

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090415\  
 Data File : BF081446.D  
 Acq On : 5 Sep 2015 5:06  
 Operator : UM/IZ  
 Sample : G3526-14  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16(9-10)

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-BF090115.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         | 4.399       | 243           | 246         | 254          | rBV      | 460508         | 801014        | 53.13%          | 5.796%        |
| 2         | 4.902       | 288           | 290         | 293          | rBV      | 1272333        | 1329432       | 88.18%          | 9.619%        |
| 3         | 6.022       | 386           | 388         | 391          | rBV      | 1181390        | 1285335       | 85.25%          | 9.300%        |
| 4         | 6.124       | 395           | 397         | 399          | rBV      | 1652987        | 1460366       | 96.86%          | 10.566%       |
| 5         | 6.353       | 415           | 417         | 420          | rVB      | 434341         | 398200        | 26.41%          | 2.881%        |
| 6         | 6.513       | 429           | 431         | 433          | rBV      | 1175825        | 1025711       | 68.03%          | 7.421%        |
| 7         | 6.936       | 465           | 468         | 470          | rBV      | 1016760        | 1016849       | 67.44%          | 7.357%        |
| 8         | 7.645       | 528           | 530         | 533          | rBV      | 610726         | 517147        | 34.30%          | 3.742%        |
| 9         | 8.730       | 622           | 625         | 627          | rBV      | 1637695        | 1507712       | 100.00%         | 10.909%       |
| 10        | 9.130       | 658           | 660         | 663          | rBV      | 297198         | 249991        | 16.58%          | 1.809%        |
| 11        | 9.382       | 680           | 682         | 685          | rVB      | 553426         | 525769        | 34.87%          | 3.804%        |
| 12        | 10.171      | 748           | 751         | 753          | rBV      | 892915         | 918137        | 60.90%          | 6.643%        |
| 13        | 10.319      | 762           | 764         | 767          | rBV      | 27865          | 30736         | 2.04%           | 0.222%        |
| 14        | 10.765      | 801           | 803         | 804          | rBV      | 25334          | 21217         | 1.41%           | 0.154%        |
| 15        | 10.845      | 808           | 810         | 813          | rBV      | 486624         | 524764        | 34.81%          | 3.797%        |
| 16        | 11.188      | 838           | 840         | 842          | rVB      | 20368          | 16397         | 1.09%           | 0.119%        |
| 17        | 11.428      | 859           | 861         | 864          | rBV      | 18469          | 30581         | 2.03%           | 0.221%        |
