

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
 Data File : BM019811.D  
 Acq On : 09 Apr 2019 01:05  
 Operator : JU/SJ  
 Sample : K2254-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFC25

## 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\SOM-EPA-BM032219MA.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         | 3.116       | 19            | 22          | 33           | rVB      | 44371          | 64167         | 2.86%           | 0.218%        |
| 2         | 3.522       | 89            | 91          | 97           | rVB5     | 5392           | 8420          | 0.38%           | 0.029%        |
| 3         | 3.616       | 104           | 107         | 116          | rVB      | 21788          | 34627         | 1.54%           | 0.118%        |
| 4         | 3.699       | 117           | 121         | 123          | rBV4     | 4852           | 5293          | 0.24%           | 0.018%        |
| 5         | 3.810       | 138           | 140         | 145          | rVB5     | 7995           | 8198          | 0.37%           | 0.028%        |
| 6         | 4.704       | 290           | 292         | 298          | rVB2     | 8766           | 11568         | 0.52%           | 0.039%        |
| 7         | 5.216       | 375           | 379         | 384          | rBV6     | 2081           | 3121          | 0.14%           | 0.011%        |
| 8         | 5.475       | 420           | 423         | 426          | rBV4     | 2181           | 3393          | 0.15%           | 0.012%        |
| 9         | 6.639       | 616           | 621         | 624          | rBV5     | 2962           | 4226          | 0.19%           | 0.014%        |
| 10        | 6.745       | 634           | 639         | 658          | rBV      | 299043         | 633688        | 28.23%          | 2.157%        |
| 11        | 6.910       | 662           | 667         | 681          | rBV      | 278121         | 504184        | 22.46%          | 1.716%        |
| 12        | 7.092       | 692           | 698         | 714          | rVB      | 425715         | 694271        | 30.93%          | 2.364%        |
| 13        | 7.275       | 727           | 729         | 735          | rVB5     | 2563           | 2768          | 0.12%           | 0.009%        |
| 14        | 7.486       | 762           | 765         | 768          | rBV4     | 2184           | 2685          | 0.12%           | 0.009%        |
| 15        | 7.557       | 771           | 777         | 785          | rBV      | 568928         | 919214        | 40.95%          | 3.129%        |
| 16        | 8.275       | 893           | 899         | 917          | rBV      | 354337         | 705733        | 31.44%          | 2.403%        |
| 17        | 8.404       | 917           | 921         | 926          | rVB5     | 3976           | 8827          | 0.39%           | 0.030%        |
| 18        | 8.728       | 969           | 976         | 997          | rBV      | 341017         | 634901        | 28.29%          | 2.161%        |
| 19        | 8.945       | 1009          | 1013        | 1016         | rVB3     | 1985           | 3148          | 0.14%           | 0.011%        |
| 20        | 9.045       | 1026          | 1030        | 1036         | rVV2     | 13786          | 19254         | 0.86%           | 0.066%        |
| 21        | 9.104       | 1038          | 1040        | 1045         | rVB4     | 1430           | 2247          | 0.10%           | 0.008%        |
| 22        | 9.439       | 1091          | 1097        | 1111         | rBV      | 281115         | 520410        | 23.19%          | 1.772%        |
| 23        | 9.739       | 1142          | 1148        | 1149         | rBV5     | 3391           | 5400          | 0.24%           | 0.018%        |
| 24        | 9.975       | 1182          | 1188        | 1212         | rBV      | 339080         | 773149        | 34.45%          | 2.632%        |
| 25        | 10.333      | 1242          | 1249        | 1261         | rBV      | 760979         | 1270361       | 56.60%          | 4.325%        |
| 26        | 10.510      | 1273          | 1279        | 1304         | rBV      | 203466         | 552096        | 24.60%          | 1.880%        |
| 27        | 10.663      | 1304          | 1305        | 1310         | rVV3     | 4138           | 5256          | 0.23%           | 0.018%        |
| 28        | 10.704      | 1310          | 1312        | 1318         | rVB4     | 2063           | 3013          | 0.13%           | 0.010%        |
| 29        | 11.327      | 1414          | 1418        | 1420         | rBV2     | 2225           | 2559          | 0.11%           | 0.009%        |
| 30        | 11.498      | 1439          | 1447        | 1452         | rBV5     | 23921          | 72364         | 3.22%           | 0.246%        |
| 31        | 11.739      | 1484          | 1488        | 1492         | rVB4     | 3497           | 5282          | 0.24%           | 0.018%        |
| 32        | 11.898      | 1509          | 1515        | 1521         | rBV3     | 15110          | 33039         | 1.47%           | 0.112%        |
| 33        | 11.957      | 1521          | 1525        | 1532         | rVB3     | 5076           | 9104          | 0.41%           | 0.031%        |
| 34        | 12.521      | 1615          | 1621        | 1622         | rBV3     | 3012           | 4698          | 0.21%           | 0.016%        |

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 Misc :  
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Integrator: RTE  
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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

