

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\  
 Data File : BG042226.D  
 Acq On : 15 Aug 2019 13:02  
 Operator : HP/JU  
 Sample : K4183-19  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AK4

## 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\_G\METHODS\SOM-EPA-BG080319MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.143    | 4          | 9        | 26        | rVB   | 501516      | 807959     | 52.41%       | 4.628%     |
| 2      | 3.407    | 50         | 54       | 62        | rVB   | 10101       | 16158      | 1.05%        | 0.093%     |
| 3      | 3.713    | 105        | 106      | 109       | rBV3  | 1418        | 1880       | 0.12%        | 0.011%     |
| 4      | 4.071    | 164        | 167      | 173       | rVB4  | 3138        | 5928       | 0.38%        | 0.034%     |
| 5      | 4.165    | 181        | 183      | 187       | rVB3  | 1909        | 2244       | 0.15%        | 0.013%     |
| 6      | 5.088    | 336        | 340      | 343       | rBV4  | 2664        | 3891       | 0.25%        | 0.022%     |
| 7      | 6.386    | 558        | 561      | 566       | rVB5  | 1179        | 1578       | 0.10%        | 0.009%     |
| 8      | 6.662    | 604        | 608      | 616       | rVB5  | 2791        | 4310       | 0.28%        | 0.025%     |
| 9      | 7.179    | 689        | 696      | 715       | rBV2  | 191116      | 408096     | 26.47%       | 2.338%     |
| 10     | 7.338    | 717        | 723      | 736       | rBV   | 145381      | 261143     | 16.94%       | 1.496%     |
| 11     | 7.549    | 751        | 759      | 773       | rBV   | 215676      | 401383     | 26.03%       | 2.299%     |
| 12     | 7.643    | 773        | 775      | 780       | rVB4  | 1821        | 2441       | 0.16%        | 0.014%     |
