

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
 Data File : BM019666.D  
 Acq On : 01 Apr 2019 21:46  
 Operator : JU/SJ  
 Sample : K2119-18  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF5B4

## 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         | 3.122       | 20            | 23          | 31           | rBV      | 36180          | 53468         | 1.92%           | 0.144%        |
| 2         | 3.640       | 108           | 111         | 117          | rBV7     | 4316           | 7576          | 0.27%           | 0.020%        |
| 3         | 3.716       | 121           | 124         | 130          | rVB2     | 14714          | 21913         | 0.79%           | 0.059%        |
| 4         | 3.816       | 139           | 141         | 147          | rVB3     | 5030           | 5764          | 0.21%           | 0.015%        |
| 5         | 4.716       | 291           | 294         | 298          | rBV2     | 14209          | 19416         | 0.70%           | 0.052%        |
| 6         | 4.763       | 298           | 302         | 309          | rVB3     | 8804           | 16545         | 0.59%           | 0.044%        |
| 7         | 5.228       | 378           | 381         | 382          | rBV2     | 3258           | 3440          | 0.12%           | 0.009%        |
| 8         | 5.593       | 437           | 443         | 445          | rBV5     | 1954           | 3206          | 0.12%           | 0.009%        |
| 9         | 6.757       | 634           | 641         | 660          | rBV      | 253328         | 496691        | 17.85%          | 1.335%        |
| 10        | 6.928       | 664           | 670         | 687          | rBV      | 218458         | 424242        | 15.25%          | 1.140%        |
| 11        | 7.104       | 694           | 700         | 717          | rVB      | 319129         | 537596        | 19.32%          | 1.445%        |
| 12        | 7.275       | 722           | 729         | 733          | rBV3     | 8213           | 22713         | 0.82%           | 0.061%        |
| 13        | 7.569       | 772           | 779         | 788          | rBV      | 698109         | 1136874       | 40.86%          | 3.056%        |
| 14        | 8.286       | 895           | 901         | 919          | rBV      | 342728         | 648531        | 23.31%          | 1.743%        |
| 15        | 8.416       | 919           | 923         | 931          | rVB3     | 6909           | 14871         | 0.53%           | 0.040%        |
| 16        | 8.739       | 971           | 978         | 992          | rBV      | 286210         | 508369        | 18.27%          | 1.366%        |
| 17        | 9.063       | 1028          | 1033        | 1040         | rVB2     | 13717          | 20441         | 0.73%           | 0.055%        |
| 18        | 9.451       | 1093          | 1099        | 1116         | rBV      | 230821         | 422631        | 15.19%          | 1.136%        |
| 19        | 9.557       | 1116          | 1117        | 1122         | rVB4     | 2270           | 2879          | 0.10%           | 0.008%        |
| 20        | 9.728       | 1142          | 1146        | 1147         | rBV3     | 7980           | 9118          | 0.33%           | 0.025%        |
| 21        | 9.986       | 1183          | 1190        | 1206         | rBV      | 298073         | 639351        | 22.98%          | 1.718%        |
| 22        | 10.345      | 1244          | 1251        | 1267         | rBV      | 1056875        | 1764661       | 63.42%          | 4.743%        |
| 23        | 10.516      | 1274          | 1280        | 1299         | rBV      | 226285         | 565471        | 20.32%          | 1.520%        |
| 24        | 12.516      | 1613          | 1620        | 1635         | rBV3     | 15866          | 48469         | 1.74%           | 0.130%        |
| 25        | 13.027      | 1702          | 1707        | 1710         | rBV2     | 2395           | 2841          | 0.10%           | 0.008%        |
| 26        | 13.651      | 1807          | 1813        | 1818         | rBV      | 730771         | 1080466       | 38.83%          | 2.904%        |
| 27        | 13.698      | 1818          | 1821        | 1837         | rVB      | 89550          | 138184        | 4.97%           | 0.371%        |
| 28        | 13.833      | 1839          | 1844        | 1847         | rBV2     | 7599           | 8615          | 0.31%           | 0.023%        |
| 29        | 13.921      | 1850          | 1859        | 1876         | rBV      | 817917         | 1233716       | 44.34%          | 3.316%        |
| 30        | 14.227      | 1902          | 1911        | 1926         | rBV2     | 1583433        | 2378127       | 85.47%          | 6.392%        |
| 31        | 14.492      | 1950          | 1956        | 1970         | rBV      | 92327          | 303802        | 10.92%          | 0.817%        |
| 32        | 14.663      | 1979          | 1985        | 2001         | rBV      | 343224         | 519221        | 18.66%          | 1.396%        |
| 33        | 14.768      | 2001          | 2003        | 2010         | rVB6     | 5073           | 9083          | 0.33%           | 0.024%        |
| 34        | 15.015      | 2042          | 2045        | 2051         | rVV      | 3922           | 6049          | 0.22%           | 0.016%        |

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Integrator: RTE  
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 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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 15.068 | 2051 | 2054 | 2058 | rVB2 | 5150    | 6467    | 0.23%  | 0.017% |
| 36 | 15.233 | 2075 | 2082 | 2100 | rVB  | 1062940 | 1631255 | 58.62% | 4.384% |
| 37 | 15.380 | 2102 | 2107 | 2120 | rVV  | 251651  | 404494  | 14.54% | 1.087% |
| 38 | 15.474 | 2120 | 2123 | 2127 | rVB3 | 11257   | 15096   | 0.54%  | 0.041% |
| 39 | 15.604 | 2141 | 2145 | 2149 | rBV4 | 1877    | 3194    | 0.11%  | 0.009% |
| 40 | 15.786 | 2173 | 2176 | 2179 | rBV2 | 2283    | 2876    | 0.10%  | 0.008% |
| 41 | 15.933 | 2197 | 2201 | 2204 | rBV4 | 4502    | 6151    | 0.22%  | 0.017% |
| 42 | 15.992 | 2208 | 2211 | 2212 | rBV2 | 4258    | 5282    | 0.19%  | 0.014% |
| 43 | 16.015 | 2212 | 2215 | 2219 | rVV4 | 6033    | 8867    | 0.32%  | 0.024% |
| 44 | 16.057 | 2219 | 2222 | 2228 | rVB5 | 1976    | 3264    | 0.12%  | 0.009% |
| 45 | 16.192 | 2242 | 2245 | 2248 | rVB2 | 3629    | 3517    | 0.13%  | 0.009% |
| 46 | 16.339 | 2267 | 2270 | 2275 | rVB2 | 2936    | 3685    | 0.13%  | 0.010% |
| 47 | 16.392 | 2275 | 2279 | 2293 | rBV3 | 41684   | 78189   | 2.81%  | 0.210% |
| 48 | 16.592 | 2309 | 2313 | 2316 | rVV2 | 2747    | 3388    | 0.12%  | 0.009% |
| 49 | 16.639 | 2318 | 2321 | 2324 | rVB2 | 3501    | 3544    | 0.13%  | 0.010% |
| 50 | 16.733 | 2332 | 2337 | 2340 | rBV3 | 4729    | 7280    | 0.26%  | 0.020% |
| 51 | 16.780 | 2342 | 2345 | 2349 | rVB2 | 8710    | 12024   | 0.43%  | 0.032% |
| 52 | 16.986 | 2374 | 2380 | 2391 | rBV2 | 1900008 | 2764530 | 99.35% | 7.430% |
| 53 | 17.086 | 2391 | 2397 | 2408 | rVV2 | 1206349 | 1769651 | 63.60% | 4.756% |
| 54 | 17.215 | 2416 | 2419 | 2424 | rVB5 | 2728    | 3047    | 0.11%  | 0.008% |
| 55 | 17.280 | 2426 | 2430 | 2433 | rBV  | 6850    | 9295    | 0.33%  | 0.025% |
| 56 | 17.327 | 2434 | 2438 | 2443 | rVV3 | 6629    | 9278    | 0.33%  | 0.025% |
| 57 | 17.374 | 2443 | 2446 | 2450 | rVB5 | 5063    | 8777    | 0.32%  | 0.024% |
| 58 | 17.474 | 2457 | 2463 | 2467 | rVB4 | 4159    | 5494    | 0.20%  | 0.015% |
| 59 | 17.656 | 2490 | 2494 | 2499 | rVB4 | 3606    | 4666    | 0.17%  | 0.013% |
| 60 | 17.751 | 2507 | 2510 | 2511 | rBV3 | 2919    | 3404    | 0.12%  | 0.009% |
| 61 | 17.880 | 2527 | 2532 | 2543 | rBV  | 262168  | 442125  | 15.89% | 1.188% |
| 62 | 17.962 | 2543 | 2546 | 2551 | rVB  | 14771   | 23020   | 0.83%  | 0.062% |
| 63 | 18.168 | 2577 | 2581 | 2584 | rVB6 | 6663    | 7475    | 0.27%  | 0.020% |
| 64 | 18.221 | 2589 | 2590 | 2594 | rVB4 | 3530    | 3432    | 0.12%  | 0.009% |
| 65 | 18.439 | 2623 | 2627 | 2628 | rBV3 | 3888    | 4383    | 0.16%  | 0.012% |
| 66 | 18.562 | 2646 | 2648 | 2651 | rBV4 | 4312    | 5296    | 0.19%  | 0.014% |
| 67 | 18.603 | 2651 | 2655 | 2658 | rVV  | 19923   | 21932   | 0.79%  | 0.059% |
| 68 | 18.645 | 2658 | 2662 | 2666 | rBV  | 38429   | 42798   | 1.54%  | 0.115% |
| 69 | 18.745 | 2677 | 2679 | 2683 | rBV4 | 8249    | 12384   | 0.45%  | 0.033% |
| 70 | 18.809 | 2686 | 2690 | 2692 | rBV3 | 8015    | 7195    | 0.26%  | 0.019% |
| 71 | 18.951 | 2711 | 2714 | 2718 | rBV5 | 4619    | 7663    | 0.28%  | 0.021% |

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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :  
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## Integration Parameters: LSCINT.P

