

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098115.D
 Acq On : 29 Aug 2017 17:15
 Operator : SJ/JU
 Sample : I4988-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF3-COMP

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1 | 4.934 | 481 | 484 | 495 | rVB | 200744 | 304375 | 8.13% | 0.982% |
| 2 | 5.346 | 548 | 554 | 557 | rBV | 3058590 | 3257484 | 86.99% | 10.513% |
| 3 | 6.375 | 723 | 729 | 733 | rBV | 3057718 | 3490203 | 93.21% | 11.265% |
| 4 | 6.504 | 746 | 751 | 754 | rBV | 3267389 | 3276012 | 87.49% | 10.573% |
| 5 | 6.734 | 786 | 790 | 793 | rBV | 865793 | 779390 | 20.81% | 2.515% |
| 6 | 6.887 | 812 | 816 | 820 | rBV | 2540791 | 2516894 | 67.21% | 8.123% |
| 7 | 7.298 | 880 | 886 | 889 | rBV | 2118080 | 2175740 | 58.10% | 7.022% |
| 8 | 7.392 | 897 | 902 | 916 | rVB | 27212 | 44444 | 1.19% | 0.143% |
| 9 | 8.016 | 1003 | 1008 | 1019 | rBV | 1190288 | 1057464 | 28.24% | 3.413% |
| 10 | 9.098 | 1186 | 1192 | 1195 | rBV | 3516732 | 3744643 | 100.00% | 12.086% |
| 11 | 9.486 | 1254 | 1258 | 1266 | rBV | 742370 | 619556 | 16.55% | 2.000% |
| 12 | 9.704 | 1291 | 1295 | 1299 | rVB | 47959 | 40746 | 1.09% | 0.132% |
| 13 | 9.769 | 1299 | 1306 | 1316 | rVB | 1351911 | 1166598 | 31.15% | 3.765% |
| 14 | 10.204 | 1377 | 1380 | 1383 | rVB | 74274 | 57924 | 1.55% | 0.187% |
| 15 | 10.557 | 1435 | 1440 | 1443 | rBV | 2105463 | 2149182 | 57.39% | 6.936% |
| 16 | 10.675 | 1457 | 1460 | 1468 | rBV | 92282 | 98107 | 2.62% | 0.317% |
| 17 | 11.122 | 1533 | 1536 | 1539 | rBV2 | 51032 | 46100 | 1.23% | 0.149% |
| 18 | 11.251 | 1554 | 1558 | 1561 | rBV | 1358926 | 1136960 | 30.36% | 3.670% |
| 19 | 12.839 | 1823 | 1828 | 1831 | rBV | 3030341 | 3080267 | 82.26% | 9.941% |
| 20 | 13.733 | 1976 | 1980 | 1992 | rBV | 294853 | 325081 | 8.68% | 1.049% |
| 21 | 13.880 | 2000 | 2005 | 2009 | rBV | 835251 | 812253 | 21.69% | 2.622% |
| 22 | 14.727 | 2146 | 2149 | 2153 | rVB | 59999 | 57273 | 1.53% | 0.185% |
| 23 | 15.304 | 2241 | 2247 | 2251 | rBV | 523601 | 658441 | 17.58% | 2.125% |
| 24 | 15.792 | 2326 | 2330 | 2337 | rBV5 | 26873 | 47926 | 1.28% | 0.155% |
| 25 | 16.215 | 2398 | 2402 | 2409 | rBV3 | 22977 | 40957 | 1.09% | 0.132% |

