

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
 Data File : BF144135.D  
 Acq On : 29 Oct 2025 18:31  
 Operator : RC/JU  
 Sample : Q3466-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B8-0.0-1.0-20251023

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-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144135.D\data.ms

| 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         | 5.092       | 490           | 493         | 506          | rVB      | 10418          | 17625         | 1.46%           | 0.173%        |
| 2         | 5.492       | 556           | 561         | 578          | rBV      | 756964         | 1043128       | 86.26%          | 10.248%       |
| 3         | 6.498       | 727           | 732         | 755          | rBV      | 769351         | 1085593       | 89.77%          | 10.665%       |
| 4         | 6.875       | 791           | 796         | 803          | rBV      | 280749         | 350417        | 28.98%          | 3.443%        |
| 5         | 7.439       | 886           | 892         | 903          | rBV      | 500962         | 683509        | 56.52%          | 6.715%        |
| 6         | 8.157       | 1009          | 1014        | 1029         | rBV      | 335435         | 440163        | 36.40%          | 4.324%        |
| 7         | 9.233       | 1192          | 1197        | 1207         | rBV      | 970710         | 1209318       | 100.00%         | 11.881%       |
| 8         | 9.916       | 1308          | 1313        | 1318         | rBV      | 393155         | 491730        | 40.66%          | 4.831%        |
| 9         | 10.627      | 1429          | 1434        | 1442         | rVB      | 118794         | 150012        | 12.40%          | 1.474%        |
| 10        | 10.704      | 1442          | 1447        | 1463         | rBV      | 579817         | 753919        | 62.34%          | 7.407%        |
| 11        | 10.939      | 1483          | 1487        | 1493         | rVB      | 10050          | 13310         | 1.10%           | 0.131%        |
| 12        | 11.404      | 1561          | 1566        | 1575         | rBV2     | 360057         | 555825        | 45.96%          | 5.461%        |
| 13        | 11.480      | 1575          | 1579        | 1583         | rVB      | 13083          | 16770         | 1.39%           | 0.165%        |
| 14        | 11.639      | 1601          | 1606        | 1614         | rBV2     | 10450          | 22579         | 1.87%           | 0.222%        |
| 15        | 11.927      | 1647          | 1655        | 1662         | rBV2     | 68992          | 130958        | 10.83%          | 1.287%        |
| 16        | 12.021      | 1667          | 1671        | 1680         | rVB3     | 18574          | 38636         | 3.19%           | 0.380%        |
| 17        | 12.545      | 1757          | 1760        | 1766         | rVB      | 10079          | 15093         | 1.25%           | 0.148%        |
| 18        | 12.621      | 1768          | 1773        | 1778         | rBV      | 120527         | 154237        | 12.75%          | 1.515%        |
| 19        | 12.715      | 1786          | 1789        | 1793         | rBV3     | 9968           | 13885         | 1.15%           | 0.136%        |
| 20        | 12.851      | 1806          | 1812        | 1817         | rBV2     | 90648          | 137276        | 11.35%          | 1.349%        |
| 21        | 12.992      | 1829          | 1836        | 1844         | rBV      | 811916         | 1049065       | 86.75%          | 10.306%       |
| 22        | 13.068      | 1845          | 1849        | 1854         | rVV4     | 11469          | 18637         | 1.54%           | 0.183%        |
| 23        | 13.180      | 1860          | 1868        | 1871         | rVB4     | 13198          | 29393         | 2.43%           | 0.289%        |
| 24        | 13.286      | 1882          | 1886        | 1892         | rVB3     | 14204          | 23631         | 1.95%           | 0.232%        |
| 25        | 13.692      | 1951          | 1955        | 1961         | rBV      | 19061          | 26706         | 2.21%           | 0.262%        |
| 26        | 13.804      | 1970          | 1974        | 1976         | rBV2     | 11134          | 16349         | 1.35%           | 0.161%        |
| 27        | 13.904      | 1986          | 1991        | 2000         | rBV3     | 29040          | 68862         | 5.69%           | 0.677%        |
| 28        | 14.051      | 2007          | 2016        | 2029         | rBV3     | 384752         | 764631        | 63.23%          | 7.512%        |
| 29        | 15.098      | 2190          | 2194        | 2202         | rBV      | 69940          | 154410        | 12.77%          | 1.517%        |
| 30        | 15.409      | 2243          | 2247        | 2252         | rBV      | 27828          | 42255         | 3.49%           | 0.415%        |
| 31        | 15.468      | 2254          | 2257        | 2262         | rVV      | 45869          | 75978         | 6.28%           | 0.746%        |
| 32        | 15.539      | 2263          | 2269        | 2289         | rVB      | 292739         | 542857        | 44.89%          | 5.333%        |
| 33        | 15.992      | 2343          | 2346        | 2352         | rBV5     | 10974          | 16922         | 1.40%           | 0.166%        |
| 34        | 17.486      | 2596          | 2600        | 2608         | rVB      | 12590          | 25279         | 2.09%           | 0.248%        |

