          | rBV      | 4818723        | 4274288       | 51.39%          | 6.974%        |
| 4         | 5.847       | 327           | 329         | 331          | rBV      | 141988         | 121540        | 1.46%           | 0.198%        |
| 5         | 6.476       | 382           | 384         | 387          | rBV      | 2621406        | 2622406       | 31.53%          | 4.279%        |
| 6         | 6.613       | 393           | 396         | 398          | rBV      | 7208567        | 6672096       | 80.23%          | 10.887%       |
| 7         | 6.841       | 414           | 416         | 418          | rBV      | 2136344        | 1766777       | 21.24%          | 2.883%        |
| 8         | 7.001       | 427           | 430         | 432          | rBV      | 5917411        | 6176312       | 74.26%          | 10.078%       |
| 9         | 7.413       | 462           | 466         | 468          | rBV      | 4195935        | 5631257       | 67.71%          | 9.189%        |
| 10        | 8.121       | 526           | 528         | 531          | rBV      | 1891107        | 2182543       | 26.24%          | 3.561%        |
| 11        | 9.162       | 617           | 619         | 620          | rBV      | 104215         | 117337        | 1.41%           | 0.191%        |
| 12        | 9.207       | 620           | 623         | 625          | rVB      | 8847422        | 8316669       | 100.00%         | 13.570%       |
| 13        | 9.322       | 632           | 633         | 636          | rBV      | 92457          | 105686        | 1.27%           | 0.172%        |
| 14        | 9.516       | 648           | 650         | 652          | rBV      | 140246         | 135494        | 1.63%           | 0.221%        |
| 15        | 9.813       | 669           | 676         | 679          | rBV2     | 70859          | 109229        | 1.31%           | 0.178%        |
| 16        | 9.882       | 679           | 682         | 684          | rVV      | 2900210        | 2514899       | 30.24%          | 4.104%        |
| 17        | 10.316      | 717           | 720         | 722          | rBV2     | 105102         | 117934        | 1.42%           | 0.192%        |
| 18        | 10.670      | 748           | 751         | 754          | rBV      | 5008444        | 5107609       | 61.41%          | 8.334%        |
