

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
 Data File : BM021197.D  
 Acq On : 26 Jun 2019 18:17  
 Operator : HP/JU  
 Sample : K3501-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5AB9

## 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      | 3909436        | 5299005       | 65.91%          | 5.273%        |
| 2         | 4.410       | 237           | 242         | 254          | rVB      | 474185         | 661510        | 8.23%           | 0.658%        |
| 3         | 4.899       | 322           | 325         | 330          | rVB      | 27938          | 38988         | 0.48%           | 0.039%        |
| 4         | 5.004       | 339           | 343         | 348          | rVB2     | 34880          | 50833         | 0.63%           | 0.051%        |
| 5         | 6.869       | 655           | 660         | 665          | rBV      | 332958         | 450500        | 5.60%           | 0.448%        |
| 6         | 6.934       | 665           | 671         | 684          | rVB      | 893704         | 1477323       | 18.38%          | 1.470%        |
| 7         | 7.110       | 694           | 701         | 714          | rBV      | 647033         | 1058343       | 13.16%          | 1.053%        |
| 8         | 7.298       | 726           | 733         | 741          | rBV      | 900101         | 1408060       | 17.51%          | 1.401%        |
| 9         | 7.763       | 806           | 812         | 819          | rBV      | 814464         | 1310833       | 16.30%          | 1.304%        |
| 10        | 8.469       | 925           | 932         | 941          | rBV      | 1276487        | 2070030       | 25.75%          | 2.060%        |
| 11        | 8.598       | 950           | 954         | 959          | rVB2     | 13236          | 22512         | 0.28%           | 0.022%        |
| 12        | 8.928       | 1002          | 1010        | 1021         | rBV      | 995394         | 1618205       | 20.13%          | 1.610%        |
| 13        | 9.298       | 1067          | 1073        | 1079         | rVB      | 211251         | 296590        | 3.69%           | 0.295%        |
| 14        | 9.645       | 1123          | 1132        | 1143         | rBV      | 878670         | 1452646       | 18.07%          | 1.446%        |
| 15        | 10.175      | 1212          | 1222        | 1236         | rBV      | 1519016        | 2530787       | 31.48%          | 2.518%        |
| 16        | 10.551      | 1279          | 1286        | 1294         | rBV      | 1273049        | 2097817       | 26.09%          | 2.088%        |
| 17        | 10.698      | 1304          | 1311        | 1325         | rBV      | 1161732        | 2107945       | 26.22%          | 2.098%        |
| 18        | 11.786      | 1487          | 1496        | 1504         | rVB      | 165671         | 243410        | 3.03%           | 0.242%        |
| 19        | 12.063      | 1536          | 1543        | 1549         | rVB4     | 7122           | 12380         | 0.15%           | 0.012%        |
| 20        | 12.145      | 1549          | 1557        | 1563         | rVB2     | 27134          | 46203         | 0.57%           | 0.046%        |
| 21        | 12.751      | 1654          | 1660        | 1669         | rVB2     | 16358          | 30486         | 0.38%           | 0.030%        |
| 22        | 13.004      | 1698          | 1703        | 1710         | rVB      | 20503          | 29134         | 0.36%           | 0.029%        |
| 23        | 13.292      | 1746          | 1752        | 1757         | rBV      | 45516          | 68511         | 0.85%           | 0.068%        |
| 24        | 13.821      | 1830          | 1842        | 1846         | rBV      | 3204900        | 4681162       | 58.23%          | 4.658%        |
| 25        | 13.863      | 1846          | 1849        | 1857         | rVV      | 1348138        | 1793969       | 22.31%          | 1.785%        |
| 26        | 14.051      | 1876          | 1881        | 1883         | rBV2     | 14825          | 21286         | 0.26%           | 0.021%        |
| 27        | 14.098      | 1883          | 1889        | 1900         | rVB      | 3492967        | 5176199       | 64.38%          | 5.151%        |
| 28        | 14.404      | 1934          | 1941        | 1948         | rBV2     | 2057676        | 3191028       | 39.69%          | 3.175%        |
| 29        | 14.468      | 1948          | 1952        | 1958         | rVB      | 39946          | 60180         | 0.75%           | 0.060%        |
| 30        | 14.616      | 1971          | 1977        | 1992         | rBV      | 997738         | 1634302       | 20.33%          | 1.626%        |
| 31        | 14.816      | 2000          | 2011        | 2019         | rVB5     | 36150          | 102380        | 1.27%           | 0.102%        |
| 32        | 15.198      | 2068          | 2076        | 2079         | rBV      | 51190          | 71252         | 0.89%           | 0.071%        |
| 33        | 15.233      | 2079          | 2082        | 2088         | rVB2     | 25598          | 43929         | 0.55%           | 0.044%        |
| 34        | 15.357      | 2098          | 2103        | 2105         | rBV      | 107984         | 131686        | 1.64%           | 0.131%        |

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Integrator: RTE  
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 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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 15.404 | 2105 | 2111 | 2117 | rVV  | 4748965 | 6853592 | 85.25% | 6.820% |
| 36 | 15.457 | 2117 | 2120 | 2126 | rVB2 | 41357   | 60715   | 0.76%  | 0.060% |
| 37 | 15.527 | 2126 | 2132 | 2145 | rBV  | 1275177 | 1808842 | 22.50% | 1.800% |
| 38 | 15.639 | 2145 | 2151 | 2159 | rVB2 | 60151   | 108164  | 1.35%  | 0.108% |
| 39 | 15.751 | 2165 | 2170 | 2176 | rVB2 | 20686   | 35582   | 0.44%  | 0.035% |
| 40 | 15.810 | 2176 | 2180 | 2184 | rVB6 | 8015    | 12942   | 0.16%  | 0.013% |
| 41 | 15.898 | 2192 | 2195 | 2200 | rVB3 | 17226   | 27937   | 0.35%  | 0.028% |
| 42 | 16.121 | 2228 | 2233 | 2240 | rVV8 | 19265   | 44803   | 0.56%  | 0.045% |
| 43 | 16.180 | 2240 | 2243 | 2247 | rVB5 | 10402   | 16370   | 0.20%  | 0.016% |
| 44 | 16.298 | 2259 | 2263 | 2266 | rVB5 | 8783    | 12471   | 0.16%  | 0.012% |
| 45 | 16.433 | 2280 | 2286 | 2287 | rBV4 | 12728   | 22876   | 0.28%  | 0.023% |
| 46 | 16.510 | 2296 | 2299 | 2304 | rBV5 | 8185    | 14800   | 0.18%  | 0.015% |
| 47 | 16.551 | 2304 | 2306 | 2311 | rVV5 | 21969   | 26554   | 0.33%  | 0.026% |
| 48 | 16.604 | 2311 | 2315 | 2322 | rVB  | 91760   | 123369  | 1.53%  | 0.123% |
| 49 | 16.686 | 2326 | 2329 | 2334 | rVV6 | 12915   | 21603   | 0.27%  | 0.021% |
| 50 | 16.810 | 2346 | 2350 | 2357 | rBV3 | 20471   | 32759   | 0.41%  | 0.033% |
| 51 | 16.874 | 2357 | 2361 | 2363 | rBV5 | 17819   | 23482   | 0.29%  | 0.023% |
| 52 | 16.904 | 2364 | 2366 | 2369 | rVV3 | 22902   | 24260   | 0.30%  | 0.024% |
| 53 | 16.945 | 2369 | 2373 | 2375 | rVV2 | 11020   | 14419   | 0.18%  | 0.014% |
| 54 | 16.974 | 2375 | 2378 | 2384 | rVB  | 26777   | 40392   | 0.50%  | 0.040% |
| 55 | 17.068 | 2392 | 2394 | 2399 | rVB6 | 14107   | 14202   | 0.18%  | 0.014% |
| 56 | 17.157 | 2402 | 2409 | 2413 | rBV2 | 2722524 | 3816709 | 47.47% | 3.798% |
| 57 | 17.198 | 2413 | 2416 | 2420 | rVV  | 473493  | 594459  | 7.39%  | 0.592% |
| 58 | 17.257 | 2420 | 2426 | 2436 | rVB  | 4871595 | 7070993 | 87.95% | 7.036% |
| 59 | 17.562 | 2471 | 2478 | 2482 | rVV3 | 30569   | 61318   | 0.76%  | 0.061% |
| 60 | 17.674 | 2493 | 2497 | 2501 | rVB  | 81775   | 97014   | 1.21%  | 0.097% |
| 61 | 17.815 | 2519 | 2521 | 2526 | rBV6 | 14897   | 16242   | 0.20%  | 0.016% |
| 62 | 17.915 | 2534 | 2538 | 2544 | rBV8 | 23202   | 42801   | 0.53%  | 0.043% |
| 63 | 17.986 | 2547 | 2550 | 2553 | rBV4 | 15778   | 21812   | 0.27%  | 0.022% |
| 64 | 18.051 | 2553 | 2561 | 2571 | rBV2 | 996478  | 1769304 | 22.01% | 1.761% |
| 65 | 18.227 | 2586 | 2591 | 2594 | rBV2 | 77009   | 127481  | 1.59%  | 0.127% |
| 66 | 18.256 | 2594 | 2596 | 2604 | rVB  | 45667   | 68753   | 0.86%  | 0.068% |
| 67 | 18.339 | 2606 | 2610 | 2615 | rBV7 | 23487   | 36173   | 0.45%  | 0.036% |
| 68 | 18.386 | 2615 | 2618 | 2623 | rBV5 | 19134   | 30947   | 0.38%  | 0.031% |
| 69 | 18.533 | 2639 | 2643 | 2647 | rBV  | 50359   | 66855   | 0.83%  | 0.067% |
| 70 | 18.580 | 2647 | 2651 | 2654 | rVV2 | 43859   | 57717   | 0.72%  | 0.057% |
| 71 | 18.615 | 2654 | 2657 | 2662 | rVB  | 66992   | 83143   | 1.03%  | 0.083% |

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## Integration Parameters: LSCINT.P