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.710 | 1650 | 1653 | 1656 | rBV2 | 2916    | 3077    | 0.14%  | 0.010% |
| 36 | 13.010 | 1699 | 1704 | 1708 | rVB2 | 4553    | 6838    | 0.30%  | 0.023% |
| 37 | 13.092 | 1712 | 1718 | 1727 | rVB2 | 80267   | 123679  | 5.51%  | 0.421% |
| 38 | 13.639 | 1805 | 1811 | 1816 | rBV  | 800502  | 1091857 | 48.65% | 3.717% |
| 39 | 13.686 | 1816 | 1819 | 1831 | rVB  | 178675  | 262900  | 11.71% | 0.895% |
| 40 | 13.910 | 1847 | 1857 | 1871 | rBV  | 914840  | 1354601 | 60.35% | 4.612% |
| 41 | 14.104 | 1884 | 1890 | 1894 | rVB5 | 5659    | 10180   | 0.45%  | 0.035% |
| 42 | 14.221 | 1900 | 1910 | 1920 | rBV2 | 1004214 | 1540870 | 68.65% | 5.246% |
| 43 | 14.504 | 1952 | 1958 | 1971 | rBV  | 91538   | 294336  | 13.11% | 1.002% |
| 44 | 14.651 | 1978 | 1983 | 1990 | rBV  | 102129  | 144016  | 6.42%  | 0.490% |
| 45 | 15.057 | 2048 | 2052 | 2056 | rBV3 | 7390    | 10728   | 0.48%  | 0.037% |
| 46 | 15.145 | 2065 | 2067 | 2074 | rBV4 | 2983    | 4976    | 0.22%  | 0.017% |
| 47 | 15.221 | 2074 | 2080 | 2089 | rVV  | 1144204 | 1658763 | 73.90% | 5.647% |
| 48 | 15.286 | 2089 | 2091 | 2096 | rVV3 | 10380   | 16054   | 0.72%  | 0.055% |
| 49 | 15.333 | 2096 | 2099 | 2102 | rVV2 | 16968   | 23887   | 1.06%  | 0.081% |
| 50 | 15.380 | 2102 | 2107 | 2118 | rVV2 | 148580  | 267137  | 11.90% | 0.909% |
| 51 | 15.462 | 2118 | 2121 | 2126 | rVV2 | 19544   | 27900   | 1.24%  | 0.095% |
| 52 | 15.780 | 2170 | 2175 | 2180 | rBV6 | 8334    | 14449   | 0.64%  | 0.049% |
| 53 | 15.851 | 2184 | 2187 | 2190 | rBV4 | 2117    | 2764    | 0.12%  | 0.009% |
| 54 | 15.939 | 2195 | 2202 | 2207 | rBV  | 28424   | 51062   | 2.28%  | 0.174% |
| 55 | 15.974 | 2207 | 2208 | 2211 | rVV3 | 3861    | 4084    | 0.18%  | 0.014% |
| 56 | 16.004 | 2211 | 2213 | 2218 | rVV6 | 6594    | 7930    | 0.35%  | 0.027% |
| 57 | 16.045 | 2218 | 2220 | 2224 | rVB5 | 1767    | 2453    | 0.11%  | 0.008% |
| 58 | 16.115 | 2230 | 2232 | 2236 | rVB4 | 3902    | 4457    | 0.20%  | 0.015% |
| 59 | 16.180 | 2241 | 2243 | 2247 | rVB3 | 4317    | 5058    | 0.23%  | 0.017% |
| 60 | 16.262 | 2254 | 2257 | 2261 | rBV3 | 5676    | 7498    | 0.33%  | 0.026% |
| 61 | 16.327 | 2266 | 2268 | 2272 | rVB4 | 6223    | 5805    | 0.26%  | 0.020% |
| 62 | 16.386 | 2272 | 2278 | 2283 | rBV3 | 27176   | 43727   | 1.95%  | 0.149% |
| 63 | 16.527 | 2300 | 2302 | 2307 | rVB3 | 5552    | 7448    | 0.33%  | 0.025% |
| 64 | 16.580 | 2307 | 2311 | 2314 | rBV3 | 4743    | 6698    | 0.30%  | 0.023% |
| 65 | 16.674 | 2324 | 2327 | 2330 | rBV5 | 3606    | 5112    | 0.23%  | 0.017% |
| 66 | 16.721 | 2332 | 2335 | 2337 | rBV4 | 6473    | 8982    | 0.40%  | 0.031% |
| 67 | 16.751 | 2337 | 2340 | 2341 | rBV2 | 7205    | 8886    | 0.40%  | 0.030% |
| 68 | 16.851 | 2354 | 2357 | 2361 | rBV5 | 5892    | 10240   | 0.46%  | 0.035% |
| 69 | 16.921 | 2368 | 2369 | 2372 | rBV2 | 4484    | 3603    | 0.16%  | 0.012% |
| 70 | 16.980 | 2373 | 2379 | 2390 | rVV2 | 1217711 | 1687783 | 75.20% | 5.746% |
| 71 | 17.080 | 2390 | 2396 | 2409 | rVV  | 1231440 | 1661062 | 74.01% | 5.655% |

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 Sampling : 1  
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 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 17.368 | 2439 | 2445 | 2452 | rBV5 | 30234   | 58750   | 2.62%   | 0.200% |
| 73 | 17.462 | 2457 | 2461 | 2464 | rVB3 | 11591   | 14933   | 0.67%   | 0.051% |
| 74 | 17.703 | 2497 | 2502 | 2506 | rBV  | 32745   | 51370   | 2.29%   | 0.175% |
| 75 | 17.874 | 2526 | 2531 | 2541 | rBV  | 223446  | 366958  | 16.35%  | 1.249% |
| 76 | 17.951 | 2541 | 2544 | 2551 | rVB  | 26698   | 41150   | 1.83%   | 0.140% |
| 77 | 18.151 | 2575 | 2578 | 2582 | rBV4 | 15816   | 20932   | 0.93%   | 0.071% |
| 78 | 18.427 | 2623 | 2625 | 2627 | rBV3 | 5563    | 4428    | 0.20%   | 0.015% |
| 79 | 18.739 | 2674 | 2678 | 2685 | rBV  | 216391  | 330535  | 14.73%  | 1.125% |
| 80 | 18.798 | 2685 | 2688 | 2691 | rVB  | 23094   | 26033   | 1.16%   | 0.089% |
| 81 | 19.027 | 2723 | 2727 | 2728 | rBV5 | 26855   | 35188   | 1.57%   | 0.120% |
| 82 | 19.056 | 2729 | 2732 | 2742 | rVB3 | 62451   | 91669   | 4.08%   | 0.312% |
| 83 | 19.162 | 2746 | 2750 | 2757 | rBV  | 142042  | 252661  | 11.26%  | 0.860% |
| 84 | 19.386 | 2783 | 2788 | 2796 | rBV  | 1395028 | 1898882 | 84.60%  | 6.464% |
| 85 | 19.450 | 2796 | 2799 | 2804 | rVB  | 49214   | 74905   | 3.34%   | 0.255% |
| 86 | 19.727 | 2842 | 2846 | 2848 | rBV3 | 50346   | 61582   | 2.74%   | 0.210% |
| 87 | 19.762 | 2849 | 2852 | 2858 | rVB  | 54397   | 66894   | 2.98%   | 0.228% |
| 88 | 20.327 | 2944 | 2948 | 2951 | rBV  | 176625  | 198587  | 8.85%   | 0.676% |
| 89 | 20.421 | 2961 | 2964 | 2967 | rVB2 | 51846   | 58597   | 2.61%   | 0.199% |
| 90 | 20.886 | 3038 | 3043 | 3050 | rBV2 | 251265  | 426120  | 18.99%  | 1.451% |
| 91 | 21.091 | 3075 | 3078 | 3082 | rBV  | 241226  | 244230  | 10.88%  | 0.831% |
| 92 | 21.186 | 3090 | 3094 | 3103 | rBV  | 1516341 | 1927793 | 85.89%  | 6.563% |
| 93 | 21.321 | 3114 | 3117 | 3120 | rBV  | 99343   | 110925  | 4.94%   | 0.378% |
| 94 | 21.744 | 3186 | 3189 | 3192 | rBV  | 146000  | 161911  | 7.21%   | 0.551% |
| 95 | 22.197 | 3263 | 3266 | 3276 | rVB3 | 205227  | 352316  | 15.70%  | 1.199% |
| 96 | 22.686 | 3346 | 3349 | 3354 | rVB  | 212439  | 272872  | 12.16%  | 0.929% |
| 97 | 23.250 | 3438 | 3445 | 3453 | rVB2 | 1116634 | 2244475 | 100.00% | 7.641% |
| 98 | 23.391 | 3463 | 3469 | 3478 | rVB2 | 1090006 | 2058039 | 91.69%  | 7.006% |

