

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071616\  
 Data File : BM006486.D  
 Acq On : 16 Jul 2016 20:02  
 Operator : UM/SJ  
 Sample : H3959-21  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJ38

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM071416.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         | 6.792       | 709           | 715         | 730          | rBV      | 809710         | 1339837       | 27.73%          | 2.903%        |
| 2         | 6.957       | 736           | 743         | 756          | rBV      | 612705         | 964503        | 19.96%          | 2.090%        |
| 3         | 7.151       | 769           | 776         | 790          | rBV      | 823945         | 1316727       | 27.25%          | 2.853%        |
| 4         | 7.616       | 848           | 855         | 865          | rBV      | 493990         | 799549        | 16.55%          | 1.733%        |
| 5         | 8.322       | 968           | 975         | 994          | rBV      | 938976         | 1612000       | 33.36%          | 3.493%        |
| 6         | 8.769       | 1044          | 1051        | 1066         | rBV      | 775763         | 1291287       | 26.72%          | 2.798%        |
| 7         | 9.486       | 1166          | 1173        | 1186         | rBV      | 646649         | 1083286       | 22.42%          | 2.347%        |
| 8         | 10.022      | 1257          | 1264        | 1286         | rBV      | 890028         | 1574735       | 32.59%          | 3.412%        |
| 9         | 10.392      | 1320          | 1327        | 1339         | rBV      | 670375         | 1145025       | 23.69%          | 2.481%        |
| 10        | 10.539      | 1342          | 1352        | 1370         | rBV      | 826537         | 1526718       | 31.59%          | 3.308%        |
| 11        | 13.680      | 1878          | 1886        | 1890         | rBV      | 1599909        | 2218934       | 45.92%          | 4.808%        |
| 12        | 13.727      | 1890          | 1894        | 1910         | rVB      | 644279         | 986555        | 20.41%          | 2.138%        |
| 13        | 13.957      | 1926          | 1933        | 1947         | rBV      | 1740673        | 2716512       | 56.21%          | 5.887%        |
| 14        | 14.268      | 1979          | 1986        | 1996         | rVB2     | 902352         | 1482179       | 30.67%          | 3.212%        |
| 15        | 14.486      | 2017          | 2023        | 2039         | rBV      | 636977         | 1101858       | 22.80%          | 2.388%        |
| 16        | 15.127      | 2128          | 2132        | 2138         | rBV2     | 36339          | 48889         | 1.01%           | 0.106%        |
| 17        | 15.262      | 2146          | 2155        | 2167         | rBV      | 2191637        | 3309748       | 68.49%          | 7.172%        |
| 18        | 15.398      | 2172          | 2178        | 2191         | rBV      | 620423         | 959797        | 19.86%          | 2.080%        |
| 19        | 15.992      | 2274          | 2279        | 2286         | rBV      | 55117          | 92242         | 1.91%           | 0.200%        |
| 20        | 16.786      | 2407          | 2414        | 2421         | rBV2     | 52281          | 95362         | 1.97%           | 0.207%        |
| 21        | 17.015      | 2447          | 2453        | 2461         | rBV2     | 1165822        | 1795041       | 37.14%          | 3.890%        |
| 22        | 17.115      | 2463          | 2470        | 2482         | rVB      | 2568709        | 3647891       | 75.49%          | 7.905%        |
| 23        | 19.421      | 2855          | 2862        | 2876         | rBV      | 2916408        | 4303235       | 89.05%          | 9.325%        |
| 24        | 20.933      | 3114          | 3119        | 3130         | rBV      | 111376         | 269026        | 5.57%           | 0.583%        |
| 25        | 21.215      | 3161          | 3167        | 3179         | rBV      | 1868616        | 2437733       | 50.44%          | 5.282%        |
| 26        | 22.244      | 3339          | 3342        | 3349         | rVB2     | 48342          | 61945         | 1.28%           | 0.134%        |
| 27        | 22.738      | 3422          | 3426        | 3432         | rBV2     | 65550          | 97661         | 2.02%           | 0.212%        |
| 28        | 23.274      | 3509          | 3517        | 3527         | rBV2     | 2440953        | 4832525       | 100.00%         | 10.472%       |
| 29        | 23.409      | 3533          | 3540        | 3549         | rVB      | 1263983        | 2431596       | 50.32%          | 5.269%        |
| 30        | 23.915      | 3621          | 3626        | 3635         | rVB      | 103434         | 202081        | 4.18%           | 0.438%        |
| 31        | 24.632      | 3743          | 3748        | 3757         | rVB2     | 101783         | 227217        | 4.70%           | 0.492%        |
| 32        | 25.474      | 3886          | 3891        | 3900         | rVB5     | 76831          | 176465        | 3.65%           | 0.382%        |

