

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060723\  
 Data File : BF133623.D  
 Acq On : 07 Jun 2023 14:15  
 Operator : CG\JU  
 Sample : 03028-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-060223

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-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133623.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         | 5.051       | 500           | 504         | 510          | rBV      | 32002          | 40607         | 1.55%           | 0.207%        |
| 2         | 5.445       | 566           | 571         | 574          | rBV      | 2474492        | 2391989       | 91.31%          | 12.203%       |
| 3         | 6.463       | 738           | 744         | 747          | rBV      | 2363237        | 2419949       | 92.38%          | 12.345%       |
| 4         | 6.834       | 803           | 807         | 810          | rBV      | 1050477        | 793842        | 30.30%          | 4.050%        |
| 5         | 7.398       | 898           | 903         | 906          | rBV      | 1802687        | 1538096       | 58.72%          | 7.847%        |
| 6         | 8.116       | 1022          | 1025        | 1029         | rBV      | 1235288        | 978390        | 37.35%          | 4.991%        |
| 7         | 9.192       | 1204          | 1208        | 1211         | rBV      | 2993894        | 2619518       | 100.00%         | 13.364%       |
| 8         | 9.733       | 1297          | 1300        | 1304         | rBV      | 39561          | 36322         | 1.39%           | 0.185%        |