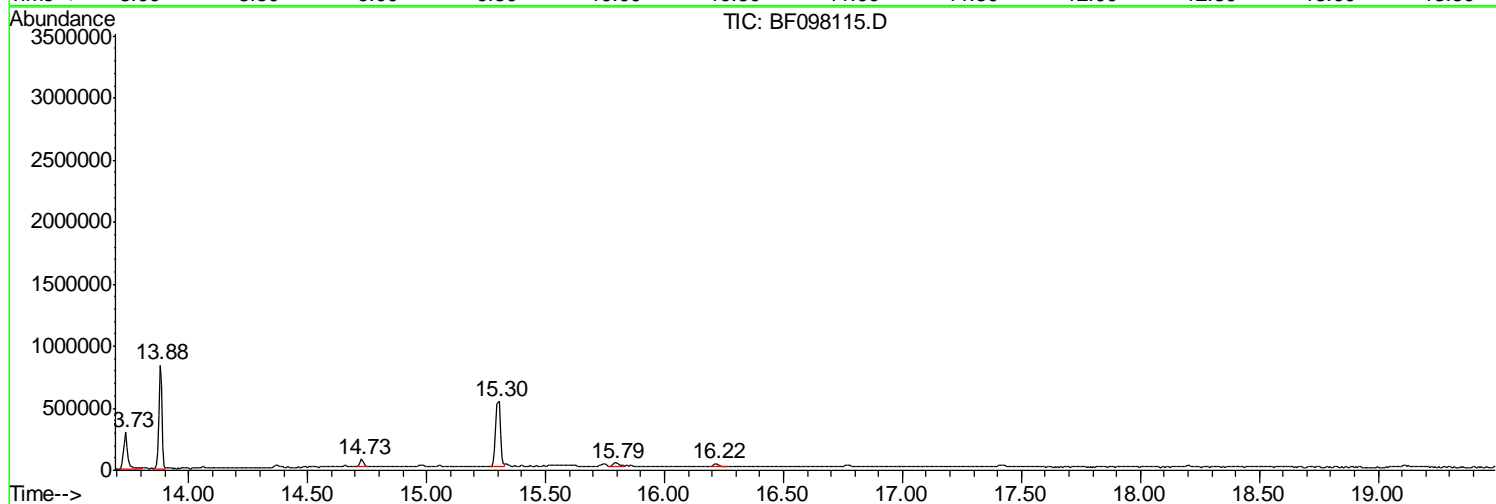
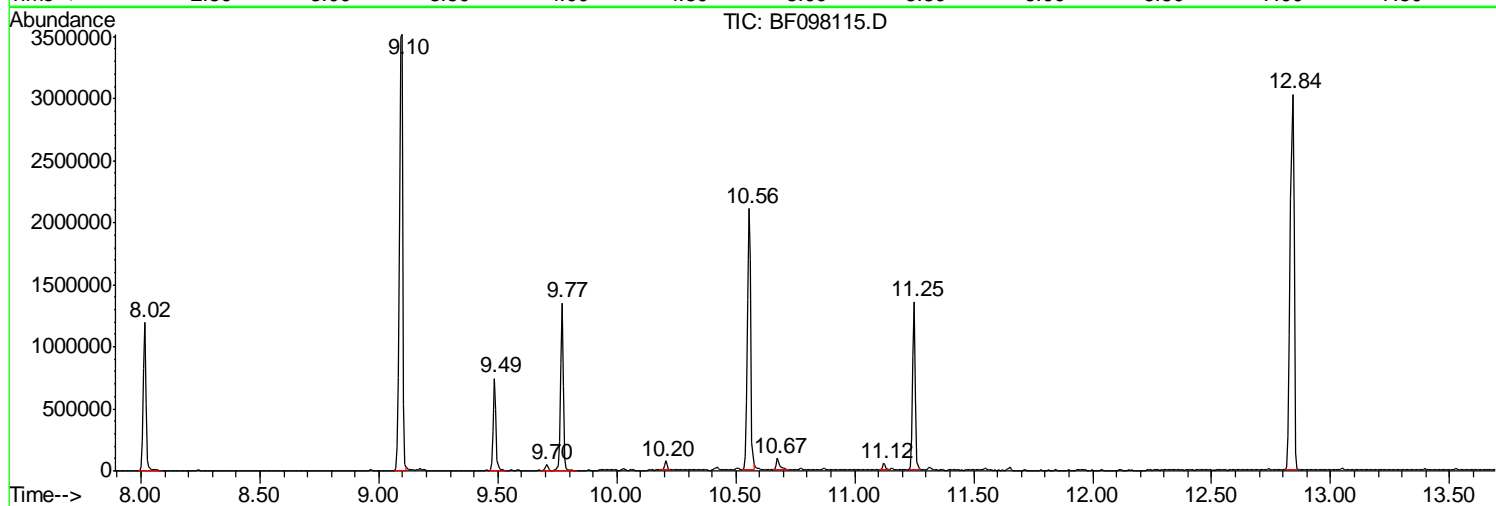
