

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
 Data File : BM021190.D  
 Acq On : 26 Jun 2019 14:03  
 Operator : HP/JU  
 Sample : K3501-11  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C6AB8

## 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-BM061419MA.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         | 3.016       | 3             | 5           | 24           | rVB      | 3961183        | 5099980       | 76.05%          | 5.847%        |
| 2         | 3.899       | 152           | 155         | 160          | rVB      | 33513          | 47524         | 0.71%           | 0.054%        |
| 3         | 4.410       | 238           | 242         | 257          | rVB      | 488910         | 668408        | 9.97%           | 0.766%        |
| 4         | 4.893       | 322           | 324         | 330          | rVB      | 25629          | 37183         | 0.55%           | 0.043%        |
| 5         | 4.999       | 339           | 342         | 350          | rVB2     | 33806          | 46850         | 0.70%           | 0.054%        |
| 6         | 6.757       | 639           | 641         | 650          | rVB6     | 9926           | 22397         | 0.33%           | 0.026%        |
| 7         | 6.869       | 655           | 660         | 665          | rVV      | 317596         | 457342        | 6.82%           | 0.524%        |
| 8         | 6.934       | 665           | 671         | 684          | rVB      | 731416         | 1260011       | 18.79%          | 1.444%        |
| 9         | 7.110       | 695           | 701         | 711          | rVB      | 534773         | 859297        | 12.81%          | 0.985%        |
| 10        | 7.298       | 726           | 733         | 743          | rBV      | 789173         | 1225151       | 18.27%          | 1.404%        |
| 11        | 7.575       | 778           | 780         | 788          | rVB7     | 5258           | 12180         | 0.18%           | 0.014%        |
| 12        | 7.769       | 806           | 813         | 819          | rBV      | 776802         | 1254824       | 18.71%          | 1.439%        |
| 13        | 7.828       | 819           | 823         | 829          | rVB4     | 9252           | 16765         | 0.25%           | 0.019%        |
| 14        | 8.016       | 851           | 855         | 860          | rBV3     | 6695           | 12899         | 0.19%           | 0.015%        |
| 15        | 8.469       | 925           | 932         | 945          | rBV      | 973134         | 1567310       | 23.37%          | 1.797%        |
| 16        | 8.598       | 950           | 954         | 960          | rVB5     | 9582           | 16255         | 0.24%           | 0.019%        |
| 17        | 8.928       | 1003          | 1010        | 1020         | rBV      | 753061         | 1248124       | 18.61%          | 1.431%        |
| 18        | 9.298       | 1067          | 1073        | 1081         | rVB2     | 204474         | 297001        | 4.43%           | 0.340%        |
| 19        | 9.645       | 1125          | 1132        | 1143         | rBV      | 646883         | 1082525       | 16.14%          | 1.241%        |
| 20        | 10.175      | 1213          | 1222        | 1232         | rVV      | 1200704        | 1955006       | 29.15%          | 2.241%        |
| 21        | 10.551      | 1279          | 1286        | 1293         | rBV      | 1180659        | 1948155       | 29.05%          | 2.233%        |
| 22        | 10.698      | 1304          | 1311        | 1329         | rBV      | 834403         | 1574491       | 23.48%          | 1.805%        |
| 23        | 11.304      | 1407          | 1414        | 1417         | rBV3     | 10978          | 17204         | 0.26%           | 0.020%        |
| 24        | 11.786      | 1489          | 1496        | 1504         | rVB      | 154092         | 221864        | 3.31%           | 0.254%        |
| 25        | 12.145      | 1549          | 1557        | 1563         | rVB      | 20508          | 33988         | 0.51%           | 0.039%        |
| 26        | 12.763      | 1654          | 1662        | 1667         | rBV7     | 7308           | 18304         | 0.27%           | 0.021%        |
| 27        | 13.004      | 1698          | 1703        | 1708         | rVB5     | 9653           | 14172         | 0.21%           | 0.016%        |
| 28        | 13.298      | 1747          | 1753        | 1757         | rVB3     | 25195          | 39576         | 0.59%           | 0.045%        |
| 29        | 13.821      | 1832          | 1842        | 1846         | rBV      | 2341426        | 3338843       | 49.79%          | 3.828%        |
| 30        | 13.869      | 1846          | 1850        | 1858         | rVB      | 1436043        | 1960390       | 29.23%          | 2.247%        |
| 31        | 14.051      | 1877          | 1881        | 1883         | rBV5     | 10804          | 13431         | 0.20%           | 0.015%        |
| 32        | 14.098      | 1883          | 1889        | 1902         | rVB      | 2495490        | 3793653       | 56.57%          | 4.349%        |
| 33        | 14.404      | 1929          | 1941        | 1949         | rBV2     | 1873782        | 3019924       | 45.03%          | 3.462%        |
| 34        | 14.469      | 1949          | 1952        | 1958         | rVB      | 12759          | 17777         | 0.27%           | 0.020%        |

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Integrator: RTE  
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 Sampling : 1  
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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-BM061419MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.616 | 1971 | 1977 | 1992 | rBV  | 581707  | 1047715 | 15.62% | 1.201% |
| 36 | 15.198 | 2072 | 2076 | 2079 | rBV  | 13984   | 18923   | 0.28%  | 0.022% |
| 37 | 15.245 | 2079 | 2084 | 2088 | rVB2 | 15677   | 30032   | 0.45%  | 0.034% |
| 38 | 15.357 | 2098 | 2103 | 2105 | rBV  | 92219   | 115028  | 1.72%  | 0.132% |
| 39 | 15.404 | 2105 | 2111 | 2118 | rVB  | 3330235 | 4958737 | 73.94% | 5.685% |
| 40 | 15.527 | 2125 | 2132 | 2142 | rBV  | 807157  | 1134568 | 16.92% | 1.301% |
| 41 | 15.639 | 2146 | 2151 | 2158 | rVB3 | 48841   | 80302   | 1.20%  | 0.092% |
| 42 | 15.751 | 2164 | 2170 | 2173 | rBV7 | 12464   | 23422   | 0.35%  | 0.027% |
| 43 | 15.892 | 2192 | 2194 | 2200 | rVB4 | 12083   | 16057   | 0.24%  | 0.018% |
| 44 | 15.980 | 2207 | 2209 | 2213 | rVV4 | 11459   | 15149   | 0.23%  | 0.017% |
| 45 | 16.121 | 2228 | 2233 | 2240 | rBV8 | 20530   | 56816   | 0.85%  | 0.065% |
| 46 | 16.180 | 2241 | 2243 | 2247 | rVB4 | 10490   | 12916   | 0.19%  | 0.015% |
| 47 | 16.298 | 2260 | 2263 | 2267 | rVB6 | 14572   | 18910   | 0.28%  | 0.022% |
| 48 | 16.415 | 2277 | 2283 | 2287 | rBV  | 18577   | 33418   | 0.50%  | 0.038% |
| 49 | 16.457 | 2287 | 2290 | 2296 | rVV7 | 7749    | 13191   | 0.20%  | 0.015% |
| 50 | 16.521 | 2296 | 2301 | 2303 | rVV5 | 10730   | 15438   | 0.23%  | 0.018% |
| 51 | 16.551 | 2303 | 2306 | 2309 | rVV5 | 14032   | 19838   | 0.30%  | 0.023% |
| 52 | 16.604 | 2311 | 2315 | 2320 | rVB  | 85672   | 108671  | 1.62%  | 0.125% |
| 53 | 16.904 | 2360 | 2366 | 2370 | rBV6 | 20796   | 35503   | 0.53%  | 0.041% |
| 54 | 16.945 | 2370 | 2373 | 2376 | rVV4 | 8278    | 12140   | 0.18%  | 0.014% |
| 55 | 17.045 | 2386 | 2390 | 2398 | rBV7 | 35047   | 63013   | 0.94%  | 0.072% |
| 56 | 17.110 | 2398 | 2401 | 2403 | rBV4 | 23023   | 30106   | 0.45%  | 0.035% |
| 57 | 17.157 | 2403 | 2409 | 2413 | rVV  | 2667402 | 3831428 | 57.13% | 4.392% |
| 58 | 17.198 | 2413 | 2416 | 2420 | rVV  | 293416  | 398935  | 5.95%  | 0.457% |
| 59 | 17.257 | 2420 | 2426 | 2435 | rVB  | 3792666 | 5473678 | 81.62% | 6.275% |
| 60 | 17.439 | 2455 | 2457 | 2465 | rVB9 | 12873   | 25925   | 0.39%  | 0.030% |
| 61 | 17.562 | 2476 | 2478 | 2481 | rVV  | 11108   | 12925   | 0.19%  | 0.015% |
| 62 | 17.645 | 2488 | 2492 | 2493 | rBV4 | 11342   | 13733   | 0.20%  | 0.016% |
| 63 | 17.674 | 2493 | 2497 | 2503 | rVB  | 85629   | 111005  | 1.66%  | 0.127% |
| 64 | 17.821 | 2518 | 2522 | 2526 | rBV3 | 22763   | 30024   | 0.45%  | 0.034% |
| 65 | 17.927 | 2534 | 2540 | 2546 | rBV5 | 47936   | 87266   | 1.30%  | 0.100% |
| 66 | 17.986 | 2546 | 2550 | 2553 | rBV2 | 50518   | 72094   | 1.07%  | 0.083% |
| 67 | 18.045 | 2554 | 2560 | 2570 | rBV2 | 822674  | 1344307 | 20.05% | 1.541% |
| 68 | 18.121 | 2570 | 2573 | 2576 | rVB  | 46240   | 62560   | 0.93%  | 0.072% |
| 69 | 18.221 | 2585 | 2590 | 2594 | rBV2 | 72050   | 116131  | 1.73%  | 0.133% |
| 70 | 18.262 | 2595 | 2597 | 2600 | rVB2 | 24429   | 22388   | 0.33%  | 0.026% |
| 71 | 18.333 | 2607 | 2609 | 2616 | rVB4 | 30466   | 40293   | 0.60%  | 0.046% |