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 Sampling : 1  
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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  | 18.774 | 2682 | 2684 | 2689 | rVB7 | 18550   | 20570   | 0.26%   | 0.020% |
| 73  | 18.915 | 2703 | 2708 | 2710 | rBV6 | 25609   | 46886   | 0.58%   | 0.047% |
| 74  | 19.098 | 2734 | 2739 | 2747 | rVB4 | 26840   | 64408   | 0.80%   | 0.064% |
| 75  | 19.186 | 2750 | 2754 | 2755 | rVV  | 96202   | 116948  | 1.45%   | 0.116% |
| 76  | 19.215 | 2755 | 2759 | 2765 | rVB  | 714186  | 1006120 | 12.51%  | 1.001% |
| 77  | 19.327 | 2773 | 2778 | 2787 | rBV2 | 376616  | 603712  | 7.51%   | 0.601% |
| 78  | 19.421 | 2790 | 2794 | 2804 | rVV3 | 94727   | 201831  | 2.51%   | 0.201% |
| 79  | 19.551 | 2810 | 2816 | 2828 | rBV2 | 5295295 | 8039587 | 100.00% | 8.000% |
| 80  | 19.762 | 2848 | 2852 | 2853 | rBV  | 35507   | 44723   | 0.56%   | 0.045% |
| 81  | 19.898 | 2872 | 2875 | 2884 | rBV5 | 39685   | 85216   | 1.06%   | 0.085% |
| 82  | 20.086 | 2901 | 2907 | 2910 | rVB2 | 101879  | 197659  | 2.46%   | 0.197% |
| 83  | 20.121 | 2910 | 2913 | 2918 | rVB2 | 63665   | 68964   | 0.86%   | 0.069% |
| 84  | 20.174 | 2919 | 2922 | 2926 | rBV  | 54677   | 70671   | 0.88%   | 0.070% |
| 85  | 20.233 | 2929 | 2932 | 2936 | rVB2 | 65776   | 91009   | 1.13%   | 0.091% |
| 86  | 20.456 | 2968 | 2970 | 2972 | rBV2 | 35735   | 34971   | 0.43%   | 0.035% |
| 87  | 20.586 | 2989 | 2992 | 2996 | rBV  | 121315  | 122718  | 1.53%   | 0.122% |
| 88  | 20.750 | 3017 | 3020 | 3024 | rVB2 | 80221   | 90859   | 1.13%   | 0.090% |
| 89  | 21.050 | 3067 | 3071 | 3080 | rVB2 | 906132  | 1194831 | 14.86%  | 1.189% |
| 90  | 21.256 | 3103 | 3106 | 3111 | rVB  | 112542  | 119616  | 1.49%   | 0.119% |
| 91  | 21.345 | 3114 | 3121 | 3125 | rVV  | 2482375 | 3619480 | 45.02%  | 3.602% |
| 92  | 21.380 | 3125 | 3127 | 3137 | rVB  | 306097  | 396492  | 4.93%   | 0.395% |
| 93  | 21.492 | 3142 | 3146 | 3151 | rBV  | 514593  | 612776  | 7.62%   | 0.610% |
| 94  | 21.933 | 3217 | 3221 | 3233 | rVB  | 876018  | 1179809 | 14.67%  | 1.174% |
| 95  | 22.403 | 3296 | 3301 | 3305 | rBV  | 1194487 | 1637542 | 20.37%  | 1.630% |
| 96  | 22.915 | 3383 | 3388 | 3393 | rBV2 | 1378546 | 2231648 | 27.76%  | 2.221% |
| 97  | 23.480 | 3478 | 3484 | 3500 | rVB2 | 3880064 | 8034404 | 99.94%  | 7.995% |
| 98  | 23.621 | 3502 | 3508 | 3523 | rVB  | 1543627 | 3086863 | 38.40%  | 3.072% |
| 99  | 24.144 | 3591 | 3597 | 3606 | rVB  | 893526  | 1778183 | 22.12%  | 1.769% |
| 100 | 24.897 | 3720 | 3725 | 3735 | rVB  | 522219  | 1101121 | 13.70%  | 1.096% |

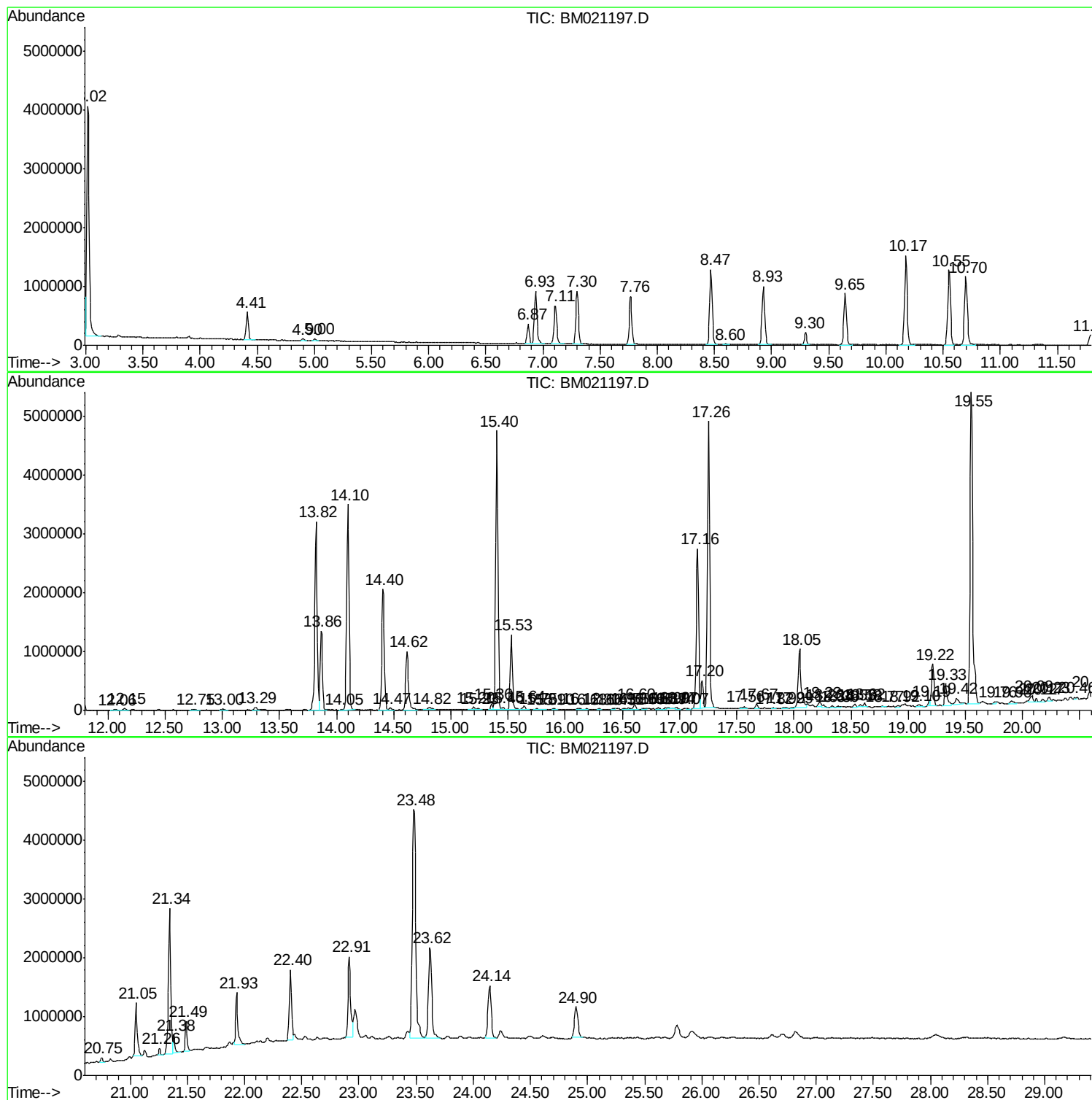
Sum of corrected areas: 100490896

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Instrument :  
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ClientSampled :  
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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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

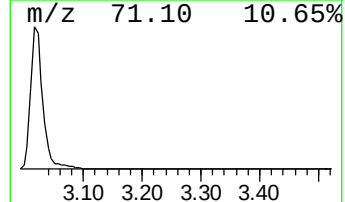
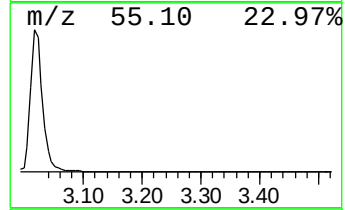
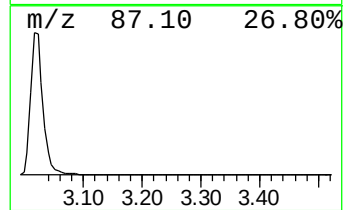
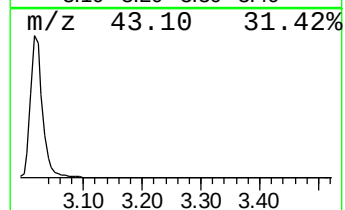
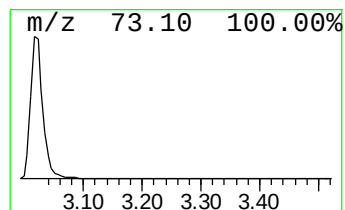
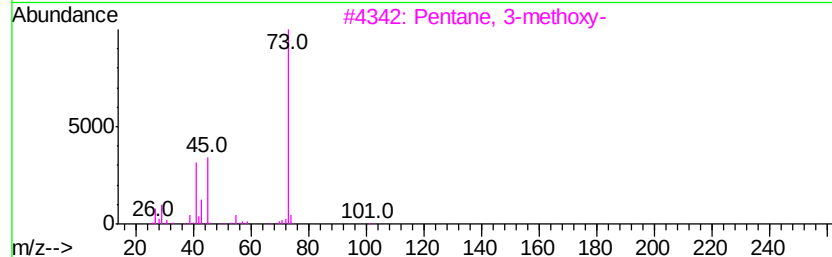
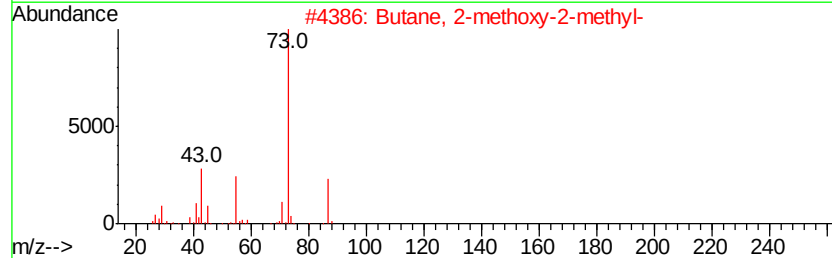
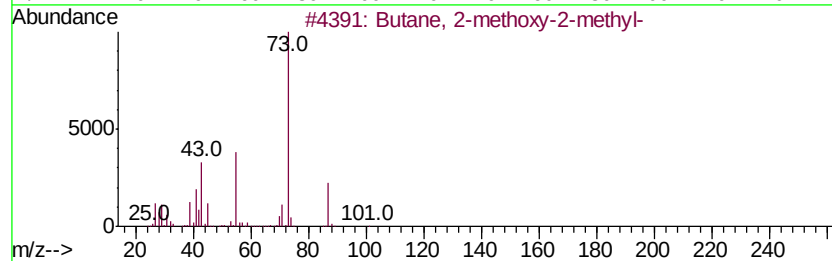
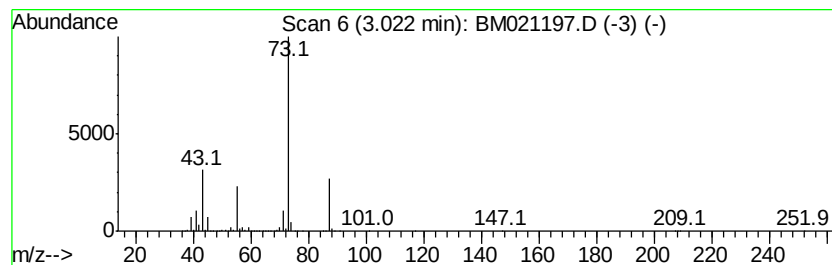
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.02 | 80.85 ng/ul | 5299010 | 1,4-Dichlorobenzene-d4 | 7.76 |

