

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\  
 Data File : BG038426.D  
 Acq On : 8 Dec 2018 7:16  
 Operator : JU/SJ  
 Sample : J6019-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-1

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\_G\METHODS\8270-BG120418.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         | 5.614       | 390           | 396         | 408          | rBV      | 218700         | 370915        | 17.02%          | 3.518%        |
| 2         | 7.218       | 662           | 669         | 679          | rBV      | 151596         | 304340        | 13.97%          | 2.887%        |
| 3         | 7.594       | 726           | 733         | 742          | rBV      | 515830         | 832194        | 38.20%          | 7.893%        |
| 4         | 8.070       | 807           | 814         | 824          | rBV      | 98617          | 198833        | 9.13%           | 1.886%        |
| 5         | 8.393       | 861           | 869         | 879          | rVB      | 550912         | 1035300       | 47.52%          | 9.819%        |
| 6         | 9.245       | 1005          | 1014        | 1027         | rBV      | 336568         | 635783        | 29.18%          | 6.030%        |
| 7         | 10.890      | 1286          | 1294        | 1305         | rBV      | 123890         | 242370        | 11.12%          | 2.299%        |
| 8         | 13.322      | 1701          | 1708        | 1723         | rBV      | 937960         | 1489912       | 68.39%          | 14.131%       |
| 9         | 14.151      | 1841          | 1849        | 1859         | rBV      | 36501          | 61918         | 2.84%           | 0.587%        |
| 10        | 14.703      | 1935          | 1943        | 1950         | rBV2     | 224857         | 371245        | 17.04%          | 3.521%        |
| 11        | 16.190      | 2189          | 2196        | 2210         | rBV2     | 732487         | 1211201       | 55.59%          | 11.488%       |
| 12        | 17.453      | 2403          | 2411        | 2421         | rBV2     | 289629         | 470873        | 21.61%          | 4.466%        |
| 13        | 18.311      | 2551          | 2557        | 2563         | rBV2     | 37805          | 61601         | 2.83%           | 0.584%        |
| 14        | 19.574      | 2765          | 2772        | 2782         | rBV3     | 28366          | 57623         | 2.64%           | 0.547%        |