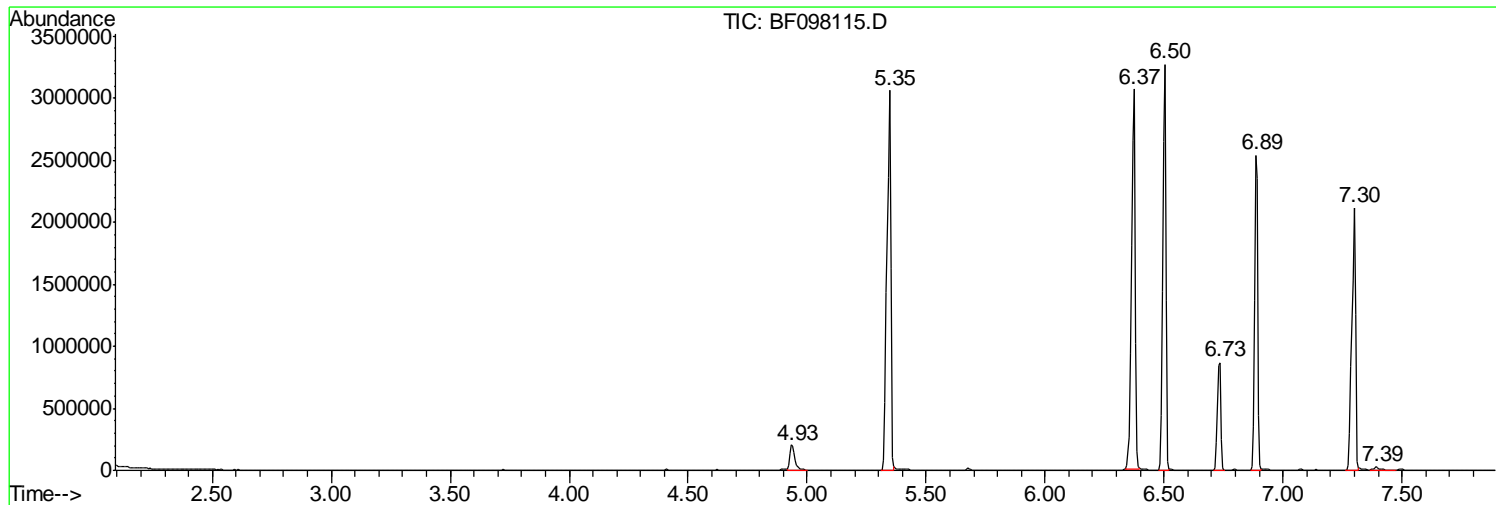
Sum of corrected areas: 30984020