| 19        | 10.819      | 763           | 764         | 766          | rVB      | 157296         | 147759        | 1.78%           | 0.241%        |
| 20        | 11.368      | 809           | 812         | 814          | rBV      | 2493571        | 2394217       | 28.79%          | 3.907%        |
| 21        | 11.950      | 860           | 863         | 865          | rBV2     | 204236         | 274683        | 3.30%           | 0.448%        |
| 22        | 12.956      | 948           | 951         | 953          | rBV      | 7492274        | 7359122       | 88.49%          | 12.008%       |
| 23        | 13.791      | 1022          | 1024        | 1025         | rBV      | 114098         | 103443        | 1.24%           | 0.169%        |
| 24        | 13.825      | 1025          | 1027        | 1028         | rVV      | 269384         | 310506        | 3.73%           | 0.507%        |
| 25        | 13.859      | 1028          | 1030        | 1036         | rVB      | 59200          | 91080         | 1.10%           | 0.149%        |
| 26        | 13.996      | 1040          | 1042        | 1045         | rBV      | 1527842        | 1736892       | 20.88%          | 2.834%        |
| 27        | 15.425      | 1164          | 1167        | 1170         | rBV      | 1148234        | 1377308       | 16.56%          | 2.247%        |

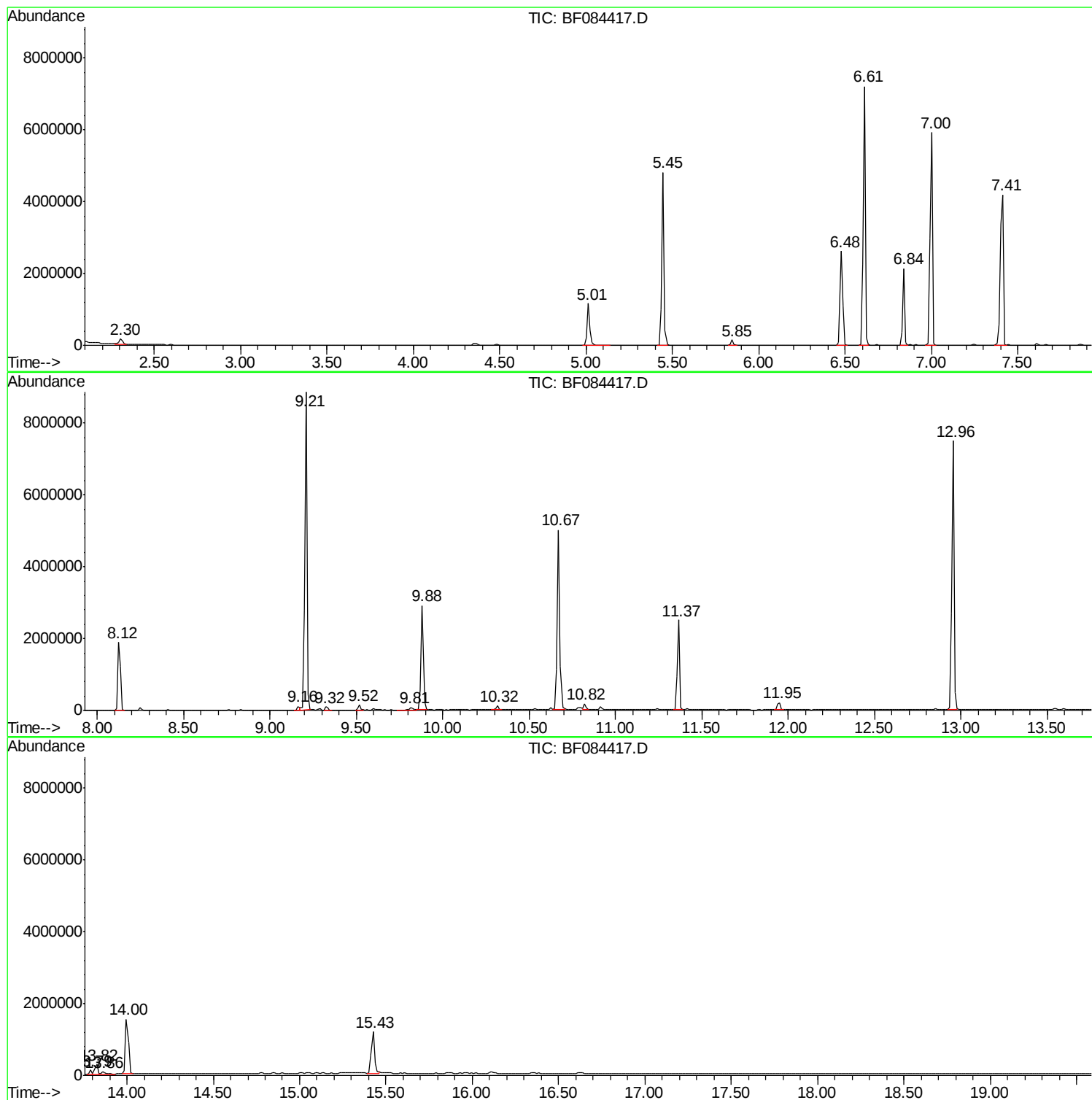
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TE-PMW-40

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.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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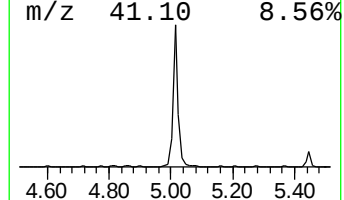
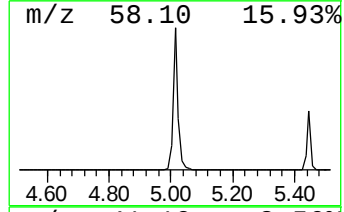
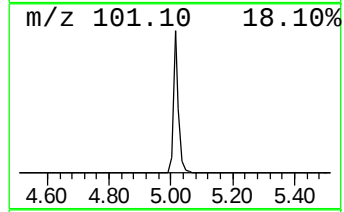
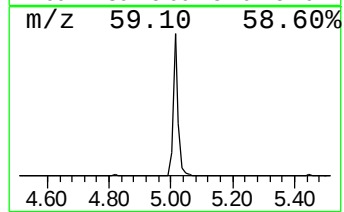
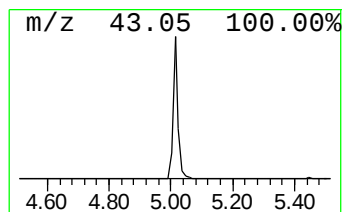
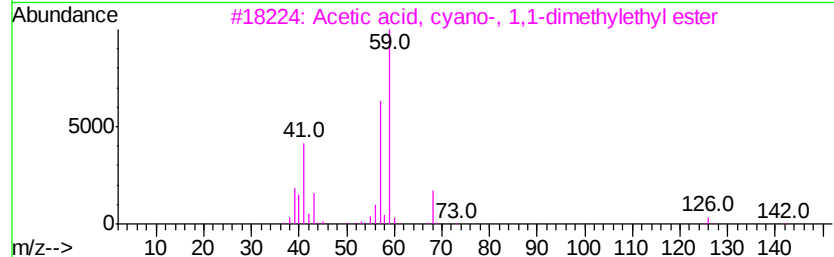
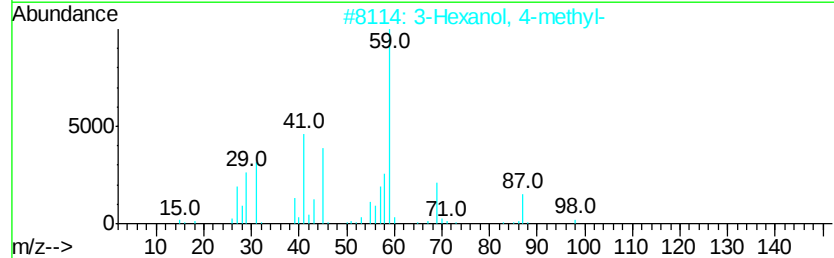
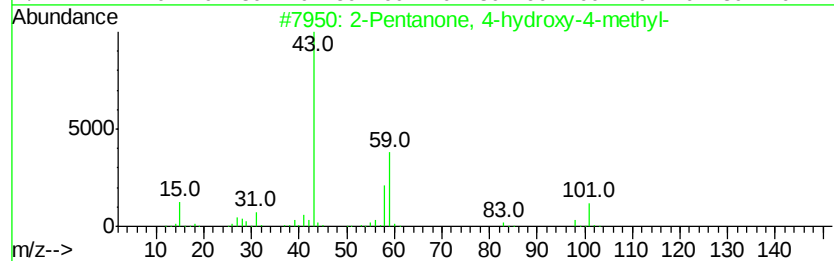
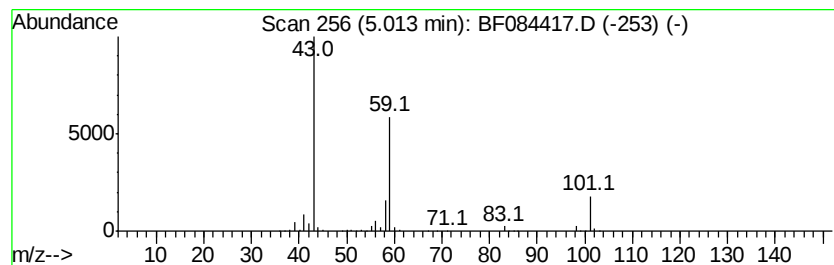
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.01 | 14.68 ng | 1296930 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |



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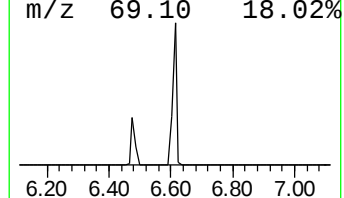
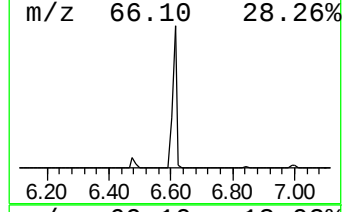
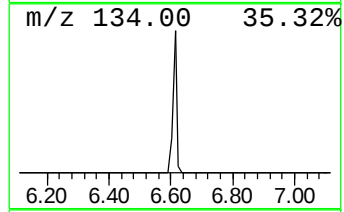