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

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 19.027 | 2724 | 2727 | 2729 | rBV2 | 20813   | 25932   | 0.93%   | 0.070% |
| 73 | 19.174 | 2745 | 2752 | 2763 | rBV  | 180632  | 318238  | 11.44%  | 0.855% |
| 74 | 19.280 | 2768 | 2770 | 2774 | rVB  | 9926    | 14070   | 0.51%   | 0.038% |
| 75 | 19.398 | 2784 | 2790 | 2796 | rBV  | 1441648 | 1961254 | 70.48%  | 5.271% |
| 76 | 19.456 | 2798 | 2800 | 2806 | rVB2 | 58474   | 72392   | 2.60%   | 0.195% |
| 77 | 19.627 | 2827 | 2829 | 2830 | rBV2 | 6119    | 4376    | 0.16%   | 0.012% |
| 78 | 19.733 | 2843 | 2847 | 2850 | rBV  | 677551  | 683044  | 24.55%  | 1.836% |
| 79 | 19.774 | 2850 | 2854 | 2861 | rVB  | 1196248 | 1318576 | 47.39%  | 3.544% |
| 80 | 19.909 | 2873 | 2877 | 2878 | rBV4 | 16843   | 19453   | 0.70%   | 0.052% |
| 81 | 20.427 | 2962 | 2965 | 2969 | rBV3 | 35264   | 42051   | 1.51%   | 0.113% |
| 82 | 20.709 | 3010 | 3013 | 3016 | rBV  | 345009  | 379077  | 13.62%  | 1.019% |
| 83 | 20.744 | 3016 | 3019 | 3024 | rVB  | 684266  | 682332  | 24.52%  | 1.834% |
| 84 | 20.897 | 3040 | 3045 | 3056 | rBV2 | 420634  | 583247  | 20.96%  | 1.568% |
| 85 | 21.103 | 3077 | 3080 | 3084 | rBV  | 38153   | 40310   | 1.45%   | 0.108% |
| 86 | 21.197 | 3091 | 3096 | 3109 | rBV  | 2149085 | 2782555 | 100.00% | 7.479% |
| 87 | 21.333 | 3116 | 3119 | 3122 | rBV  | 158784  | 157607  | 5.66%   | 0.424% |
| 88 | 21.580 | 3157 | 3161 | 3163 | rBV  | 170472  | 180419  | 6.48%   | 0.485% |
| 89 | 21.609 | 3163 | 3166 | 3170 | rVB  | 259771  | 271598  | 9.76%   | 0.730% |
| 90 | 21.756 | 3187 | 3191 | 3195 | rBV  | 242703  | 285885  | 10.27%  | 0.768% |
| 91 | 22.015 | 3233 | 3235 | 3243 | rVB5 | 59826   | 73279   | 2.63%   | 0.197% |
| 92 | 22.209 | 3264 | 3268 | 3275 | rVB  | 370453  | 458508  | 16.48%  | 1.232% |
| 93 | 22.486 | 3312 | 3315 | 3318 | rBV3 | 82805   | 109190  | 3.92%   | 0.293% |
| 94 | 22.521 | 3318 | 3321 | 3325 | rVB  | 170779  | 214363  | 7.70%   | 0.576% |
| 95 | 22.697 | 3347 | 3351 | 3358 | rVB  | 404242  | 587243  | 21.10%  | 1.578% |
| 96 | 23.256 | 3440 | 3446 | 3458 | rVB2 | 1129765 | 2140274 | 76.92%  | 5.752% |
| 97 | 23.397 | 3464 | 3470 | 3480 | rVB  | 1315176 | 2360031 | 84.82%  | 6.343% |
| 98 | 23.874 | 3546 | 3551 | 3559 | rVB  | 313348  | 557400  | 20.03%  | 1.498% |
| 99 | 24.591 | 3668 | 3673 | 3682 | rVB2 | 218665  | 454918  | 16.35%  | 1.223% |

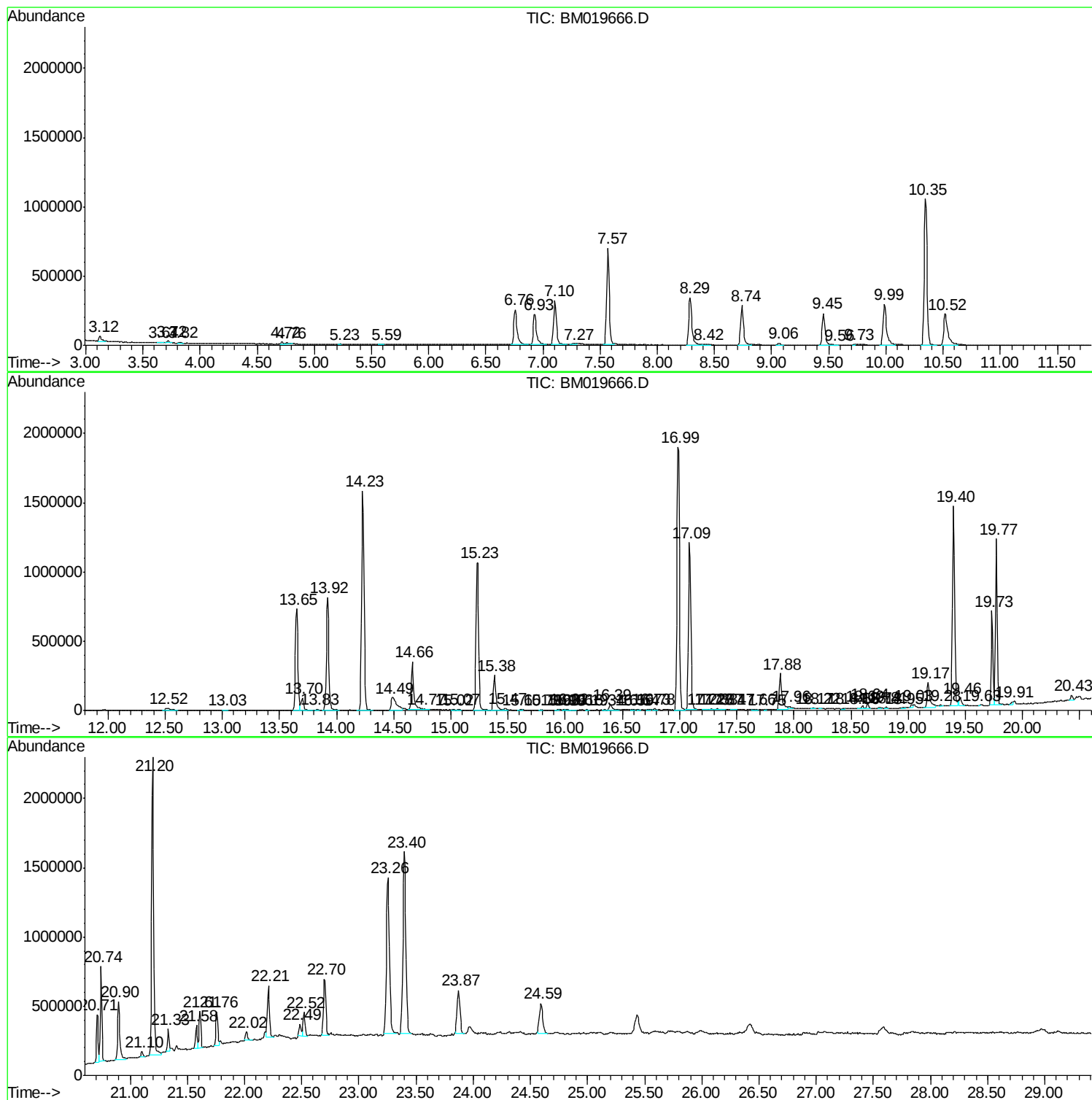
Sum of corrected areas: 37206380

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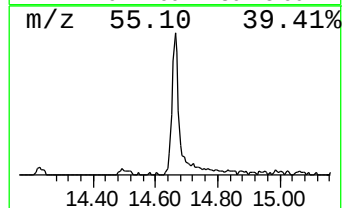
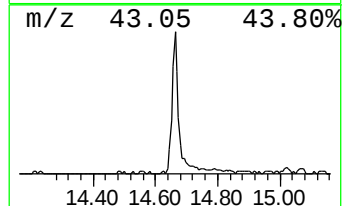
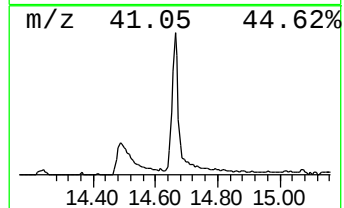
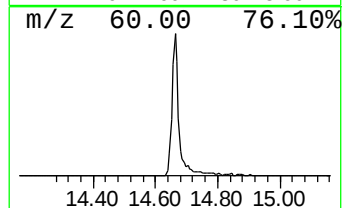
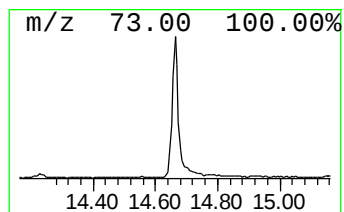
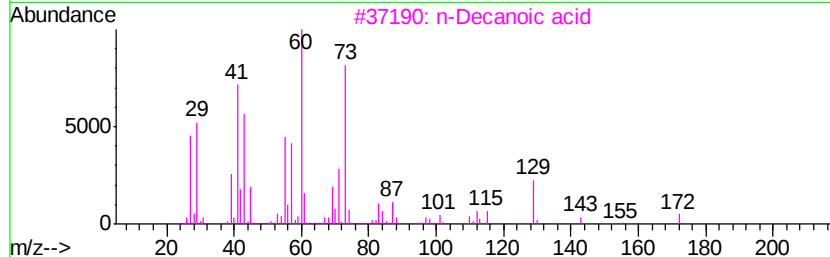
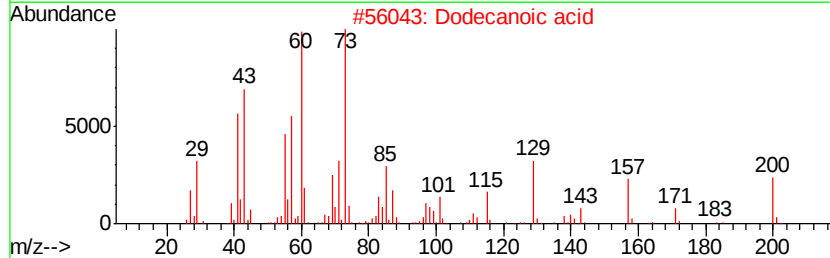
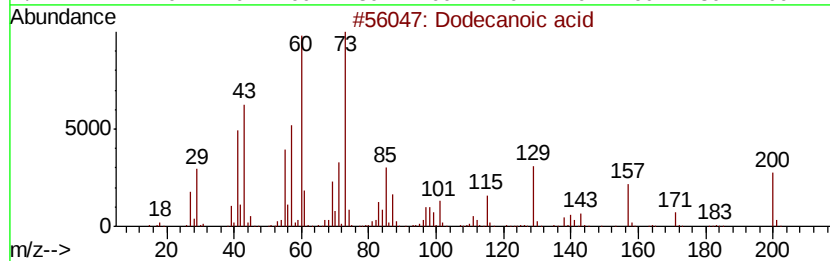
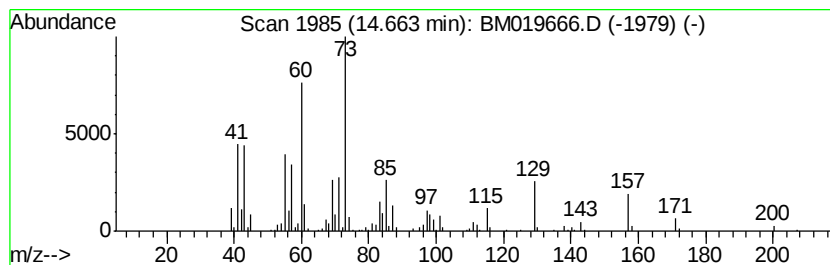
Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Dodecanoic acid Concentration Rank 6

