

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111416\  
 Data File : BM007866.D  
 Acq On : 14 Nov 2016 21:46  
 Operator : UM/SJ  
 Sample : H5610-16  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD4N1

## 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-BM102016.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         | 3.281       | 114           | 118         | 124          | rBV      | 42135          | 57676         | 1.25%           | 0.122%        |
| 2         | 4.498       | 321           | 325         | 335          | rVB      | 112301         | 177336        | 3.85%           | 0.375%        |
| 3         | 6.910       | 729           | 735         | 750          | rBV      | 716004         | 1316025       | 28.58%          | 2.783%        |
| 4         | 7.075       | 756           | 763         | 774          | rBV      | 573977         | 916265        | 19.90%          | 1.937%        |
| 5         | 7.269       | 790           | 796         | 812          | rBV      | 753567         | 1249972       | 27.14%          | 2.643%        |
| 6         | 7.734       | 866           | 875         | 884          | rBV      | 662581         | 1066934       | 23.17%          | 2.256%        |
| 7         | 8.439       | 989           | 995         | 1013         | rVB      | 865464         | 1471948       | 31.96%          | 3.113%        |
| 8         | 8.892       | 1065          | 1072        | 1086         | rBV      | 673532         | 1192559       | 25.90%          | 2.522%        |
| 9         | 9.610       | 1187          | 1194        | 1211         | rVB      | 556200         | 972928        | 21.13%          | 2.057%        |
| 10        | 10.139      | 1278          | 1284        | 1305         | rBV      | 775600         | 1489448       | 32.34%          | 3.150%        |
| 11        | 10.510      | 1336          | 1347        | 1355         | rBV      | 817378         | 1411056       | 30.64%          | 2.984%        |
| 12        | 10.663      | 1366          | 1373        | 1393         | rBV      | 521961         | 1072272       | 23.28%          | 2.267%        |
| 13        | 13.780      | 1896          | 1903        | 1907         | rBV      | 1506459        | 2146029       | 46.60%          | 4.538%        |
| 14        | 13.827      | 1907          | 1911        | 1920         | rVB      | 1261184        | 1786068       | 38.79%          | 3.777%        |
| 15        | 14.063      | 1942          | 1951        | 1963         | rBV      | 1723641        | 2543073       | 55.22%          | 5.377%        |
| 16        | 14.368      | 1996          | 2003        | 2018         | rVB      | 1235058        | 1819626       | 39.51%          | 3.848%        |
| 17        | 14.592      | 2034          | 2041        | 2058         | rBV      | 381465         | 900810        | 19.56%          | 1.905%        |
| 18        | 15.215      | 2142          | 2147        | 2152         | rVB2     | 58612          | 78429         | 1.70%           | 0.166%        |
| 19        | 15.362      | 2166          | 2172        | 2180         | rBV      | 2192913        | 3224277       | 70.02%          | 6.818%        |
| 20        | 15.504      | 2190          | 2196        | 2210         | rBV      | 489060         | 781071        | 16.96%          | 1.652%        |
| 21        | 15.609      | 2210          | 2214        | 2221         | rVB7     | 35679          | 72294         | 1.57%           | 0.153%        |
| 22        | 16.080      | 2289          | 2294        | 2297         | rBV      | 87863          | 123173        | 2.67%           | 0.260%        |
| 23        | 16.874      | 2424          | 2429        | 2432         | rBV      | 73306          | 94846         | 2.06%           | 0.201%        |
| 24        | 17.115      | 2464          | 2470        | 2476         | rBV2     | 1489845        | 2146763       | 46.62%          | 4.539%        |
| 25        | 17.215      | 2481          | 2487        | 2499         | rVB      | 2451172        | 3517635       | 76.39%          | 7.438%        |
| 26        | 17.609      | 2550          | 2554        | 2558         | rBV      | 62290          | 74645         | 1.62%           | 0.158%        |
| 27        | 18.009      | 2617          | 2622        | 2627         | rBV      | 107318         | 161301        | 3.50%           | 0.341%        |
| 28        | 18.303      | 2667          | 2672        | 2679         | rBV3     | 66542          | 105752        | 2.30%           | 0.224%        |
| 29        | 19.150      | 2812          | 2816        | 2818         | rBV2     | 37725          | 50578         | 1.10%           | 0.107%        |
| 30        | 19.180      | 2818          | 2821        | 2828         | rVB      | 54708          | 84055         | 1.83%           | 0.178%        |
| 31        | 19.292      | 2836          | 2840        | 2844         | rBV4     | 36051          | 54788         | 1.19%           | 0.116%        |
| 32        | 19.515      | 2872          | 2878        | 2888         | rBV      | 3106290        | 4397771       | 95.50%          | 9.299%        |
| 33        | 21.009      | 3128          | 3132        | 3141         | rBV2     | 203264         | 363063        | 7.88%           | 0.768%        |
| 34        | 21.303      | 3177          | 3182        | 3194         | rBV      | 2127680        | 2957473       | 64.22%          | 6.254%        |