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## Integration Parameters: LSCINT.P

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Sampling : 1  
Start Thrs: 0.2  
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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-BM061419MA.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 18.533 | 2640 | 2643 | 2647 | rVB  | 39664   | 52779   | 0.79%   | 0.061% |
| 73  | 18.580 | 2647 | 2651 | 2654 | rBV3 | 44981   | 69048   | 1.03%   | 0.079% |
| 74  | 18.621 | 2654 | 2658 | 2661 | rVB  | 81609   | 99163   | 1.48%   | 0.114% |
| 75  | 18.821 | 2690 | 2692 | 2698 | rBV4 | 13059   | 23485   | 0.35%   | 0.027% |
| 76  | 18.968 | 2715 | 2717 | 2720 | rBV  | 32422   | 31589   | 0.47%   | 0.036% |
| 77  | 19.068 | 2731 | 2734 | 2746 | rVB6 | 41890   | 118104  | 1.76%   | 0.135% |
| 78  | 19.209 | 2754 | 2758 | 2765 | rVB  | 875794  | 1258220 | 18.76%  | 1.442% |
| 79  | 19.327 | 2773 | 2778 | 2781 | rBV2 | 221648  | 325156  | 4.85%   | 0.373% |
| 80  | 19.421 | 2790 | 2794 | 2803 | rVB3 | 102969  | 170155  | 2.54%   | 0.195% |
| 81  | 19.551 | 2810 | 2816 | 2820 | rBV  | 4689387 | 6706435 | 100.00% | 7.688% |
| 82  | 19.903 | 2871 | 2876 | 2882 | rBV3 | 56094   | 143246  | 2.14%   | 0.164% |
| 83  | 20.074 | 2900 | 2905 | 2910 | rBV2 | 125743  | 236832  | 3.53%   | 0.271% |
| 84  | 20.115 | 2910 | 2912 | 2917 | rVB  | 103319  | 111562  | 1.66%   | 0.128% |
| 85  | 20.174 | 2919 | 2922 | 2925 | rBV3 | 60837   | 71394   | 1.06%   | 0.082% |
| 86  | 20.450 | 2967 | 2969 | 2970 | rBV  | 56360   | 42433   | 0.63%   | 0.049% |
| 87  | 20.580 | 2988 | 2991 | 2996 | rVB  | 128900  | 144219  | 2.15%   | 0.165% |
| 88  | 20.745 | 3016 | 3019 | 3023 | rVB  | 104470  | 119503  | 1.78%   | 0.137% |
| 89  | 21.045 | 3066 | 3070 | 3079 | rVB2 | 1077777 | 1463900 | 21.83%  | 1.678% |
| 90  | 21.339 | 3114 | 3120 | 3124 | rBV  | 2956188 | 4309967 | 64.27%  | 4.941% |
| 91  | 21.374 | 3124 | 3126 | 3133 | rVB  | 472743  | 557440  | 8.31%   | 0.639% |
| 92  | 21.486 | 3142 | 3145 | 3153 | rVB3 | 234967  | 306889  | 4.58%   | 0.352% |
| 93  | 21.921 | 3216 | 3219 | 3222 | rBV  | 490998  | 532622  | 7.94%   | 0.611% |
| 94  | 22.392 | 3295 | 3299 | 3303 | rBV  | 443489  | 589664  | 8.79%   | 0.676% |
| 95  | 22.627 | 3335 | 3339 | 3345 | rBV  | 865304  | 1140347 | 17.00%  | 1.307% |
| 96  | 22.903 | 3382 | 3386 | 3390 | rBV  | 1074437 | 1770475 | 26.40%  | 2.030% |
| 97  | 22.956 | 3390 | 3395 | 3407 | rVB2 | 2615493 | 4992217 | 74.44%  | 5.723% |
| 98  | 23.468 | 3476 | 3482 | 3488 | rBV  | 2700742 | 4832868 | 72.06%  | 5.540% |
| 99  | 23.615 | 3501 | 3507 | 3514 | rVB2 | 1528591 | 2827788 | 42.17%  | 3.242% |
| 100 | 24.133 | 3590 | 3595 | 3605 | rVB  | 784894  | 1482142 | 22.10%  | 1.699% |

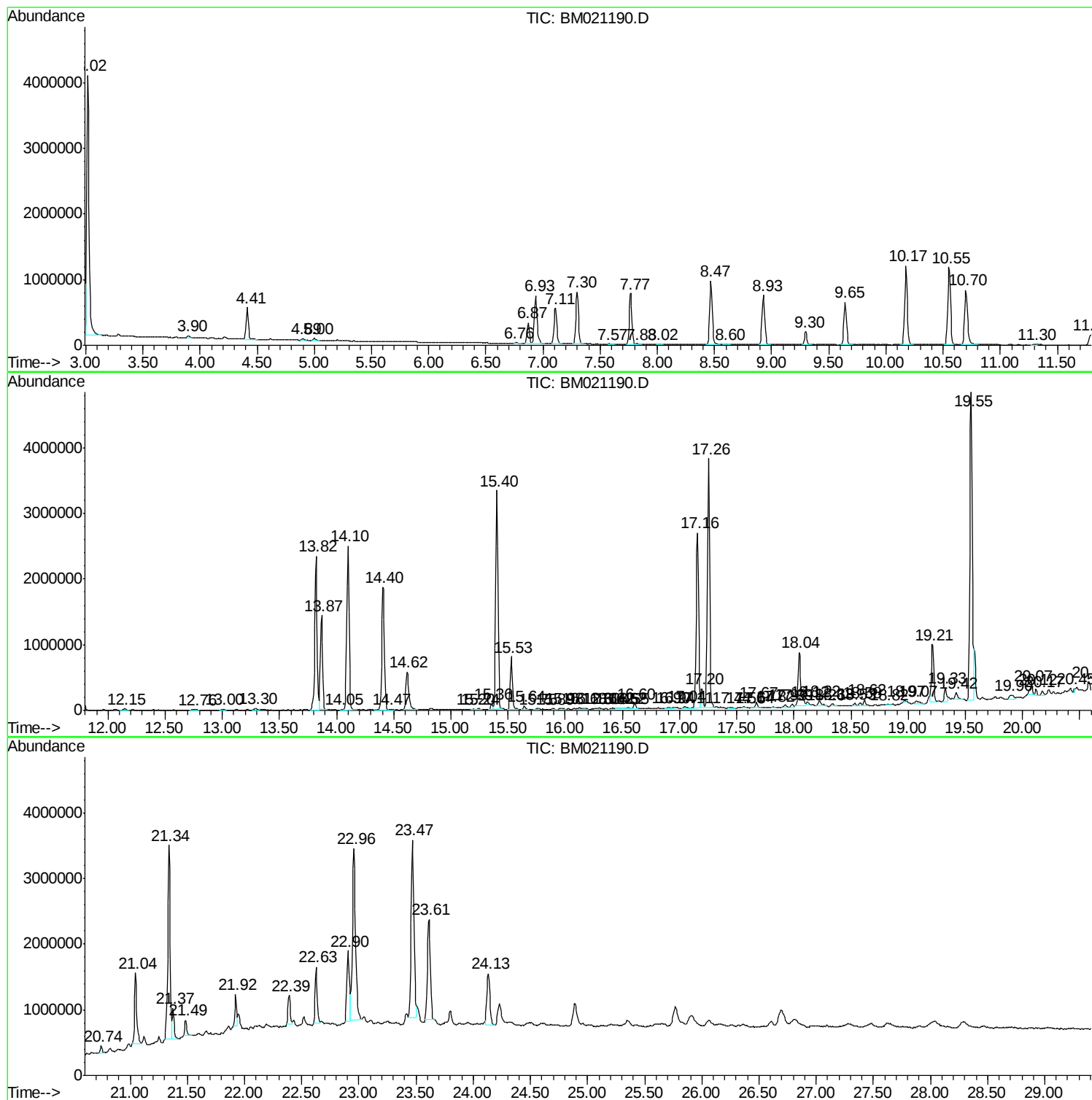
Sum of corrected areas: 87231031

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.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-BM061419MA.M  
Quant Title : SVOA CALIBRATION