| 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    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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Quant Title : SVOA CALIBRATION

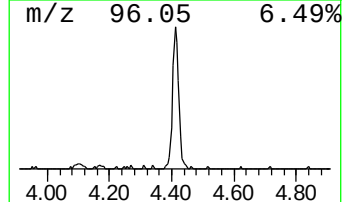
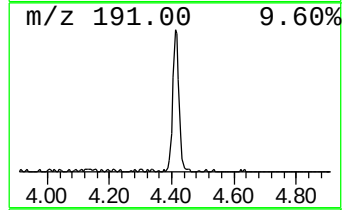
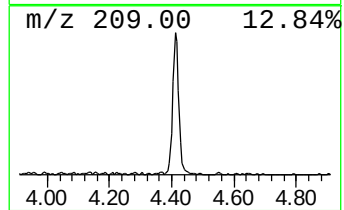
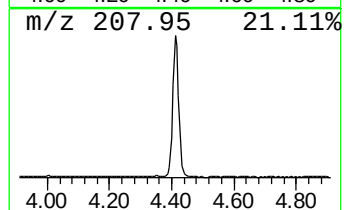
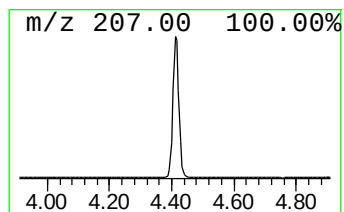
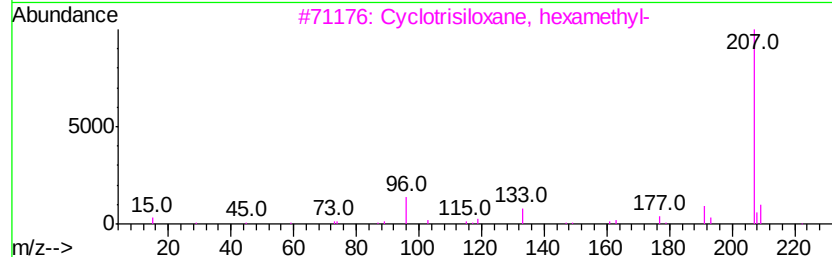
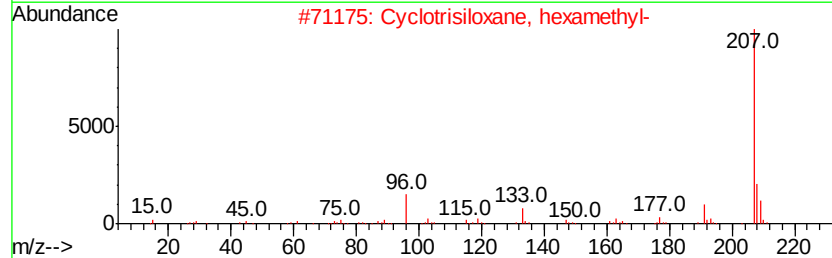
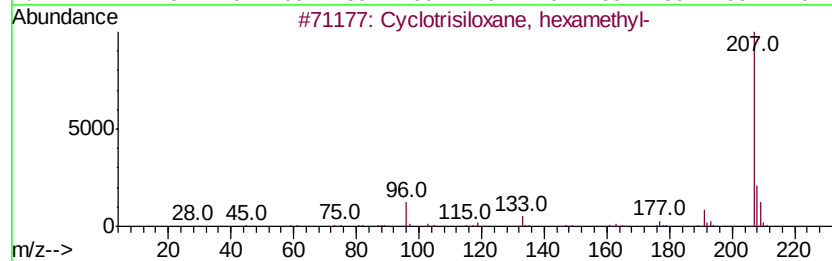
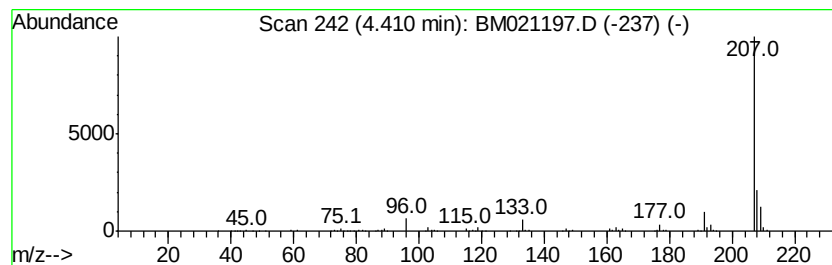
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 4.41 | 10.09 ng/ul | 661510 | 1,4-Dichlorobenzene-d4 | 7.76 |

| 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 | 80   |
| 3    |    | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 72   |
| 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 : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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Quant Title : SVOA CALIBRATION

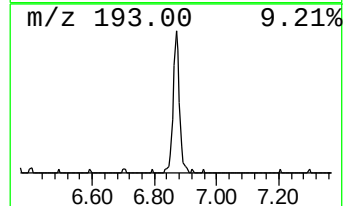
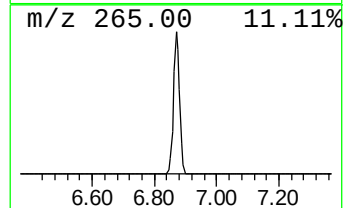
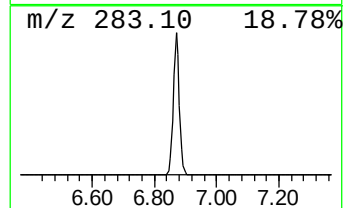
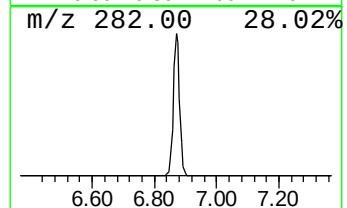
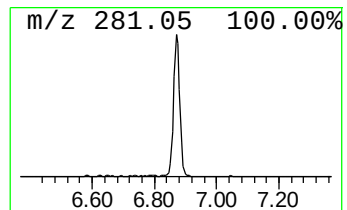
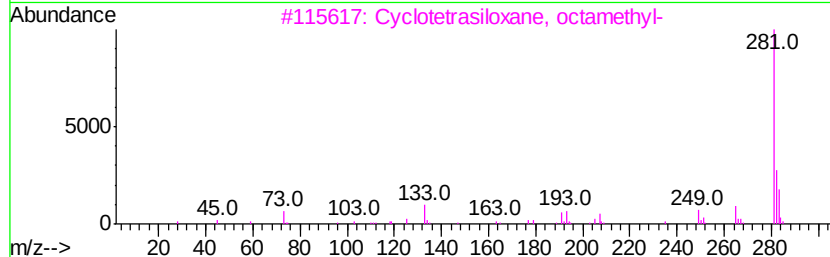
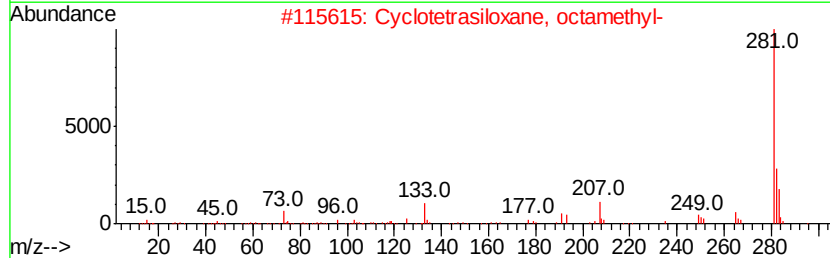
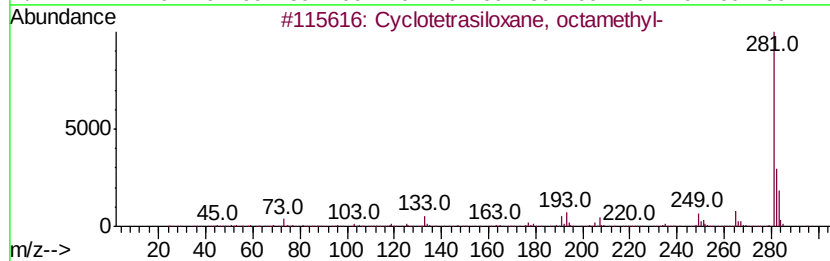
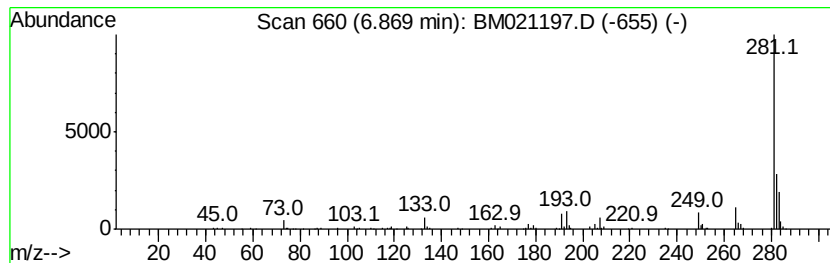
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.87 | 6.87 ng/ul | 450500 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|--------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Cyclotetrasiloxane, octamethyl-      | 296 | C8H24O4Si4  | 000556-67-2 | 87   |
| 2    |    | Cyclotetrasiloxane, octamethyl-      | 296 | C8H24O4Si4  | 000556-67-2 | 74   |
| 3    |    | Cyclotetrasiloxane, octamethyl-      | 296 | C8H24O4Si4  | 000556-67-2 | 53   |
| 4    |    | 7H-Dibenzo[b, a]carbazole, 7-methyl- | 281 | C21H15N     | 003557-49-1 | 50   |
| 5    |    | 4-Nitro-4'-chlorodiphenylsulfoxide   | 281 | C12H8ClNO3S | 024535-53-3 | 50   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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