Sum of corrected areas: 10178958

**Instrument :**

BNA\_F

**ClientSampleId :**

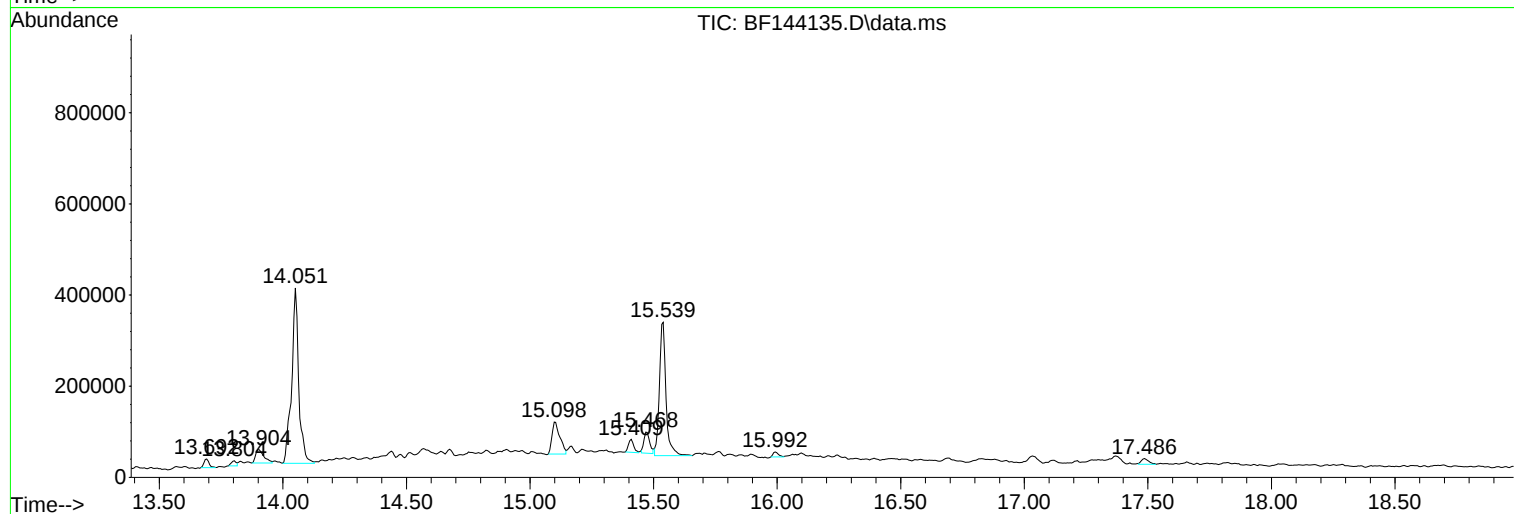
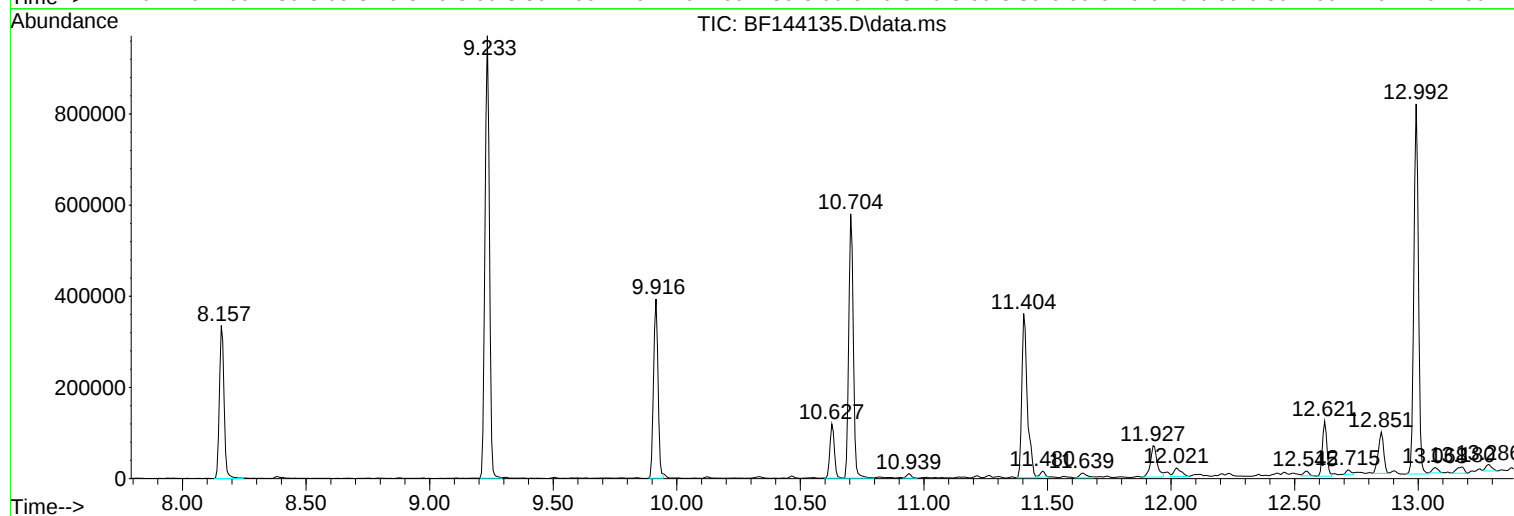
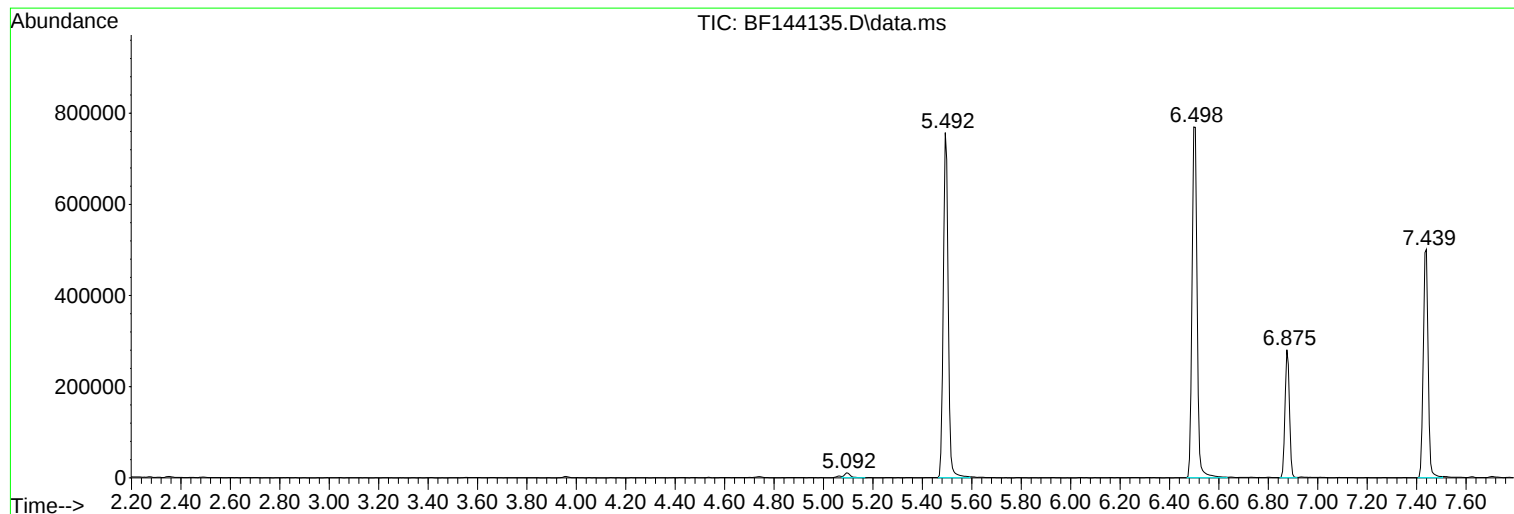
B8-0.0-1.0-20251023

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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B8-0.0-1.0-20251023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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B8-0.0-1.0-20251023

