

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
 Data File : BN005183.D  
 Acq On : 22 Apr 2019 20:25  
 Operator : JU/SJ  
 Sample : K2402-16  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHJ6

## 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\_N\METHODS\SOM-EPA-BN041919MA.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      | 3.217    | 35         | 39       | 44        | rBV   | 206279      | 227345     | 2.62%        | 0.185%     |
| 2      | 3.481    | 81         | 84       | 92        | rBV4  | 10908       | 15833      | 0.18%        | 0.013%     |
| 3      | 3.917    | 154        | 158      | 163       | rBV3  | 19360       | 25800      | 0.30%        | 0.021%     |
| 4      | 4.005    | 169        | 173      | 180       | rVB7  | 10475       | 19029      | 0.22%        | 0.016%     |
| 5      | 4.787    | 301        | 306      | 310       | rVB6  | 8737        | 12331      | 0.14%        | 0.010%     |
| 6      | 4.864    | 316        | 319      | 323       | rVB6  | 7429        | 8873       | 0.10%        | 0.007%     |
| 7      | 5.640    | 447        | 451      | 458       | rBV6  | 17476       | 37790      | 0.44%        | 0.031%     |
| 8      | 5.728    | 461        | 466      | 471       | rVB4  | 14229       | 23027      | 0.27%        | 0.019%     |
| 9      | 6.281    | 554        | 560      | 565       | rBV3  | 28976       | 50125      | 0.58%        | 0.041%     |
| 10     | 6.775    | 637        | 644      | 654       | rBV   | 1871503     | 2878320    | 33.20%       | 2.347%     |
| 11     | 6.946    | 665        | 673      | 685       | rBV   | 1431928     | 2155117    | 24.86%       | 1.757%     |
| 12     | 7.134    | 698        | 705      | 714       | rVB   | 1807903     | 2800126    | 32.30%       | 2.283%     |
| 13     | 7.269    | 724        | 728      | 732       | rBV5  | 4948        | 9807       | 0.11%        | 0.008%     |
| 14     | 7.599    | 776        | 784      | 791       | rBV   | 1743187     | 2676421    | 30.88%       | 2.182%     |
| 15     | 7.669    | 791        | 796      | 805       | rVB2  | 82496       | 132083     | 1.52%        | 0.108%     |
| 16     | 8.134    | 870        | 875      | 879       | rBV6  | 10005       | 17517      | 0.20%        | 0.014%     |
| 17     | 8.293    | 894        | 902      | 913       | rBV   | 2280776     | 3532646    | 40.75%       | 2.880%     |
| 18     | 8.411    | 918        | 922      | 927       | rVB6  | 5578        | 10679      | 0.12%        | 0.009%     |
| 19     | 8.734    | 970        | 977      | 989       | rVB   | 1671800     | 2757798    | 31.81%       | 2.248%     |
| 20     | 8.858    | 989        | 998      | 1004      | rBV   | 35074       | 58693      | 0.68%        | 0.048%     |
| 21     | 8.910    | 1004       | 1007     | 1012      | rVB7  | 12038       | 14872      | 0.17%        | 0.012%     |
| 22     | 9.199    | 1050       | 1056     | 1062      | rVB   | 46633       | 65646      | 0.76%        | 0.054%     |
| 23     | 9.452    | 1092       | 1099     | 1107      | rBV   | 1405151     | 2262314    | 26.10%       | 1.844%     |
| 24     | 9.510    | 1107       | 1109     | 1114      | rVB5  | 11019       | 14948      | 0.17%        | 0.012%     |
| 25     | 9.981    | 1181       | 1189     | 1200      | rBV   | 2270204     | 3643197    | 42.03%       | 2.970%     |
| 26     | 10.363   | 1244       | 1254     | 1264      | rBV   | 2349044     | 3919807    | 45.22%       | 3.196%     |
| 27     | 10.499   | 1268       | 1277     | 1287      | rBV   | 2082014     | 3557967    | 41.04%       | 2.901%     |
| 28     | 11.222   | 1397       | 1400     | 1404      | rBV5  | 5196        | 9238       | 0.11%        | 0.008%     |
| 29     | 11.416   | 1431       | 1433     | 1439      | rVB7  | 5996        | 9399       | 0.11%        | 0.008%     |
| 30     | 11.799   | 1494       | 1498     | 1502      | rBV6  | 9175        | 16788      | 0.19%        | 0.014%     |
| 31     | 11.899   | 1511       | 1515     | 1519      | rVV6  | 12574       | 21724      | 0.25%        | 0.018%     |
| 32     | 11.951   | 1519       | 1524     | 1531      | rVB   | 39697       | 65340      | 0.75%        | 0.053%     |
| 33     | 13.075   | 1710       | 1715     | 1721      | rVB4  | 22849       | 34715      | 0.40%        | 0.028%     |
| 34     | 13.146   | 1723       | 1727     | 1732      | rVV6  | 9233        | 16815      | 0.19%        | 0.014%     |