| 15        | 20.050      | 2847          | 2853        | 2861         | rBV      | 1599303        | 2178655       | 100.00%         | 20.664%       |
| 16        | 21.730      | 3131          | 3139        | 3147         | rBV      | 299141         | 519874        | 23.86%          | 4.931%        |
| 17        | 25.026      | 3683          | 3700        | 3718         | rVB3     | 159763         | 500786        | 22.99%          | 4.750%        |

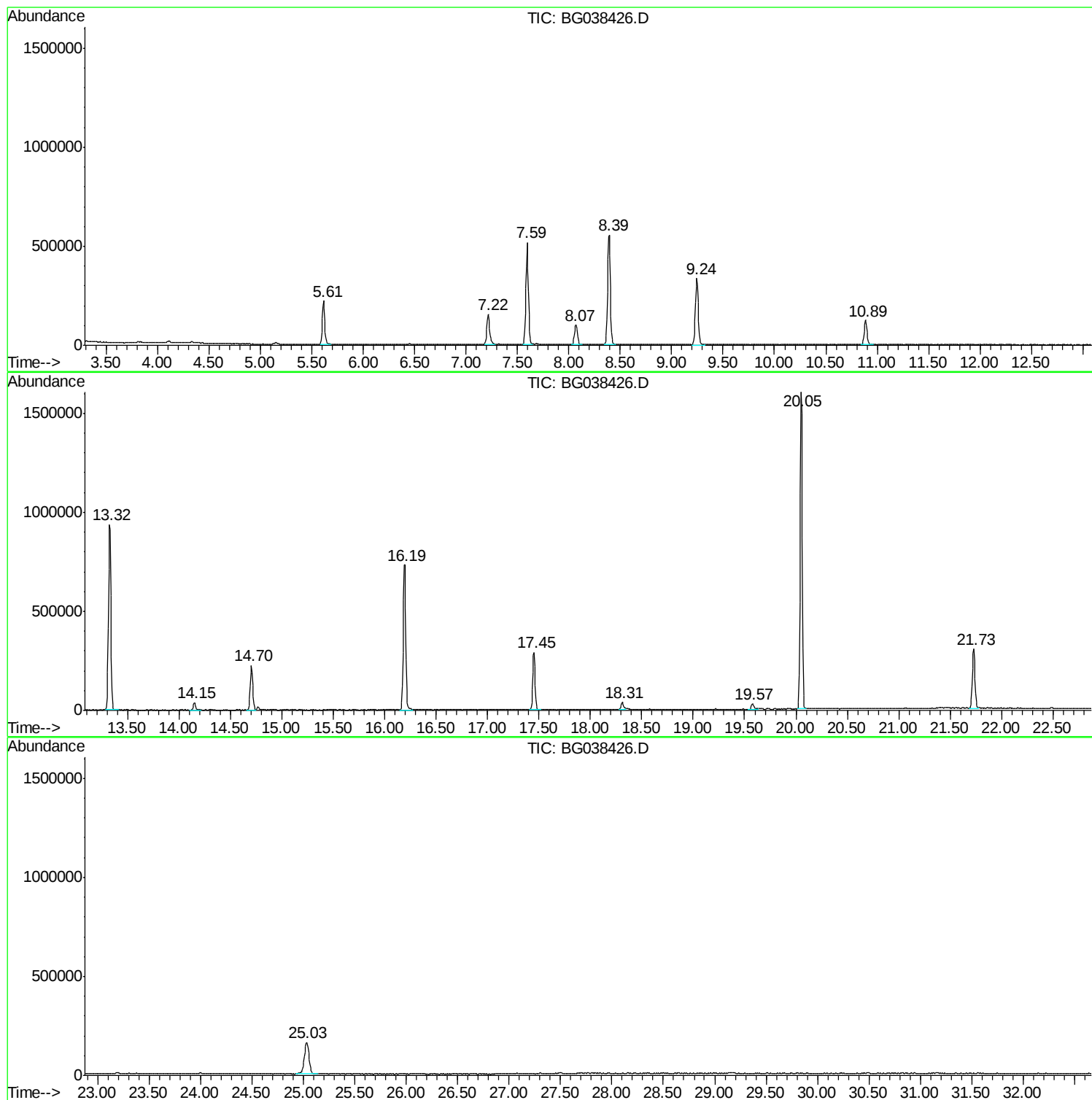
Sum of corrected areas: 10543423

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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 :  
BNA\_G  
ClientSampled :  
MW-1

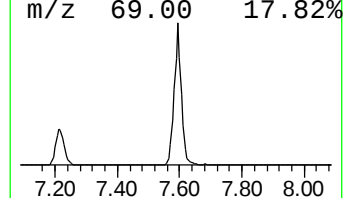
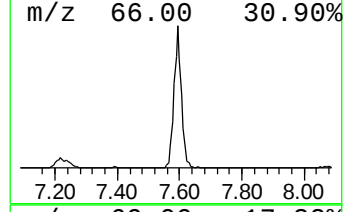
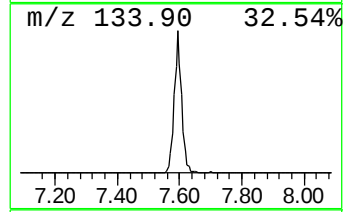
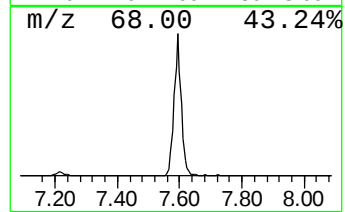
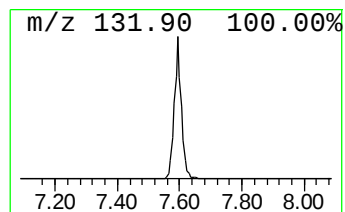
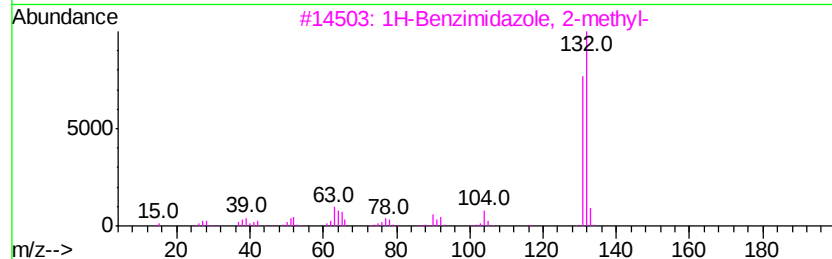
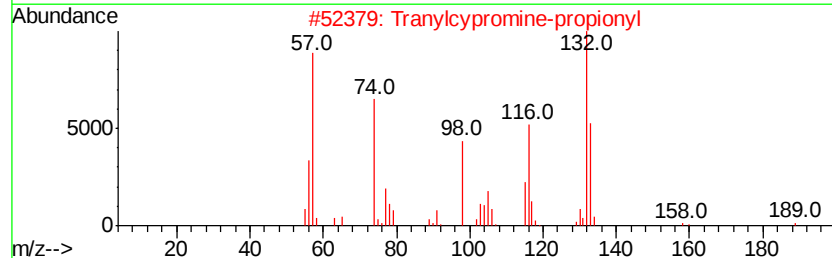
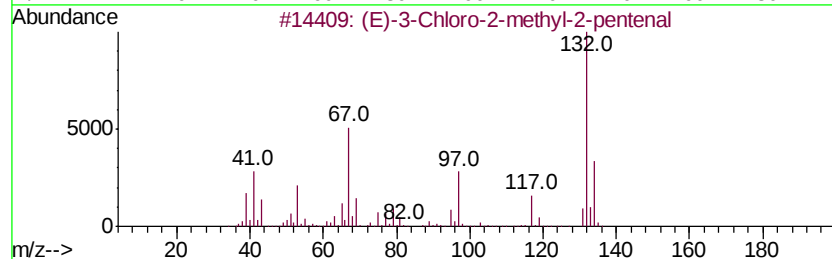
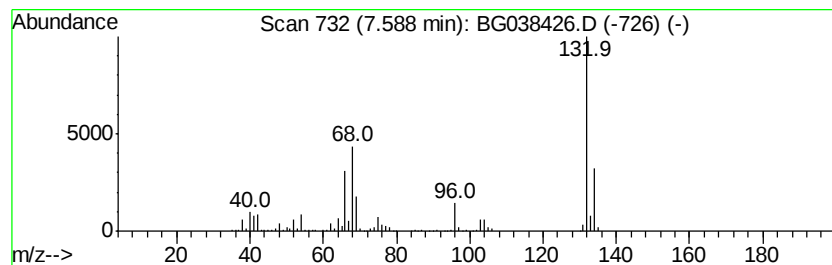
