

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111125\  
 Data File : BP026100.D  
 Acq On : 11 Nov 2025 21:40  
 Operator : RC/JU  
 Sample : Q3583-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CHRT27080

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\_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026100.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         | 5.296       | 394           | 401         | 413          | rBV      | 2118279        | 3182321       | 44.98%          | 6.147%        |
| 2         | 6.849       | 658           | 665         | 679          | rBV      | 2107550        | 3225496       | 45.59%          | 6.230%        |
| 3         | 7.672       | 798           | 805         | 812          | rBV      | 1283094        | 1934027       | 27.34%          | 3.735%        |
| 4         | 8.807       | 990           | 998         | 1011         | rBV      | 1162752        | 2059590       | 29.11%          | 3.978%        |
| 5         | 10.443      | 1265          | 1276        | 1290         | rBV      | 1468786        | 2745222       | 38.80%          | 5.302%        |
| 6         | 12.919      | 1690          | 1697        | 1708         | rBV      | 3280313        | 4635097       | 65.51%          | 8.953%        |
| 7         | 14.307      | 1926          | 1933        | 1939         | rBV      | 2296786        | 3750636       | 53.01%          | 7.244%        |
| 8         | 15.701      | 2166          | 2170        | 2176         | rVB      | 83110          | 134578        | 1.90%           | 0.260%        |
| 9         | 15.825      | 2185          | 2191        | 2201         | rBV      | 2467082        | 3958310       | 55.95%          | 7.645%        |
| 10        | 16.966      | 2383          | 2385        | 2391         | rVB2     | 105860         | 153324        | 2.17%           | 0.296%        |
| 11        | 17.113      | 2405          | 2410        | 2416         | rBV      | 2637979        | 4315980       | 61.00%          | 8.336%        |
| 12        | 17.166      | 2416          | 2419        | 2426         | rVB      | 175735         | 245355        | 3.47%           | 0.474%        |
| 13        | 17.554      | 2480          | 2485        | 2488         | rBV3     | 104169         | 172255        | 2.43%           | 0.333%        |
