

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041221\  
 Data File : BG048666.D  
 Acq On : 12 Apr 2021 18:32  
 Operator : CG/JU  
 Sample : M1967-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB 2021-04-06\_SED

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\_G\METHODS\8270-BG033021.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048666.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         | 5.641       | 386           | 392         | 398          | rBV      | 159089         | 249437        | 11.86%          | 3.956%        |
| 2         | 7.245       | 658           | 665         | 675          | rVB2     | 89335          | 165953        | 7.89%           | 2.632%        |
| 3         | 8.091       | 802           | 809         | 815          | rBV2     | 69004          | 117900        | 5.61%           | 1.870%        |
| 4         | 9.260       | 1001          | 1008        | 1016         | rBV      | 251695         | 440160        | 20.93%          | 6.981%        |
| 5         | 10.917      | 1282          | 1290        | 1299         | rBV      | 79148          | 143429        | 6.82%           | 2.275%        |
| 6         | 13.361      | 1699          | 1706        | 1713         | rBV      | 574311         | 867030        | 41.23%          | 13.750%       |
| 7         | 13.626      | 1745          | 1751        | 1756         | rVB3     | 12563          | 21095         | 1.00%           | 0.335%        |
| 8         | 14.742      | 1935          | 1941        | 1949         | rBV      | 116620         | 190149        | 9.04%           | 3.016%        |
| 9         | 16.234      | 2187          | 2195        | 2208         | rBV      | 633807         | 980604        | 46.63%          | 15.551%       |
| 10        | 17.498      | 2404          | 2410        | 2418         | rBV      | 213640         | 327370        | 15.57%          | 5.192%        |
| 11        | 18.373      | 2556          | 2559        | 2567         | rBV3     | 29638          | 46507         | 2.21%           | 0.738%        |
| 12        | 20.106      | 2848          | 2854        | 2860         | rBV      | 1646967        | 2102929       | 100.00%         | 33.351%       |