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown7.59 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.59 | 83.71 ng | 832194 | 1,4-Dichlorobenzene-d4 | 8.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 12   |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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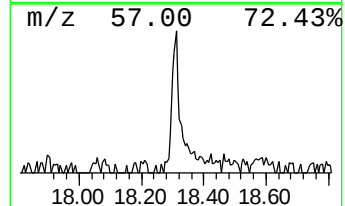
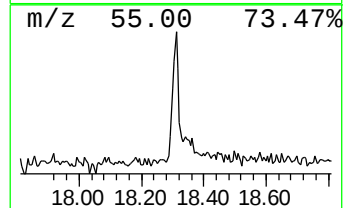
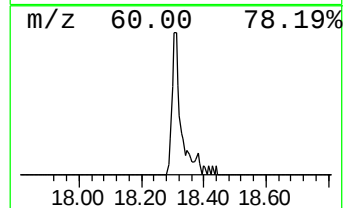
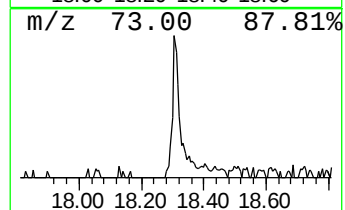
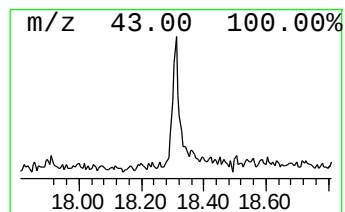
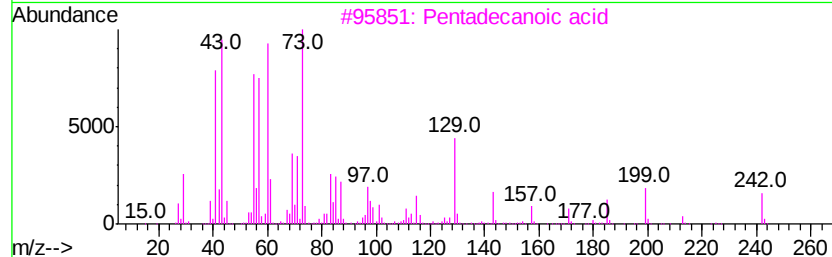
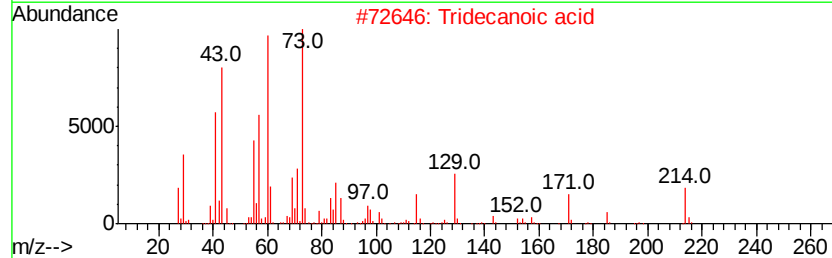
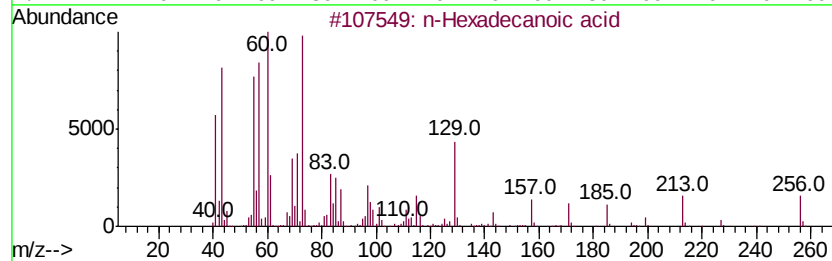
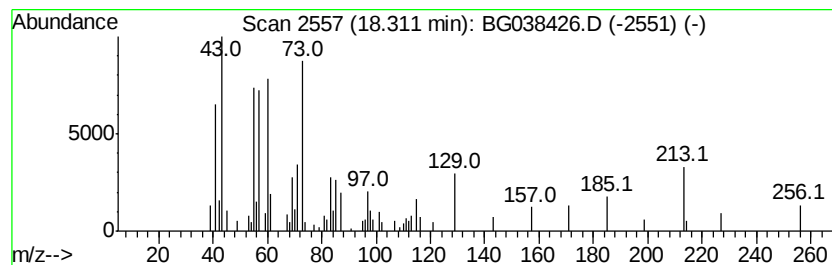
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.31 | 2.62 ng | 61601 | Phenanthrene-d10 | 17.45 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 3    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 68   |
| 4    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 59   |



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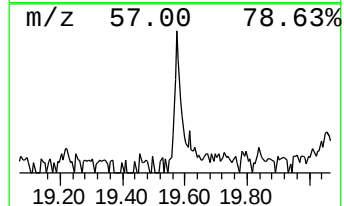
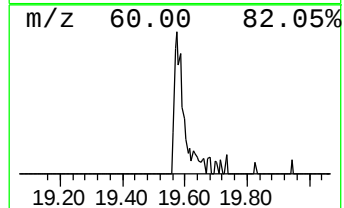
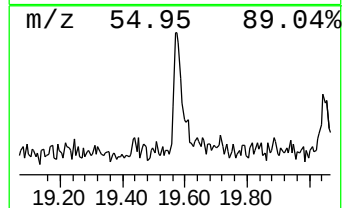
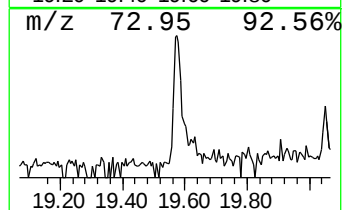
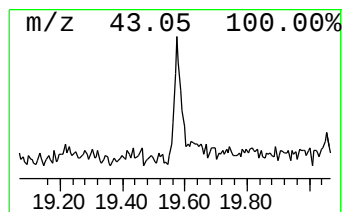
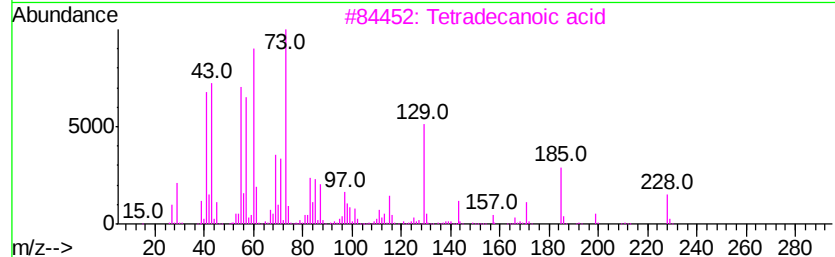
