

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF010416\  
 Data File : BF084248.D  
 Acq On : 4 Jan 2016 19:30  
 Operator : UM/SJ  
 Sample : G4986-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PJ-SB-10-21.0-21.5

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-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         | 2.167       | 5             | 7           | 14           | rVB2     | 71771          | 135476        | 2.15%           | 0.240%        |
| 2         | 5.081       | 260           | 262         | 270          | rVB      | 1217050        | 1826484       | 29.00%          | 3.241%        |
| 3         | 5.504       | 296           | 299         | 302          | rBV      | 5015813        | 5687200       | 90.29%          | 10.091%       |
| 4         | 6.339       | 369           | 372         | 379          | rBV2     | 53530          | 112532        | 1.79%           | 0.200%        |
| 5         | 6.533       | 386           | 389         | 392          | rBV      | 5144325        | 5640869       | 89.56%          | 10.009%       |
| 6         | 6.659       | 398           | 400         | 403          | rVB      | 5152513        | 5854523       | 92.95%          | 10.388%       |
| 7         | 6.887       | 418           | 420         | 423          | rBV      | 1897748        | 1638342       | 26.01%          | 2.907%        |
| 8         | 7.047       | 431           | 434         | 436          | rBV      | 5508716        | 4766641       | 75.68%          | 8.458%        |
