

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030822\  
 Data File : BP009310.D  
 Acq On : 08 Mar 2022 18:18  
 Operator : CG/JU  
 Sample : N1825-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DUM-30

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-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009310.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         | 3.069       | 10            | 14          | 34           | rVB      | 967033         | 1417469       | 8.61%           | 1.508%        |
| 2         | 5.411       | 405           | 412         | 424          | rBV      | 5792103        | 9220380       | 55.99%          | 9.811%        |
| 3         | 6.987       | 672           | 680         | 695          | rBV      | 5463538        | 9116801       | 55.36%          | 9.700%        |
| 4         | 7.816       | 814           | 821         | 829          | rBV      | 1544746        | 2638164       | 16.02%          | 2.807%        |
| 5         | 8.969       | 1009          | 1017        | 1030         | rBV      | 3298308        | 5854771       | 35.55%          | 6.230%        |
| 6         | 10.610      | 1288          | 1296        | 1307         | rBV      | 1930615        | 3417517       | 20.75%          | 3.636%        |
| 7         | 13.081      | 1707          | 1716        | 1732         | rBV      | 8004400        | 12543752      | 76.17%          | 13.347%       |
| 8         | 14.457      | 1943          | 1950        | 1970         | rBV      | 2444044        | 3963481       | 24.07%          | 4.217%        |
| 9         | 15.951      | 2196          | 2204        | 2222         | rBV      | 5065090        | 8435823       | 51.22%          | 8.976%        |
| 10        | 17.216      | 2412          | 2419        | 2425         | rBV      | 2876364        | 4413747       | 26.80%          | 4.696%        |
| 11        | 18.122      | 2568          | 2573        | 2582         | rBV      | 431389         | 627647        | 3.81%           | 0.668%        |
| 12        | 19.233      | 2757          | 2762        | 2769         | rBV      | 340804         | 503954        | 3.06%           | 0.536%        |
| 13        | 19.586      | 2818          | 2822        | 2827         | rVB      | 258726         | 368851        | 2.24%           | 0.392%        |
