

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
 Data File : BM023611.D  
 Acq On : 05 Nov 2019 17:11  
 Operator : JU  
 Sample : K5567-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLND0

## 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-BM102319MA.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         | 6.781       | 641           | 645         | 657          | rVB3     | 297323         | 654215        | 8.36%           | 0.652%        |
| 2         | 6.945       | 668           | 673         | 686          | rVB      | 695864         | 1147360       | 14.67%          | 1.143%        |
| 3         | 7.134       | 700           | 705         | 714          | rVB      | 780728         | 1294212       | 16.55%          | 1.289%        |
| 4         | 7.598       | 778           | 784         | 793          | rVB      | 1639485        | 2571097       | 32.87%          | 2.561%        |
| 5         | 8.310       | 900           | 905         | 914          | rVB      | 616439         | 997746        | 12.76%          | 0.994%        |
| 6         | 8.745       | 973           | 979         | 992          | rVB      | 892747         | 1532301       | 19.59%          | 1.526%        |
| 7         | 9.210       | 1055          | 1058        | 1066         | rVB2     | 47112          | 75557         | 0.97%           | 0.075%        |
| 8         | 9.469       | 1095          | 1102        | 1111         | rBV      | 644300         | 1090801       | 13.95%          | 1.086%        |
| 9         | 9.892       | 1170          | 1174        | 1181         | rVB3     | 49148          | 90911         | 1.16%           | 0.091%        |
| 10        | 10.004      | 1187          | 1193        | 1207         | rVB      | 1010581        | 1714710       | 21.92%          | 1.708%        |
| 11        | 10.375      | 1249          | 1256        | 1266         | rVB      | 2271050        | 3767369       | 48.17%          | 3.752%        |
| 12        | 10.528      | 1278          | 1282        | 1287         | rVB4     | 25638          | 46240         | 0.59%           | 0.046%        |
| 13        | 11.028      | 1365          | 1367        | 1373         | rVB3     | 23512          | 36000         | 0.46%           | 0.036%        |
| 14        | 11.704      | 1479          | 1482        | 1486         | rBV4     | 14811          | 19357         | 0.25%           | 0.019%        |
| 15        | 11.828      | 1501          | 1503        | 1509         | rVB4     | 9582           | 12589         | 0.16%           | 0.013%        |
| 16        | 11.904      | 1510          | 1516        | 1521         | rVV3     | 32242          | 58783         | 0.75%           | 0.059%        |
| 17        | 11.975      | 1523          | 1528        | 1536         | rVB4     | 22526          | 44421         | 0.57%           | 0.044%        |
| 18        | 12.604      | 1633          | 1635        | 1639         | rBV5     | 6584           | 8650          | 0.11%           | 0.009%        |
| 19        | 12.810      | 1664          | 1670        | 1672         | rVB5     | 5867           | 10150         | 0.13%           | 0.010%        |
| 20        | 12.863      | 1674          | 1679        | 1683         | rVB7     | 15049          | 23380         | 0.30%           | 0.023%        |
| 21        | 13.045      | 1705          | 1710        | 1715         | rVB8     | 8066           | 14059         | 0.18%           | 0.014%        |
| 22        | 13.092      | 1715          | 1718        | 1723         | rVB4     | 18223          | 26417         | 0.34%           | 0.026%        |
| 23        | 13.163      | 1723          | 1730        | 1737         | rBV4     | 51734          | 90242         | 1.15%           | 0.090%        |
| 24        | 13.227      | 1737          | 1741        | 1744         | rBV6     | 8133           | 11885         | 0.15%           | 0.012%        |
| 25        | 13.498      | 1782          | 1787        | 1789         | rBV5     | 7113           | 10334         | 0.13%           | 0.010%        |
| 26        | 13.539      | 1789          | 1794        | 1796         | rBV6     | 7612           | 10832         | 0.14%           | 0.011%        |
| 27        | 13.669      | 1809          | 1816        | 1820         | rBV      | 1986951        | 2795757       | 35.74%          | 2.785%        |
| 28        | 13.710      | 1820          | 1823        | 1829         | rVV      | 540095         | 803686        | 10.28%          | 0.800%        |
| 29        | 13.757      | 1829          | 1831        | 1835         | rVV4     | 36627          | 64693         | 0.83%           | 0.064%        |
| 30        | 13.798      | 1835          | 1838        | 1847         | rVB4     | 71208          | 111656        | 1.43%           | 0.111%        |
| 31        | 13.939      | 1854          | 1862        | 1872         | rBV      | 2376232        | 3643459       | 46.58%          | 3.629%        |
| 32        | 14.016      | 1872          | 1875        | 1880         | rVB4     | 14312          | 25571         | 0.33%           | 0.025%        |
| 33        | 14.174      | 1898          | 1902        | 1906         | rVB2     | 24600          | 33998         | 0.43%           | 0.034%        |
| 34        | 14.251      | 1907          | 1915        | 1928         | rBV      | 3333762        | 5039262       | 64.43%          | 5.019%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
 Data File : BM023611.D  
 Acq On : 05 Nov 2019 17:11  
 Operator : JU  
 Sample : K5567-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLND0

## 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-BM102319MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 14.469 | 1945 | 1952 | 1964 | rBV5  | 120316  | 347155  | 4.44%  | 0.346% |
| 36 | 14.621 | 1974 | 1978 | 1981 | rBV6  | 10979   | 14449   | 0.18%  | 0.014% |
| 37 | 14.692 | 1983 | 1990 | 1997 | rBV6  | 44972   | 76616   | 0.98%  | 0.076% |
| 38 | 14.798 | 2003 | 2008 | 2014 | rVB10 | 16586   | 31615   | 0.40%  | 0.031% |
| 39 | 14.863 | 2014 | 2019 | 2023 | rVV8  | 11019   | 20340   | 0.26%  | 0.020% |
| 40 | 14.921 | 2025 | 2029 | 2036 | rVB7  | 29419   | 48377   | 0.62%  | 0.048% |
| 41 | 15.004 | 2041 | 2043 | 2048 | rBV5  | 10251   | 16137   | 0.21%  | 0.016% |
| 42 | 15.080 | 2051 | 2056 | 2061 | rBV2  | 79437   | 134845  | 1.72%  | 0.134% |
| 43 | 15.133 | 2061 | 2065 | 2070 | rVB   | 38358   | 49458   | 0.63%  | 0.049% |
| 44 | 15.245 | 2078 | 2084 | 2097 | rBV   | 3075018 | 4441107 | 56.78% | 4.423% |
| 45 | 15.374 | 2100 | 2106 | 2112 | rBV   | 558597  | 824494  | 10.54% | 0.821% |
| 46 | 15.433 | 2112 | 2116 | 2121 | rVV   | 99866   | 157583  | 2.01%  | 0.157% |
| 47 | 15.486 | 2121 | 2125 | 2130 | rVB3  | 39003   | 53638   | 0.69%  | 0.053% |
| 48 | 15.580 | 2137 | 2141 | 2146 | rBV7  | 11141   | 22376   | 0.29%  | 0.022% |
| 49 | 15.839 | 2180 | 2185 | 2191 | rBV10 | 15294   | 31777   | 0.41%  | 0.032% |
| 50 | 15.939 | 2199 | 2202 | 2207 | rBV6  | 16230   | 27046   | 0.35%  | 0.027% |
| 51 | 15.998 | 2208 | 2212 | 2214 | rBV2  | 50679   | 62571   | 0.80%  | 0.062% |
| 52 | 16.262 | 2255 | 2257 | 2260 | rBV4  | 8198    | 8152    | 0.10%  | 0.008% |
| 53 | 16.421 | 2280 | 2284 | 2286 | rVB6  | 10451   | 14409   | 0.18%  | 0.014% |
| 54 | 16.515 | 2294 | 2300 | 2305 | rBV7  | 35308   | 66648   | 0.85%  | 0.066% |
| 55 | 16.786 | 2342 | 2346 | 2352 | rBV4  | 74986   | 122164  | 1.56%  | 0.122% |
| 56 | 16.998 | 2375 | 2382 | 2392 | rBV   | 4152631 | 5877344 | 75.14% | 5.854% |
| 57 | 17.098 | 2392 | 2399 | 2412 | rVV   | 3319794 | 4872482 | 62.30% | 4.853% |
| 58 | 17.304 | 2431 | 2434 | 2437 | rBV   | 28147   | 29378   | 0.38%  | 0.029% |
| 59 | 17.527 | 2468 | 2472 | 2476 | rVB   | 76747   | 86397   | 1.10%  | 0.086% |
| 60 | 17.921 | 2534 | 2539 | 2546 | rBV   | 867971  | 1327758 | 16.98% | 1.322% |
| 61 | 18.221 | 2586 | 2590 | 2593 | rBV   | 131647  | 158877  | 2.03%  | 0.158% |
| 62 | 18.856 | 2695 | 2698 | 2706 | rBV   | 239517  | 334351  | 4.27%  | 0.333% |
| 63 | 19.056 | 2730 | 2732 | 2735 | rBV   | 81270   | 93040   | 1.19%  | 0.093% |
| 64 | 19.209 | 2754 | 2758 | 2767 | rBV   | 652703  | 1137645 | 14.54% | 1.133% |
| 65 | 19.398 | 2785 | 2790 | 2795 | rBV   | 4383642 | 5661567 | 72.38% | 5.639% |
| 66 | 19.445 | 2795 | 2798 | 2801 | rVV   | 412695  | 465719  | 5.95%  | 0.464% |
| 67 | 19.474 | 2801 | 2803 | 2809 | rVB   | 368917  | 415814  | 5.32%  | 0.414% |
| 68 | 19.980 | 2885 | 2889 | 2893 | rBV   | 856063  | 948735  | 12.13% | 0.945% |
| 69 | 20.474 | 2970 | 2973 | 2977 | rBV   | 1352799 | 1512164 | 19.33% | 1.506% |
| 70 | 20.939 | 3049 | 3052 | 3057 | rBV   | 2635360 | 2983827 | 38.15% | 2.972% |
| 71 | 21.197 | 3091 | 3096 | 3103 | rBV   | 5625494 | 7128525 | 91.14% | 7.100% |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