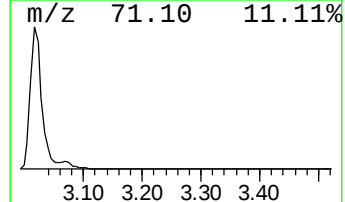
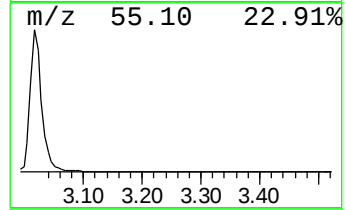
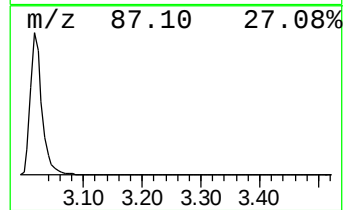
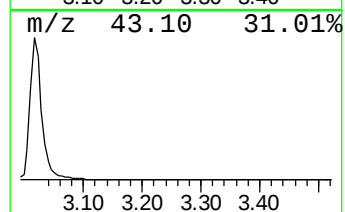
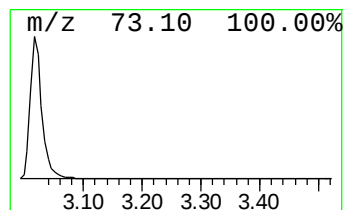
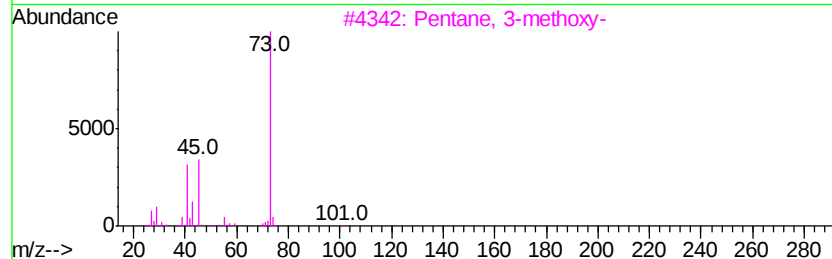
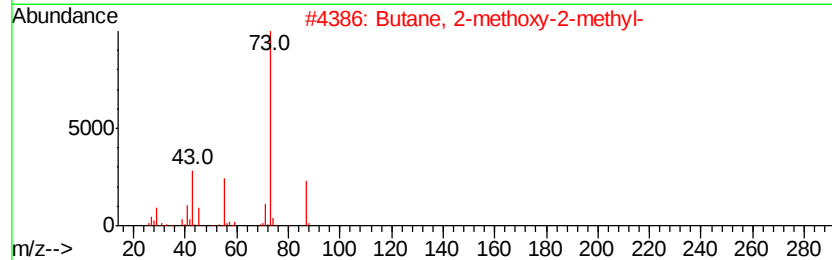
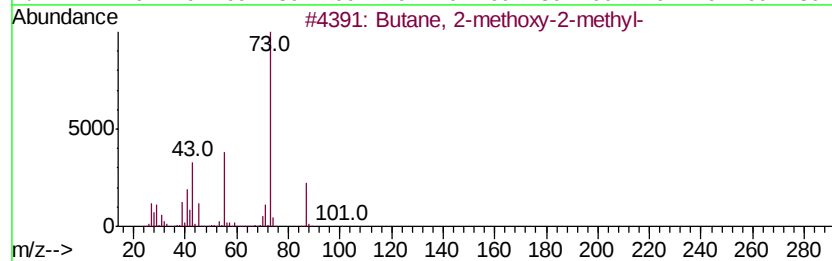
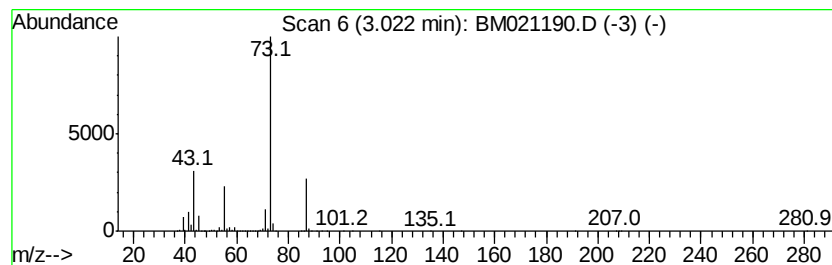
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.02 | 81.29 ng/ul | 5099980 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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Quant Title : SVOA CALIBRATION

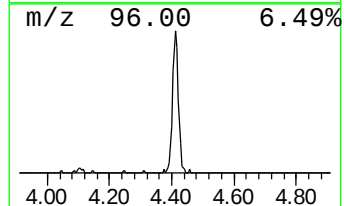
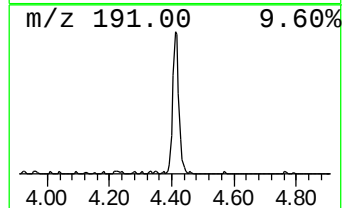
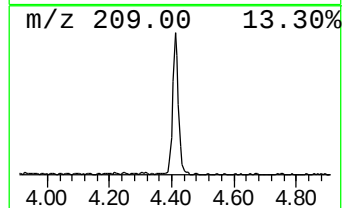
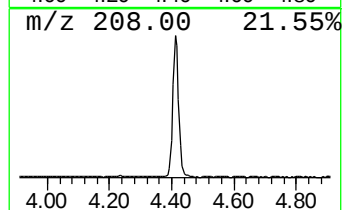
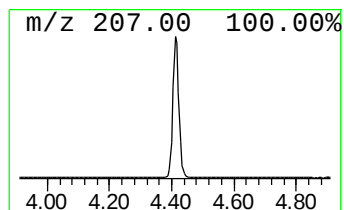
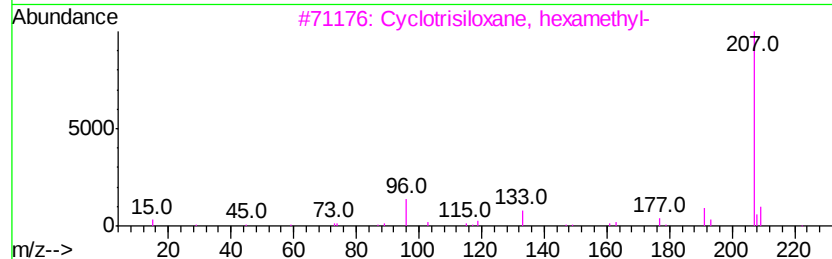
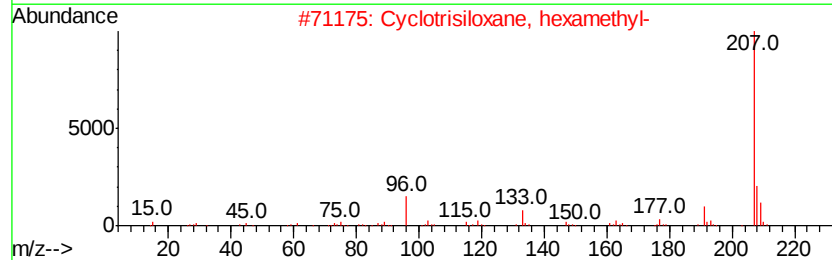
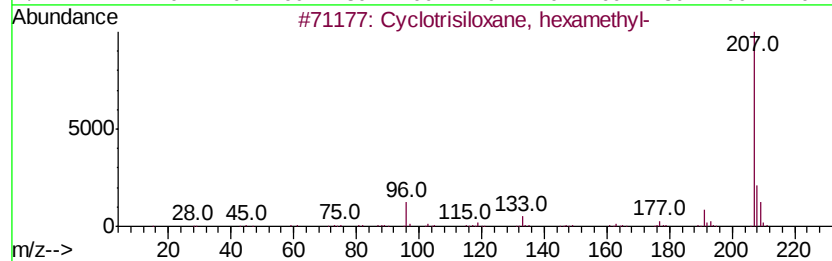
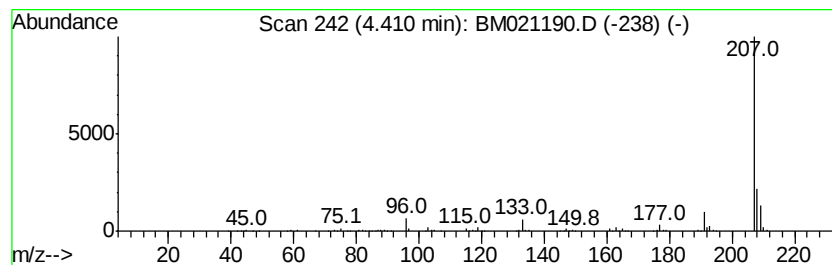
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 4.41 | 10.65 ng/ul | 668408 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# | of | Tentative ID                  | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 91   |
| 2    |    | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 90   |
| 3    |    | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 64   |
| 4    |    | 5-Methyl-2-phenylindolizine   | 207 | C15H13N    | 036944-99-7 | 39   |
| 5    |    | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N    | 003558-24-5 | 39   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

