

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF073120\  
 Data File : BF121158.D  
 Acq On : 31 Jul 2020 15:16  
 Operator : JU/CG  
 Sample : L3511-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 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-BF071620.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         | 5.016       | 494           | 498         | 504          | rVB      | 46645          | 60229         | 1.63%           | 0.245%        |
| 2         | 5.416       | 562           | 566         | 570          | rBV      | 2699466        | 2863581       | 77.63%          | 11.659%       |
| 3         | 6.439       | 734           | 740         | 743          | rBV      | 2676522        | 2909376       | 78.88%          | 11.845%       |
| 4         | 6.792       | 797           | 800         | 804          | rBV      | 847207         | 724348        | 19.64%          | 2.949%        |
| 5         | 7.363       | 891           | 897         | 900          | rBV      | 1899028        | 2106870       | 57.12%          | 8.578%        |
| 6         | 8.075       | 1014          | 1018        | 1030         | rBV      | 978876         | 958053        | 25.97%          | 3.901%        |
| 7         | 9.157       | 1197          | 1202        | 1205         | rBV      | 3538118        | 3629012       | 98.39%          | 14.775%       |
| 8         | 9.551       | 1264          | 1269        | 1273         | rBV      | 324517         | 278363        | 7.55%           | 1.133%        |
| 9         | 9.769       | 1299          | 1306        | 1313         | rBV      | 47664          | 119517        | 3.24%           | 0.487%        |
| 10        | 9.833       | 1313          | 1317        | 1321         | rVB      | 1187519        | 1088220       | 29.50%          | 4.431%        |
| 11        | 10.627      | 1447          | 1452        | 1463         | rBV      | 2189267        | 2248637       | 60.96%          | 9.155%        |
| 12        | 11.321      | 1566          | 1570        | 1578         | rBV      | 1320740        | 1137268       | 30.83%          | 4.630%        |
| 13        | 12.915      | 1835          | 1841        | 1844         | rBV      | 3462845        | 3688562       | 100.00%         | 15.017%       |
| 14        | 13.139      | 1873          | 1879        | 1884         | rBV2     | 27668          | 43041         | 1.17%           | 0.175%        |
| 15        | 13.480      | 1932          | 1937        | 1940         | rBV2     | 44906          | 46189         | 1.25%           | 0.188%        |
| 16        | 13.810      | 1989          | 1993        | 2005         | rBV      | 389378         | 514760        | 13.96%          | 2.096%        |
| 17        | 13.962      | 2015          | 2019        | 2023         | rBV      | 1055838        | 925982        | 25.10%          | 3.770%        |
| 18        | 14.127      | 2044          | 2047        | 2053         | rVB      | 69291          | 59705         | 1.62%           | 0.243%        |
| 19        | 14.433      | 2095          | 2099        | 2105         | rBV3     | 67425          | 103662        | 2.81%           | 0.422%        |
