

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF061818\  
 Data File : BF106547.D  
 Acq On : 18 Jun 2018 19:09  
 Operator : JU/SJ  
 Sample : J3566-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-6-S

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061118.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         | 5.207       | 484           | 488         | 498          | rVB      | 215690         | 258351        | 9.15%           | 1.090%        |
| 2         | 5.613       | 553           | 557         | 564          | rBV      | 2702594        | 2544681       | 90.15%          | 10.740%       |
| 3         | 6.613       | 722           | 727         | 742          | rVB      | 2512274        | 2564041       | 90.83%          | 10.821%       |
| 4         | 6.748       | 745           | 750         | 753          | rBV      | 2691908        | 2543342       | 90.10%          | 10.734%       |
| 5         | 6.966       | 783           | 787         | 790          | rBV      | 905795         | 700513        | 24.82%          | 2.956%        |
| 6         | 7.125       | 809           | 814         | 817          | rBV      | 2347223        | 2093373       | 74.16%          | 8.835%        |
| 7         | 7.530       | 877           | 883         | 886          | rBV      | 1809966        | 1758114       | 62.28%          | 7.420%        |
| 8         | 8.248       | 1001          | 1005        | 1008         | rBV      | 1037132        | 856125        | 30.33%          | 3.613%        |
| 9         | 9.324       | 1183          | 1188        | 1191         | rBV      | 2874606        | 2822854       | 100.00%         | 11.914%       |
| 10        | 9.713       | 1250          | 1254        | 1261         | rBV      | 453793         | 378542        | 13.41%          | 1.598%        |
| 11        | 9.919       | 1285          | 1289        | 1293         | rBV      | 59832          | 46877         | 1.66%           | 0.198%        |
| 12        | 10.007      | 1300          | 1304        | 1310         | rVB      | 1023459        | 850294        | 30.12%          | 3.589%        |
| 13        | 10.419      | 1372          | 1374        | 1377         | rVB      | 94229          | 66895         | 2.37%           | 0.282%        |
| 14        | 10.636      | 1407          | 1411        | 1414         | rBV      | 23230          | 29087         | 1.03%           | 0.123%        |