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|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 23.409 | 3534 | 3540 | 3551 | rVB2 | 2413799 | 4605044 | 100.00% | 9.738% |
| 36 | 23.556 | 3559 | 3565 | 3575 | rVB2 | 1493196 | 2808347 | 60.98%  | 5.938% |

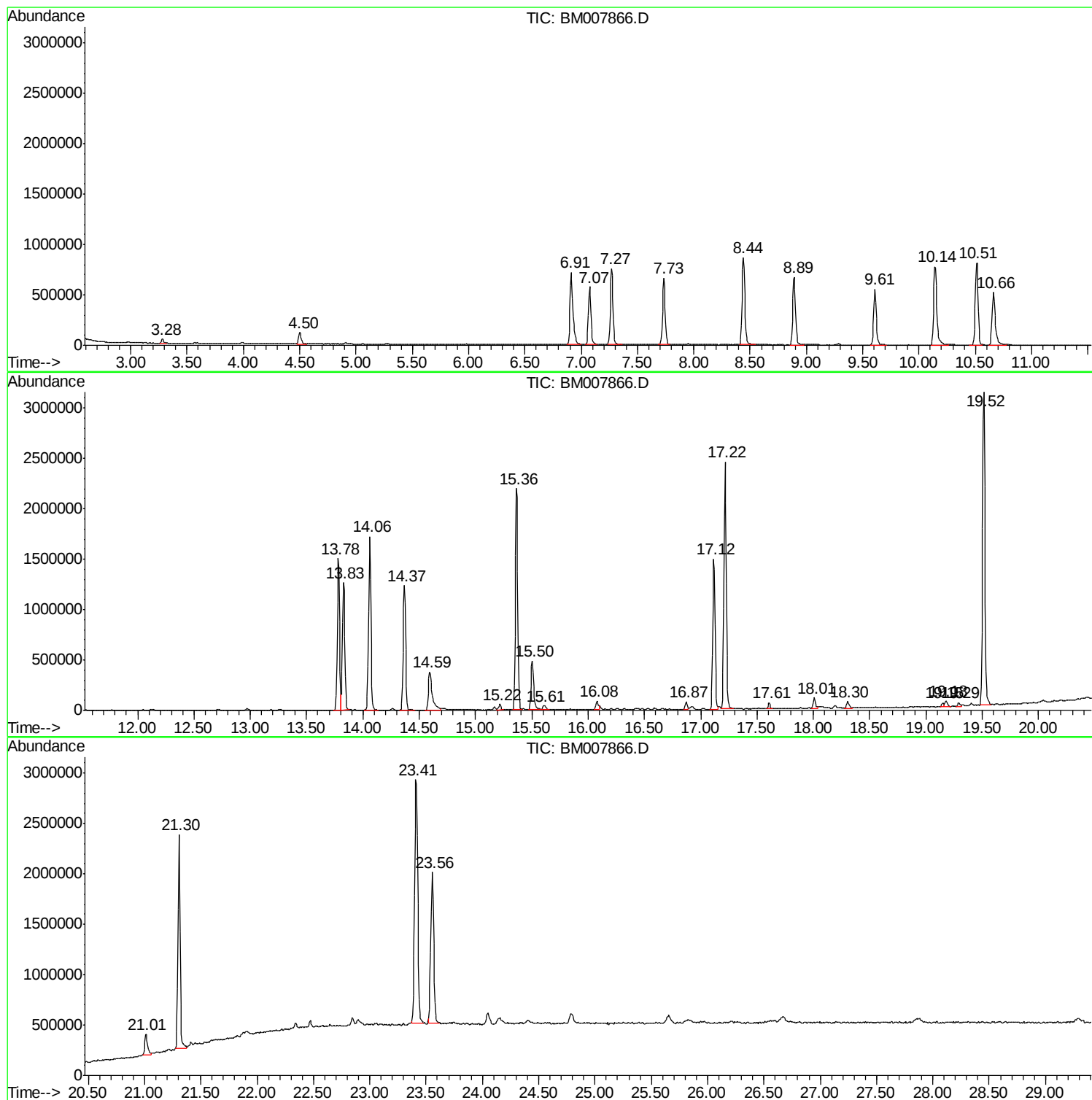
Sum of corrected areas: 47291330

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM102016.M  
Quant Title : SVOA CALIBRATION

