

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\  
 Data File : BM030142.D  
 Acq On : 22 May 2021 09:36  
 Operator : CG/JU  
 Sample : M2459-04  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0GK4

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % 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\_M\METHODS\SFAM-EPA-BM050721.M  
 Title : SVOA 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         | 3.034       | 22            | 25          | 34           | rVB      | 21777          | 30731         | 0.55%           | 0.071%        |
| 2         | 3.652       | 125           | 130         | 137          | rVB      | 14377          | 28488         | 0.51%           | 0.066%        |
| 3         | 5.922       | 512           | 516         | 522          | rBV6     | 4175           | 8577          | 0.15%           | 0.020%        |
| 4         | 6.705       | 644           | 649         | 668          | rBV2     | 72300          | 194945        | 3.46%           | 0.449%        |
| 5         | 6.858       | 670           | 675         | 694          | rBV      | 365680         | 689000        | 12.24%          | 1.588%        |
| 6         | 7.046       | 701           | 707         | 725          | rBV      | 430321         | 806075        | 14.32%          | 1.858%        |
| 7         | 7.505       | 779           | 785         | 799          | rBV      | 524201         | 909483        | 16.16%          | 2.097%        |
| 8         | 8.228       | 902           | 908         | 924          | rBV      | 264677         | 551851        | 9.80%           | 1.272%        |
| 9         | 8.663       | 975           | 982         | 1004         | rBV      | 517049         | 1008690       | 17.92%          | 2.325%        |
| 10        | 9.075       | 1047          | 1052        | 1057         | rVB5     | 5671           | 9507          | 0.17%           | 0.022%        |
| 11        | 9.381       | 1097          | 1104        | 1124         | rBV      | 433517         | 851781        | 15.13%          | 1.964%        |
| 12        | 9.916       | 1189          | 1195        | 1227         | rBV      | 425256         | 1128116       | 20.04%          | 2.601%        |
| 13        | 10.275      | 1249          | 1256        | 1275         | rBV      | 812441         | 1412221       | 25.09%          | 3.255%        |
| 14        | 10.493      | 1289          | 1293        | 1296         | rBV4     | 6924           | 12387         | 0.22%           | 0.029%        |
| 15        | 11.916      | 1530          | 1535        | 1543         | rBV4     | 6579           | 14581         | 0.26%           | 0.034%        |
| 16        | 13.063      | 1726          | 1730        | 1736         | rVB5     | 4091           | 6183          | 0.11%           | 0.014%        |
| 17        | 13.581      | 1812          | 1818        | 1824         | rBV      | 1535898        | 2180059       | 38.73%          | 5.025%        |
| 18        | 13.628      | 1824          | 1826        | 1835         | rVB      | 80349          | 122032        | 2.17%           | 0.281%        |
| 19        | 13.845      | 1857          | 1863        | 1882         | rBV      | 1744189        | 2564824       | 45.56%          | 5.912%        |
| 20        | 14.157      | 1909          | 1916        | 1929         | rBV      | 1331660        | 1976045       | 35.10%          | 4.555%        |
| 21        | 15.028      | 2060          | 2064        | 2068         | rVB7     | 5289           | 7566          | 0.13%           | 0.017%        |
| 22        | 15.157      | 2079          | 2086        | 2104         | rBV      | 2376363        | 3437196       | 61.06%          | 7.923%        |
| 23        | 15.298      | 2104          | 2110        | 2124         | rVV      | 793225         | 1256758       | 22.32%          | 2.897%        |
| 24        | 15.404      | 2124          | 2128        | 2139         | rVB3     | 32195          | 66712         | 1.19%           | 0.154%        |
| 25        | 15.892      | 2208          | 2211        | 2214         | rBV4     | 6800           | 9514          | 0.17%           | 0.022%        |
| 26        | 15.945      | 2217          | 2220        | 2226         | rVB7     | 7996           | 11183         | 0.20%           | 0.026%        |
| 27        | 16.586      | 2327          | 2329        | 2335         | rVB4     | 3520           | 6495          | 0.12%           | 0.015%        |
| 28        | 16.698      | 2343          | 2348        | 2352         | rBV5     | 7401           | 14216         | 0.25%           | 0.033%        |
| 29        | 16.904      | 2377          | 2383        | 2394         | rBV      | 1654971        | 2323986       | 41.28%          | 5.357%        |
| 30        | 17.004      | 2394          | 2400        | 2422         | rVV      | 2943803        | 4243438       | 75.38%          | 9.782%        |
| 31        | 17.816      | 2534          | 2538        | 2547         | rBV      | 69835          | 133231        | 2.37%           | 0.307%        |
| 32        | 18.622      | 2672          | 2675        | 2682         | rBV8     | 4414           | 8891          | 0.16%           | 0.020%        |
| 33        | 18.945      | 2725          | 2730        | 2734         | rBV2     | 29381          | 44310         | 0.79%           | 0.102%        |
| 34        | 19.110      | 2755          | 2758        | 2766         | rBV8     | 15517          | 30256         | 0.54%           | 0.070%        |