| 13     | 8.025    | 832        | 840      | 849       | rBV   | 196738      | 350318     | 22.72%       | 2.007%     |
| 14     | 8.736    | 953        | 961      | 974       | rBV   | 252522      | 484701     | 31.44%       | 2.776%     |
| 15     | 9.189    | 1030       | 1038     | 1050      | rBV   | 194004      | 359742     | 23.33%       | 2.061%     |
| 16     | 9.635    | 1109       | 1114     | 1118      | rVB3  | 2649        | 4471       | 0.29%        | 0.026%     |
| 17     | 9.917    | 1152       | 1162     | 1177      | rBV   | 166729      | 319659     | 20.73%       | 1.831%     |
| 18     | 10.470   | 1247       | 1256     | 1269      | rBV   | 277896      | 551423     | 35.77%       | 3.159%     |
| 19     | 10.846   | 1312       | 1320     | 1332      | rVB   | 291851      | 521515     | 33.83%       | 2.987%     |
| 20     | 10.981   | 1335       | 1343     | 1363      | rVV   | 232414      | 494268     | 32.06%       | 2.831%     |
| 21     | 12.455   | 1586       | 1594     | 1599      | rBV3  | 4043        | 8510       | 0.55%        | 0.049%     |
| 22     | 13.578   | 1782       | 1785     | 1793      | rVB3  | 1702        | 3450       | 0.22%        | 0.020%     |
| 23     | 13.830   | 1825       | 1828     | 1831      | rBV2  | 1495        | 1554       | 0.10%        | 0.009%     |
| 24     | 14.012   | 1854       | 1859     | 1864      | rVB2  | 28038       | 39204      | 2.54%        | 0.225%     |
| 25     | 14.083   | 1864       | 1871     | 1875      | rBV   | 506253      | 771365     | 50.03%       | 4.418%     |
| 26     | 14.130   | 1875       | 1879     | 1889      | rVB   | 123944      | 196599     | 12.75%       | 1.126%     |
| 27     | 14.377   | 1914       | 1921     | 1931      | rBV   | 630664      | 1041229    | 67.54%       | 5.964%     |