| R.T.    | EstConc         | Area         | Relative to ISTD | R.T.      |
|---------|-----------------|--------------|------------------|-----------|
| 14.66   | 4.37 ng/ul      | 519221       | Acenaphthene-d10 | 14.23     |
| Hit# of | 5               | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Dodecanoic acid | 200 C12H24O2 | 000143-07-7      | 87        |
| 2       | Dodecanoic acid | 200 C12H24O2 | 000143-07-7      | 87        |
| 3       | n-Decanoic acid | 172 C10H20O2 | 000334-48-5      | 81        |
| 4       | Undecanoic acid | 186 C11H22O2 | 000112-37-8      | 80        |
| 5       | Dodecanoic acid | 200 C12H24O2 | 000143-07-7      | 80        |



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Quant Title : SVOA CALIBRATION

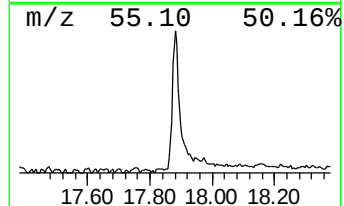
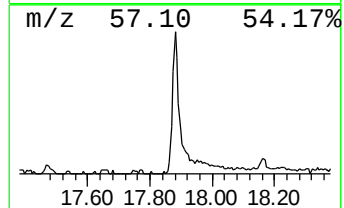
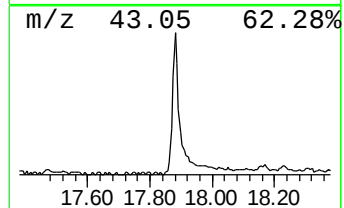
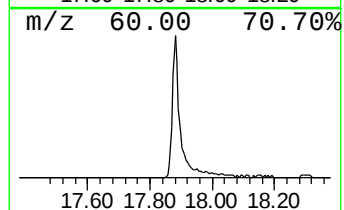
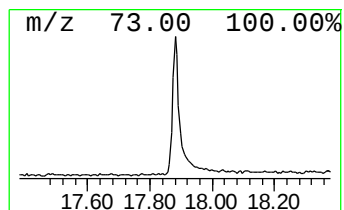
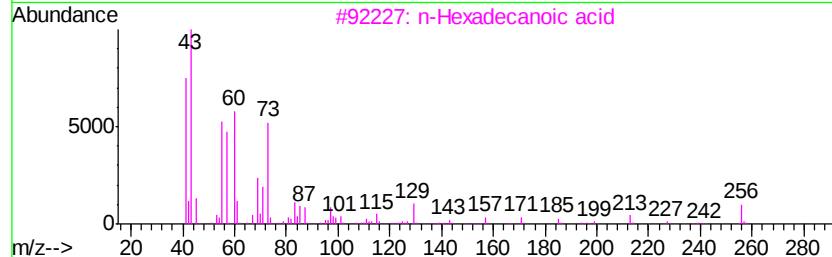
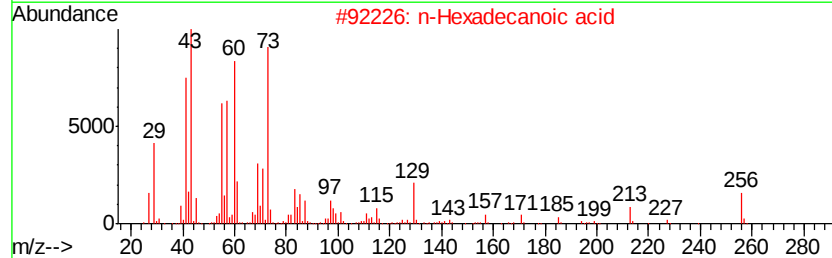
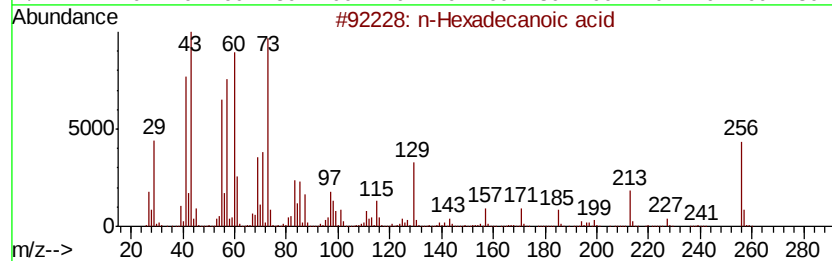
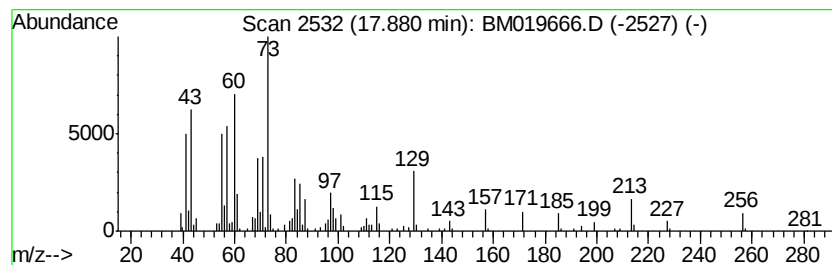
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.88 | 3.20 ng/ul | 442125 | Phenanthrene-d10 | 16.99 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 99   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 96   |      |
| 3       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 95   |      |
| 4       | Pentadecanoic acid  | 242          | C15H30O2 | 001002-84-2 | 59   |      |
| 5       | Tetradecanoic acid  | 228          | C14H28O2 | 000544-63-8 | 58   |      |



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Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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Quant Title : SVOA CALIBRATION

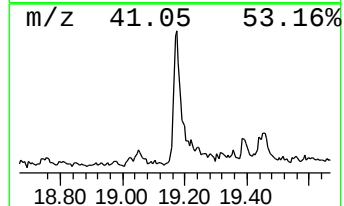
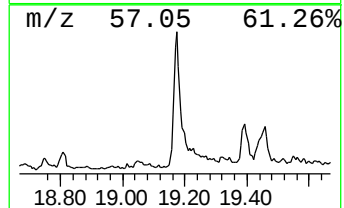
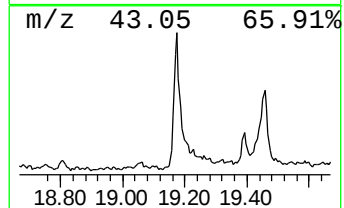
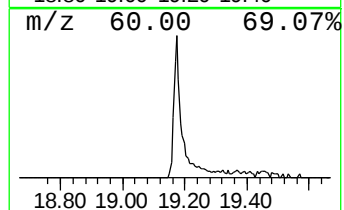
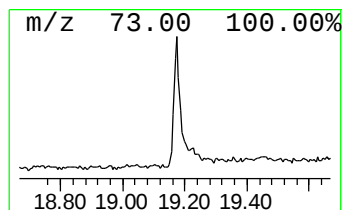
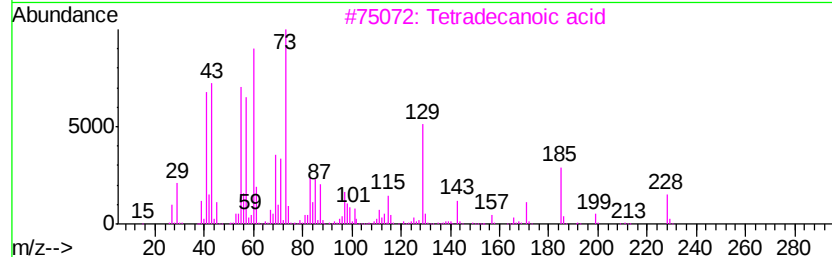
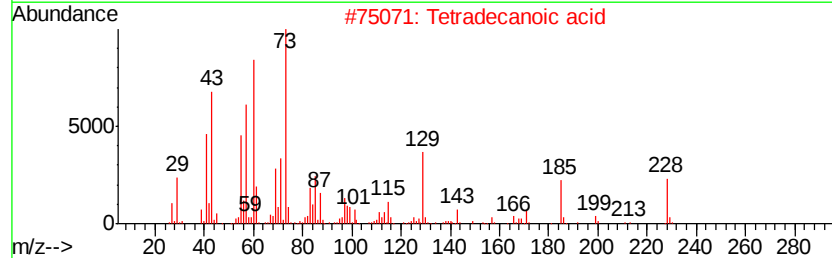
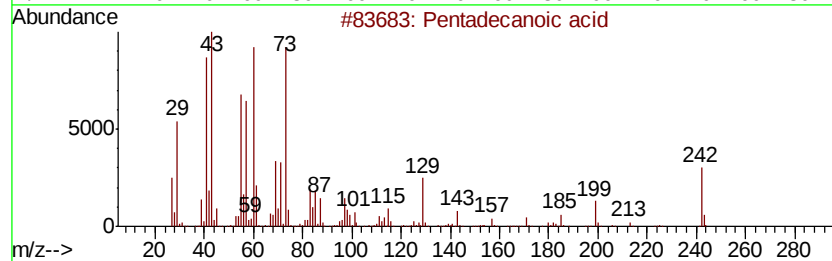
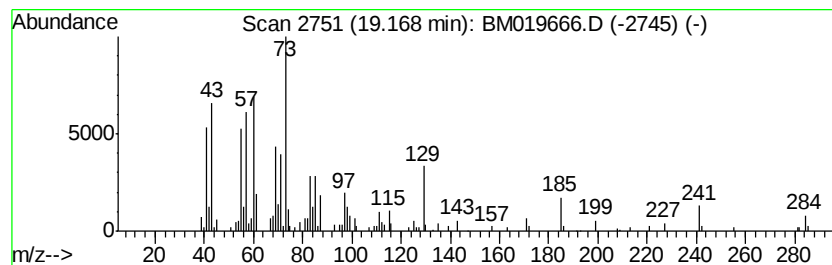
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Pentadecanoic acid Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.17 | 2.29 ng/ul | 318238 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------|-----|----------|-------------|------|
| 1    | 5  | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74   |
| 2    |    | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 52   |
| 3    |    | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 47   |
| 4    |    | Eicosane           | 282 | C20H42   | 000112-95-8 | 25   |
| 5    |    | Nonadecane         | 268 | C19H40   | 000629-92-5 | 18   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