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 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\_N\METHODS\SOM-EPA-BN041919MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 13.193 | 1732 | 1735 | 1744 | rVB7  | 9315    | 15004   | 0.17%  | 0.012% |
| 36 | 13.463 | 1774 | 1781 | 1787 | rBV   | 239693  | 335507  | 3.87%  | 0.274% |
| 37 | 13.651 | 1806 | 1813 | 1817 | rBV   | 3808698 | 5218603 | 60.20% | 4.255% |
| 38 | 13.698 | 1817 | 1821 | 1828 | rVV   | 1049390 | 1454025 | 16.77% | 1.185% |
| 39 | 13.922 | 1851 | 1859 | 1870 | rBV   | 4163945 | 6355265 | 73.31% | 5.181% |
| 40 | 14.163 | 1895 | 1900 | 1904 | rVB4  | 16009   | 21845   | 0.25%  | 0.018% |
| 41 | 14.234 | 1904 | 1912 | 1920 | rBV2  | 3199219 | 5099985 | 58.83% | 4.158% |
| 42 | 14.428 | 1938 | 1945 | 1956 | rBV   | 1713090 | 2495283 | 28.79% | 2.034% |
| 43 | 14.598 | 1971 | 1974 | 1980 | rVB7  | 5988    | 10899   | 0.13%  | 0.009% |
| 44 | 14.681 | 1983 | 1988 | 1994 | rBV10 | 11333   | 25374   | 0.29%  | 0.021% |
| 45 | 14.787 | 2004 | 2006 | 2010 | rVB4  | 8428    | 9744    | 0.11%  | 0.008% |
| 46 | 14.857 | 2014 | 2018 | 2022 | rVB5  | 5905    | 8846    | 0.10%  | 0.007% |
| 47 | 15.069 | 2049 | 2054 | 2057 | rVV6  | 6610    | 11246   | 0.13%  | 0.009% |
| 48 | 15.122 | 2057 | 2063 | 2067 | rVB5  | 20697   | 29913   | 0.35%  | 0.024% |
| 49 | 15.228 | 2074 | 2081 | 2089 | rBV   | 5196841 | 7451066 | 85.96% | 6.075% |
| 50 | 15.345 | 2095 | 2101 | 2111 | rBV   | 1550295 | 2023770 | 23.35% | 1.650% |
| 51 | 15.469 | 2118 | 2122 | 2127 | rVB   | 65091   | 99234   | 1.14%  | 0.081% |
| 52 | 15.616 | 2143 | 2147 | 2148 | rBV4  | 8141    | 10344   | 0.12%  | 0.008% |
| 53 | 15.687 | 2154 | 2159 | 2165 | rBV9  | 8175    | 16702   | 0.19%  | 0.014% |
| 54 | 15.881 | 2188 | 2192 | 2194 | rBV5  | 9742    | 11084   | 0.13%  | 0.009% |
| 55 | 15.987 | 2206 | 2210 | 2213 | rBV5  | 15330   | 18783   | 0.22%  | 0.015% |
| 56 | 16.022 | 2213 | 2216 | 2222 | rVB5  | 26440   | 43557   | 0.50%  | 0.036% |
| 57 | 16.334 | 2266 | 2269 | 2270 | rBV3  | 11844   | 13148   | 0.15%  | 0.011% |
| 58 | 16.416 | 2276 | 2283 | 2291 | rBV4  | 65210   | 124808  | 1.44%  | 0.102% |
| 59 | 16.563 | 2305 | 2308 | 2310 | rBV4  | 9963    | 9959    | 0.11%  | 0.008% |
| 60 | 16.639 | 2317 | 2321 | 2322 | rBV3  | 9970    | 11644   | 0.13%  | 0.009% |
| 61 | 16.657 | 2322 | 2324 | 2332 | rVB7  | 14779   | 22453   | 0.26%  | 0.018% |
| 62 | 16.769 | 2334 | 2343 | 2348 | rBV4  | 28984   | 86538   | 1.00%  | 0.071% |
| 63 | 16.916 | 2365 | 2368 | 2370 | rBV4  | 7811    | 9836    | 0.11%  | 0.008% |
| 64 | 16.987 | 2373 | 2380 | 2386 | rVV   | 4078517 | 5937225 | 68.49% | 4.841% |
| 65 | 17.081 | 2388 | 2396 | 2407 | rBV2  | 5366432 | 7845023 | 90.50% | 6.396% |
| 66 | 17.186 | 2411 | 2414 | 2421 | rVB6  | 38640   | 63264   | 0.73%  | 0.052% |
| 67 | 17.304 | 2429 | 2434 | 2440 | rBV6  | 43917   | 84315   | 0.97%  | 0.069% |
| 68 | 17.410 | 2447 | 2452 | 2456 | rBV7  | 24602   | 48777   | 0.56%  | 0.040% |
| 69 | 17.528 | 2469 | 2472 | 2473 | rBV3  | 20514   | 24010   | 0.28%  | 0.020% |
| 70 | 17.598 | 2483 | 2484 | 2490 | rVB5  | 17090   | 17110   | 0.20%  | 0.014% |
| 71 | 17.781 | 2512 | 2515 | 2522 | rBV5  | 102409  | 214544  | 2.47%  | 0.175% |

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Max Peaks: 100  
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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 17.916 | 2533 | 2538 | 2555 | rBV  | 1457256 | 2619747 | 30.22%  | 2.136% |
| 73  | 18.475 | 2630 | 2633 | 2637 | rBV5 | 30446   | 44727   | 0.52%   | 0.036% |
| 74  | 18.692 | 2667 | 2670 | 2676 | rBV6 | 32980   | 56914   | 0.66%   | 0.046% |
| 75  | 18.863 | 2696 | 2699 | 2704 | rBV3 | 63828   | 96344   | 1.11%   | 0.079% |
| 76  | 19.028 | 2723 | 2727 | 2730 | rBV  | 65852   | 99212   | 1.14%   | 0.081% |
| 77  | 19.092 | 2734 | 2738 | 2747 | rVB2 | 204817  | 420081  | 4.85%   | 0.342% |
| 78  | 19.216 | 2754 | 2759 | 2767 | rBV  | 675281  | 1140787 | 13.16%  | 0.930% |
| 79  | 19.398 | 2783 | 2790 | 2796 | rVB  | 6089961 | 8668556 | 100.00% | 7.067% |
| 80  | 19.451 | 2796 | 2799 | 2803 | rBV  | 75839   | 104468  | 1.21%   | 0.085% |
| 81  | 19.992 | 2888 | 2891 | 2896 | rBV  | 100375  | 158193  | 1.82%   | 0.129% |
| 82  | 20.039 | 2896 | 2899 | 2910 | rVB2 | 93101   | 176967  | 2.04%   | 0.144% |
| 83  | 20.498 | 2975 | 2977 | 2981 | rVB2 | 126998  | 128153  | 1.48%   | 0.104% |
| 84  | 20.957 | 3051 | 3055 | 3061 | rBV2 | 1053786 | 1638568 | 18.90%  | 1.336% |
| 85  | 21.163 | 3087 | 3090 | 3093 | rVV  | 260620  | 269715  | 3.11%   | 0.220% |
| 86  | 21.210 | 3093 | 3098 | 3104 | rVB  | 4651250 | 6138346 | 70.81%  | 5.005% |
| 87  | 21.416 | 3130 | 3133 | 3142 | rVB  | 295419  | 376671  | 4.35%   | 0.307% |
| 88  | 21.645 | 3169 | 3172 | 3176 | rVB  | 289536  | 326540  | 3.77%   | 0.266% |
| 89  | 21.851 | 3203 | 3207 | 3217 | rBV  | 386210  | 531063  | 6.13%   | 0.433% |
| 90  | 22.098 | 3247 | 3249 | 3254 | rVB5 | 89182   | 93429   | 1.08%   | 0.076% |
| 91  | 22.310 | 3278 | 3285 | 3291 | rBV2 | 572461  | 1187425 | 13.70%  | 0.968% |
| 92  | 22.433 | 3301 | 3306 | 3315 | rVB  | 2153089 | 2895760 | 33.41%  | 2.361% |
| 93  | 22.816 | 3366 | 3371 | 3376 | rBV  | 549167  | 792115  | 9.14%   | 0.646% |
| 94  | 23.274 | 3442 | 3449 | 3460 | rVB2 | 4789710 | 8552680 | 98.66%  | 6.973% |
| 95  | 23.374 | 3461 | 3466 | 3468 | rVV  | 606092  | 938514  | 10.83%  | 0.765% |
| 96  | 23.416 | 3468 | 3473 | 3486 | rVB  | 3547659 | 6339791 | 73.14%  | 5.169% |
| 97  | 24.010 | 3569 | 3574 | 3581 | rVB  | 508347  | 901525  | 10.40%  | 0.735% |
| 98  | 24.086 | 3583 | 3587 | 3599 | rVV4 | 133950  | 309420  | 3.57%   | 0.252% |
| 99  | 24.745 | 3693 | 3699 | 3706 | rVB  | 360143  | 720008  | 8.31%   | 0.587% |
| 100 | 25.604 | 3839 | 3845 | 3856 | rVB2 | 232435  | 548993  | 6.33%   | 0.448% |