| 20        | 14.733      | 2147          | 2150        | 2153         | rVB      | 53127          | 52685         | 1.43%           | 0.214%        |
| 21        | 15.068      | 2203          | 2207        | 2210         | rBV      | 47613          | 56399         | 1.53%           | 0.230%        |
| 22        | 15.415      | 2261          | 2266        | 2274         | rBV      | 645782         | 835300        | 22.65%          | 3.401%        |
| 23        | 15.862      | 2339          | 2342        | 2347         | rVB2     | 28286          | 37739         | 1.02%           | 0.154%        |
| 24        | 15.921      | 2349          | 2352        | 2360         | rBV5     | 32361          | 74395         | 2.02%           | 0.303%        |

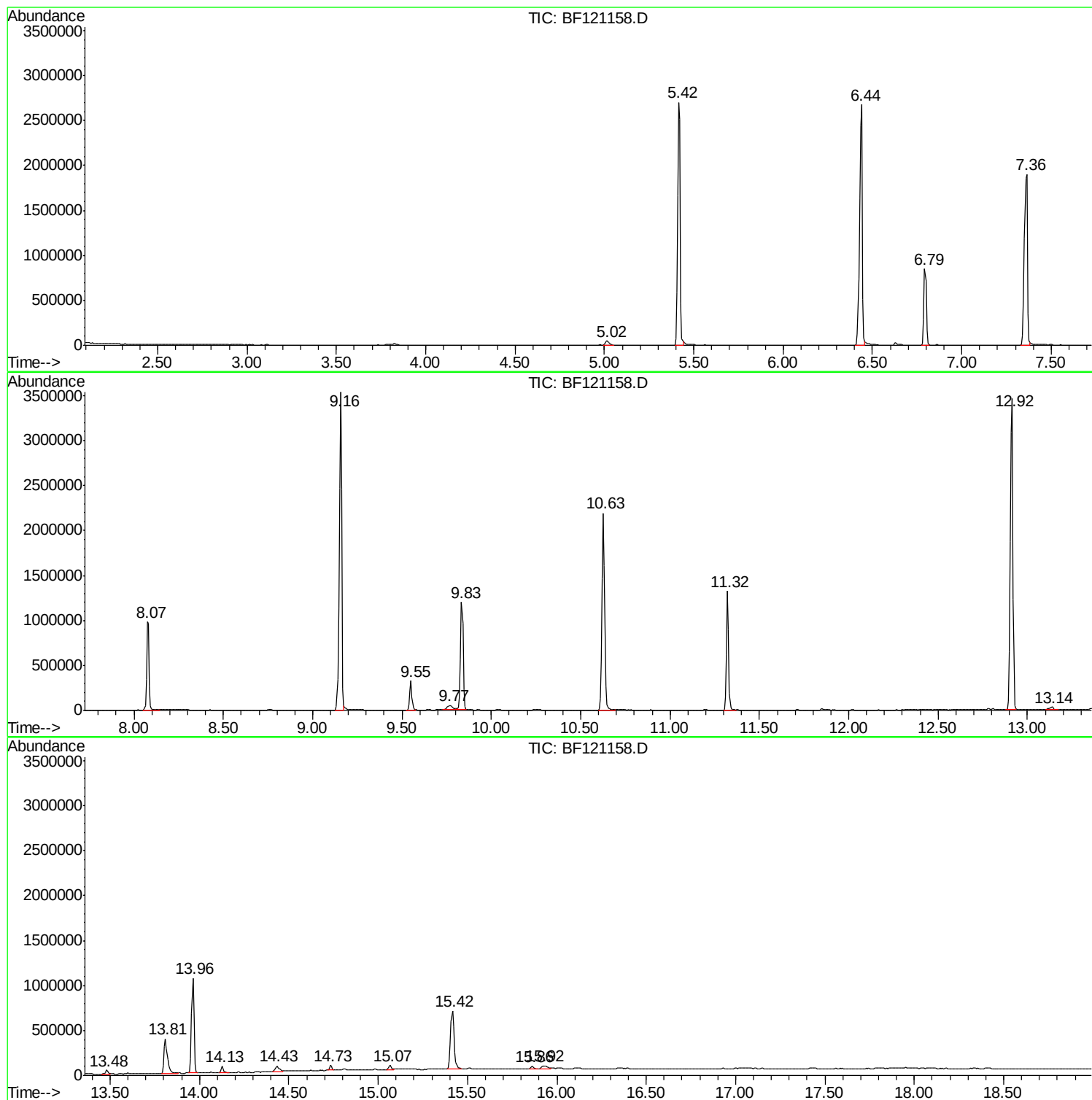
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.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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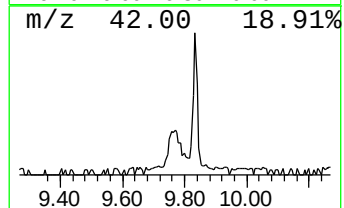
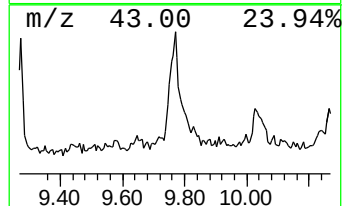
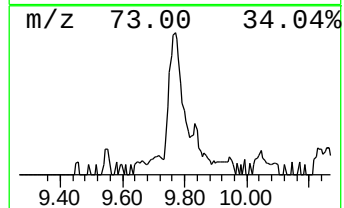
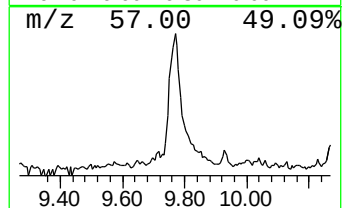
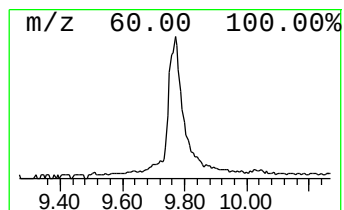
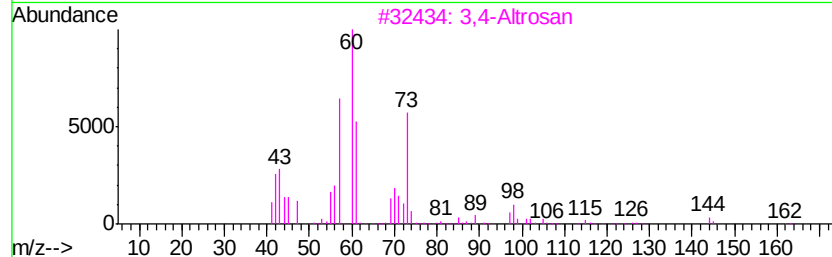
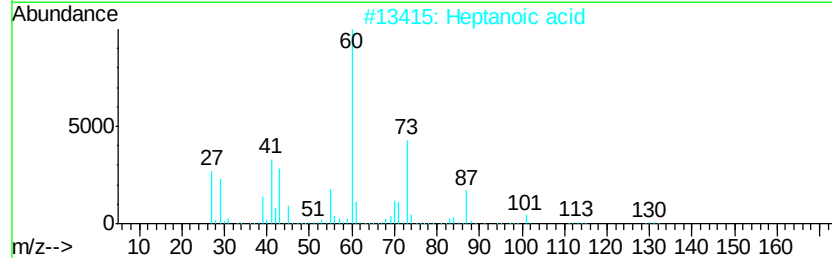
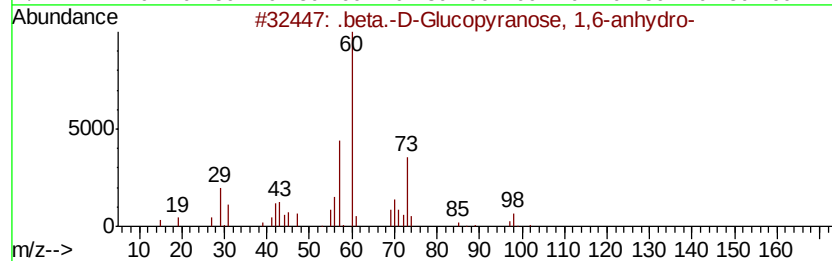
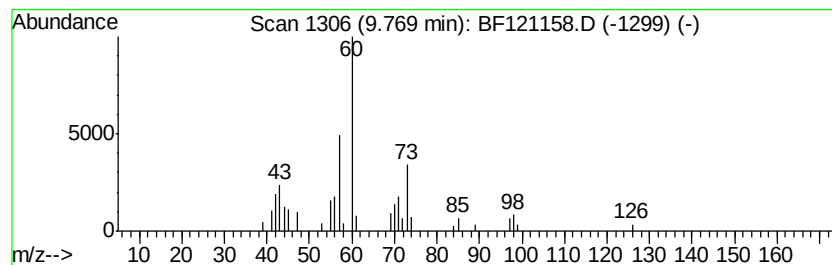
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 .beta.-D-Glucopyranose, 1,6... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.77      | 2.20 ng                             | 119517 | Acenaphthene-d10 | 9.83         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | .beta.-D-Glucopyranose, 1,6-anhy... | 162    | C6H10O5          | 000498-07-7  | 72   |
