

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
 Data File : BM020979.D  
 Acq On : 17 Jun 2019 15:11  
 Operator : HP/JU  
 Sample : K3231-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB8M2

## 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         | 3.034       | 4             | 8           | 28           | rVB      | 3325021        | 4496960       | 78.95%          | 5.951%        |
| 2         | 3.299       | 50            | 53          | 61           | rVB2     | 28089          | 48048         | 0.84%           | 0.064%        |
| 3         | 3.922       | 156           | 159         | 164          | rVB3     | 28395          | 40186         | 0.71%           | 0.053%        |
| 4         | 4.922       | 324           | 329         | 336          | rBV2     | 32376          | 56662         | 0.99%           | 0.075%        |
| 5         | 6.475       | 586           | 593         | 600          | rBV      | 563289         | 847591        | 14.88%          | 1.122%        |
| 6         | 6.781       | 640           | 645         | 653          | rVB4     | 20745          | 37198         | 0.65%           | 0.049%        |
| 7         | 6.957       | 668           | 675         | 685          | rBV      | 614711         | 1063852       | 18.68%          | 1.408%        |
| 8         | 7.134       | 698           | 705         | 716          | rBV      | 518330         | 825644        | 14.50%          | 1.093%        |
| 9         | 7.222       | 716           | 720         | 730          | rVV2     | 29200          | 52764         | 0.93%           | 0.070%        |
| 10        | 7.322       | 730           | 737         | 744          | rVV      | 644071         | 1022989       | 17.96%          | 1.354%        |
| 11        | 7.792       | 810           | 817         | 824          | rBV      | 1079909        | 1652808       | 29.02%          | 2.187%        |
| 12        | 7.851       | 824           | 827         | 833          | rVB4     | 9925           | 15585         | 0.27%           | 0.021%        |
| 13        | 7.922       | 833           | 839         | 845          | rBV2     | 13488          | 21375         | 0.38%           | 0.028%        |
| 14        | 7.998       | 848           | 852         | 857          | rBV2     | 17639          | 27021         | 0.47%           | 0.036%        |
| 15        | 8.492       | 924           | 936         | 946          | rBV      | 804021         | 1305228       | 22.92%          | 1.727%        |
| 16        | 8.622       | 953           | 958         | 965          | rVB5     | 9867           | 18982         | 0.33%           | 0.025%        |
| 17        | 8.951       | 1008          | 1014        | 1021         | rBV      | 670057         | 1114652       | 19.57%          | 1.475%        |
| 18        | 9.045       | 1027          | 1030        | 1035         | rVB3     | 12497          | 18312         | 0.32%           | 0.024%        |
| 19        | 9.328       | 1074          | 1078        | 1082         | rBV      | 28633          | 39832         | 0.70%           | 0.053%        |
| 20        | 9.669       | 1128          | 1136        | 1144         | rBV      | 570873         | 928744        | 16.31%          | 1.229%        |
| 21        | 9.892       | 1169          | 1174        | 1182         | rVB5     | 13807          | 25305         | 0.44%           | 0.033%        |
| 22        | 10.198      | 1218          | 1226        | 1238         | rBV      | 877184         | 1499377       | 26.32%          | 1.984%        |
| 23        | 10.581      | 1282          | 1291        | 1299         | rBV      | 1563209        | 2665660       | 46.80%          | 3.527%        |
| 24        | 10.728      | 1309          | 1316        | 1329         | rVV      | 451509         | 825687        | 14.50%          | 1.093%        |
| 25        | 11.369      | 1420          | 1425        | 1432         | rVB5     | 14835          | 28856         | 0.51%           | 0.038%        |
| 26        | 11.763      | 1486          | 1492        | 1496         | rBV4     | 6404           | 12774         | 0.22%           | 0.017%        |
| 27        | 11.822      | 1498          | 1502        | 1507         | rVB3     | 9263           | 13598         | 0.24%           | 0.018%        |
| 28        | 12.169      | 1555          | 1561        | 1568         | rBV3     | 15048          | 26187         | 0.46%           | 0.035%        |
| 29        | 12.604      | 1629          | 1635        | 1641         | rBV8     | 7174           | 14681         | 0.26%           | 0.019%        |
| 30        | 12.780      | 1660          | 1665        | 1672         | rBV3     | 21022          | 35444         | 0.62%           | 0.047%        |
| 31        | 12.845      | 1672          | 1676        | 1680         | rVB3     | 10686          | 13816         | 0.24%           | 0.018%        |
| 32        | 13.033      | 1703          | 1708        | 1714         | rVB2     | 26754          | 38694         | 0.68%           | 0.051%        |
| 33        | 13.692      | 1816          | 1820        | 1824         | rVV4     | 23824          | 34624         | 0.61%           | 0.046%        |
| 34        | 13.745      | 1824          | 1829        | 1837         | rVV7     | 40446          | 60098         | 1.06%           | 0.080%        |