| 9         | 9.875       | 1320          | 1324        | 1327         | rVB      | 1161325        | 937307        | 35.78%          | 4.782%        |
| 10        | 10.422      | 1414          | 1417        | 1423         | rVB2     | 23372          | 30650         | 1.17%           | 0.156%        |
| 11        | 10.586      | 1441          | 1445        | 1448         | rBV      | 121427         | 101699        | 3.88%           | 0.519%        |
| 12        | 10.663      | 1454          | 1458        | 1461         | rBV      | 1616005        | 1382905       | 52.79%          | 7.055%        |
| 13        | 10.786      | 1475          | 1479        | 1486         | rVB4     | 38632          | 58794         | 2.24%           | 0.300%        |
| 14        | 11.227      | 1549          | 1554        | 1557         | rBV3     | 29845          | 39698         | 1.52%           | 0.203%        |
| 15        | 11.257      | 1557          | 1559        | 1564         | rVB      | 42634          | 40782         | 1.56%           | 0.208%        |
| 16        | 11.363      | 1573          | 1577        | 1579         | rBV      | 1035624        | 848368        | 32.39%          | 4.328%        |
| 17        | 11.386      | 1579          | 1581        | 1584         | rVV      | 181327         | 142045        | 5.42%           | 0.725%        |
| 18        | 11.433      | 1587          | 1589        | 1592         | rVB      | 52376          | 45091         | 1.72%           | 0.230%        |
| 19        | 11.863      | 1660          | 1662        | 1664         | rBV      | 36463          | 35581         | 1.36%           | 0.182%        |