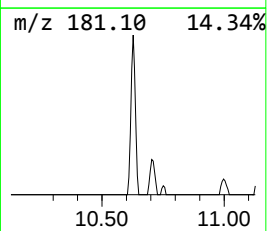
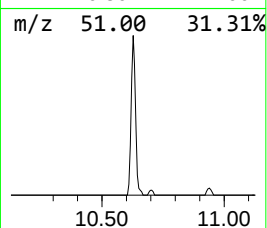
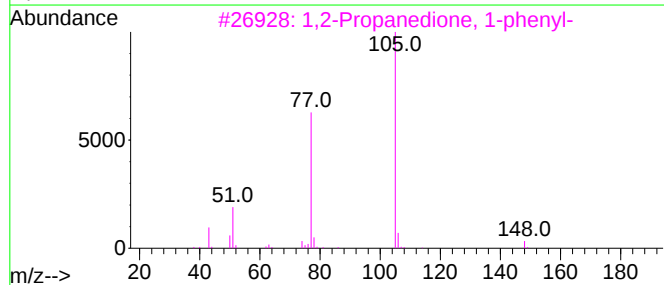
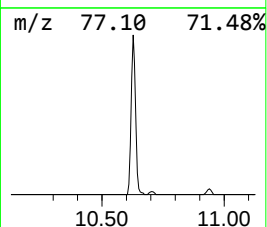
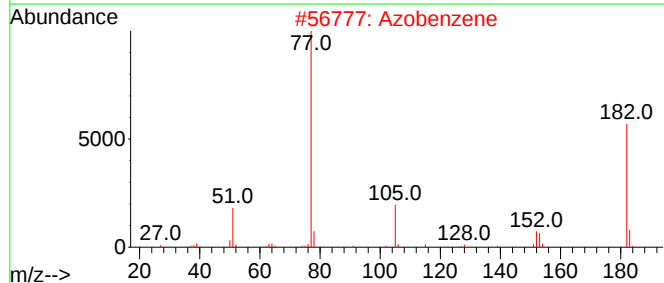
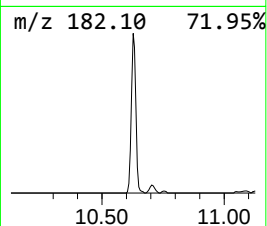
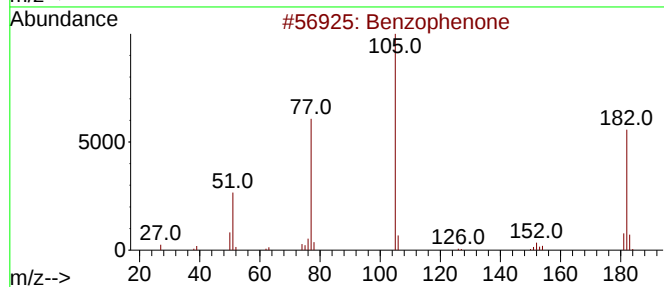
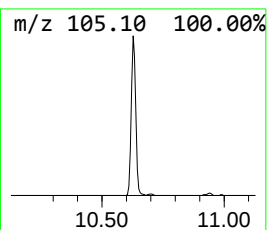
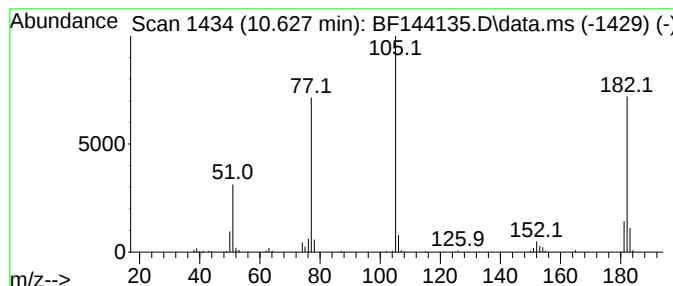
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.627 | 6.10 ng | 150012 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene                         | 182 | C12H10N2 | 000103-33-3 | 64   |
| 3    |    |   | 1,2-Propanedione, 1-phenyl-        | 148 | C9H8O2   | 000579-07-7 | 47   |
| 4    |    |   | Pentafluoroethyl phenyl ketone     | 224 | C9H5F5O  | 000394-52-5 | 47   |
| 5    |    |   | Benzenepropanenitrile, .beta.-oxo- | 145 | C9H7NO   | 000614-16-4 | 47   |