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 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.845 | 1838 | 1846 | 1850 | rVV  | 1886791 | 2664733 | 46.78% | 3.526% |
| 36 | 13.892 | 1850 | 1854 | 1860 | rVV  | 677091  | 936073  | 16.43% | 1.239% |
| 37 | 13.951 | 1860 | 1864 | 1870 | rVB6 | 20727   | 30396   | 0.53%  | 0.040% |
| 38 | 14.074 | 1877 | 1885 | 1887 | rBV4 | 25803   | 39804   | 0.70%  | 0.053% |
| 39 | 14.121 | 1887 | 1893 | 1902 | rVB  | 1964743 | 2916588 | 51.20% | 3.860% |
| 40 | 14.321 | 1922 | 1927 | 1933 | rVB4 | 17973   | 25764   | 0.45%  | 0.034% |
| 41 | 14.433 | 1939 | 1946 | 1954 | rVV2 | 2705951 | 4113907 | 72.23% | 5.444% |
| 42 | 14.521 | 1958 | 1961 | 1969 | rVB4 | 18388   | 28788   | 0.51%  | 0.038% |
| 43 | 14.633 | 1973 | 1980 | 1996 | rBV  | 605720  | 1005686 | 17.66% | 1.331% |
| 44 | 14.745 | 1996 | 1999 | 2004 | rVV3 | 11737   | 17468   | 0.31%  | 0.023% |
| 45 | 14.839 | 2012 | 2015 | 2021 | rVB6 | 21795   | 38129   | 0.67%  | 0.050% |
| 46 | 15.057 | 2048 | 2052 | 2059 | rVB6 | 8494    | 15272   | 0.27%  | 0.020% |
| 47 | 15.221 | 2075 | 2080 | 2083 | rBV  | 72755   | 93545   | 1.64%  | 0.124% |
| 48 | 15.257 | 2083 | 2086 | 2094 | rVB3 | 27335   | 50843   | 0.89%  | 0.067% |
| 49 | 15.427 | 2108 | 2115 | 2123 | rVV  | 2868460 | 4140843 | 72.70% | 5.480% |
| 50 | 15.545 | 2130 | 2135 | 2145 | rBV  | 721568  | 1027720 | 18.04% | 1.360% |
| 51 | 15.663 | 2151 | 2155 | 2162 | rVB2 | 37165   | 59000   | 1.04%  | 0.078% |
| 52 | 15.792 | 2173 | 2177 | 2181 | rVB5 | 11212   | 17167   | 0.30%  | 0.023% |
| 53 | 15.892 | 2191 | 2194 | 2200 | rVB7 | 6738    | 12510   | 0.22%  | 0.017% |
| 54 | 16.051 | 2217 | 2221 | 2226 | rVV  | 38342   | 52151   | 0.92%  | 0.069% |
| 55 | 16.098 | 2226 | 2229 | 2232 | rVV2 | 15257   | 17719   | 0.31%  | 0.023% |
| 56 | 16.133 | 2232 | 2235 | 2244 | rVB3 | 37784   | 62724   | 1.10%  | 0.083% |
| 57 | 16.315 | 2263 | 2266 | 2272 | rVB3 | 23138   | 30524   | 0.54%  | 0.040% |
| 58 | 16.539 | 2300 | 2304 | 2308 | rBV5 | 16361   | 20608   | 0.36%  | 0.027% |
| 59 | 16.568 | 2308 | 2309 | 2317 | rVB5 | 9152    | 16410   | 0.29%  | 0.022% |
| 60 | 16.651 | 2317 | 2323 | 2327 | rBV9 | 12426   | 22575   | 0.40%  | 0.030% |
| 61 | 16.827 | 2347 | 2353 | 2363 | rBV  | 212808  | 324874  | 5.70%  | 0.430% |
| 62 | 16.968 | 2373 | 2377 | 2378 | rBV  | 16622   | 18051   | 0.32%  | 0.024% |
| 63 | 17.092 | 2394 | 2398 | 2402 | rVB3 | 28958   | 36791   | 0.65%  | 0.049% |
| 64 | 17.180 | 2406 | 2413 | 2423 | rBV  | 3724966 | 5277387 | 92.65% | 6.984% |
| 65 | 17.274 | 2423 | 2429 | 2438 | rBV  | 3100639 | 4308205 | 75.64% | 5.701% |
| 66 | 17.462 | 2456 | 2461 | 2467 | rBV4 | 38323   | 68376   | 1.20%  | 0.090% |
| 67 | 17.533 | 2469 | 2473 | 2480 | rVV9 | 13387   | 32768   | 0.58%  | 0.043% |
| 68 | 17.662 | 2492 | 2495 | 2500 | rBV4 | 18962   | 25798   | 0.45%  | 0.034% |
| 69 | 17.839 | 2523 | 2525 | 2532 | rVB7 | 17025   | 21270   | 0.37%  | 0.028% |
| 70 | 18.062 | 2558 | 2563 | 2573 | rBV  | 385297  | 600967  | 10.55% | 0.795% |
| 71 | 18.139 | 2573 | 2576 | 2580 | rVV  | 46491   | 73864   | 1.30%  | 0.098% |