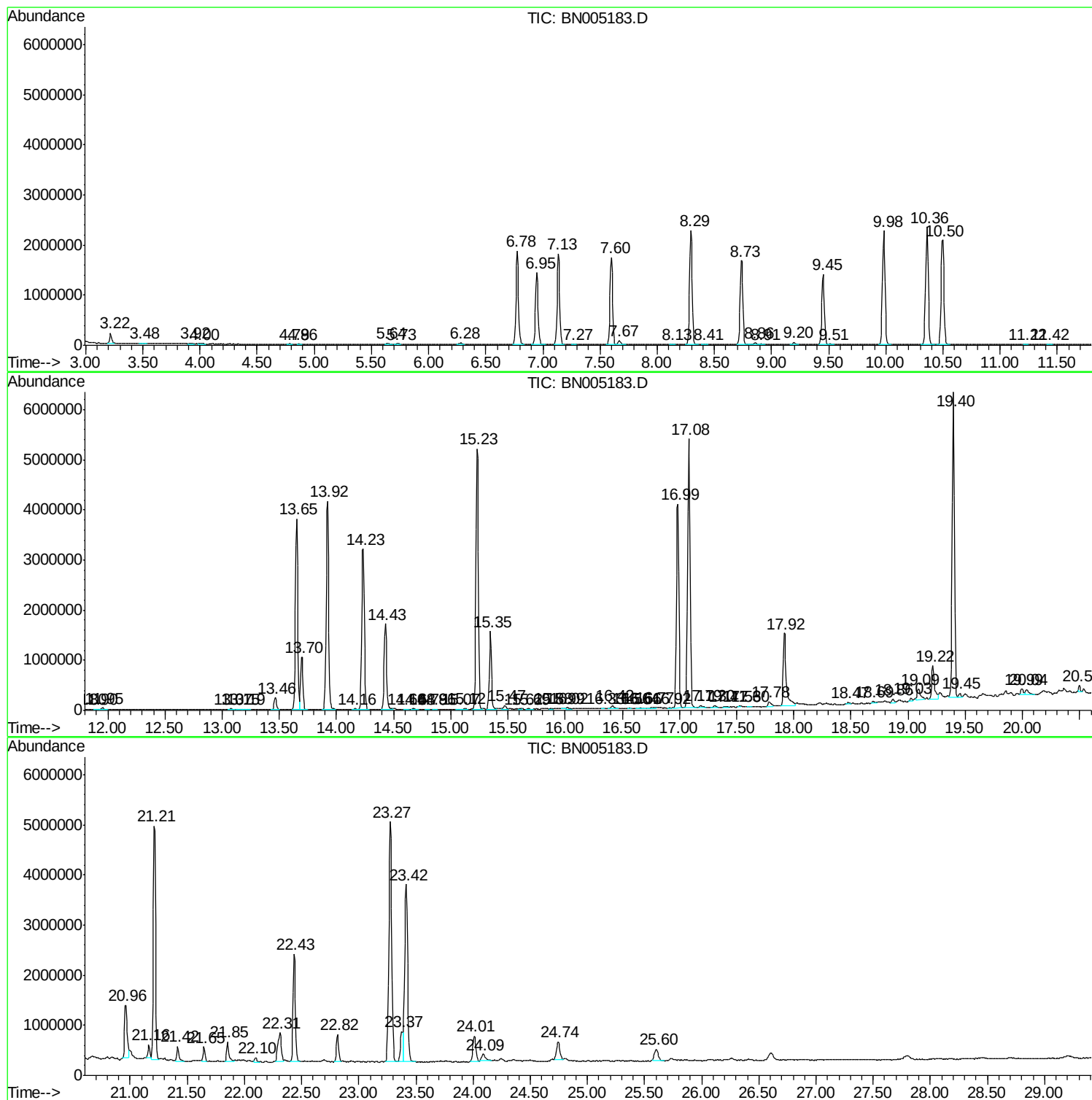
Sum of corrected areas: 122655575

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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



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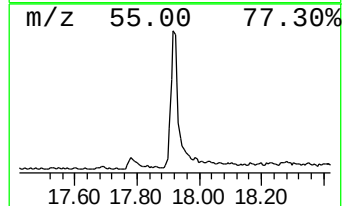
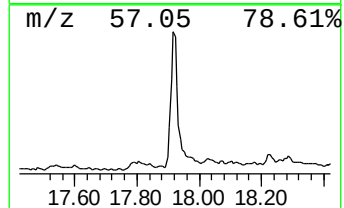
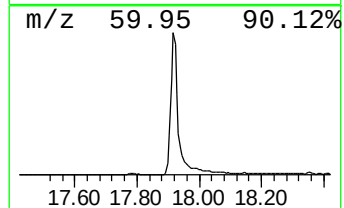
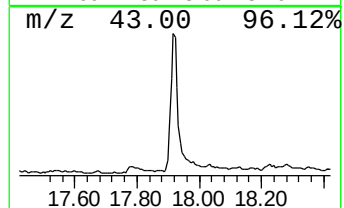
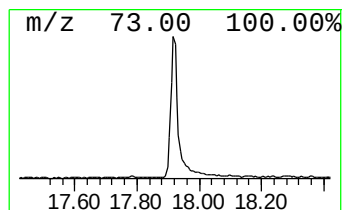
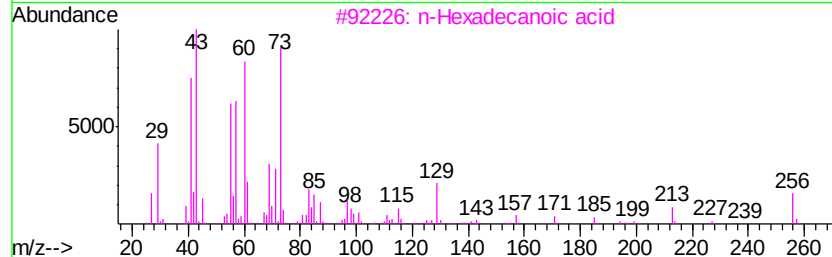
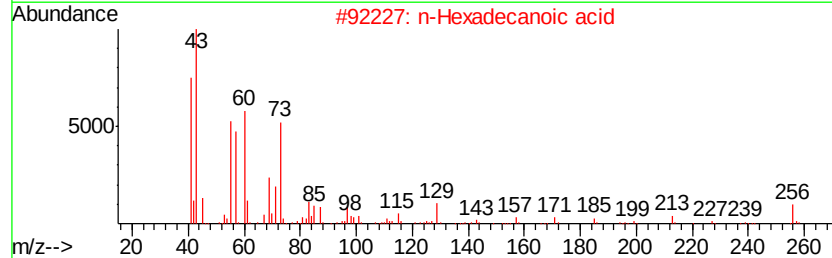
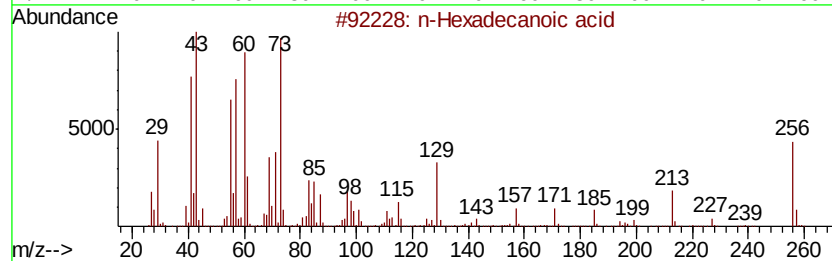
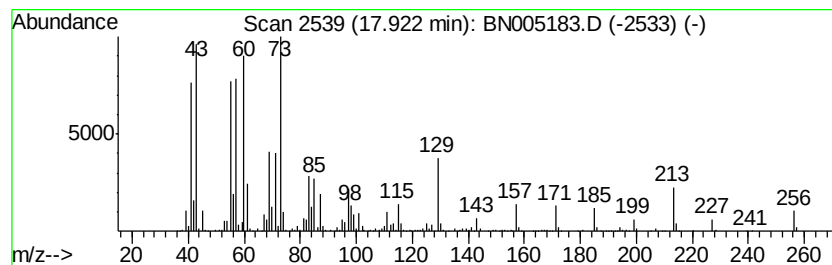
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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.  |
|-----------|---------------------|---------|------------------|-------------|-------|
| 17.92     | 8.82 ng/ul          | 2619750 | Phenanthrene-d10 |             | 16.99 |
| 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 | 93    |
| 4         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 90    |
| 5         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 80    |