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Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 1 % 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

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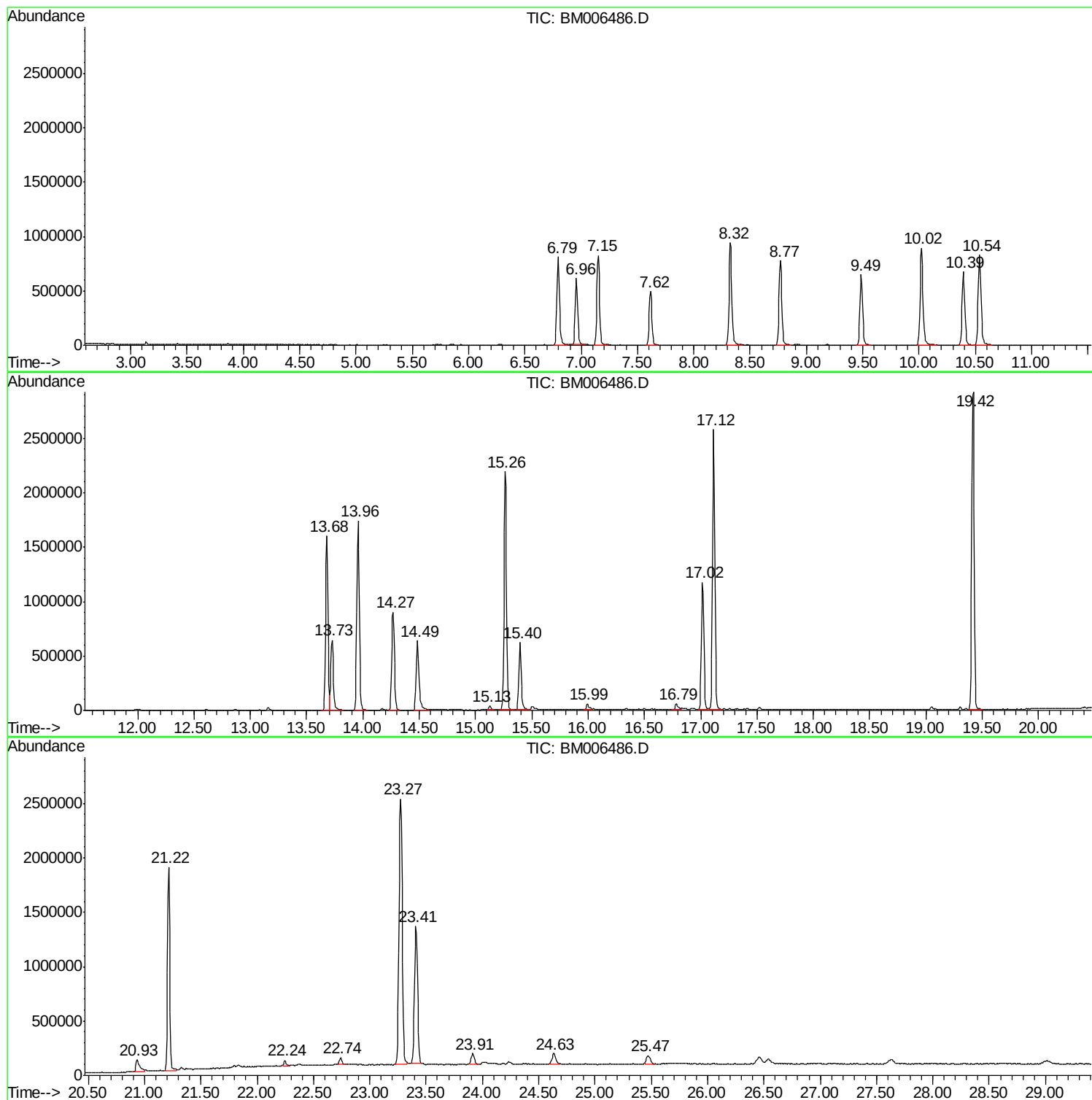
Sum of corrected areas: 46148159

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM071416.M  
Quant Title : SVOA CALIBRATION

