

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100115\  
 Data File : BF081953.D  
 Acq On : 1 Oct 2015 22:13  
 Operator : UM/IZ  
 Sample : G3868-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-03(SOUTH)

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-BF092815.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         | 5.086       | 254           | 258         | 269          | rBV      | 844634         | 1147606       | 43.37%          | 4.836%        |
| 2         | 5.497       | 291           | 294         | 296          | rBV      | 1534958        | 2042112       | 77.17%          | 8.606%        |
| 3         | 6.526       | 381           | 384         | 386          | rBV      | 1597937        | 2091717       | 79.05%          | 8.815%        |
| 4         | 6.663       | 393           | 396         | 398          | rBV      | 2207728        | 2250042       | 85.03%          | 9.482%        |
| 5         | 6.891       | 414           | 416         | 428          | rVB      | 415317         | 600842        | 22.71%          | 2.532%        |
| 6         | 7.052       | 428           | 430         | 432          | rBV      | 1909840        | 1731418       | 65.43%          | 7.296%        |
| 7         | 7.463       | 463           | 466         | 468          | rBV      | 1224904        | 1245915       | 47.08%          | 5.250%        |
| 8         | 7.646       | 480           | 482         | 491          | rVB4     | 10717          | 27821         | 1.05%           | 0.117%        |
| 9         | 8.183       | 527           | 529         | 531          | rBV      | 778286         | 750719        | 28.37%          | 3.164%        |
| 10        | 9.257       | 620           | 623         | 625          | rBV      | 2658629        | 2537235       | 95.88%          | 10.692%       |
| 11        | 9.646       | 655           | 657         | 660          | rBV      | 404031         | 412946        | 15.61%          | 1.740%        |
| 12        | 9.932       | 680           | 682         | 685          | rBV      | 1015235        | 945632        | 35.74%          | 3.985%        |
| 13        | 10.355      | 718           | 719         | 721          | rVB      | 25676          | 27624         | 1.04%           | 0.116%        |
| 14        | 10.720      | 748           | 751         | 759          | rBV      | 1581443        | 1690623       | 63.89%          | 7.124%        |
| 15        | 10.835      | 759           | 761         | 766          | rVB      | 56664          | 83141         | 3.14%           | 0.350%        |
| 16        | 11.281      | 798           | 800         | 801          | rBV      | 42415          | 36054         | 1.36%           | 0.152%        |
| 17        | 11.418      | 810           | 812         | 825          | rBV      | 916828         | 1085939       | 41.04%          | 4.576%        |