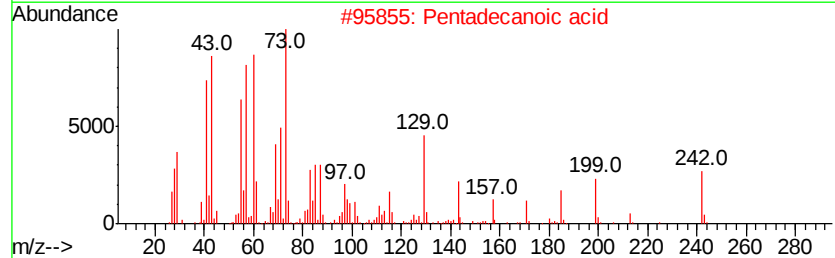
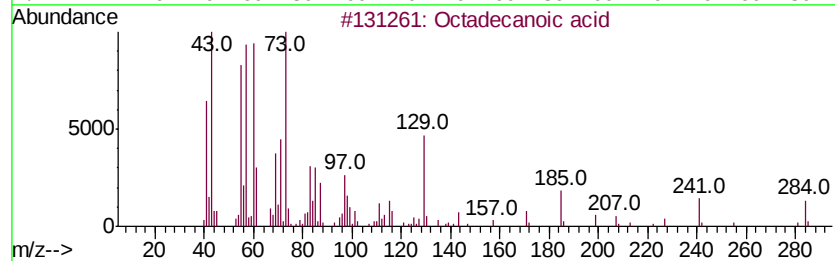
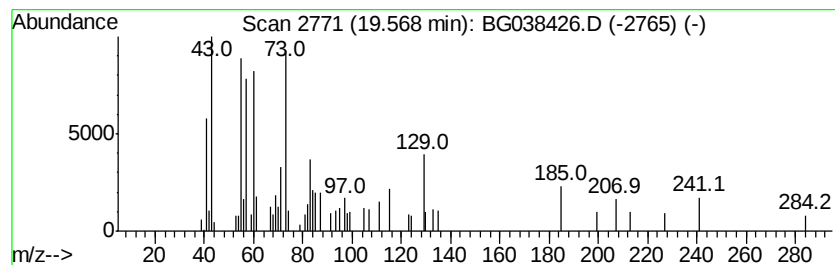
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 19.57 | 2.45 ng | 57623 | Phenanthrene-d10 | 17.45 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|---------|---|-------------------------------------|-----|----------|--------------|------|
| 1       |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4  | 89   |
| 2       |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2  | 52   |
| 3       |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8  | 49   |
| 4       |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3  | 43   |
| 5       |   | Methyl 6-O-[1-methylpropyl]-.bet... | 250 | C11H22O6 | 1000126-15-7 | 38   |



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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown7.59         | 7.59  | 83.7    | ng    | 832194   | 1                     | 8.07  | 198833 | 20.0 |
| n-Hexadecanoic acid | 18.31 | 2.6     | ng    | 61601    | 4                     | 17.45 | 470873 | 20.0 |
| Octadecanoic acid   | 19.57 | 2.5     | ng    | 57623    | 4                     | 17.45 | 470873 | 20.0 |