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BNA_F
ClientSampled :
FF3-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
 BNA_F
 ClientSampleID :
 FF3-COMP

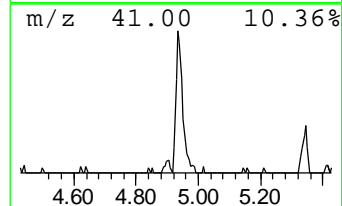
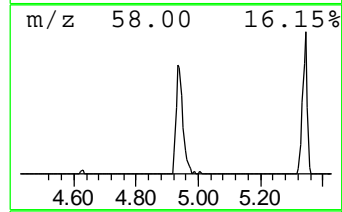
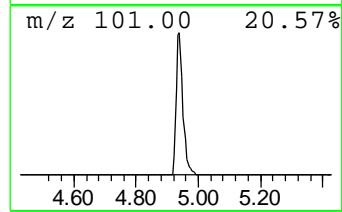
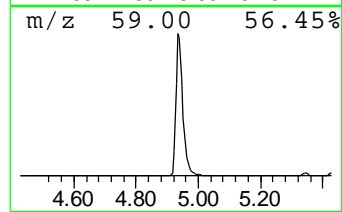
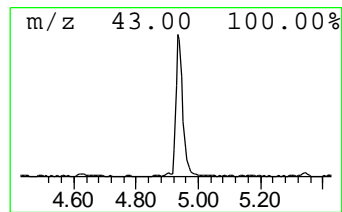
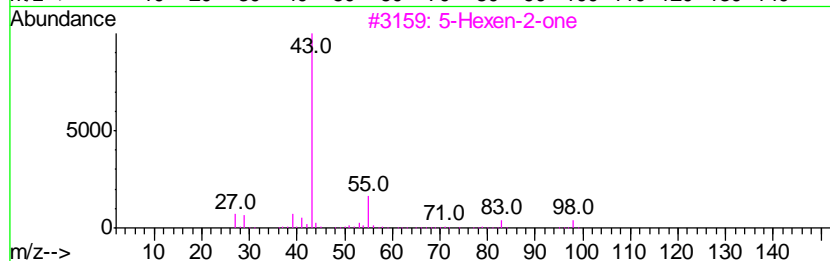
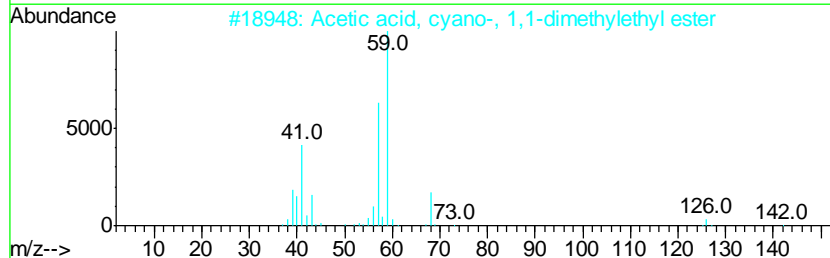
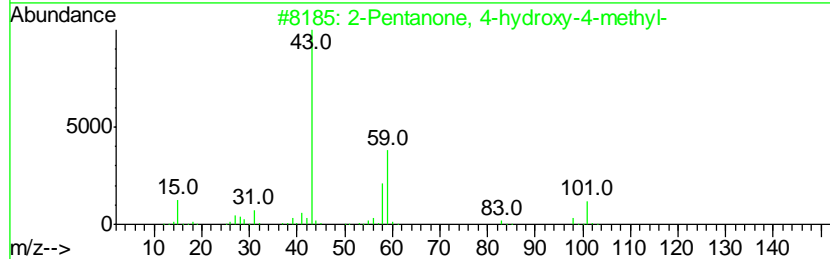
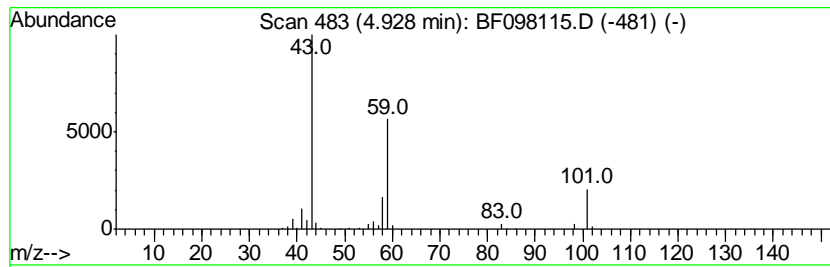
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|------|---------|--------|------------------------|------|
| 4.93 | 7.81 ng | 304375 | 1,4-Dichlorobenzene-d4 | 6.73 |

| 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, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 3 | | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 4 | | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |
| 5 | | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