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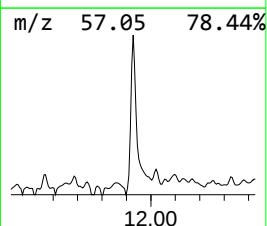
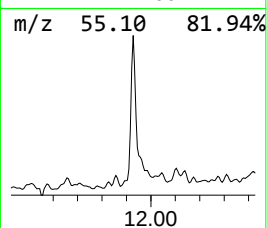
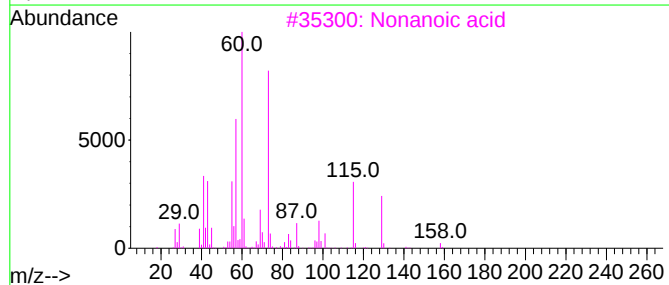
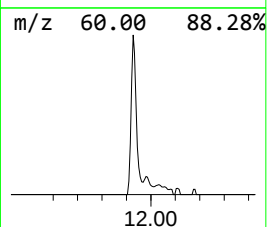
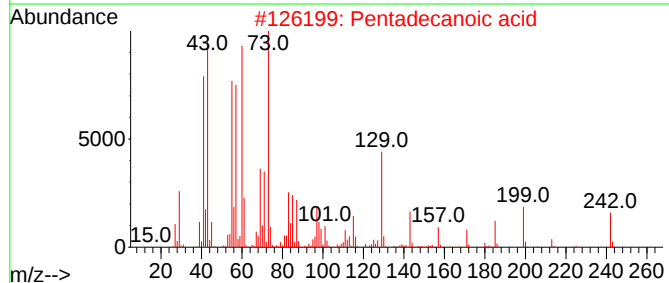
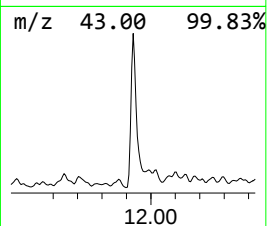
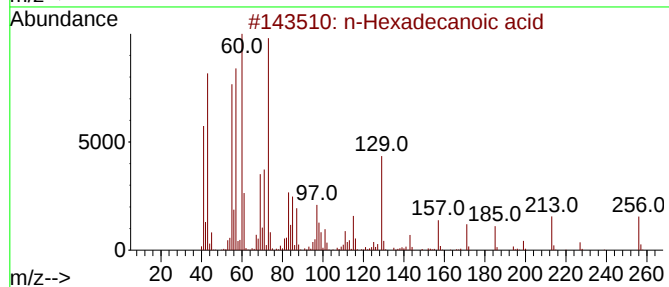
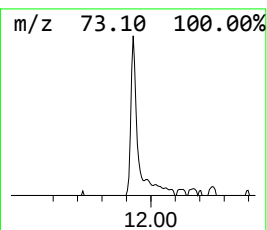
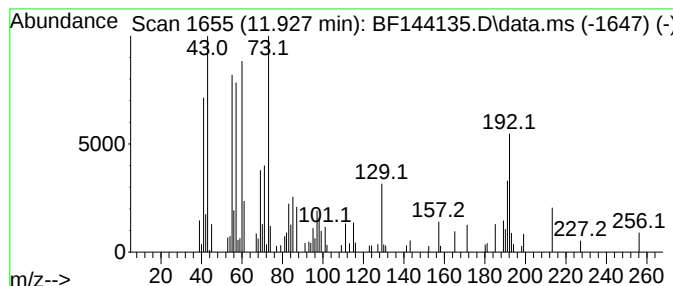
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.927 | 4.71 ng | 130958 | Phenanthrene-d10 | 11.404 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid               | 256 | C16H32O2 | 000057-10-3  | 99   |
| 2    |    |   | Pentadecanoic acid                | 242 | C15H30O2 | 001002-84-2  | 64   |
| 3    |    |   | Nonanoic acid                     | 158 | C9H18O2  | 000112-05-0  | 42   |
| 4    |    |   | Oxalic acid, dodecyl propyl ester | 300 | C17H32O4 | 1000309-26-5 | 18   |
| 5    |    |   | Tetradecane                       | 198 | C14H30   | 000629-59-4  | 15   |



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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.627 | 6.1     | ng    | 150012   | 3                     | 9.916  | 491730 | 20.0 |
| n-Hexadecanoic ... | 11.927 | 4.7     | ng    | 130958   | 4                     | 11.404 | 555825 | 20.0 |