

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG021720\  
 Data File : BG044462.D  
 Acq On : 18 Feb 2020 00:52  
 Operator : CG/JU  
 Sample : L1546-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 INDIAN-ISLAND-(4)

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\_G\METHODS\8270-BG013020.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         | 4.991       | 317           | 324         | 335          | rBV2     | 46726          | 79962         | 2.14%           | 0.391%        |
| 2         | 5.472       | 398           | 406         | 418          | rBV      | 961442         | 1608908       | 43.07%          | 7.877%        |
| 3         | 7.065       | 669           | 677         | 695          | rBV      | 988985         | 1732623       | 46.38%          | 8.483%        |
| 4         | 7.887       | 810           | 817         | 826          | rBV      | 251564         | 430893        | 11.53%          | 2.110%        |
| 5         | 8.210       | 864           | 872         | 883          | rBV      | 786463         | 1379325       | 36.92%          | 6.753%        |
| 6         | 9.045       | 1005          | 1014        | 1027         | rBV      | 586557         | 1083887       | 29.01%          | 5.306%        |
| 7         | 10.690      | 1286          | 1294        | 1308         | rBV      | 324906         | 598095        | 16.01%          | 2.928%        |
| 8         | 13.152      | 1705          | 1713        | 1725         | rBV      | 1607074        | 2545606       | 68.14%          | 12.463%       |
| 9         | 13.986      | 1848          | 1855        | 1864         | rBV      | 55268          | 94114         | 2.52%           | 0.461%        |
| 10        | 14.526      | 1940          | 1947        | 1960         | rBV      | 537991         | 849229        | 22.73%          | 4.158%        |
| 11        | 16.019      | 2194          | 2201        | 2216         | rBV      | 1233248        | 1959777       | 52.46%          | 9.595%        |
| 12        | 17.270      | 2407          | 2414        | 2425         | rBV      | 663714         | 1009156       | 27.01%          | 4.941%        |
| 13        | 19.891      | 2853          | 2860        | 2872         | rBV      | 2772033        | 3735620       | 100.00%         | 18.289%       |
| 14        | 21.183      | 3075          | 3080        | 3090         | rBV      | 143070         | 236608        | 6.33%           | 1.158%        |
| 15        | 21.512      | 3129          | 3136        | 3147         | rBV      | 728475         | 1181872       | 31.64%          | 5.786%        |
| 16        | 21.718      | 3167          | 3171        | 3176         | rBV3     | 36293          | 52475         | 1.40%           | 0.257%        |