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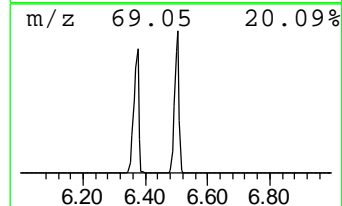
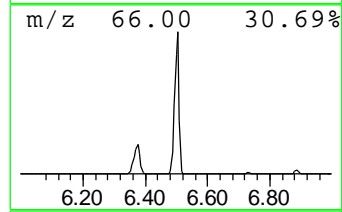
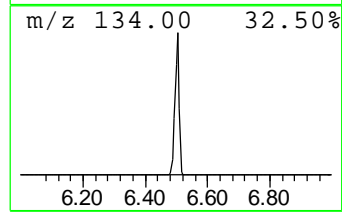
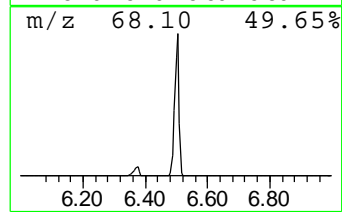
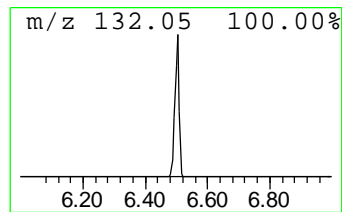
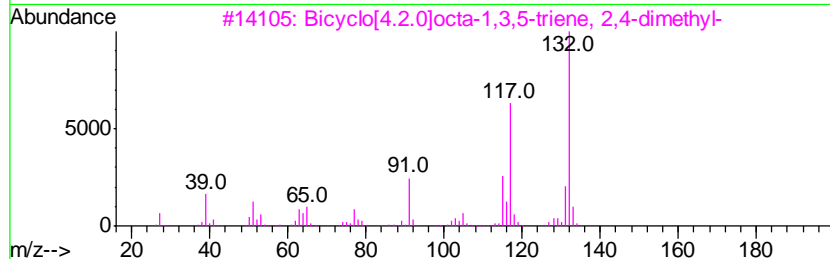
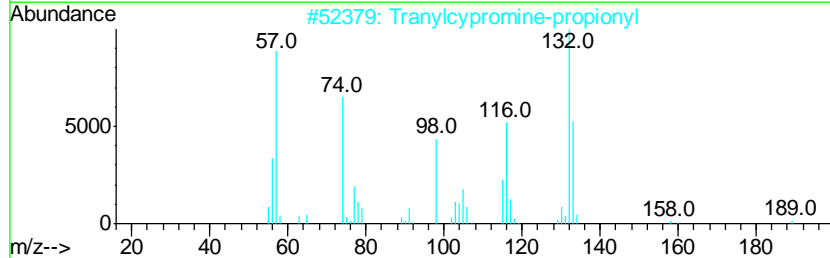
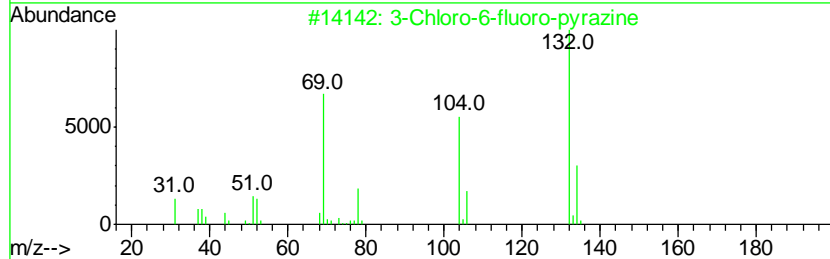
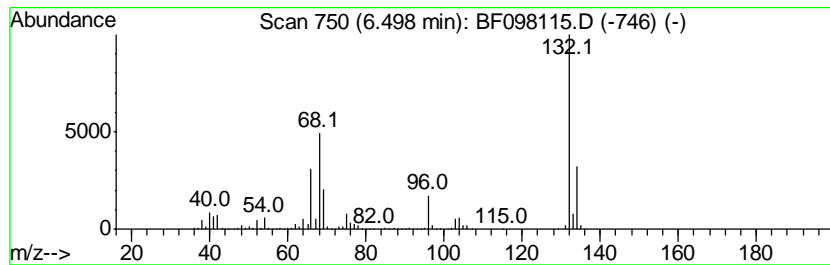
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 unknown6.50 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|------|----------|---------|------------------------|------|
| 6.50 | 84.07 ng | 3276010 | 1,4-Dichlorobenzene-d4 | 6.73 |

| Hit# | of | Tentative ID | MW | MolForm | CAS# | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1 | 5 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 35 |
| 2 | | Tranlycypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 4 | | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |
| 5 | | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2 | 1000241-93-9 | 9 |