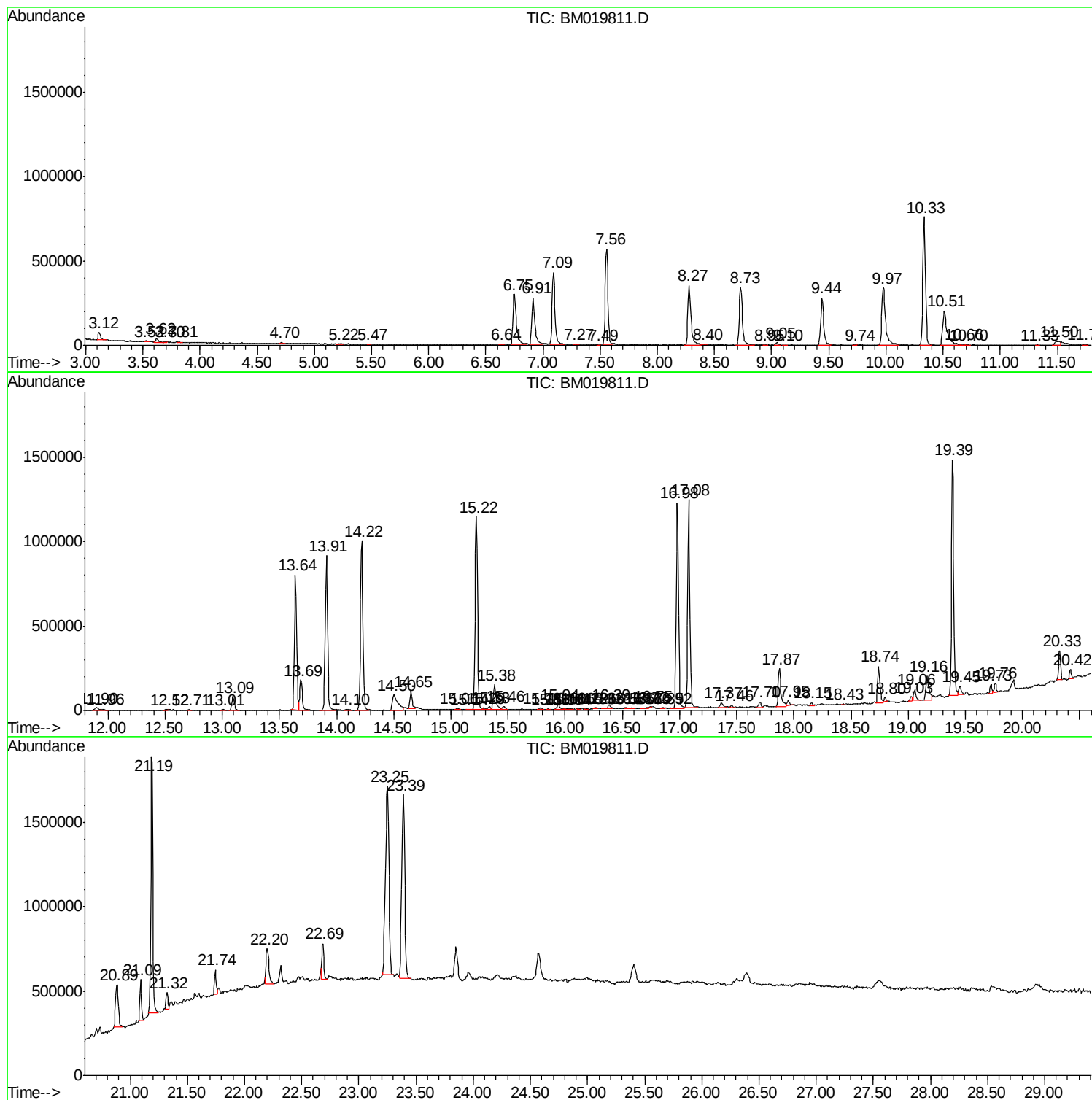
Sum of corrected areas: 29374299

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

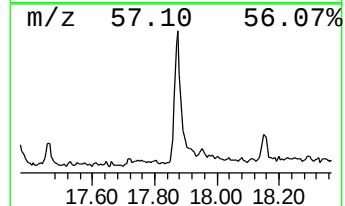
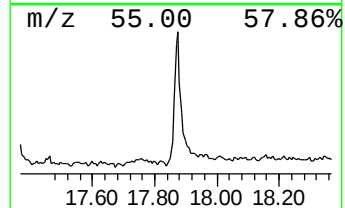
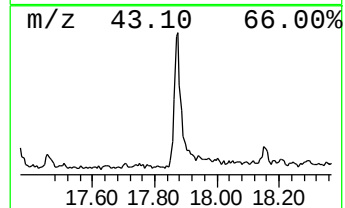
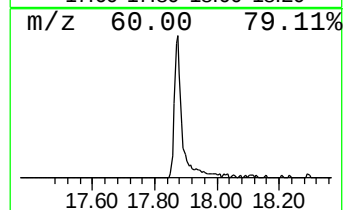
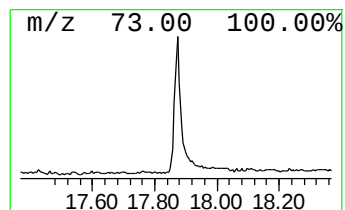
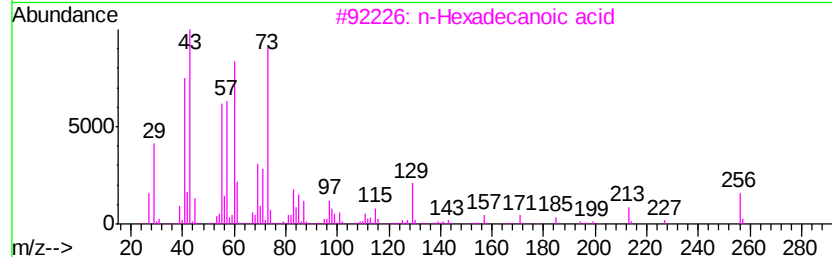
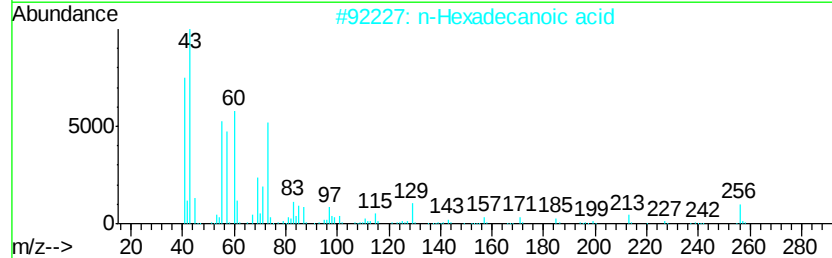
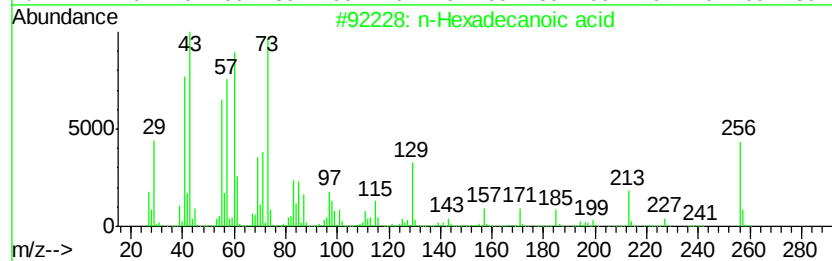
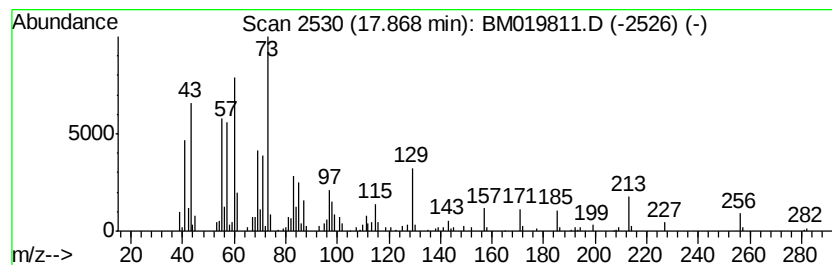
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.87 | 4.35 ng/ul | 366958 | Phenanthrene-d10 | 16.98 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 74   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |



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Quant Title : SVOA CALIBRATION

