

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\  
 Data File : BF082644.D  
 Acq On : 2 Nov 2015 21:32  
 Operator : UM/IZ  
 Sample : G4238-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T-18R

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       | 258           | 262         | 268          | rVB      | 1958122        | 2685977       | 42.06%          | 5.654%        |
| 2         | 5.493       | 295           | 298         | 301          | rBV      | 4665372        | 5168007       | 80.93%          | 10.878%       |
| 3         | 6.522       | 384           | 388         | 390          | rBV      | 5483627        | 6385597       | 100.00%         | 13.441%       |
| 4         | 6.659       | 397           | 400         | 402          | rBV      | 5755941        | 6062530       | 94.94%          | 12.761%       |
| 5         | 6.887       | 418           | 420         | 422          | rBV      | 1517051        | 1231678       | 19.29%          | 2.593%        |
| 6         | 7.047       | 431           | 434         | 436          | rVB      | 4521936        | 4023196       | 63.00%          | 8.468%        |
| 7         | 7.447       | 466           | 469         | 471          | rBV      | 3316145        | 3258555       | 51.03%          | 6.859%        |
| 8         | 8.179       | 530           | 533         | 535          | rBV      | 1248320        | 1479847       | 23.17%          | 3.115%        |
| 9         | 9.253       | 624           | 627         | 630          | rBV      | 4735470        | 4216229       | 66.03%          | 8.875%        |
| 10        | 9.642       | 659           | 661         | 663          | rBV      | 674476         | 831229        | 13.02%          | 1.750%        |
| 11        | 9.928       | 684           | 686         | 689          | rVB      | 1326401        | 1519386       | 23.79%          | 3.198%        |
| 12        | 10.716      | 752           | 755         | 758          | rBV      | 3479516        | 3183621       | 49.86%          | 6.701%        |
| 13        | 10.853      | 765           | 767         | 771          | rBV      | 53396          | 90874         | 1.42%           | 0.191%        |
| 14        | 11.299      | 803           | 806         | 807          | rBV      | 84950          | 75500         | 1.18%           | 0.159%        |
| 15        | 11.414      | 814           | 816         | 818          | rBV      | 1694886        | 1416596       | 22.18%          | 2.982%        |
| 16        | 11.951      | 861           | 863         | 865          | rBV      | 114618         | 119364        | 1.87%           | 0.251%        |
| 17        | 12.214      | 883           | 886         | 888          | rVB      | 76976          | 78716         | 1.23%           | 0.166%        |