## 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-BM102319MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |         |         |         |        |
|----|--------|------|------|------|-----|---------|---------|---------|--------|
| 72 | 21.380 | 3123 | 3127 | 3131 | rBV | 2768193 | 3094051 | 39.56%  | 3.082% |
| 73 | 21.803 | 3196 | 3199 | 3208 | rVB | 2720099 | 3226686 | 41.25%  | 3.214% |
| 74 | 22.262 | 3272 | 3277 | 3285 | rBV | 2661093 | 3718461 | 47.54%  | 3.703% |
| 75 | 22.756 | 3357 | 3361 | 3366 | rVB | 2372347 | 3118513 | 39.87%  | 3.106% |
| 76 | 23.244 | 3439 | 3444 | 3450 | rBV | 3293725 | 6026340 | 77.05%  | 6.002% |
| 77 | 23.309 | 3451 | 3455 | 3461 | rVV | 1918698 | 3133202 | 40.06%  | 3.121% |
| 78 | 23.386 | 3462 | 3468 | 3477 | rVB | 4337230 | 7821568 | 100.00% | 7.790% |
| 79 | 23.944 | 3558 | 3563 | 3572 | rVB | 1447900 | 2783105 | 35.58%  | 2.772% |

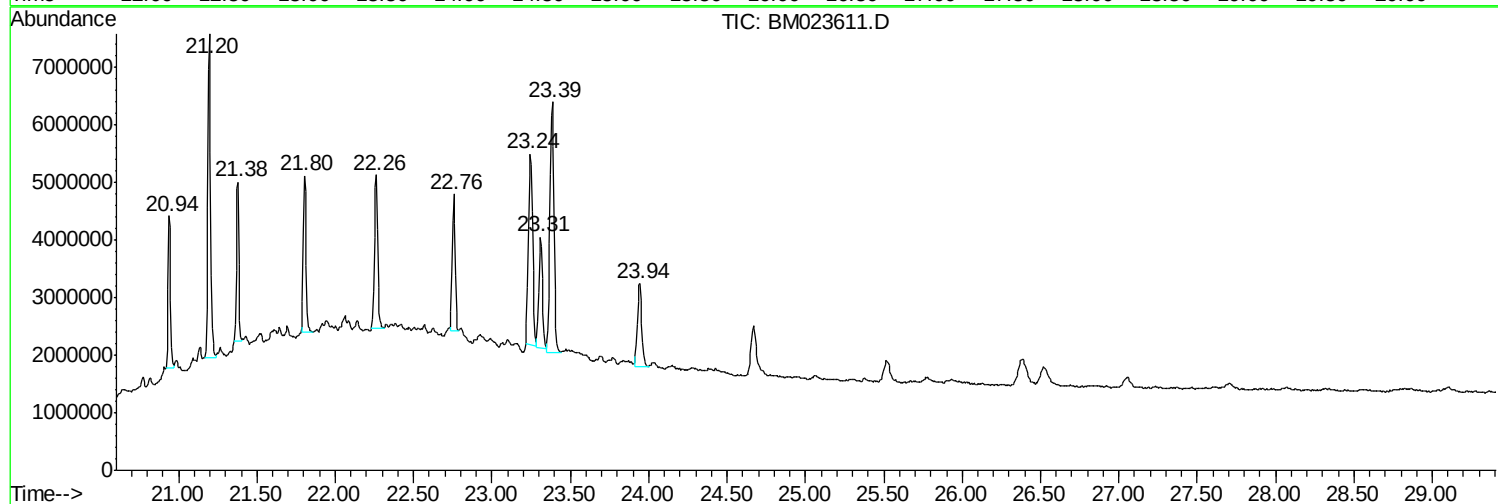
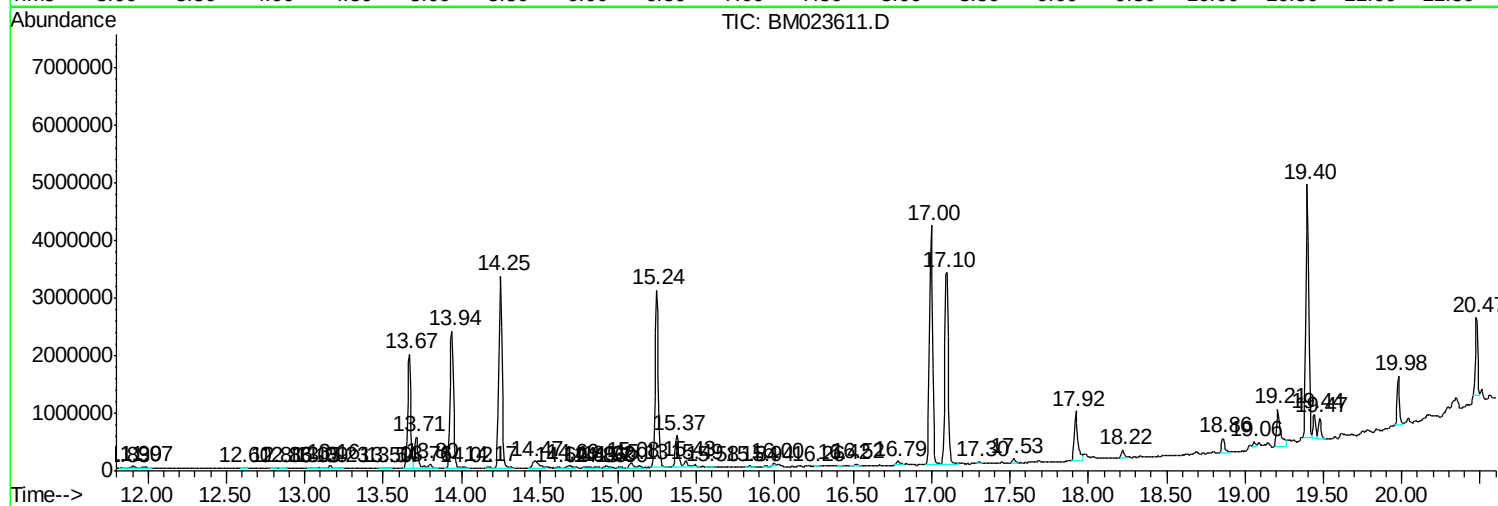
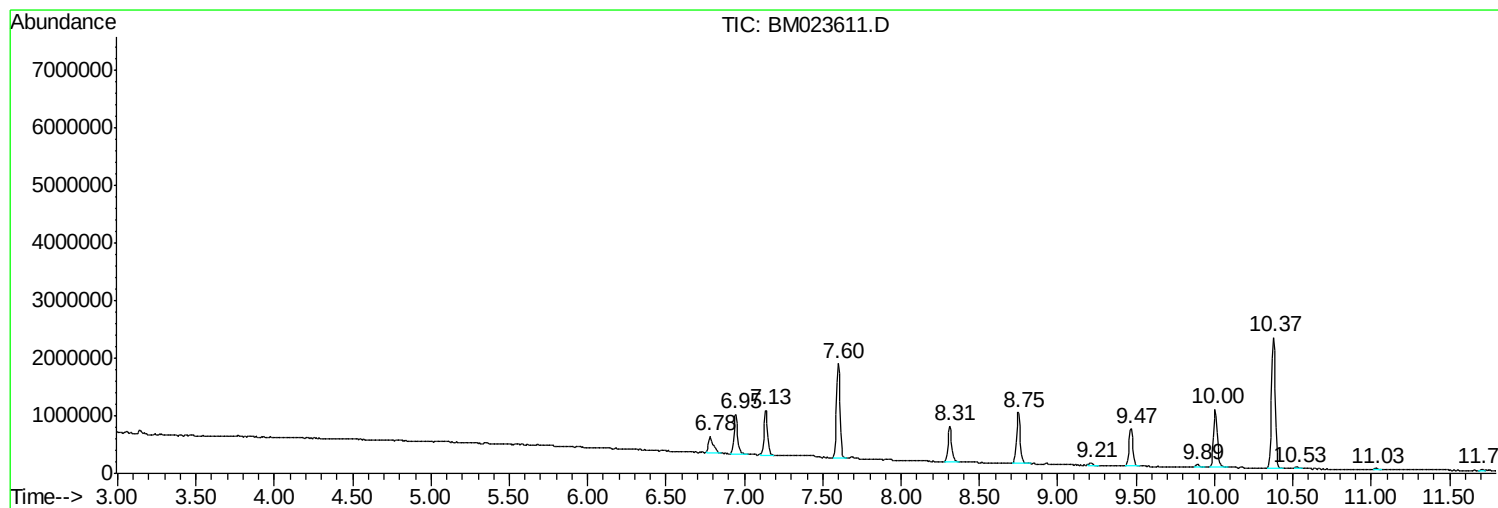
Sum of corrected areas: 100404206