| 28     | 14.530   | 1943       | 1947     | 1948      | rVB3  | 2007        | 1738       | 0.11%        | 0.010%     |
| 29     | 14.588   | 1955       | 1957     | 1962      | rVB4  | 1590        | 1818       | 0.12%        | 0.010%     |
| 30     | 14.682   | 1966       | 1973     | 1983      | rVV   | 476677      | 770686     | 49.99%       | 4.414%     |
| 31     | 14.753   | 1983       | 1985     | 1989      | rVB3  | 2025        | 2100       | 0.14%        | 0.012%     |
| 32     | 14.882   | 1998       | 2007     | 2024      | rBV2  | 101086      | 265380     | 17.21%       | 1.520%     |
| 33     | 15.005   | 2026       | 2028     | 2033      | rVB4  | 2556        | 3137       | 0.20%        | 0.018%     |
| 34     | 15.099   | 2039       | 2044     | 2048      | rVB7  | 3503        | 5478       | 0.36%        | 0.031%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 15.423 | 2095 | 2099 | 2104 | rVB2 | 6985    | 9473    | 0.61%   | 0.054% |
| 36 | 15.534 | 2114 | 2118 | 2120 | rBV4 | 3080    | 3491    | 0.23%   | 0.020% |
| 37 | 15.675 | 2135 | 2142 | 2154 | rVB  | 827502  | 1279558 | 83.00%  | 7.329% |
| 38 | 15.799 | 2157 | 2163 | 2176 | rBV  | 141511  | 241597  | 15.67%  | 1.384% |
| 39 | 15.922 | 2179 | 2184 | 2192 | rVB2 | 10992   | 19148   | 1.24%   | 0.110% |
| 40 | 16.163 | 2219 | 2225 | 2227 | rBV6 | 3214    | 6075    | 0.39%   | 0.035% |
| 41 | 16.398 | 2260 | 2265 | 2271 | rBV7 | 3970    | 8638    | 0.56%   | 0.049% |
| 42 | 16.463 | 2273 | 2276 | 2282 | rVB4 | 4382    | 6209    | 0.40%   | 0.036% |
| 43 | 16.568 | 2293 | 2294 | 2298 | rVB3 | 2394    | 1597    | 0.10%   | 0.009% |
| 44 | 16.598 | 2298 | 2299 | 2304 | rVB5 | 1463    | 1734    | 0.11%   | 0.010% |
| 45 | 16.674 | 2306 | 2312 | 2316 | rVB4 | 5880    | 8803    | 0.57%   | 0.050% |
| 46 | 16.827 | 2336 | 2338 | 2342 | rVB4 | 2065    | 2984    | 0.19%   | 0.017% |
