

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF010418\  
 Data File : BF101893.D  
 Acq On : 4 Jan 2018 16:20  
 Operator : SJ/JU  
 Sample : J1011-07 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-06-010318

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:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.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         | 5.434       | 565           | 569         | 596          | rBV      | 77276          | 287072        | 31.85%          | 5.090%        |
| 2         | 6.463       | 740           | 744         | 758          | rBV      | 86155          | 281894        | 31.28%          | 4.998%        |
| 3         | 6.563       | 758           | 761         | 775          | rVB      | 179312         | 355000        | 39.39%          | 6.294%        |
| 4         | 6.769       | 793           | 796         | 805          | rBV      | 652360         | 702920        | 77.99%          | 12.463%       |
| 5         | 6.928       | 820           | 823         | 832          | rBV      | 191951         | 227632        | 25.26%          | 4.036%        |
| 6         | 7.363       | 893           | 897         | 906          | rBV      | 80910          | 172627        | 19.15%          | 3.061%        |
| 7         | 8.051       | 1011          | 1014        | 1030         | rBV      | 800134         | 901246        | 100.00%         | 15.980%       |
| 8         | 9.122       | 1193          | 1196        | 1204         | rBV      | 283335         | 305972        | 33.95%          | 5.425%        |
| 9         | 9.804       | 1309          | 1312        | 1324         | rVB      | 758596         | 777076        | 86.22%          | 13.778%       |
| 10        | 10.616      | 1447          | 1450        | 1455         | rBV      | 92812          | 108671        | 12.06%          | 1.927%        |
| 11        | 10.698      | 1460          | 1464        | 1467         | rBV      | 57872          | 69022         | 7.66%           | 1.224%        |
| 12        | 11.016      | 1515          | 1518        | 1520         | rBV4     | 39094          | 37944         | 4.21%           | 0.673%        |
| 13        | 11.163      | 1540          | 1543        | 1550         | rVB      | 101971         | 116955        | 12.98%          | 2.074%        |
| 14        | 11.304      | 1563          | 1567        | 1570         | rBV      | 612864         | 618365        | 68.61%          | 10.964%       |
| 15        | 11.516      | 1601          | 1603        | 1606         | rBV2     | 58050          | 44578         | 4.95%           | 0.790%        |