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

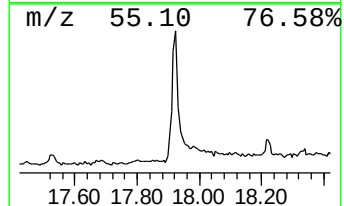
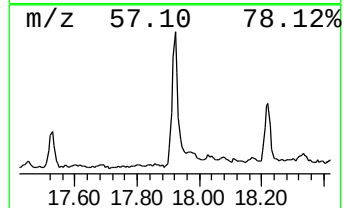
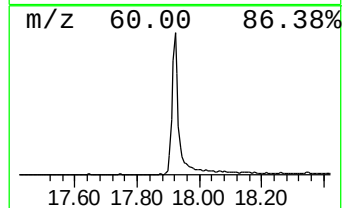
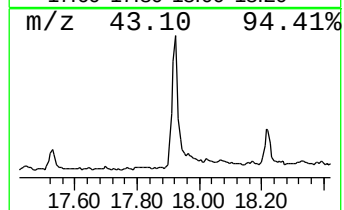
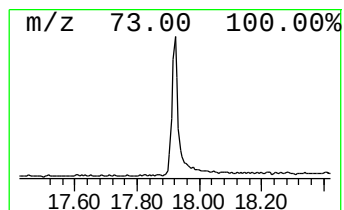
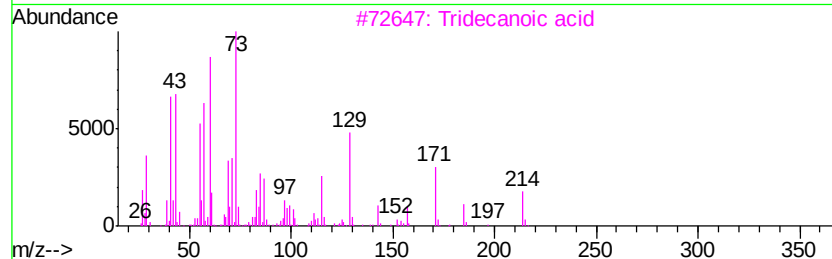
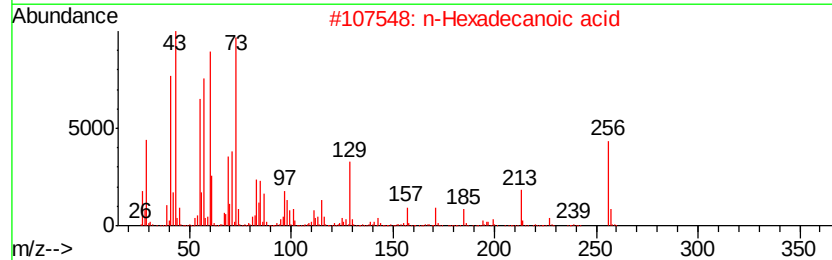
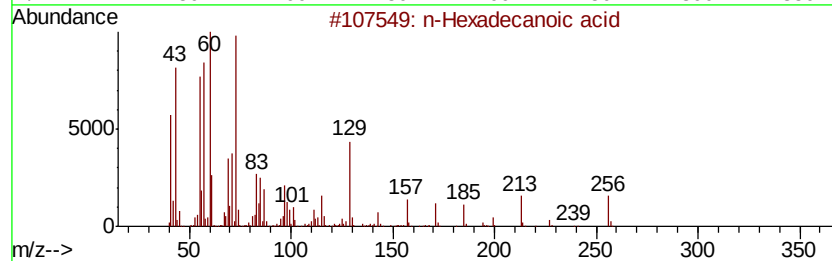
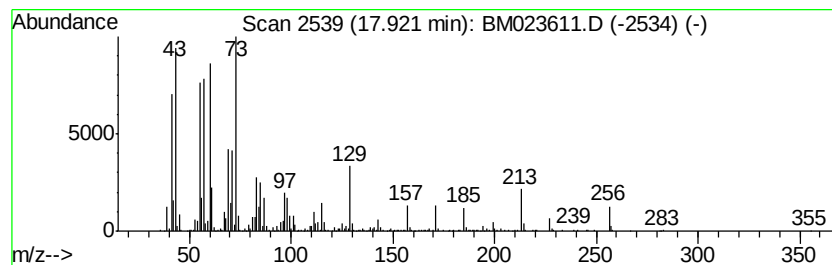
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 17.92 | 4.52 ng/ul | 1327760 | Phenanthrene-d10 | 17.00 |

| 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 | 98   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

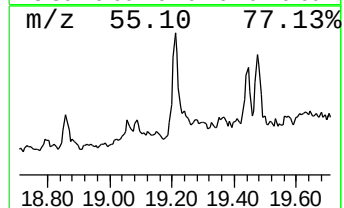
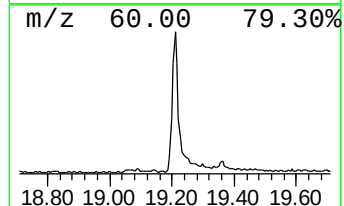
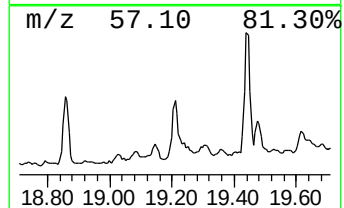
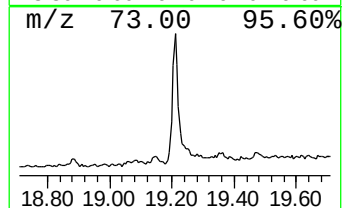
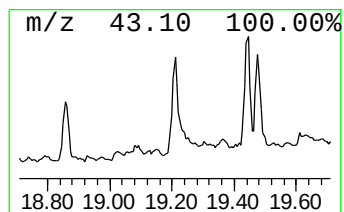
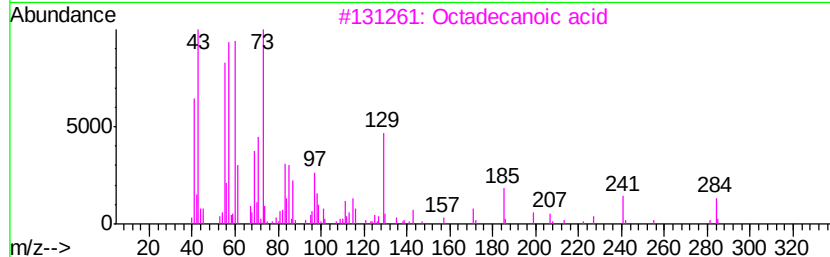
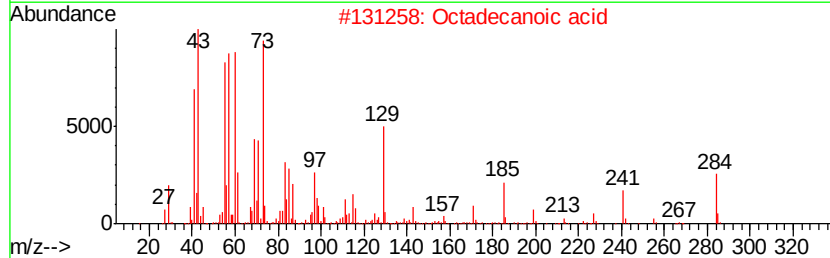
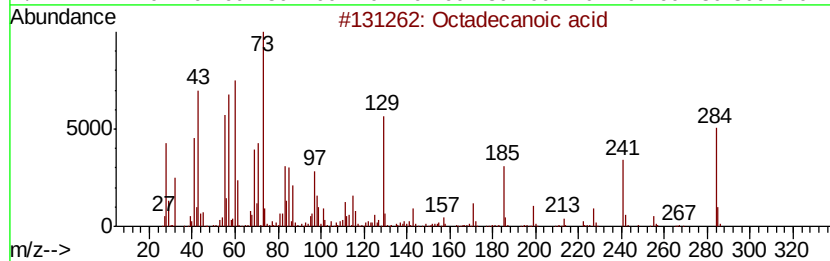
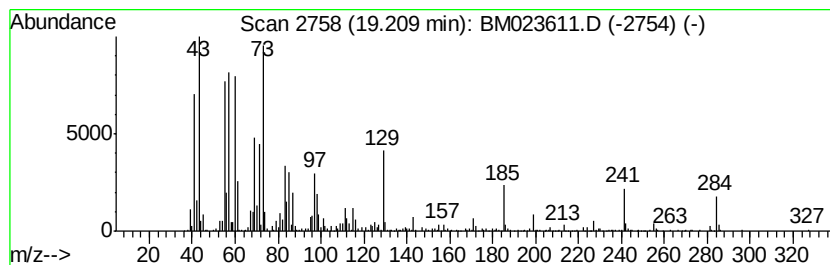
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Octadecanoic acid Concentration Rank 10