| 9         | 7.459       | 467           | 470         | 472          | rBV      | 4193464        | 4452934       | 70.70%          | 7.901%        |
| 10        | 7.927       | 506           | 511         | 513          | rBV2     | 101756         | 128962        | 2.05%           | 0.229%        |
| 11        | 8.179       | 530           | 533         | 535          | rBV      | 2448071        | 2241452       | 35.59%          | 3.977%        |
| 12        | 9.253       | 624           | 627         | 630          | rBV      | 6414675        | 6298627       | 100.00%         | 11.176%       |
| 13        | 9.653       | 659           | 662         | 664          | rBV      | 1091055        | 948998        | 15.07%          | 1.684%        |
| 14        | 9.928       | 684           | 686         | 689          | rVB      | 1846527        | 2229360       | 35.39%          | 3.956%        |
| 15        | 10.362      | 721           | 724         | 726          | rBV      | 138469         | 157120        | 2.49%           | 0.279%        |
| 16        | 10.579      | 740           | 743         | 747          | rBV      | 47230          | 97268         | 1.54%           | 0.173%        |
| 17        | 10.716      | 753           | 755         | 758          | rBV2     | 3107799        | 4030017       | 63.98%          | 7.151%        |
| 18        | 10.842      | 764           | 766         | 772          | rBV      | 178094         | 263728        | 4.19%           | 0.468%        |