| 18        | 12.434      | 946           | 949         | 951          | rBV      | 1485629        | 1334574       | 88.52%          | 9.656%        |
| 19        | 13.360      | 1028          | 1030        | 1036         | rBV      | 23290          | 55685         | 3.69%           | 0.403%        |
| 20        | 13.451      | 1036          | 1038        | 1041         | rBV      | 394380         | 418685        | 27.77%          | 3.029%        |
| 21        | 14.331      | 1112          | 1115        | 1117         | rVB      | 42646          | 36455         | 2.42%           | 0.264%        |
| 22        | 14.765      | 1150          | 1153        | 1155         | rBV      | 265338         | 316522        | 20.99%          | 2.290%        |

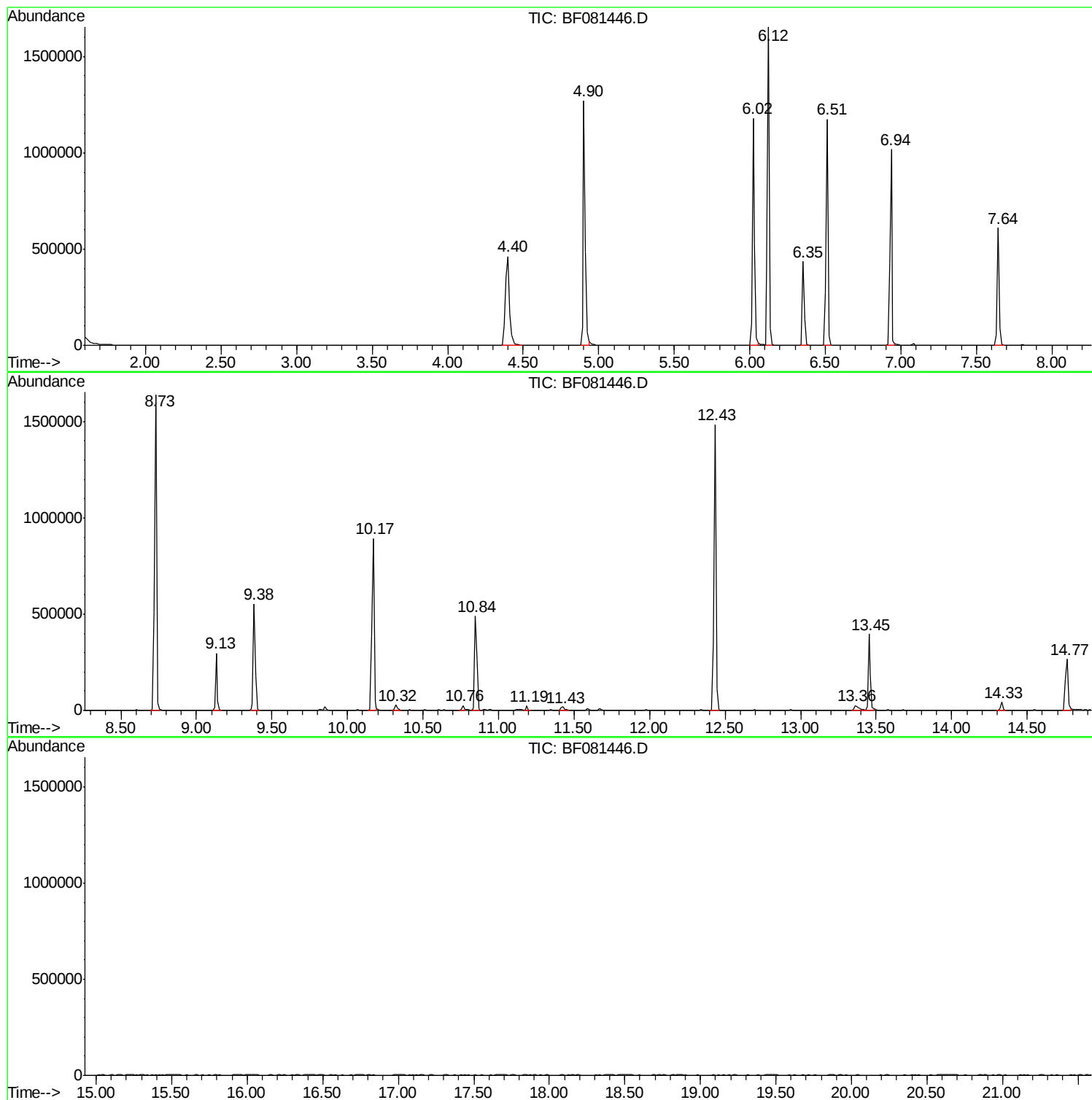
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BNA\_F  
ClientSampleId :  
SB-16(9-10)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.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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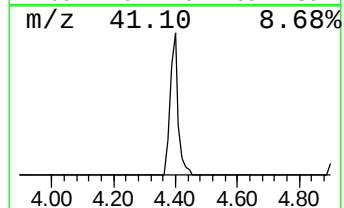
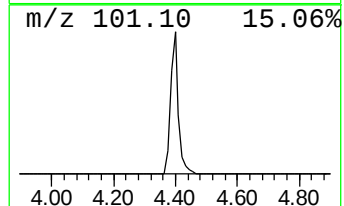
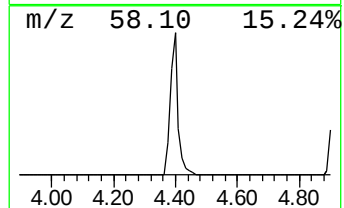
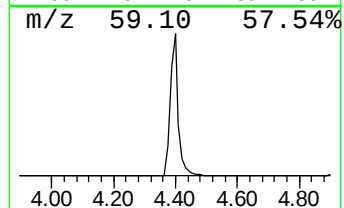
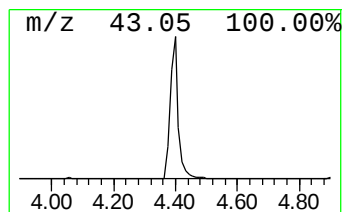
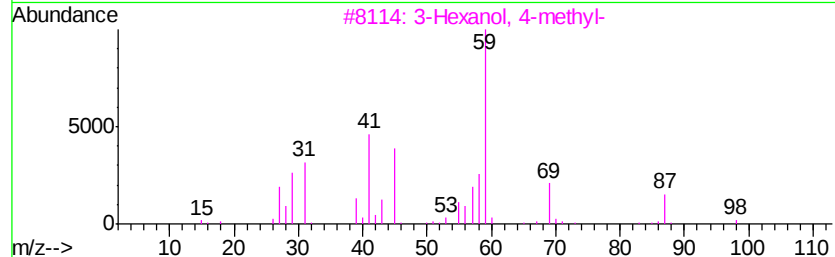
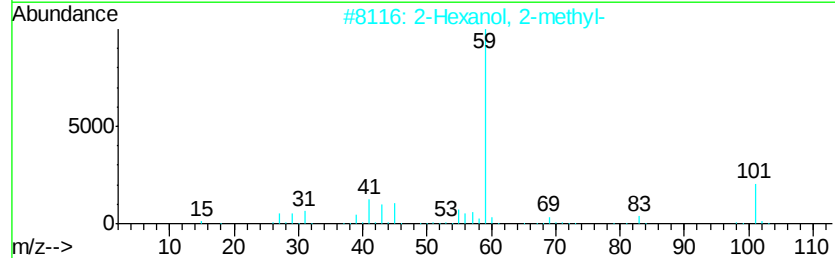