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 19.21 | 3.19 ng/ul | 1137650 | Chrysene-d12     | 21.20 |

| 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 | 99   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

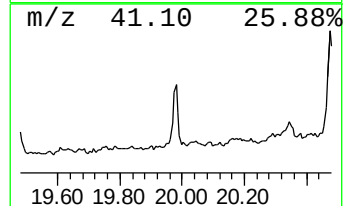
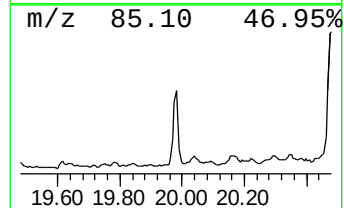
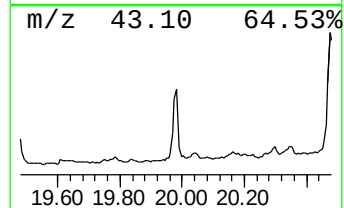
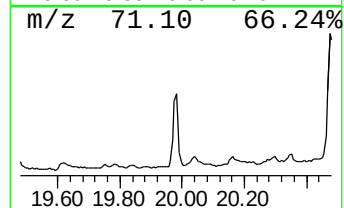
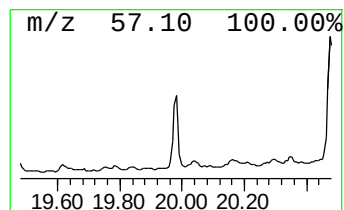
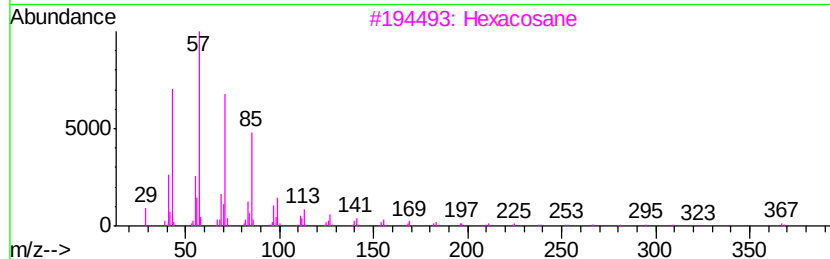
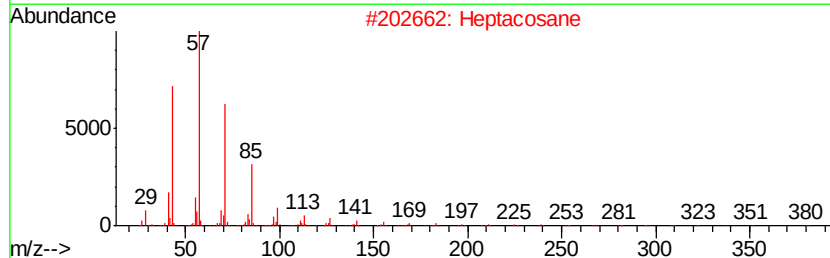
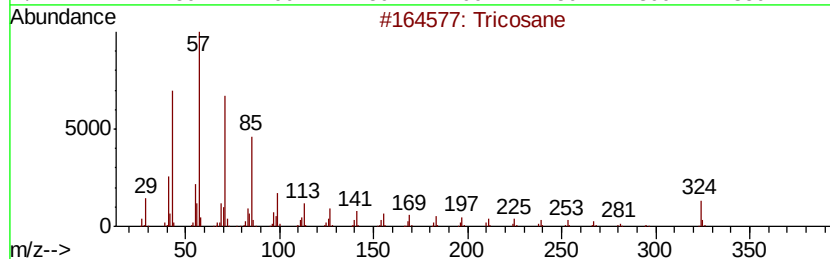
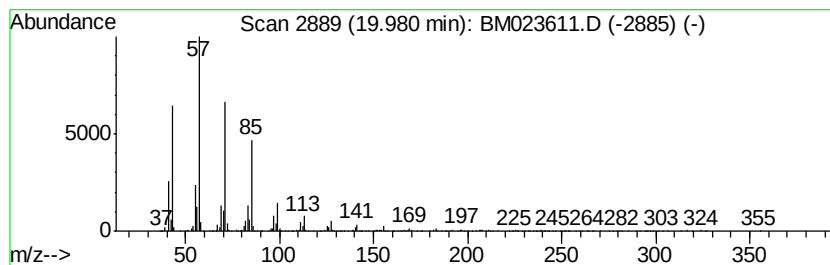
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.98 | 2.66 ng/ul | 948735 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Tricosane    | 324 | C23H48  | 000638-67-5 | 93   |
| 2    |    | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

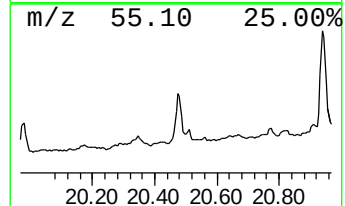
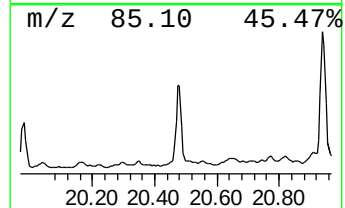
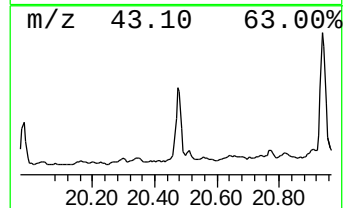
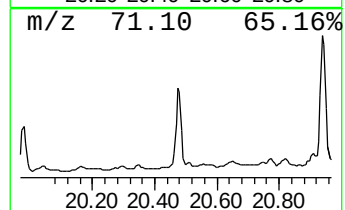
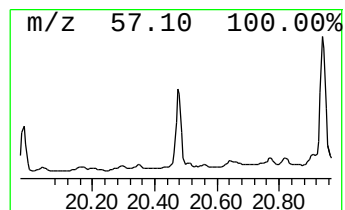
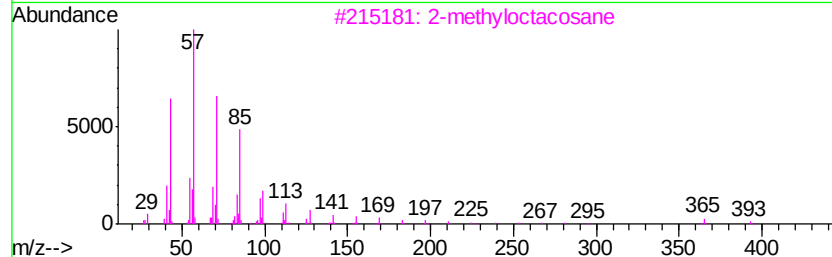
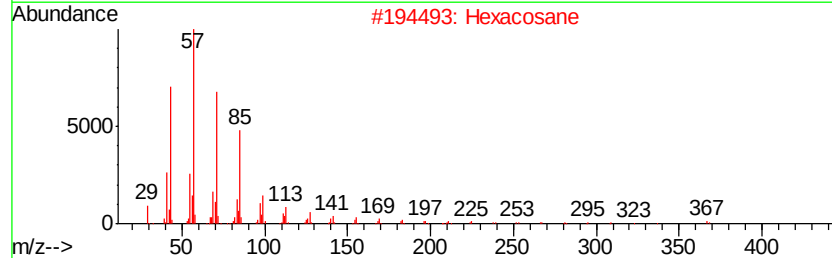
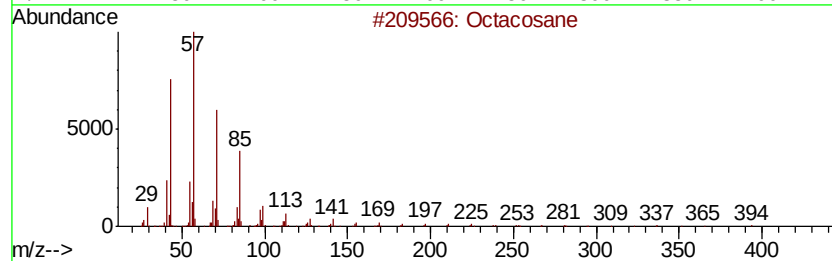
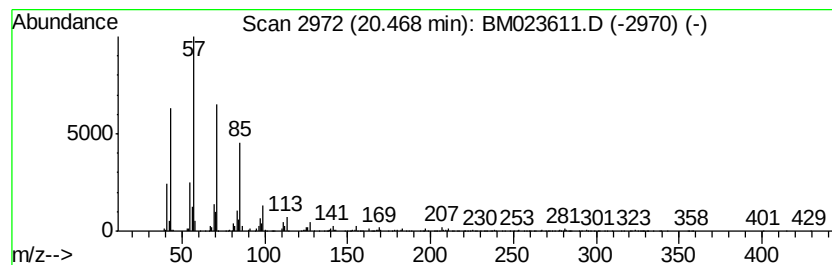
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.47 | 4.24 ng/ul | 1512160 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Octacosane         | 394 | C28H58  | 000630-02-4  | 91   |
| 2    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Hexadecane         | 226 | C16H34  | 000544-76-3  | 91   |
| 5    |    | Octadecane         | 254 | C18H38  | 000593-45-3  | 90   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