| 18        | 11.703      | 836           | 837         | 842          | rBV      | 26087          | 29856         | 1.13%           | 0.126%        |
| 19        | 12.629      | 916           | 918         | 926          | rVB      | 64346          | 74818         | 2.83%           | 0.315%        |
| 20        | 12.858      | 934           | 938         | 941          | rBV      | 53278          | 69851         | 2.64%           | 0.294%        |
| 21        | 13.006      | 948           | 951         | 953          | rBV      | 2652552        | 2646160       | 100.00%         | 11.151%       |
| 22        | 13.932      | 1027          | 1032        | 1040         | rBV3     | 53226          | 256011        | 9.67%           | 1.079%        |
| 23        | 14.058      | 1040          | 1043        | 1055         | rVB      | 910370         | 1118012       | 42.25%          | 4.711%        |
| 24        | 14.892      | 1114          | 1116        | 1119         | rVB      | 29523          | 31432         | 1.19%           | 0.132%        |
| 25        | 15.087      | 1131          | 1133        | 1137         | rBV      | 15738          | 41100         | 1.55%           | 0.173%        |
| 26        | 15.498      | 1167          | 1169        | 1184         | rVB      | 437084         | 755512        | 28.55%          | 3.184%        |

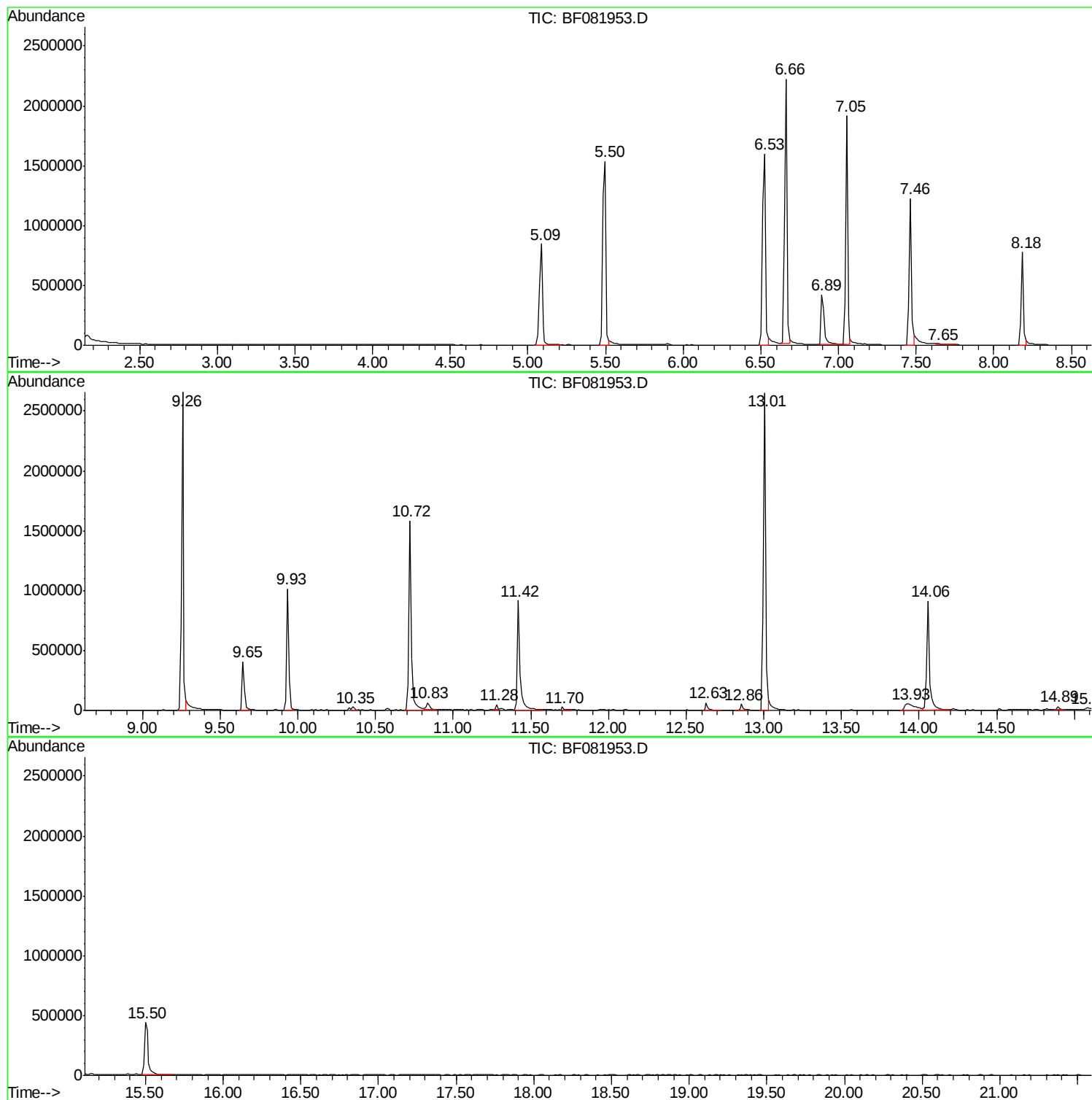