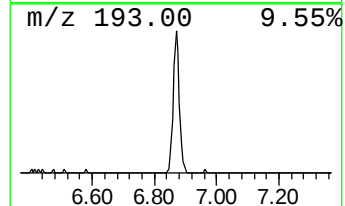
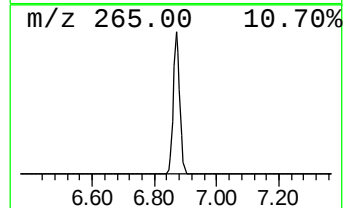
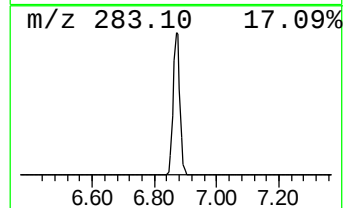
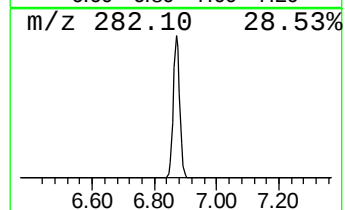
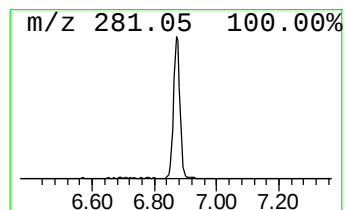
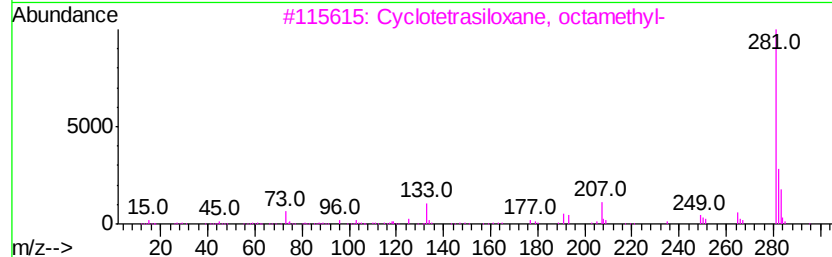
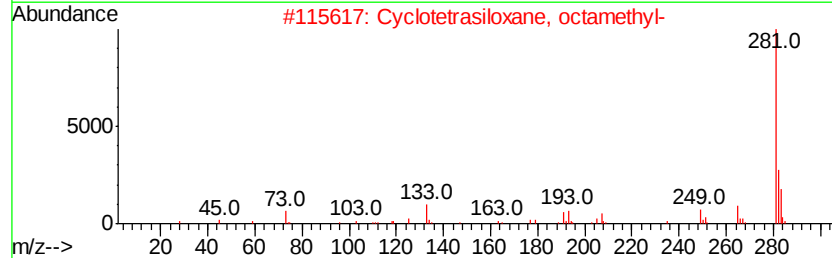
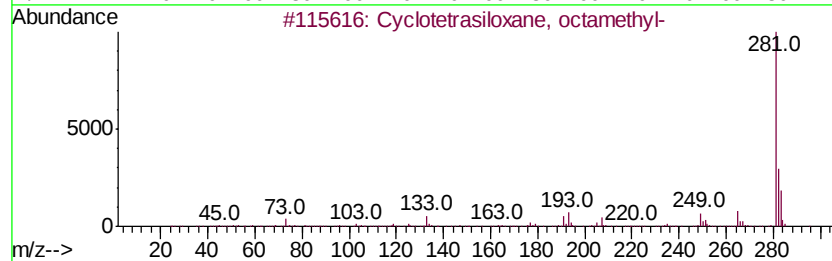
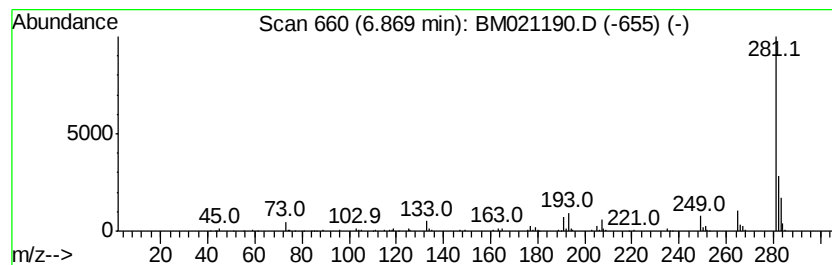
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.87 | 7.29 ng/ul | 457342 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-------------|--------------|------|
| 1       |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 91   |
| 2       |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 91   |
| 3       |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 90   |
| 4       |   | Benzoic acid, 3-methyl-2-trimeth... | 296 | C14H24O3Si2 | 1000153-57-1 | 59   |
| 5       |   | 7H-Dibenzo[b,g]carbazole, 7-methyl- | 281 | C21H15N     | 003557-49-1  | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

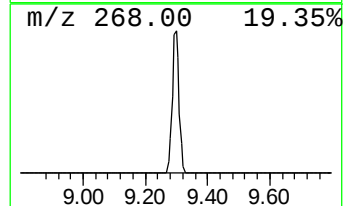
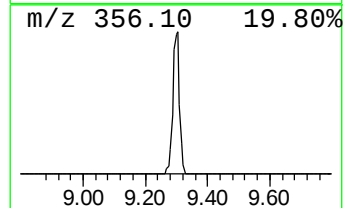
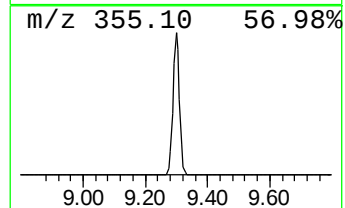
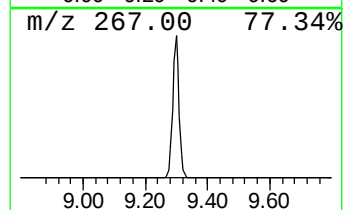
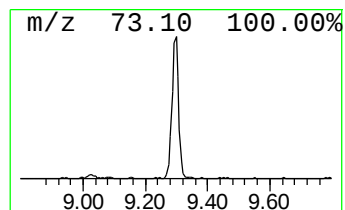
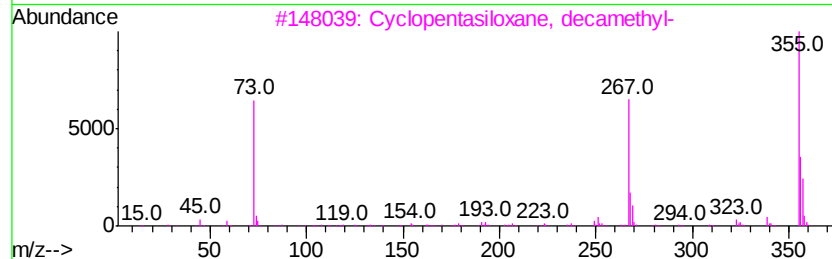
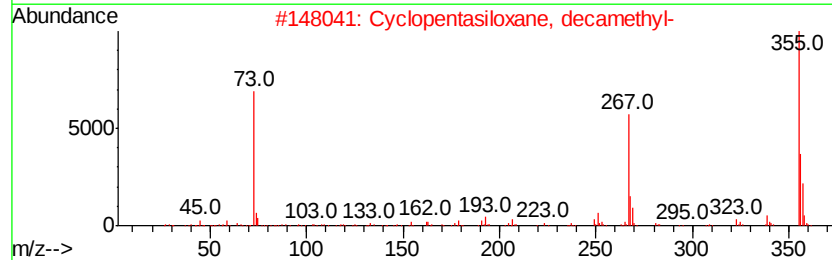
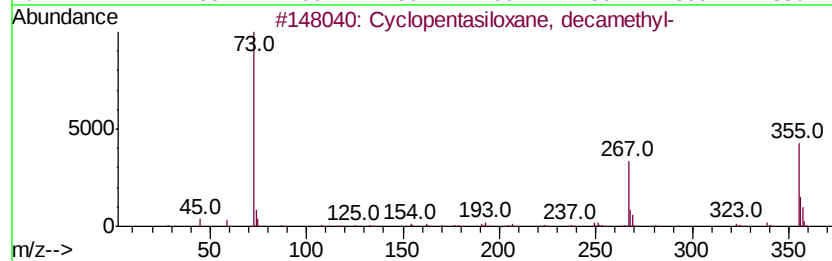
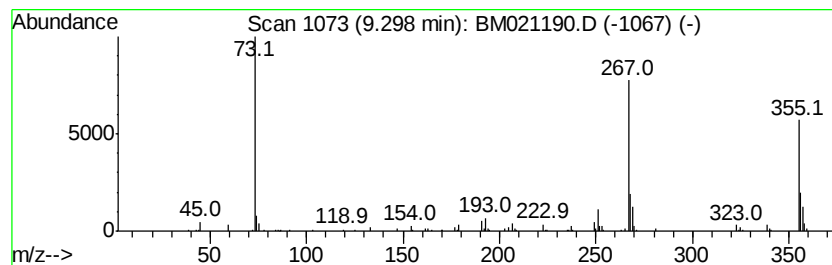
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.30 | 3.05 ng/ul | 297001 | Naphthalene-d8   | 10.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Cyclopentasiloxane, decamethyl-     | 370 | C10H30O5Si5  | 000541-02-6  | 91   |
| 2    |    | Cyclopentasiloxane, decamethyl-     | 370 | C10H30O5Si5  | 000541-02-6  | 91   |
| 3    |    | Cyclopentasiloxane, decamethyl-     | 370 | C10H30O5Si5  | 000541-02-6  | 91   |
| 4    |    | Silanamine, 1,1,1-trimethyl-N-[2... | 369 | C17H35N02Si3 | 068595-60-8  | 47   |
| 5    |    | 3-Hydroxymandelic acid, ethyl es... | 340 | C16H28O4Si2  | 1000071-88-9 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