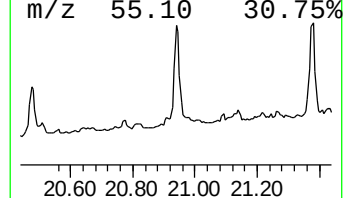
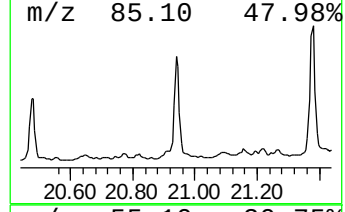
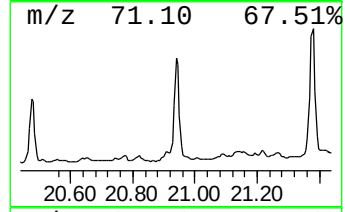
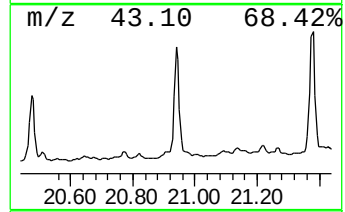
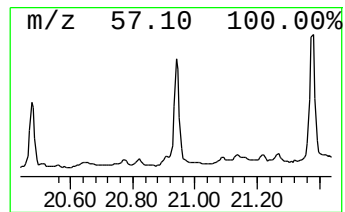
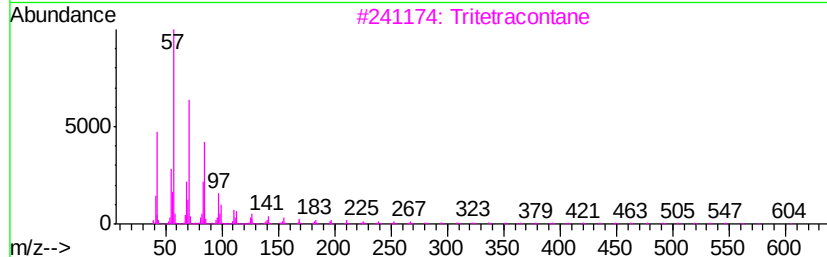
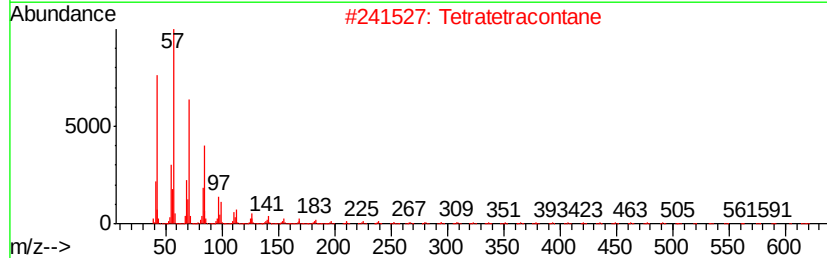
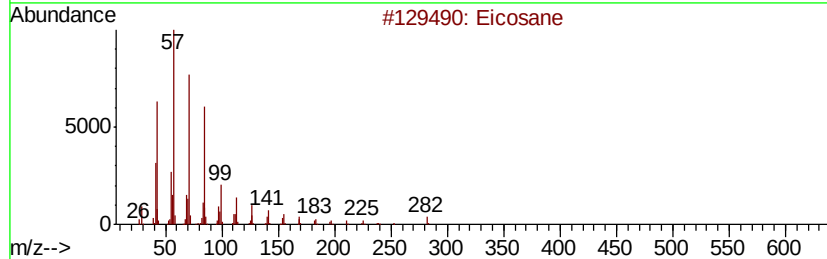
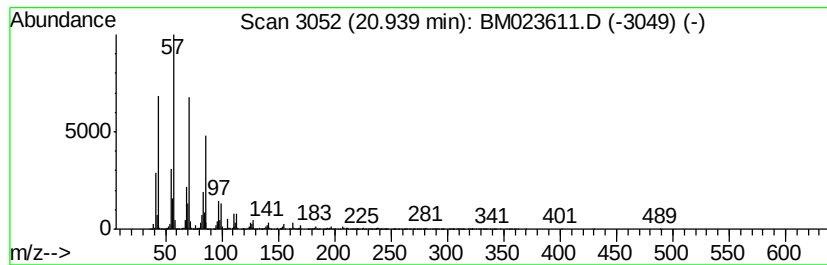
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.94 | 8.37 ng/ul | 2983830 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane          | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 91   |
| 3    |    | Tritetracontane   | 605 | C43H88  | 007098-21-7 | 91   |
| 4    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 87   |
| 5    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

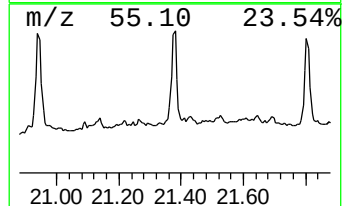
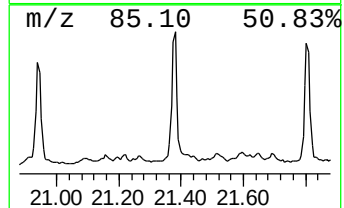
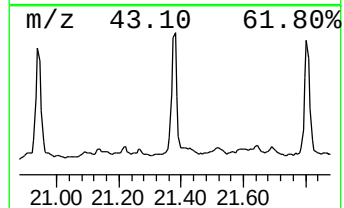
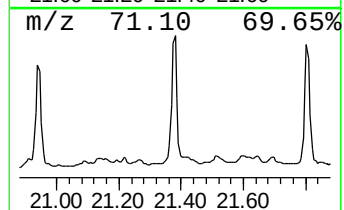
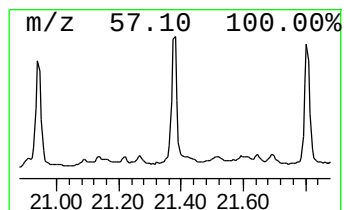
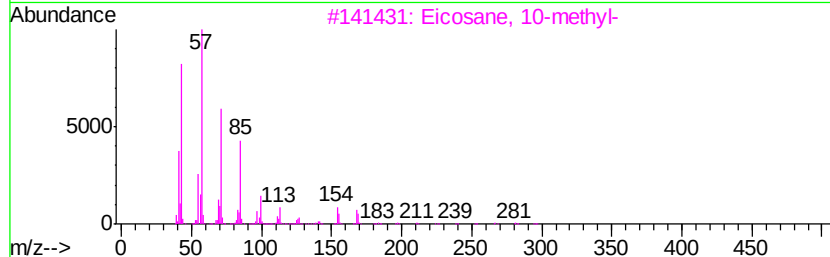
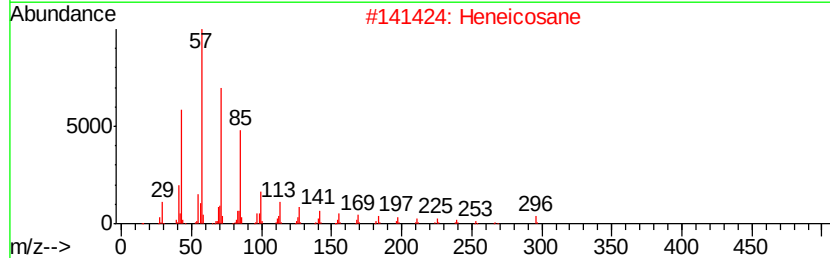
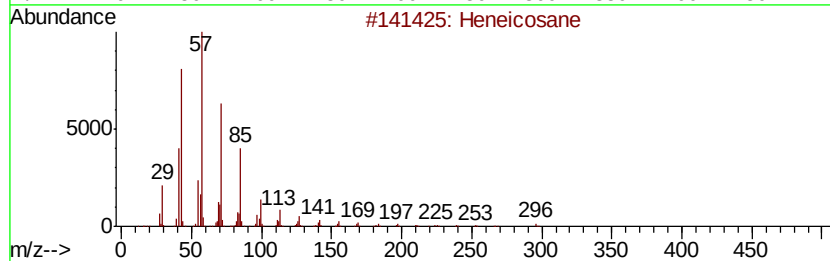
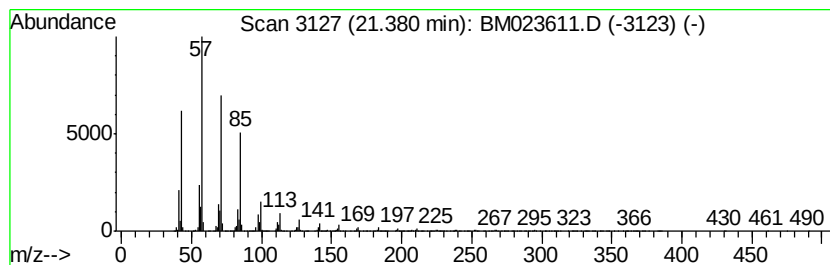
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.38 | 8.68 ng/ul | 3094050 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7 | 97   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 97   |
| 3    |    | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 94   |
| 4    |    | Docosane, 9-butyl-    | 366 | C26H54  | 055282-14-9 | 94   |
| 5    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