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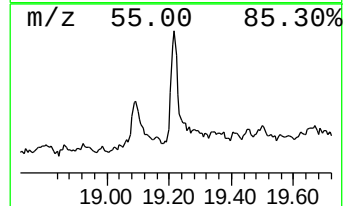
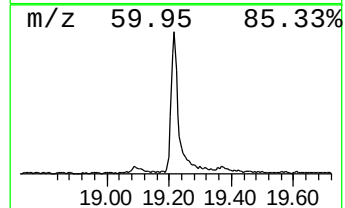
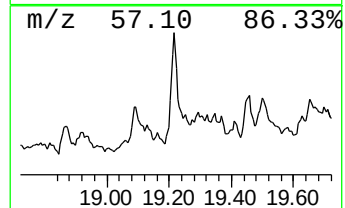
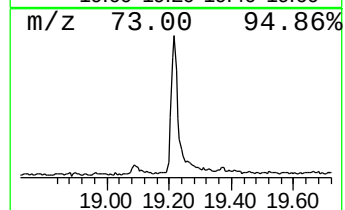
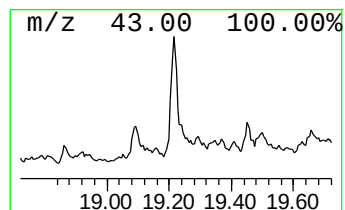
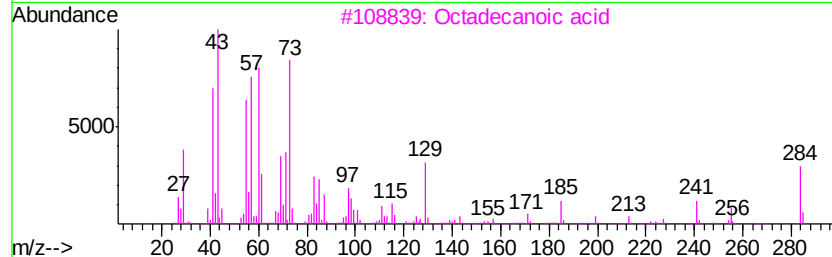
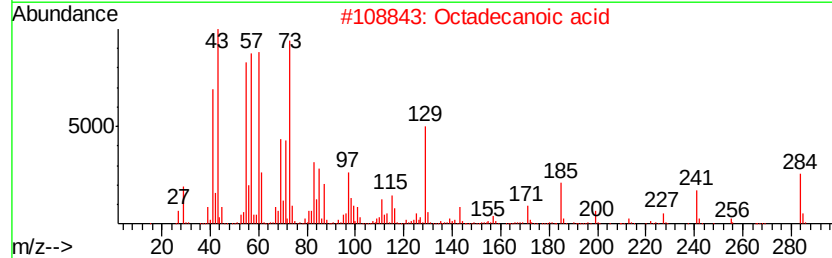
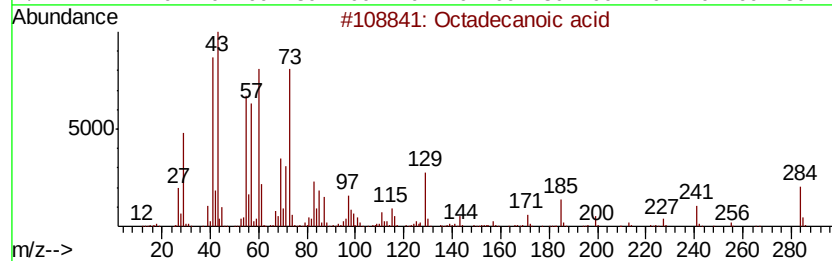
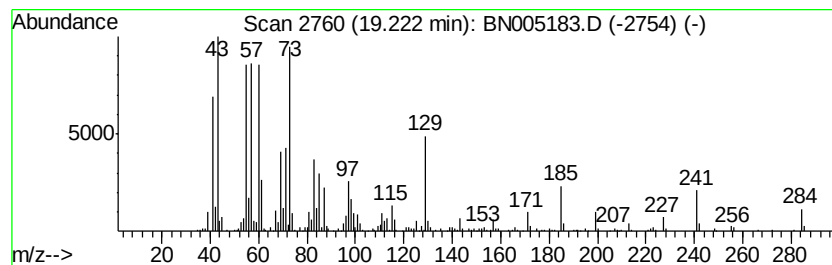
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Octadecanoic acid Concentration Rank 5

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 19.22     | 3.72 ng/ul          | 1140790 | Chrysene-d12     | 21.21       |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 99   |
| 2         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 96   |
| 3         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 94   |
| 4         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 94   |
| 5         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