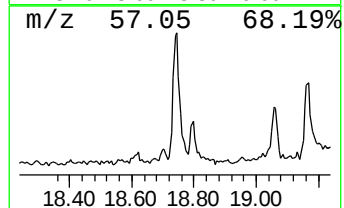
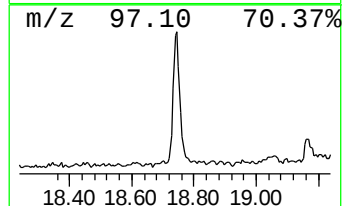
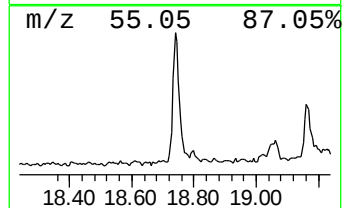
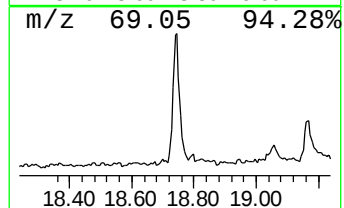
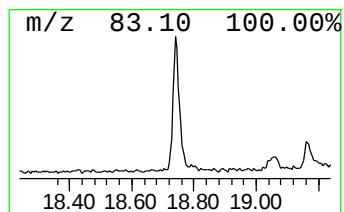
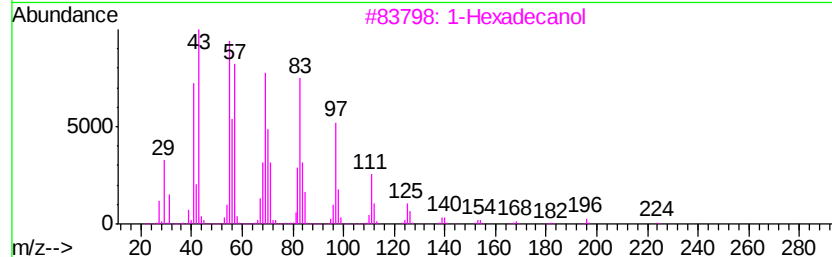
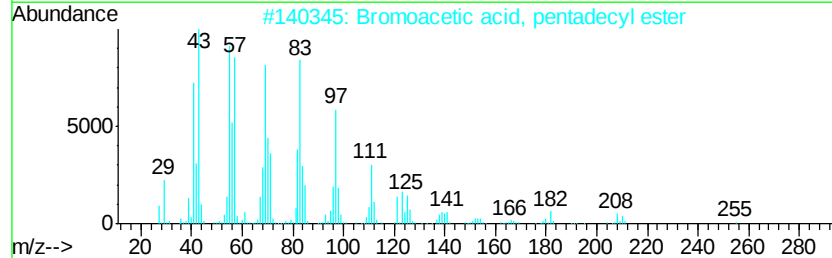
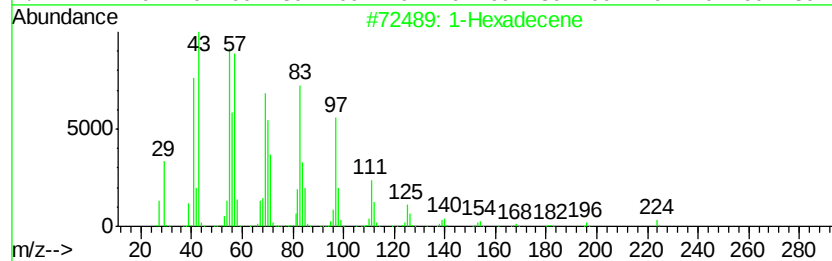
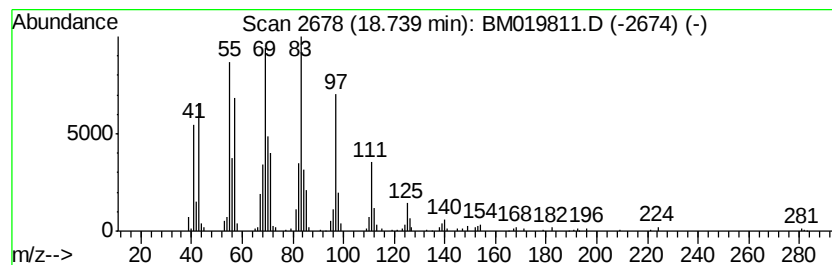
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic18.74 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.74 | 3.92 ng/ul | 330535 | Phenanthrene-d10 | 16.98 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm    | CAS#        | Qual |
|------|----|---|------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Hexadecene                       | 224 | C16H32     | 000629-73-2 | 92   |
| 2    |    |   | Bromoacetic acid, pentadecyl ester | 348 | C17H33BrO2 | 131143-01-6 | 91   |
| 3    |    |   | 1-Hexadecanol                      | 242 | C16H34O    | 036653-82-4 | 91   |
| 4    |    |   | 5-Octadecene, (E)-                 | 252 | C18H36     | 007206-21-5 | 91   |
| 5    |    |   | 3-Octadecene, (E)-                 | 252 | C18H36     | 007206-19-1 | 91   |