| 18        | 13.002      | 953           | 955         | 958          | rBV      | 3297725        | 2987423       | 46.78%          | 6.288%        |
| 19        | 13.802      | 1022          | 1025        | 1026         | rBV      | 63939          | 74448         | 1.17%           | 0.157%        |
| 20        | 13.894      | 1031          | 1033        | 1038         | rVV2     | 134521         | 234624        | 3.67%           | 0.494%        |
| 21        | 14.054      | 1044          | 1047        | 1049         | rBV      | 1510491        | 1339976       | 20.98%          | 2.821%        |
| 22        | 15.505      | 1171          | 1174        | 1177         | rBV      | 785083         | 958040        | 15.00%          | 2.017%        |
| 23        | 18.077      | 1395          | 1399        | 1403         | rBV5     | 34670          | 86784         | 1.36%           | 0.183%        |

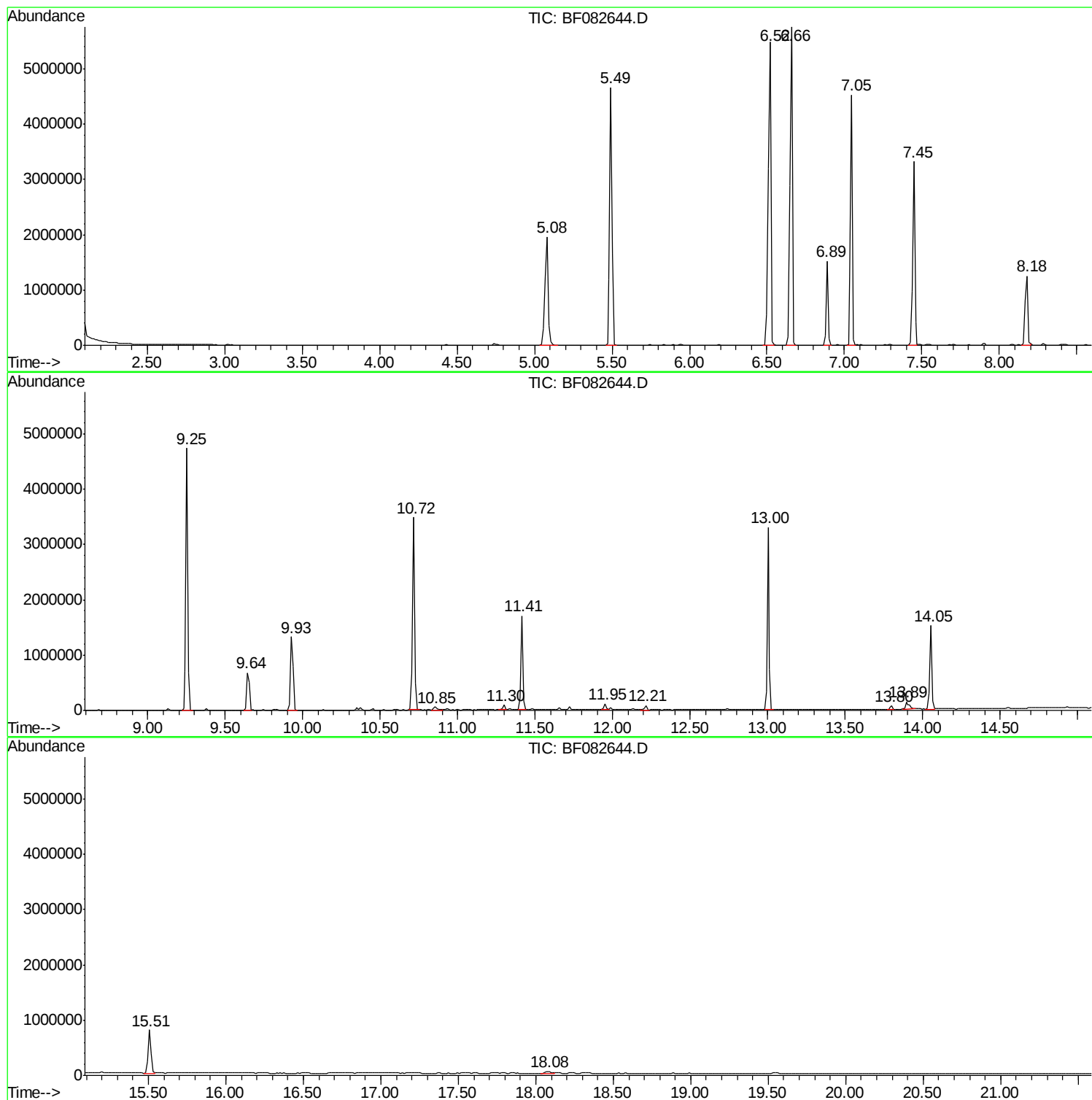
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ALS Vial : 12 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
T-18R

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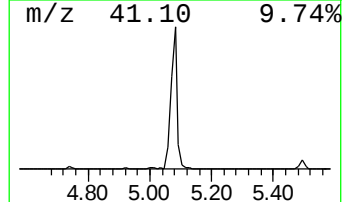
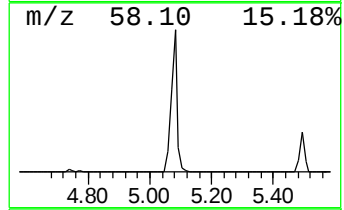
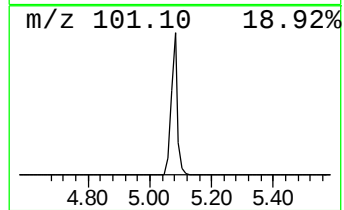
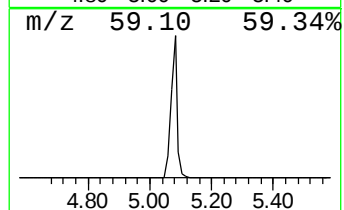
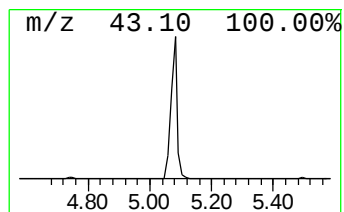