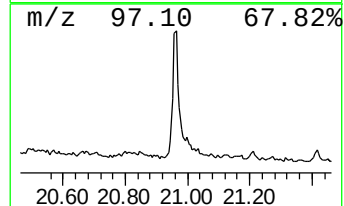
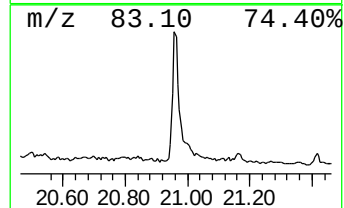
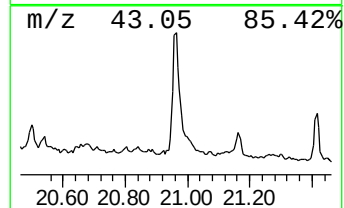
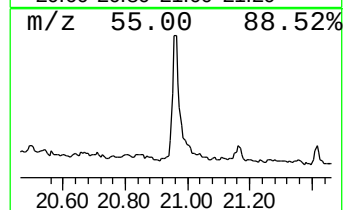
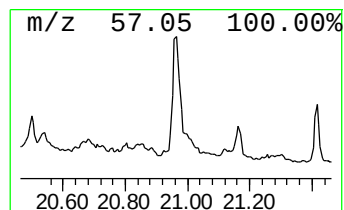
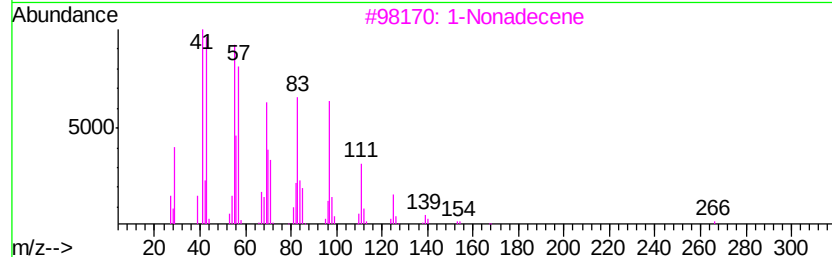
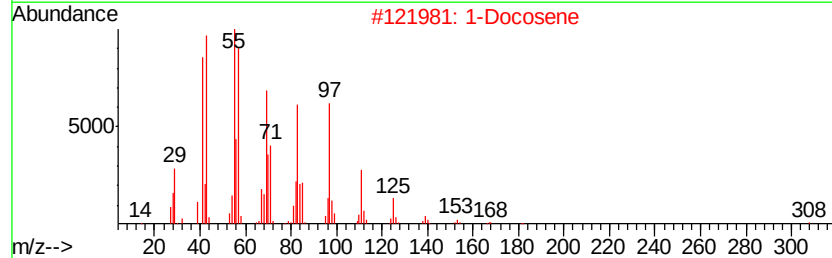
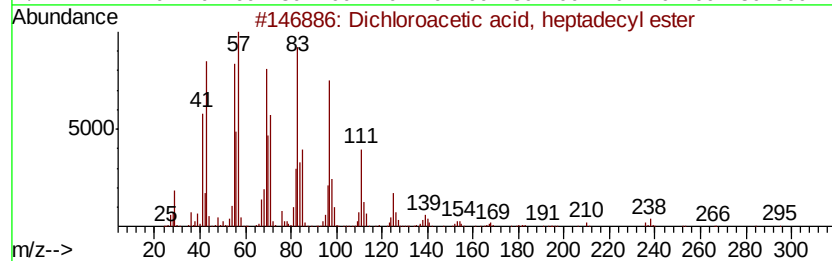
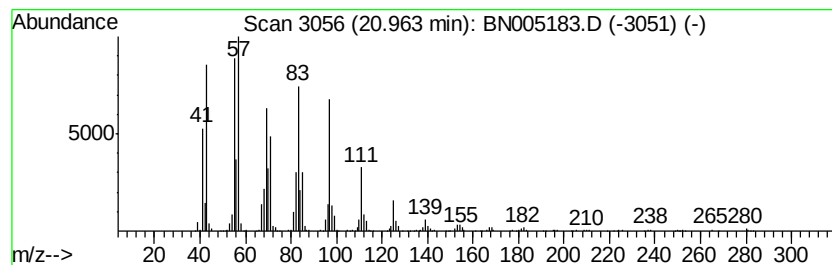
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.96 | 5.34 ng/ul | 1638570 | Chrysene-d12     | 21.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91   |
| 2    |    | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 91   |
| 3    |    | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 91   |
| 4    |    | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6  | 91   |
| 5    |    | 10-Heneicosene (c,t)                | 294 | C21H42      | 095008-11-0  | 91   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

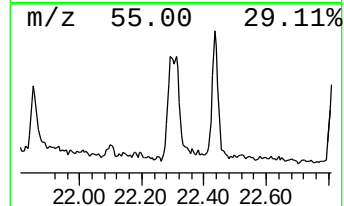
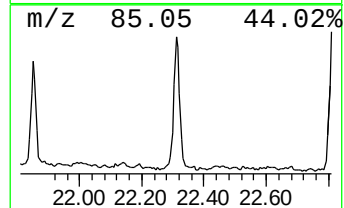
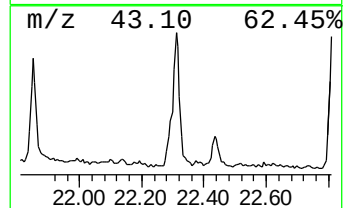
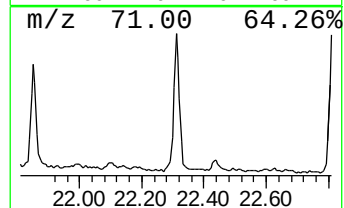
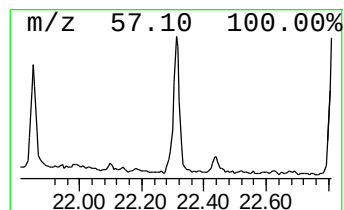
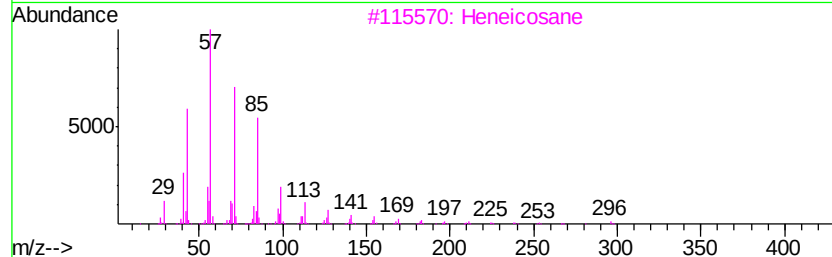
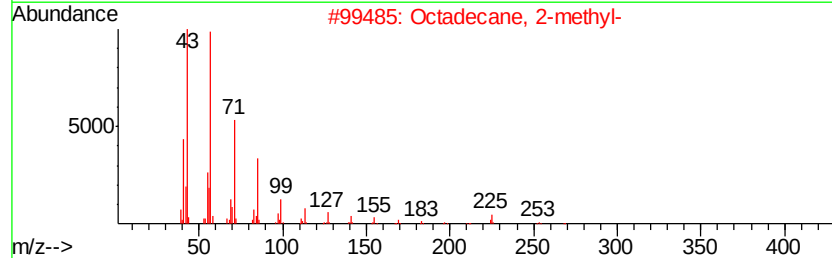
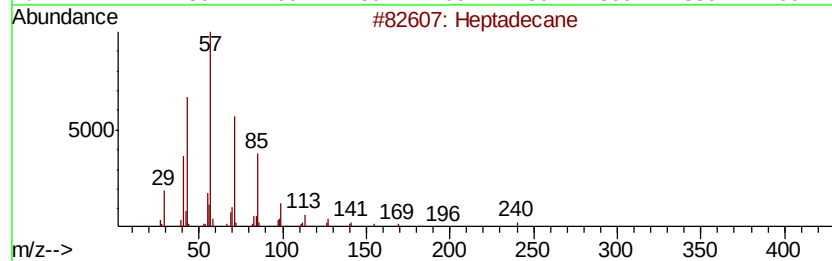
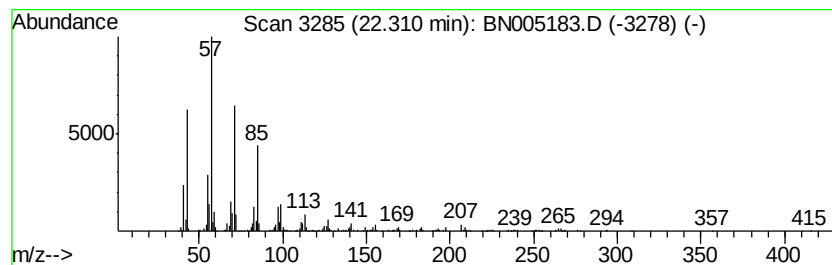
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.31 | 3.87 ng/ul | 1187430 | Chrysene-d12     | 21.21 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane           | 240 | C17H36  | 000629-78-7 | 95   |
| 2    |    | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 91   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 87   |
| 5    |    | Heptacosane           | 380 | C27H56  | 000593-49-7 | 87   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