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

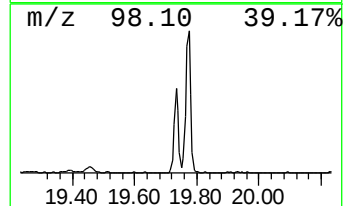
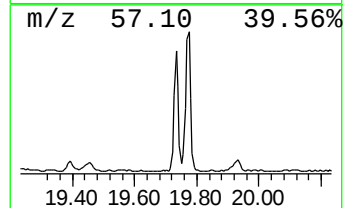
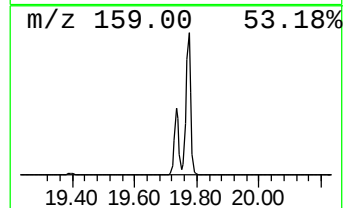
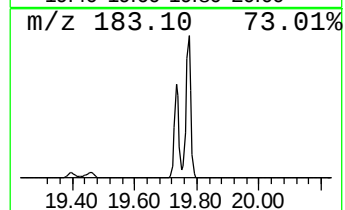
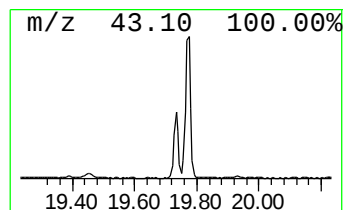
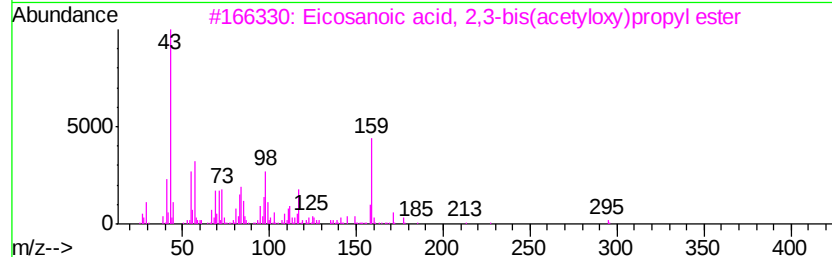
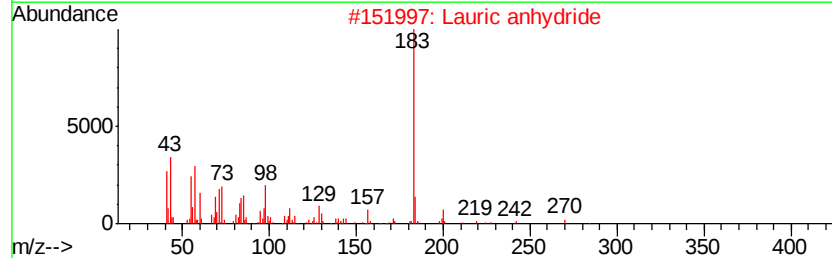
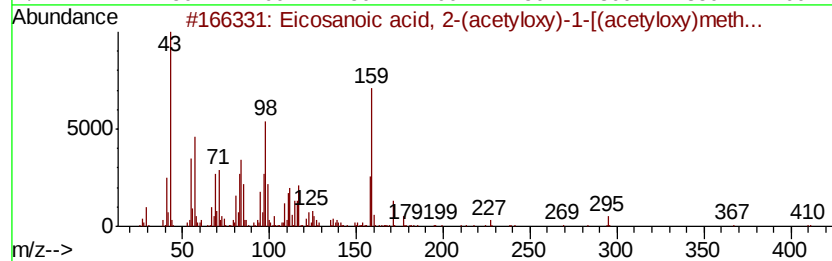
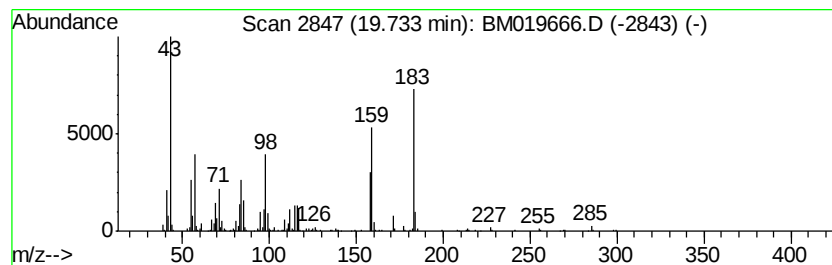
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.73 | 4.91 ng/ul | 683044 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Eicosanoic acid, 2-(acetyloxy)-1... | 470 | C27H50O6 | 055429-68-0  | 35   |
| 2    |    | Lauric anhydride                    | 382 | C24H46O3 | 000645-66-9  | 27   |
| 3    |    | Eicosanoic acid, 2,3-bis(acetylo... | 470 | C27H50O6 | 055429-67-9  | 25   |
| 4    |    | Hexadecanoic acid, 2,3-bis(acety... | 414 | C23H42O6 | 055268-70-7  | 17   |
| 5    |    | 5,8-Methano-4H-3,1-benzoxazine-2... | 183 | C9H13NOS | 1000142-76-7 | 14   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

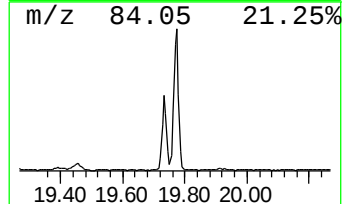
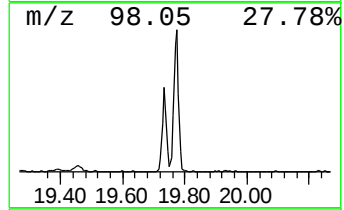
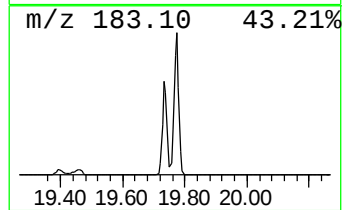
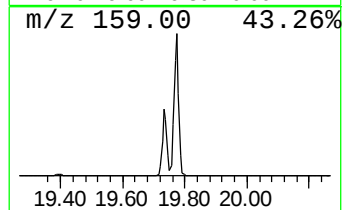
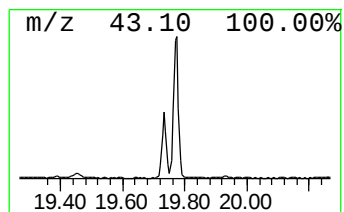
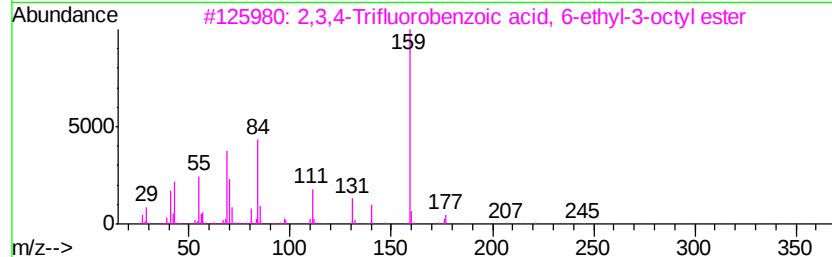
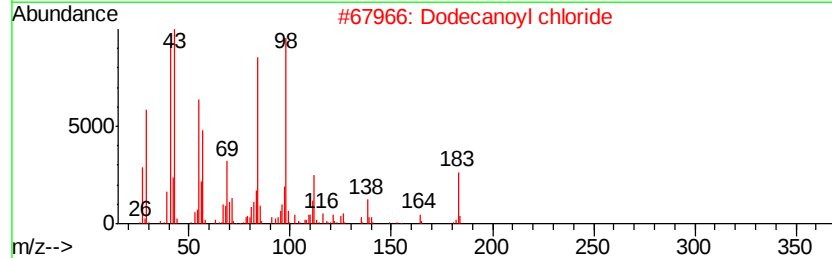
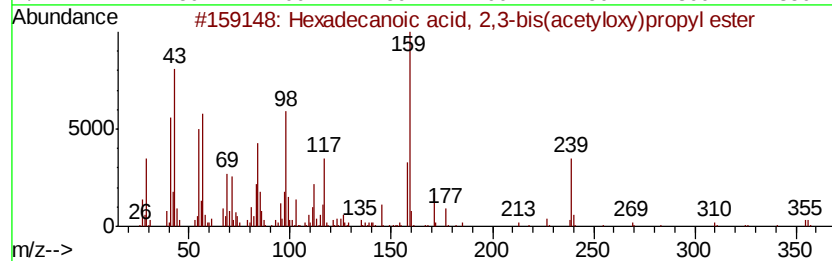
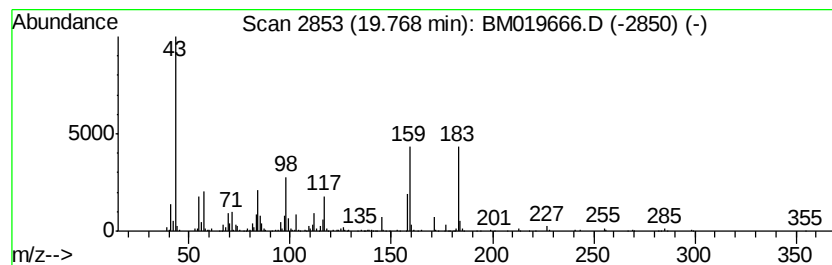
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 19.77 | 9.48 ng/ul | 1318580 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Hexadecanoic acid, 2,3-bis(acety... | 414 | C23H42O6   | 055268-70-7  | 58   |
| 2    |    | Dodecanoyl chloride                 | 218 | C12H23ClO  | 000112-16-3  | 25   |
| 3    |    | 2,3,4-Trifluorobenzoic acid, 6-e... | 316 | C17H23F3O2 | 1000282-58-3 | 14   |
| 4    |    | Lauric anhydride                    | 382 | C24H46O3   | 000645-66-9  | 14   |
| 5    |    | 2,3,4-Trifluorobenzoic acid, 4-m... | 260 | C13H15F3O2 | 1000282-29-8 | 14   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