| 16        | 12.851      | 1828          | 1830        | 1833         | rBV      | 534916         | 632982        | 70.23%          | 11.223%       |

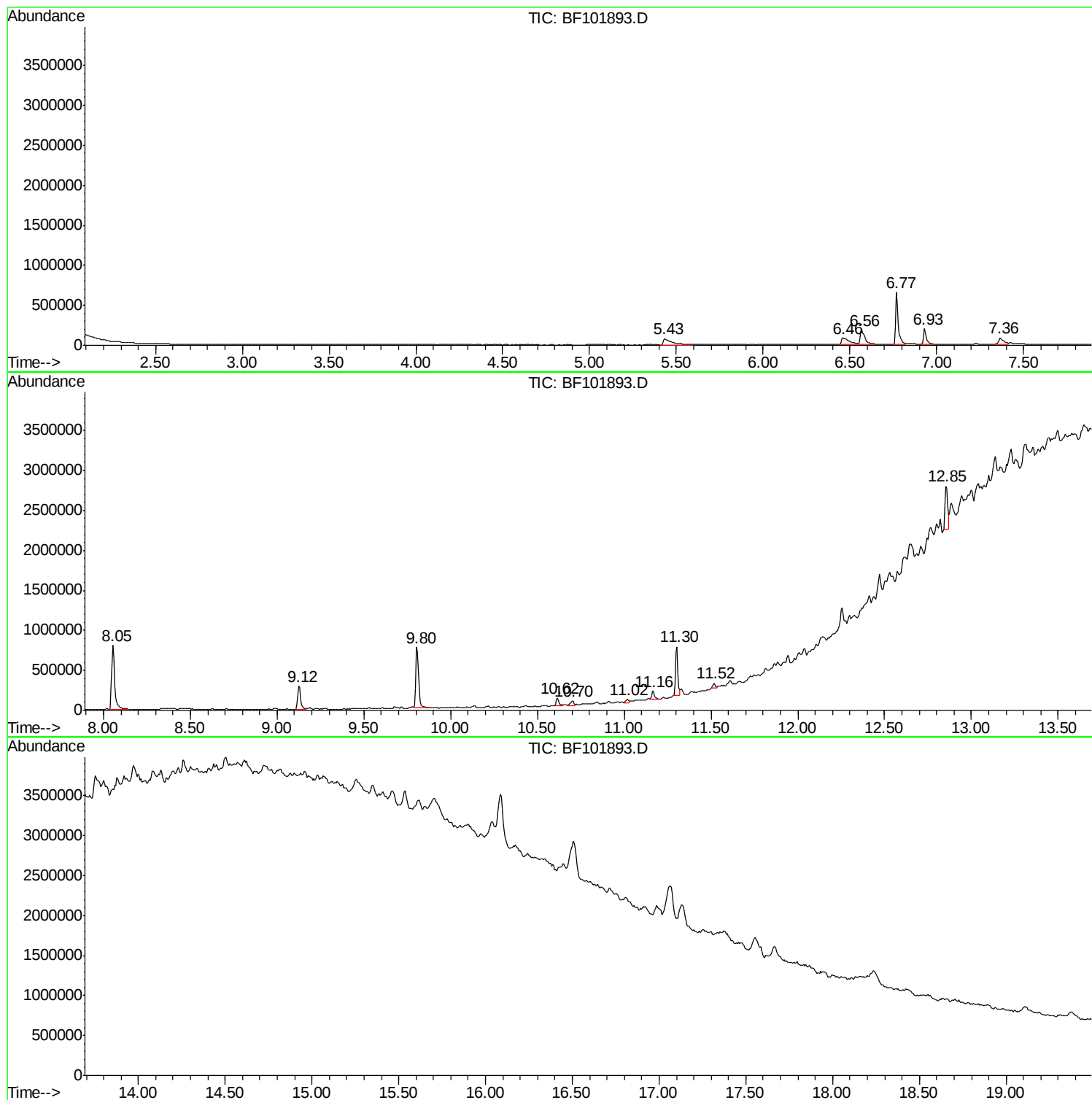
Sum of corrected areas: 5639956

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.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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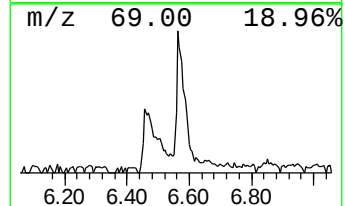
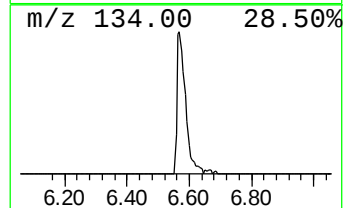
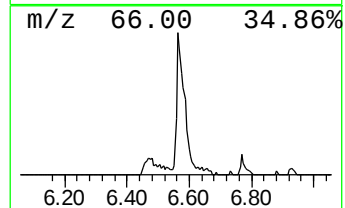
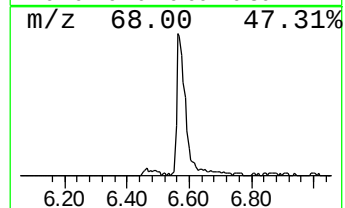
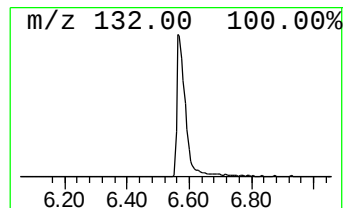
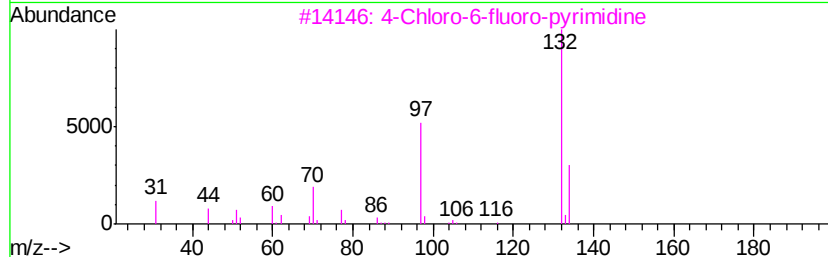
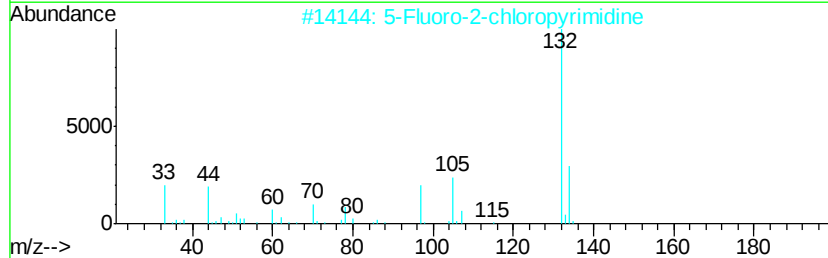
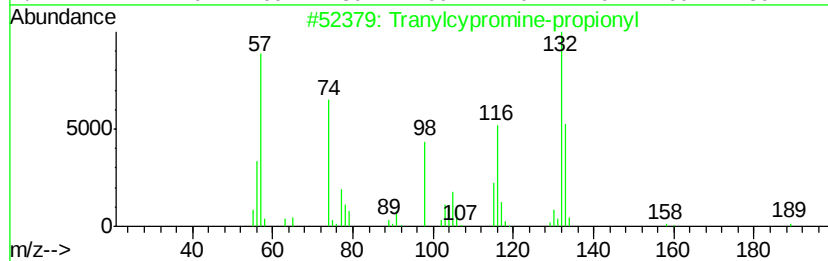
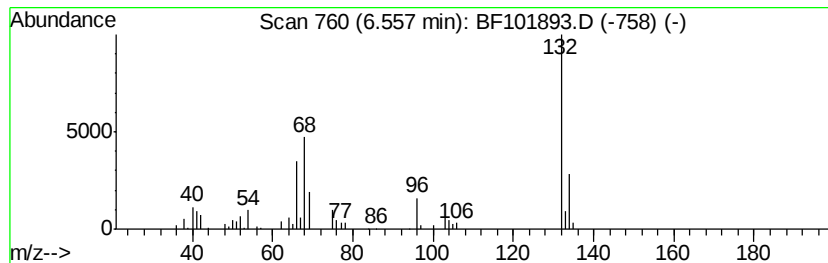
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown6.56 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.56 | 10.10 ng | 355000 | 1,4-Dichlorobenzene-d4 | 6.77 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tranvlcvpromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | 3H-1,2-Dithiol-3-one, 5-methyl-  | 132 | C4H4OS2   | 003620-08-4  | 9    |



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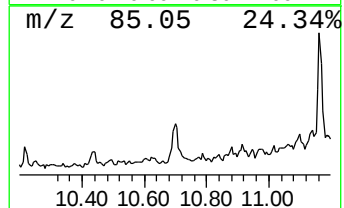
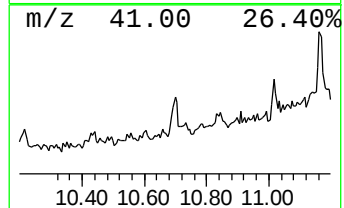