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



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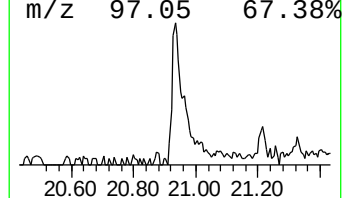
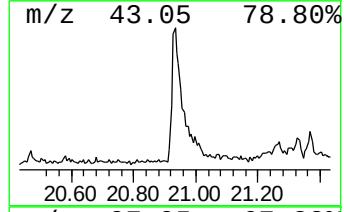
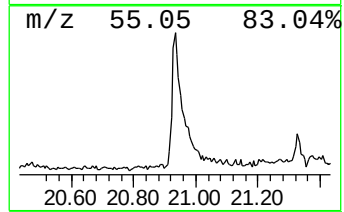
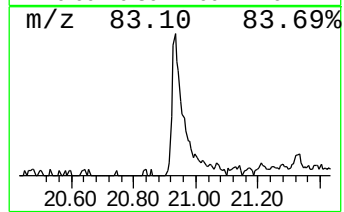
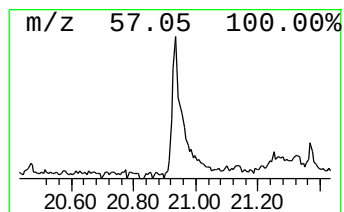
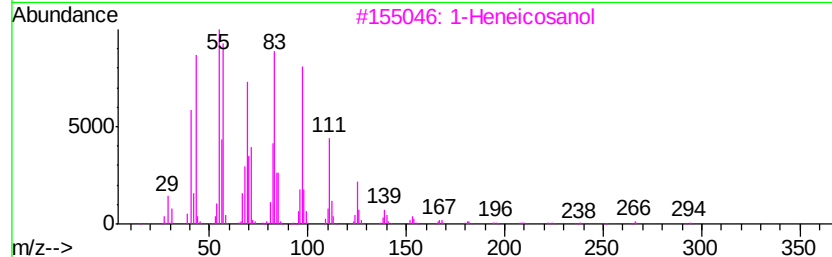
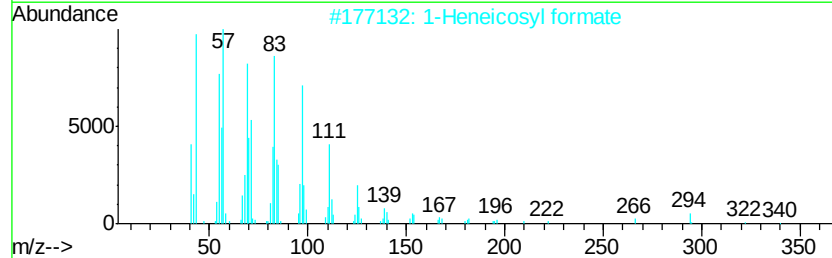
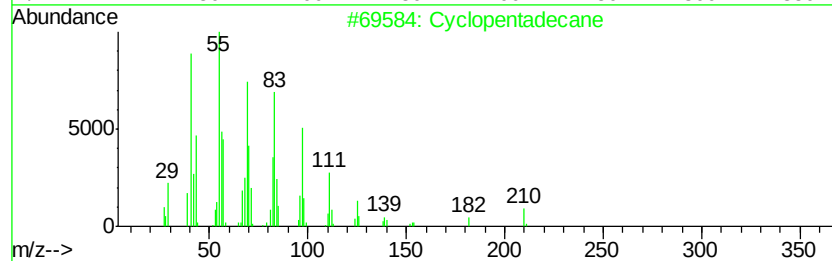
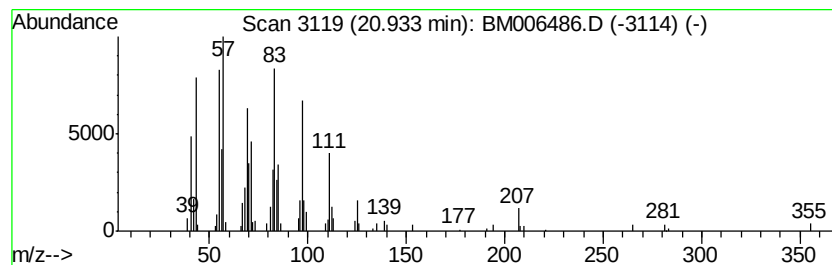
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Peak Number 1 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.       |             |      |
|---------|------------|-------------------------------------|------------------|------------|-------------|------|
| 20.93   | 2.21 ng/ul | 269026                              | Chrysene-d12     | 21.22      |             |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm    | CAS#        | Qual |
| 1       |            | Cyclopentadecane                    | 210              | C15H30     | 000295-48-7 | 97   |
| 2       |            | 1-Heneicosyl formate                | 340              | C22H44O2   | 077899-03-7 | 93   |
| 3       |            | 1-Heneicosanol                      | 312              | C21H44O    | 015594-90-8 | 93   |
| 4       |            | Trifluoroacetic acid, pentadecyl... | 324              | C17H31F3O2 | 959010-23-2 | 93   |
| 5       |            | Pentafluoropropionic acid, penta... | 374              | C18H31F5O2 | 959092-08-1 | 93   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Cyc... | 20.93 | 2.2     | ng/ul | 269026   | 5                     | 21.22 | 2437730 | 20.0 |