| 13        | 21.411      | 3072          | 3076        | 3082         | rBV4     | 41285          | 61321         | 2.92%           | 0.972%        |
| 14        | 21.792      | 3135          | 3141        | 3150         | rBV      | 205913         | 351739        | 16.73%          | 5.578%        |
| 15        | 25.136      | 3701          | 3710        | 3721         | rBV2     | 81371          | 239906        | 11.41%          | 3.805%        |

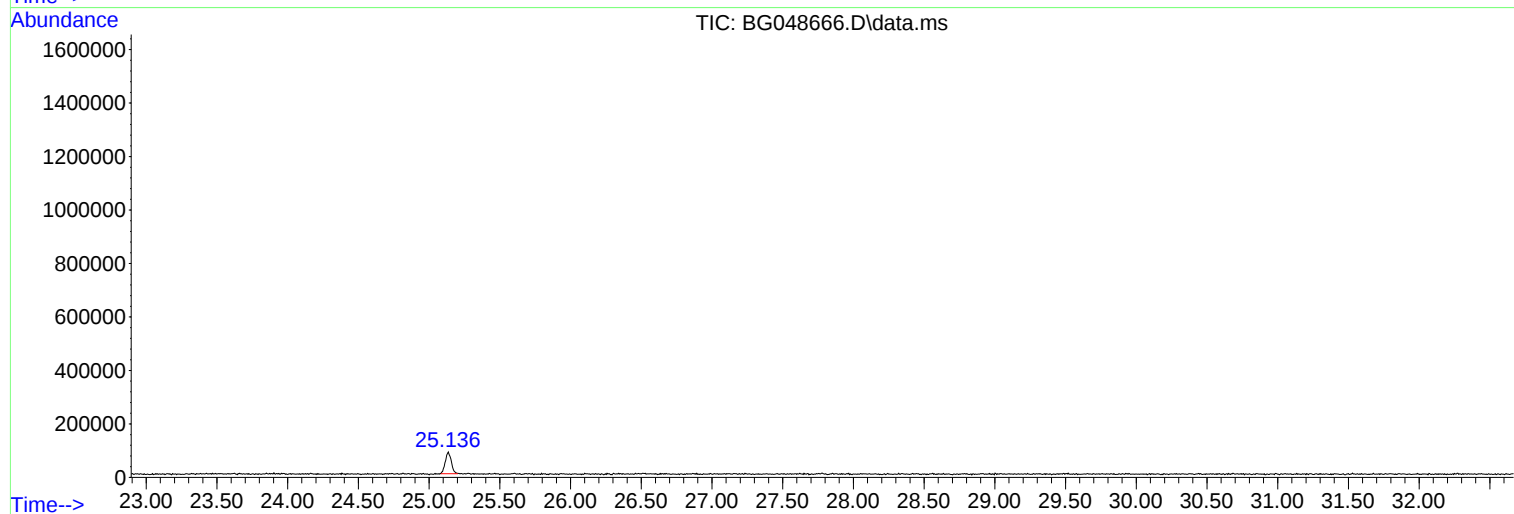
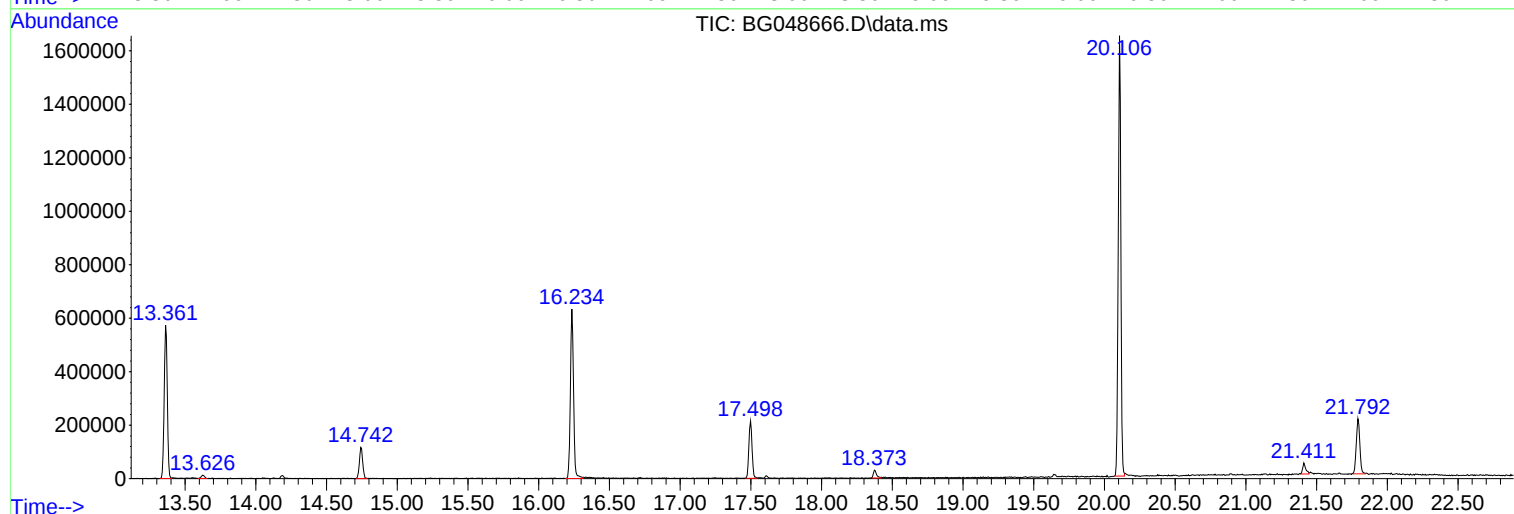
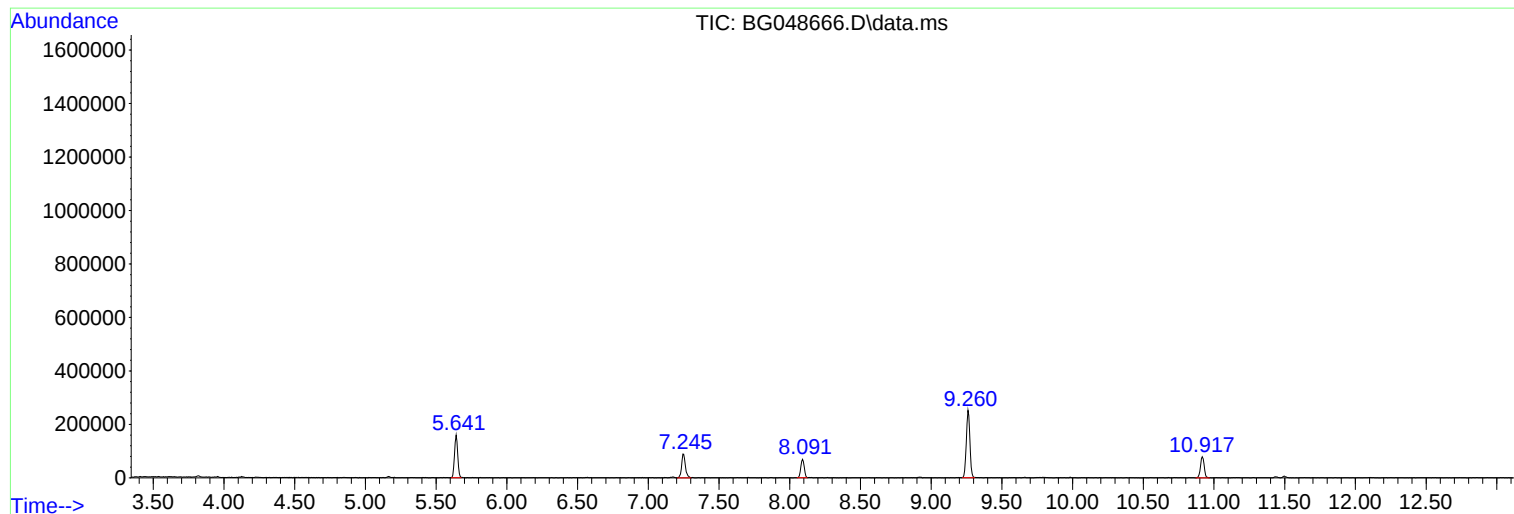
Sum of corrected areas: 6305529

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.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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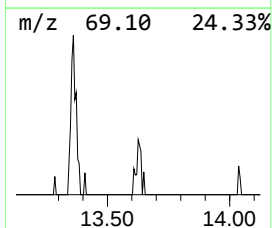
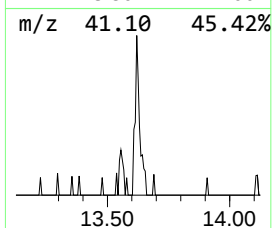
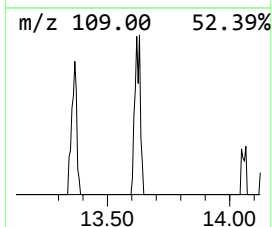
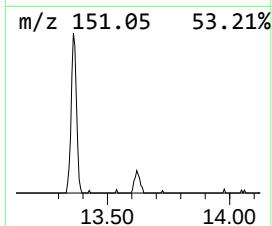
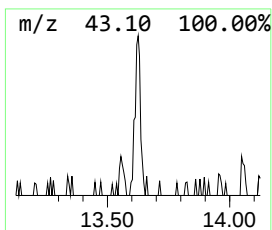
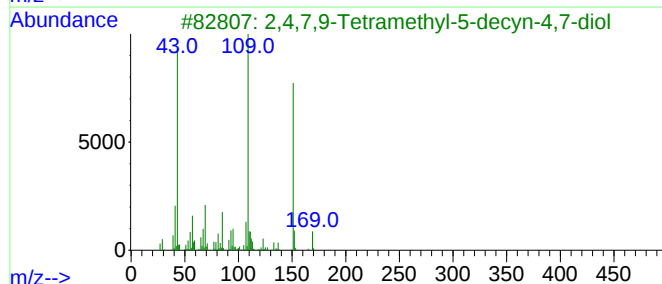
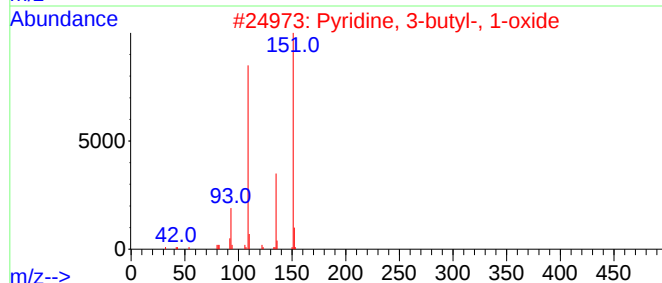