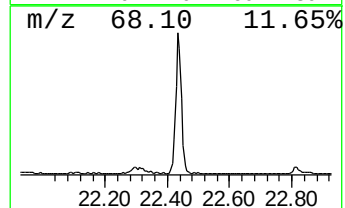
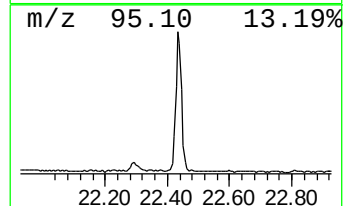
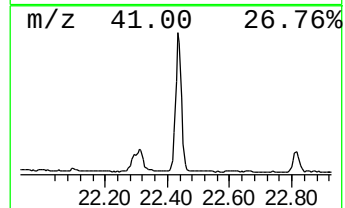
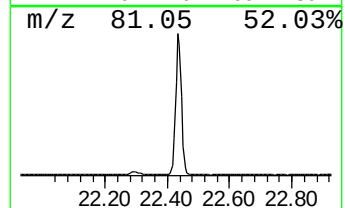
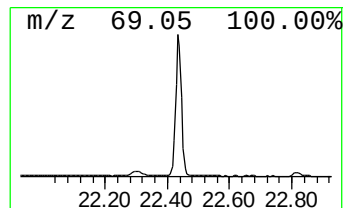
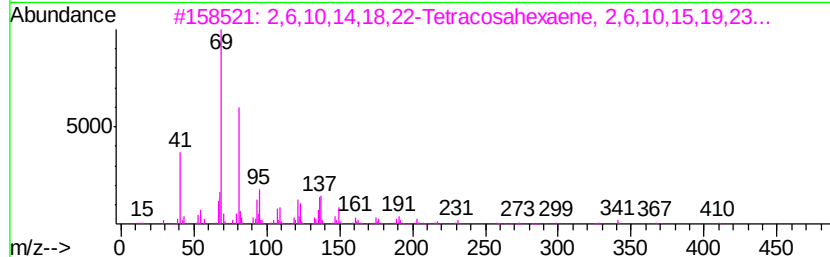
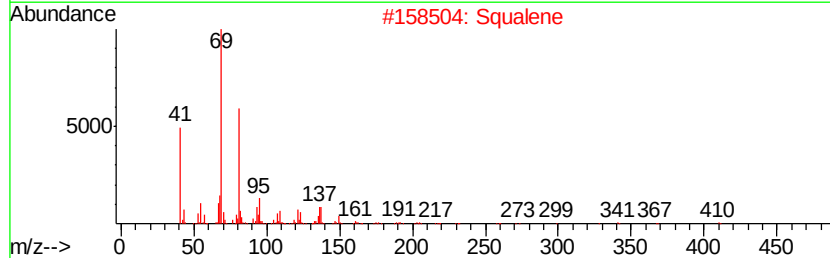
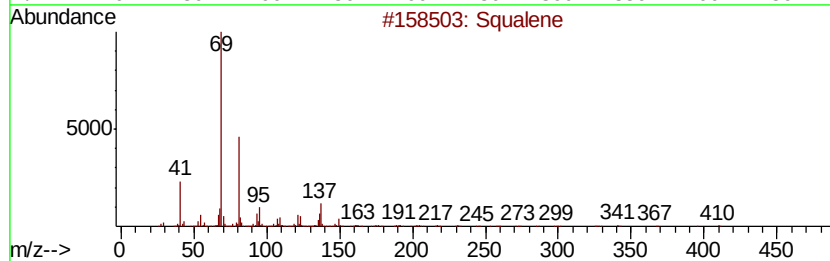
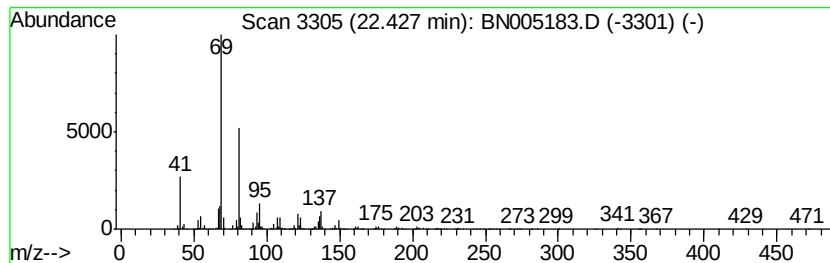
Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Squalene Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD                    | R.T.  |         |              |      |
|-------|------------|---------|-------------------------------------|-------|---------|--------------|------|
| 22.43 | 9.14 ng/ul | 2895760 | Perylene-d12                        | 23.42 |         |              |      |
| Hit#  | of         | 5       | Tentative ID                        | MW    | MolForm | CAS#         | Qual |
| 1     |            |         | Squalene                            | 410   | C30H50  | 007683-64-9  | 91   |
| 2     |            |         | Squalene                            | 410   | C30H50  | 007683-64-9  | 91   |
| 3     |            |         | 2,6,10,14,18,22-Tetracosahexaene... | 410   | C30H50  | 000111-02-4  | 89   |
| 4     |            |         | 2,6,10,14,18,22-Tetracosahexaene... | 410   | C30H50  | 000111-02-4  | 86   |
| 5     |            |         | Docosa-2,6,10,14,18-pentaen-22-a... | 384   | C27H44O | 1000163-04-7 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