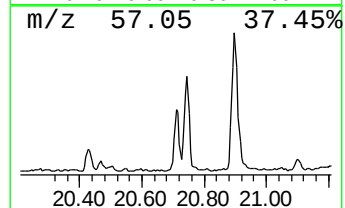
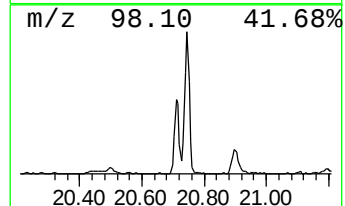
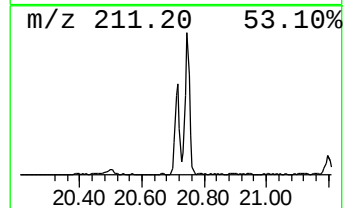
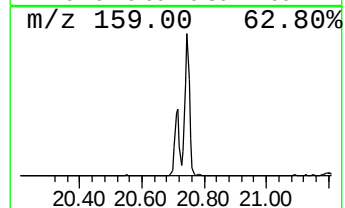
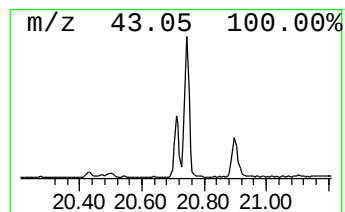
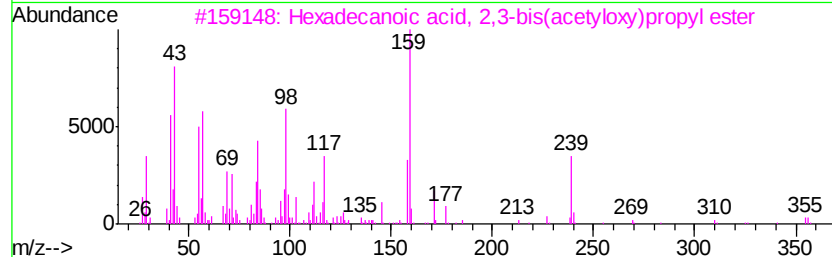
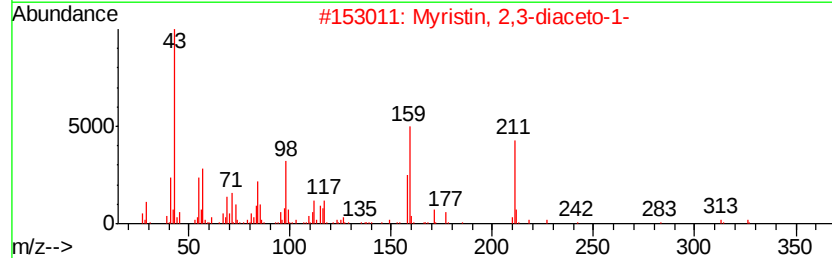
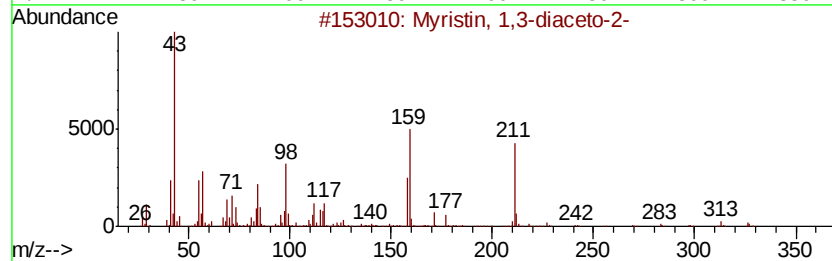
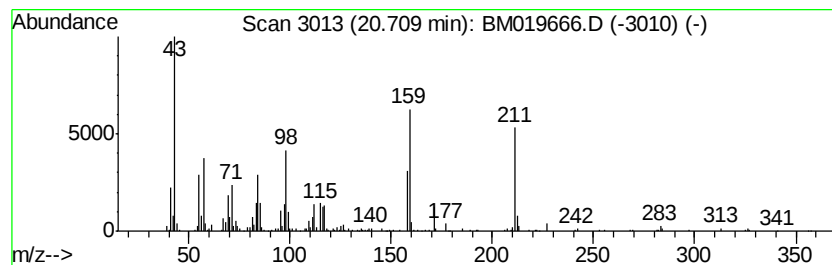
Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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 Myristin, 1,3-diaceto-2- Concentration Rank 11

| R.T.    | EstConc                                           | Area          | Relative to ISTD | R.T.      |
|---------|---------------------------------------------------|---------------|------------------|-----------|
| 20.71   | 2.72 ng/ul                                        | 379077        | Chrysene-d12     | 21.20     |
| Hit# of | 5                                                 | Tentative ID  | MW MolForm       | CAS# Qual |
| 1       | Myristin, 1,3-diaceto-2-                          | 386 C21H38O6  | 014290-23-4      | 91        |
| 2       | Myristin, 2,3-diaceto-1-                          | 386 C21H38O6  | 014473-55-3      | 91        |
| 3       | Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester | 414 C23H42O6  | 055268-70-7      | 70        |
| 4       | Myristin, 2,3-diaceto-1-                          | 386 C21H38O6  | 014473-55-3      | 38        |
| 5       | Dodecanoyl chloride                               | 218 C12H23ClO | 000112-16-3      | 22        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

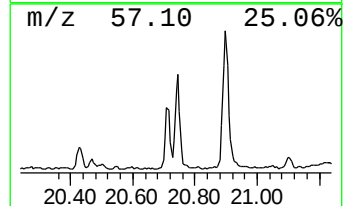
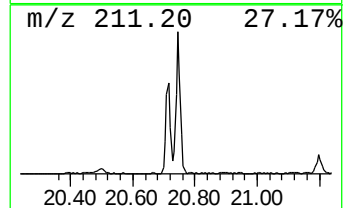
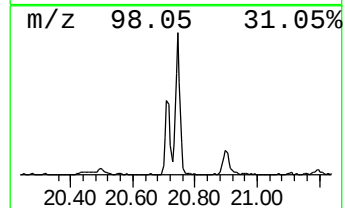
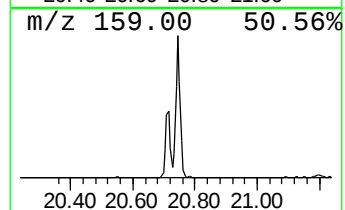
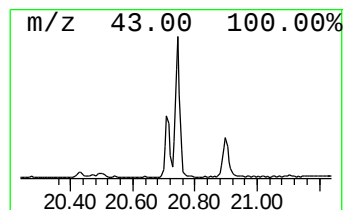
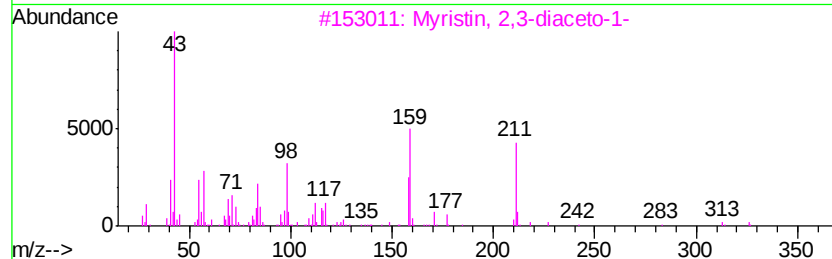
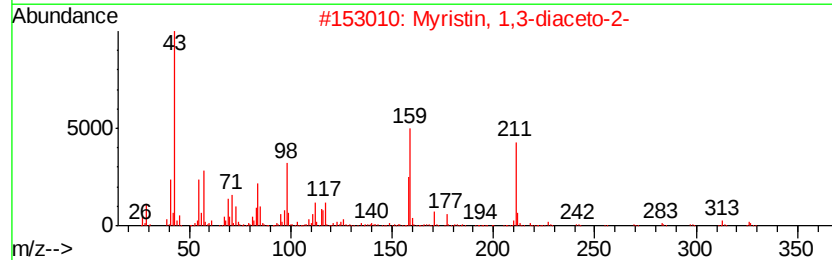
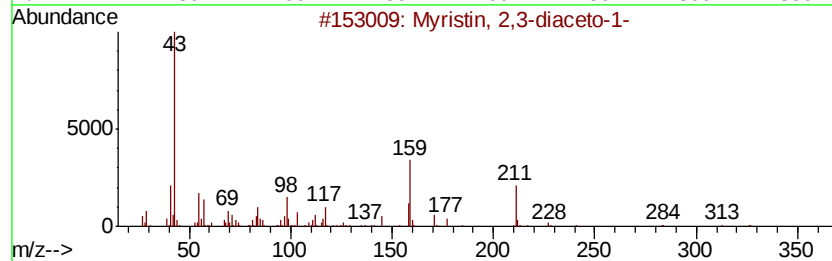
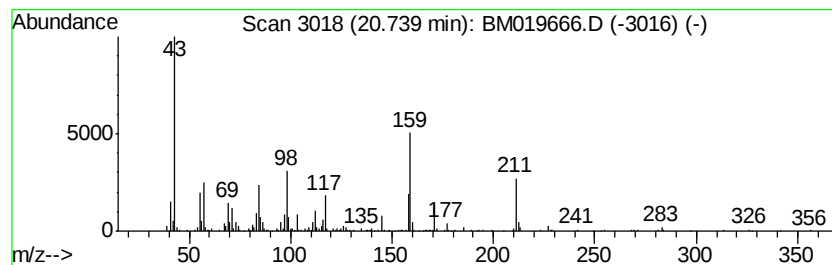
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Myristin, 2,3-diaceto-1- Concentration Rank 4

| R.T.    | EstConc            | Area              | Relative to ISTD | R.T.     |              |      |
|---------|--------------------|-------------------|------------------|----------|--------------|------|
| 20.74   | 4.90 ng/ul         | 682332            | Chrysene-d12     | 21.20    |              |      |
| Hit# of | 5                  | Tentative ID      | MW               | MolForm  | CAS#         | Qual |
| 1       | Myristin,          | 2,3-diaceto-1-    | 386              | C21H38O6 | 014473-55-3  | 91   |
| 2       | Myristin,          | 1,3-diaceto-2-    | 386              | C21H38O6 | 014290-23-4  | 90   |
| 3       | Myristin,          | 2,3-diaceto-1-    | 386              | C21H38O6 | 014473-55-3  | 74   |
| 4       | Hexadecanoic acid, | 2,3-bis(acety...  | 414              | C23H42O6 | 055268-70-7  | 70   |
| 5       | 1,3-O-Benzylidene  | glyceryl-2-myr... | 374              | C24H38O3 | 1000036-49-3 | 16   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