| 19        | 11.288      | 803           | 805         | 806          | rBV      | 159082         | 134686        | 2.14%           | 0.239%        |
| 20        | 11.413      | 814           | 816         | 819          | rBV      | 2178505        | 1977074       | 31.39%          | 3.508%        |
| 21        | 13.002      | 953           | 955         | 958          | rBV      | 5194303        | 4694913       | 74.54%          | 8.331%        |
| 22        | 13.905      | 1031          | 1034        | 1040         | rBV2     | 144974         | 238856        | 3.79%           | 0.424%        |
| 23        | 14.054      | 1044          | 1047        | 1049         | rBV      | 1439313        | 1429784       | 22.70%          | 2.537%        |
| 24        | 15.494      | 1170          | 1173        | 1176         | rBV      | 1098938        | 1371683       | 21.78%          | 2.434%        |

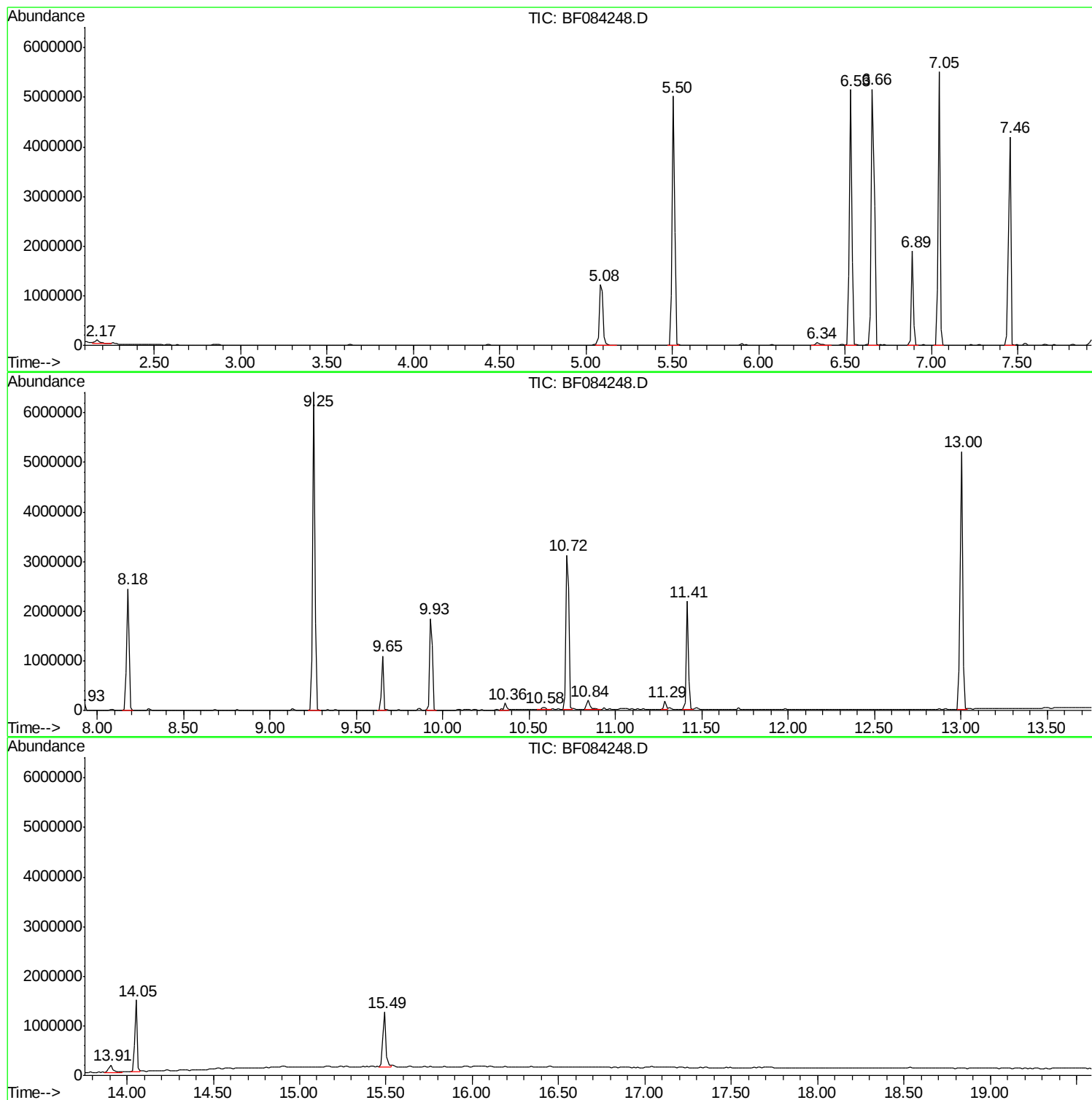
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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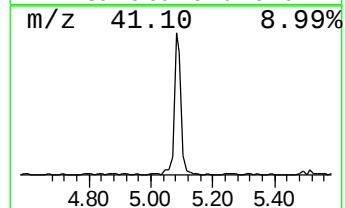
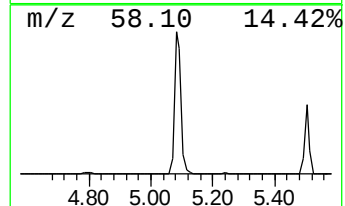
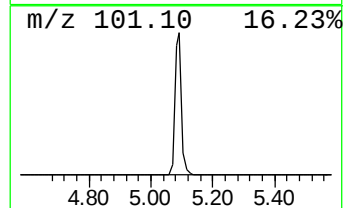
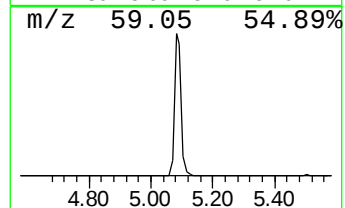
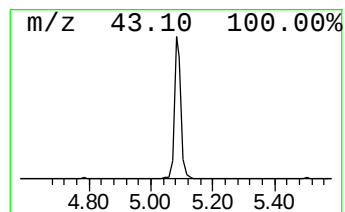
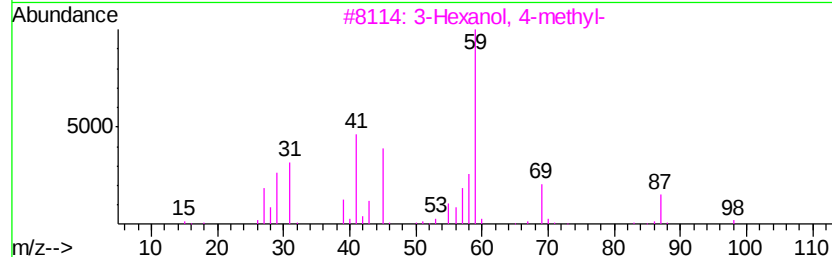
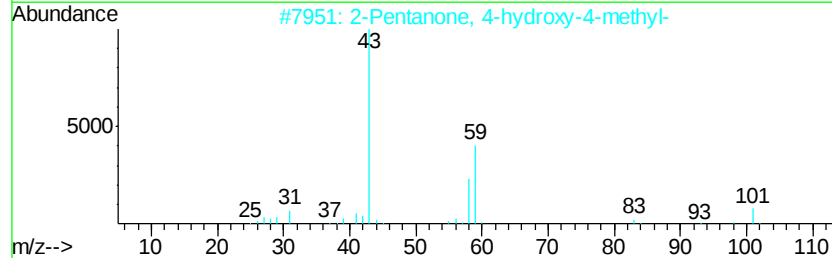
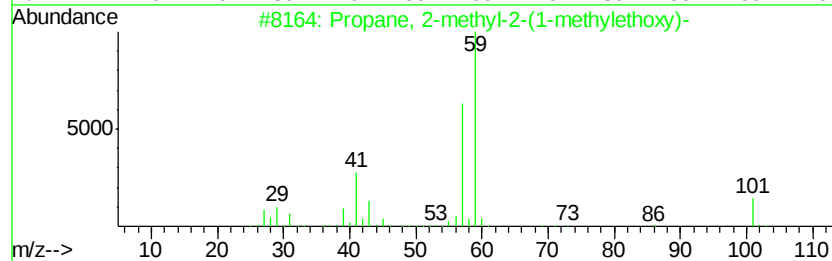
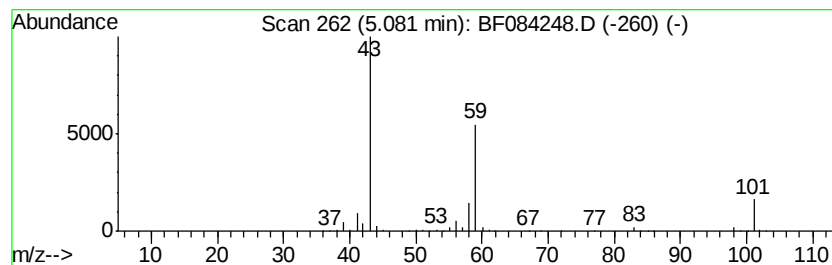