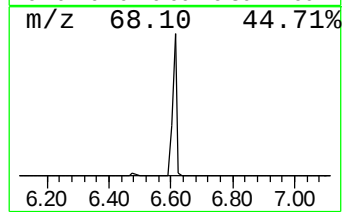
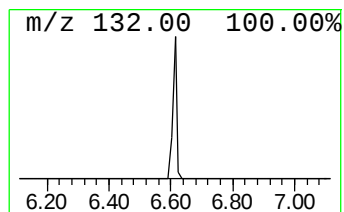
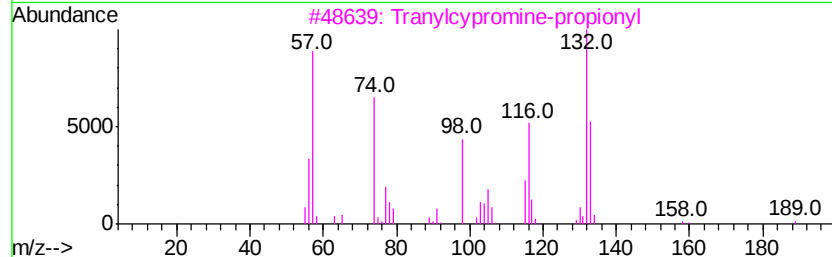
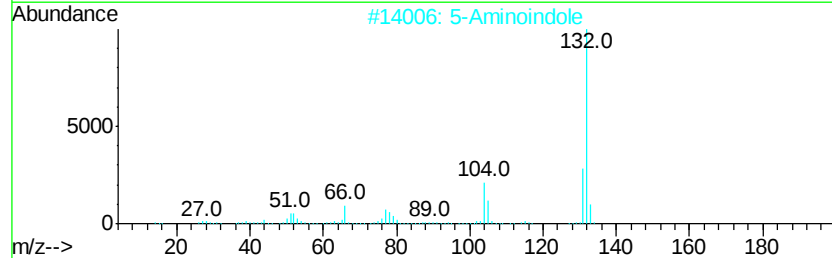
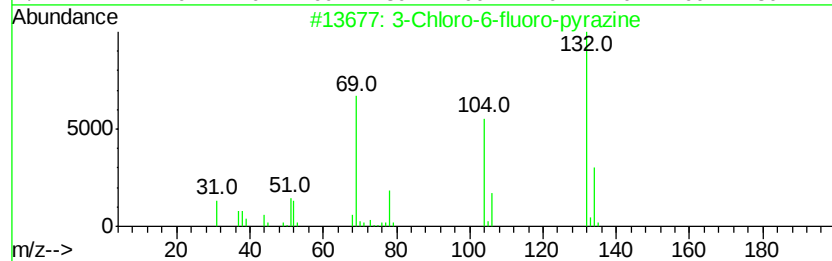
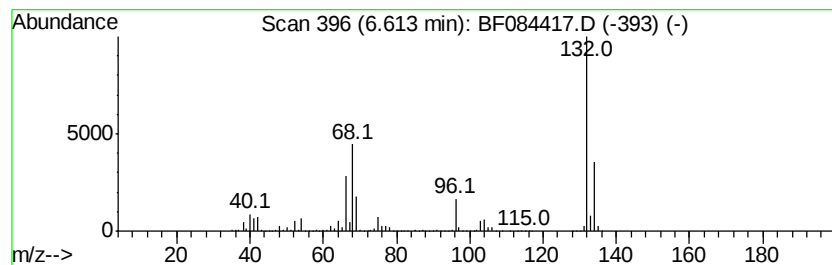
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown6.61 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.61 | 75.53 ng | 6672100 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole              | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranvlcypropine-propionyl  | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | Benzene, 1,2,4-trifluoro-  | 132 | C6H3F3    | 000367-23-7  | 9    |
| 5    |    |   | Benzene, 1,3,5-trifluoro-  | 132 | C6H3F3    | 000372-38-3  | 9    |



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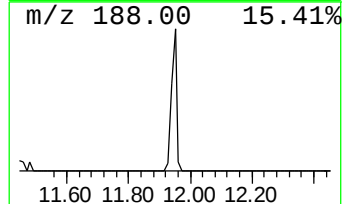
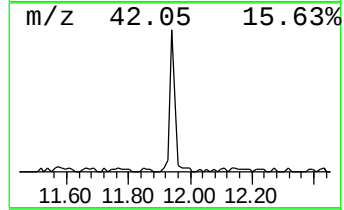
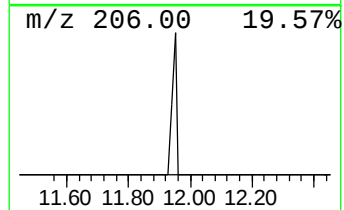
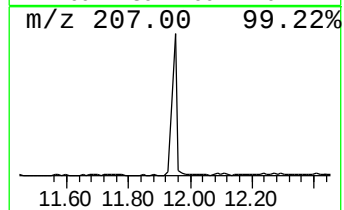
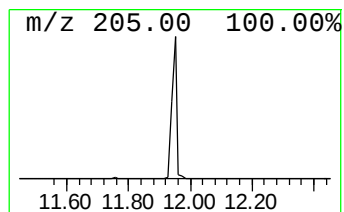
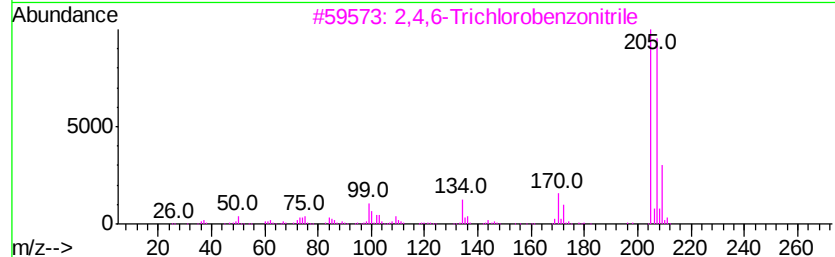
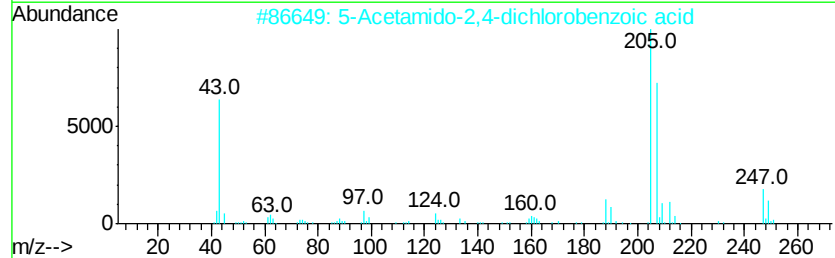
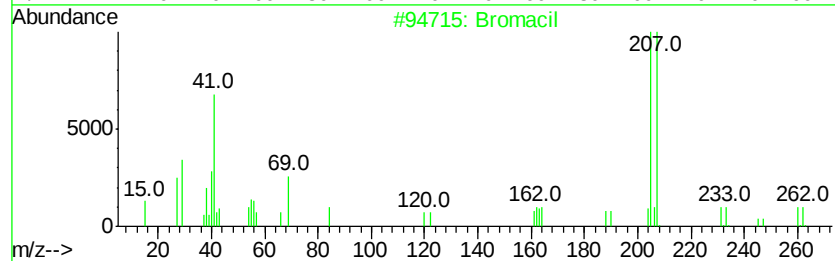
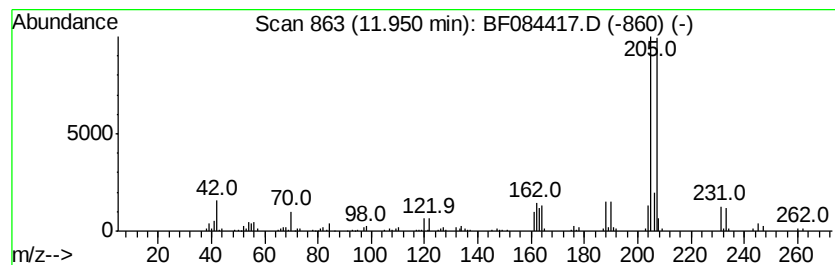
