

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051122\  
 Data File : BF128206.D  
 Acq On : 11 May 2022 20:45  
 Operator : CG\JU  
 Sample : N2762-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB15

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-BF050922.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128206.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         | 5.134       | 480           | 484         | 495          | rVB      | 34521          | 46756         | 2.08%           | 0.322%        |
| 2         | 5.516       | 545           | 549         | 567          | rVB      | 1942401        | 1880370       | 83.65%          | 12.951%       |
| 3         | 6.522       | 715           | 720         | 723          | rBV      | 1880625        | 1885838       | 83.89%          | 12.989%       |
| 4         | 6.892       | 779           | 783         | 786          | rBV      | 595246         | 500422        | 22.26%          | 3.447%        |
| 5         | 7.457       | 874           | 879         | 882          | rBV      | 1381435        | 1312036       | 58.36%          | 9.037%        |
| 6         | 8.175       | 997           | 1001        | 1004         | rBV      | 762186         | 635327        | 28.26%          | 4.376%        |
| 7         | 9.251       | 1178          | 1184        | 1187         | rBV      | 2537583        | 2247998       | 100.00%         | 15.484%       |
| 8         | 9.933       | 1293          | 1300        | 1303         | rBV      | 788506         | 702035        | 31.23%          | 4.835%        |
| 9         | 10.722      | 1430          | 1434        | 1443         | rBV      | 1456705        | 1337156       | 59.48%          | 9.210%        |
| 10        | 11.422      | 1549          | 1553        | 1556         | rBV      | 797713         | 659627        | 29.34%          | 4.543%        |
| 11        | 11.798      | 1614          | 1617        | 1621         | rBV      | 49522          | 41509         | 1.85%           | 0.286%        |
| 12        | 11.939      | 1636          | 1641        | 1646         | rBV5     | 32347          | 48122         | 2.14%           | 0.331%        |
| 13        | 12.639      | 1757          | 1760        | 1763         | rBV      | 36457          | 32753         | 1.46%           | 0.226%        |
| 14        | 12.868      | 1793          | 1799        | 1801         | rBV      | 45407          | 43503         | 1.94%           | 0.300%        |
| 15        | 13.010      | 1818          | 1823        | 1826         | rBV      | 2072266        | 1753785       | 78.02%          | 12.080%       |