| 14        | 18.077      | 2570          | 2574        | 2582         | rVB2     | 542183         | 738911        | 10.44%          | 1.427%        |
| 15        | 18.542      | 2650          | 2653        | 2659         | rVB4     | 168802         | 228879        | 3.23%           | 0.442%        |
| 16        | 18.995      | 2727          | 2730        | 2734         | rVB3     | 106450         | 133263        | 1.88%           | 0.257%        |
| 17        | 19.260      | 2770          | 2775        | 2780         | rBV      | 423081         | 741641        | 10.48%          | 1.432%        |
| 18        | 19.336      | 2784          | 2788        | 2797         | rVB      | 566579         | 829850        | 11.73%          | 1.603%        |
| 19        | 19.419      | 2798          | 2802        | 2806         | rBV5     | 176326         | 330272        | 4.67%           | 0.638%        |
| 20        | 19.636      | 2836          | 2839        | 2843         | rVB      | 271942         | 336910        | 4.76%           | 0.651%        |
| 21        | 19.860      | 2872          | 2877        | 2886         | rVB      | 5250812        | 7075198       | 100.00%         | 13.665%       |
| 22        | 21.266      | 3112          | 3116        | 3123         | rVB2     | 373856         | 586706        | 8.29%           | 1.133%        |
| 23        | 21.571      | 3162          | 3168        | 3174         | rBV2     | 2906504        | 4838526       | 68.39%          | 9.345%        |
| 24        | 24.907      | 3725          | 3735        | 3747         | rVB      | 1857989        | 5421974       | 76.63%          | 10.472%       |

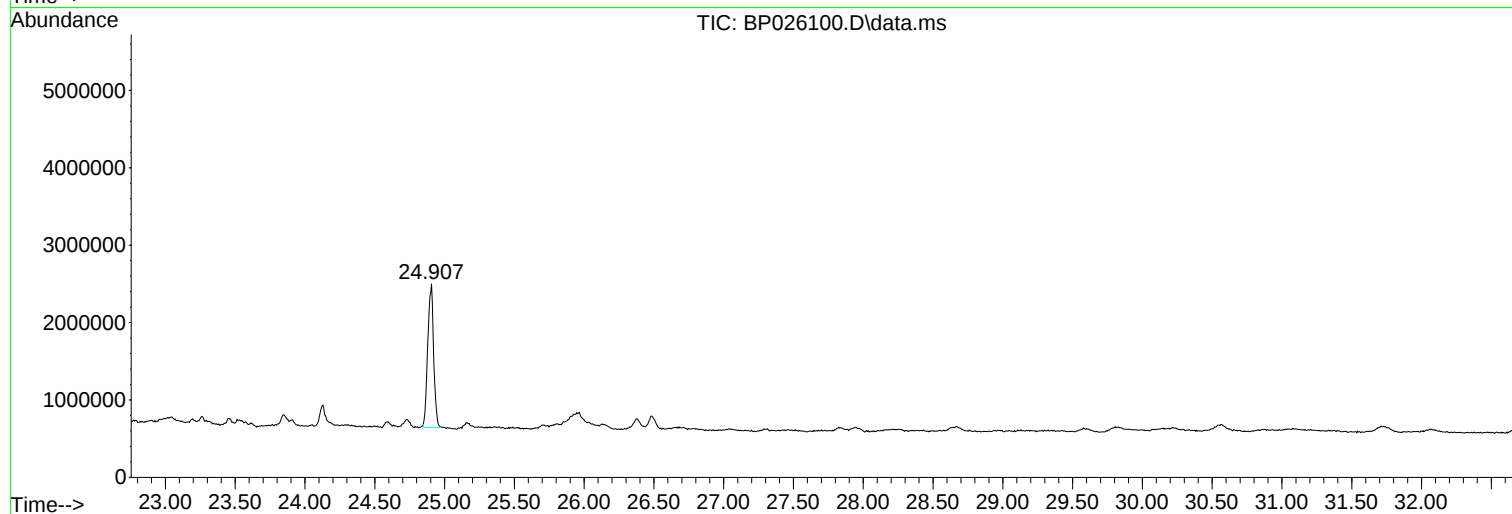
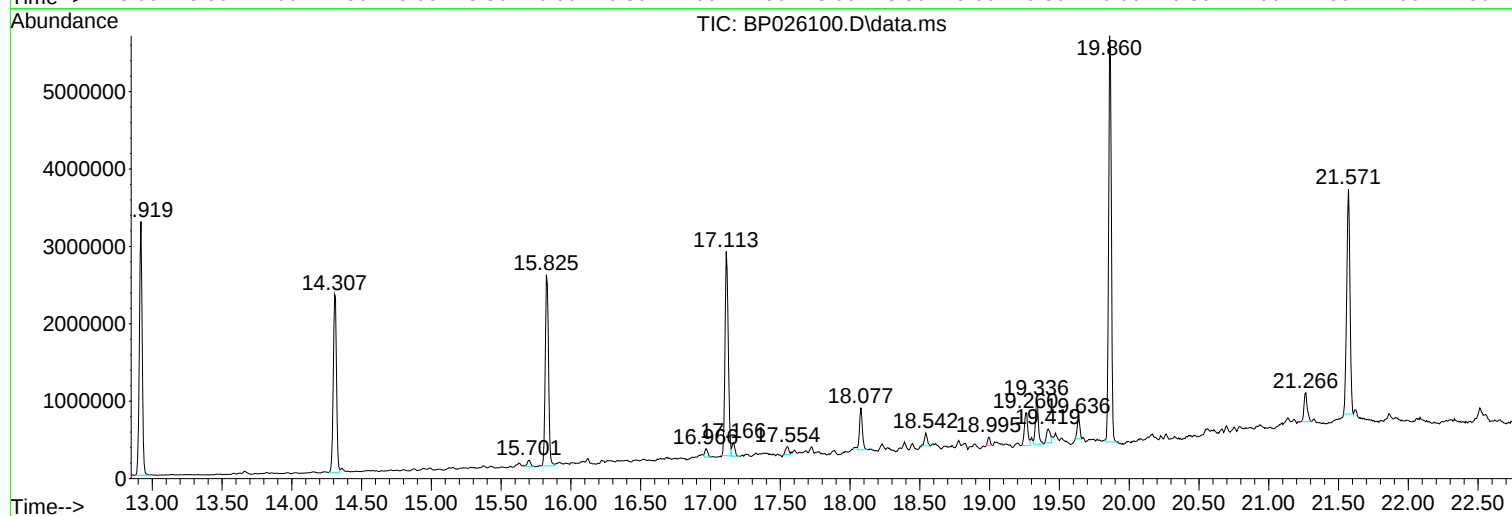
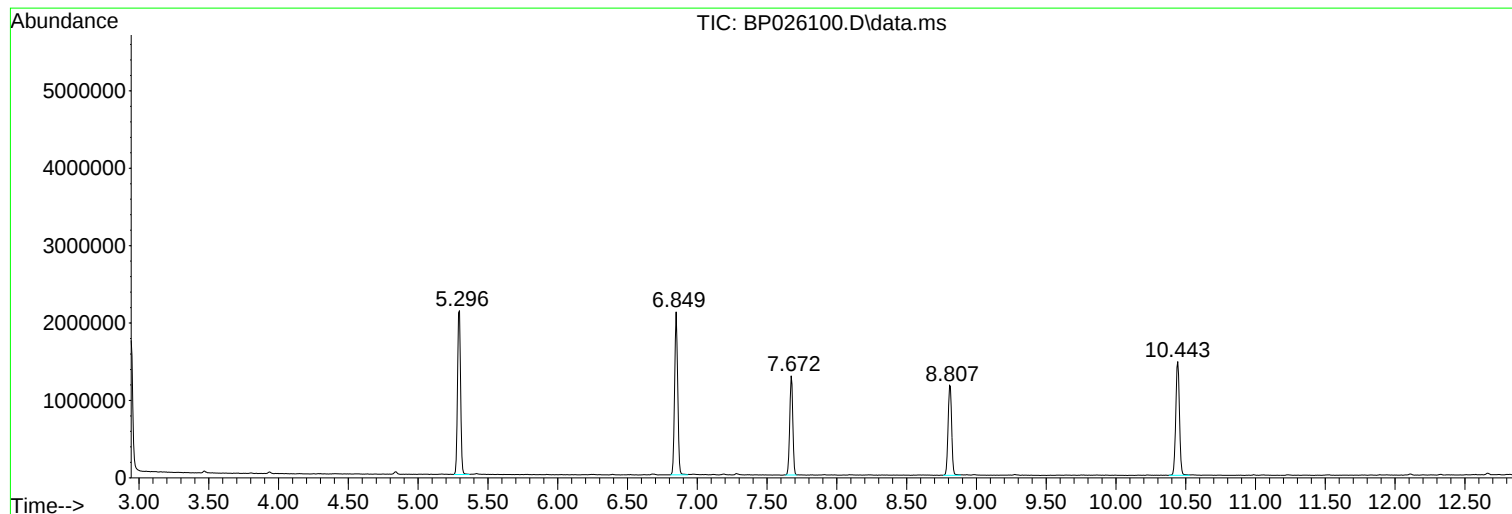
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BNA\_P  
ClientSampleId :  
CHRT27080

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.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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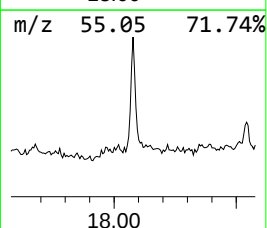
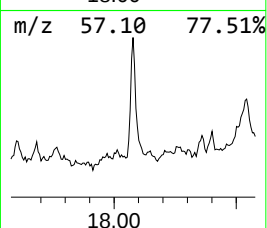
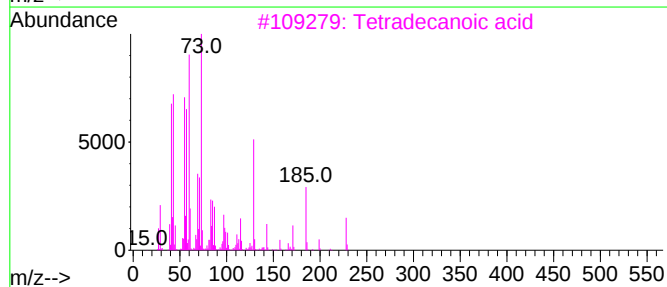
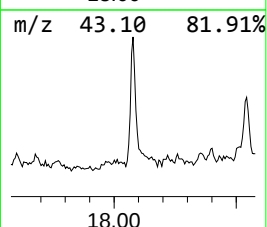
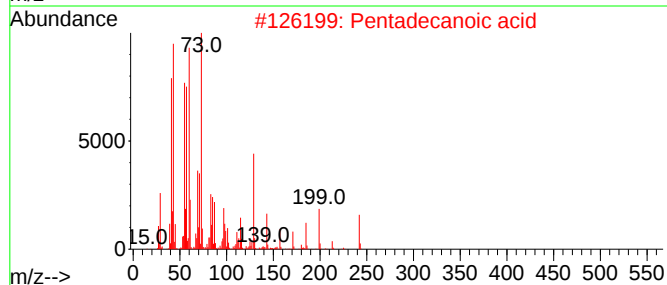
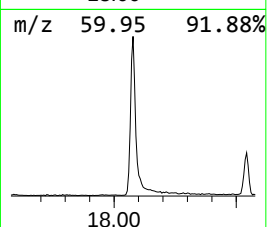
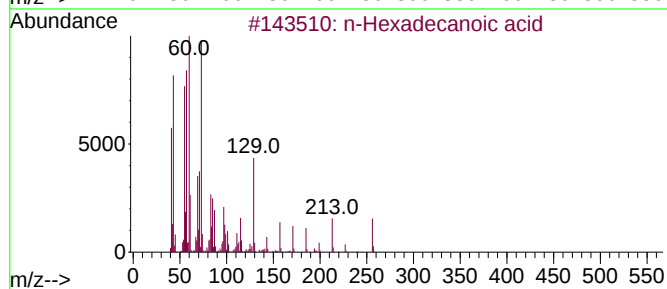
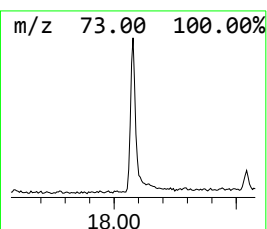
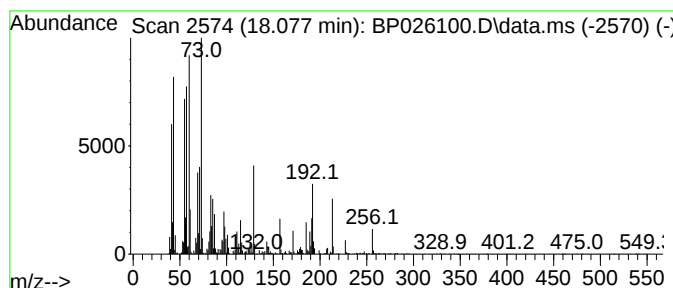