| 14        | 19.792      | 2851          | 2857        | 2867         | rBV      | 12721331       | 16468195      | 100.00%         | 17.523%       |
| 15        | 21.045      | 3066          | 3070        | 3090         | rBV2     | 1087653        | 1987620       | 12.07%          | 2.115%        |
| 16        | 21.321      | 3111          | 3117        | 3122         | rBV      | 4479570        | 6236345       | 37.87%          | 6.636%        |
| 17        | 23.727      | 3519          | 3526        | 3543         | rVB2     | 3177691        | 6768454       | 41.10%          | 7.202%        |

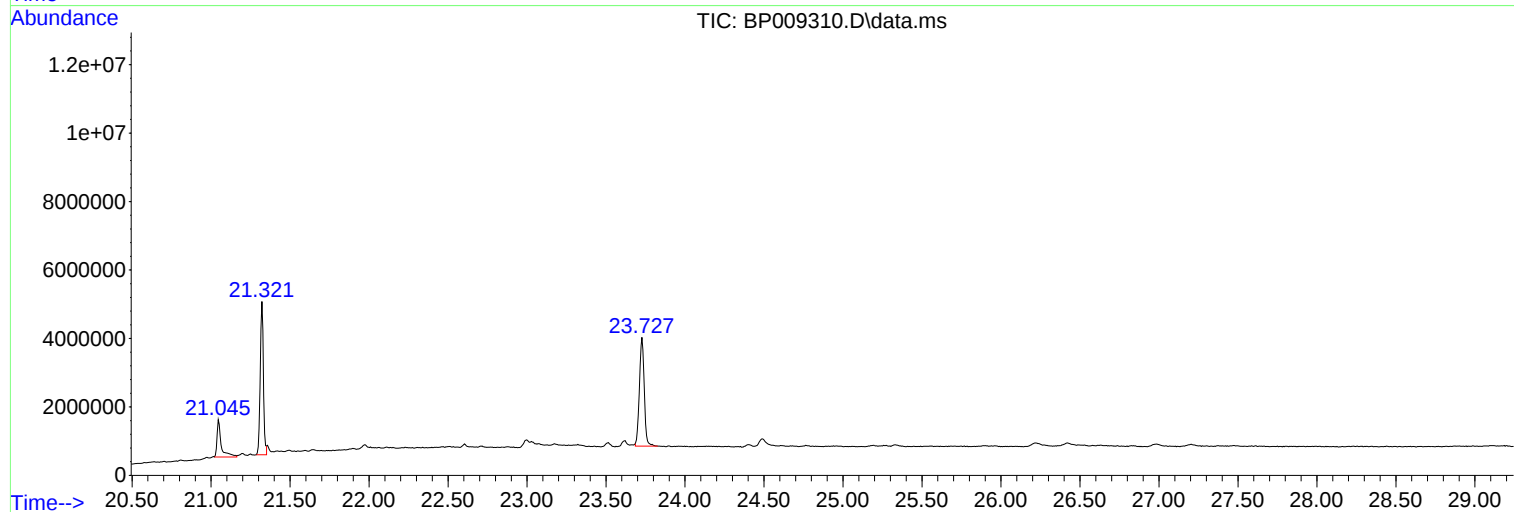
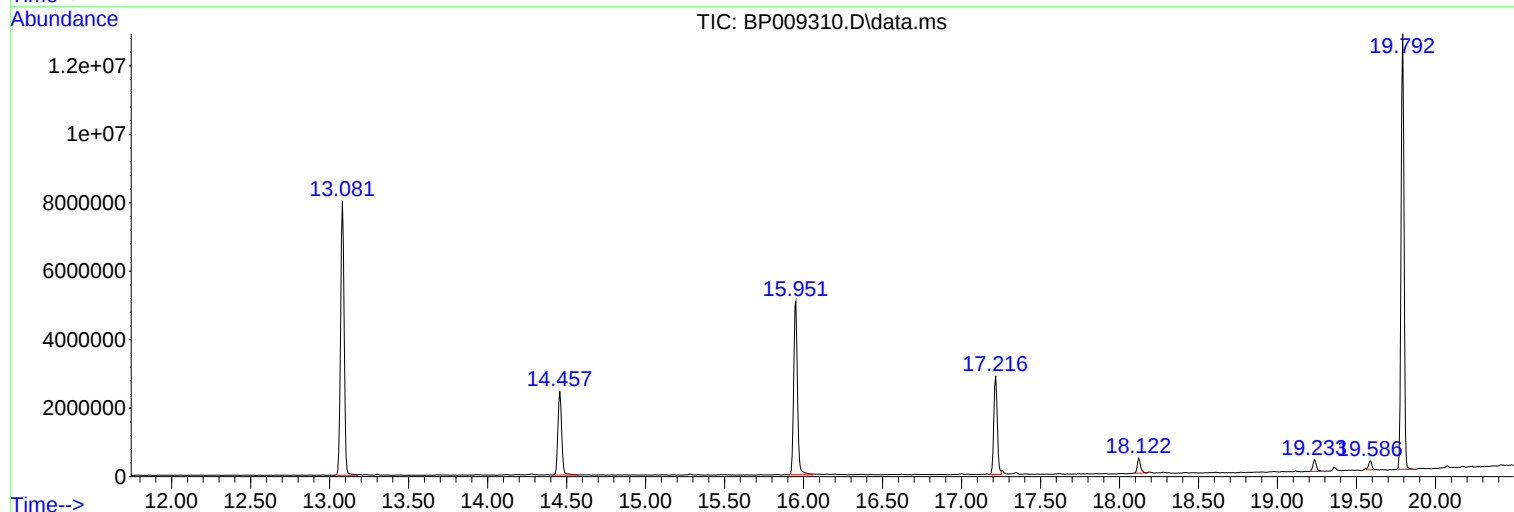
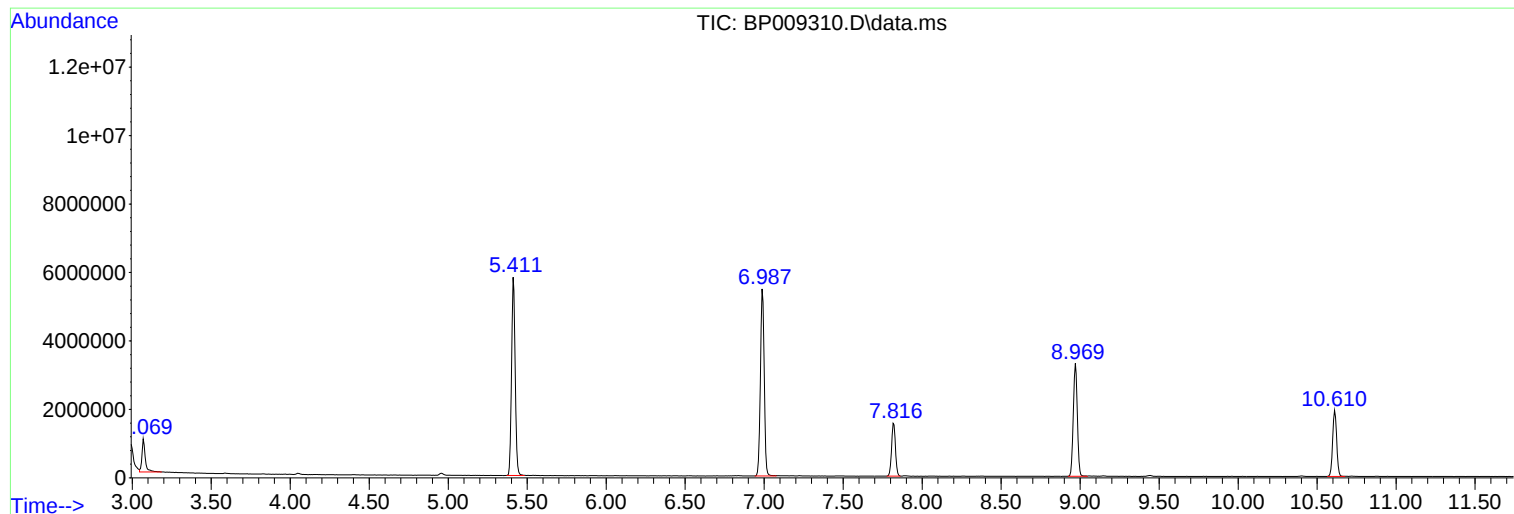
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-30

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.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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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DUM-30

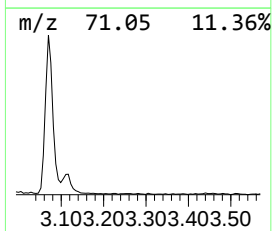
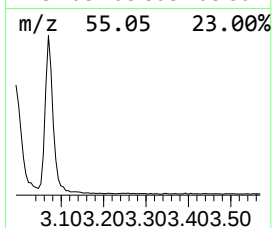
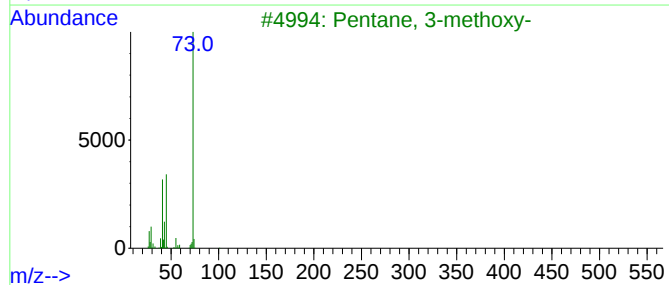
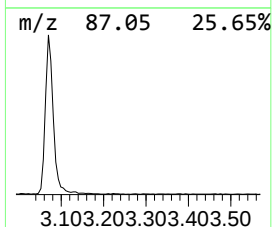
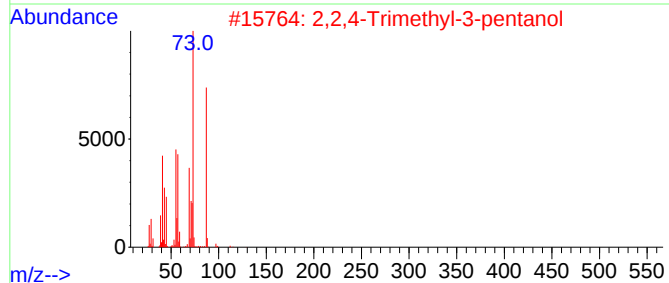
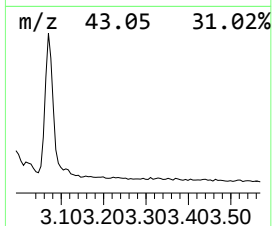
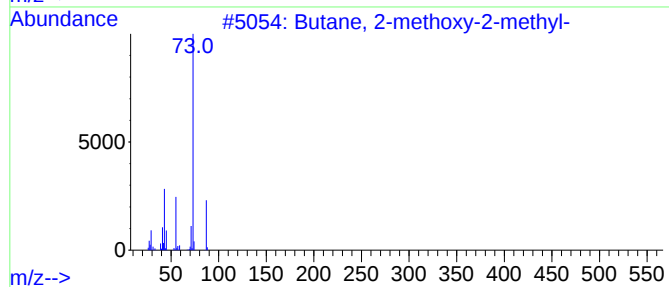