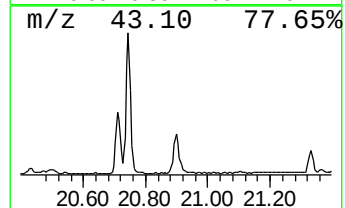
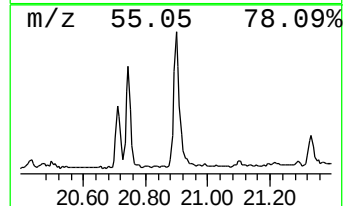
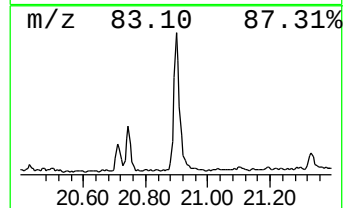
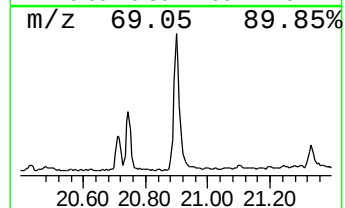
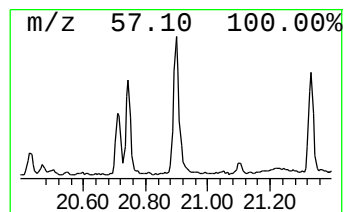
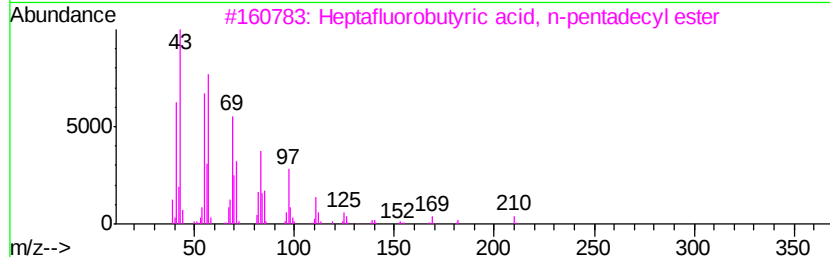
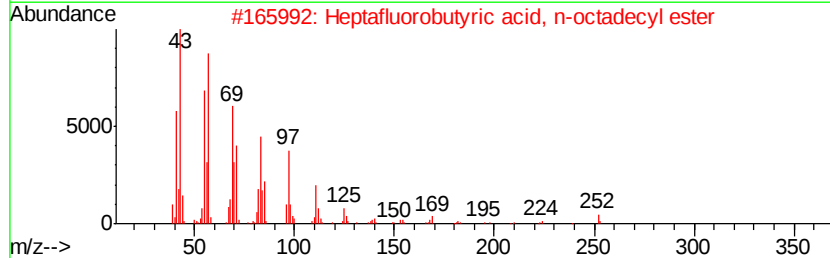
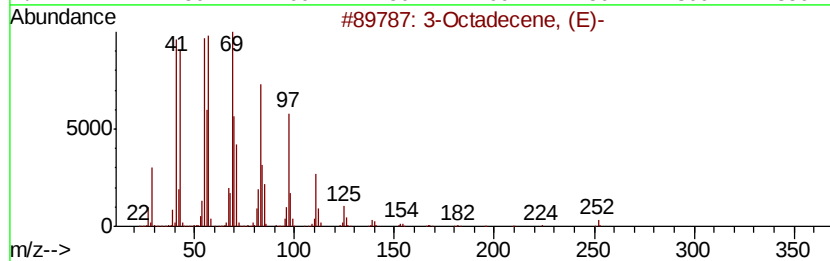
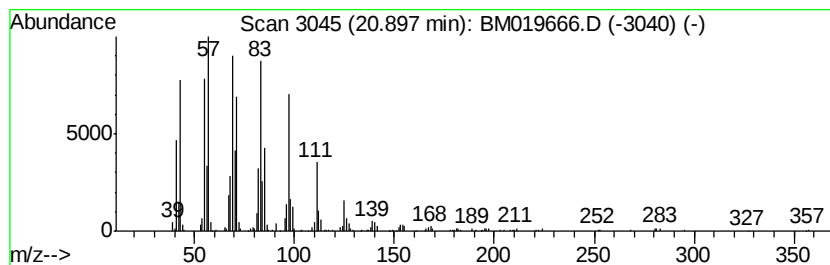
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Cyclic20.90 Concentration Rank 7

| R.T.    | EstConc                                     | Area            | Relative to ISTD | R.T.      |
|---------|---------------------------------------------|-----------------|------------------|-----------|
| 20.90   | 4.19 ng/ul                                  | 583247          | Chrysene-d12     | 21.20     |
| Hit# of | 5                                           | Tentative ID    | MW MolForm       | CAS# Qual |
| 1       | 3-Octadecene, (E)-                          | 252 C18H36      | 007206-19-1      | 95        |
| 2       | Heptafluorobutyric acid, n-octadecyl ester  | 466 C22H37F7O2  | 000400-57-7      | 91        |
| 3       | Heptafluorobutyric acid, n-pentadecyl ester | 424 C19H31F7O2  | 1000216-79-3     | 91        |
| 4       | Trichloroacetic acid, hexadecyl ester       | 386 C18H33Cl3O2 | 074339-54-1      | 91        |
| 5       | Trichloroacetic acid, pentadecyl ester      | 372 C17H31Cl3O2 | 074339-53-0      | 91        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

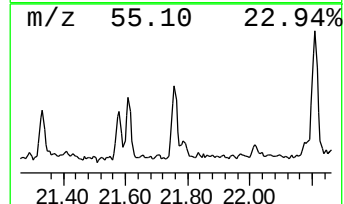
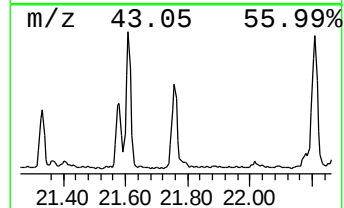
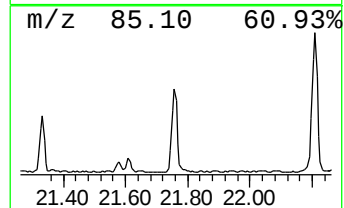
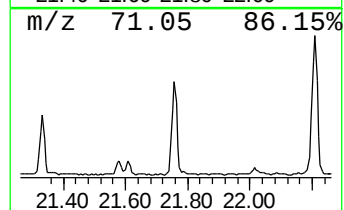
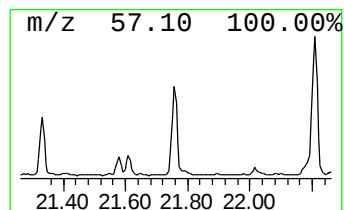
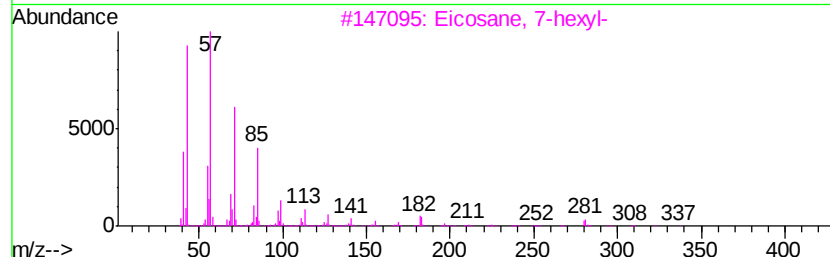
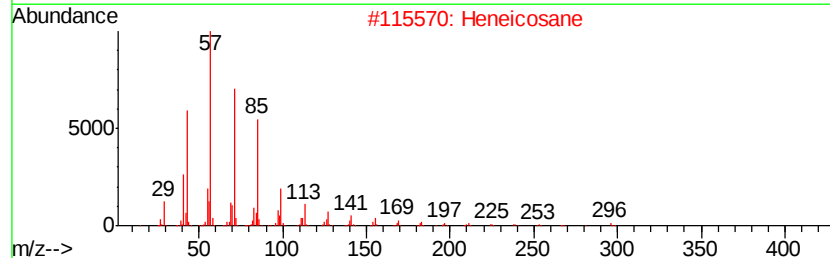
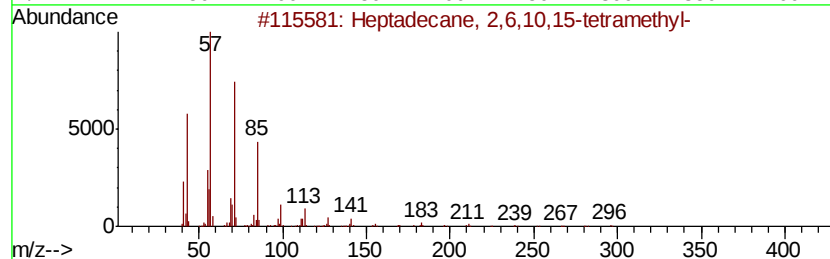
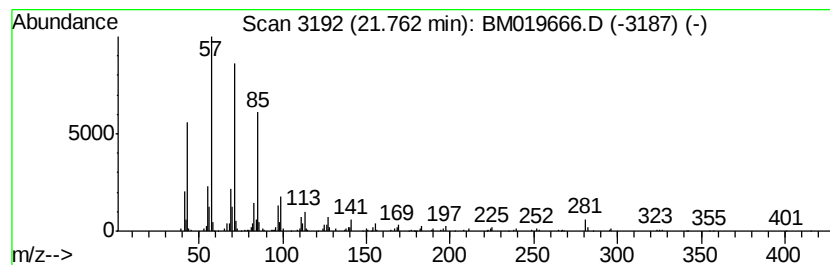
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.76 | 2.05 ng/ul | 285885 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 93   |
| 2    |    | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Eicosane, 7-hexyl-                  | 366 | C26H54  | 055333-99-8 | 90   |
| 4    |    | Octadecane                          | 254 | C18H38  | 000593-45-3 | 87   |
| 5    |    | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