| 15        | 10.801      | 1434          | 1439        | 1442         | rBV      | 1578327        | 1462837       | 51.82%          | 6.174%        |
| 16        | 10.895      | 1452          | 1455        | 1460         | rBV      | 74051          | 80405         | 2.85%           | 0.339%        |
| 17        | 11.342      | 1528          | 1531        | 1534         | rBV      | 46543          | 35315         | 1.25%           | 0.149%        |
| 18        | 11.501      | 1554          | 1558        | 1561         | rBV      | 765426         | 702895        | 24.90%          | 2.966%        |
| 19        | 13.083      | 1823          | 1827        | 1830         | rBV      | 2484431        | 2171829       | 76.94%          | 9.166%        |
| 20        | 13.965      | 1974          | 1977        | 1985         | rBV      | 117008         | 144374        | 5.11%           | 0.609%        |
| 21        | 14.154      | 2005          | 2009        | 2013         | rBV      | 846729         | 754530        | 26.73%          | 3.184%        |
| 22        | 14.618      | 2085          | 2088        | 2094         | rBV2     | 39992          | 47410         | 1.68%           | 0.200%        |
| 23        | 15.018      | 2153          | 2156        | 2159         | rVB      | 32993          | 31831         | 1.13%           | 0.134%        |
| 24        | 15.701      | 2266          | 2272        | 2279         | rBV      | 571578         | 749956        | 26.57%          | 3.165%        |

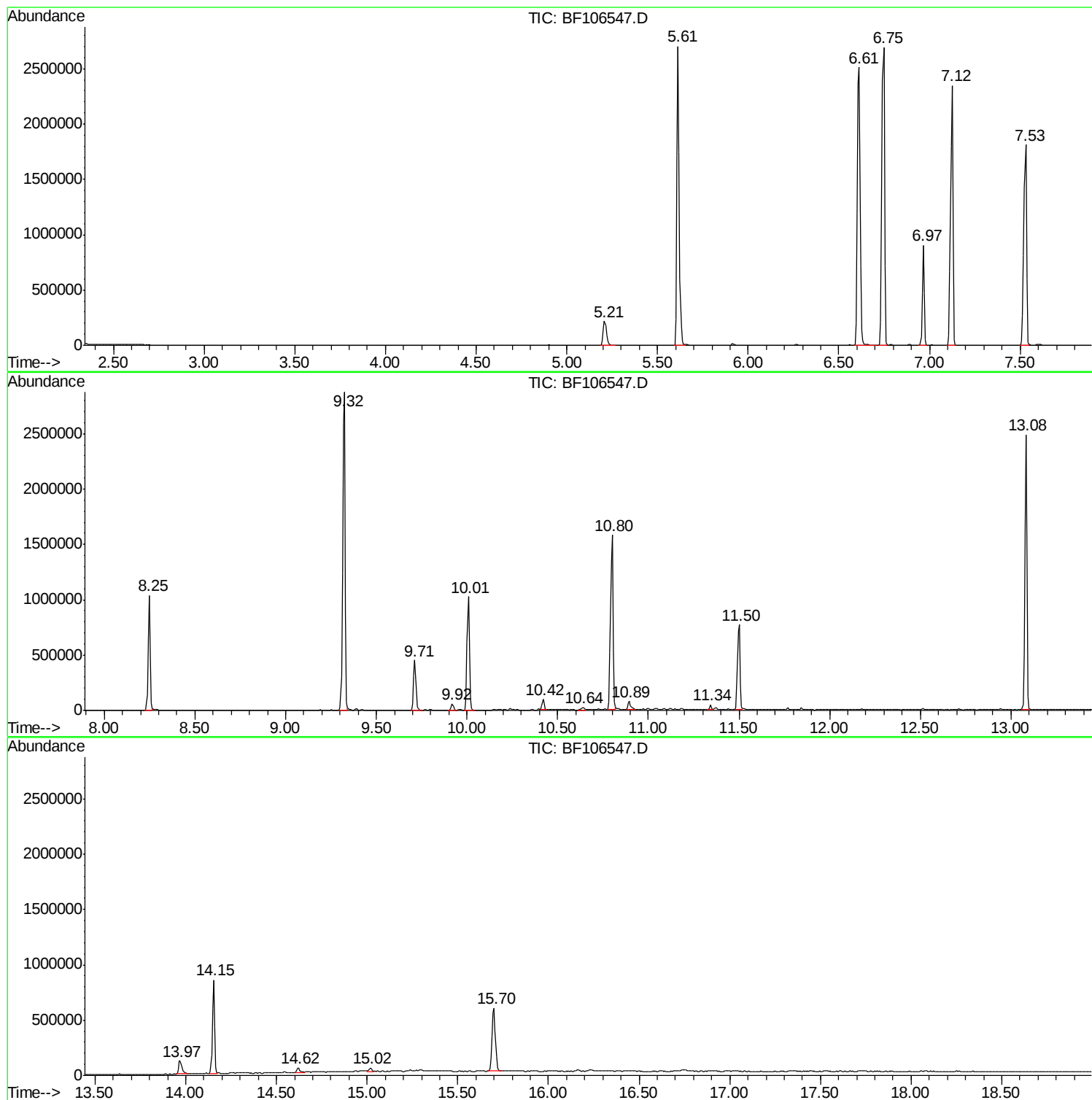
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Sample : J3566-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-6-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.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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BNA\_F  
ClientSampled :  
TP-6-S

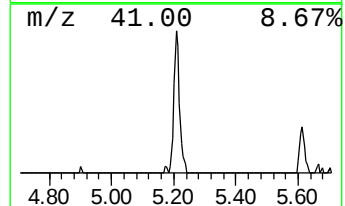
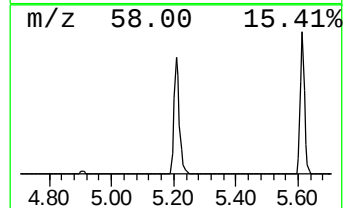
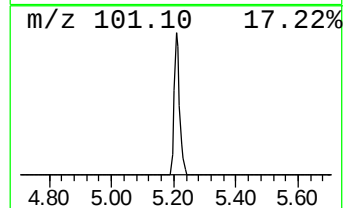
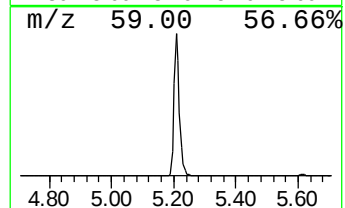
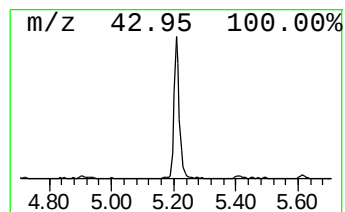
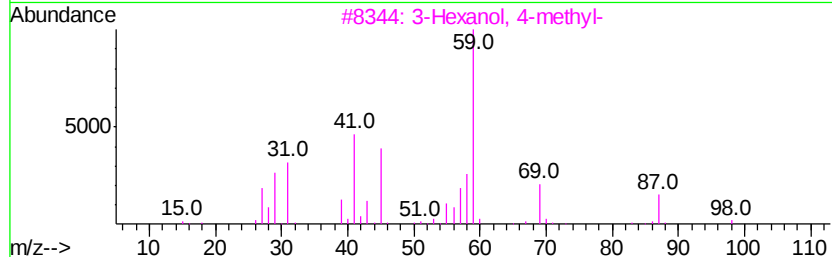
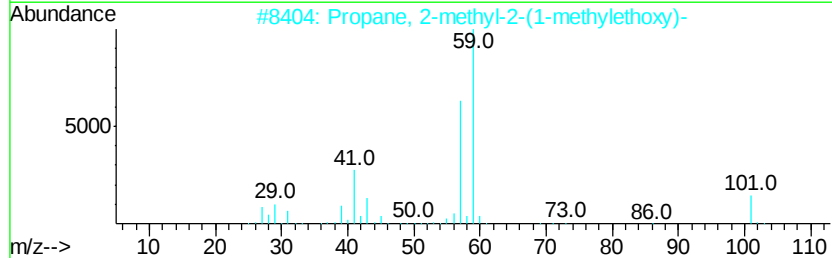
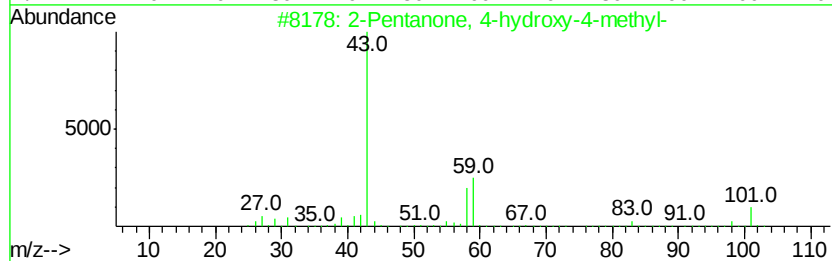
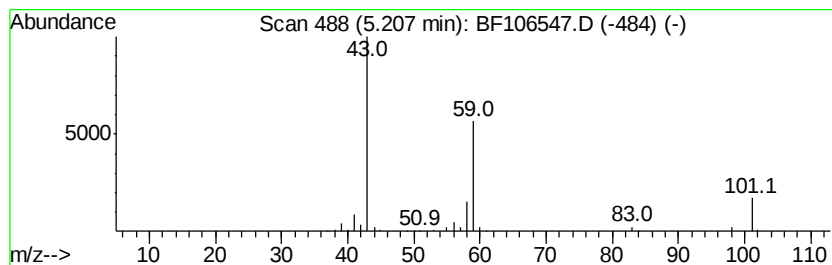
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.21 | 7.38 ng | 258351 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 42   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O  | 000615-29-2 | 33   |