## LSC Area Percent Report

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ALS Vial : 58 Sample Multiplier: 1

Instrument :  
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C0GK4

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Filtering: 5  
Min Area: 0.1 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 19.198 | 2769 | 2773 | 2780 | rVB  | 24885   | 38047   | 0.68%   | 0.088%  |
| 36 | 19.304 | 2785 | 2791 | 2803 | rBV  | 3768738 | 5141174 | 91.33%  | 11.851% |
| 37 | 20.821 | 3045 | 3049 | 3065 | rBV  | 290384  | 530079  | 9.42%   | 1.222%  |
| 38 | 21.098 | 3091 | 3096 | 3106 | rBV  | 2067547 | 2728949 | 48.48%  | 6.291%  |
| 39 | 22.598 | 3349 | 3351 | 3357 | rVB2 | 92307   | 102713  | 1.82%   | 0.237%  |
| 40 | 23.104 | 3430 | 3437 | 3451 | rBV2 | 3046212 | 5629460 | 100.00% | 12.977% |
| 41 | 23.239 | 3453 | 3460 | 3477 | rVB2 | 1535882 | 2892181 | 51.38%  | 6.667%  |
| 42 | 23.733 | 3541 | 3544 | 3550 | rVB2 | 133793  | 218094  | 3.87%   | 0.503%  |

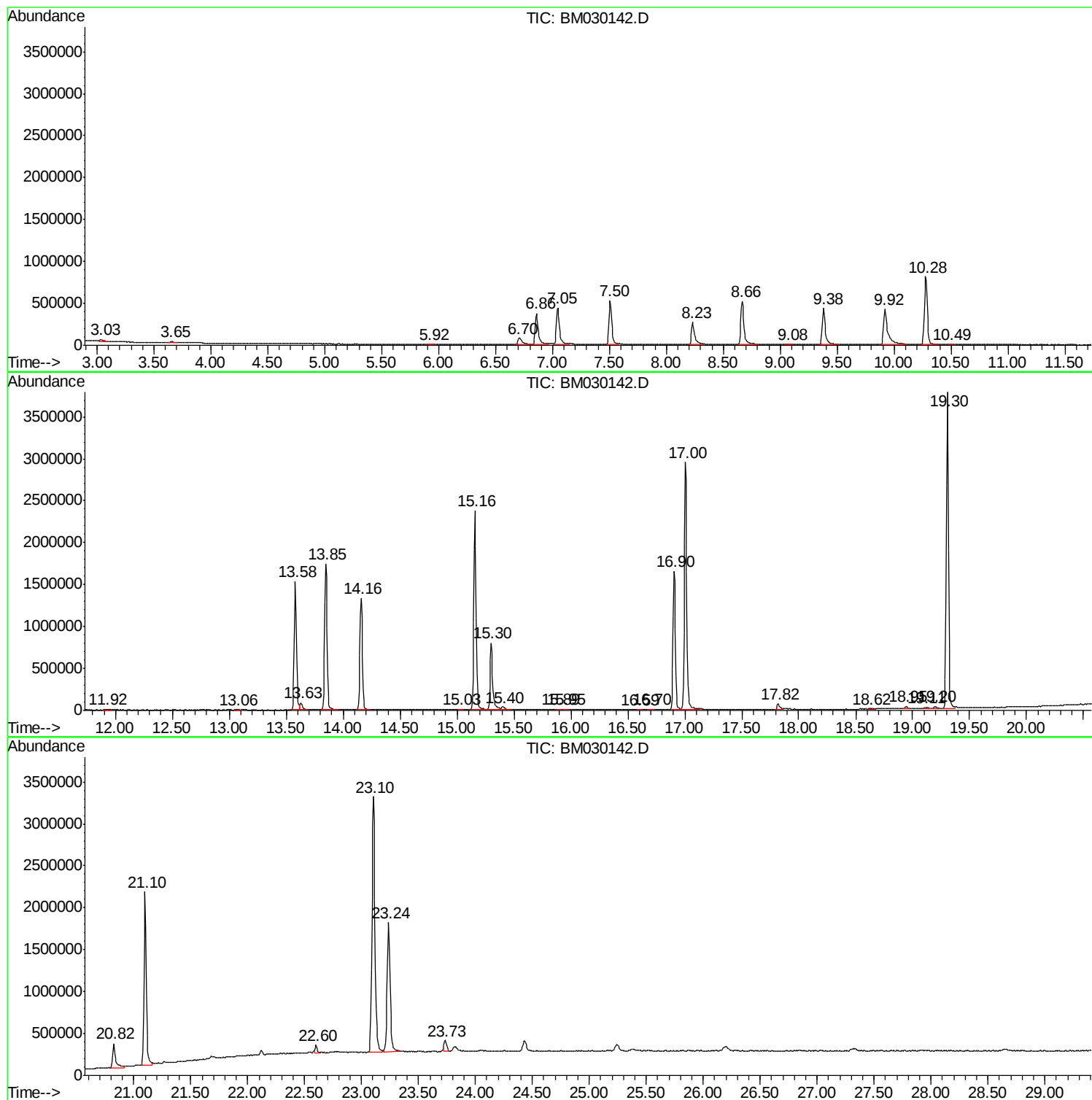
Sum of corrected areas: 43380025

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
Quant Title : SVOA CALIBRATION