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 5.08      | 22.30 ng                            | 1826480 | 1,4-Dichlorobenzene-d4 | 6.89        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | Propane, 2-methyl-2-(1-methyleth... | 116     | C7H16O                 | 017348-59-3 | 53   |
| 2         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116     | C6H12O2                | 000123-42-2 | 50   |
| 3         | 3-Hexanol, 4-methyl-                | 116     | C7H16O                 | 000615-29-2 | 33   |
| 4         | 2-Hexanol, 2-methyl-                | 116     | C7H16O                 | 000625-23-0 | 33   |
| 5         | Acetic acid, cyano-, 1,1-dimethy... | 141     | C7H11NO2               | 001116-98-9 | 32   |



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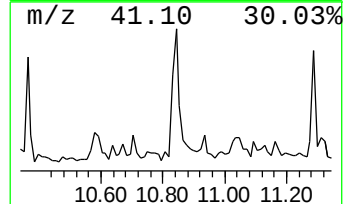
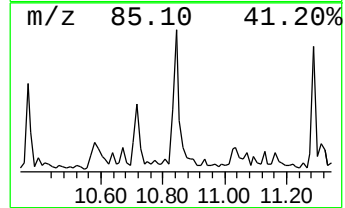
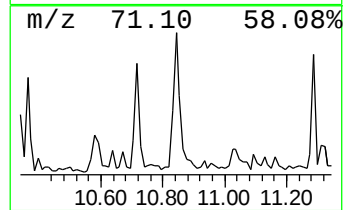
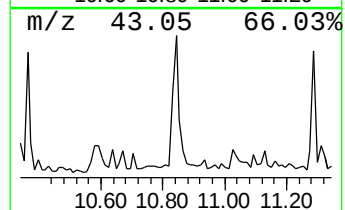
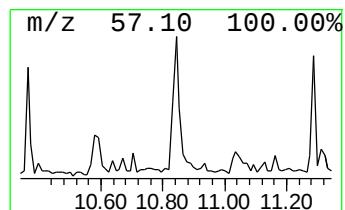
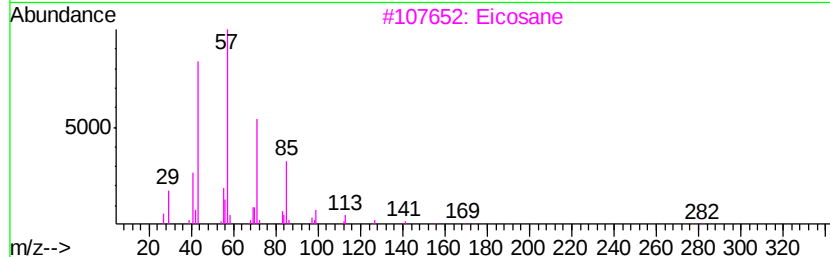
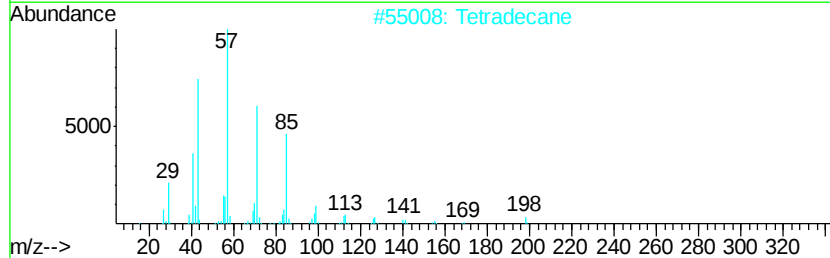
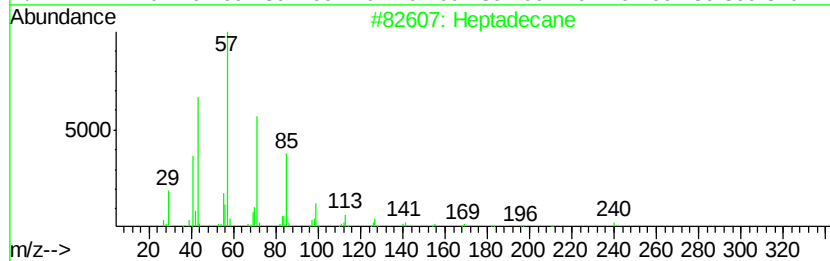
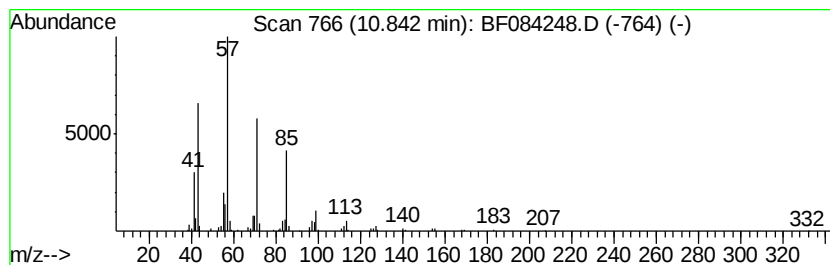
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Peak Number 4 Heptadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.84 | 2.67 ng | 263728 | Phenanthrene-d10 | 11.41 |

| Hit# of | 5                      | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane            |              | 240 | C17H36  | 000629-78-7 | 90   |
| 2       | Tetradecane            |              | 198 | C14H30  | 000629-59-4 | 87   |