| 20        | 11.892      | 1664          | 1667        | 1671         | rVV      | 261208         | 242653        | 9.26%           | 1.238%        |
| 21        | 11.974      | 1678          | 1681        | 1683         | rBV      | 70199          | 63980         | 2.44%           | 0.326%        |
| 22        | 11.998      | 1683          | 1685        | 1690         | rVB      | 34994          | 32146         | 1.23%           | 0.164%        |
| 23        | 12.416      | 1753          | 1756        | 1758         | rBV      | 53577          | 51799         | 1.98%           | 0.264%        |
| 24        | 12.451      | 1759          | 1762        | 1764         | rVV3     | 47113          | 49631         | 1.89%           | 0.253%        |
| 25        | 12.498      | 1767          | 1770        | 1773         | rBV3     | 34601          | 36475         | 1.39%           | 0.186%        |
| 26        | 12.574      | 1780          | 1783        | 1788         | rBV      | 364002         | 308270        | 11.77%          | 1.573%        |
| 27        | 12.674      | 1797          | 1800        | 1804         | rBV3     | 66631          | 79958         | 3.05%           | 0.408%        |
| 28        | 12.804      | 1817          | 1822        | 1825         | rBV      | 367501         | 363163        | 13.86%          | 1.853%        |
| 29        | 12.951      | 1843          | 1847        | 1851         | rBV      | 2264164        | 2063849       | 78.79%          | 10.529%       |
| 30        | 13.133      | 1876          | 1878        | 1882         | rVB2     | 80667          | 69691         | 2.66%           | 0.356%        |