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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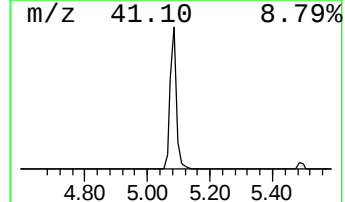
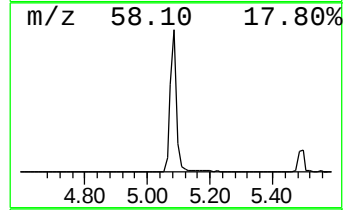
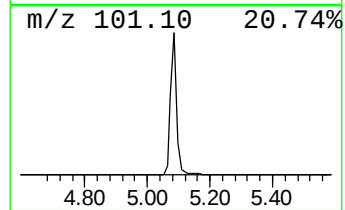
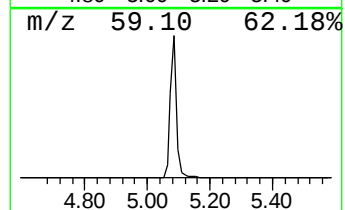
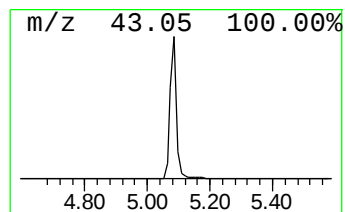
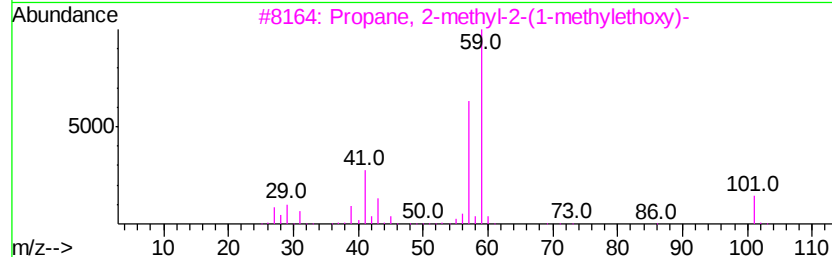
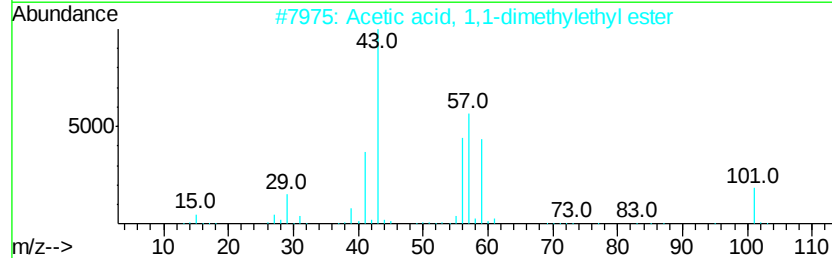
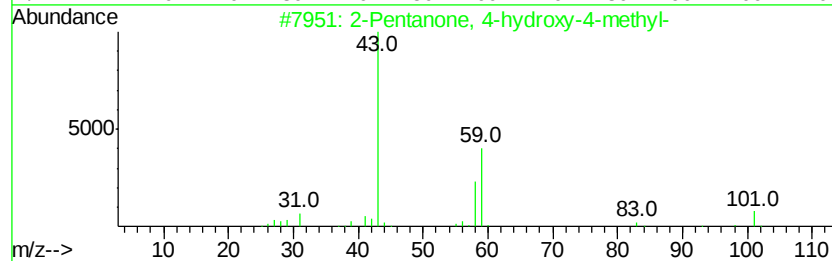
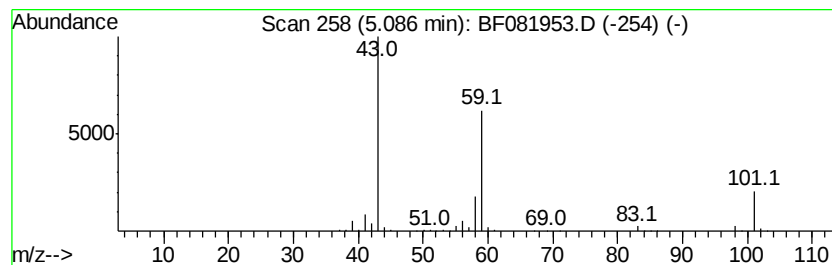
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.09 | 38.20 ng | 1147610 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 28   |
| 4    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |



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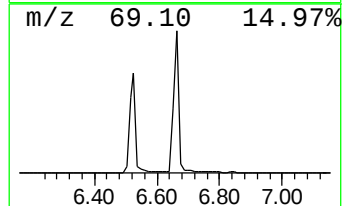
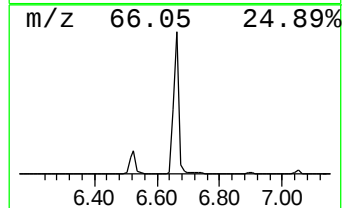
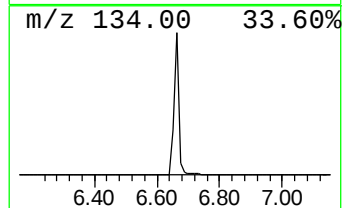
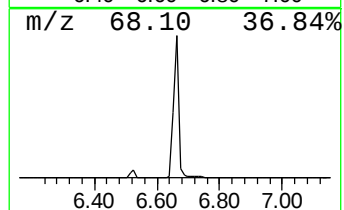
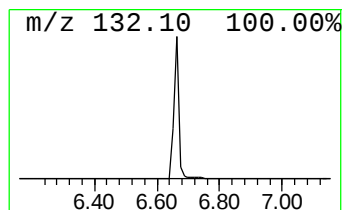
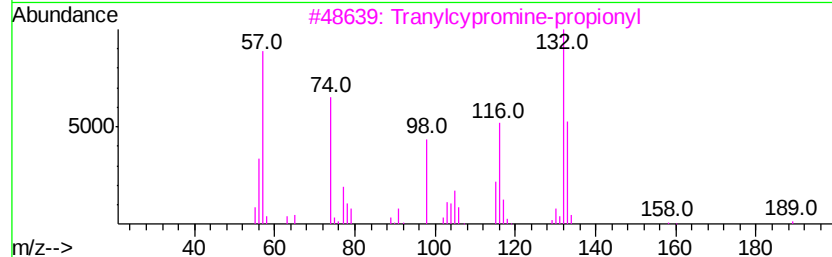
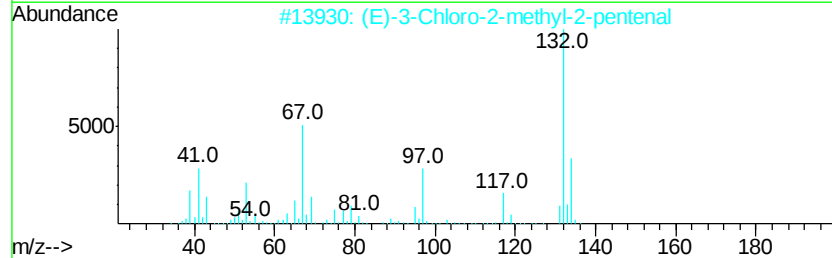
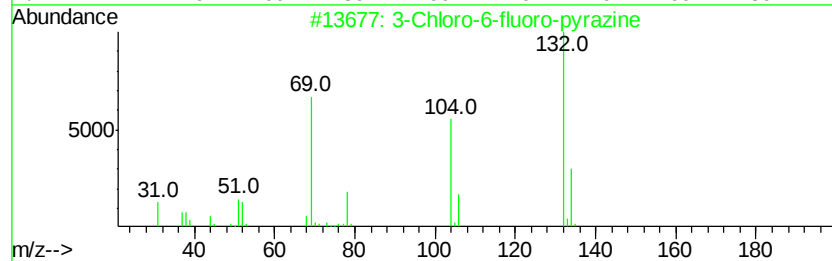
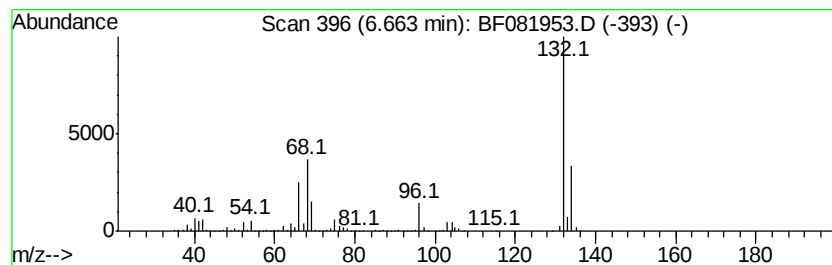
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Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.66 | 74.90 ng | 2250040 | 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 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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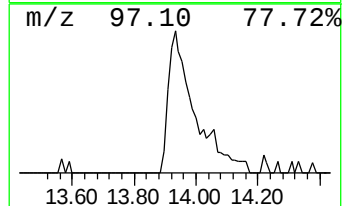