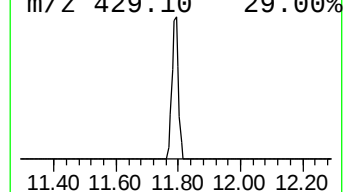
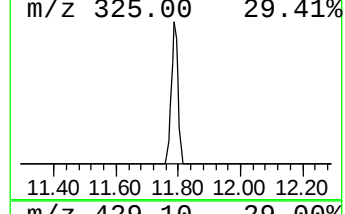
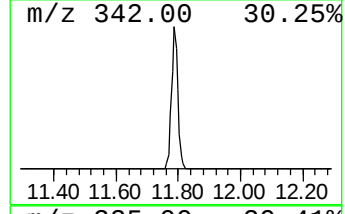
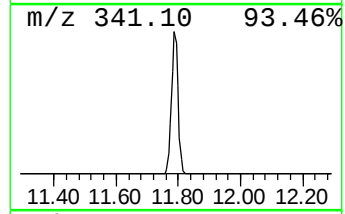
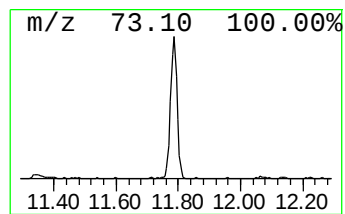
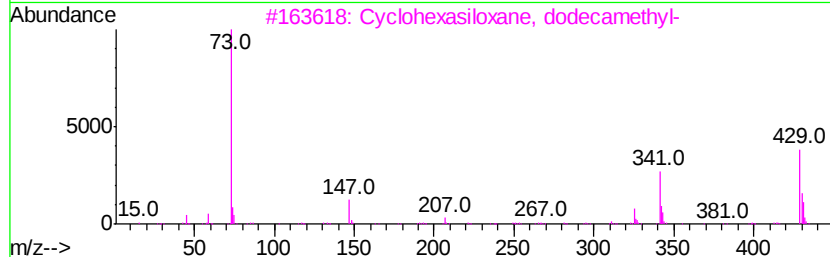
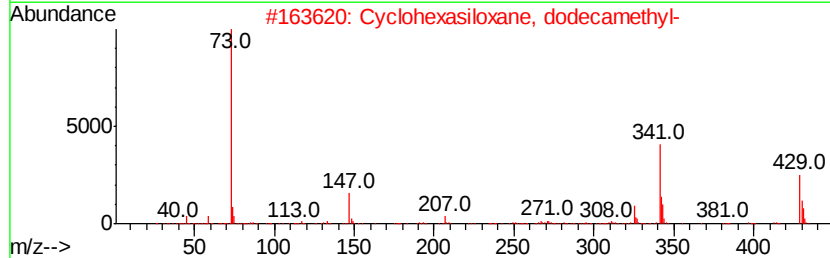
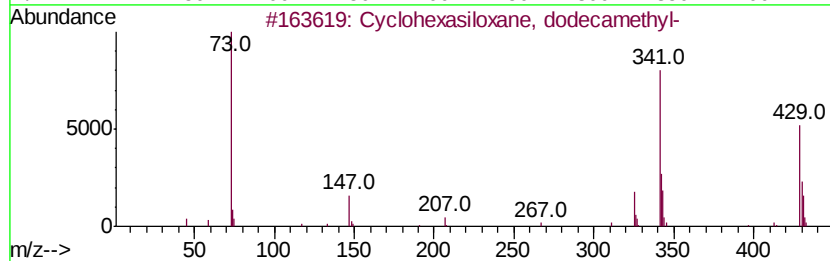
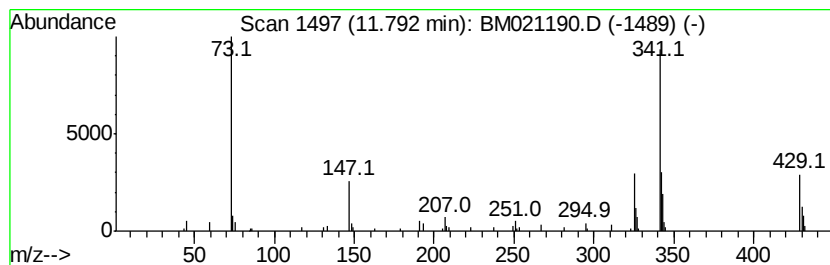
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Cyclohexasiloxane, dodecane... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.79 | 2.28 ng/ul | 221864 | Naphthalene-d8   | 10.55 |

| Hit# | of | Tentative ID                         | MW  | MolForm      | CAS#        | Qual |
|------|----|--------------------------------------|-----|--------------|-------------|------|
| 1    | 5  | Cyclohexasiloxane, dodecamethyl-     | 444 | C12H36O6Si6  | 000540-97-6 | 90   |
| 2    |    | Cyclohexasiloxane, dodecamethyl-     | 444 | C12H36O6Si6  | 000540-97-6 | 87   |
| 3    |    | Cyclohexasiloxane, dodecamethyl-     | 444 | C12H36O6Si6  | 000540-97-6 | 72   |
| 4    |    | Acetic acid, [bis[(trimethylsilyl... | 356 | C11H29O5PSi3 | 053044-27-2 | 40   |
| 5    |    | 1,3,5,7,9-Pentaethylcyclopentasi...  | 370 | C10H30O5Si5  | 017995-44-7 | 27   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

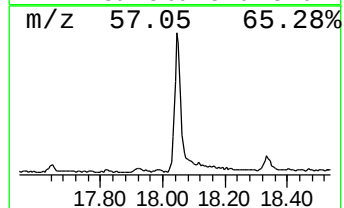
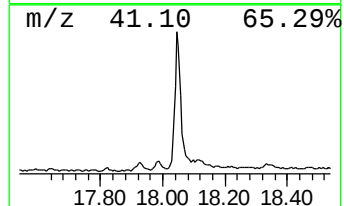
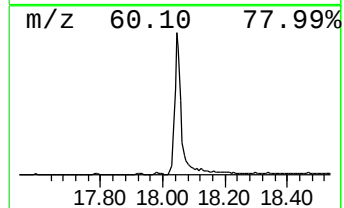
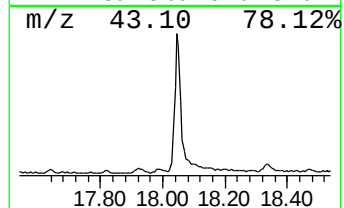
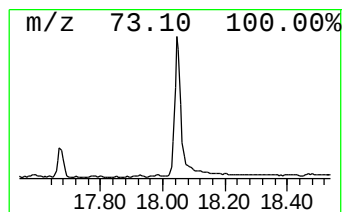
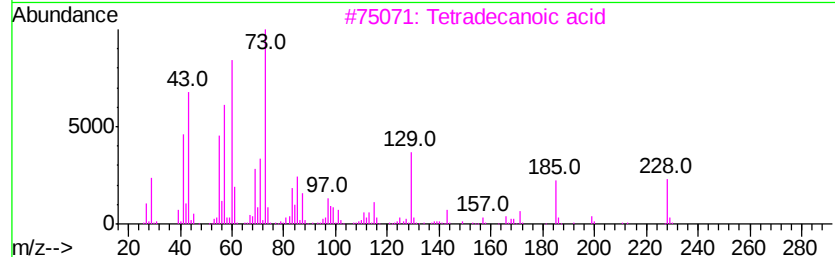
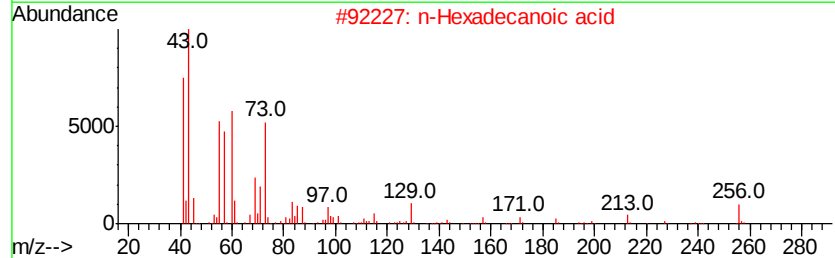
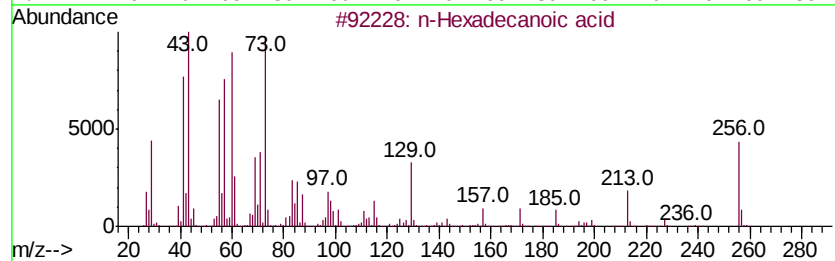
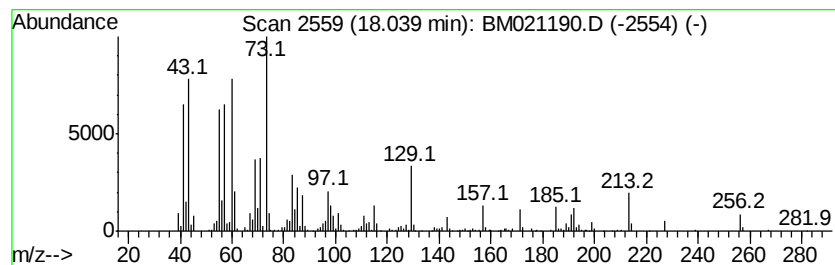
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 18.04 | 7.02 ng/ul | 1344310 | Phenanthrene-d10 | 17.16 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 5    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