| 3       | Eicosane               |              | 282 | C20H42  | 000112-95-8 | 83   |
| 4       | Pentadecane, 7-methyl- |              | 226 | C16H34  | 006165-40-8 | 72   |
| 5       | Pentadecane            |              | 212 | C15H32  | 000629-62-9 | 72   |



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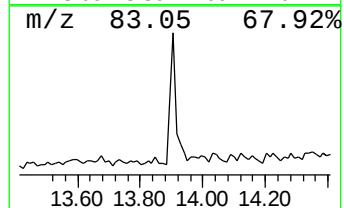
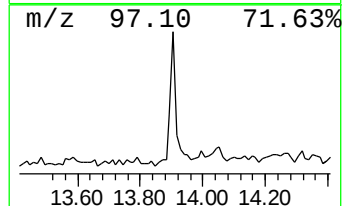
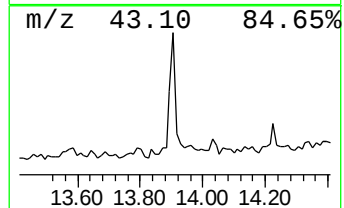
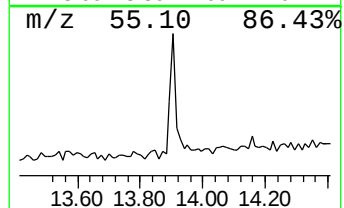
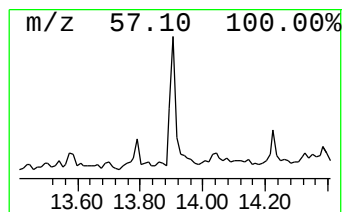
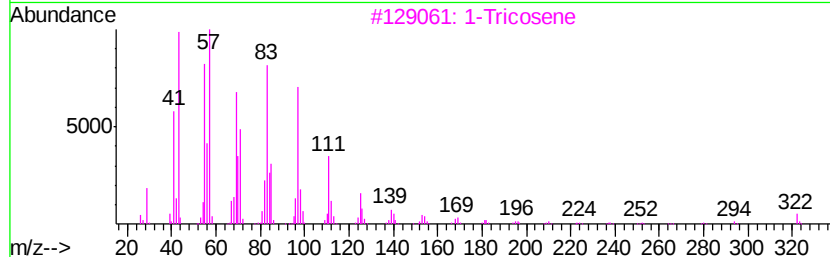
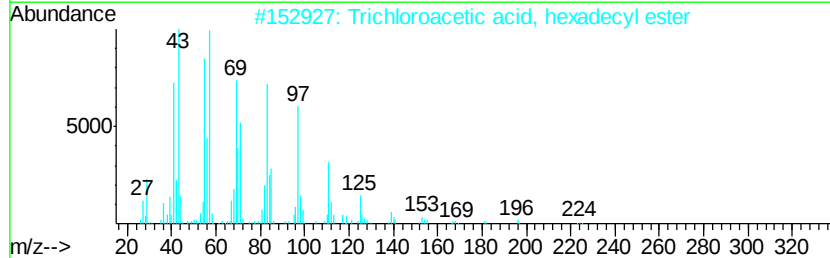
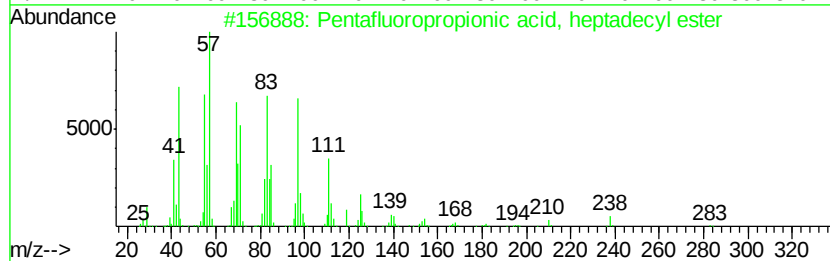
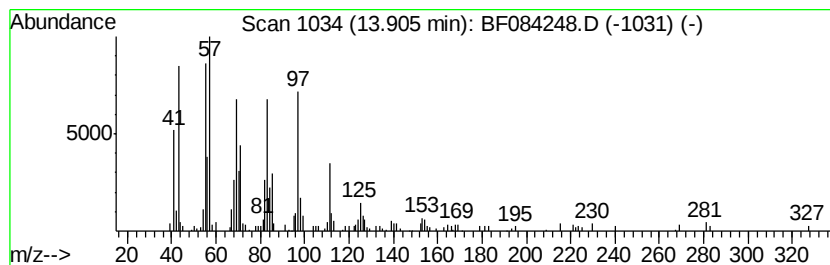
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.91 | 3.34 ng | 238856 | Chrysene-d12     | 14.05 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 1000283-04-2 | 91   |
| 2    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |
| 3    |    | 1-Tricosene                         | 322 | C23H46      | 018835-32-0  | 91   |
| 4    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 91   |
| 5    |    | 1-Docosanol                         | 326 | C22H46O     | 000661-19-8  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Propane, 2-methyl... | 5.08  | 22.3    | ng    | 1826480  | 1                     | 6.89  | 1638340 | 20.0 |
| Heptadecane          | 10.84 | 2.7     | ng    | 263728   | 4                     | 11.41 | 1977070 | 20.0 |
| Pentafluoropropio... | 13.91 | 3.3     | ng    | 238856   | 5                     | 14.05 | 1429780 | 20.0 |