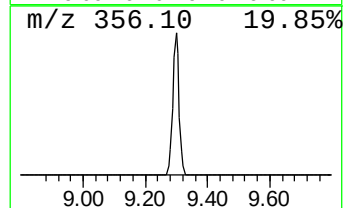
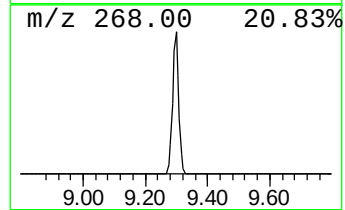
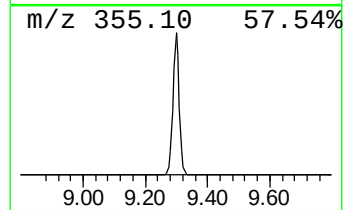
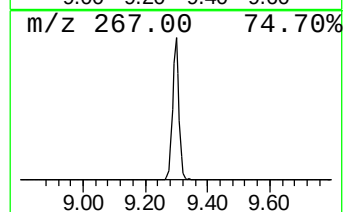
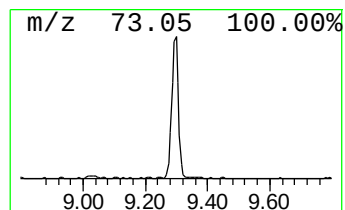
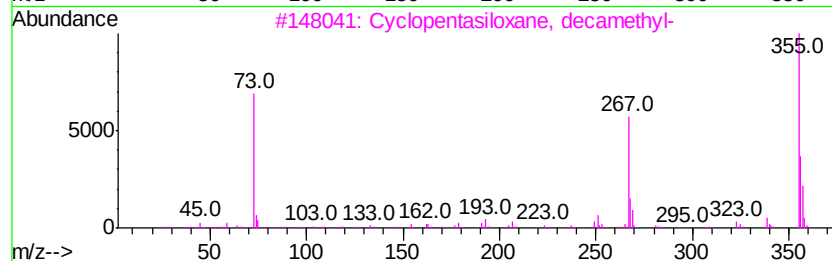
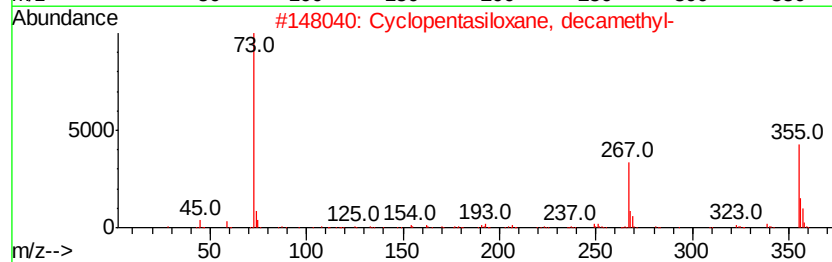
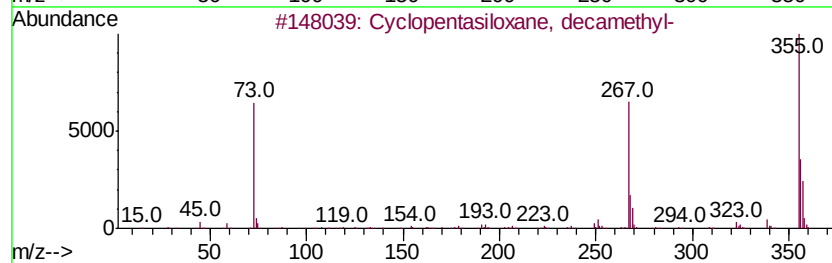
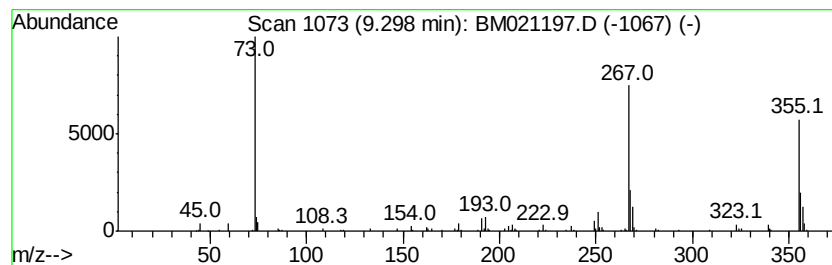
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 12

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.30 | 2.83 ng/ul | 296590 | 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    |    | Butanamide, 2,2,3,3,4,4,4-heptaf... | 493 | C18H26F7N03Si2 | 055471-01-7 | 38   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

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

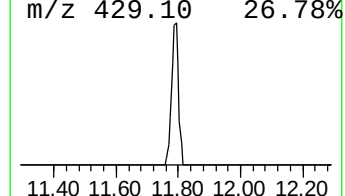
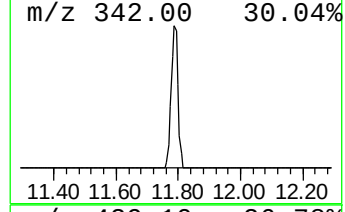
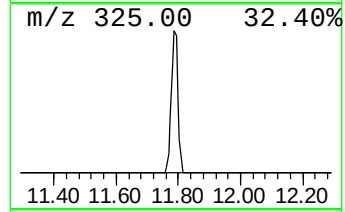
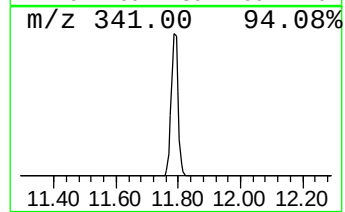
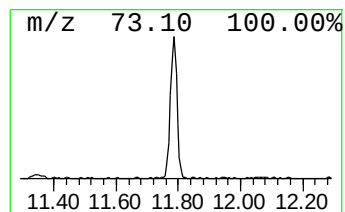
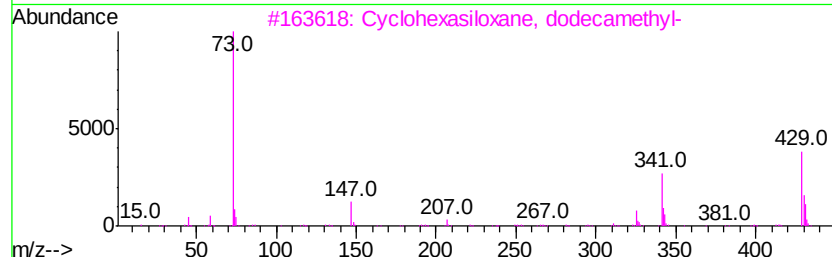
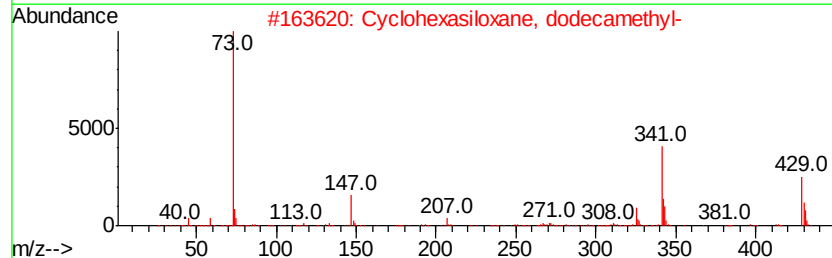
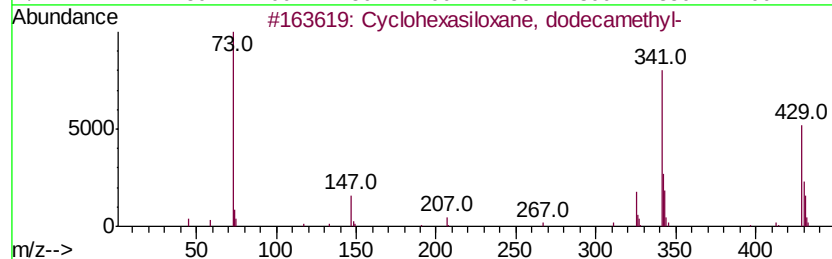
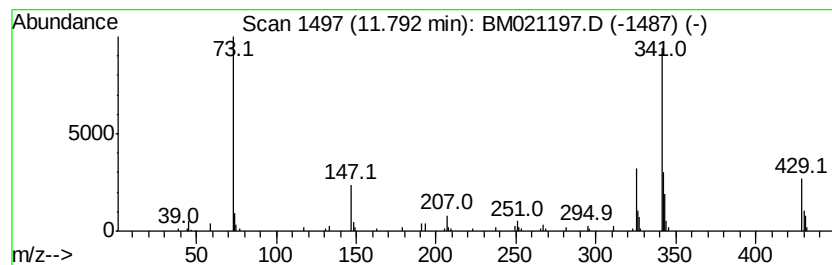
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cyclohexasiloxane, dodecane... Concentration Rank 13