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Data File : BM019811.D  
Acq On : 09 Apr 2019 01:05  
Operator : JU/SJ  
Sample : K2254-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

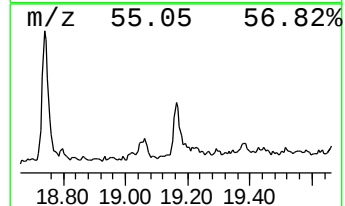
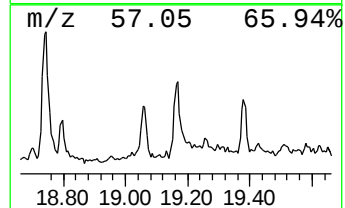
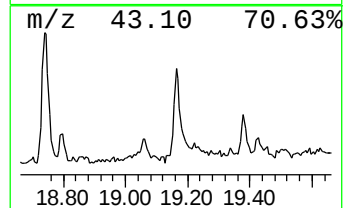
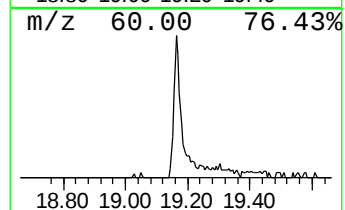
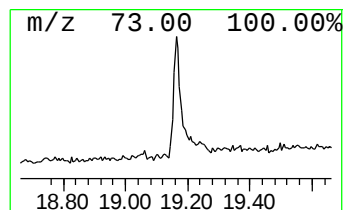
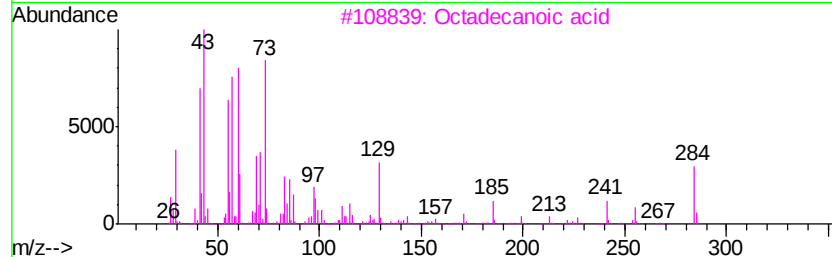
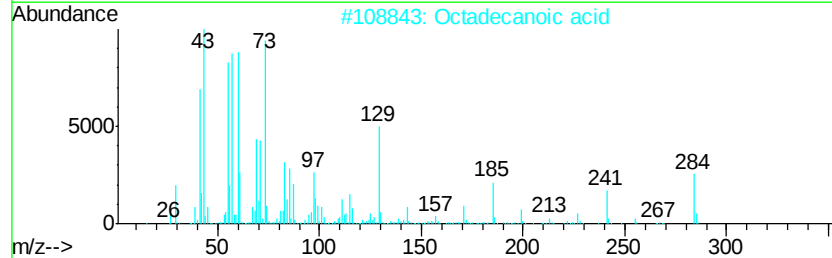
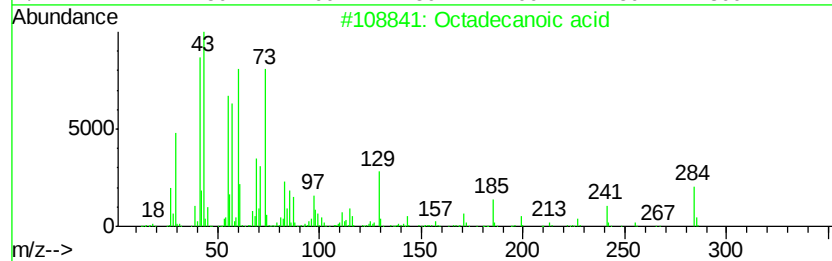
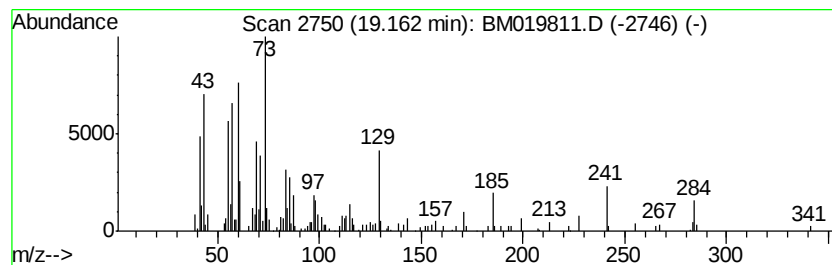
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Octadecanoic acid Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.16 | 2.62 ng/ul | 252661 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 98   |
| 2    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 98   |
| 3    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 4    |    | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90   |
| 5    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
Data File : BM019811.D  
Acq On : 09 Apr 2019 01:05  
Operator : JU/SJ  
Sample : K2254-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