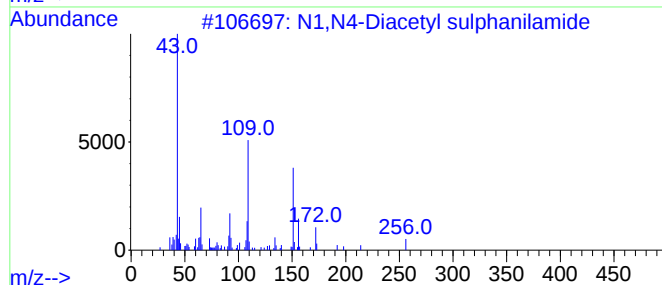
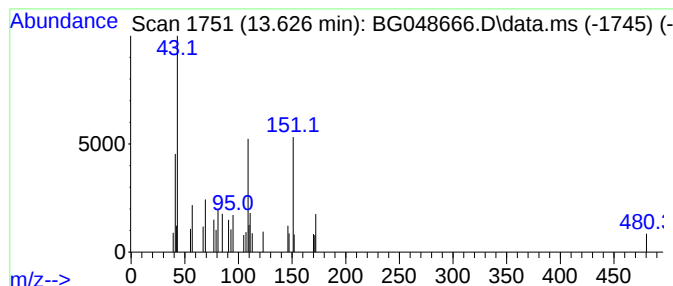
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 N1,N4-Diacetyl sulphanilamide Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.626 | 2.22 ng | 21095 | Acenaphthene-d10 | 14.742 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | N1,N4-Diacetyl sulphanilamide        | 256 | C10H12N2O4S | 005626-90-4 | 53   |
| 2    |    |   | Pyridine, 3-butyl-, 1-oxide          | 151 | C9H13NO     | 031396-33-5 | 43   |
| 3    |    |   | 2,4,7,9-Tetramethyl-5-decyn-4,7-...  | 226 | C14H26O2    | 000126-86-3 | 40   |
| 4    |    |   | 1(3H)-Isobenzofuranone, 3a,4,5,7-... | 182 | C10H14O3    | 054346-06-4 | 38   |
| 5    |    |   | 4-Pyridinemethanol, acetate (ester)  | 151 | C8H9NO2     | 001007-48-3 | 37   |



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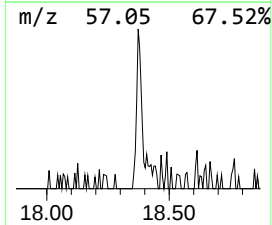
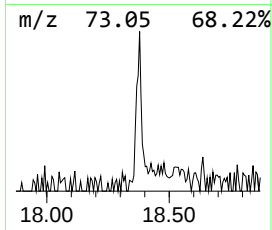
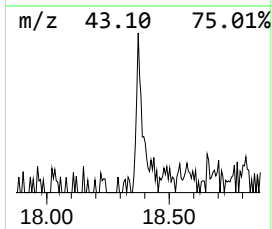
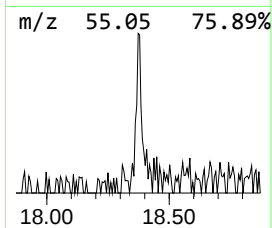
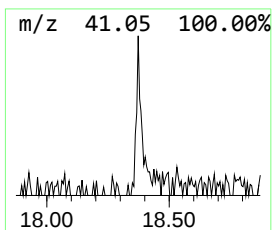
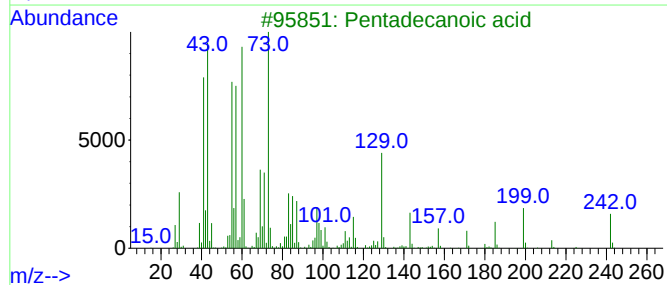
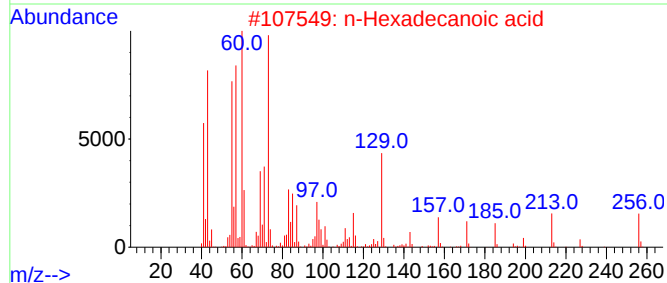