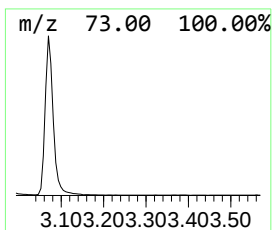
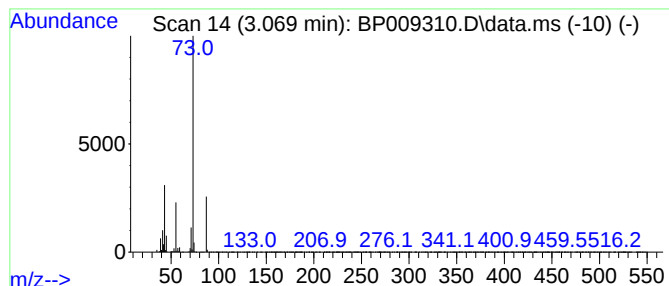
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 3.069 | 10.75 ng | 1417470 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 16   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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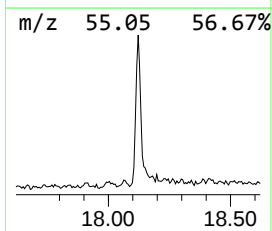
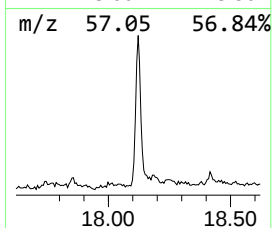
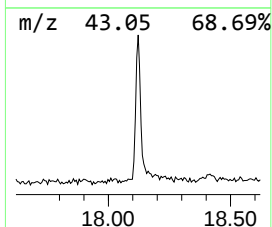
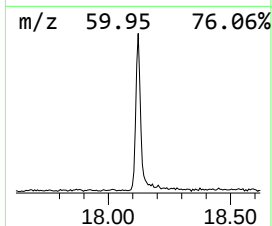
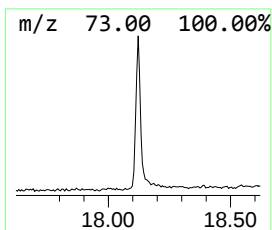
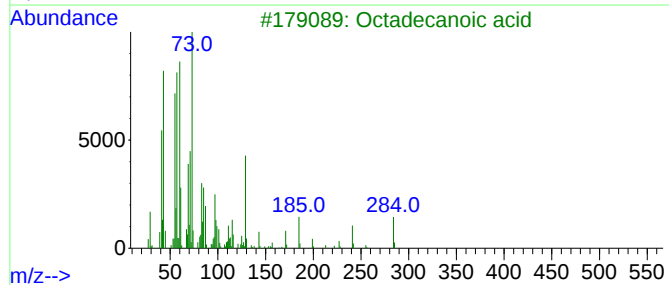
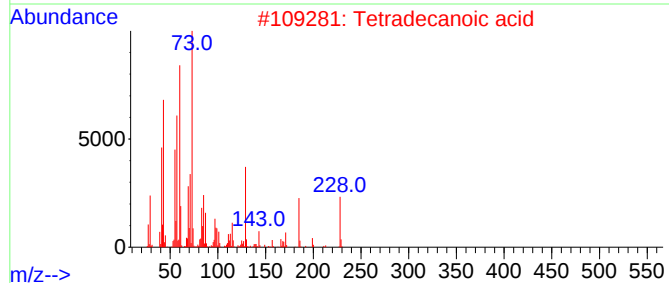
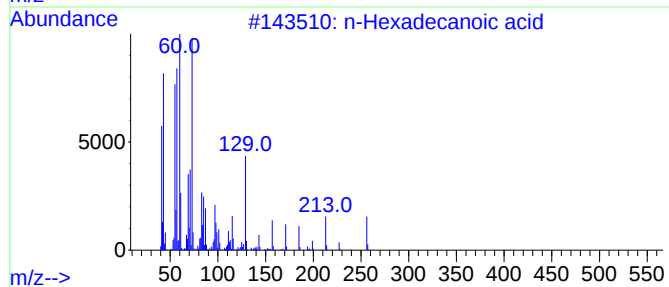
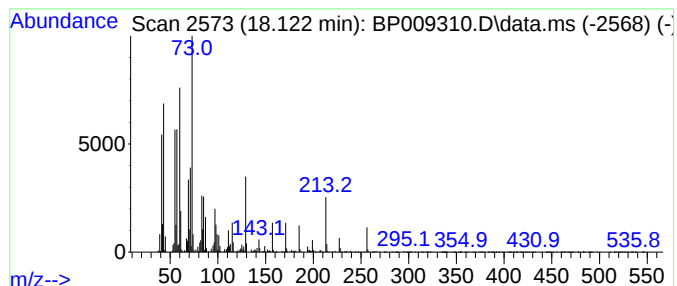
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.122 | 2.84 ng | 627647 | Phenanthrene-d10 | 17.216 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 3    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 4    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |



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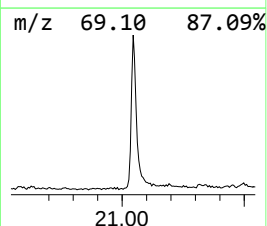
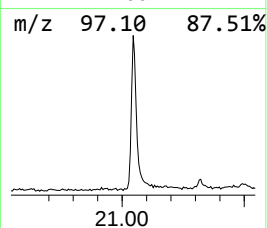
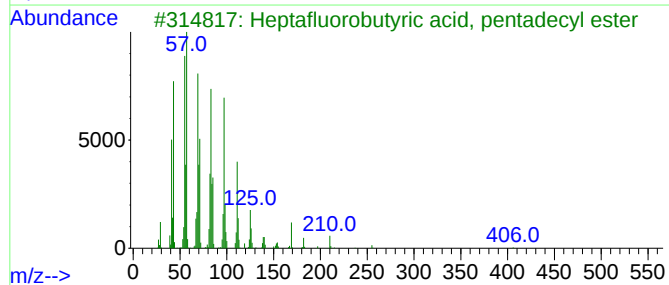
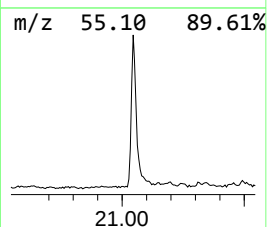