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.79 | 2.32 ng/ul | 243410 | 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 | 47   |
| 5    |    | 2H-Chromen-2-one, 3-(2-benzoxazo...   | 341 | C16H8BrN03   | 071860-27-0 | 22   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

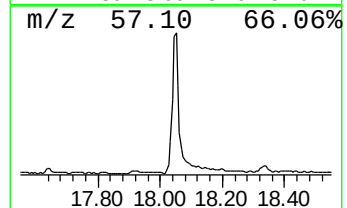
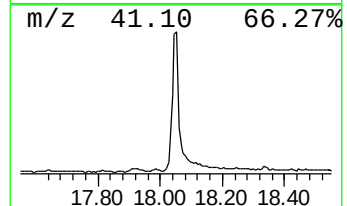
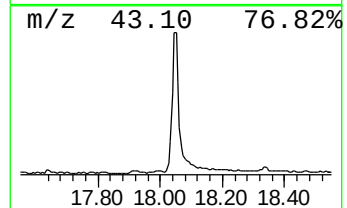
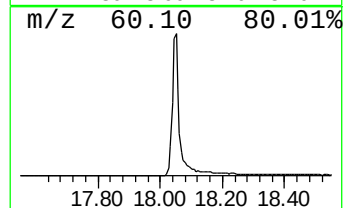
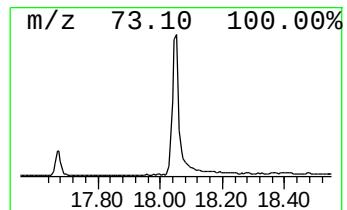
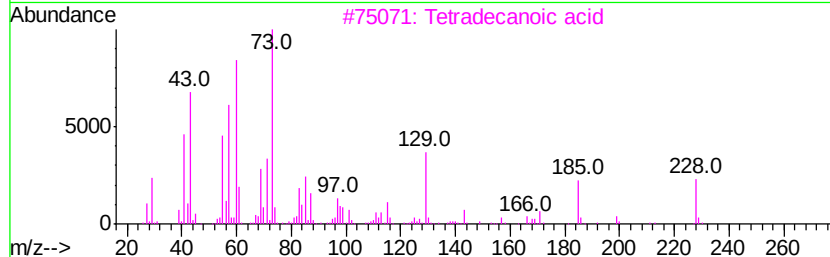
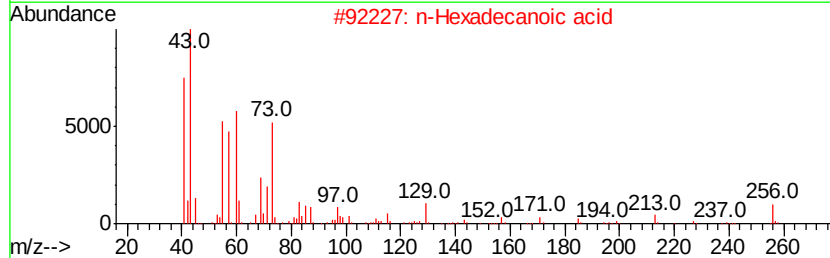
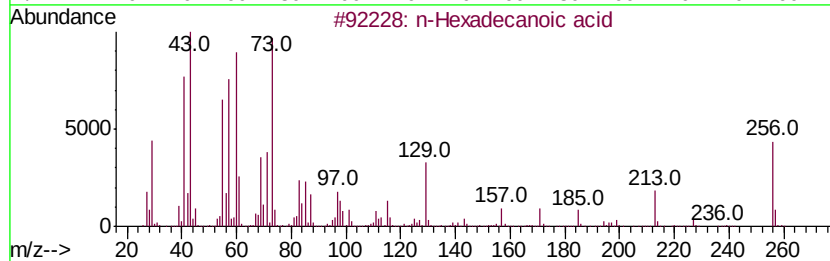
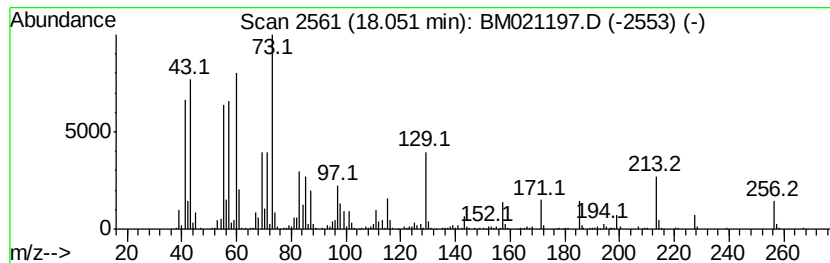
Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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 4

| R.T.    | EstConc             | Area         | Relative to ISTD | R.T.        |      |      |
|---------|---------------------|--------------|------------------|-------------|------|------|
| 18.05   | 9.27 ng/ul          | 1769300      | Phenanthrene-d10 | 17.16       |      |      |
| 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       | Tetradecanoic acid  | 228          | C14H28O2         | 000544-63-8 | 94   |      |
| 4       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 93   |      |
| 5       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 91   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

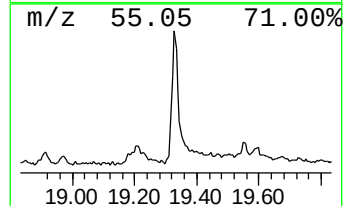
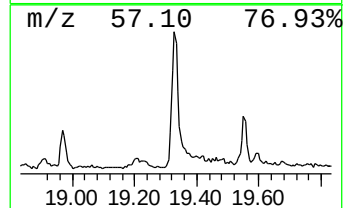
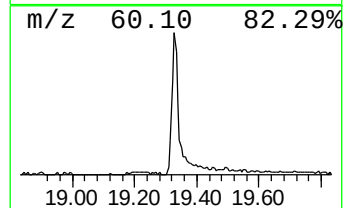
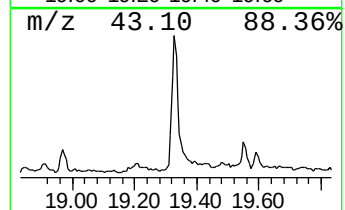
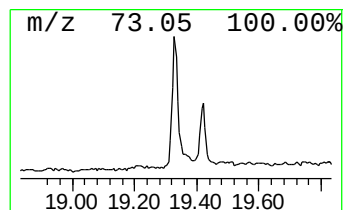
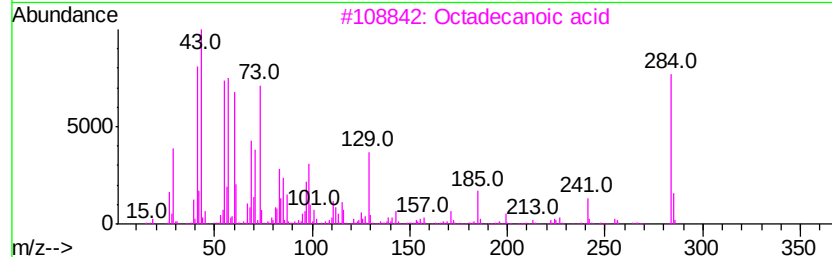
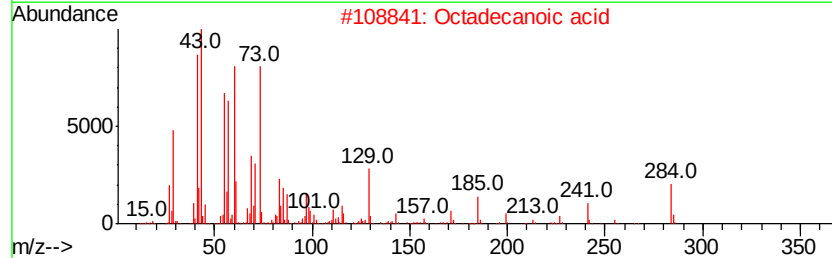
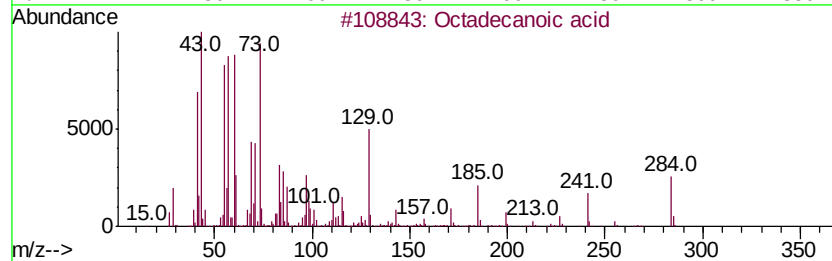
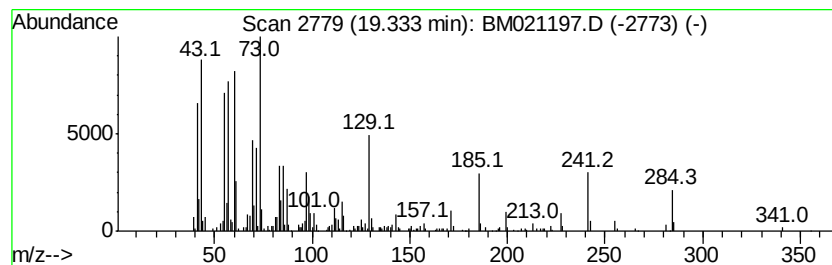
Instrument :  
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Octadecanoic acid Concentration Rank 11

| R.T.    | EstConc            | Area         | Relative to ISTD |          | R.T.        |      |
|---------|--------------------|--------------|------------------|----------|-------------|------|
| 19.33   | 3.34 ng/ul         | 603712       | Chrysene-d12     |          | 21.34       |      |
| 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 | 99   |
| 3       | Octadecanoic acid  |              | 284              | C18H36O2 | 000057-11-4 | 91   |
| 4       | Tetradecanoic acid |              | 228              | C14H28O2 | 000544-63-8 | 83   |
| 5       | Pentadecanoic acid |              | 242              | C15H30O2 | 001002-84-2 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