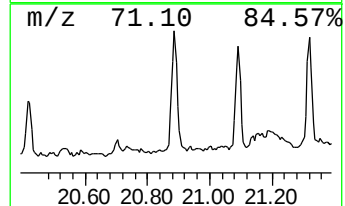
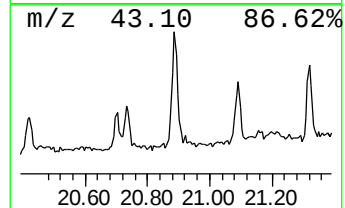
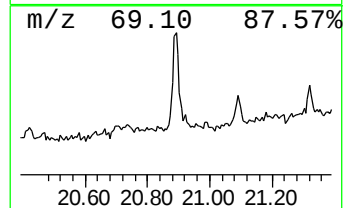
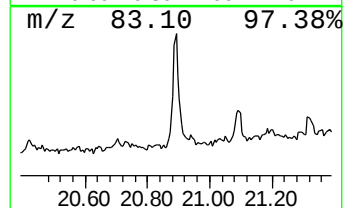
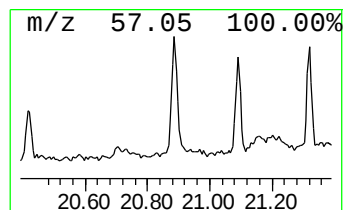
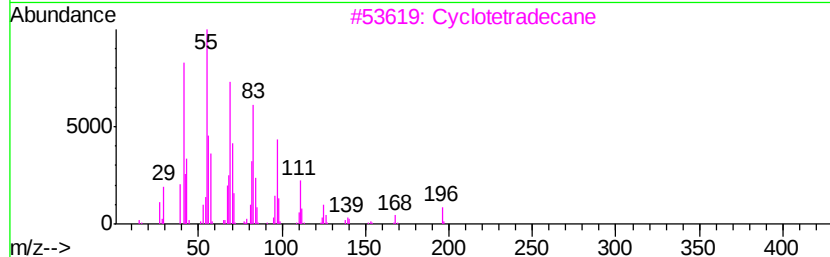
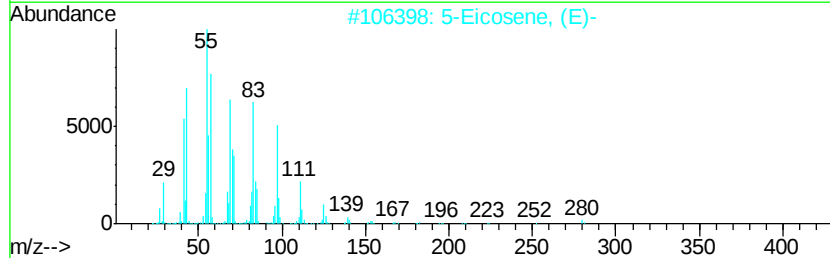
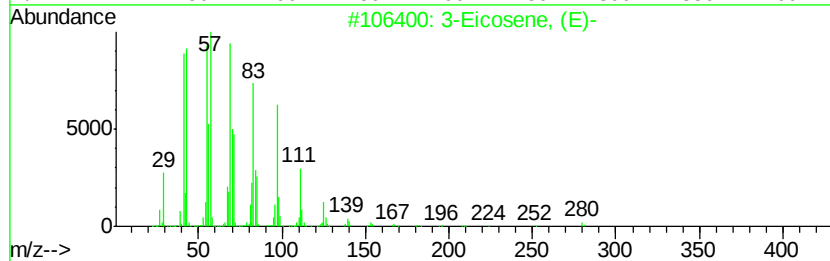
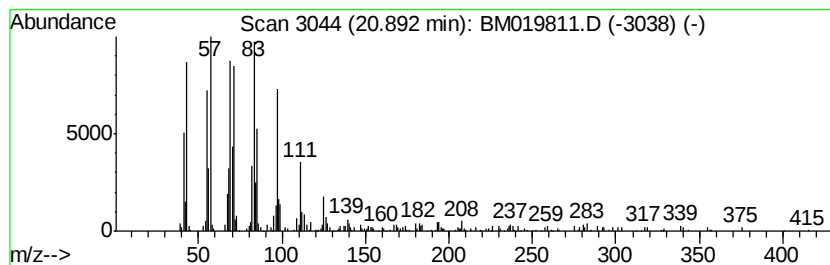
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.89 | 4.42 ng/ul | 426120 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 3  | Eicosene, (E)-                      | 280 | C20H40     | 074685-33-9  | 78   |
| 2    | 5  | Eicosene, (E)-                      | 280 | C20H40     | 074685-30-6  | 52   |
| 3    |    | Cyclotetradecane                    | 196 | C14H28     | 000295-17-0  | 51   |
| 4    |    | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2 | 1000282-97-3 | 50   |
| 5    |    | 1-Octadecanol                       | 270 | C18H38O    | 000112-92-5  | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
Data File : BM019811.D  
Acq On : 09 Apr 2019 01:05  
Operator : JU/SJ  
Sample : K2254-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