| 17        | 22.306      | 3266          | 3271        | 3282         | rBV3     | 53264          | 123571        | 3.31%           | 0.605%        |
| 18        | 22.969      | 3378          | 3384        | 3391         | rVB      | 52057          | 92795         | 2.48%           | 0.454%        |
| 19        | 23.739      | 3508          | 3515        | 3521         | rBV      | 59447          | 123497        | 3.31%           | 0.605%        |
| 20        | 24.591      | 3649          | 3660        | 3680         | rBV2     | 440298         | 1337134       | 35.79%          | 6.546%        |
| 21        | 25.707      | 3843          | 3850        | 3862         | rVB2     | 42147          | 119935        | 3.21%           | 0.587%        |
| 22        | 26.994      | 4063          | 4069        | 4078         | rVB8     | 15657          | 50613         | 1.35%           | 0.248%        |

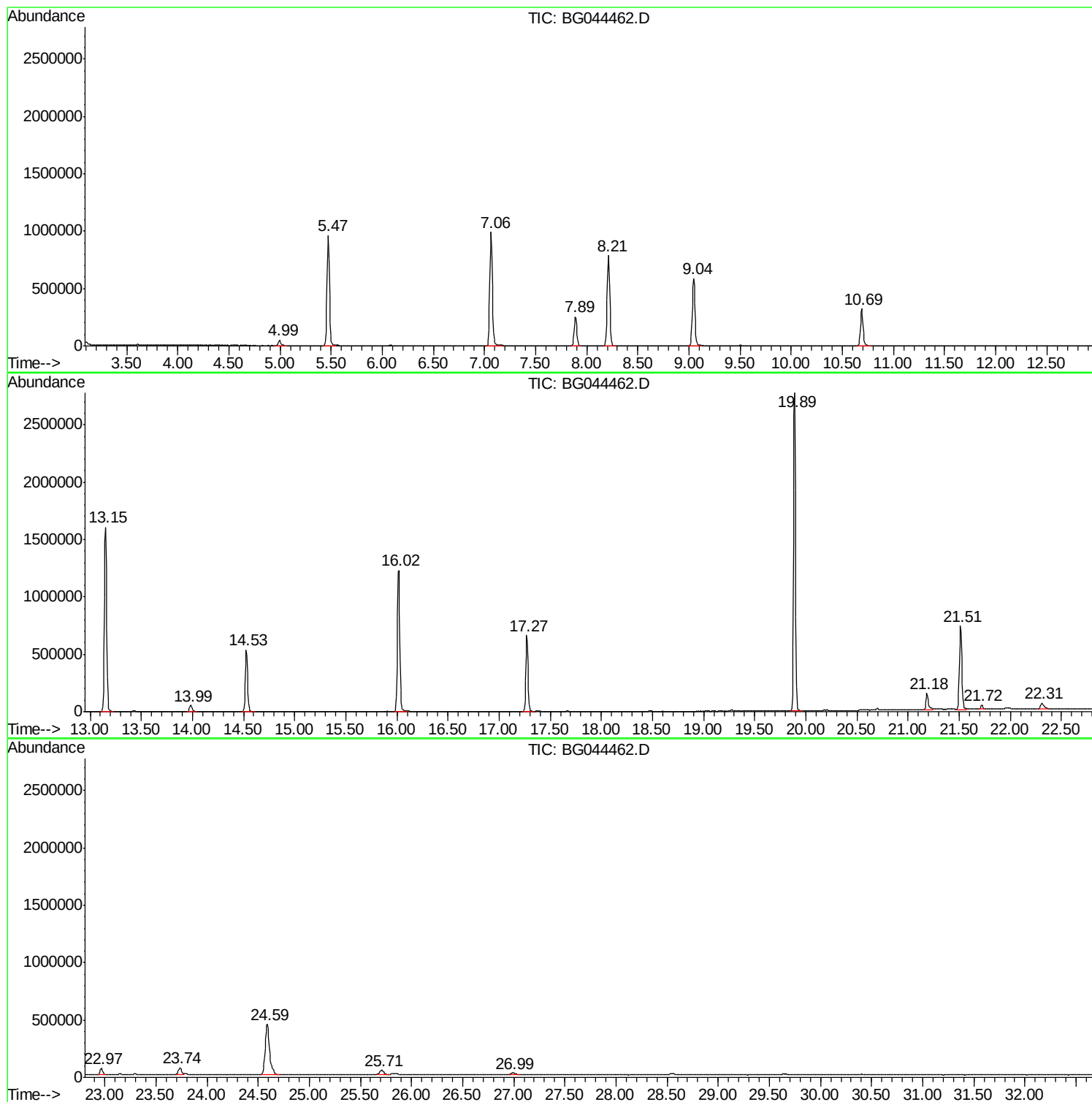
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
INDIAN-ISLAND-(4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG013020.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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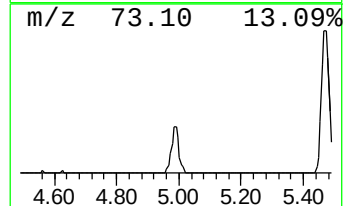
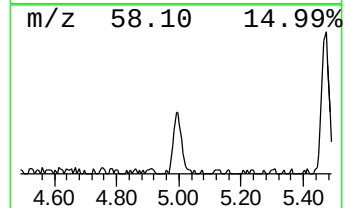
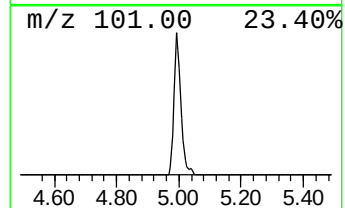
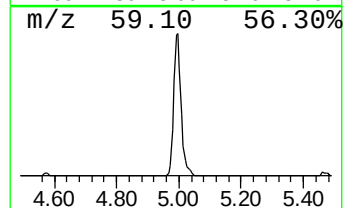
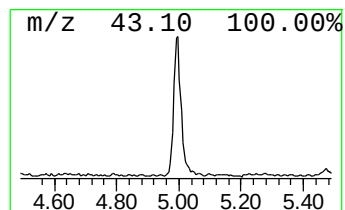
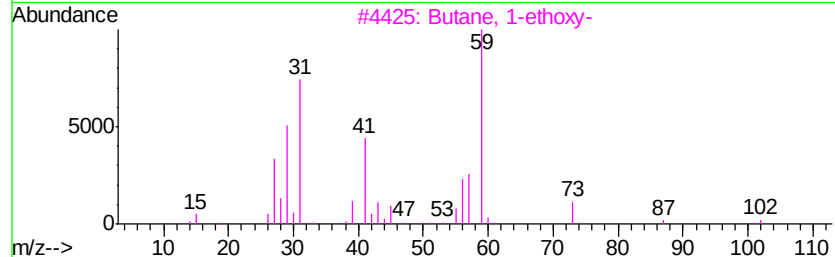
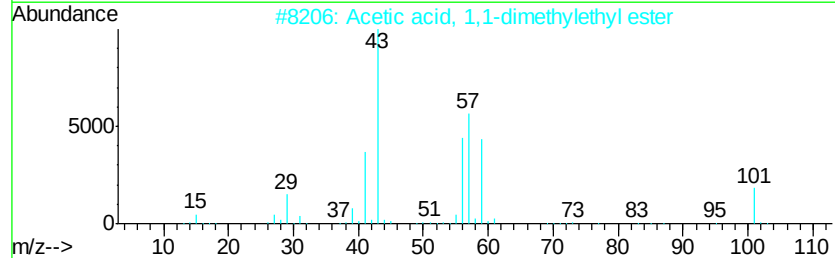