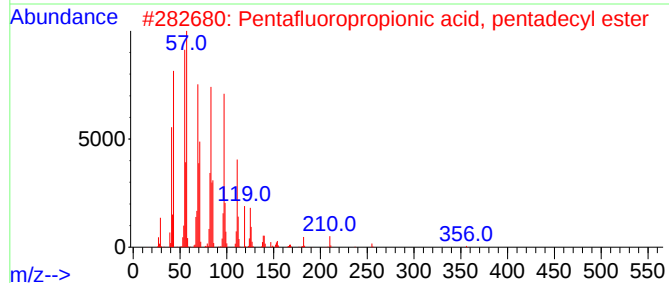
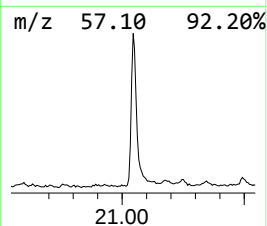
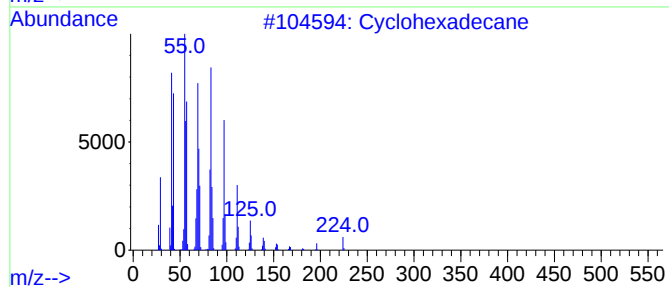
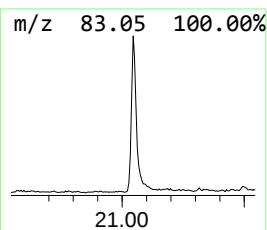
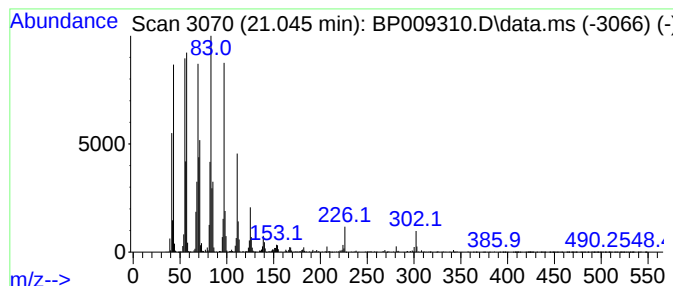
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cyclohexadecane Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.045 | 6.37 ng | 1987620 | Chrysene-d12     | 21.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8 | 95   |
| 2    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94   |
| 3    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 4    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 5    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 93   |



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BNA\_P  
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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 |
| Butane, 2-metho... | 3.069  | 10.8    | ng    | 1417470  | 1                     | 7.816  | 2638160 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 2.8     | ng    | 627647   | 4                     | 17.216 | 4413750 | 20.0 |
| Cyclohexadecane    | 21.045 | 6.4     | ng    | 1987620  | 5                     | 21.322 | 6236350 | 20.0 |