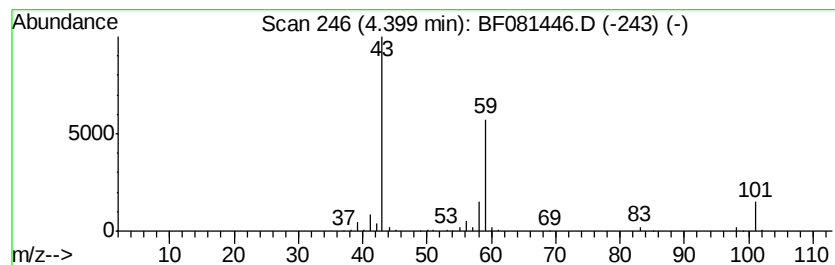
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 4.40 | 40.23 ng | 801014 | 1,4-Dichlorobenzene-d4 | 6.35 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    |   | 2-Hexanol, 2-methyl-             | 116 | C7H16O  | 000625-23-0 | 33   |
| 3    |    |   | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 33   |
| 4    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 9    |
| 5    |    |   | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O  | 000627-02-1 | 9    |



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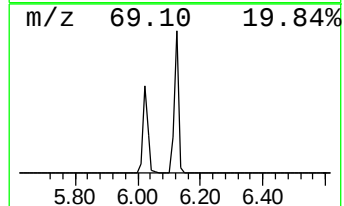
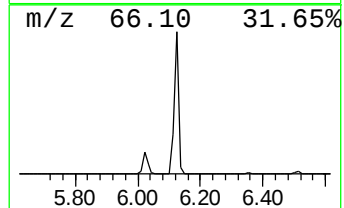
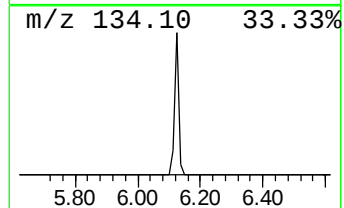
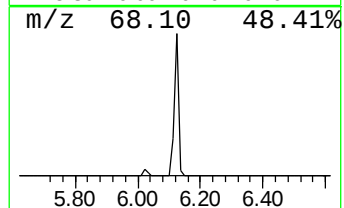
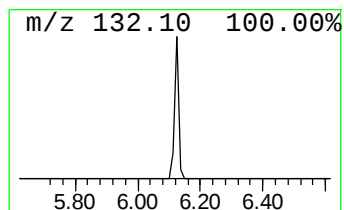
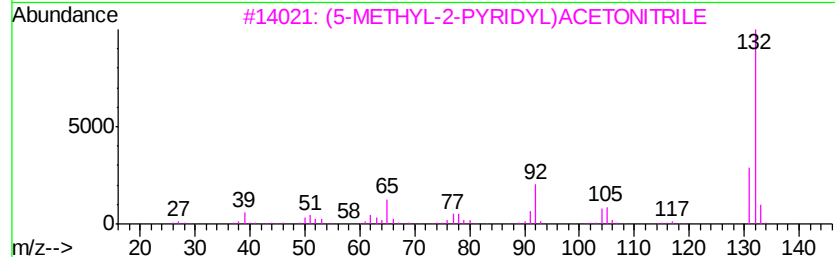
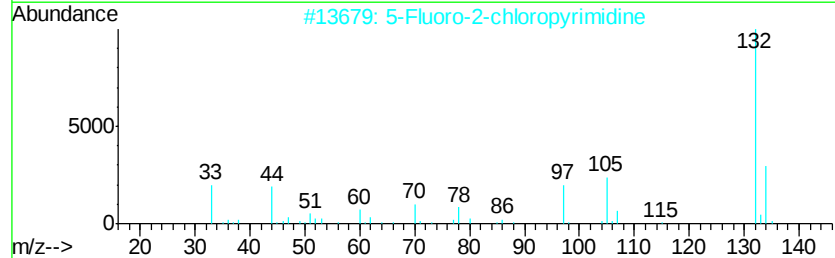
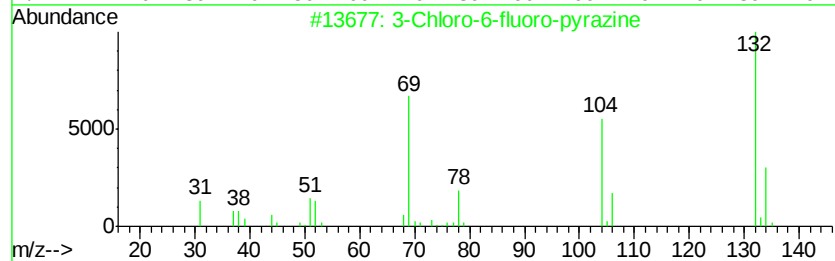
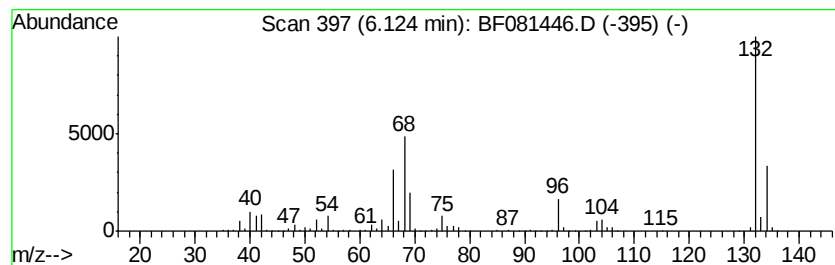
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.12 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.12 | 73.35 ng | 1460370 | 1,4-Dichlorobenzene-d4 | 6.35 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE    | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 4    |    | 1,2,3-Trifluorobenzene              | 132 | C6H3F3    | 001489-53-8  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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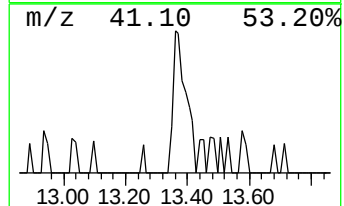