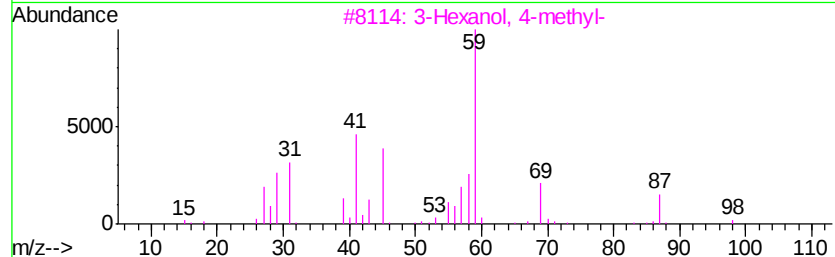
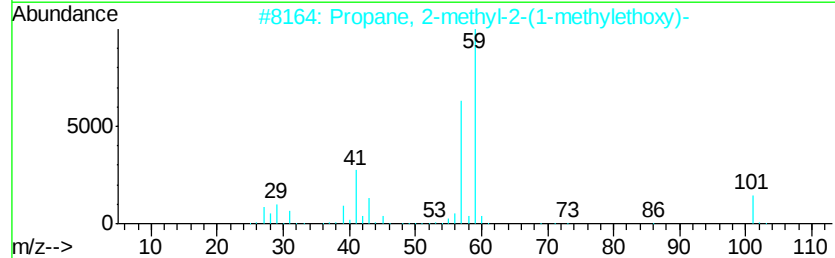
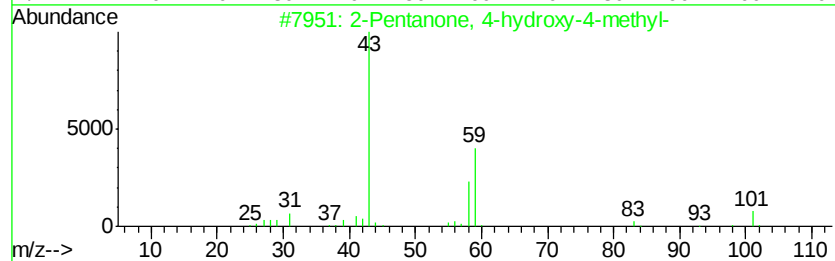
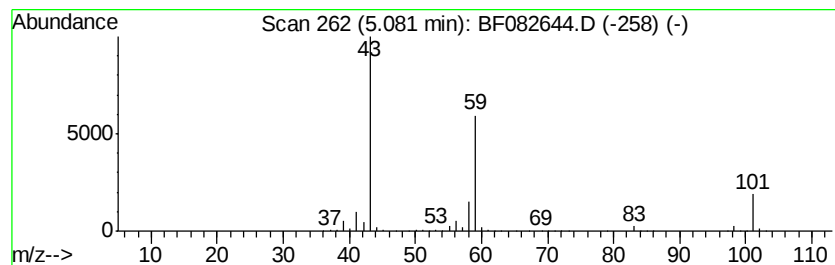
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.08 | 43.61 ng | 2685980 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 45   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth...  | 116 | C7H16O   | 017348-59-3 | 33   |
| 3    |    |   | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 32   |
| 5    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |



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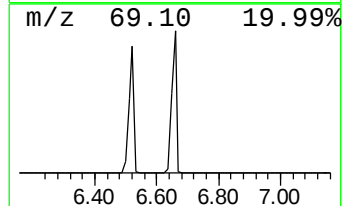
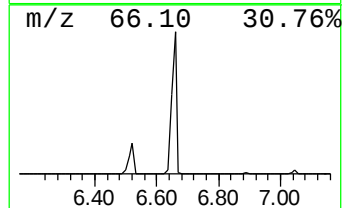
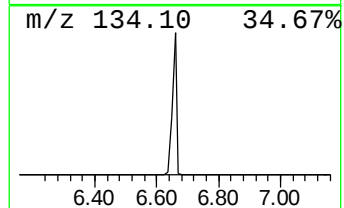
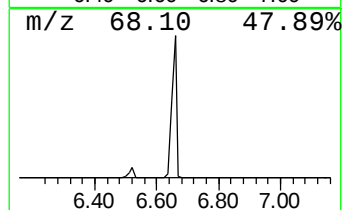
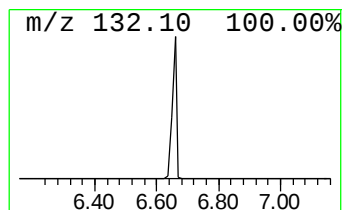
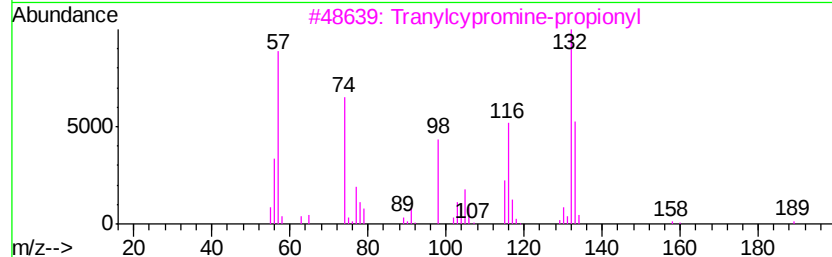
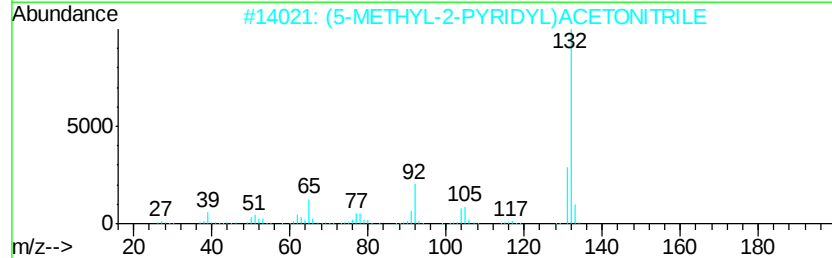
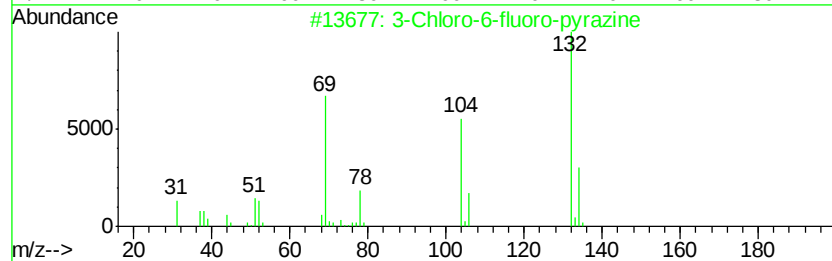
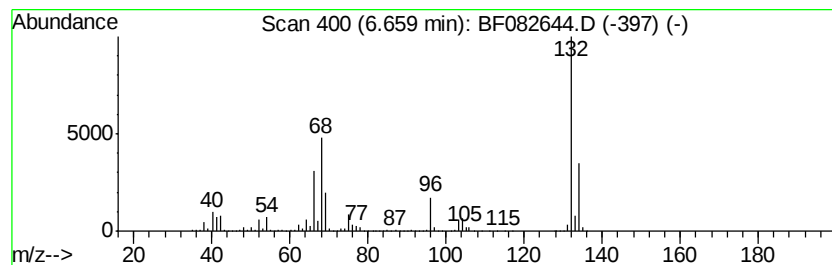
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Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.66 | 98.44 ng | 6062530 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 3    |    | Tranvlcvpromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |



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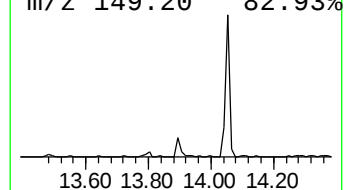
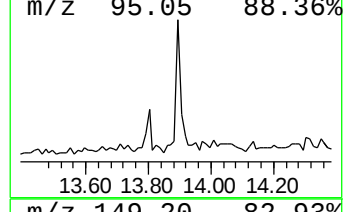