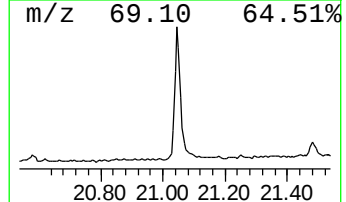
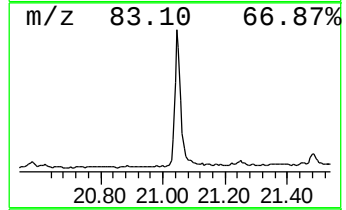
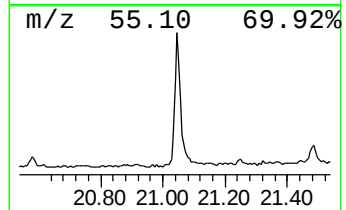
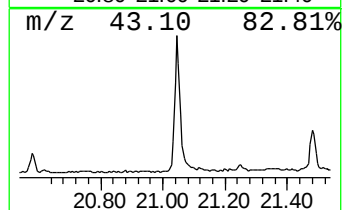
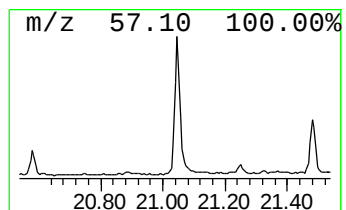
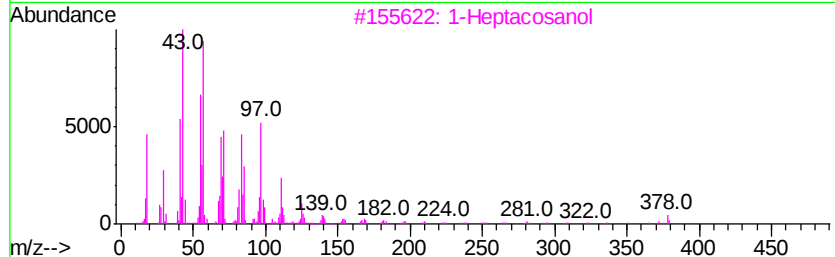
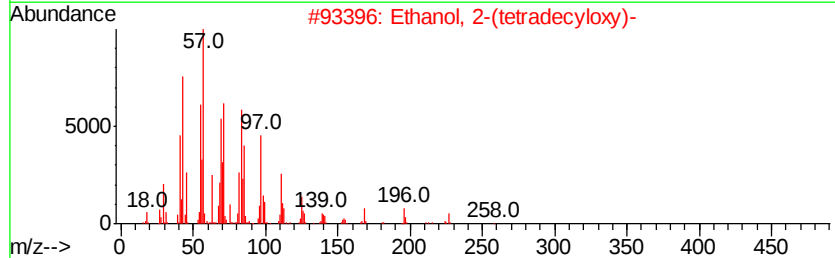
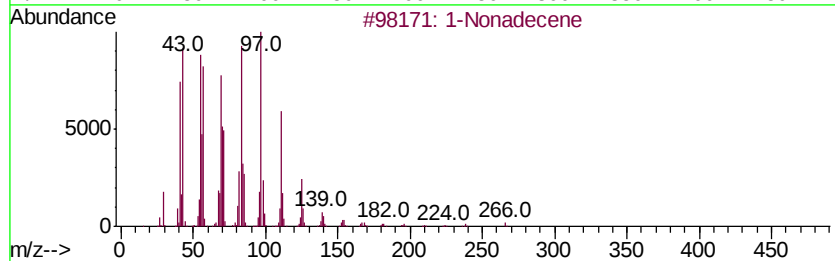
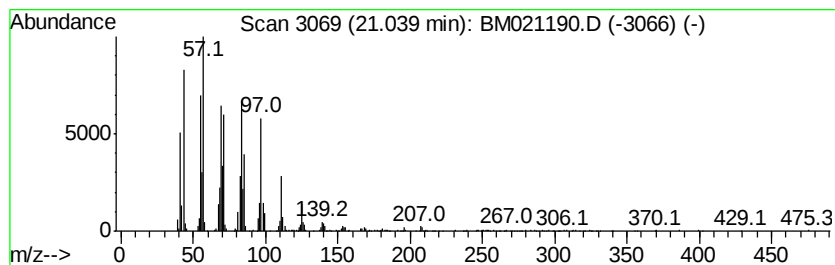
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic21.04 Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.04 | 6.79 ng/ul | 1463900 | Chrysene-d12     | 21.34 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Nonadecene                         | 266 | C19H38     | 018435-45-5  | 97   |
| 2    |    |   | Ethanol, 2-(tetradecyloxy)-          | 258 | C16H34O2   | 002136-70-1  | 96   |
| 3    |    |   | 1-Heptacosanol                       | 396 | C27H56O    | 002004-39-9  | 91   |
| 4    |    |   | Trifluoroacetic acid, n-octadecyl... | 366 | C20H37F3O2 | 079392-43-1  | 90   |
| 5    |    |   | Pentafluoropropionic acid, hepta...  | 402 | C20H35F5O2 | 1000283-04-2 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

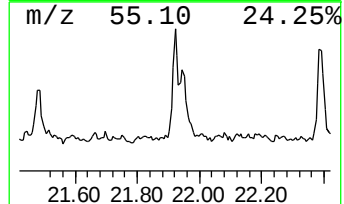
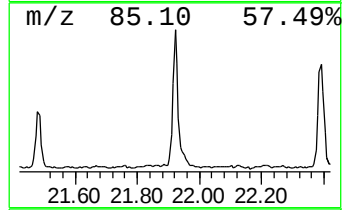
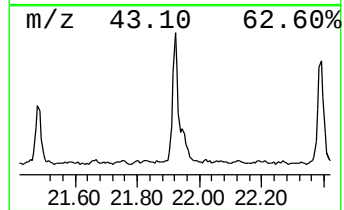
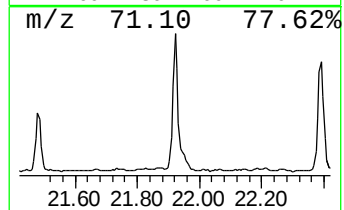
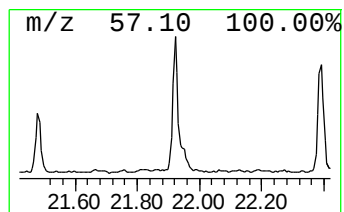
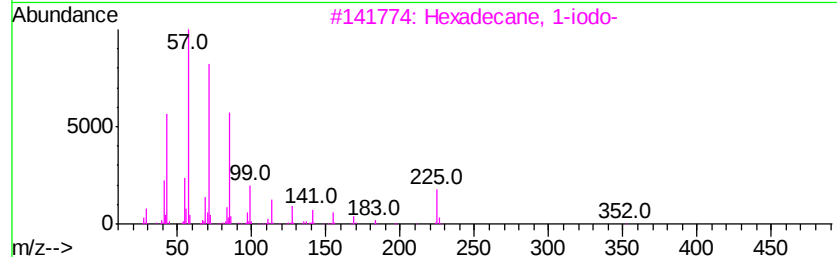
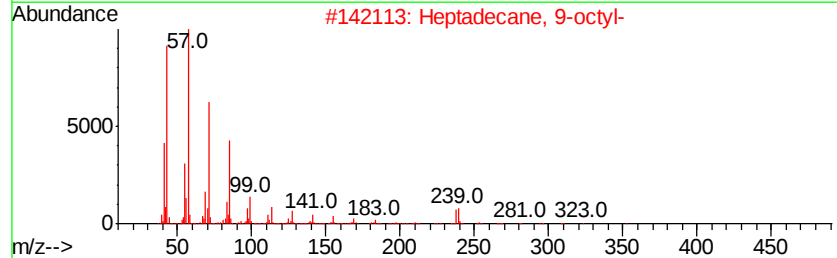
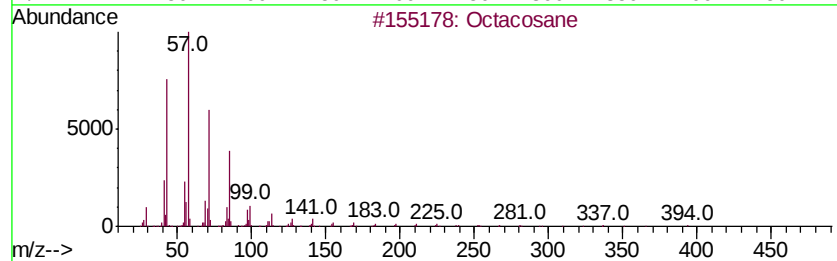
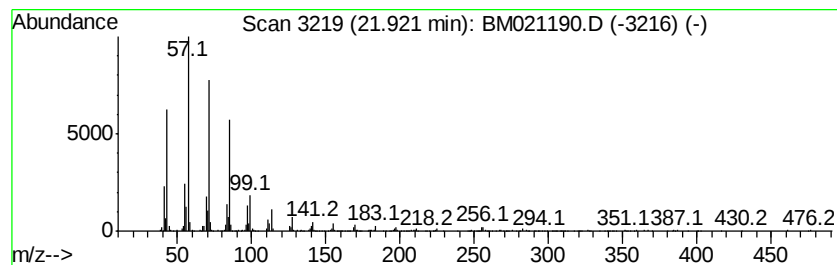
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.92 | 2.47 ng/ul | 532622 | Chrysene-d12     | 21.34 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane                       | 394 | C28H58  | 000630-02-4 | 96   |
| 2    |    | Heptadecane, 9-octyl-            | 352 | C25H52  | 007225-64-1 | 93   |
| 3    |    | Hexadecane, 1-iodo-              | 352 | C16H33I | 000544-77-4 | 93   |
| 4    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