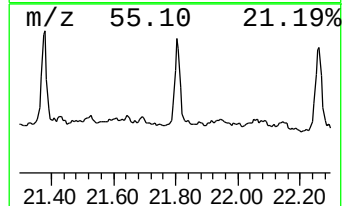
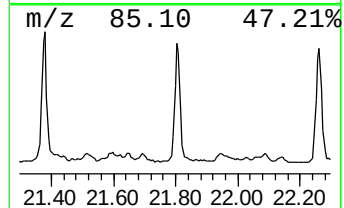
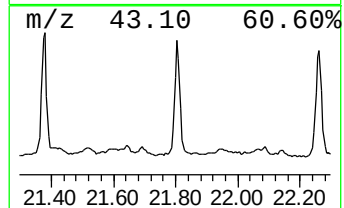
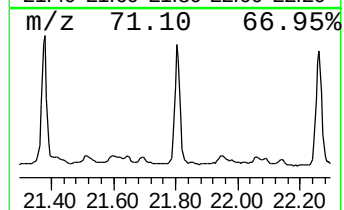
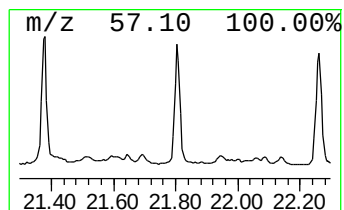
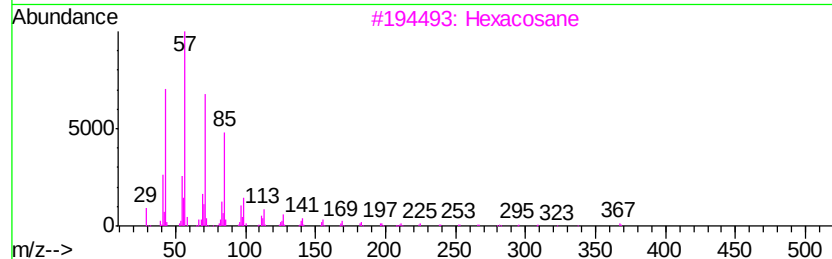
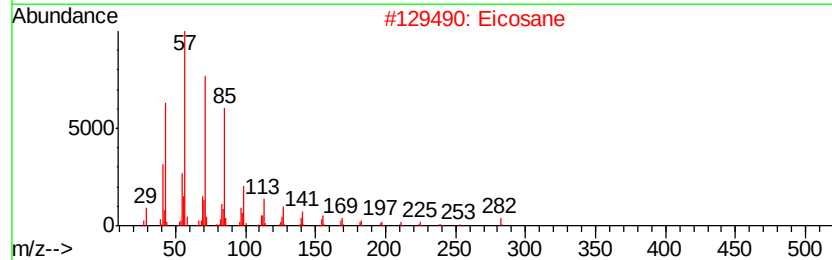
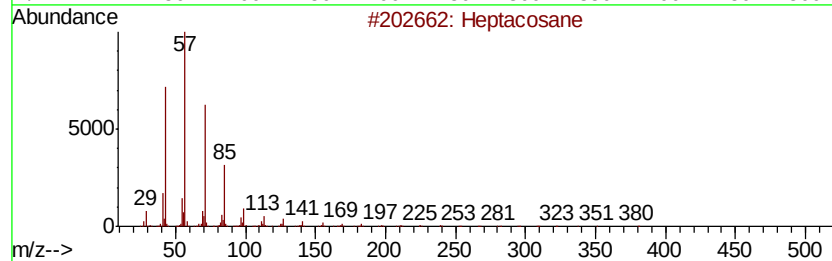
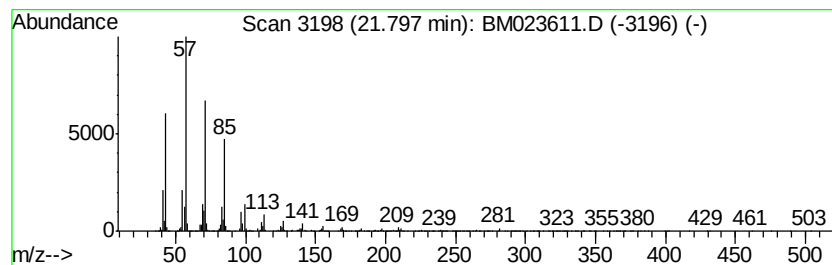
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.80 | 9.05 ng/ul | 3226690 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane         | 380 | C27H56  | 000593-49-7 | 96   |
| 2    |    | Eicosane            | 282 | C20H42  | 000112-95-8 | 94   |
| 3    |    | Hexacosane          | 366 | C26H54  | 000630-01-3 | 94   |
| 4    |    | Tridecane, 7-hexyl- | 268 | C19H40  | 007225-66-3 | 93   |
| 5    |    | Eicosane            | 282 | C20H42  | 000112-95-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

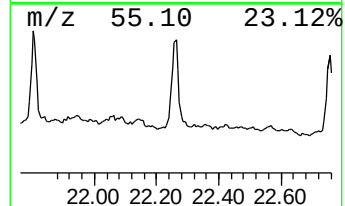
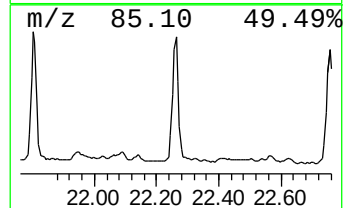
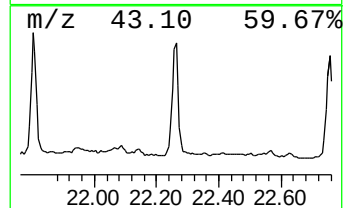
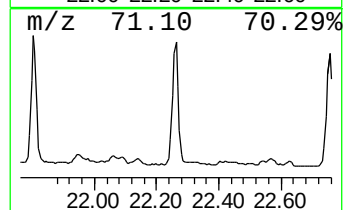
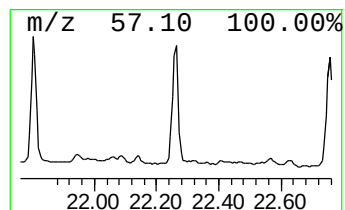
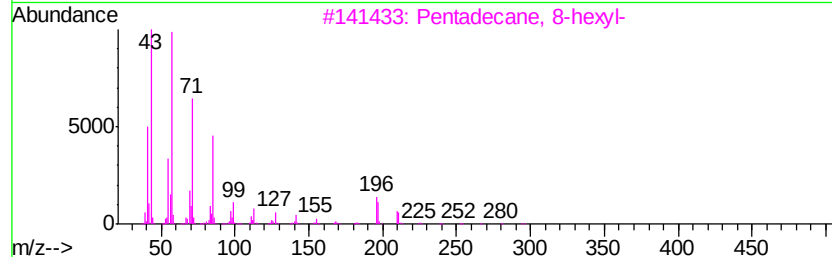
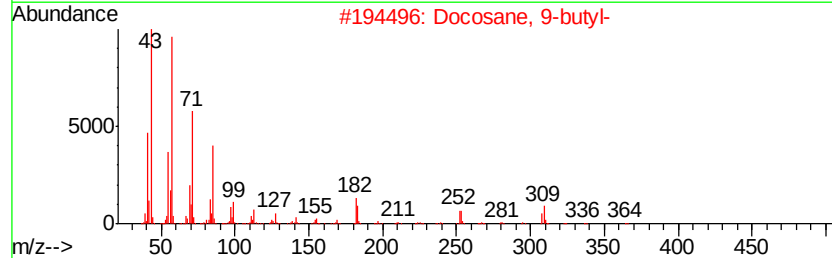
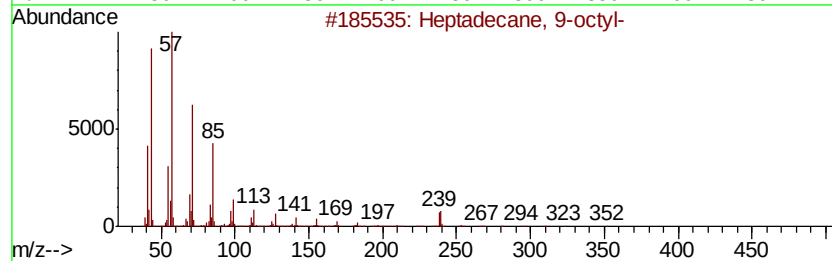
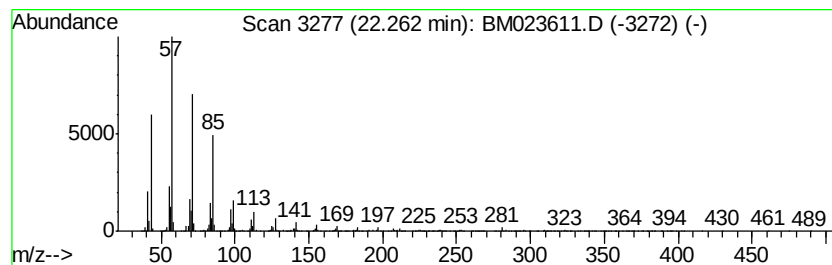
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 22.26 | 10.43 ng/ul | 3718460 | Chrysene-d12     | 21.20 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 95   |
| 2    |    | Docosane, 9-butyl-    | 366 | C26H54  | 055282-14-9 | 95   |
| 3    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 4    |    | Eicosane, 9-octyl-    | 394 | C28H58  | 013475-77-9 | 94   |
| 5    |    | Heptadecane           | 240 | C17H36  | 000629-78-7 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