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Bromacil Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.95 | 2.29 ng | 274683 | Phenanthrene-d10 | 11.37 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1       | Bromacil                            |              | 260 | C9H13BrN2O2 | 000314-40-9 | 86   |
| 2       | 5-Acetamido-2,4-dichlorobenzoic ... |              | 247 | C9H7Cl2N O3 | 050602-49-8 | 47   |
| 3       | 2,4,6-Trichlorobenzonitrile         |              | 205 | C7H2Cl3N    | 006575-05-9 | 42   |
| 4       | Chromone, 3-methyl-7-nitro-         |              | 205 | C10H7N O4   | 253668-57-4 | 27   |
| 5       | 4H-Benzo[def]carbazole, 4-methyl-   |              | 205 | C15H11N     | 084819-26-1 | 25   |



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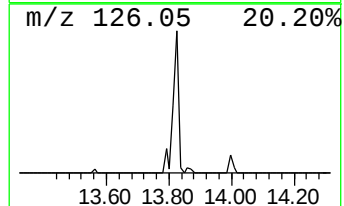
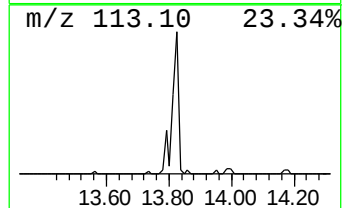
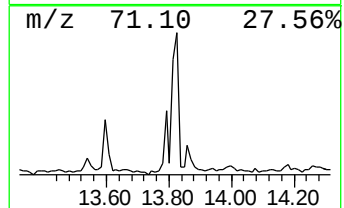
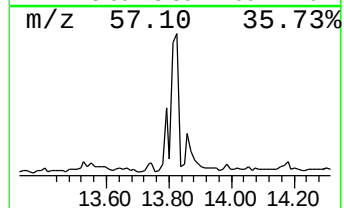
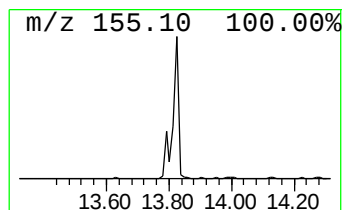
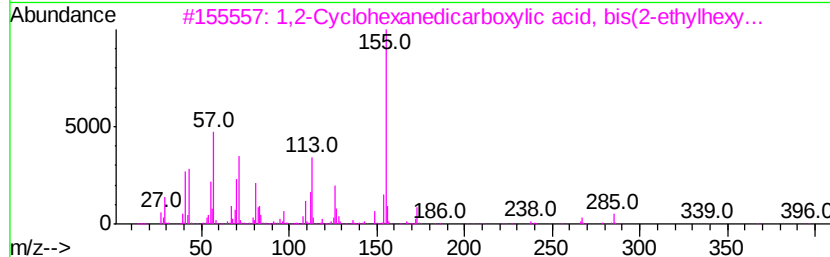
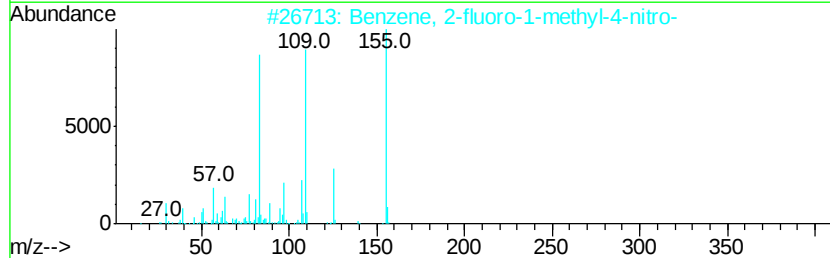
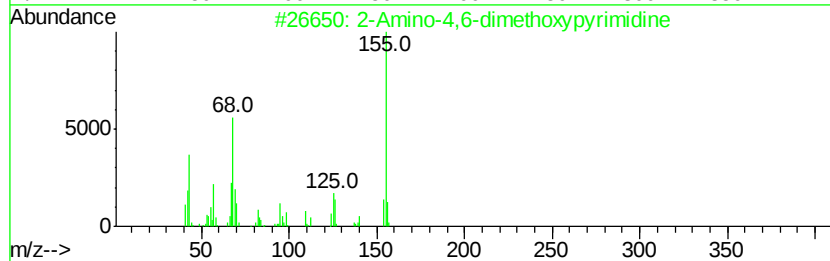