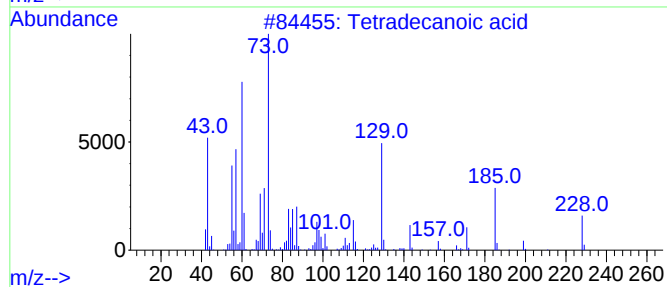
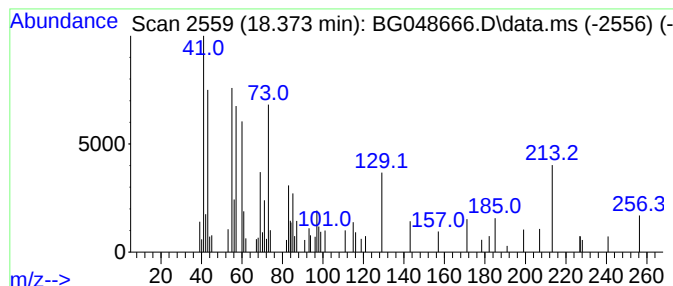
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Peak Number 2 unknown18.373 Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.373 | 2.84 ng | 46507 | Phenanthrene-d10 | 17.497 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 46   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 43   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 38   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 30   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 22   |



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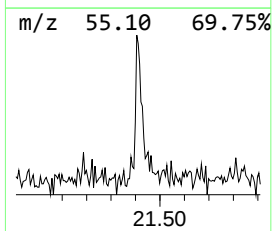
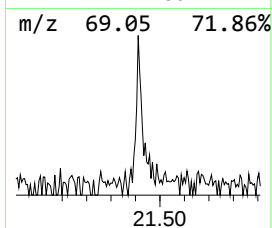
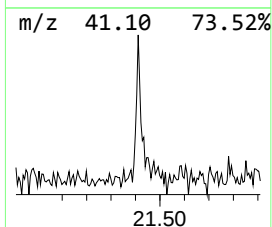
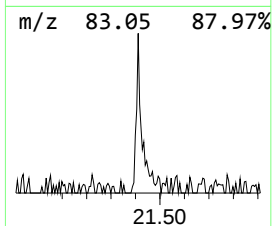
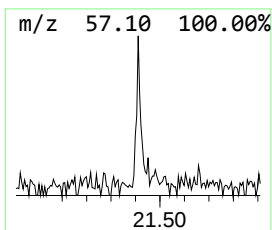
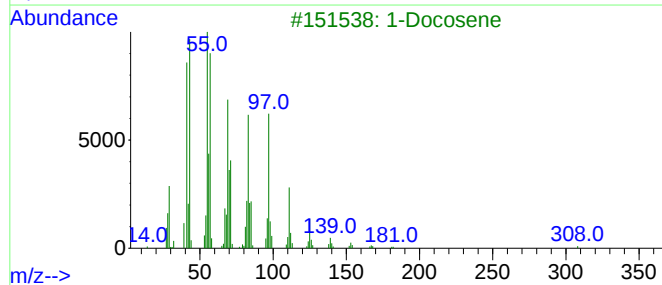
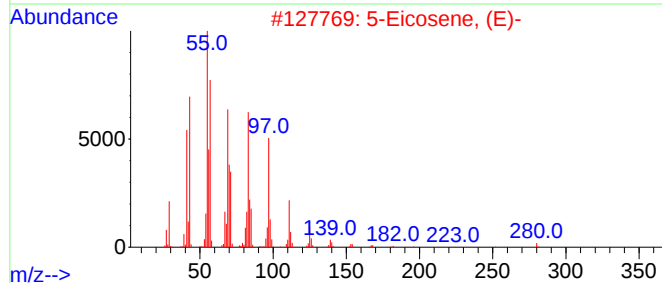
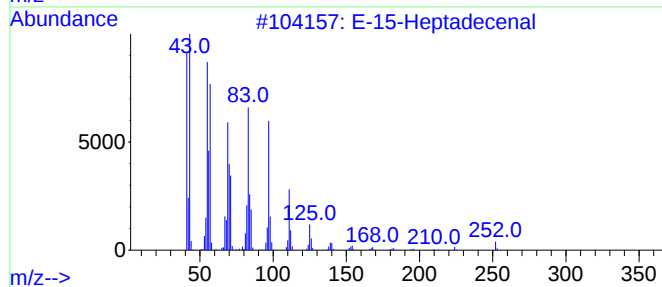
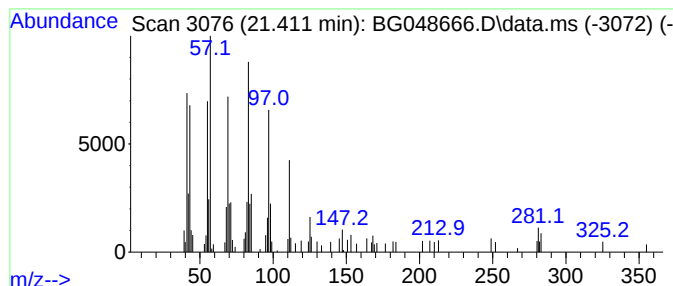
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 E-15-Heptadecenal Concentration Rank 1

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 21.411 | 3.49 ng | 61321 | Chrysene-d12     | 21.793 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|--------------|------|
| 1    | E-15-Heptadecenal                   |   |              | 252 | C17H32O     | 1000130-97-9 | 90   |
| 2    | 5-Eicosene, (E)-                    |   |              | 280 | C20H40      | 074685-30-6  | 86   |
| 3    | 1-Docosene                          |   |              | 308 | C22H44      | 001599-67-3  | 80   |
| 4    | 1-Eicosene                          |   |              | 280 | C20H40      | 003452-07-1  | 78   |
| 5    | Trichloroacetic acid, tetradecyl... |   |              | 358 | C16H29Cl3O2 | 074339-52-9  | 72   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| N1,N4-Diacetyl ... | 13.626 | 2.2     | ng    | 21095    | 3                     | 14.742 | 190149 | 20.0 |
| unknown18.373      | 18.373 | 2.8     | ng    | 46507    | 4                     | 17.497 | 327370 | 20.0 |
| E-15-Heptadecenal  | 21.411 | 3.5     | ng    | 61321    | 5                     | 21.793 | 351739 | 20.0 |