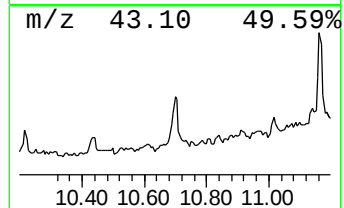
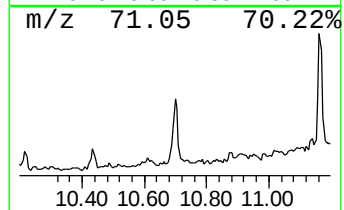
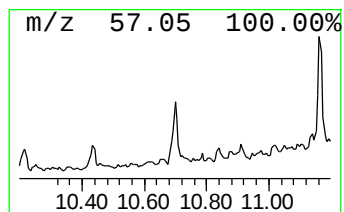
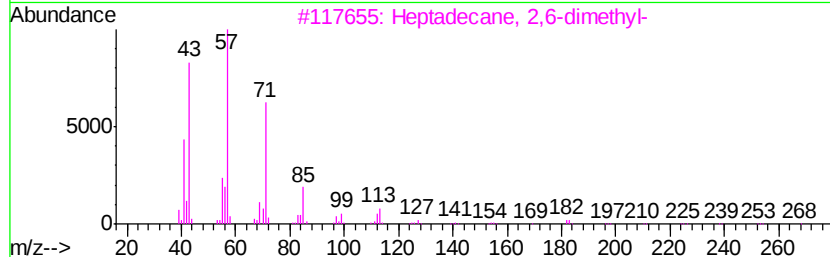
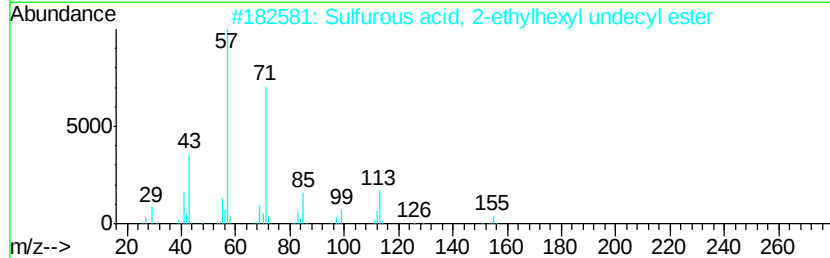
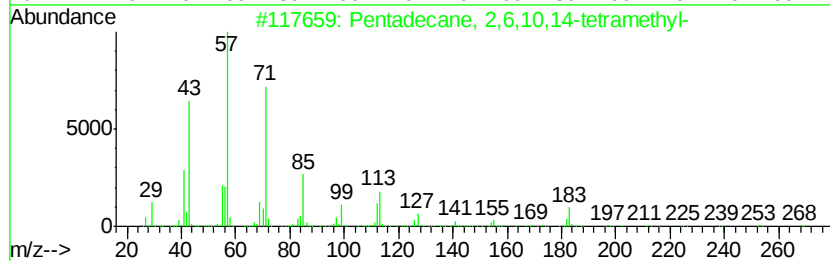
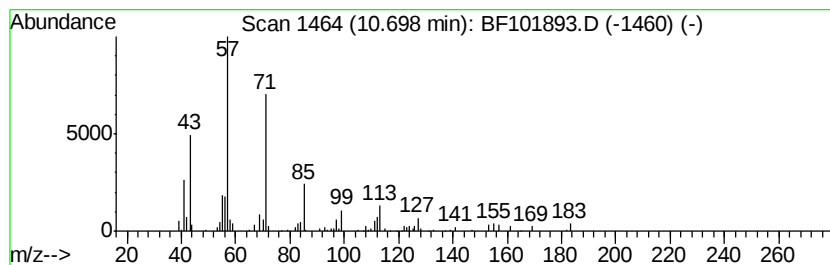
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Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 10.70     | 2.23 ng                             | 69022 | Phenanthrene-d10 | 11.30        |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Pentadecane, 2,6,10,14-tetramethyl- | 268   | C19H40           | 001921-70-6  | 80   |
| 2         | Sulfurous acid, 2-ethylhexyl und... | 348   | C19H40O3S        | 1000309-19-4 | 64   |
| 3         | Heptadecane, 2,6-dimethyl-          | 268   | C19H40           | 054105-67-8  | 64   |
| 4         | Hexadecane, 2,6,10,14-tetramethyl-  | 282   | C20H42           | 000638-36-8  | 52   |
| 5         | Tetradecane, 3-methyl-              | 212   | C15H32           | 018435-22-8  | 50   |



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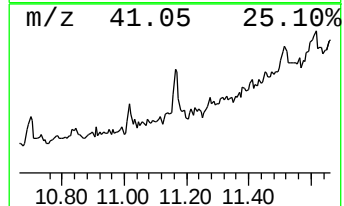
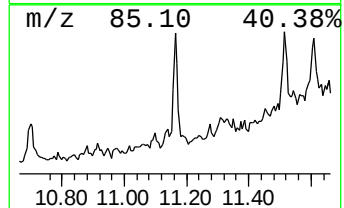
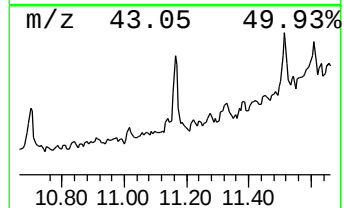
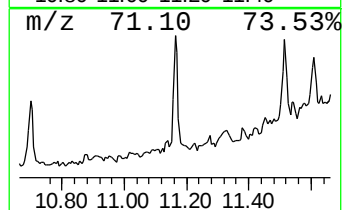
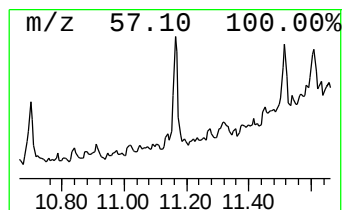