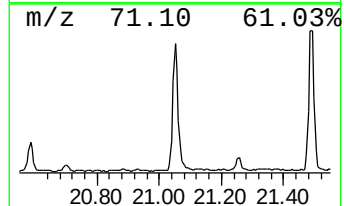
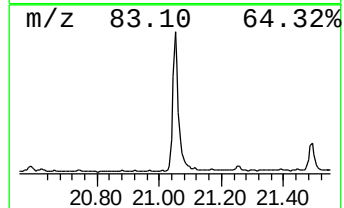
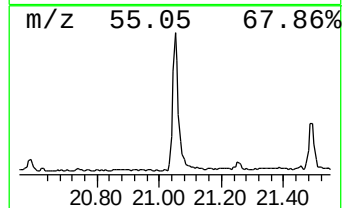
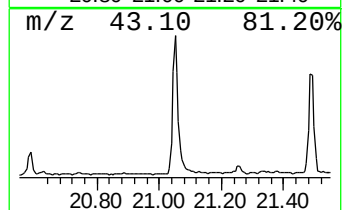
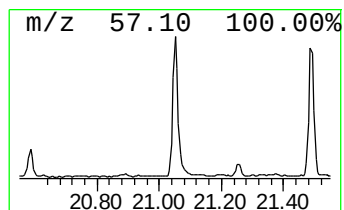
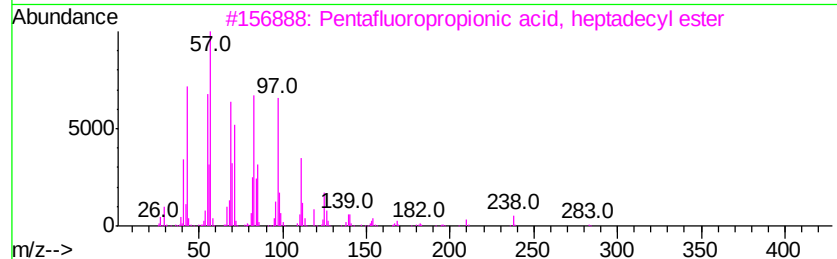
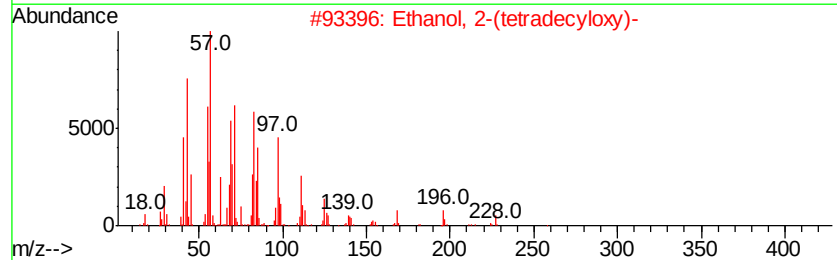
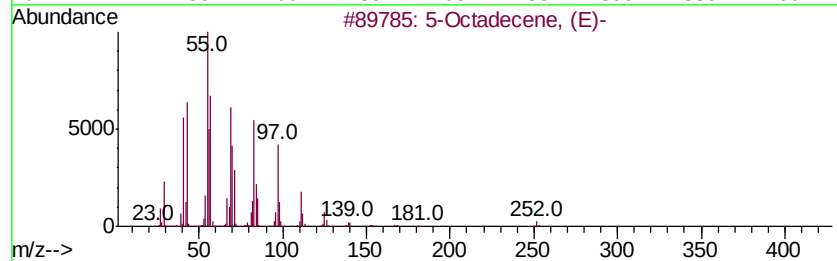
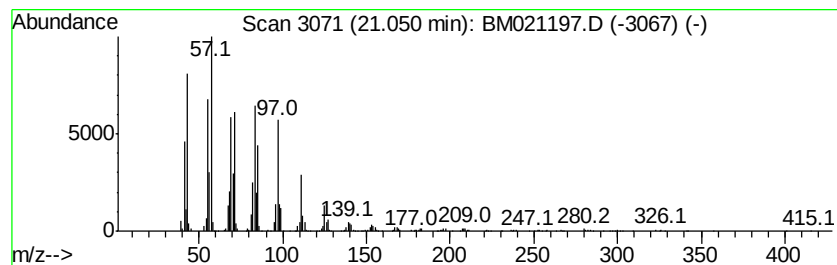
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Cyclic21.05 Concentration Rank 8

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.05 | 6.60 ng/ul | 1194830 | Chrysene-d12     | 21.34 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | 5-Octadecene, (E)-                  | 252 | C18H36      | 007206-21-5  | 90   |
| 2    |    | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 90   |
| 3    |    | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 1000283-04-2 | 87   |
| 4    |    | 1-Hentetracontanol                  | 593 | C41H84O     | 040710-42-7  | 87   |
| 5    |    | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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

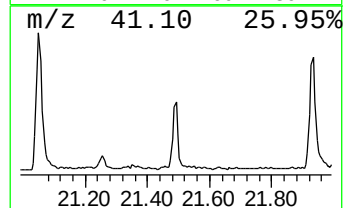
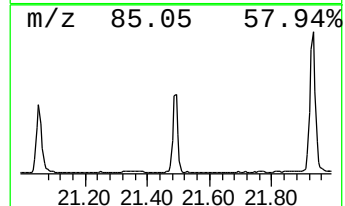
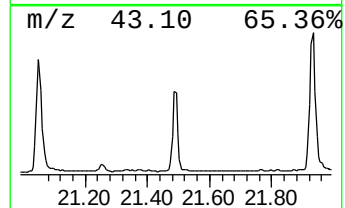
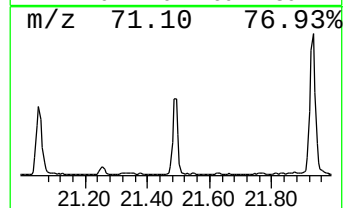
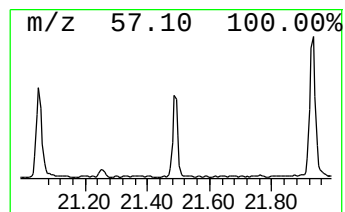
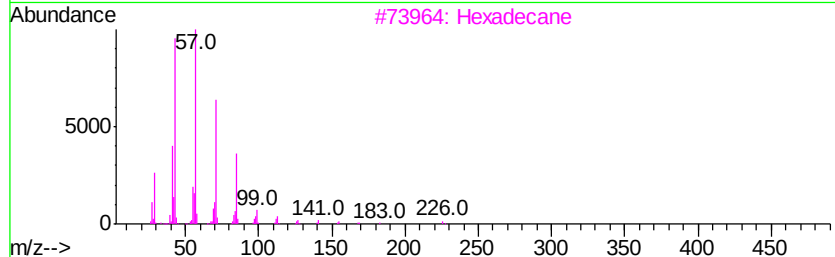
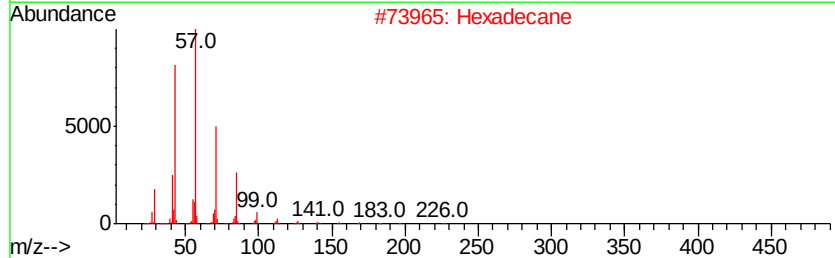
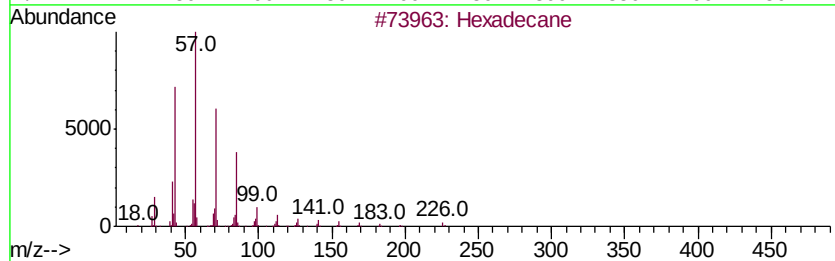
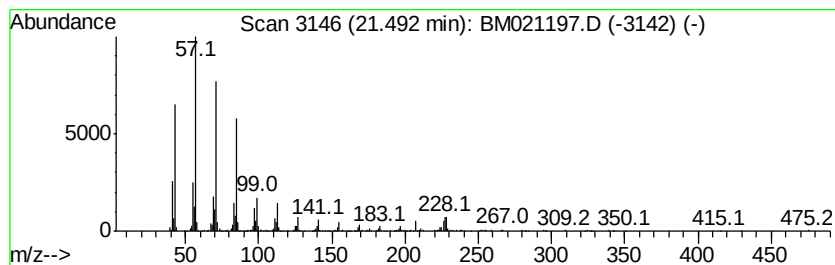
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.49 | 3.39 ng/ul | 612776 | Chrysene-d12     | 21.34 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane           | 226 | C16H34  | 000544-76-3 | 96   |
| 2    |    | Hexadecane           | 226 | C16H34  | 000544-76-3 | 95   |
| 3    |    | Hexadecane           | 226 | C16H34  | 000544-76-3 | 94   |
| 4    |    | Hexadecane           | 226 | C16H34  | 000544-76-3 | 94   |
| 5    |    | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