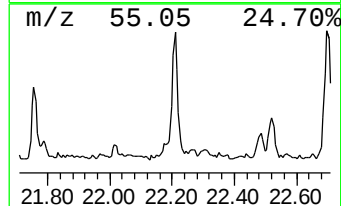
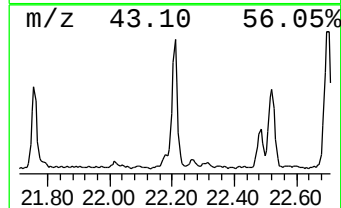
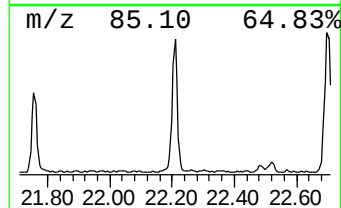
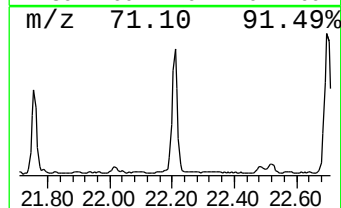
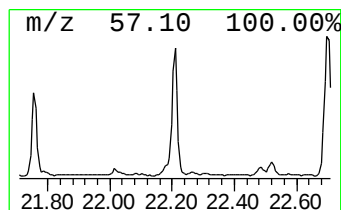
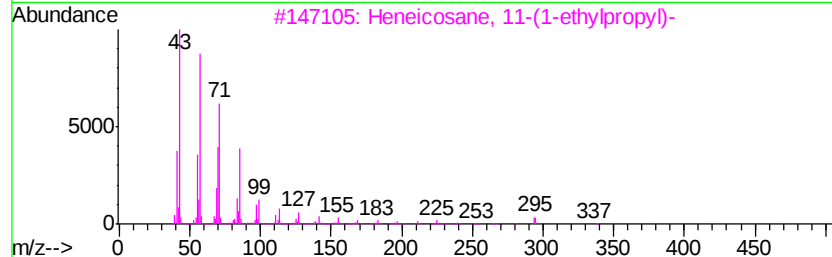
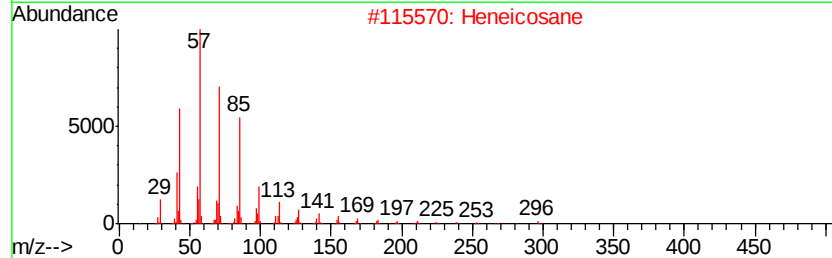
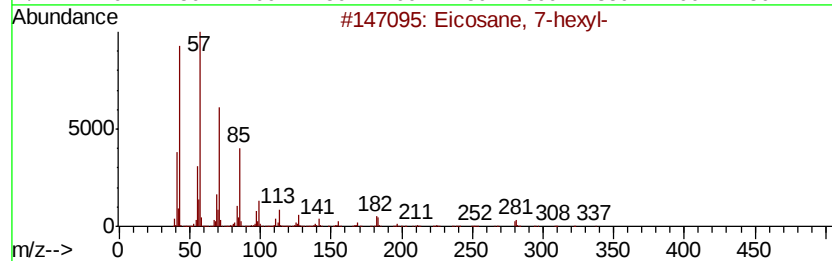
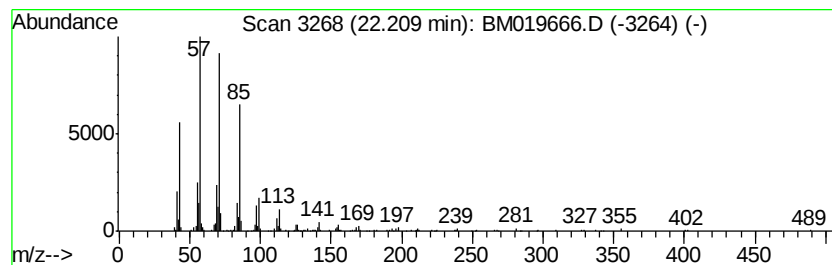
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.21 | 3.30 ng/ul | 458508 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane, 7-hexyl-               | 366 | C26H54  | 055333-99-8 | 90   |
| 2    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 90   |
| 4    |    | Dodecane                         | 170 | C12H26  | 000112-40-3 | 80   |
| 5    |    | Tridecane, 1-iodo-               | 310 | C13H27I | 035599-77-0 | 78   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

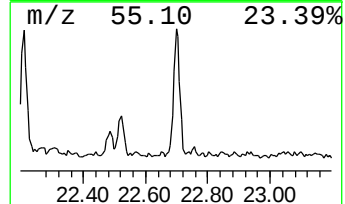
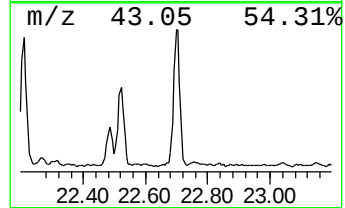
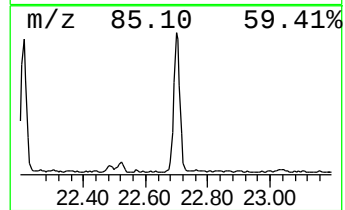
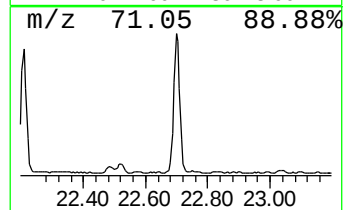
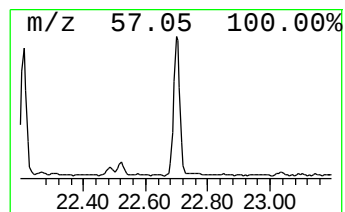
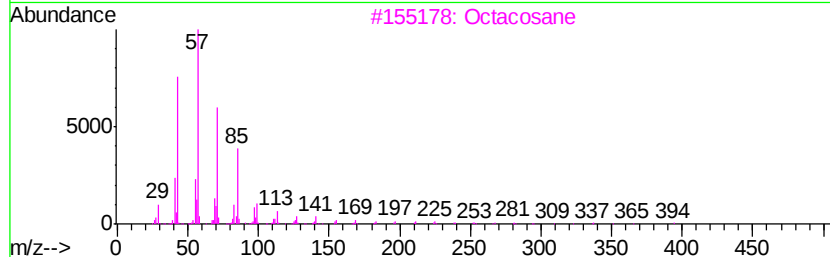
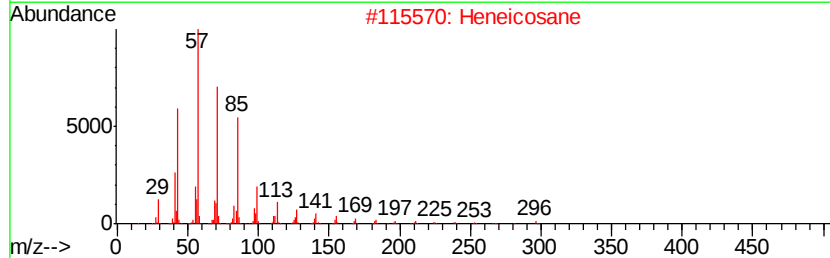
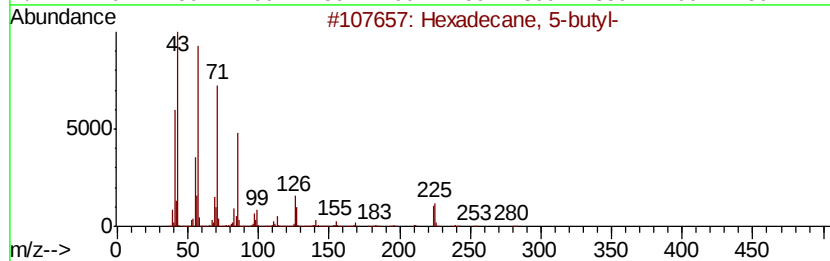
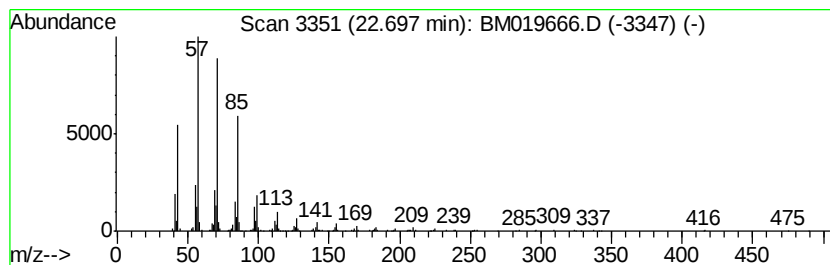
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.70 | 4.98 ng/ul | 587243 | Perylene-d12     | 23.40 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 5-butyl-             | 282 | C20H42  | 006912-07-8 | 93   |
| 2    |    |   | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Octacosane                       | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    |   | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 90   |
| 5    |    |   | Pentadecane, 8-heptyl-           | 310 | C22H46  | 071005-15-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