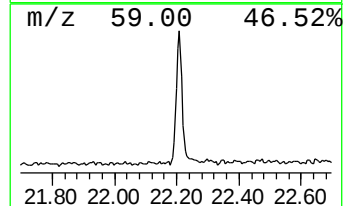
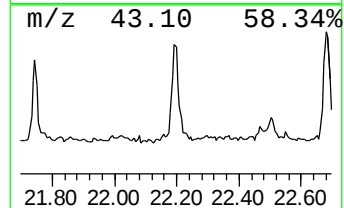
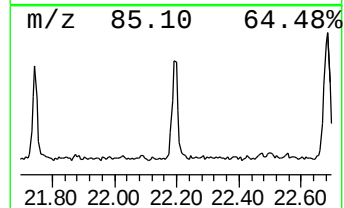
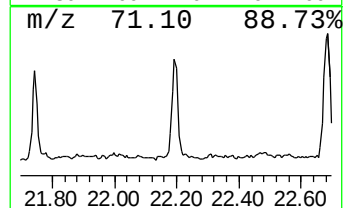
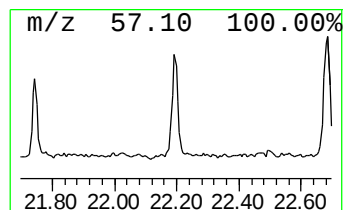
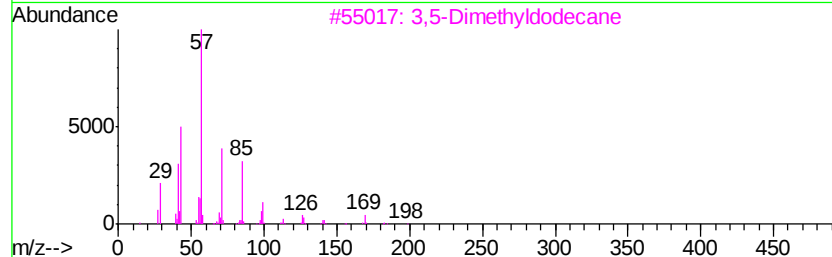
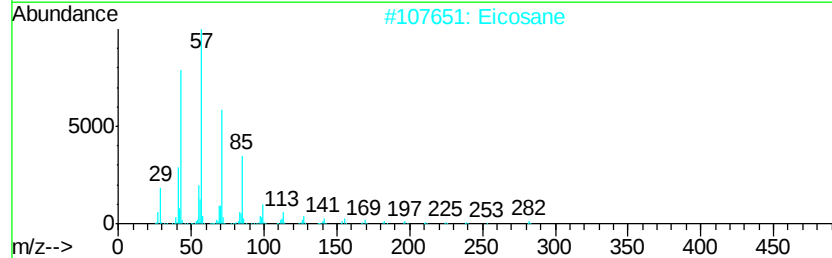
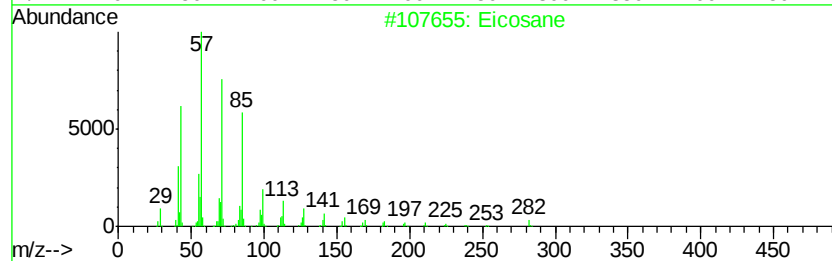
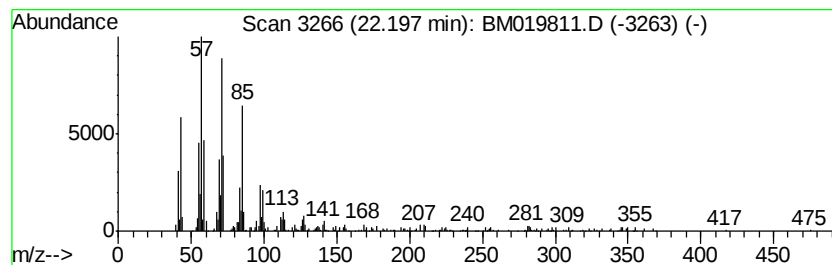
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.20 | 3.66 ng/ul | 352316 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane             | 282 | C20H42  | 000112-95-8 | 55   |
| 2    |    | Eicosane             | 282 | C20H42  | 000112-95-8 | 55   |
| 3    |    | 3,5-Dimethyldodecane | 198 | C14H30  | 107770-99-0 | 49   |
| 4    |    | Nonadecane           | 268 | C19H40  | 000629-92-5 | 49   |
| 5    |    | Heptadecane          | 240 | C17H36  | 000629-78-7 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
Data File : BM019811.D  
Acq On : 09 Apr 2019 01:05  
Operator : JU/SJ  
Sample : K2254-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