| 47 | 16.950 | 2357 | 2359 | 2361 | rBV3 | 1433    | 1797    | 0.12%   | 0.010% |
| 48 | 17.097 | 2382 | 2384 | 2386 | rBV2 | 2438    | 2080    | 0.13%   | 0.012% |
| 49 | 17.438 | 2435 | 2442 | 2448 | rBV2 | 549202  | 893377  | 57.95%  | 5.117% |
| 50 | 17.532 | 2452 | 2458 | 2470 | rVV2 | 812635  | 1314661 | 85.27%  | 7.530% |
| 51 | 17.608 | 2470 | 2471 | 2473 | rVV2 | 4054    | 2192    | 0.14%   | 0.013% |
| 52 | 17.632 | 2473 | 2475 | 2478 | rVB4 | 3561    | 3056    | 0.20%   | 0.018% |
| 53 | 17.931 | 2523 | 2526 | 2528 | rBV3 | 4560    | 6279    | 0.41%   | 0.036% |
| 54 | 18.325 | 2590 | 2593 | 2599 | rVB5 | 20475   | 29373   | 1.91%   | 0.168% |
| 55 | 18.619 | 2641 | 2643 | 2646 | rBV4 | 4780    | 6094    | 0.40%   | 0.035% |
| 56 | 19.823 | 2842 | 2848 | 2859 | rBV  | 1058521 | 1541726 | 100.00% | 8.831% |
| 57 | 21.363 | 3106 | 3110 | 3122 | rBV2 | 100238  | 296839  | 19.25%  | 1.700% |
| 58 | 21.721 | 3165 | 3171 | 3177 | rBV2 | 565603  | 996606  | 64.64%  | 5.709% |
| 59 | 21.921 | 3202 | 3205 | 3210 | rBV2 | 34089   | 57292   | 3.72%   | 0.328% |
| 60 | 24.759 | 3679 | 3688 | 3699 | rBV  | 520860  | 1495452 | 97.00%  | 8.566% |
| 61 | 24.988 | 3718 | 3727 | 3743 | rVB2 | 332070  | 1106652 | 71.78%  | 6.339% |

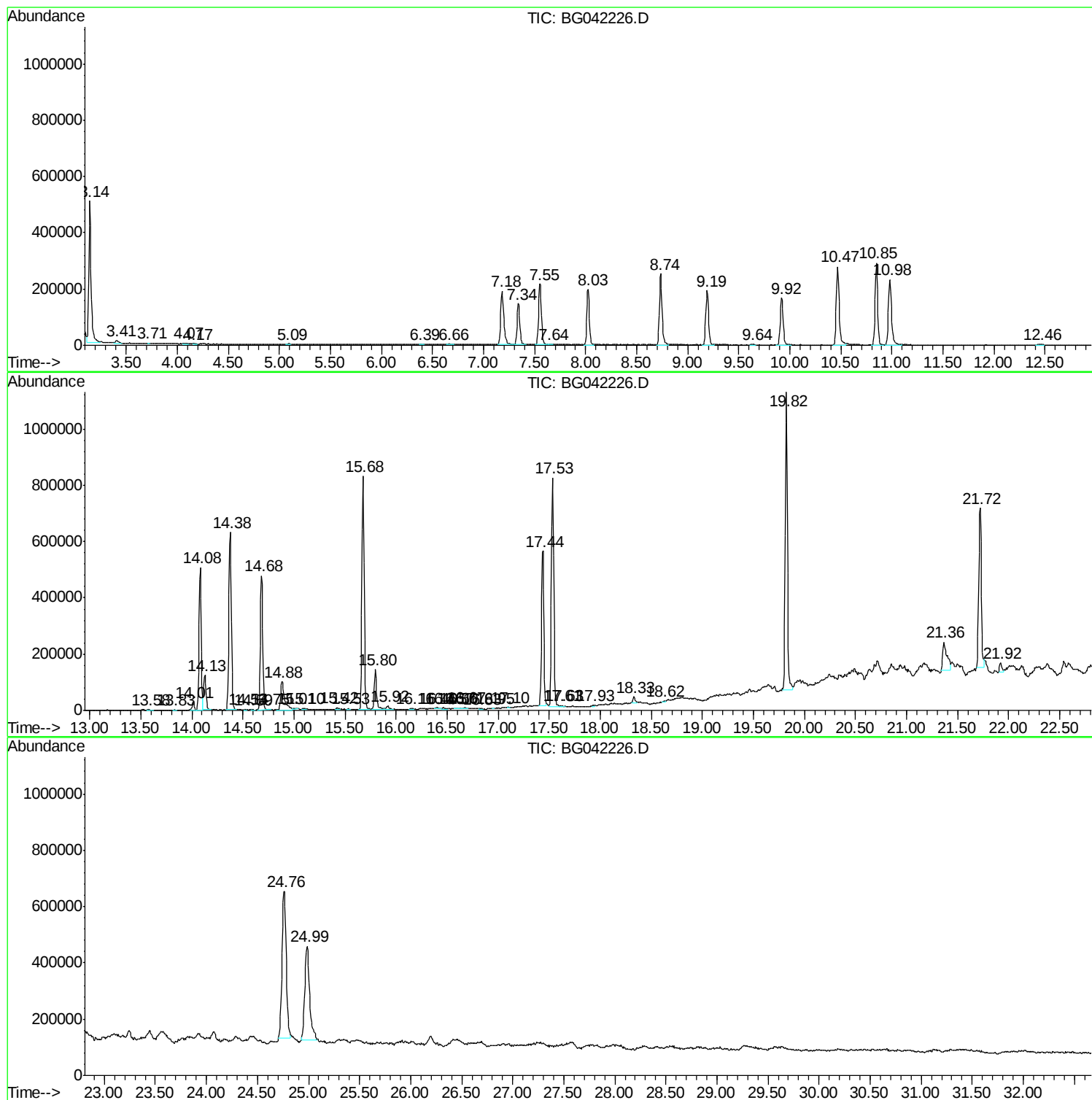
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

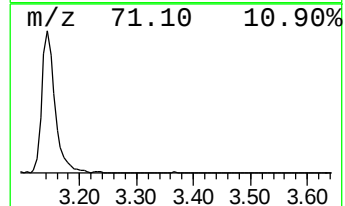
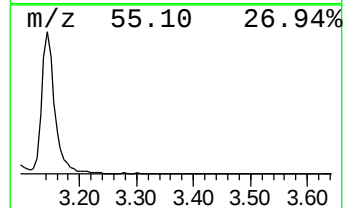
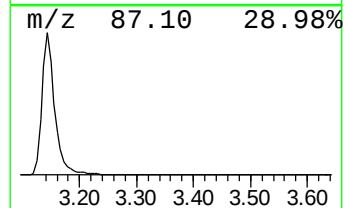
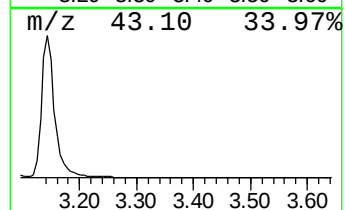
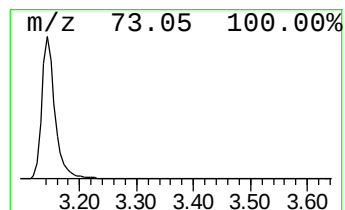
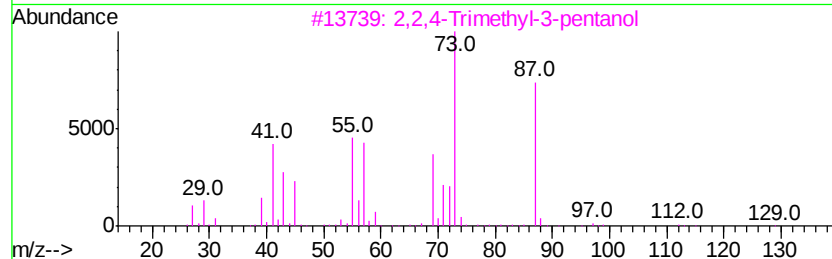
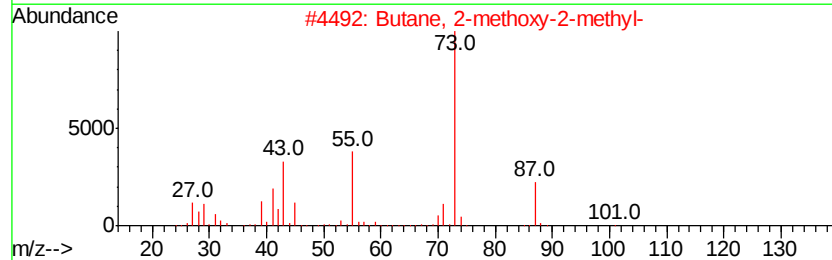
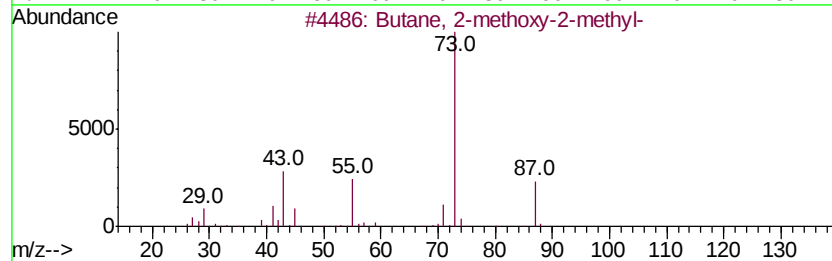
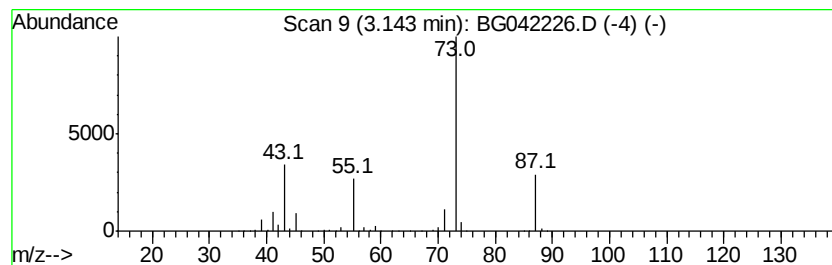