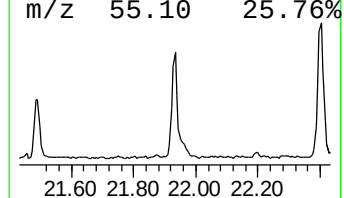
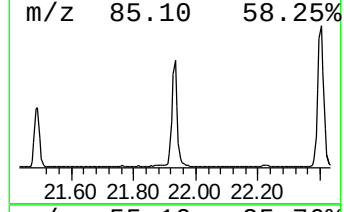
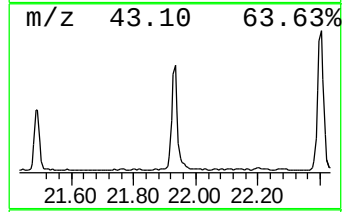
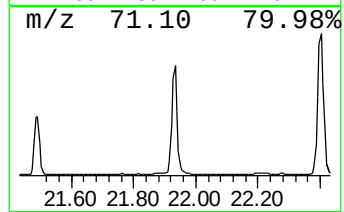
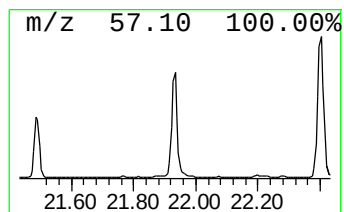
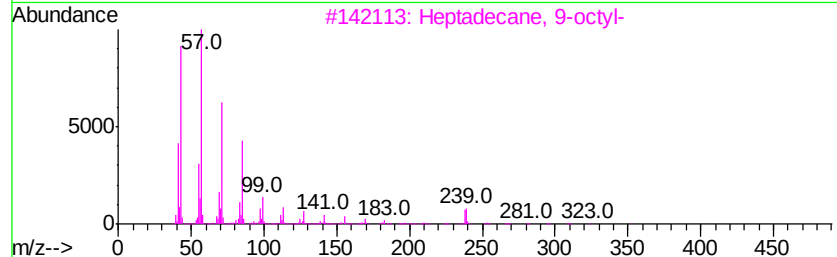
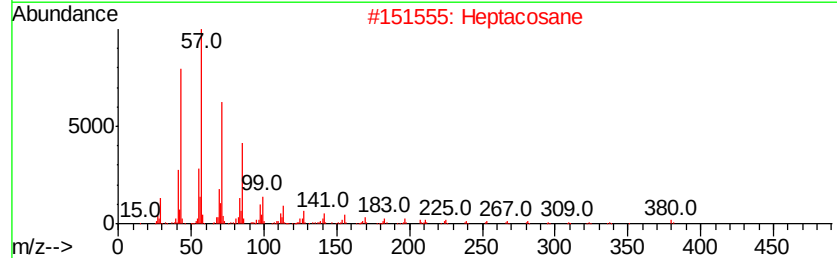
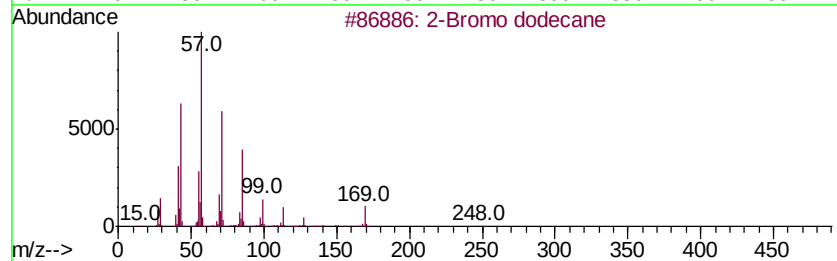
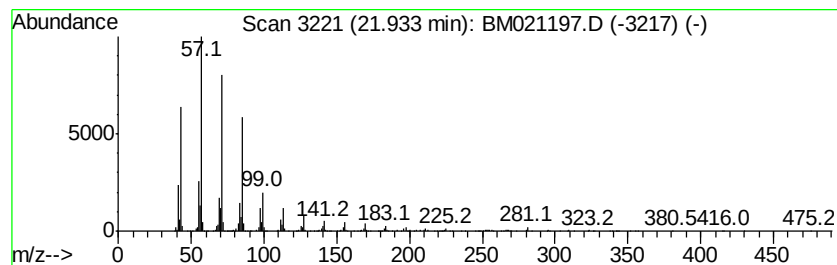
Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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 2-Bromo dodecane Concentration Rank 9

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 21.93     | 6.52 ng/ul            | 1179810 | Chrysene-d12     | 21.34       |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm          | CAS#        | Qual |
| 1         | 2-Bromo dodecane      | 248     | C12H25Br         | 013187-99-0 | 93   |
| 2         | Heptacosane           | 380     | C27H56           | 000593-49-7 | 91   |
| 3         | Heptadecane, 9-octyl- | 352     | C25H52           | 007225-64-1 | 91   |
| 4         | Heneicosane           | 296     | C21H44           | 000629-94-7 | 91   |
| 5         | Octadecane, 2-methyl- | 268     | C19H40           | 001560-88-9 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

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

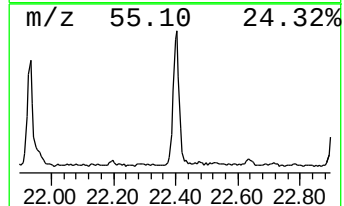
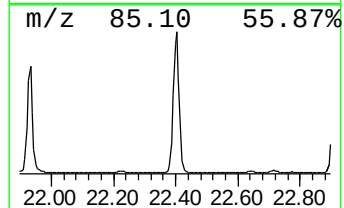
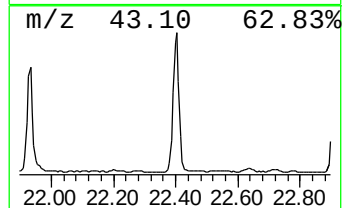
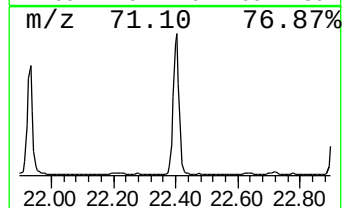
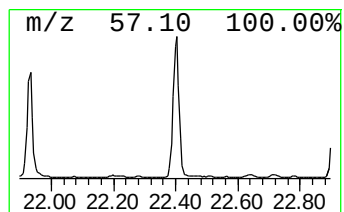
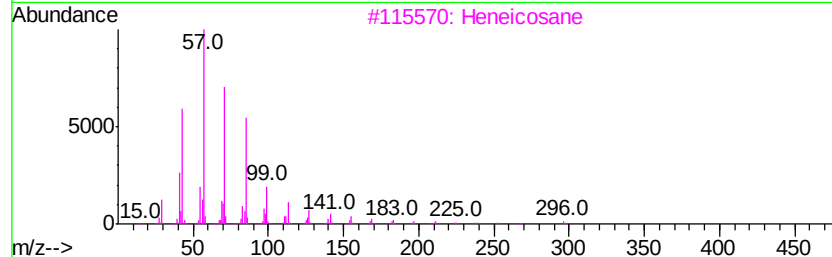
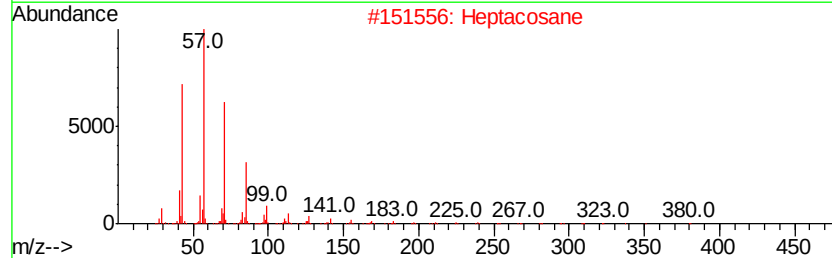
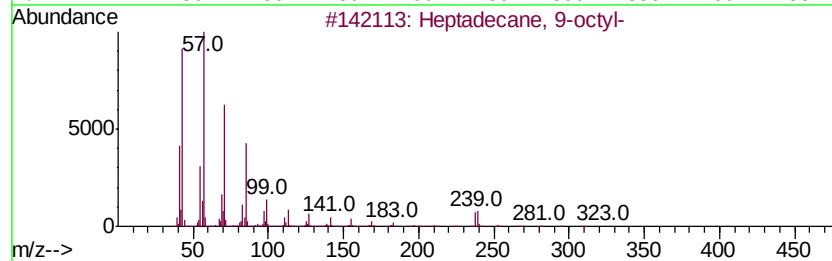
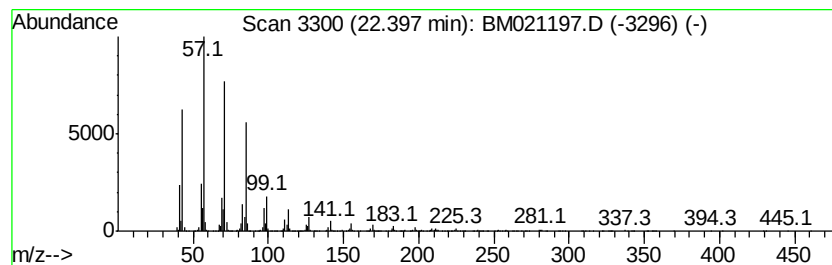
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.40 | 9.05 ng/ul | 1637540 | Chrysene-d12     | 21.34 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 95   |
| 2    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6 | 91   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