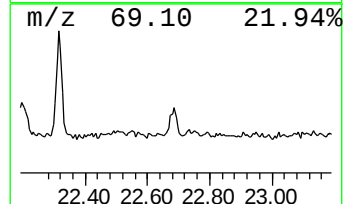
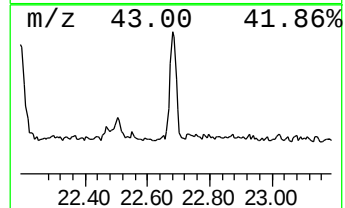
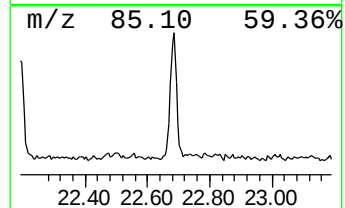
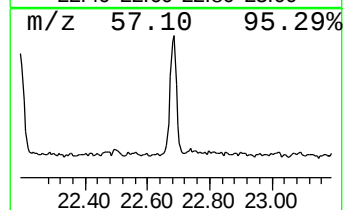
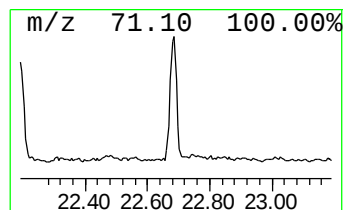
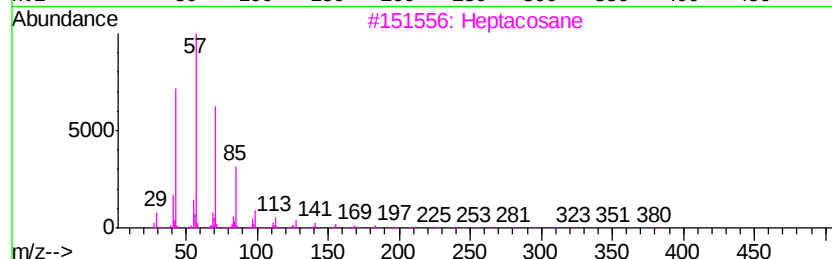
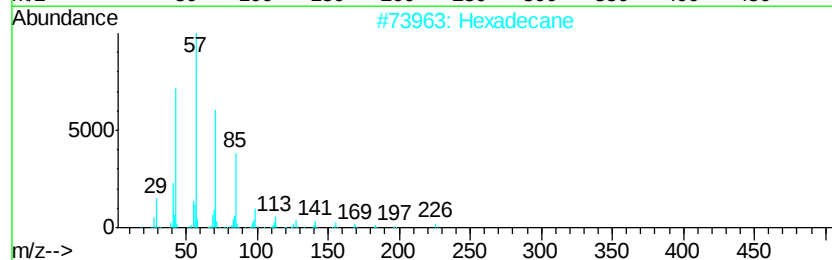
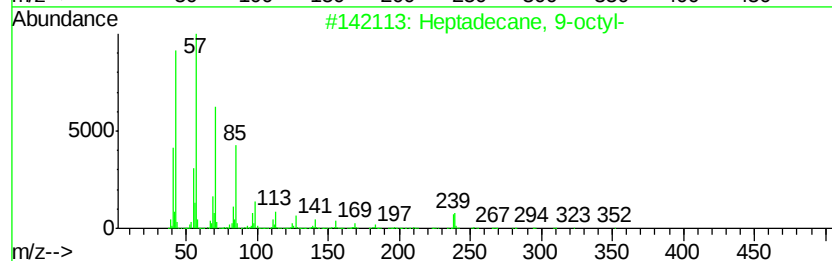
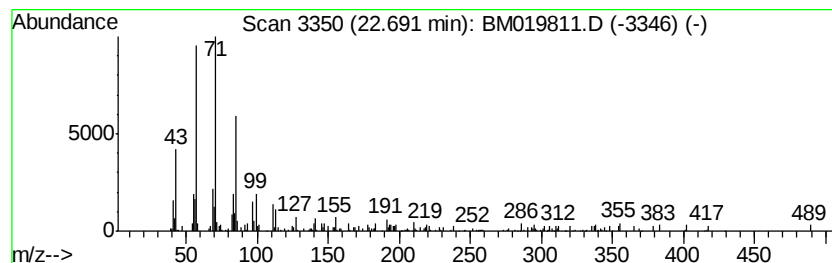
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.69 | 2.65 ng/ul | 272872 | Perylene-d12     | 23.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 9-octyl-               | 352 | C25H52  | 007225-64-1 | 87   |
| 2    |    | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 83   |
| 3    |    | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 83   |
| 4    |    | Docosane                            | 310 | C22H46  | 000629-97-0 | 80   |
| 5    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
Data File : BM019811.D  
Acq On : 09 Apr 2019 01:05  
Operator : JU/SJ  
Sample : K2254-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFC25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Hexadecanoic acid  | 17.87 | 4.3     | ng/ul | 366958   | 4                     | 16.98 | 1687780 | 20.0 |
| (DEL) Alkane: Cyc... | 18.74 | 3.9     | ng/ul | 330535   | 4                     | 16.98 | 1687780 | 20.0 |
| Octadecanoic acid    | 19.16 | 2.6     | ng/ul | 252661   | 5                     | 21.19 | 1927790 | 20.0 |
| (DEL) Alkane: Cyc... | 20.89 | 4.4     | ng/ul | 426120   | 5                     | 21.19 | 1927790 | 20.0 |
| (DEL) Alkane: Str... | 22.20 | 3.7     | ng/ul | 352316   | 5                     | 21.19 | 1927790 | 20.0 |
| (DEL) Alkane: Str... | 22.69 | 2.6     | ng/ul | 272872   | 6                     | 23.39 | 2058040 | 20.0 |