| 2         | Heptanoic acid                      | 130    | C7H14O2          | 000111-14-8  | 59   |
| 3         | 3,4-Altrosan                        | 162    | C6H10O5          | 1000129-76-4 | 53   |
| 4         | Pentanoic acid                      | 102    | C5H10O2          | 000109-52-4  | 47   |
| 5         | .beta.-Methyl xyloside              | 164    | C6H12O5          | 1000130-04-0 | 42   |



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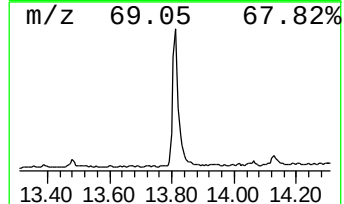
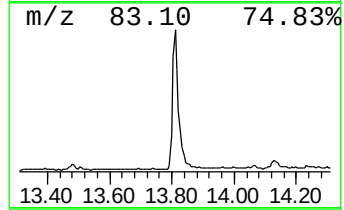
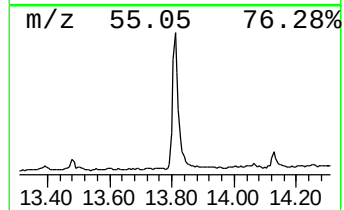
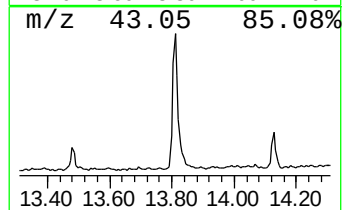
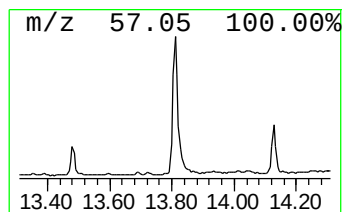
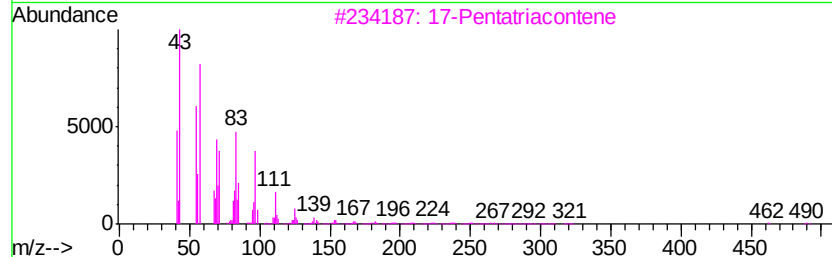
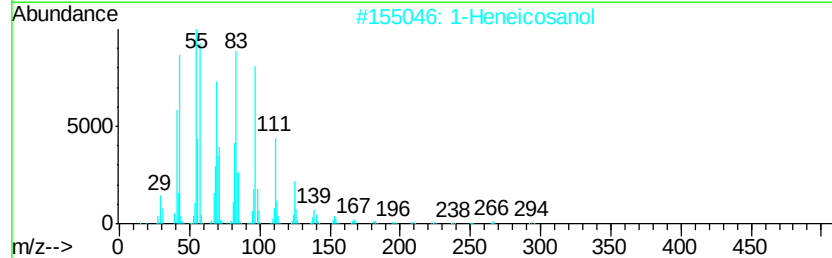
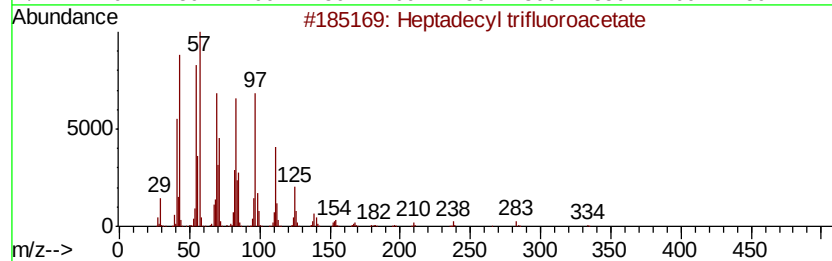
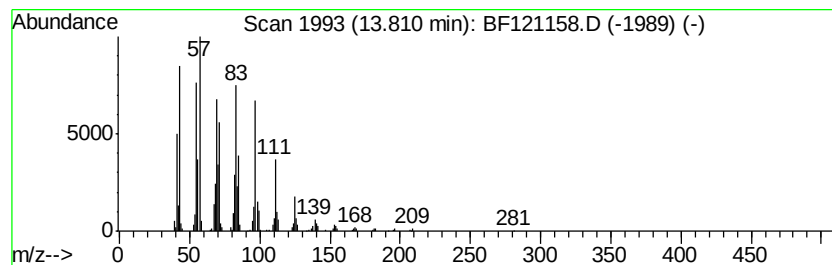
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Peak Number 2 Heptadecyl trifluoroacetate Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 13.81 | 11.12 ng | 514760 | Chrysene-d12     | 13.96 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2  | 1000351-87-0 | 93   |
| 2    |    | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8  | 93   |
| 3    |    | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 91   |
| 4    |    | Nonadecyl pentafluoropropionate     | 430 | C22H39F5O2  | 1000351-88-8 | 91   |
| 5    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 90   |



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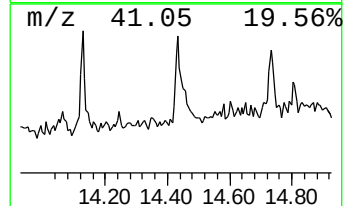