| 16        | 13.563      | 1914          | 1917        | 1920         | rBV2     | 33522          | 36517         | 1.62%           | 0.252%        |
| 17        | 13.898      | 1971          | 1974        | 1976         | rVB      | 35969          | 29715         | 1.32%           | 0.205%        |
| 18        | 13.939      | 1976          | 1981        | 1994         | rBV6     | 51372          | 180143        | 8.01%           | 1.241%        |
| 19        | 14.033      | 1994          | 1997        | 1999         | rBV      | 77830          | 61715         | 2.75%           | 0.425%        |
| 20        | 14.068      | 1999          | 2003        | 2006         | rBV      | 486566         | 447082        | 19.89%          | 3.079%        |
| 21        | 14.157      | 2016          | 2018        | 2024         | rVB      | 35959          | 34875         | 1.55%           | 0.240%        |
| 22        | 14.210      | 2024          | 2027        | 2030         | rBV      | 40257          | 38338         | 1.71%           | 0.264%        |
| 23        | 14.515      | 2076          | 2079        | 2082         | rBV      | 52394          | 45798         | 2.04%           | 0.315%        |
| 24        | 15.174      | 2188          | 2191        | 2196         | rVB      | 47466          | 55554         | 2.47%           | 0.383%        |
| 25        | 15.562      | 2252          | 2257        | 2270         | rVB2     | 345308         | 461598        | 20.53%          | 3.179%        |

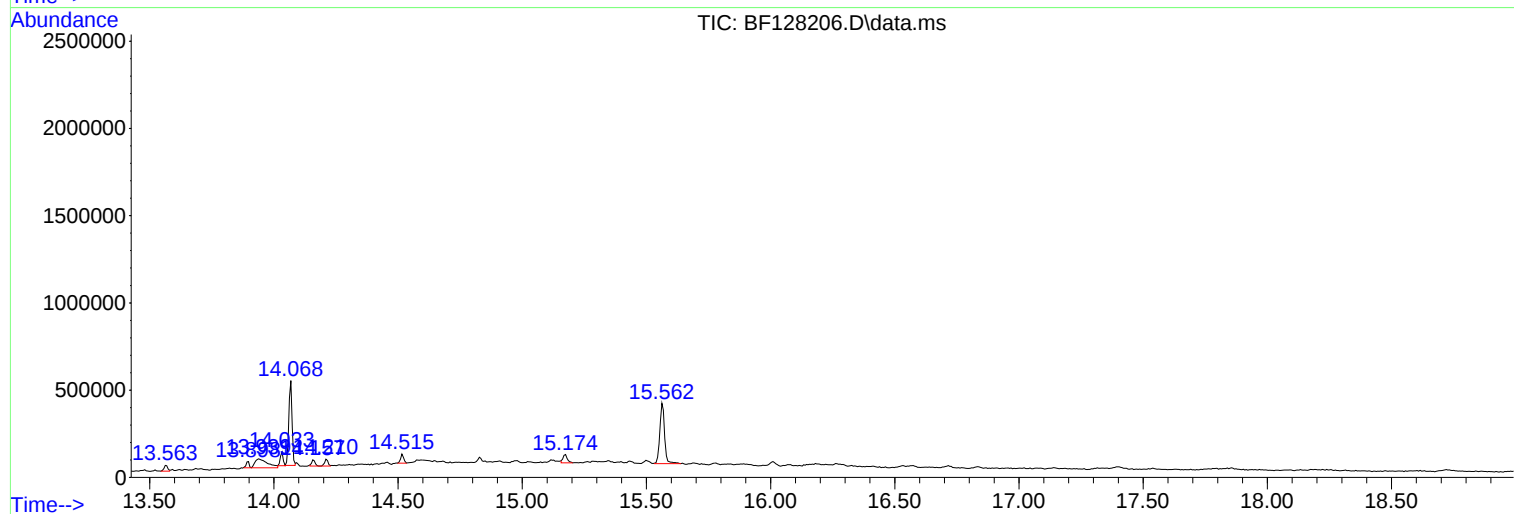
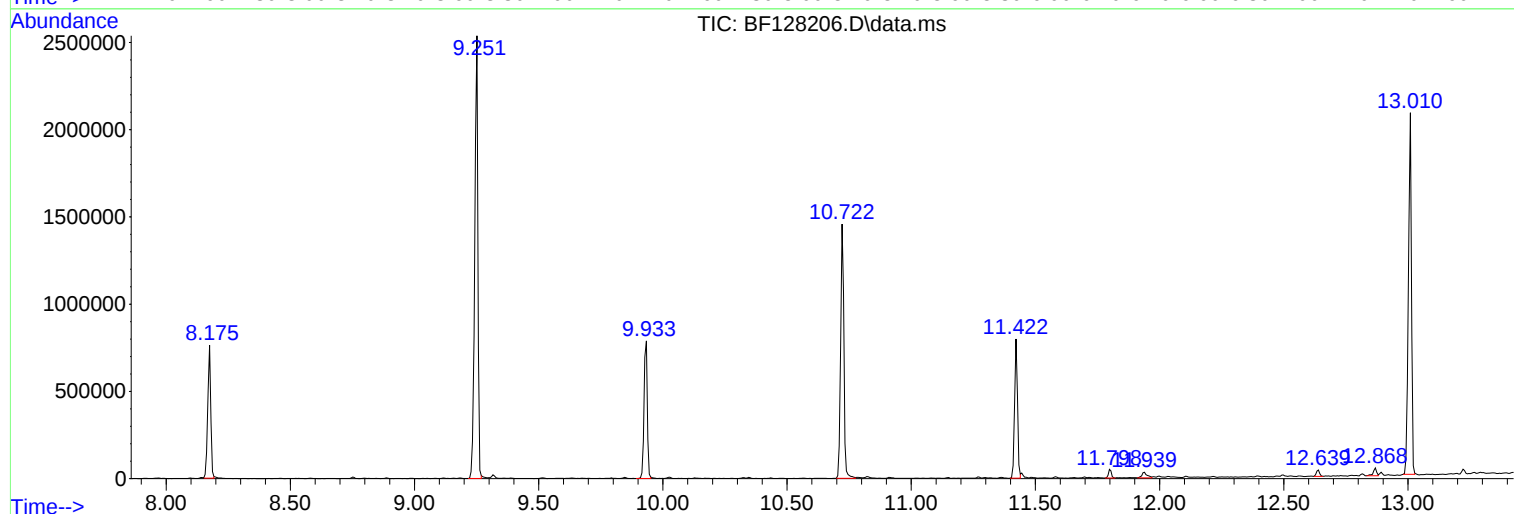
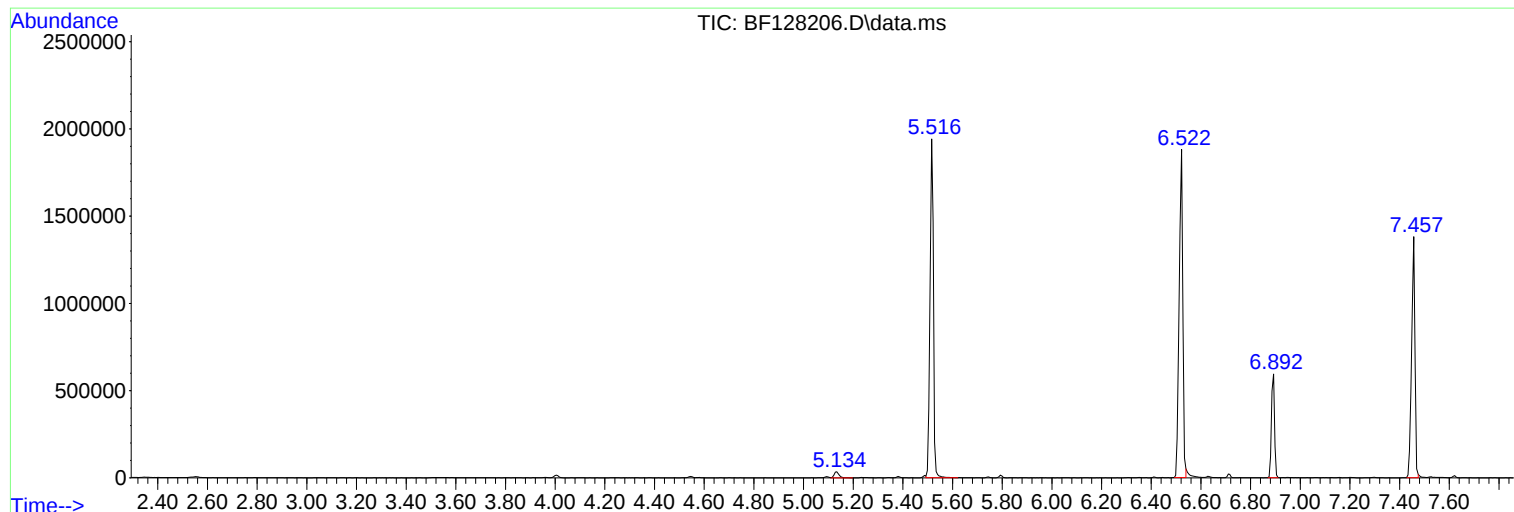
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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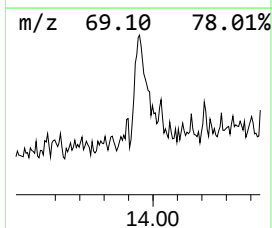
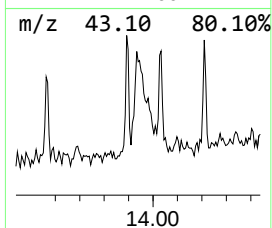
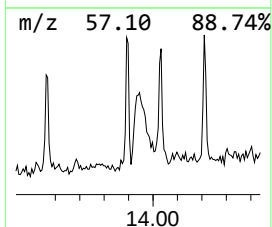
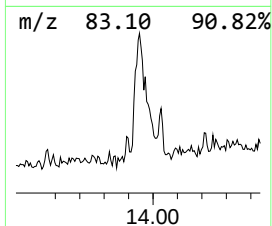
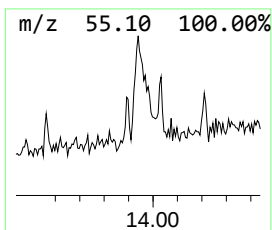
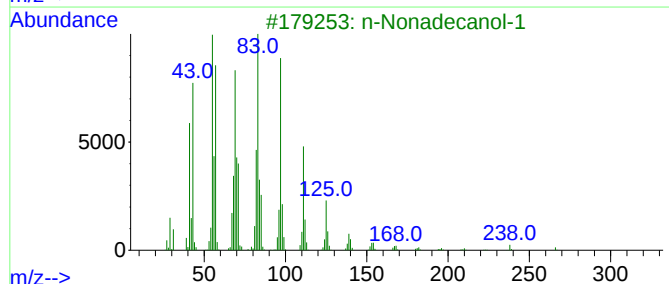
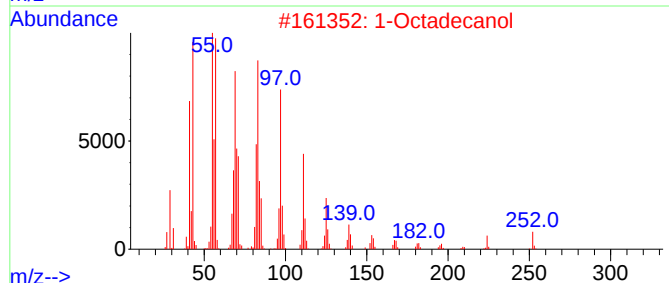
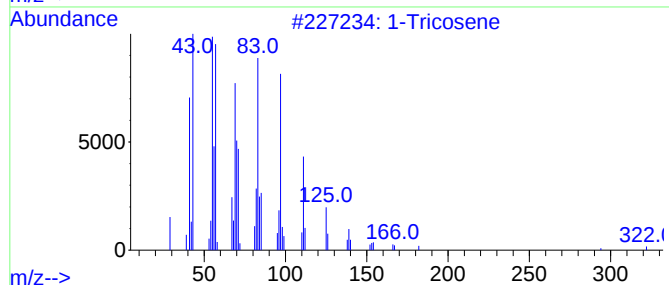
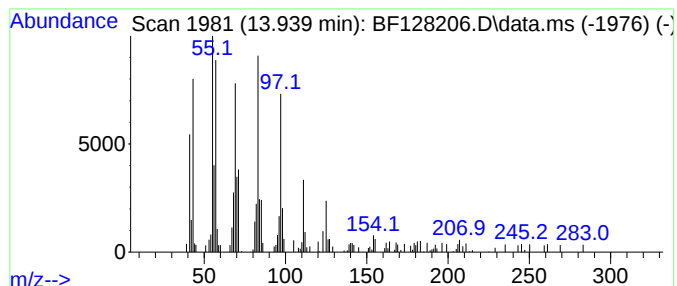
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 1-Tricosene Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.939 | 8.06 ng | 180143 | Chrysene-d12     | 14.068 |

| Hit# | of                                | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-----------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Tricosene                       |   |              | 322 | C23H46     | 018835-32-0  | 91   |
| 2    | 1-Octadecanol                     |   |              | 270 | C18H38O    | 000112-92-5  | 91   |
| 3    | n-Nonadecanol-1                   |   |              | 284 | C19H40O    | 001454-84-8  | 91   |