| 4    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O  | 000625-23-0 | 28   |
| 5    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 25   |



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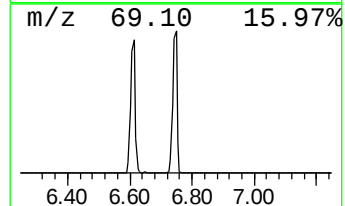
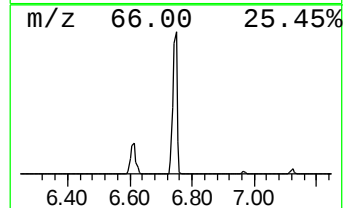
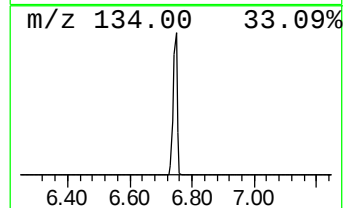
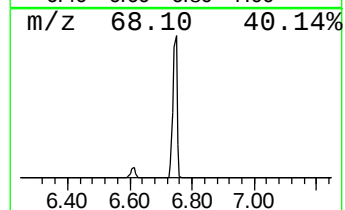
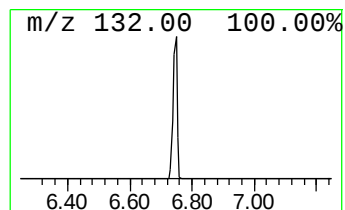
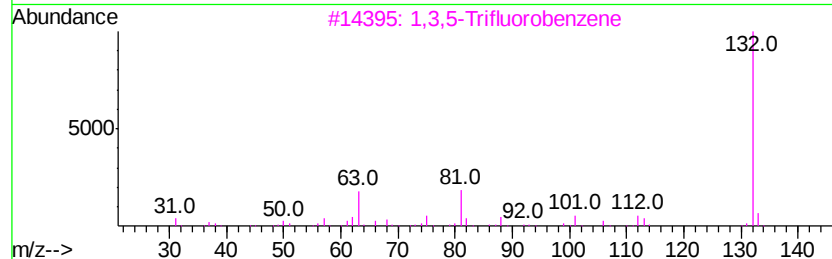
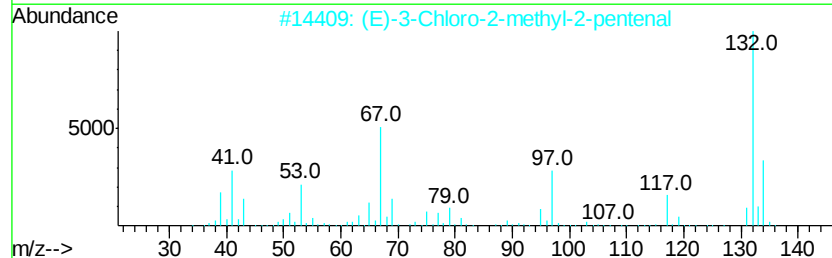
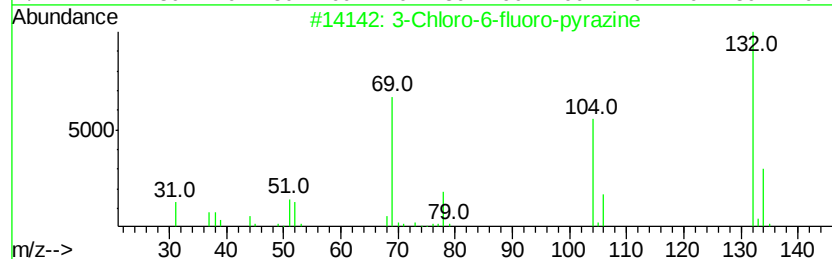
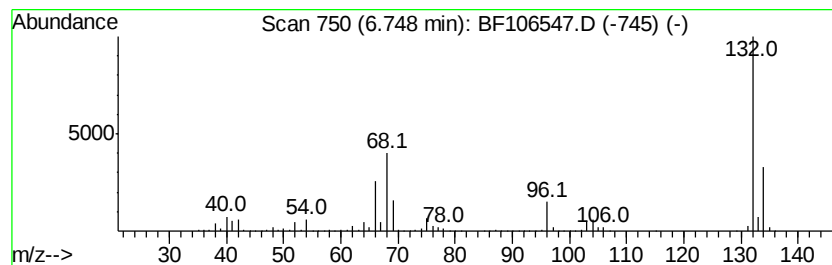
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.75 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.75 | 72.61 ng | 2543340 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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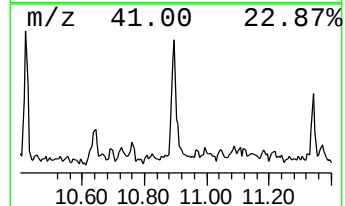
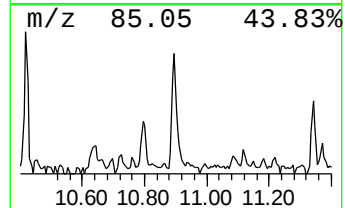
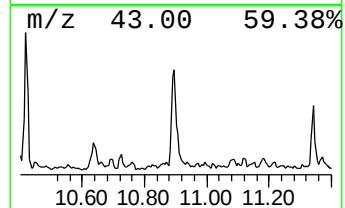
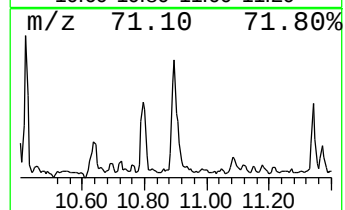
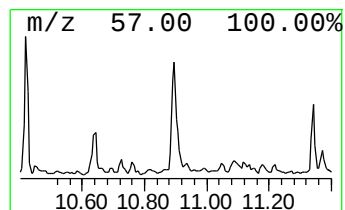
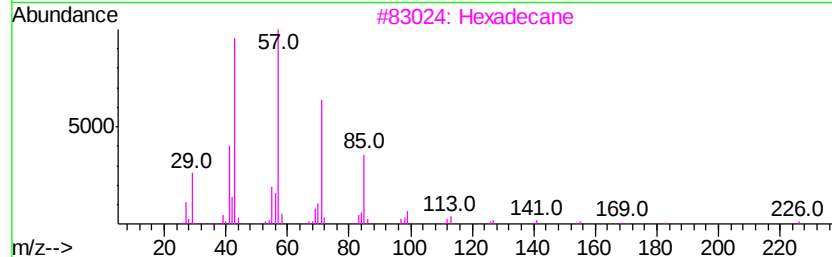
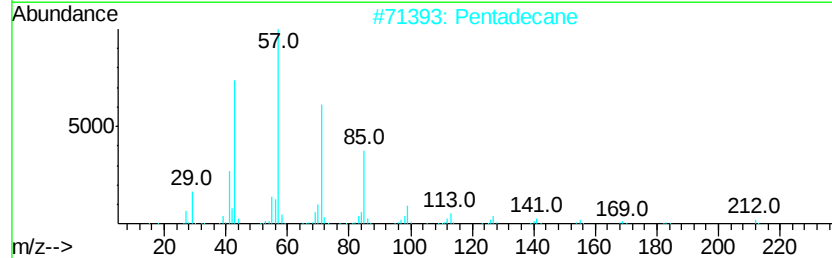
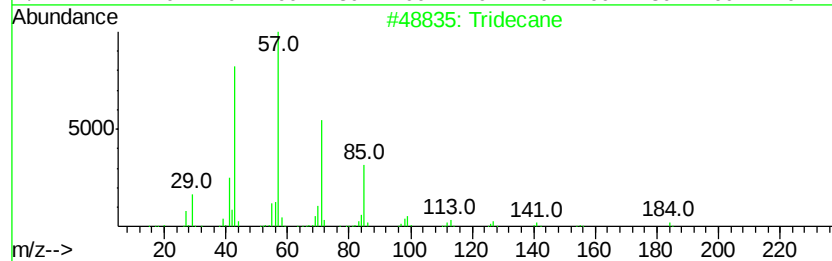
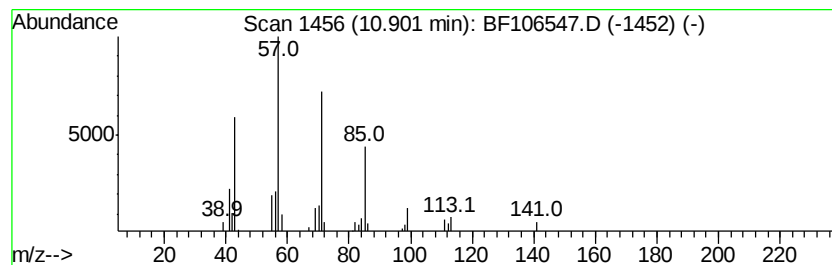
Instrument :  
BNA\_F  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 5