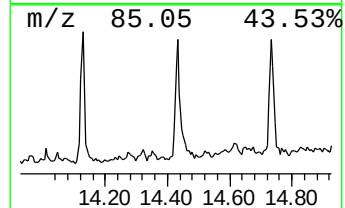
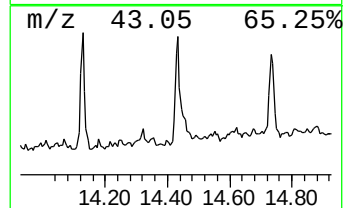
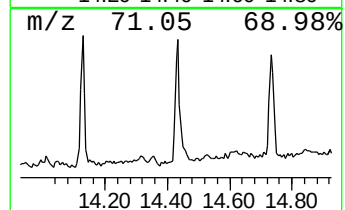
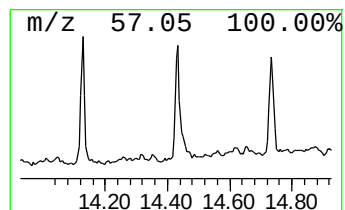
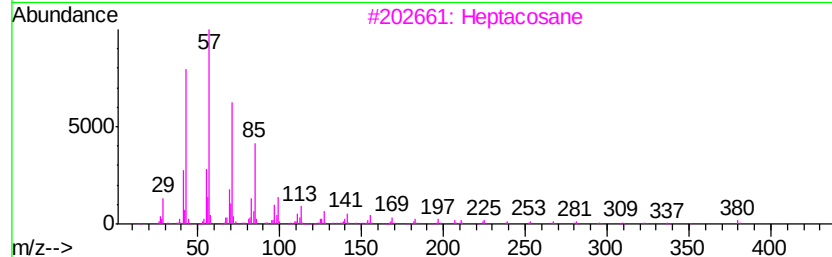
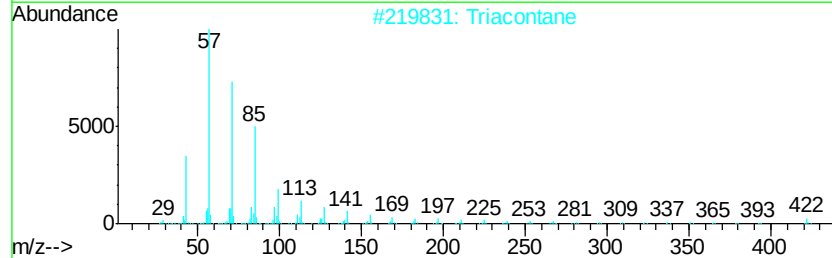
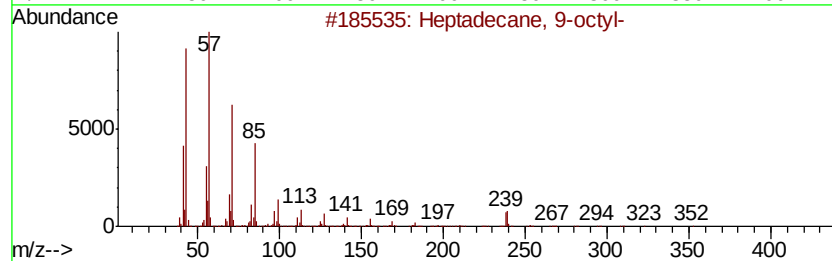
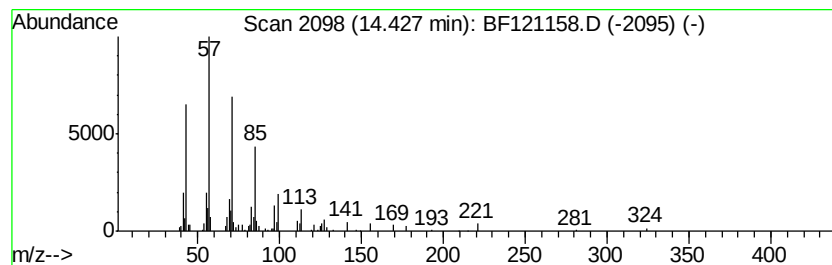
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Peak Number 3 Heptadecane, 9-octyl- Concentration Rank 2

| R.T.    | EstConc               | Area         | Relative to ISTD | R.T.      |
|---------|-----------------------|--------------|------------------|-----------|
| 14.43   | 2.24 ng               | 103662       | Chrysene-d12     | 13.96     |
| Hit# of | 5                     | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptadecane, 9-octyl- | 352 C25H52   | 007225-64-1      | 91        |
| 2       | Triacontane           | 422 C30H62   | 000638-68-6      | 91        |
| 3       | Heptacosane           | 380 C27H56   | 000593-49-7      | 90        |
| 4       | Octacosane            | 394 C28H58   | 000630-02-4      | 87        |
| 5       | Hexacosane            | 366 C26H54   | 000630-01-3      | 87        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| .beta.-D-Glucopyr... | 9.77  | 2.2     | ng    | 119517   | 3                     | 9.83  | 1088220 | 20.0 |
| Heptadecyl triflu... | 13.81 | 11.1    | ng    | 514760   | 5                     | 13.96 | 925982  | 20.0 |
| Heptadecane, 9-oc... | 14.43 | 2.2     | ng    | 103662   | 5                     | 13.96 | 925982  | 20.0 |