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.078 | 3.42 ng | 738911 | Phenanthrene-d10 | 17.113 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 4    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 72   |
| 5    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 64   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

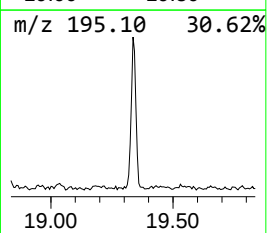
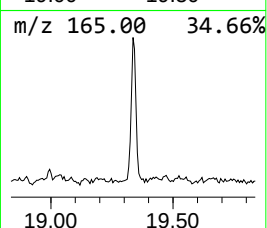
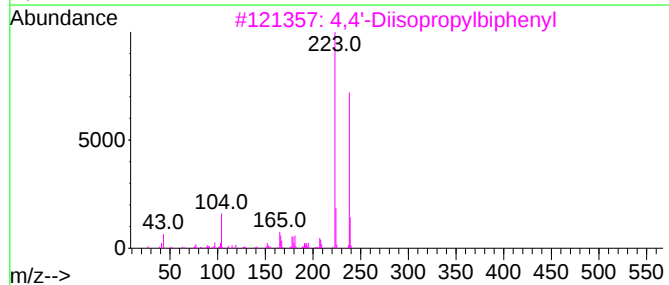
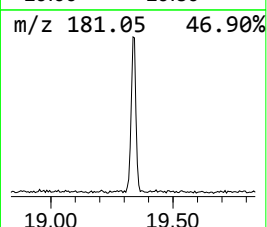
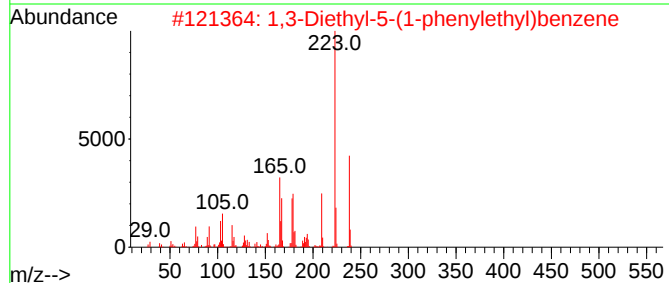
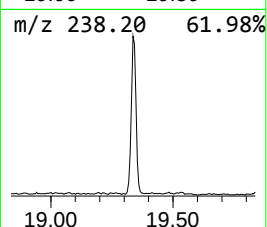
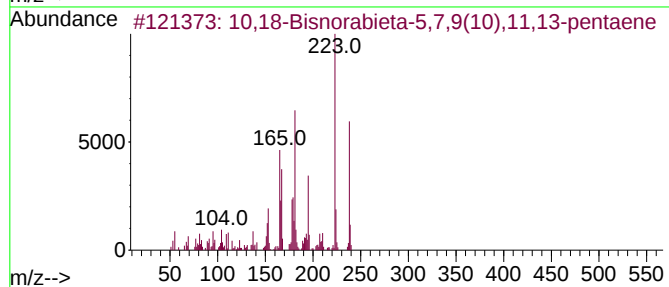
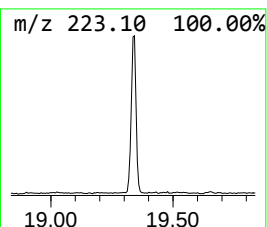
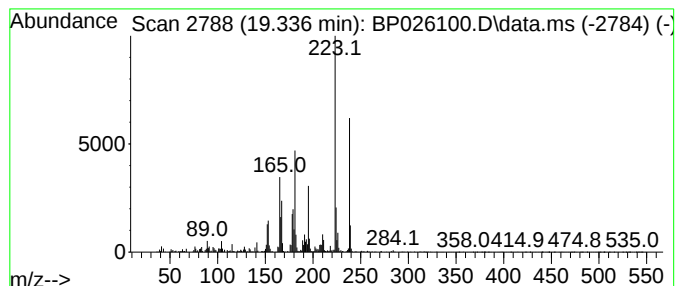
Instrument :  
BNA\_P  
ClientSampleId :  
CHRT27080

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
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Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
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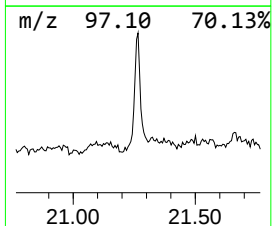
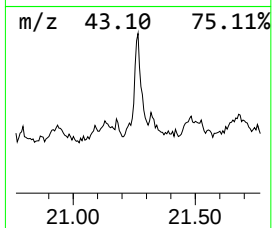
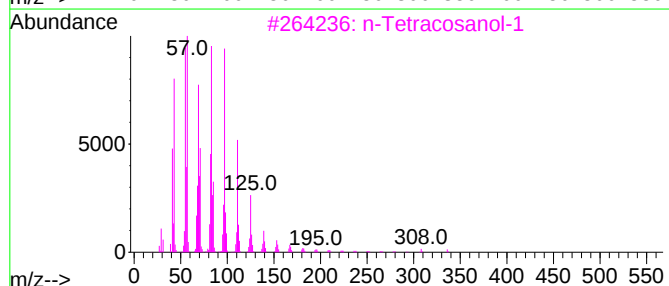
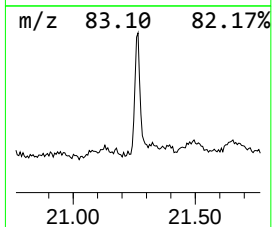
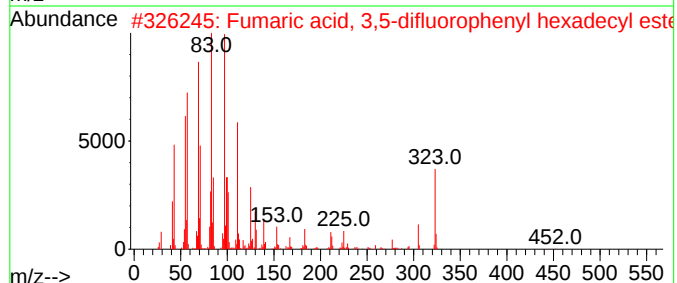
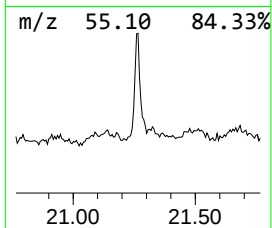
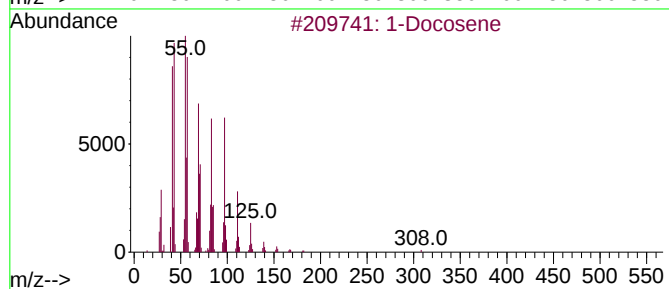