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



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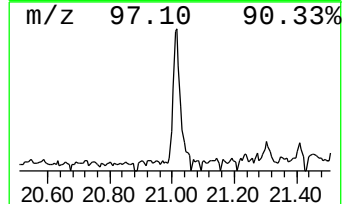
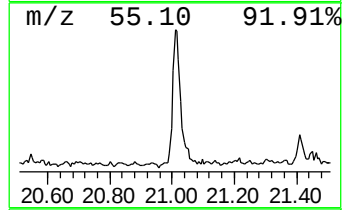
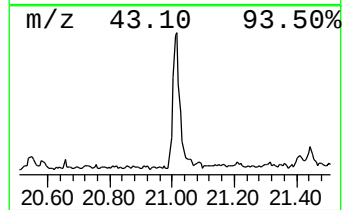
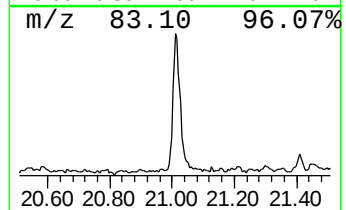
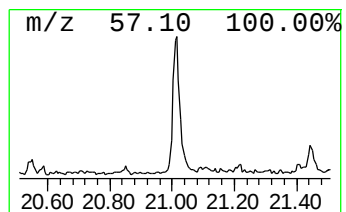
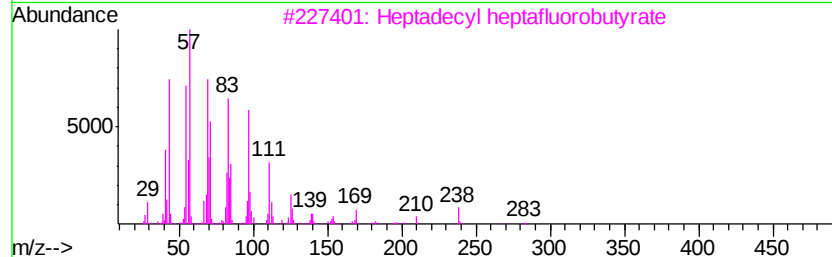
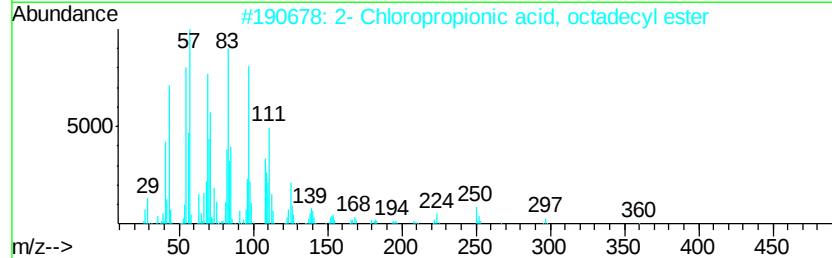
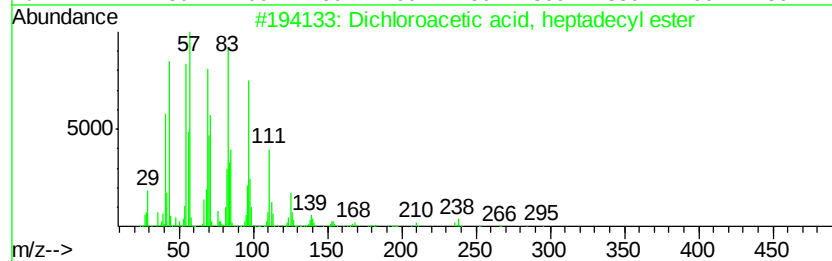
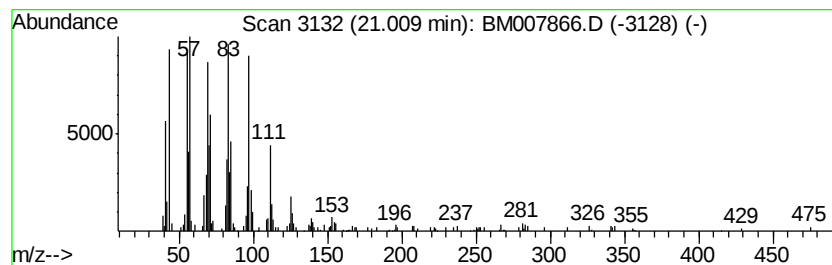
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dichloroacetic acid, heptadec... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.01 | 2.46 ng/ul | 363063 | Chrysene-d12     | 21.30 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 95   |
| 2    |    |   | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 94   |
| 3    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 94   |
| 4    |    |   | Cyclotetradecane                    | 196 | C14H28      | 000295-17-0  | 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 |
| Dichloroacetic ac... | 21.01 | 2.5     | ng/ul | 363063   | 5                     | 21.30 | 2957470 | 20.0 |