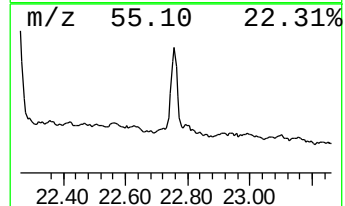
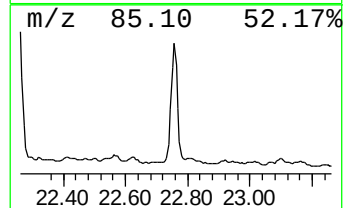
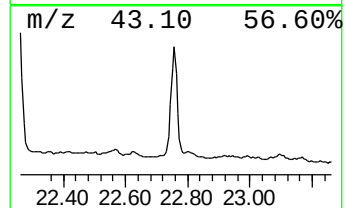
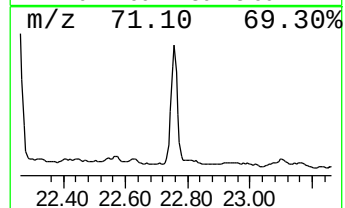
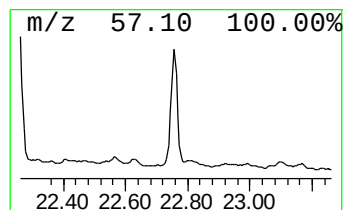
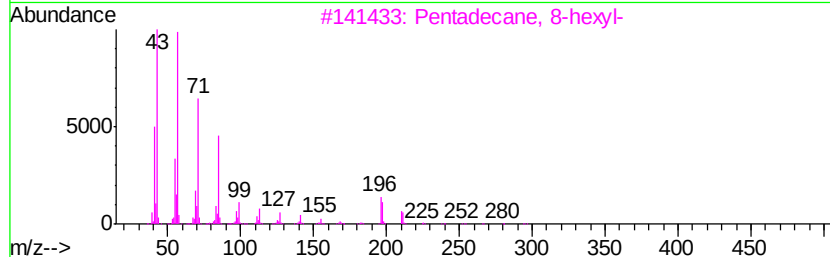
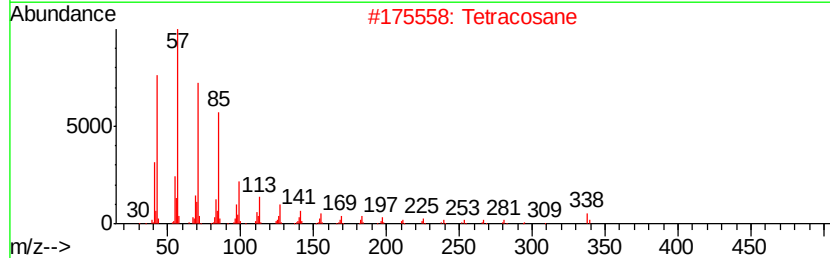
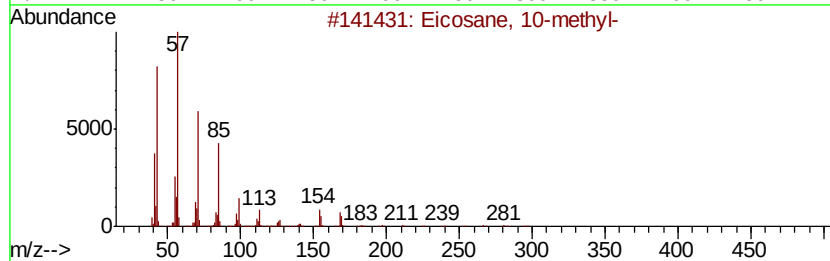
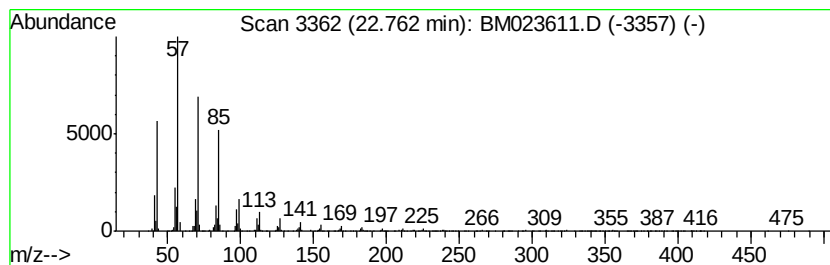
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.76 | 7.97 ng/ul | 3118510 | Perylene-d12     | 23.39 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 94   |
| 2    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 94   |
| 3    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 4    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 93   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