| R.T.      | EstConc                  | Area  | Relative to ISTD |             | R.T.  |
|-----------|--------------------------|-------|------------------|-------------|-------|
| 10.90     | 2.29 ng                  | 80405 | Phenanthrene-d10 |             | 11.50 |
| Hit# of 5 | Tentative ID             | MW    | MolForm          | CAS#        | Qual  |
| 1         | Tridecane                | 184   | C13H28           | 000629-50-5 | 86    |
| 2         | Pentadecane              | 212   | C15H32           | 000629-62-9 | 86    |
| 3         | Hexadecane               | 226   | C16H34           | 000544-76-3 | 78    |
| 4         | Decane, 2,3,5-trimethyl- | 184   | C13H28           | 062238-11-3 | 78    |
| 5         | Undecane, 2,10-dimethyl- | 184   | C13H28           | 017301-27-8 | 64    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
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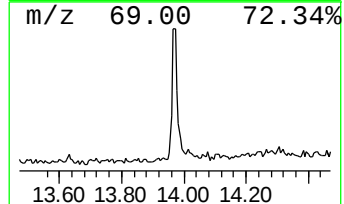
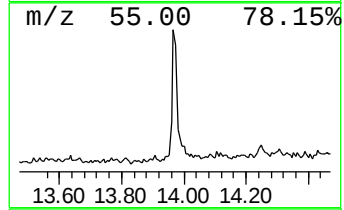
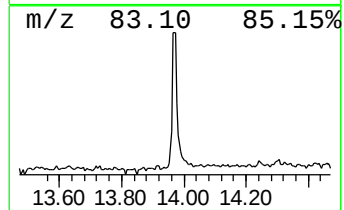
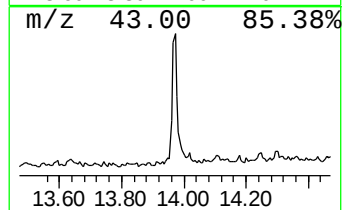
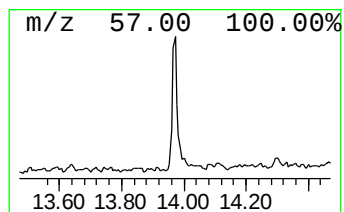
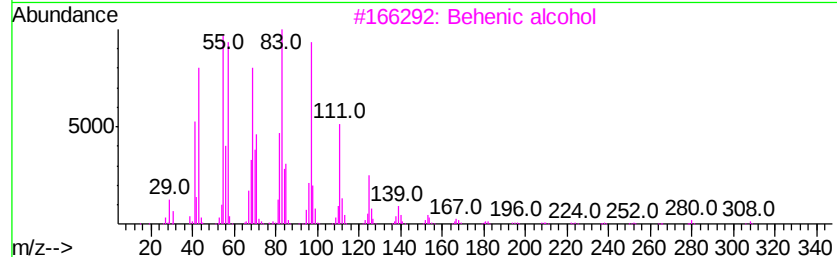
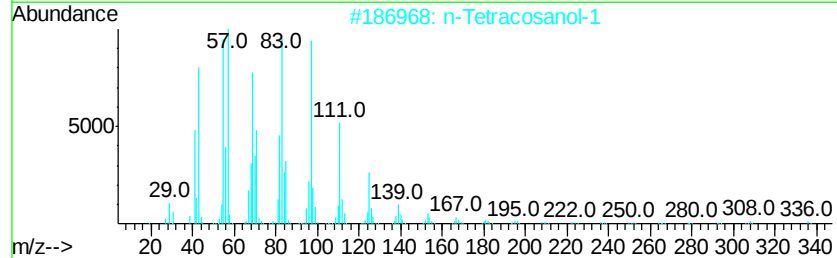
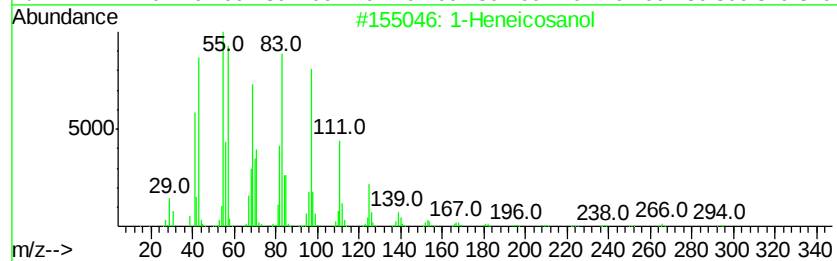