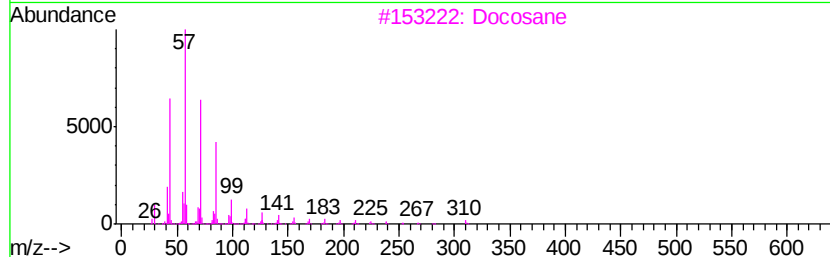
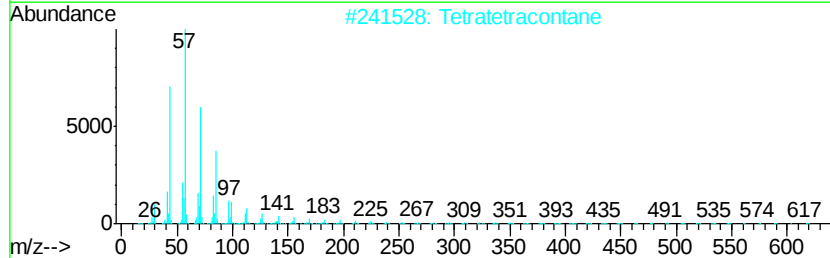
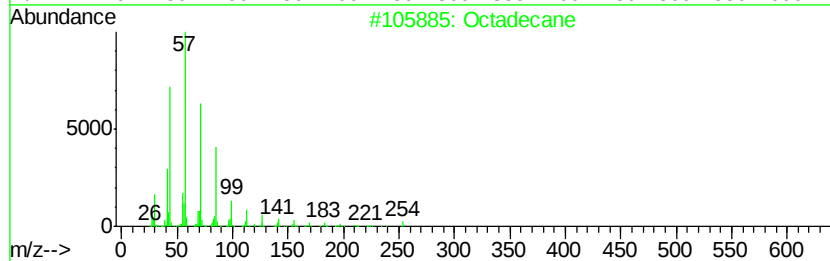
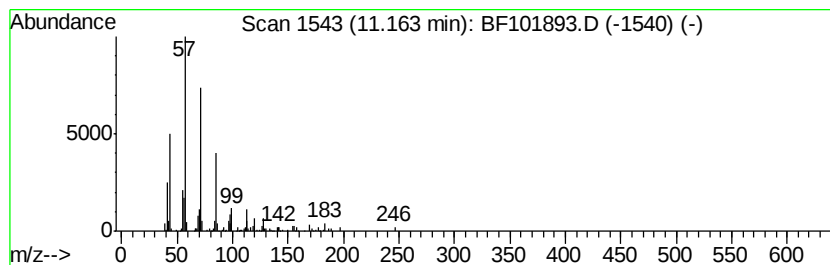
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Peak Number 4 Octadecane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.16 | 3.78 ng | 116955 | Phenanthrene-d10 | 11.30 |

| Hit# of | 5                 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------|--------------|-----|---------|-------------|------|
| 1       | Octadecane        |              | 254 | C18H38  | 000593-45-3 | 90   |
| 2       | Tetratetracontane |              | 619 | C44H90  | 007098-22-8 | 90   |
| 3       | Docosane          |              | 310 | C22H46  | 000629-97-0 | 90   |
| 4       | Dodecane, 1-iodo- |              | 296 | C12H25I | 004292-19-7 | 87   |
| 5       | Hexadecane        |              | 226 | C16H34  | 000544-76-3 | 78   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown6.56          | 6.56  | 10.1    | ng    | 355000   | 1                     | 6.77  | 702920 | 20.0 |
| Pentadecane, 2,6,... | 10.70 | 2.2     | ng    | 69022    | 4                     | 11.30 | 618365 | 20.0 |
| Octadecane           | 11.16 | 3.8     | ng    | 116955   | 4                     | 11.30 | 618365 | 20.0 |