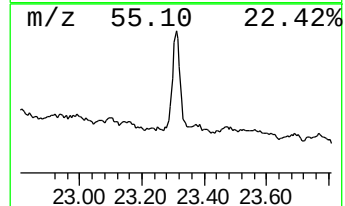
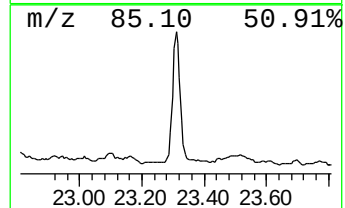
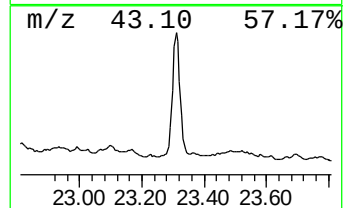
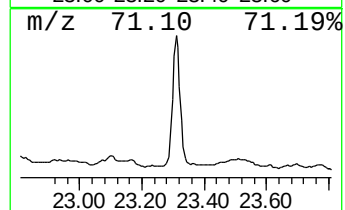
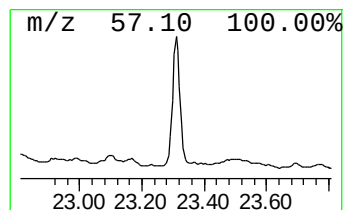
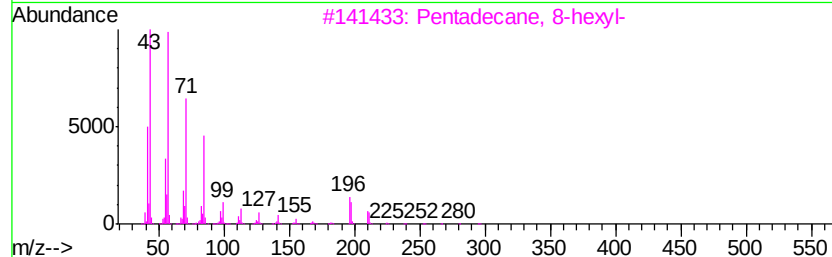
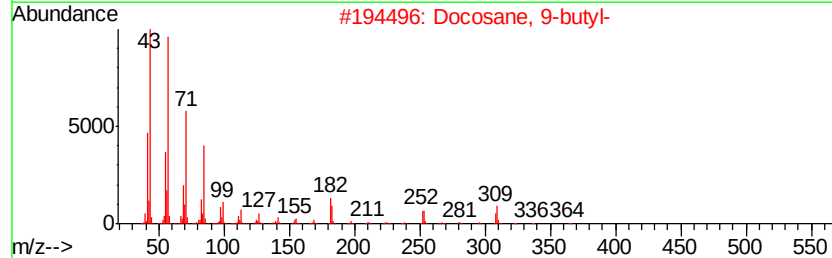
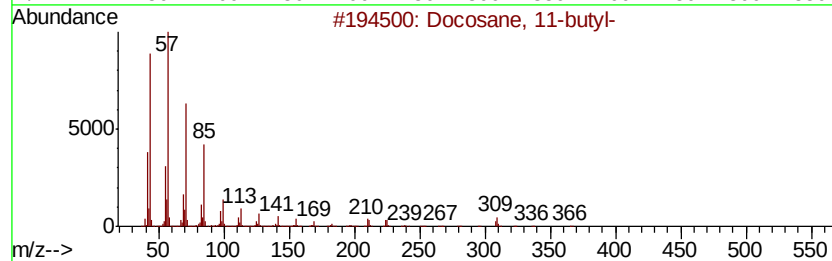
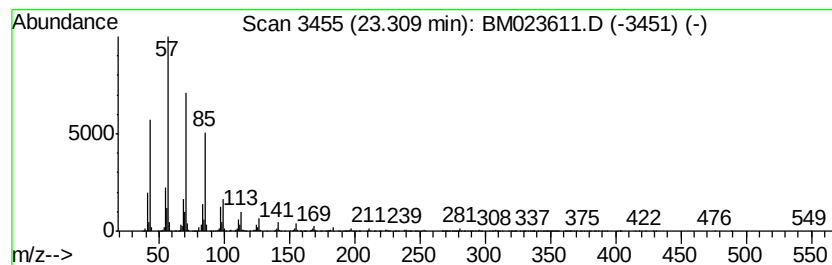
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 23.31 | 8.01 ng/ul | 3133200 | Perylene-d12     | 23.39 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 95   |
| 2    |    | Docosane, 9-butyl-    | 366 | C26H54  | 055282-14-9 | 94   |
| 3    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 4    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 94   |
| 5    |    | Heptadecane           | 240 | C17H36  | 000629-78-7 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\  
Data File : BM023611.D  
Acq On : 05 Nov 2019 17:11  
Operator : JU  
Sample : K5567-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

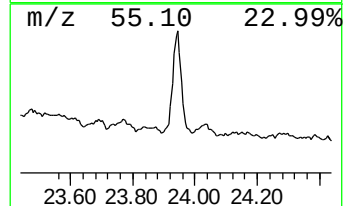
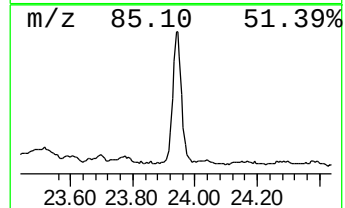
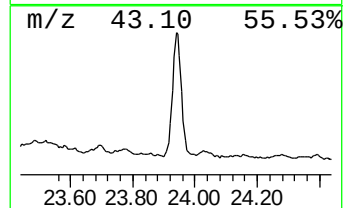
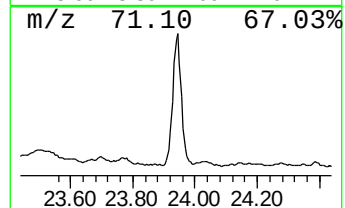
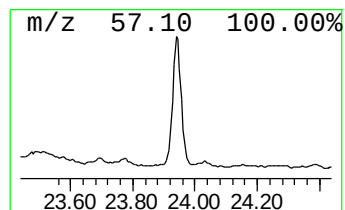
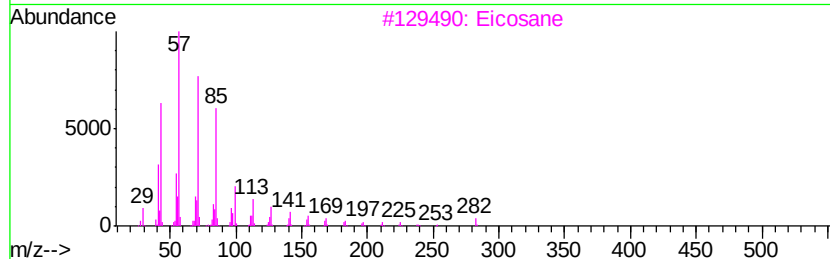
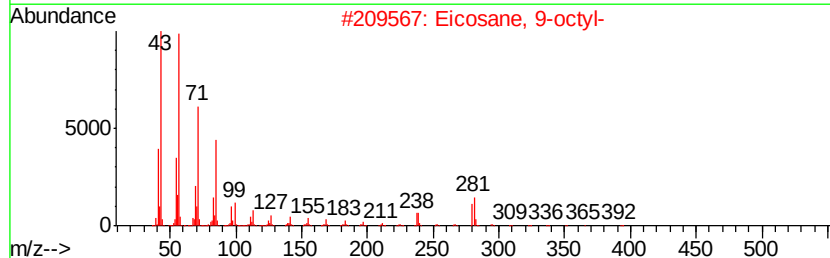
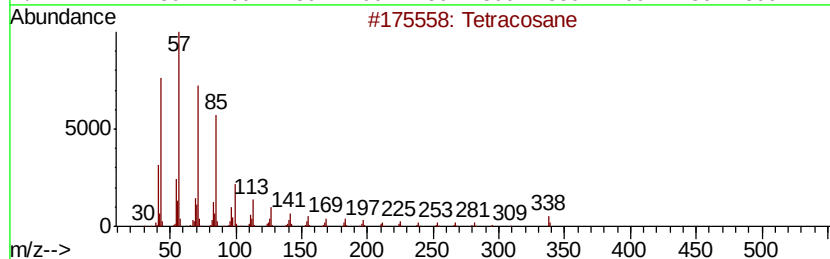
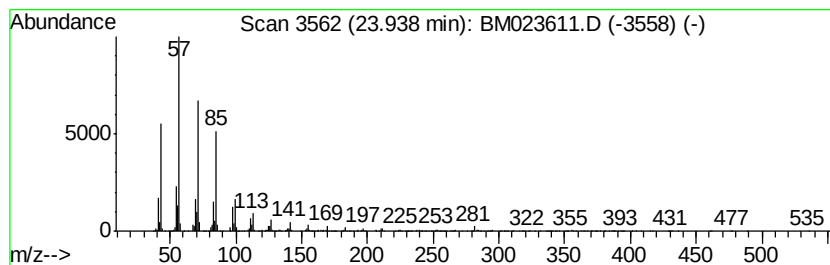
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 23.94 | 7.12 ng/ul | 2783110 | Perylene-d12     | 23.39 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane             | 338 | C24H50  | 000646-31-1 | 96   |
| 2    |    | Eicosane, 9-octyl-      | 394 | C28H58  | 013475-77-9 | 94   |
| 3    |    | Eicosane                | 282 | C20H42  | 000112-95-8 | 94   |
| 4    |    | Docosane, 9-butyl-      | 366 | C26H54  | 055282-14-9 | 93   |
| 5    |    | Heneicosane, 11-pentyl- | 366 | C26H54  | 014739-72-1 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM110519\  
 Data File : BM023611.D  
 Acq On : 05 Nov 2019 17:11  
 Operator : JU  
 Sample : K5567-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLND0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Hexadecanoic acid  | 17.92 | 4.5     | ng/ul | 1327760  | 4                     | 17.00 | 5877340 | 20.0 |
| Octadecanoic acid    | 19.21 | 3.2     | ng/ul | 1137650  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 19.98 | 2.7     | ng/ul | 948735   | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 20.47 | 4.2     | ng/ul | 1512160  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 20.94 | 8.4     | ng/ul | 2983830  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 21.38 | 8.7     | ng/ul | 3094050  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 21.80 | 9.1     | ng/ul | 3226690  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 22.26 | 10.4    | ng/ul | 3718460  | 5                     | 21.20 | 7128530 | 20.0 |
| (DEL) Alkane: Str... | 22.76 | 8.0     | ng/ul | 3118510  | 6                     | 23.39 | 7821570 | 20.0 |
| (DEL) Alkane: Str... | 23.31 | 8.0     | ng/ul | 3133200  | 6                     | 23.39 | 7821570 | 20.0 |
| (DEL) Alkane: Str... | 23.94 | 7.1     | ng/ul | 2783110  | 6                     | 23.39 | 7821570 | 20.0 |