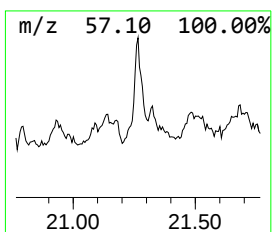
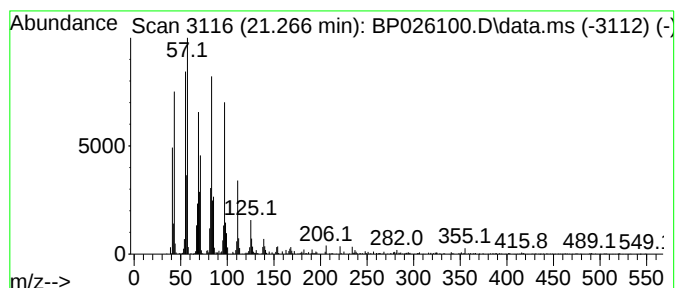
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Docosene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.265 | 2.43 ng | 586706 | Chrysene-d12     | 21.571 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Docosene                          |   |              | 308 | C22H44     | 001599-67-3  | 91   |
| 2    | Fumaric acid, 3,5-difluorophenyl... |   |              | 452 | C26H38F2O4 | 1000339-38-1 | 91   |
| 3    | n-Tetracosanol-1                    |   |              | 354 | C24H50O    | 000506-51-4  | 90   |
| 4    | Behenic alcohol                     |   |              | 326 | C22H46O    | 000661-19-8  | 90   |
| 5    | 1-Hexacosanol                       |   |              | 382 | C26H54O    | 000506-52-5  | 90   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.078 | 3.4     | ng    | 738911   | 4                     | 17.113 | 4315980 | 20.0 |
| 10,18-Bisnorabi... | 19.336 | 3.9     | ng    | 829850   | 4                     | 17.113 | 4315980 | 20.0 |
| 1-Docosene         | 21.265 | 2.4     | ng    | 586706   | 5                     | 21.571 | 4838530 | 20.0 |