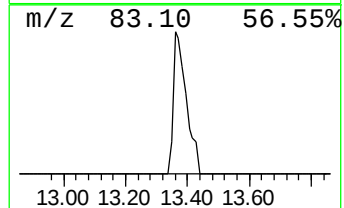
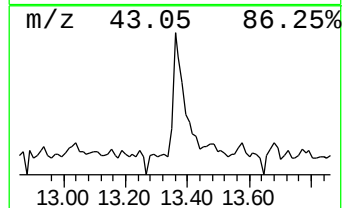
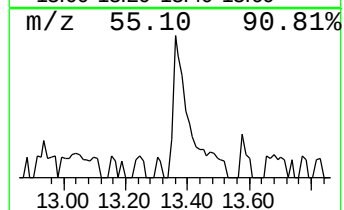
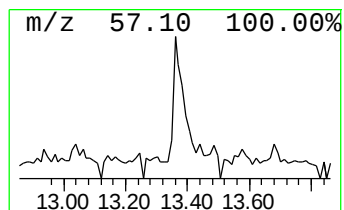
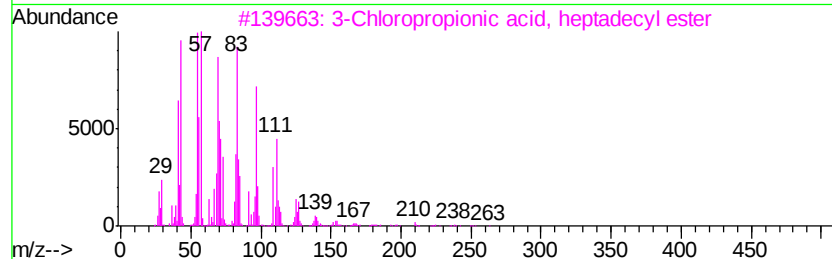
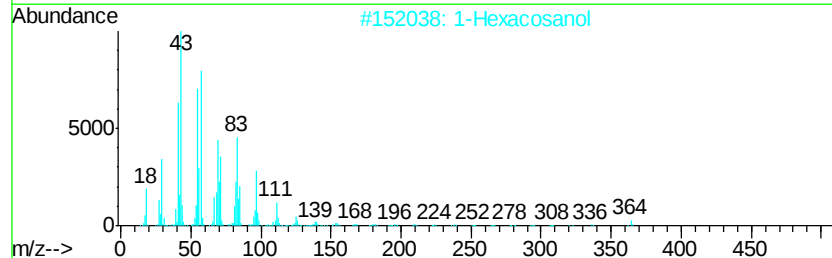
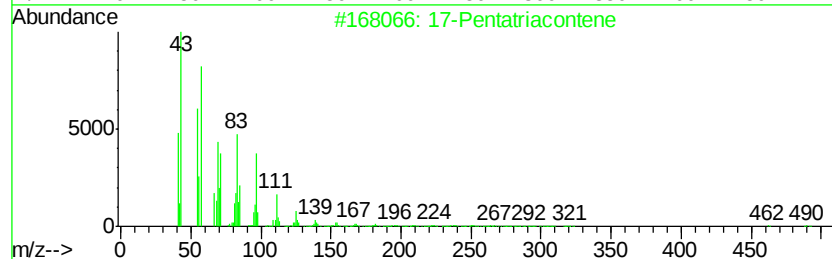
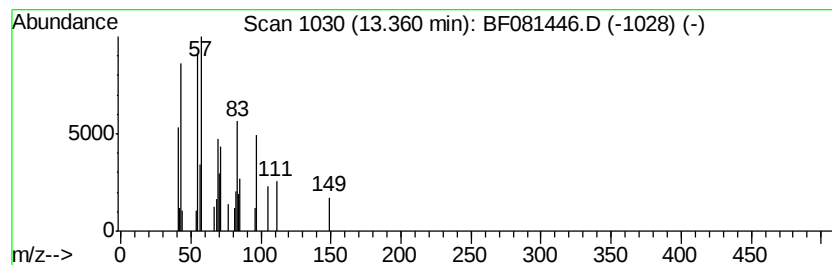
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 17-Pentatriacontene Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.36 | 2.66 ng | 55685 | Chrysene-d12     | 13.45 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|------------|--------------|------|
| 1       | 17-Pentatriacontene                 |              | 491 | C35H70     | 006971-40-0  | 83   |
| 2       | 1-Hexacosanol                       |              | 382 | C26H54O    | 000506-52-5  | 58   |
| 3       | 3-Chloropropionic acid, heptadec... |              | 346 | C20H39ClO2 | 1000283-05-1 | 58   |
| 4       | 1-Octadecene                        |              | 252 | C18H36     | 000112-88-9  | 53   |
| 5       | 1-Nonadecene                        |              | 266 | C19H38     | 018435-45-5  | 53   |



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Instrument :  
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ClientSampleId :  
SB-16(9-10)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