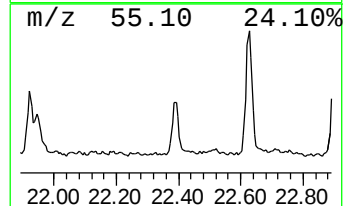
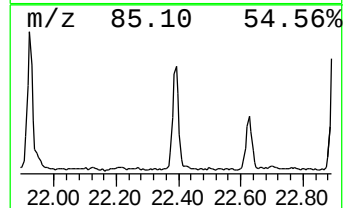
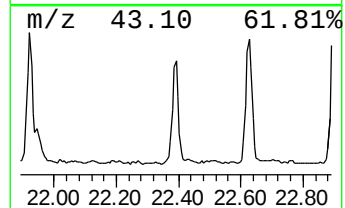
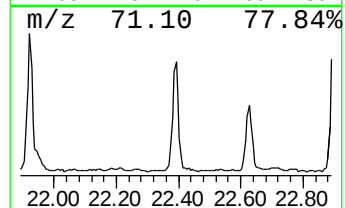
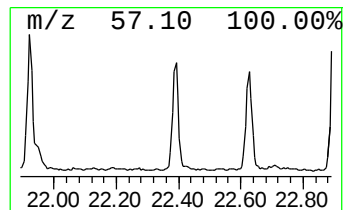
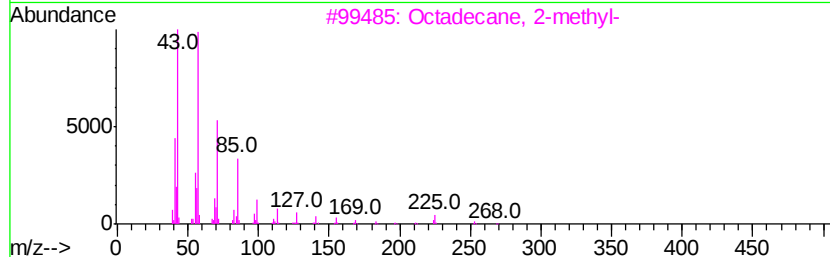
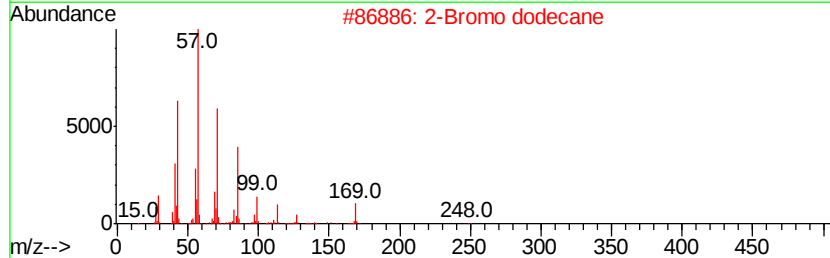
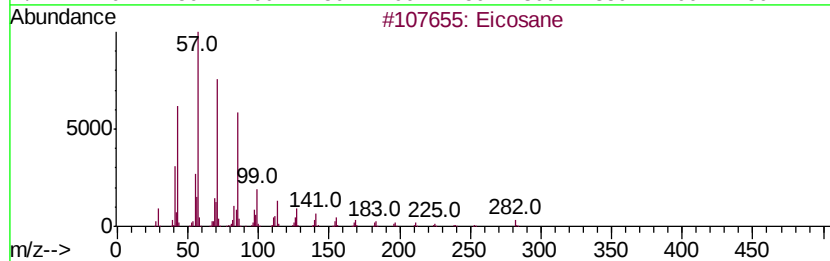
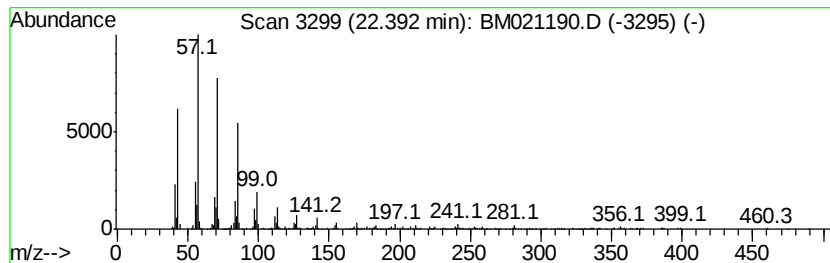
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.39 | 2.74 ng/ul | 589664 | Chrysene-d12     | 21.34 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Eicosane              | 282 | C20H42   | 000112-95-8 | 93   |
| 2    |    | 2-Bromo dodecane      | 248 | C12H25Br | 013187-99-0 | 93   |
| 3    |    | Octadecane, 2-methyl- | 268 | C19H40   | 001560-88-9 | 91   |
| 4    |    | Heneicosane           | 296 | C21H44   | 000629-94-7 | 91   |
| 5    |    | Tetracosane           | 338 | C24H50   | 000646-31-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

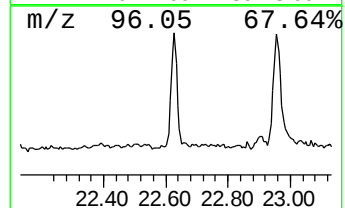
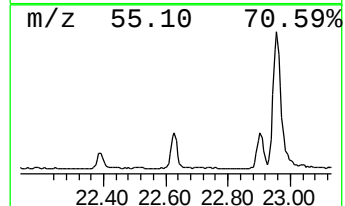
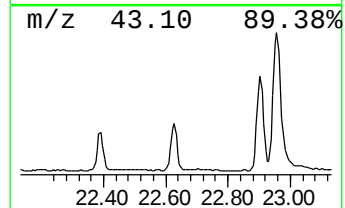
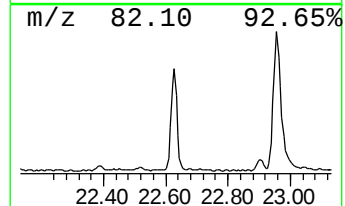
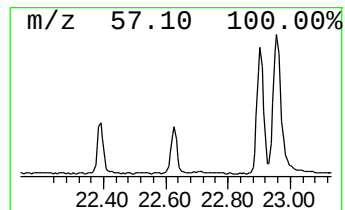
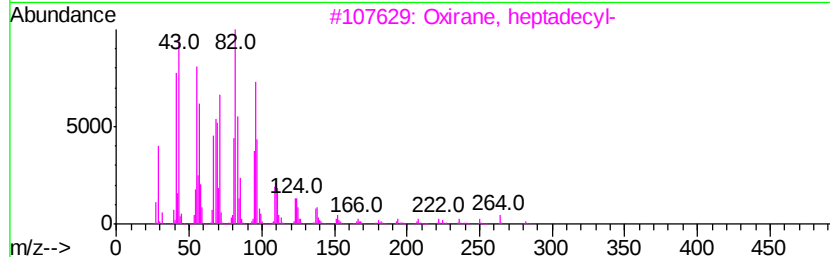
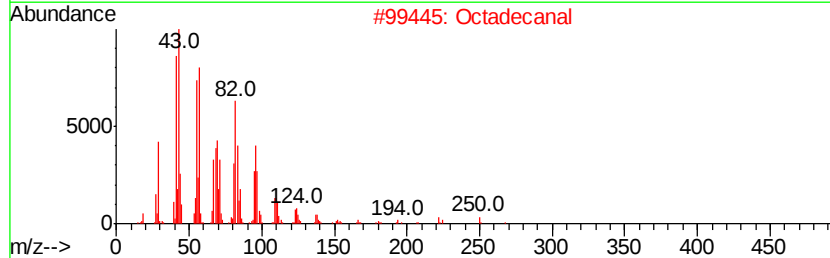
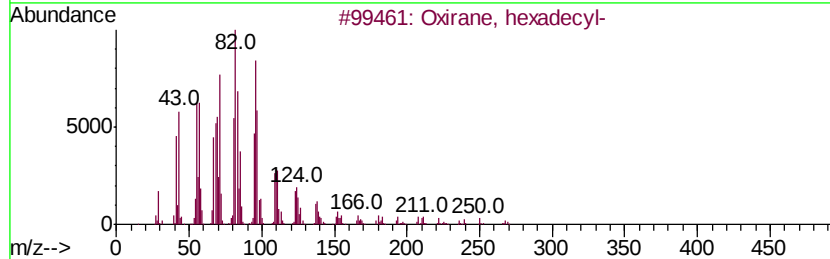
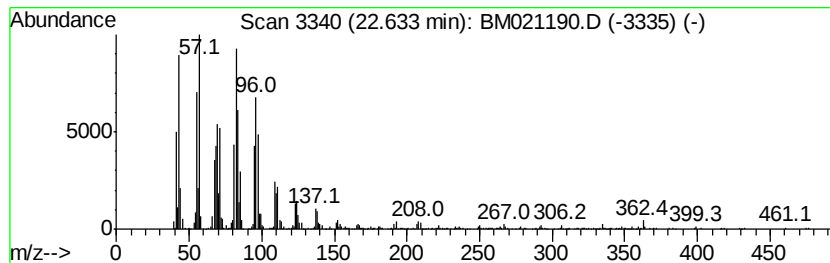
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Oxirane, hexadecyl- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.63 | 8.07 ng/ul | 1140350 | Perylene-d12     | 23.61 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 94   |
| 2    |    | Octadecanal          | 268 | C18H36O | 000638-66-4 | 94   |
| 3    |    | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91   |
| 4    |    | Octadecanal          | 268 | C18H36O | 000638-66-4 | 91   |
| 5    |    | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