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



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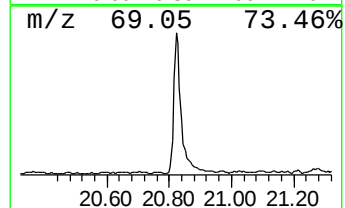
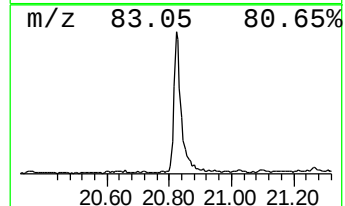
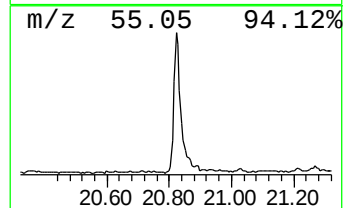
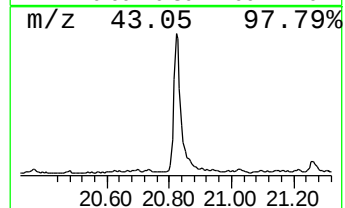
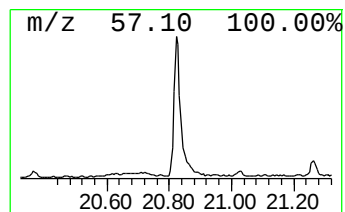
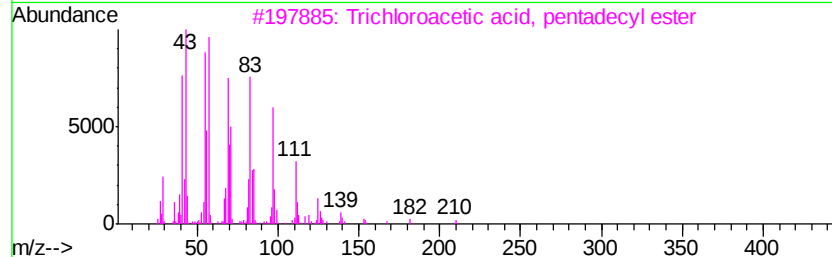
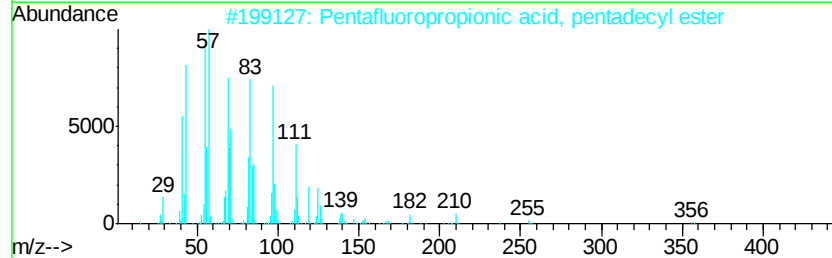
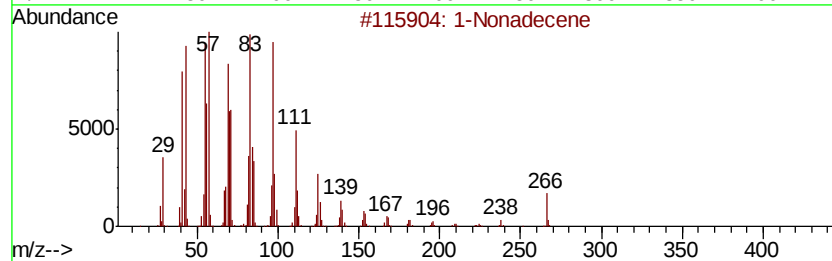
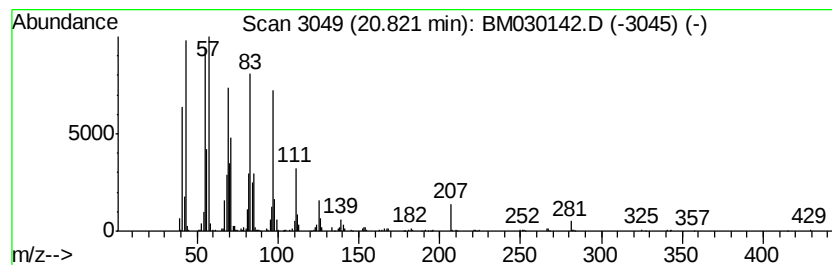
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.82 | 3.88 ng/ul | 530079 | Chrysene-d12     | 21.10 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 98   |
| 2    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 91   |
| 3    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 91   |
| 4    |    |   | 2- Chloropropionic acid, pentade... | 318 | C18H35ClO2  | 1000292-44-1 | 91   |
| 5    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| -----                |       |         |       |          |                       |       |         |      |
| (DEL) Alkane: Str... | 20.82 | 3.9     | ng/ul | 530079   | 5                     | 21.10 | 2728950 | 20.0 |