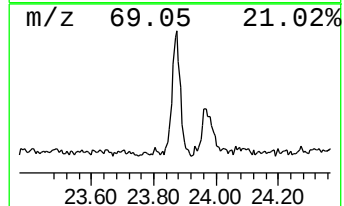
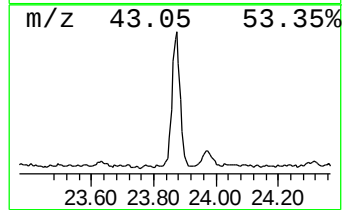
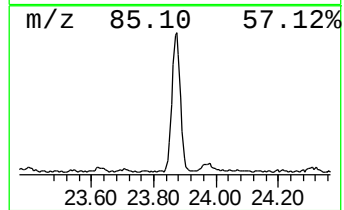
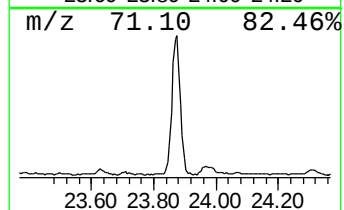
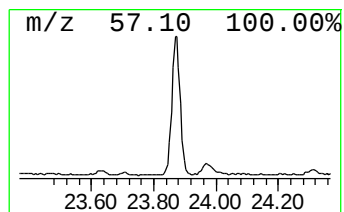
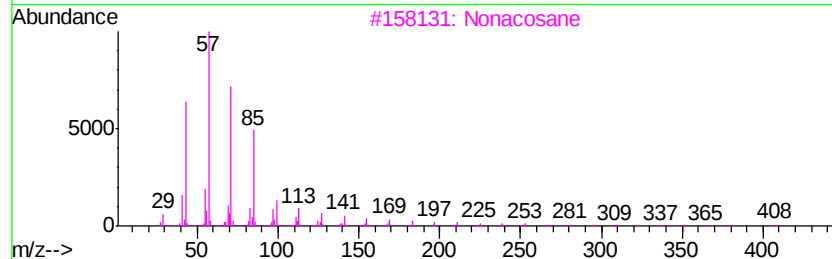
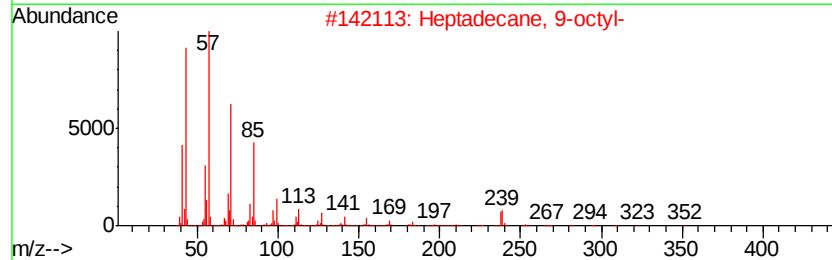
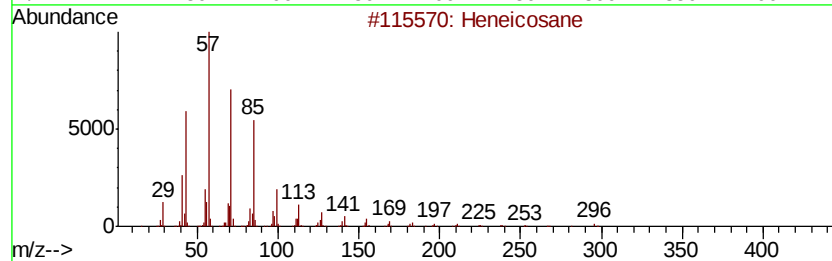
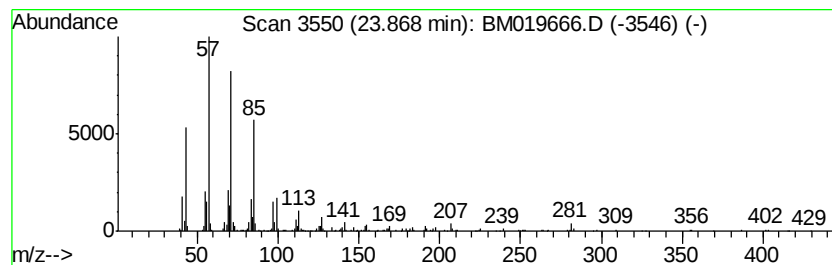
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.87 | 4.72 ng/ul | 557400 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Heptadecane, 9-octyl-               | 352 | C25H52  | 007225-64-1 | 91   |
| 3    |    | Nonacosane                          | 408 | C29H60  | 000630-03-5 | 91   |
| 4    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 90   |
| 5    |    | Docosane, 11-butyl-                 | 366 | C26H54  | 013475-76-8 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\  
Data File : BM019666.D  
Acq On : 01 Apr 2019 21:46  
Operator : JU/SJ  
Sample : K2119-18  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BF5B4

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

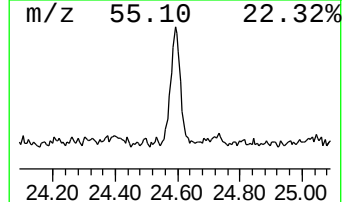
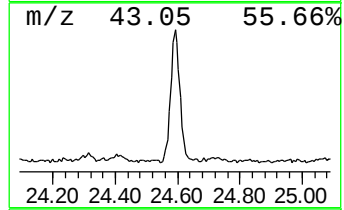
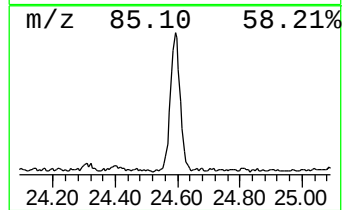
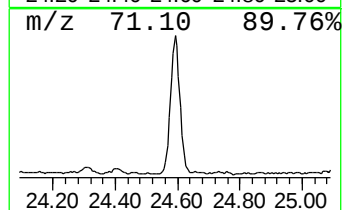
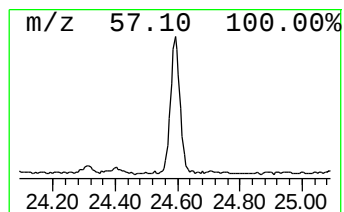
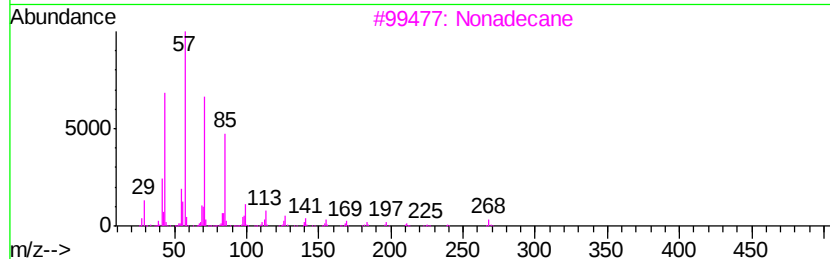
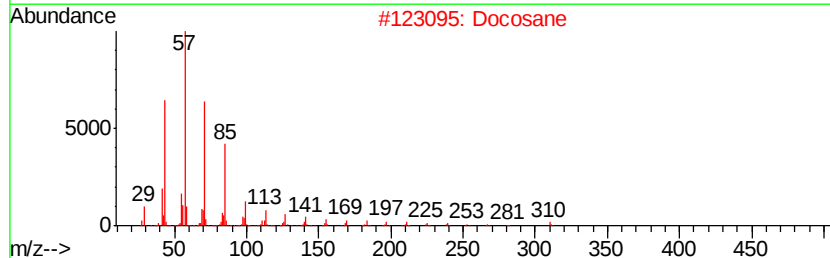
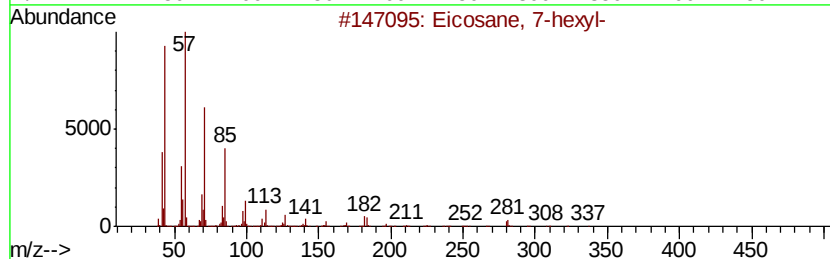
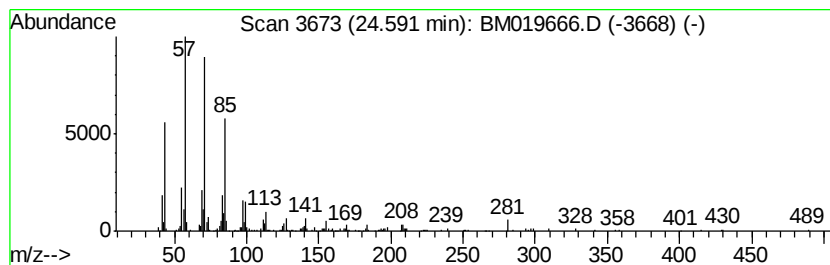
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.59 | 3.86 ng/ul | 454918 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane, 7-hexyl-    | 366 | C26H54  | 055333-99-8 | 90   |
| 2    |    | Docosane              | 310 | C22H46  | 000629-97-0 | 87   |
| 3    |    | Nonadecane            | 268 | C19H40  | 000629-92-5 | 87   |
| 4    |    | triacontane           | 422 | C30H62  | 000638-68-6 | 86   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040119\  
 Data File : BM019666.D  
 Acq On : 01 Apr 2019 21:46  
 Operator : JU/SJ  
 Sample : K2119-18  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF5B4

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 |
| Dodecanoic acid      | 14.66 | 4.4     | ng/ul | 519221   | 3                     | 14.23 | 2378130 | 20.0 |
| n-Hexadecanoic acid  | 17.88 | 3.2     | ng/ul | 442125   | 4                     | 16.99 | 2764530 | 20.0 |
| Pentadecanoic acid   | 19.17 | 2.3     | ng/ul | 318238   | 5                     | 21.20 | 2782560 | 20.0 |
| unknown-01           | 19.73 | 4.9     | ng/ul | 683044   | 5                     | 21.20 | 2782560 | 20.0 |
| Hexadecanoic acid... | 19.77 | 9.5     | ng/ul | 1318580  | 5                     | 21.20 | 2782560 | 20.0 |
| Myristin, 1,3-dia... | 20.71 | 2.7     | ng/ul | 379077   | 5                     | 21.20 | 2782560 | 20.0 |
| Myristin, 2,3-dia... | 20.74 | 4.9     | ng/ul | 682332   | 5                     | 21.20 | 2782560 | 20.0 |
| (DEL) Alkane: Cyc... | 20.90 | 4.2     | ng/ul | 583247   | 5                     | 21.20 | 2782560 | 20.0 |
| (DEL) Alkane: Str... | 21.76 | 2.0     | ng/ul | 285885   | 5                     | 21.20 | 2782560 | 20.0 |
| (DEL) Alkane: Str... | 22.21 | 3.3     | ng/ul | 458508   | 5                     | 21.20 | 2782560 | 20.0 |
| (DEL) Alkane: Str... | 22.70 | 5.0     | ng/ul | 587243   | 6                     | 23.40 | 2360030 | 20.0 |
| (DEL) Alkane: Str... | 23.87 | 4.7     | ng/ul | 557400   | 6                     | 23.40 | 2360030 | 20.0 |
| (DEL) Alkane: Str... | 24.59 | 3.9     | ng/ul | 454918   | 6                     | 23.40 | 2360030 | 20.0 |