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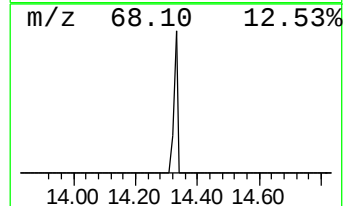
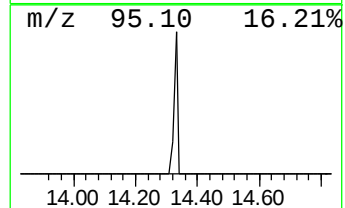
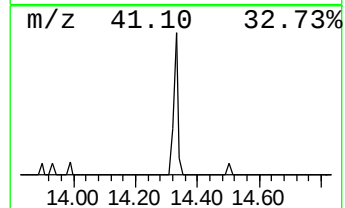
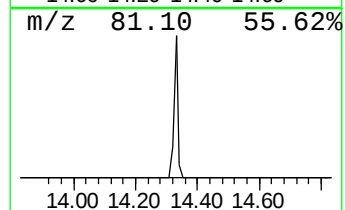
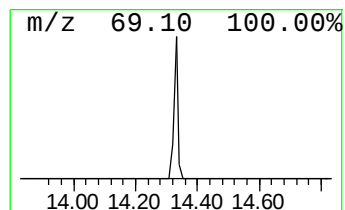
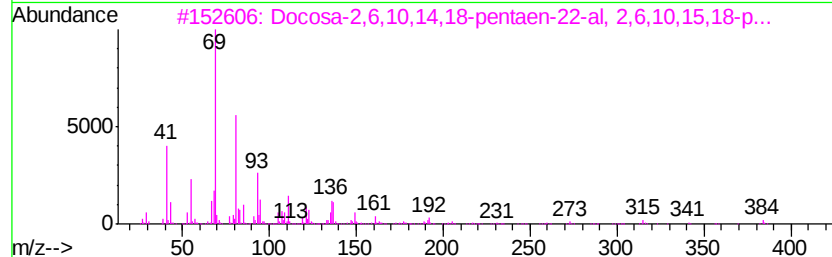
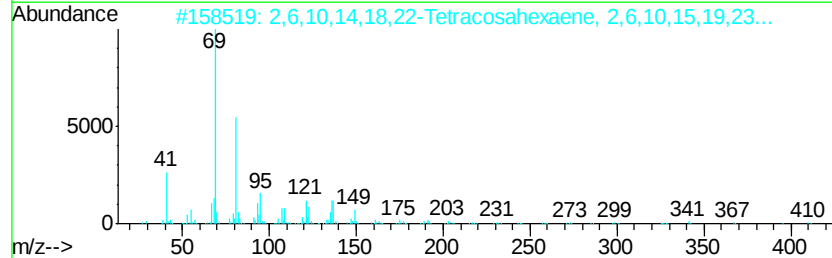
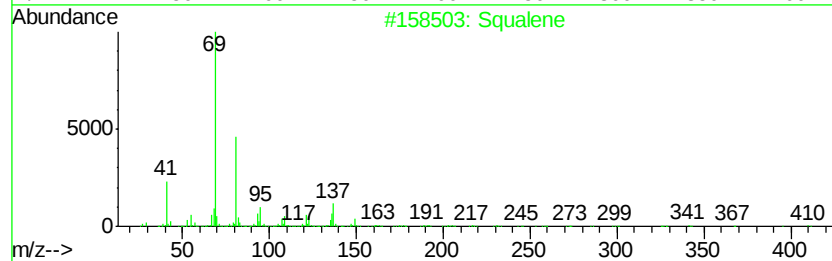
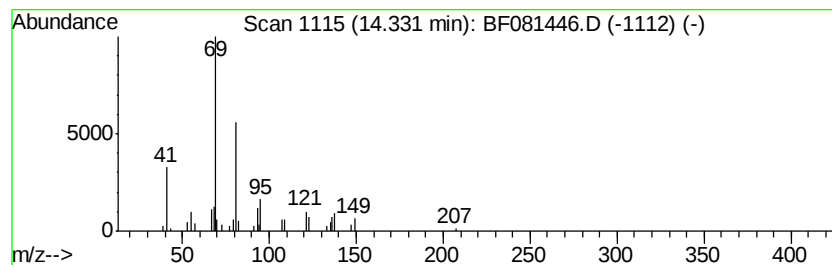
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Squalene Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.33 | 2.30 ng | 36455 | Perylene-d12     | 14.77 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 007683-64-9  | 90   |
| 2    |    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50  | 000111-02-4  | 90   |
| 3    |    | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 83   |
| 4    |    | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4  | 72   |
| 5    |    | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 004602-84-0  | 72   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.40  | 40.2    | ng    | 801014   | 1                     | 6.35  | 398200 | 20.0 |
| unknown6.12          | 6.12  | 73.3    | ng    | 1460370  | 1                     | 6.35  | 398200 | 20.0 |
| 17-Pentatriacontene  | 13.36 | 2.7     | ng    | 55685    | 5                     | 13.45 | 418685 | 20.0 |
| Squalene             | 14.33 | 2.3     | ng    | 36455    | 6                     | 14.77 | 316522 | 20.0 |