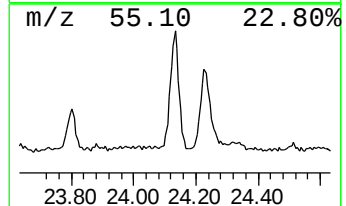
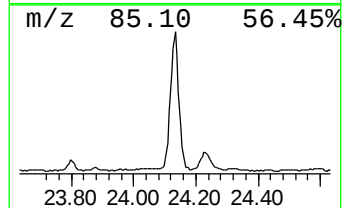
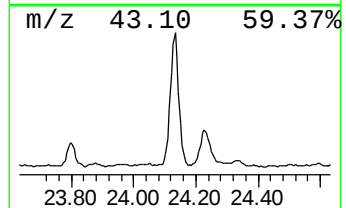
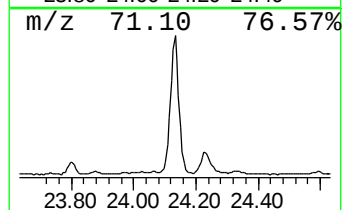
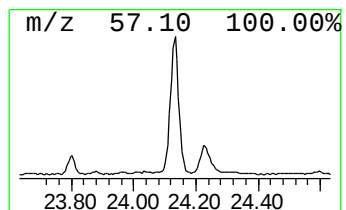
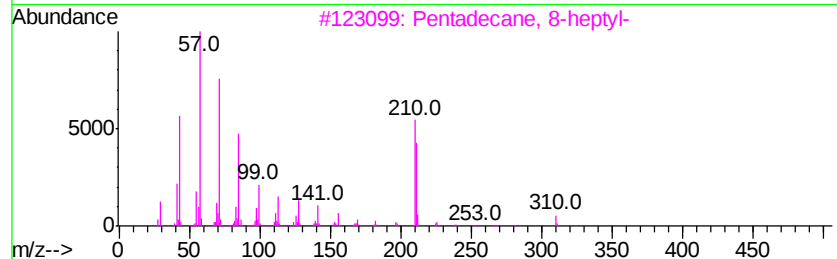
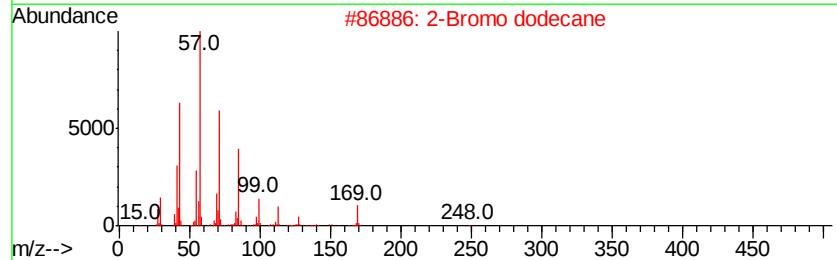
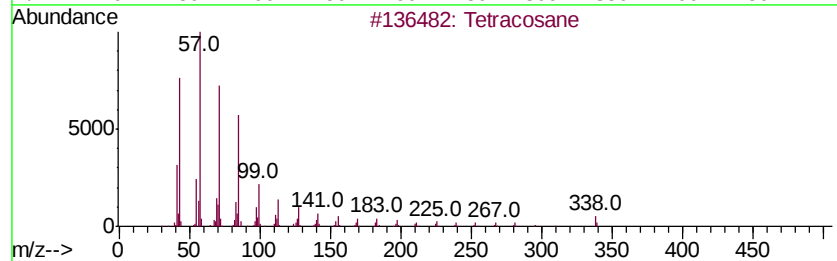
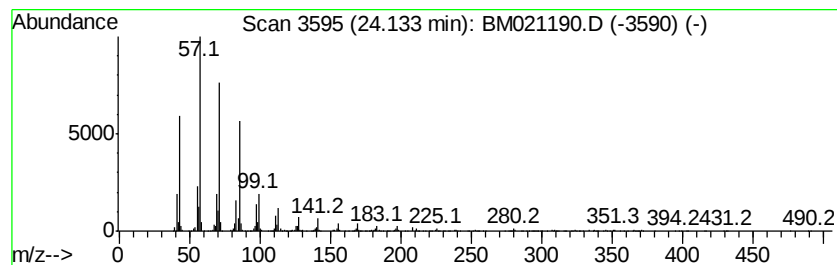
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 24.13 | 10.48 ng/ul | 1482140 | Perylene-d12     | 23.61 |

| Hit# | of | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------|-----|----------|-------------|------|
| 1    | 5  | Tetracosane             | 338 | C24H50   | 000646-31-1 | 97   |
| 2    |    | 2-Bromo dodecane        | 248 | C12H25Br | 013187-99-0 | 94   |
| 3    |    | Pentadecane, 8-heptyl-  | 310 | C22H46   | 071005-15-7 | 94   |
| 4    |    | 1-Iodo-2-methylundecane | 296 | C12H25I  | 073105-67-6 | 91   |
| 5    |    | Heneicosane             | 296 | C21H44   | 000629-94-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062519\  
Data File : BM021190.D  
Acq On : 26 Jun 2019 14:03  
Operator : HP/JU  
Sample : K3501-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C6AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.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 |
| Butane, 2-methoxy... | 3.02  | 81.3    | ng/ul | 5099980  | 1                     | 7.77  | 1254820 | 20.0 |
| Cyclotrisiloxane,... | 4.41  | 10.7    | ng/ul | 668408   | 1                     | 7.77  | 1254820 | 20.0 |
| Cyclotetrasiloxan... | 6.87  | 7.3     | ng/ul | 457342   | 1                     | 7.77  | 1254820 | 20.0 |
| Cyclopentasiloxan... | 9.30  | 3.0     | ng/ul | 297001   | 2                     | 10.55 | 1948160 | 20.0 |
| Cyclohexasiloxane... | 11.79 | 2.3     | ng/ul | 221864   | 2                     | 10.55 | 1948160 | 20.0 |
| n-Hexadecanoic acid  | 18.04 | 7.0     | ng/ul | 1344310  | 4                     | 17.16 | 3831430 | 20.0 |
| (DEL) Alkane: Cyc... | 21.04 | 6.8     | ng/ul | 1463900  | 5                     | 21.34 | 4309970 | 20.0 |
| (DEL) Alkane: Str... | 21.92 | 2.5     | ng/ul | 532622   | 5                     | 21.34 | 4309970 | 20.0 |
| (DEL) Alkane: Str... | 22.39 | 2.7     | ng/ul | 589664   | 5                     | 21.34 | 4309970 | 20.0 |
| Oxirane, hexadecyl-  | 22.63 | 8.1     | ng/ul | 1140350  | 6                     | 23.61 | 2827790 | 20.0 |
| (DEL) Alkane: Str... | 24.13 | 10.5    | ng/ul | 1482140  | 6                     | 23.61 | 2827790 | 20.0 |