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.14 | 46.13 ng/ul | 807959 | 1,4-Dichlorobenzene-d4 | 8.03 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 50   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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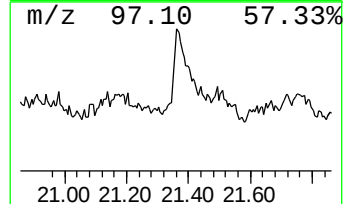
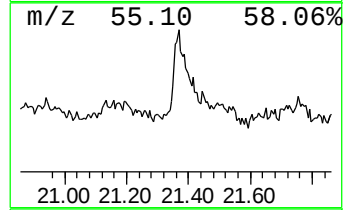
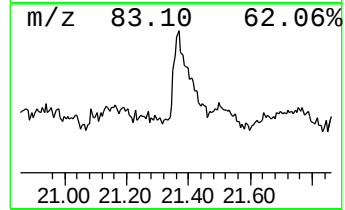
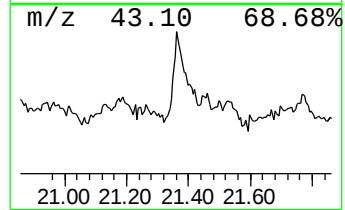
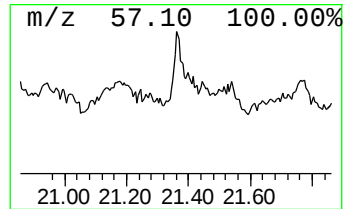
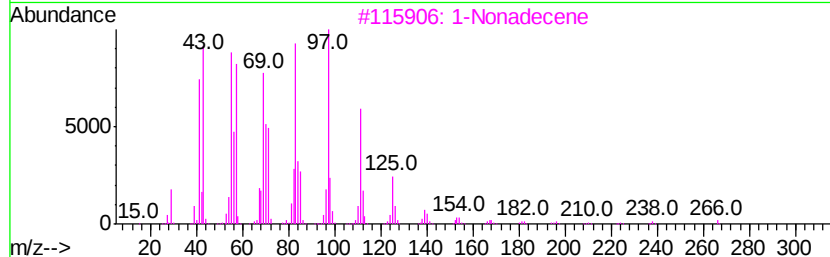
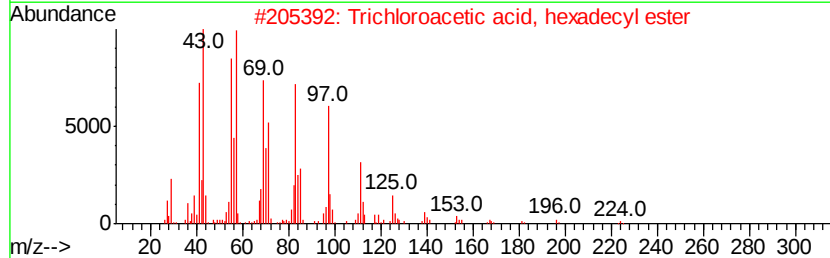
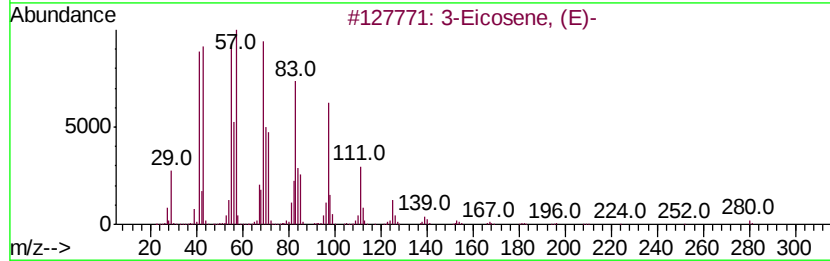
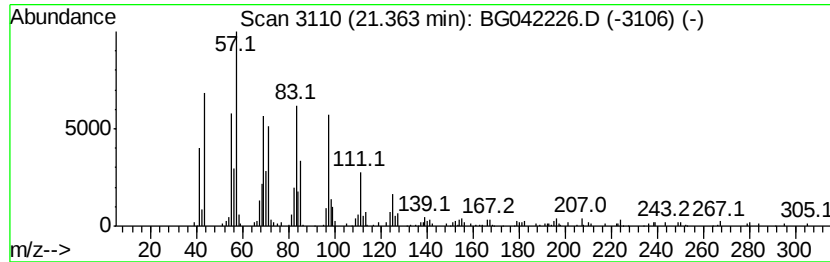
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Cyclic21.36 Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.        |              |      |
|---------|-------------------------------------|--------------|------------------|-------------|--------------|------|
| 21.36   | 5.96 ng/ul                          | 296839       | Chrysene-d12     | 21.72       |              |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm     | CAS#         | Qual |
| 1       | 3-Eicosene, (E)-                    |              | 280              | C20H40      | 074685-33-9  | 92   |
| 2       | Trichloroacetic acid, hexadecyl ... |              | 386              | C18H33Cl3O2 | 074339-54-1  | 90   |
| 3       | 1-Nonadecene                        |              | 266              | C19H38      | 018435-45-5  | 89   |
| 4       | Heptadecyl heptafluorobutyrate      |              | 452              | C21H35F7O2  | 959085-66-6  | 87   |
| 5       | Tetracosyl heptafluorobutyrate      |              | 550              | C28H49F7O2  | 1000351-83-7 | 87   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 3.14  | 46.1    | ng/ul | 807959   | 1                     | 8.03  | 350318 | 20.0 |
| (DEL) Alkane: Cyc... | 21.36 | 6.0     | ng/ul | 296839   | 5                     | 21.72 | 996606 | 20.0 |