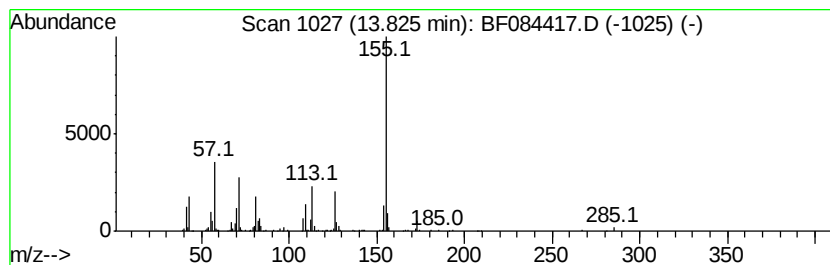
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Peak Number 6 unknown13.82 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.82 | 3.58 ng | 310506 | Chrysene-d12     | 14.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Amino-4,6-dimethoxypvrimidine     | 155 | C6H9N3O2 | 036315-01-2 | 47   |
| 2    |    | Benzene, 2-fluoro-1-methyl-4-nitro- | 155 | C7H6FN02 | 001427-07-2 | 43   |
| 3    |    | 1,2-Cyclohexanedicarboxylic acid... | 396 | C24H44O4 | 000084-71-9 | 40   |
| 4    |    | Butanal, dibutylhydrazone           | 198 | C12H26N2 | 067660-51-9 | 38   |
| 5    |    | Imidazole, 4-amino-5-ethoxycarbo... | 155 | C6H9N3O2 | 021190-16-9 | 38   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.01  | 14.7    | ng    | 1296930  | 1                     | 6.84  | 1766780 | 20.0 |
| unknown6.61          | 6.61  | 75.5    | ng    | 6672100  | 1                     | 6.84  | 1766780 | 20.0 |
| Bromacil             | 11.95 | 2.3     | ng    | 274683   | 4                     | 11.37 | 2394220 | 20.0 |
| unknown13.82         | 13.82 | 3.6     | ng    | 310506   | 5                     | 14.00 | 1736890 | 20.0 |