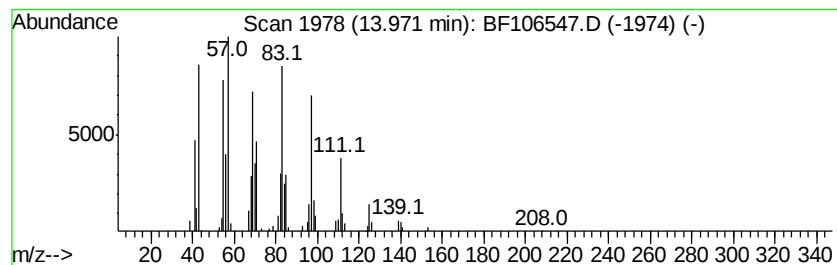
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Heneicosanol Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.97 | 3.83 ng | 144374 | Chrysene-d12     | 14.15 |

| Hit# of | 5                | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------|--------------|-----|---------|-------------|------|
| 1       | 1-Heneicosanol   |              | 312 | C21H44O | 015594-90-8 | 95   |
| 2       | n-Tetracosanol-1 |              | 354 | C24H50O | 000506-51-4 | 94   |
| 3       | Behenic alcohol  |              | 326 | C22H46O | 000661-19-8 | 91   |
| 4       | 1-Heptacosanol   |              | 396 | C27H56O | 002004-39-9 | 91   |
| 5       | n-Nonadecanol-1  |              | 284 | C19H40O | 001454-84-8 | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.21  | 7.4     | ng    | 258351   | 1                     | 6.97  | 700513 | 20.0 |
| unknown6.75          | 6.75  | 72.6    | ng    | 2543340  | 1                     | 6.97  | 700513 | 20.0 |
| Tridecane            | 10.90 | 2.3     | ng    | 80405    | 4                     | 11.50 | 702895 | 20.0 |
| 1-Heneicosanol       | 13.97 | 3.8     | ng    | 144374   | 5                     | 14.15 | 754530 | 20.0 |