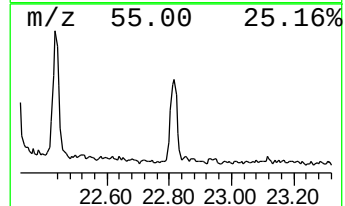
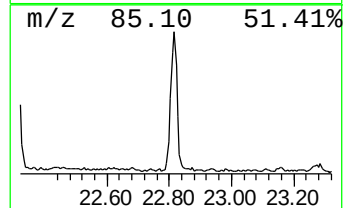
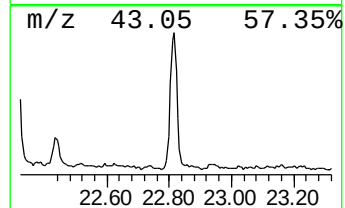
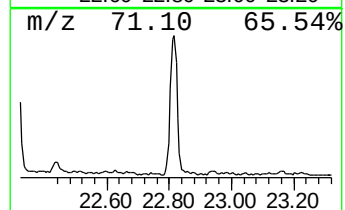
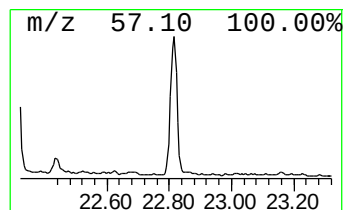
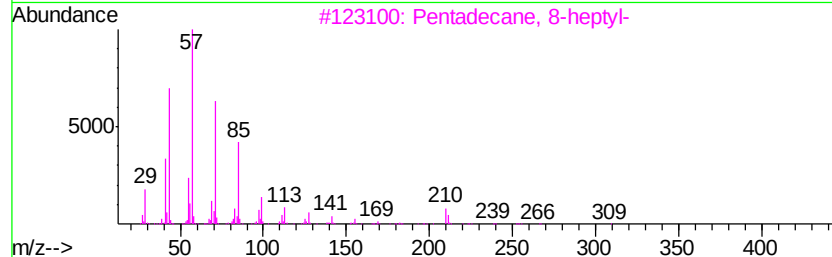
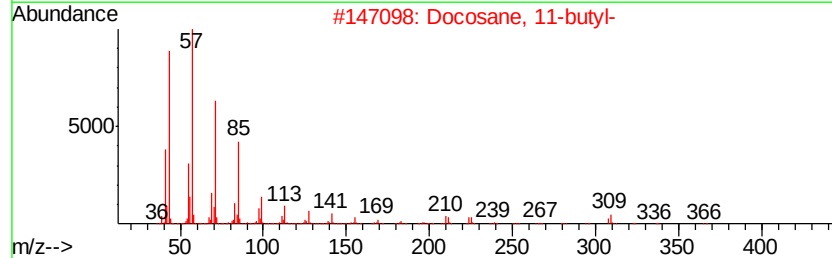
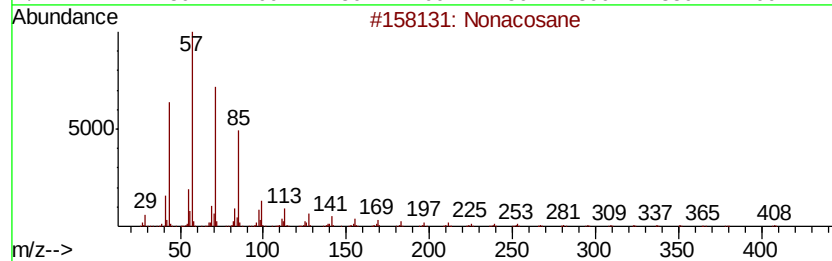
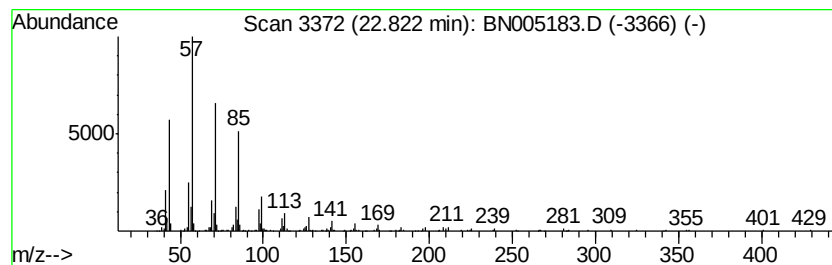
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.82 | 2.50 ng/ul | 792115 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonacosane                       | 408 | C29H60  | 000630-03-5 | 91   |
| 2    |    | Docosane, 11-butyl-              | 366 | C26H54  | 013475-76-8 | 91   |
| 3    |    | Pentadecane, 8-heptyl-           | 310 | C22H46  | 071005-15-7 | 91   |
| 4    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

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Quant Title : SVOA CALIBRATION

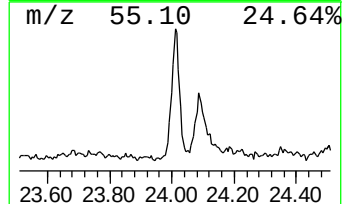
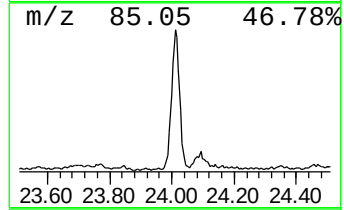
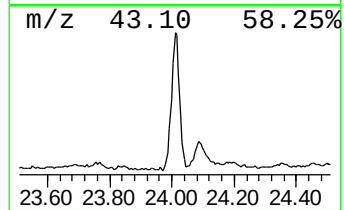
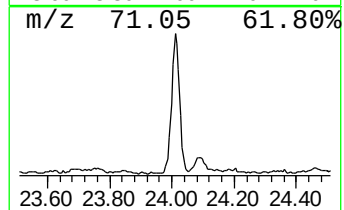
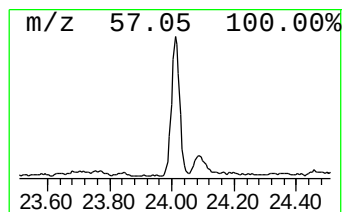
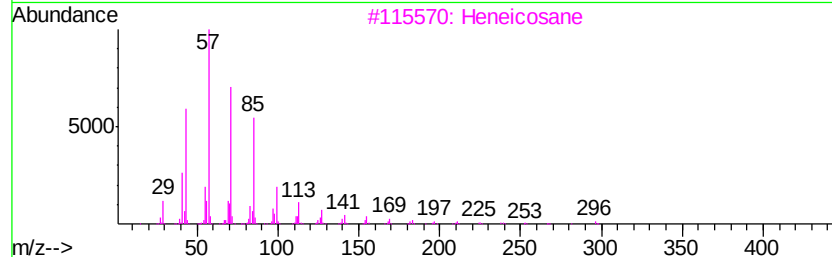
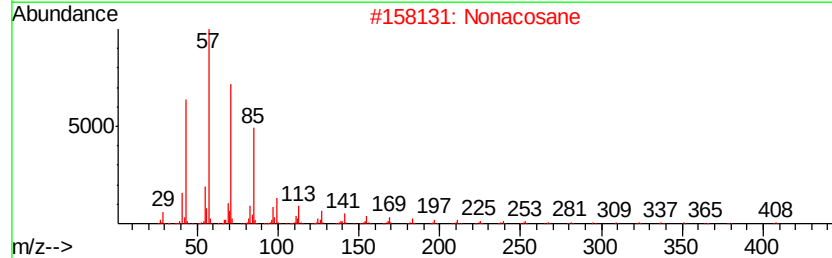
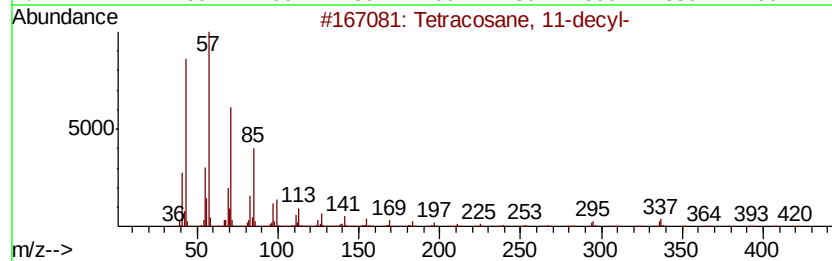
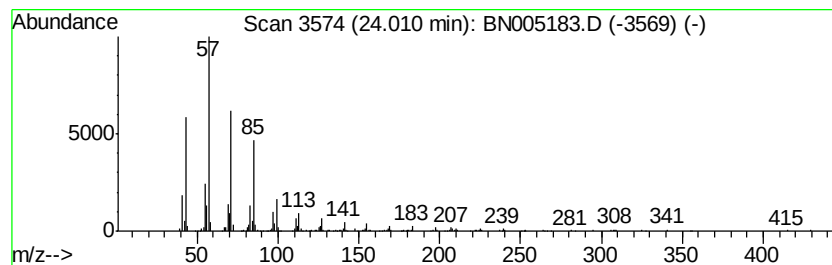
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.01 | 2.84 ng/ul | 901525 | Perylene-d12     | 23.42 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0 | 90   |
| 2    |    |   | Nonacosane             | 408 | C29H60  | 000630-03-5 | 90   |
| 3    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Octacosane             | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    |   | Docosane, 11-butyl-    | 366 | C26H54  | 013475-76-8 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