| 31        | 13.239      | 1893          | 1896        | 1899         | rBV2     | 50085          | 59181         | 2.26%           | 0.302%        |
| 32        | 14.004      | 2022          | 2026        | 2029         | rBV2     | 695191         | 814935        | 31.11%          | 4.157%        |
| 33        | 14.033      | 2029          | 2031        | 2033         | rVB      | 143296         | 102573        | 3.92%           | 0.523%        |
| 34        | 15.045      | 2200          | 2203        | 2207         | rBV      | 139940         | 199484        | 7.62%           | 1.018%        |
| 35        | 15.410      | 2262          | 2265        | 2271         | rVB      | 104560         | 139769        | 5.34%           | 0.713%        |
| 36        | 15.474      | 2272          | 2276        | 2279         | rBV      | 372721         | 442810        | 16.90%          | 2.259%        |

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :  
OR-02-060223

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-BF052523.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

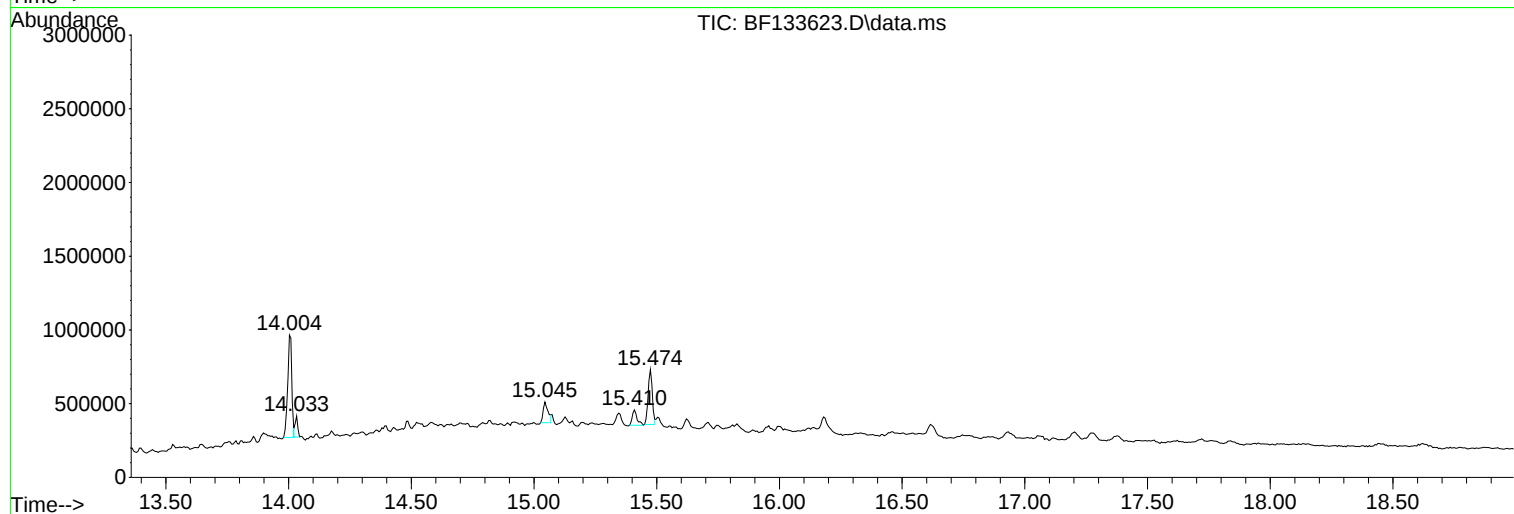
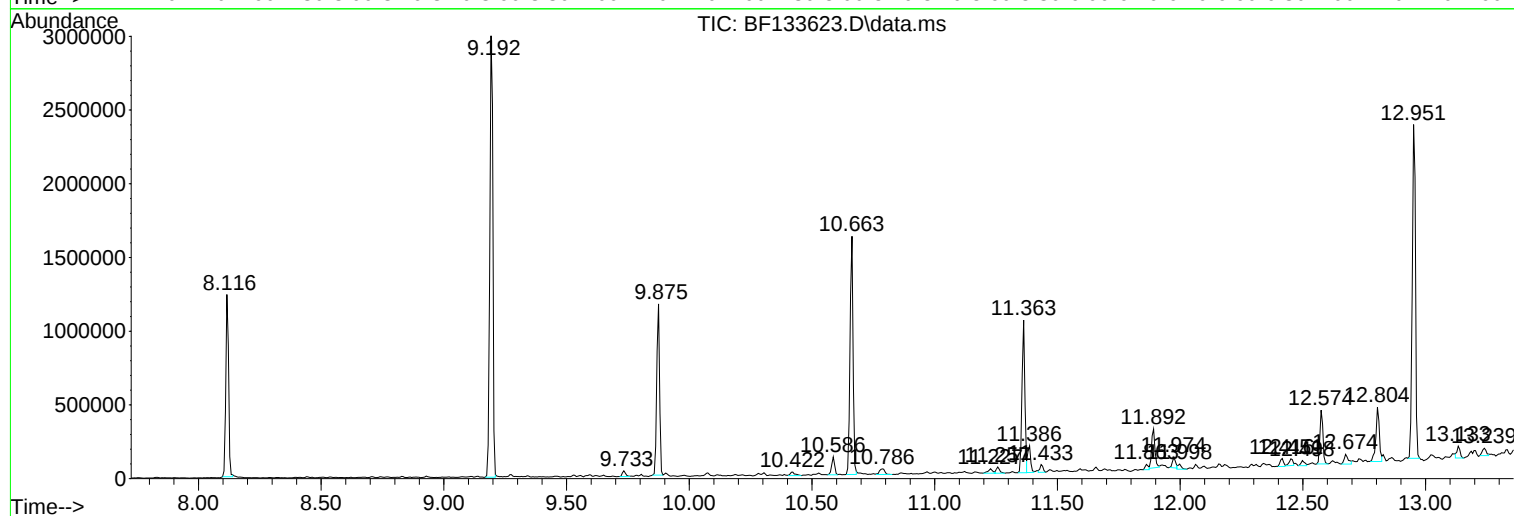
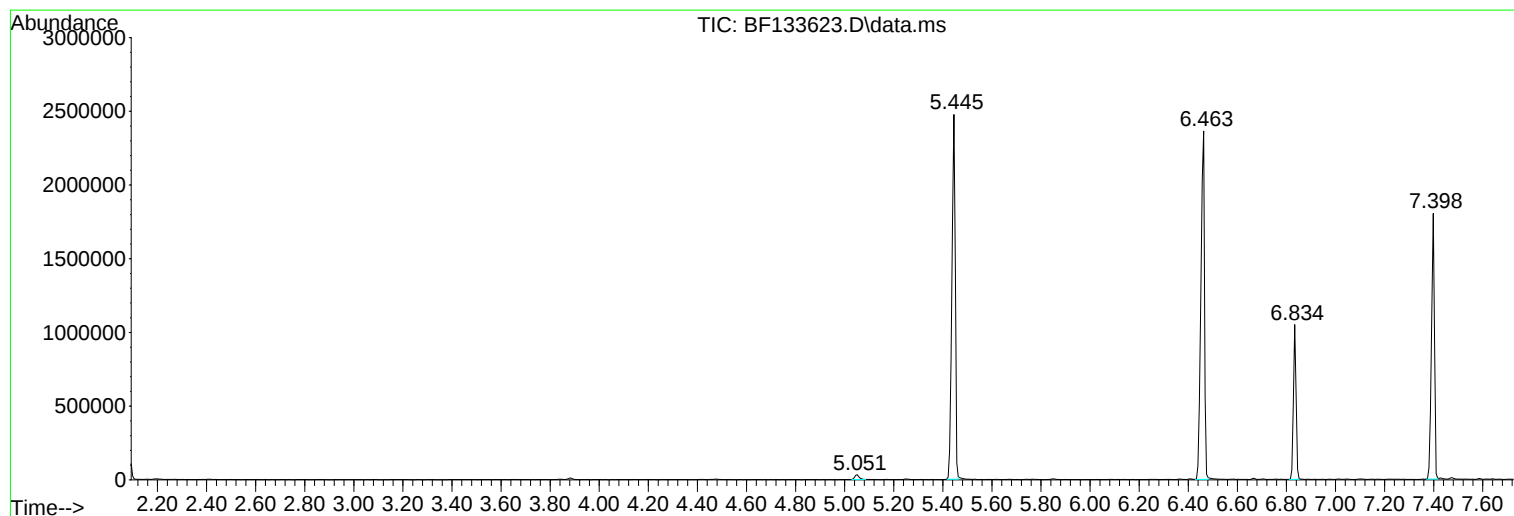
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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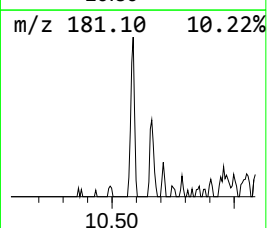
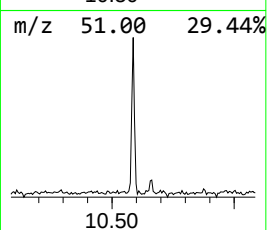
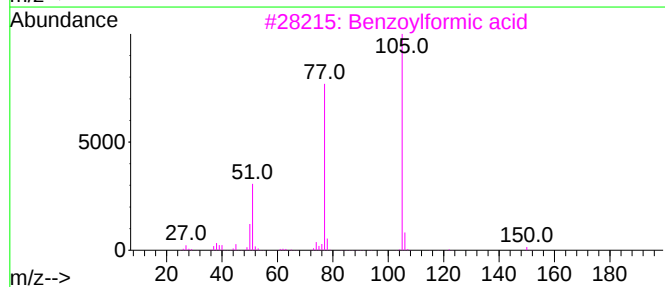
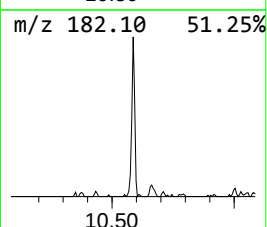
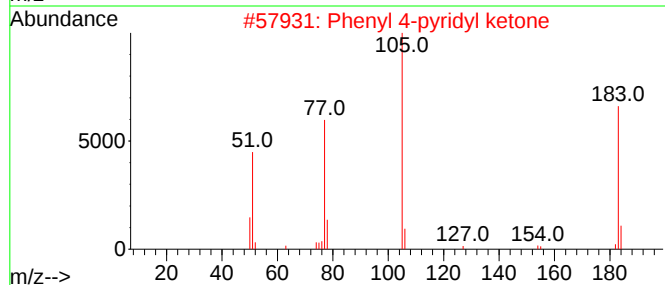
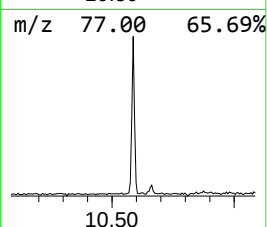