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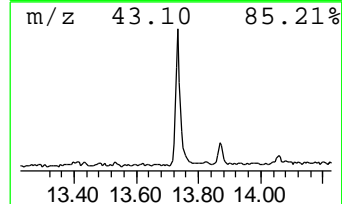
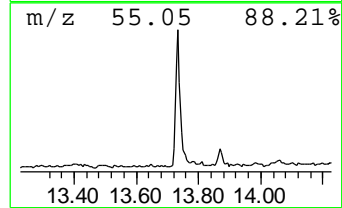
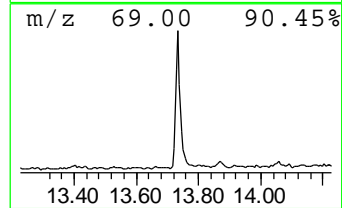
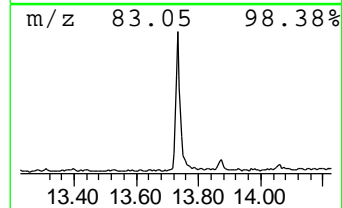
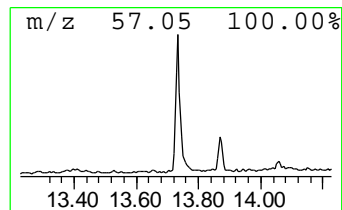
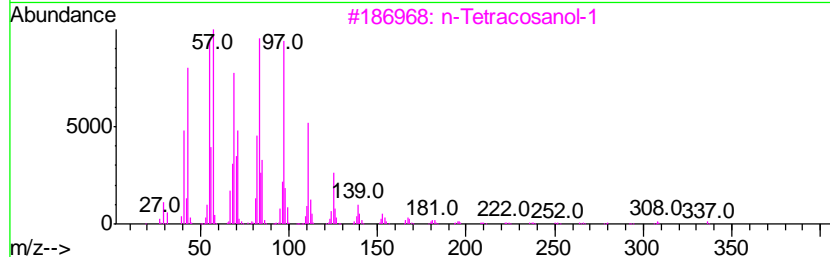
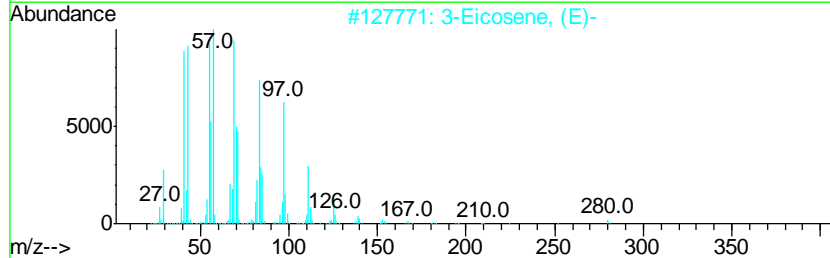
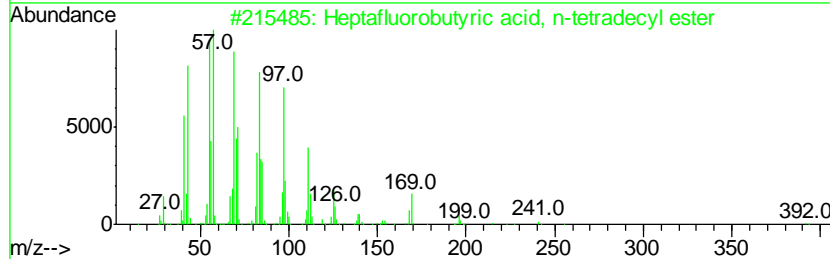
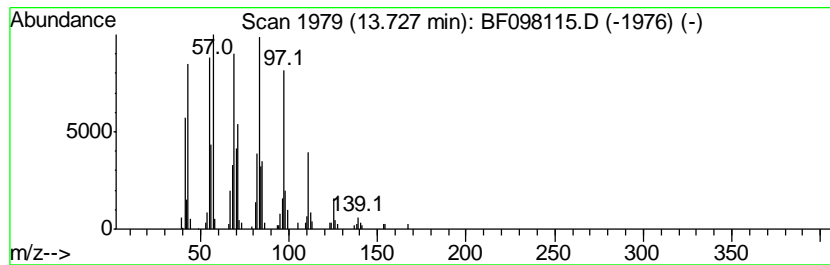
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|-------|
| 13.73 | 8.00 ng | 325081 | Chrysene-d12 | 13.88 |

| Hit# | of | Tentative ID | MW | MolForm | CAS# | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1 | 5 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |
| 2 | | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 3 | | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 4 | | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 91 |



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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... | 4.93 | 7.8 | ng | 304375 | 1 | 6.73 | 779390 | 20.0 |
| unknown6.50 | 6.50 | 84.1 | ng | 3276010 | 1 | 6.73 | 779390 | 20.0 |
| Heptafluorobutyri... | 13.73 | 8.0 | ng | 325081 | 5 | 13.88 | 812253 | 20.0 |