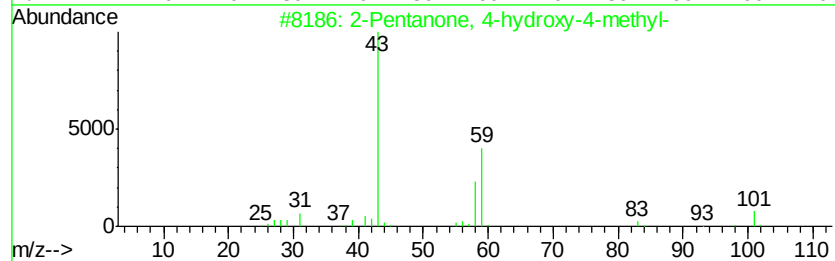
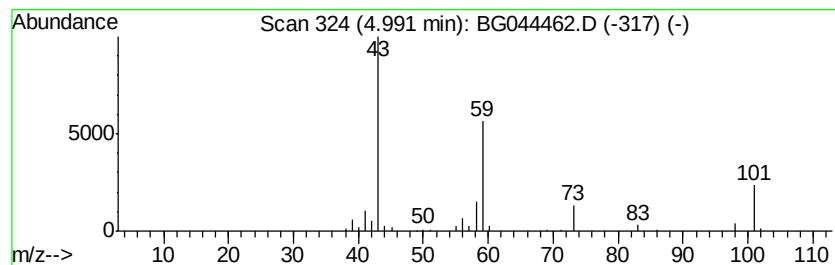
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.99 | 3.71 ng | 79962 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 50      |      |      |
| 2    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 36      |      |      |
| 3    | Butane, 1-ethoxy-                   | 102 | C6H14O       | 000628-81-9 | 32      |      |      |
| 4    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 17      |      |      |
| 5    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 16      |      |      |



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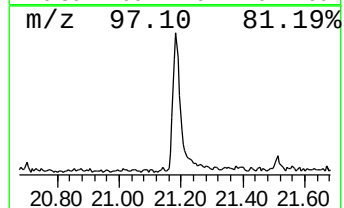
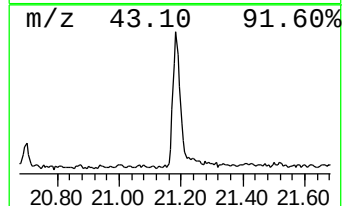
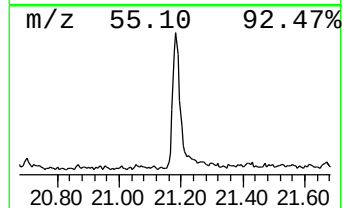
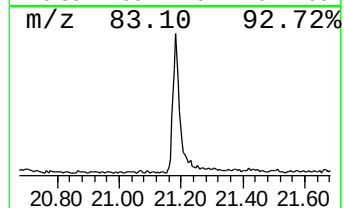
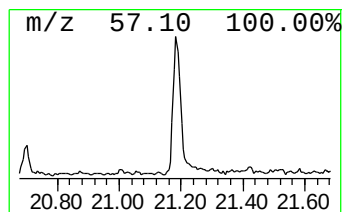
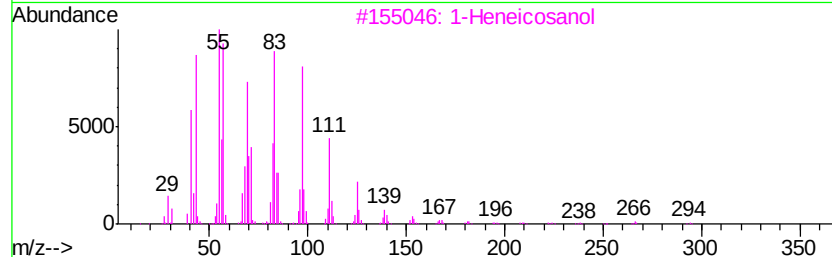
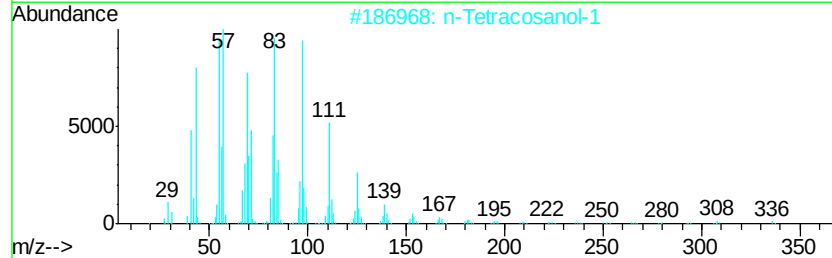
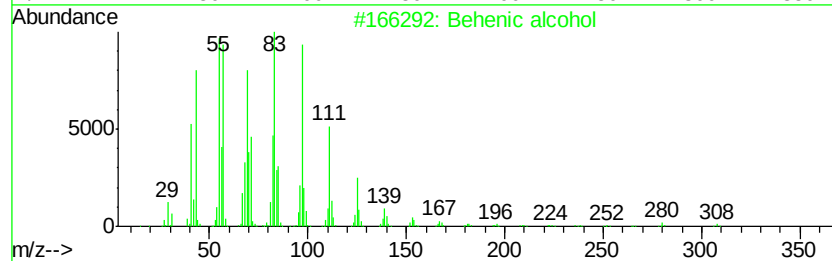
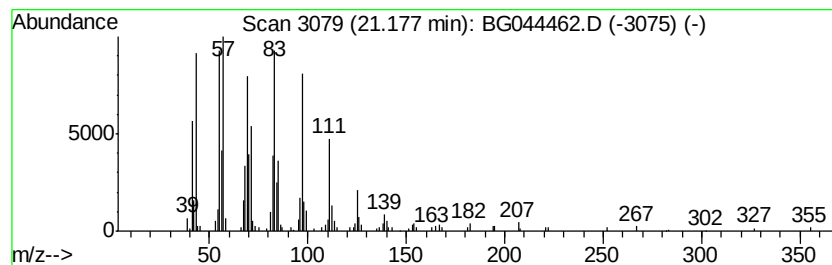
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Peak Number 3 Behenic alcohol Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.18 | 4.00 ng | 236608 | Chrysene-d12     | 21.51 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 93   |
| 2       |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 93   |