| 4    | Bromoacetic acid, hexadecyl ester |   |              | 362 | C18H35BrO2 | 005454-48-8  | 91   |
| 5    | Eicosyl methyl ether              |   |              | 312 | C21H44O    | 1000406-29-4 | 90   |



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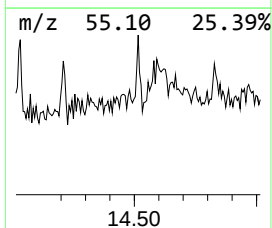
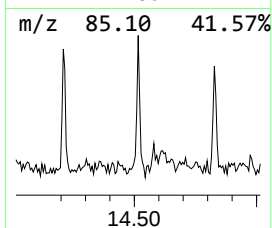
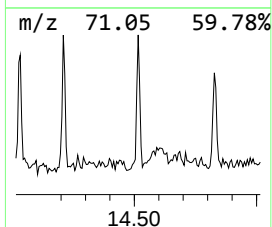
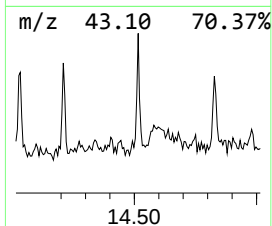
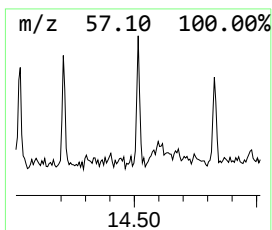
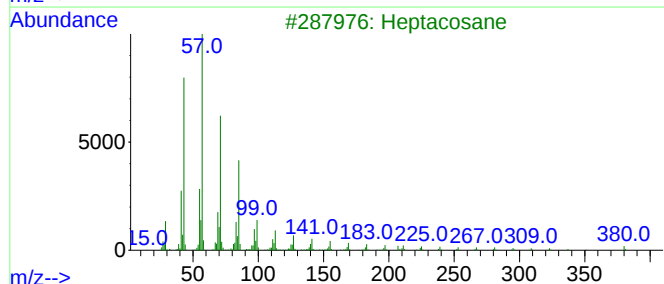
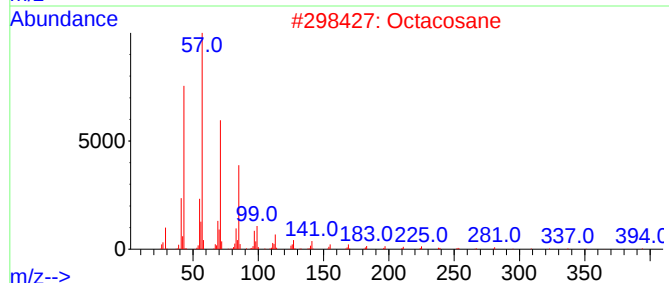
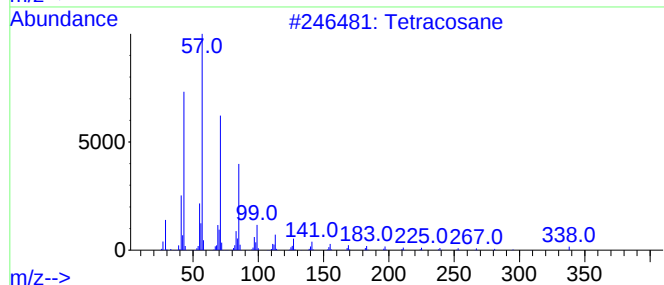
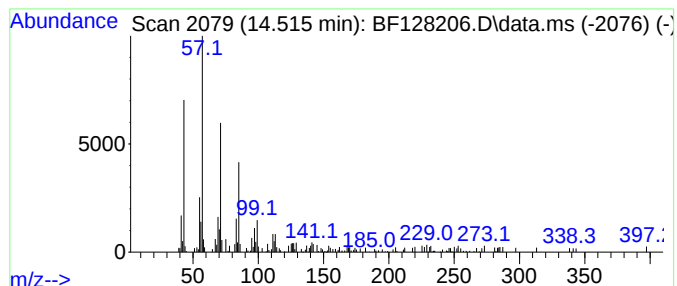
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Peak Number 2 Tetracosane Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.515 | 2.05 ng | 45798 | Chrysene-d12     | 14.068 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetracosane                         | 338 | C24H50    | 000646-31-1  | 95   |
| 2    |    |   | Octacosane                          | 394 | C28H58    | 000630-02-4  | 90   |
| 3    |    |   | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 87   |
| 4    |    |   | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 87   |
| 5    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 87   |



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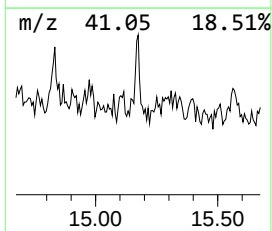