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Quant Title : SVOA CALIBRATION

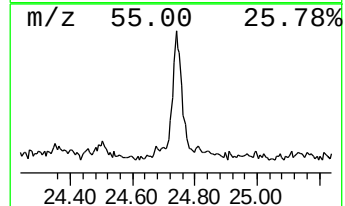
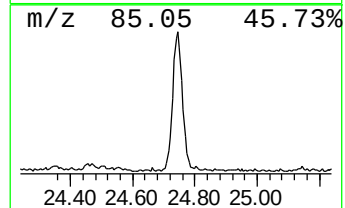
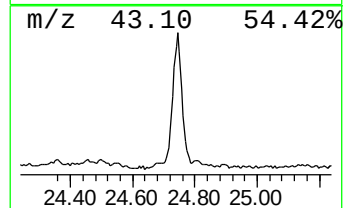
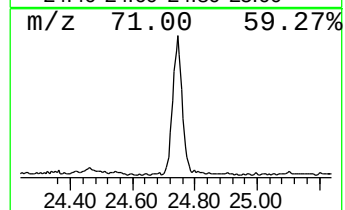
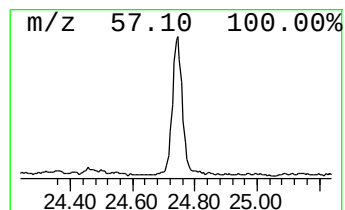
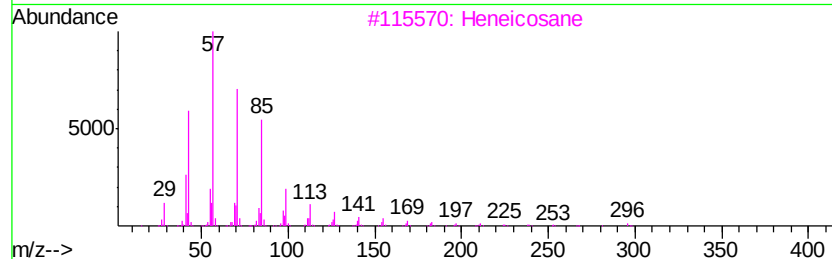
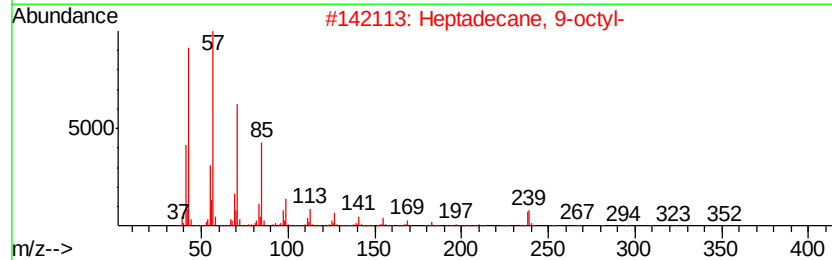
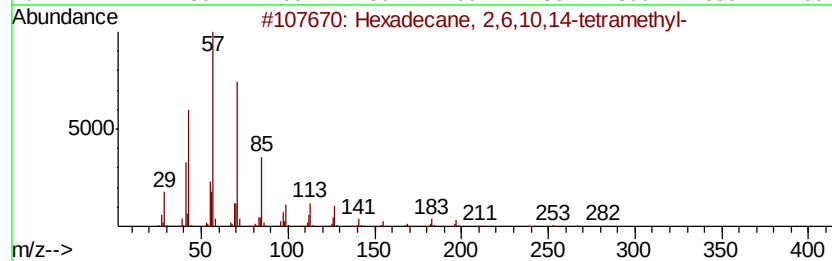
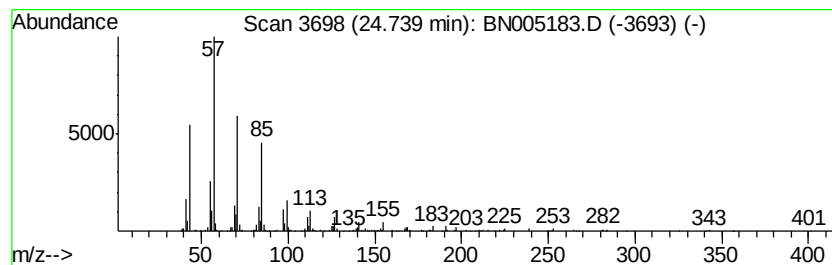
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.74 | 2.27 ng/ul | 720008 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 96   |
| 2    |    | Heptadecane, 9-octyl-              | 352 | C25H52  | 007225-64-1 | 90   |
| 3    |    | Heneicosane                        | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    | Tetratriacontane                   | 479 | C34H70  | 014167-59-0 | 90   |
| 5    |    | Heptacosane                        | 380 | C27H56  | 000593-49-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
Data File : BN005183.D  
Acq On : 22 Apr 2019 20:25  
Operator : JU/SJ  
Sample : K2402-16  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAHJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.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  | 17.92 | 8.8     | ng/ul | 2619750  | 4                     | 16.99 | 5937230 | 20.0 |
| Octadecanoic acid    | 19.22 | 3.7     | ng/ul | 1140790  | 5                     | 21.21 | 6138350 | 20.0 |
| Dichloroacetic ac... | 20.96 | 5.3     | ng/ul | 1638570  | 5                     | 21.21 | 6138350 | 20.0 |
| (DEL) Alkane: Str... | 22.31 | 3.9     | ng/ul | 1187430  | 5                     | 21.21 | 6138350 | 20.0 |
| Squalene             | 22.43 | 9.1     | ng/ul | 2895760  | 6                     | 23.42 | 6339790 | 20.0 |
| (DEL) Alkane: Str... | 22.82 | 2.5     | ng/ul | 792115   | 6                     | 23.42 | 6339790 | 20.0 |
| (DEL) Alkane: Str... | 24.01 | 2.8     | ng/ul | 901525   | 6                     | 23.42 | 6339790 | 20.0 |
| (DEL) Alkane: Str... | 24.74 | 2.3     | ng/ul | 720008   | 6                     | 23.42 | 6339790 | 20.0 |