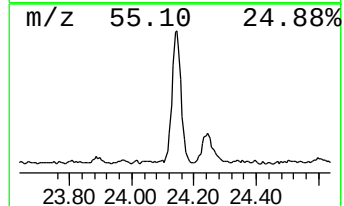
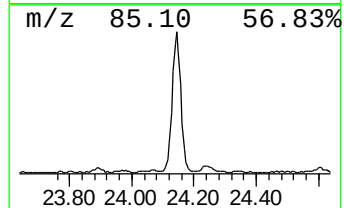
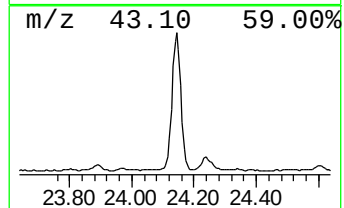
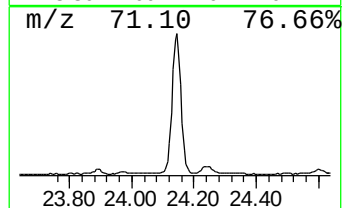
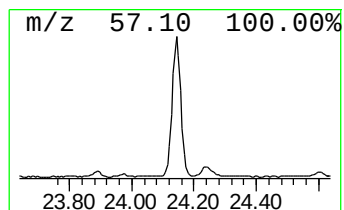
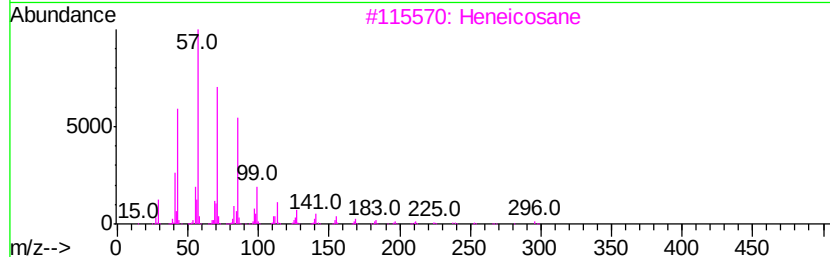
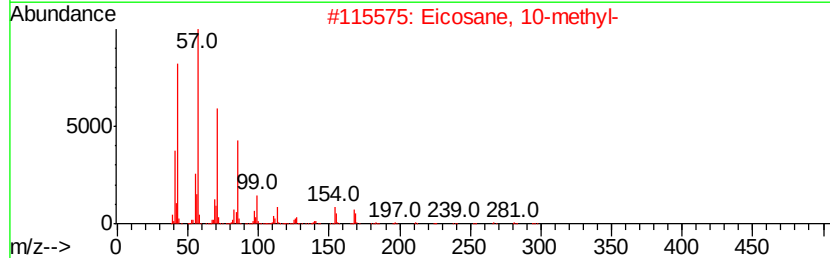
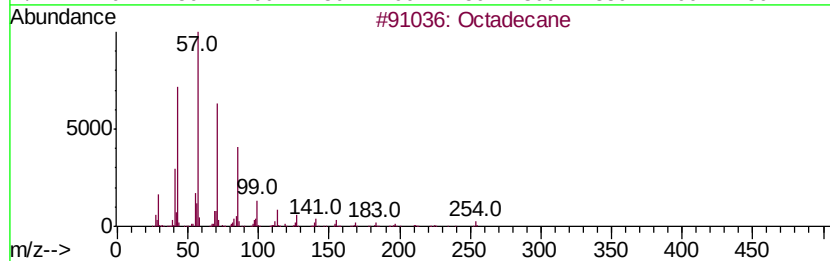
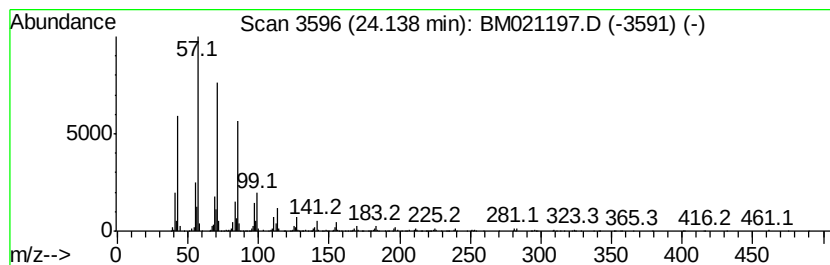
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 24.14 | 11.52 ng/ul | 1778180 | Perylene-d12     | 23.62 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane             | 254 | C18H38  | 000593-45-3 | 96   |
| 2    |    |   | Eicosane, 10-methyl-   | 296 | C21H44  | 054833-23-7 | 93   |
| 3    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    |   | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |    |   | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

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

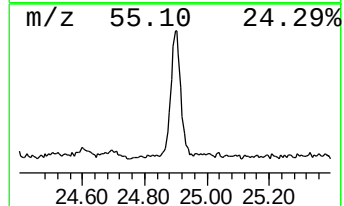
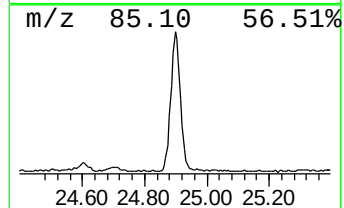
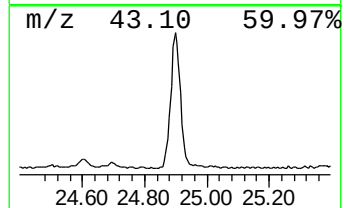
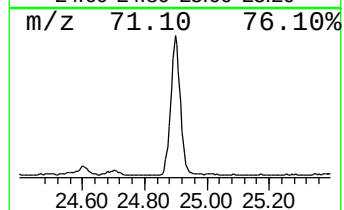
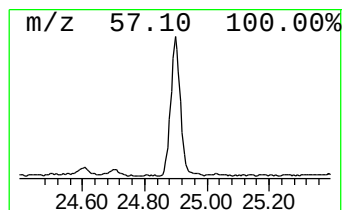
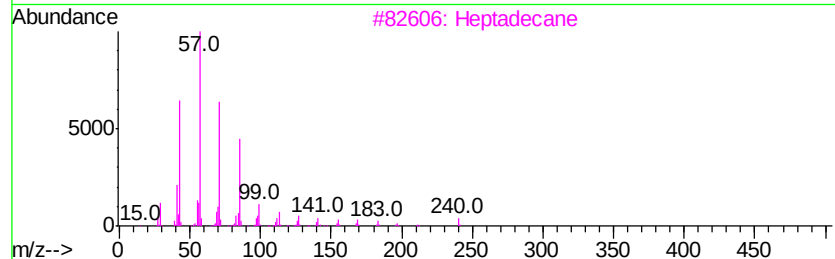
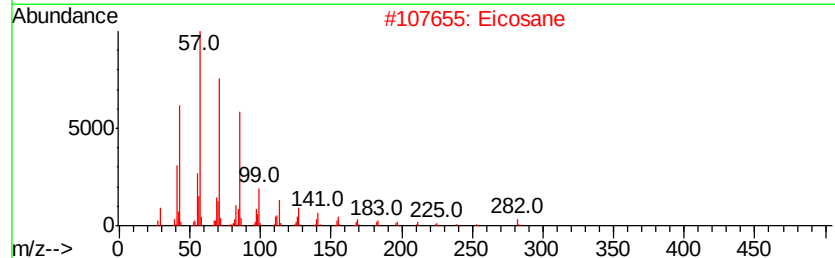
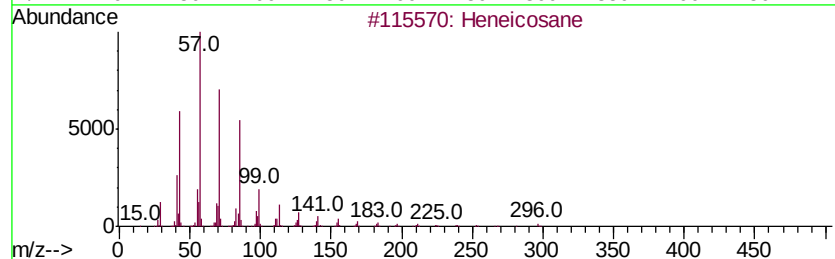
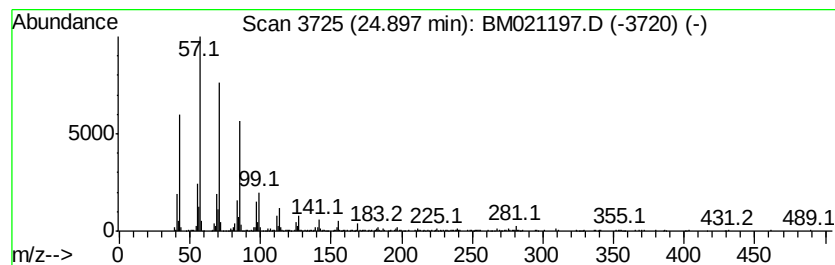
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.90 | 7.13 ng/ul | 1101120 | Perylene-d12     | 23.62 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7 | 94   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Heptadecane           | 240 | C17H36  | 000629-78-7 | 93   |
| 4    |    | Hexacosane, 9-octyl-  | 479 | C34H70  | 055429-83-9 | 91   |
| 5    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062519\  
Data File : BM021197.D  
Acq On : 26 Jun 2019 18:17  
Operator : HP/JU  
Sample : K3501-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AB9

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  | 80.8    | ng/ul | 5299010  | 1                     | 7.76  | 1310830 | 20.0 |
| Cyclotrisiloxane,... | 4.41  | 10.1    | ng/ul | 661510   | 1                     | 7.76  | 1310830 | 20.0 |
| Cyclotetrasiloxan... | 6.87  | 6.9     | ng/ul | 450500   | 1                     | 7.76  | 1310830 | 20.0 |
| Cyclopentasiloxan... | 9.30  | 2.8     | ng/ul | 296590   | 2                     | 10.55 | 2097820 | 20.0 |
| Cyclohexasiloxane... | 11.79 | 2.3     | ng/ul | 243410   | 2                     | 10.55 | 2097820 | 20.0 |
| n-Hexadecanoic acid  | 18.05 | 9.3     | ng/ul | 1769300  | 4                     | 17.16 | 3816710 | 20.0 |
| Octadecanoic acid    | 19.33 | 3.3     | ng/ul | 603712   | 5                     | 21.34 | 3619480 | 20.0 |
| (DEL) Alkane: Cyc... | 21.05 | 6.6     | ng/ul | 1194830  | 5                     | 21.34 | 3619480 | 20.0 |
| (DEL) Alkane: Str... | 21.49 | 3.4     | ng/ul | 612776   | 5                     | 21.34 | 3619480 | 20.0 |
| 2-Bromo dodecane     | 21.93 | 6.5     | ng/ul | 1179810  | 5                     | 21.34 | 3619480 | 20.0 |
| (DEL) Alkane: Str... | 22.40 | 9.1     | ng/ul | 1637540  | 5                     | 21.34 | 3619480 | 20.0 |
| (DEL) Alkane: Str... | 24.14 | 11.5    | ng/ul | 1778180  | 6                     | 23.62 | 3086860 | 20.0 |
| (DEL) Alkane: Str... | 24.90 | 7.1     | ng/ul | 1101120  | 6                     | 23.62 | 3086860 | 20.0 |