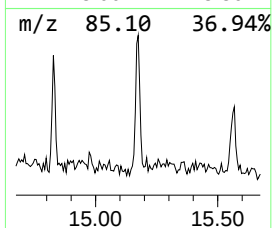
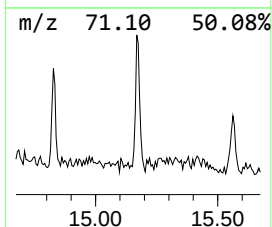
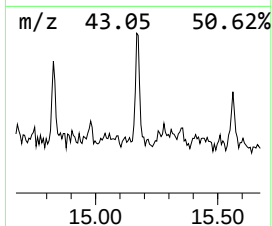
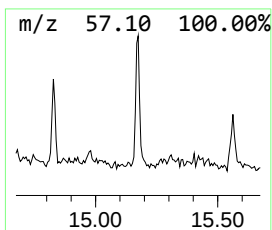
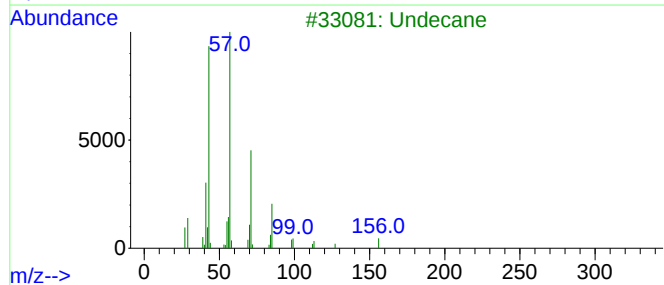
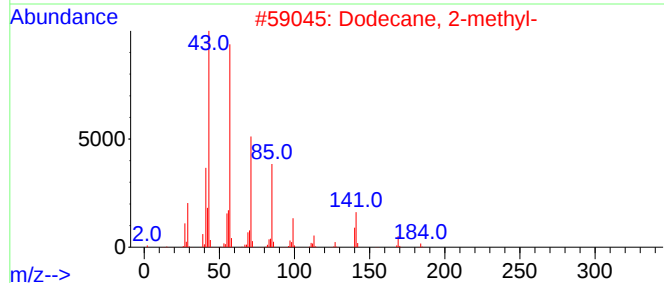
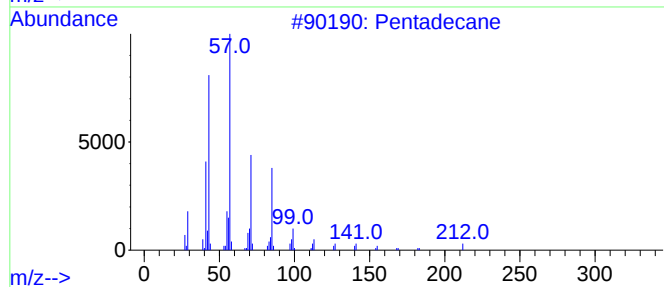
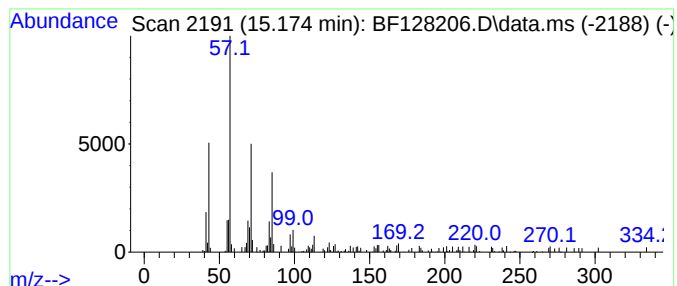
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Peak Number 3 Pentadecane Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.174 | 2.41 ng | 55554 | Perylene-d12     | 15.562 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane         | 212 | C15H32  | 000629-62-9 | 90   |
| 2    |    |   | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 81   |
| 3    |    |   | Undecane            | 156 | C11H24  | 001120-21-4 | 81   |
| 4    |    |   | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 72   |
| 5    |    |   | Tridecane, 1-iodo-  | 310 | C13H27I | 035599-77-0 | 72   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| 1-Tricosene      | 13.939 | 8.1     | ng    | 180143   | 5                     | 14.068 | 447082 | 20.0 |
| Tetracosane      | 14.515 | 2.0     | ng    | 45798    | 5                     | 14.068 | 447082 | 20.0 |
| Pentadecane      | 15.174 | 2.4     | ng    | 55554    | 6                     | 15.562 | 461598 | 20.0 |