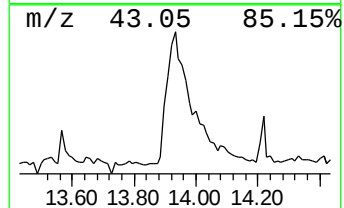
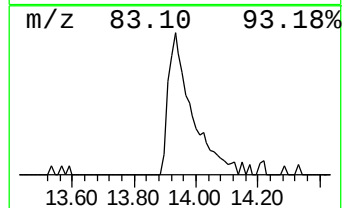
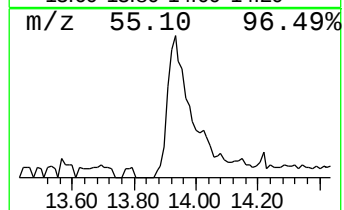
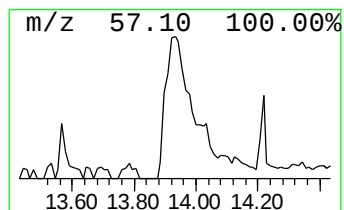
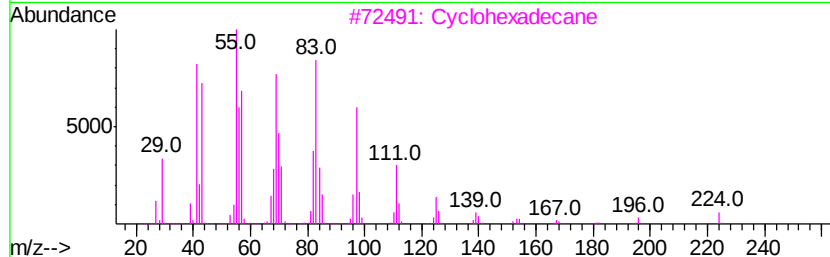
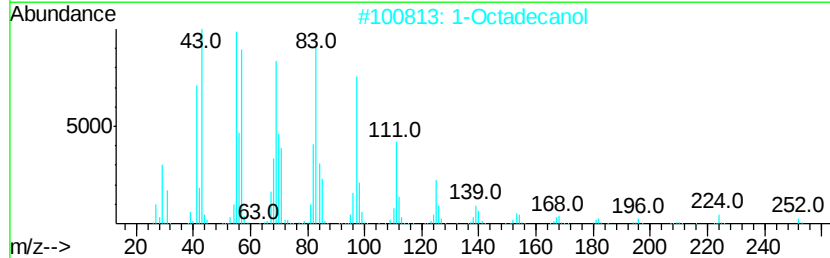
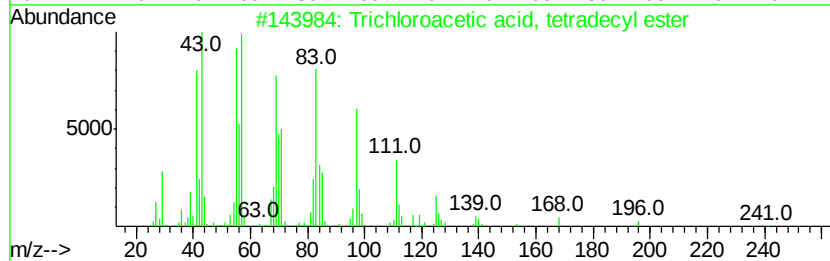
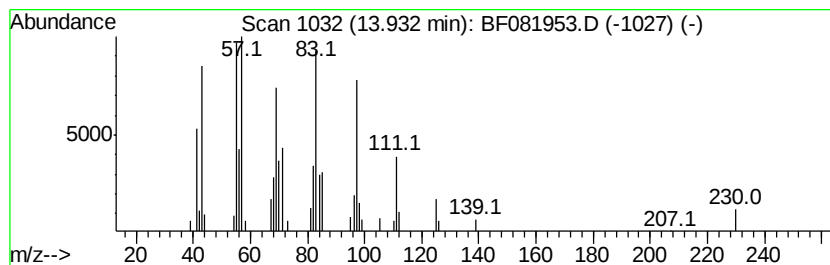
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Peak Number 4 Trichloroacetic acid, tetra... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.93 | 4.58 ng | 256011 | Chrysene-d12     | 14.06 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|---------|---|-------------------------------------|-----|-------------|-------------|------|
| 1       |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 87   |
| 2       |   | 1-Octadecanol                       | 270 | C18H38O     | 000112-92-5 | 87   |
| 3       |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8 | 87   |
| 4       |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 83   |
| 5       |   | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8 | 81   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.09  | 38.2    | ng    | 1147610  | 1                     | 6.89  | 600842  | 20.0 |
| unknown6.66          | 6.66  | 74.9    | ng    | 2250040  | 1                     | 6.89  | 600842  | 20.0 |
| Trichloroacetic a... | 13.93 | 4.6     | ng    | 256011   | 5                     | 14.06 | 1118010 | 20.0 |