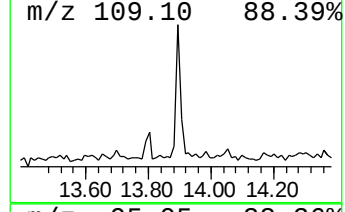
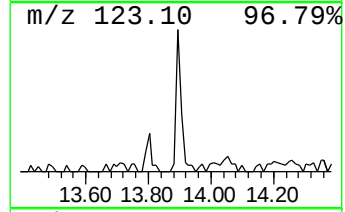
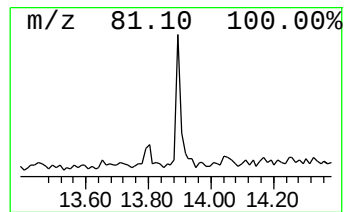
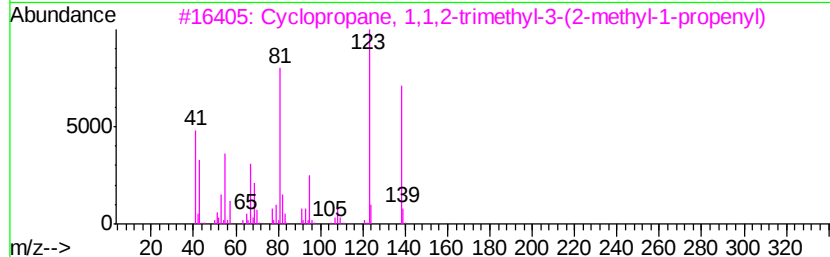
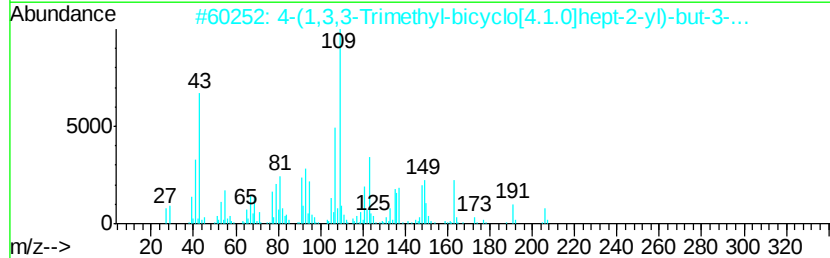
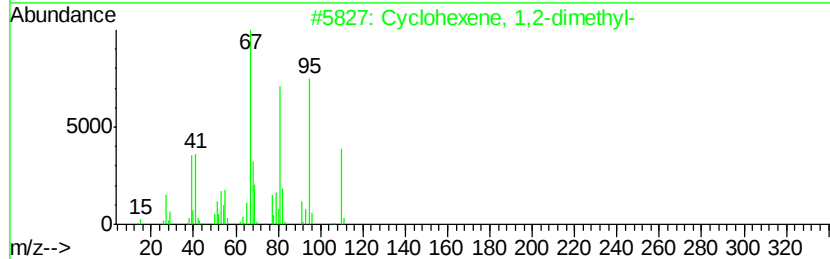
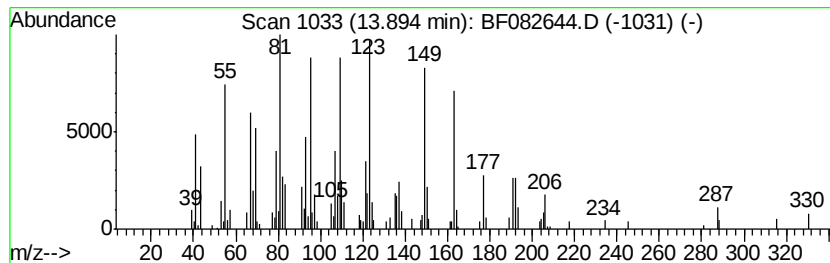
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Peak Number 4 unknown13.89 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.89 | 3.50 ng | 234624 | Chrysene-d12     | 14.05 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexene, 1,2-dimethyl-          | 110 | C8H14   | 001674-10-8  | 35   |
| 2    |    |   | 4-(1,3,3-Trimethyl-bicyclo[4.1.0... | 206 | C14H22O | 077143-31-8  | 30   |
| 3    |    |   | Cyclopropane, 1,1,2-trimethyl-3-... | 138 | C10H18  | 054764-57-7  | 25   |
| 4    |    |   | 1H-Indene, 5-decyl-octahydro-       | 264 | C19H36  | 055044-35-4  | 22   |
| 5    |    |   | Dispiro[2.2.5.0]undecan-4-one, 5... | 220 | C15H24O | 1000152-13-8 | 22   |



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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  | 43.6    | ng    | 2685980  | 1                     | 6.89  | 1231680 | 20.0 |
| unknown6.66          | 6.66  | 98.4    | ng    | 6062530  | 1                     | 6.89  | 1231680 | 20.0 |
| unknown13.89         | 13.89 | 3.5     | ng    | 234624   | 5                     | 14.05 | 1339980 | 20.0 |