| 3       |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 4       |   | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7 | 93   |
| 5       |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |



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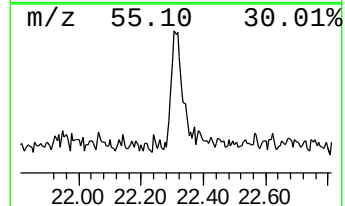
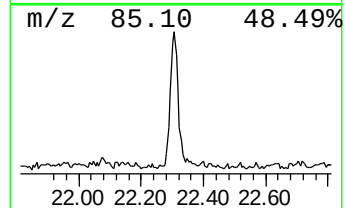
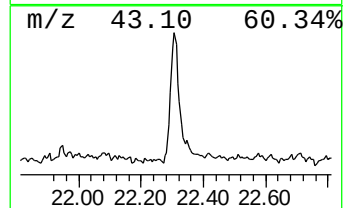
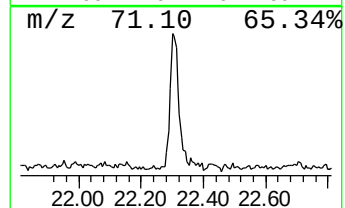
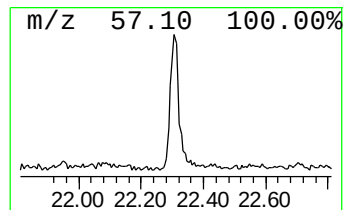
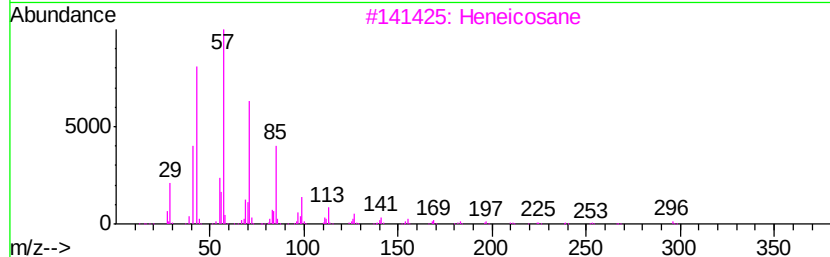
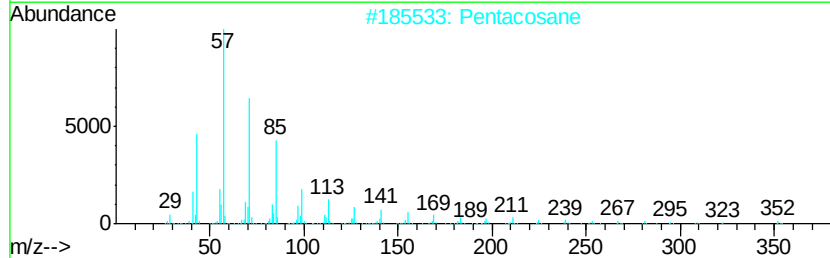
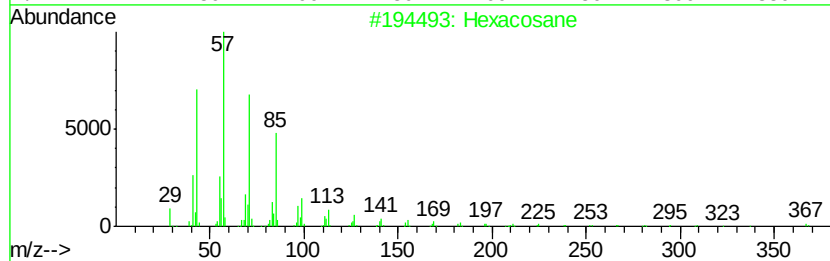
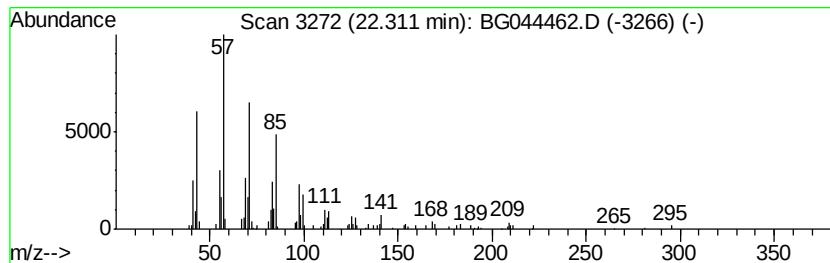
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexacosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.31 | 2.09 ng | 123571 | Chrysene-d12     | 21.51 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |
| 2    |    | Pentacosane           | 352 | C25H52  | 000629-99-2 | 87   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    | Octadecane            | 254 | C18H38  | 000593-45-3 | 86   |
| 5    |    | Hexadecane, 2-methyl- | 240 | C17H36  | 001560-92-5 | 86   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.99  | 3.7     | ng    | 79962    | 1                     | 7.89  | 430893  | 20.0 |
| Behenic alcohol      | 21.18 | 4.0     | ng    | 236608   | 5                     | 21.51 | 1181870 | 20.0 |
| Hexacosane           | 22.31 | 2.1     | ng    | 123571   | 5                     | 21.51 | 1181870 | 20.0 |