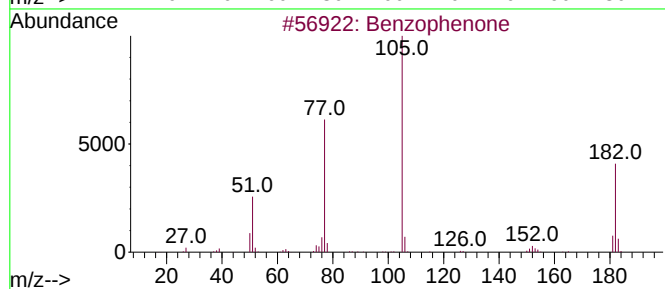
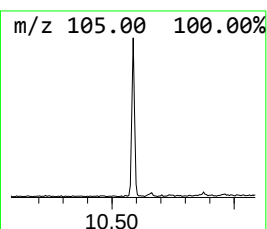
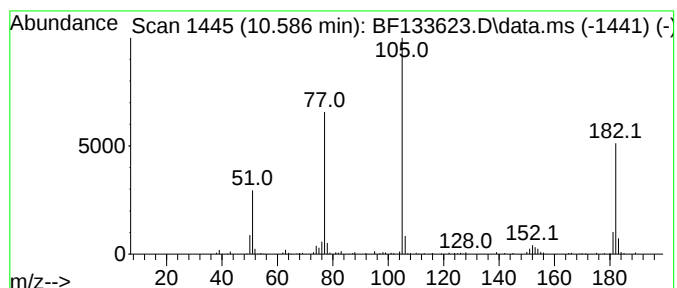
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.586 | 2.17 ng | 101699 | Acenaphthene-d10 | 9.875 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzophenone            | 182 | C13H10O   | 000119-61-9 | 97   |
| 2    |    |   | Phenyl 4-pyridyl ketone | 183 | C12H9NO   | 014548-46-0 | 53   |
| 3    |    |   | Benzoylformic acid      | 150 | C8H6O3    | 000611-73-4 | 49   |
| 4    |    |   | Acetophenone, 2-chloro- | 154 | C8H7ClO   | 000532-27-4 | 49   |
| 5    |    |   | .beta.-Benzilmonoxime   | 225 | C14H11NO2 | 014090-77-8 | 47   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

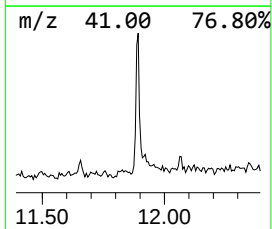
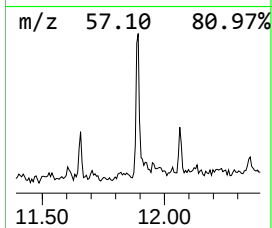
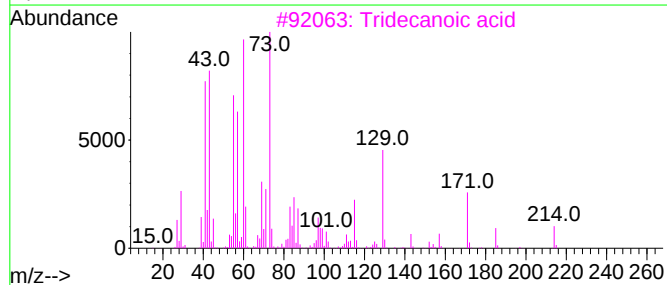
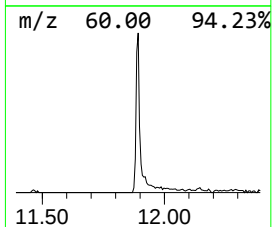
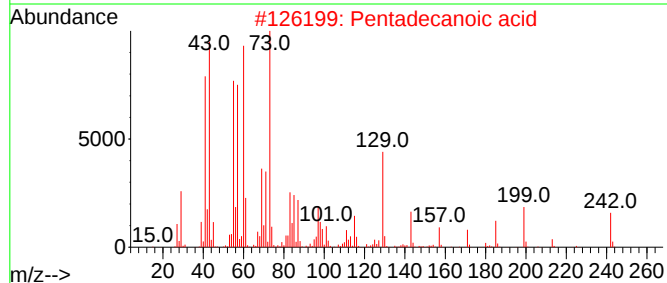
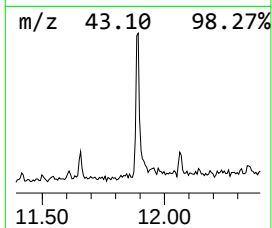
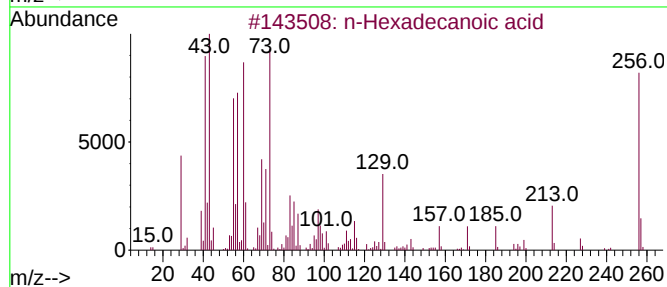
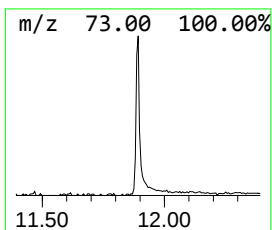
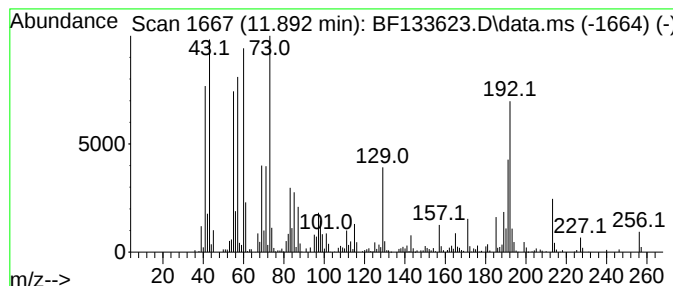
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.892 | 5.72 ng | 242653 | Phenanthrene-d10 | 11.363 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 86   |
| 3    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 4    |      | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 60   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.586 | 2.2     | ng    | 101699   | 3                     | 9.875  | 937307 | 20.0 |
| n-Hexadecanoic ... | 11.892 | 5.7     | ng    | 242653   | 4                     | 11.363 | 848368 | 20.0 |