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 Peak Location: TOP

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

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 18.174 | 2580 | 2582 | 2587 | rVB6 | 23284   | 33403   | 0.59%   | 0.044% |
| 73  | 18.356 | 2610 | 2613 | 2617 | rBV4 | 35743   | 47378   | 0.83%   | 0.063% |
| 74  | 18.409 | 2618 | 2622 | 2627 | rVB4 | 56865   | 85144   | 1.49%   | 0.113% |
| 75  | 18.509 | 2635 | 2639 | 2644 | rBV  | 74947   | 100325  | 1.76%   | 0.133% |
| 76  | 18.986 | 2717 | 2720 | 2726 | rBV4 | 48075   | 72083   | 1.27%   | 0.095% |
| 77  | 19.203 | 2753 | 2757 | 2760 | rBV2 | 53644   | 75736   | 1.33%   | 0.100% |
| 78  | 19.345 | 2777 | 2781 | 2786 | rBV  | 145753  | 200219  | 3.52%   | 0.265% |
| 79  | 19.451 | 2795 | 2799 | 2803 | rVB2 | 42183   | 67782   | 1.19%   | 0.090% |
| 80  | 19.498 | 2804 | 2807 | 2812 | rBV7 | 40490   | 46428   | 0.82%   | 0.061% |
| 81  | 19.568 | 2813 | 2819 | 2825 | rBV2 | 3593108 | 4951237 | 86.93%  | 6.552% |
| 82  | 19.962 | 2883 | 2886 | 2890 | rVB4 | 40975   | 45961   | 0.81%   | 0.061% |
| 83  | 20.015 | 2891 | 2895 | 2898 | rBV4 | 78090   | 105256  | 1.85%   | 0.139% |
| 84  | 20.109 | 2908 | 2911 | 2914 | rVB2 | 96873   | 103666  | 1.82%   | 0.137% |
| 85  | 20.398 | 2957 | 2960 | 2963 | rBV4 | 53342   | 69313   | 1.22%   | 0.092% |
| 86  | 20.474 | 2970 | 2973 | 2975 | rBV4 | 48640   | 60788   | 1.07%   | 0.080% |
| 87  | 20.545 | 2981 | 2985 | 2988 | rBV  | 295969  | 342483  | 6.01%   | 0.453% |
| 88  | 20.598 | 2992 | 2994 | 2999 | rVB2 | 116050  | 136008  | 2.39%   | 0.180% |
| 89  | 20.909 | 3044 | 3047 | 3051 | rBV  | 125078  | 167210  | 2.94%   | 0.221% |
| 90  | 21.062 | 3066 | 3073 | 3085 | rBV2 | 1056918 | 1592642 | 27.96%  | 2.108% |
| 91  | 21.356 | 3118 | 3123 | 3134 | rBV  | 4423633 | 5695916 | 100.00% | 7.537% |
| 92  | 21.497 | 3144 | 3147 | 3153 | rBV  | 204197  | 247998  | 4.35%   | 0.328% |
| 93  | 21.944 | 3219 | 3223 | 3224 | rBV  | 290186  | 376292  | 6.61%   | 0.498% |
| 94  | 22.139 | 3253 | 3256 | 3263 | rVB3 | 187284  | 271875  | 4.77%   | 0.360% |
| 95  | 22.409 | 3299 | 3302 | 3306 | rVB  | 357670  | 439014  | 7.71%   | 0.581% |
| 96  | 22.927 | 3385 | 3390 | 3395 | rBV  | 725783  | 1058341 | 18.58%  | 1.401% |
| 97  | 23.491 | 3479 | 3486 | 3495 | rVB  | 2243091 | 4560982 | 80.07%  | 6.036% |
| 98  | 23.633 | 3504 | 3510 | 3520 | rVB2 | 2559762 | 4833729 | 84.86%  | 6.396% |
| 99  | 24.162 | 3595 | 3600 | 3608 | rVB  | 588101  | 1191221 | 20.91%  | 1.576% |
| 100 | 26.103 | 3924 | 3930 | 3941 | rVB4 | 522785  | 1415634 | 24.85%  | 1.873% |

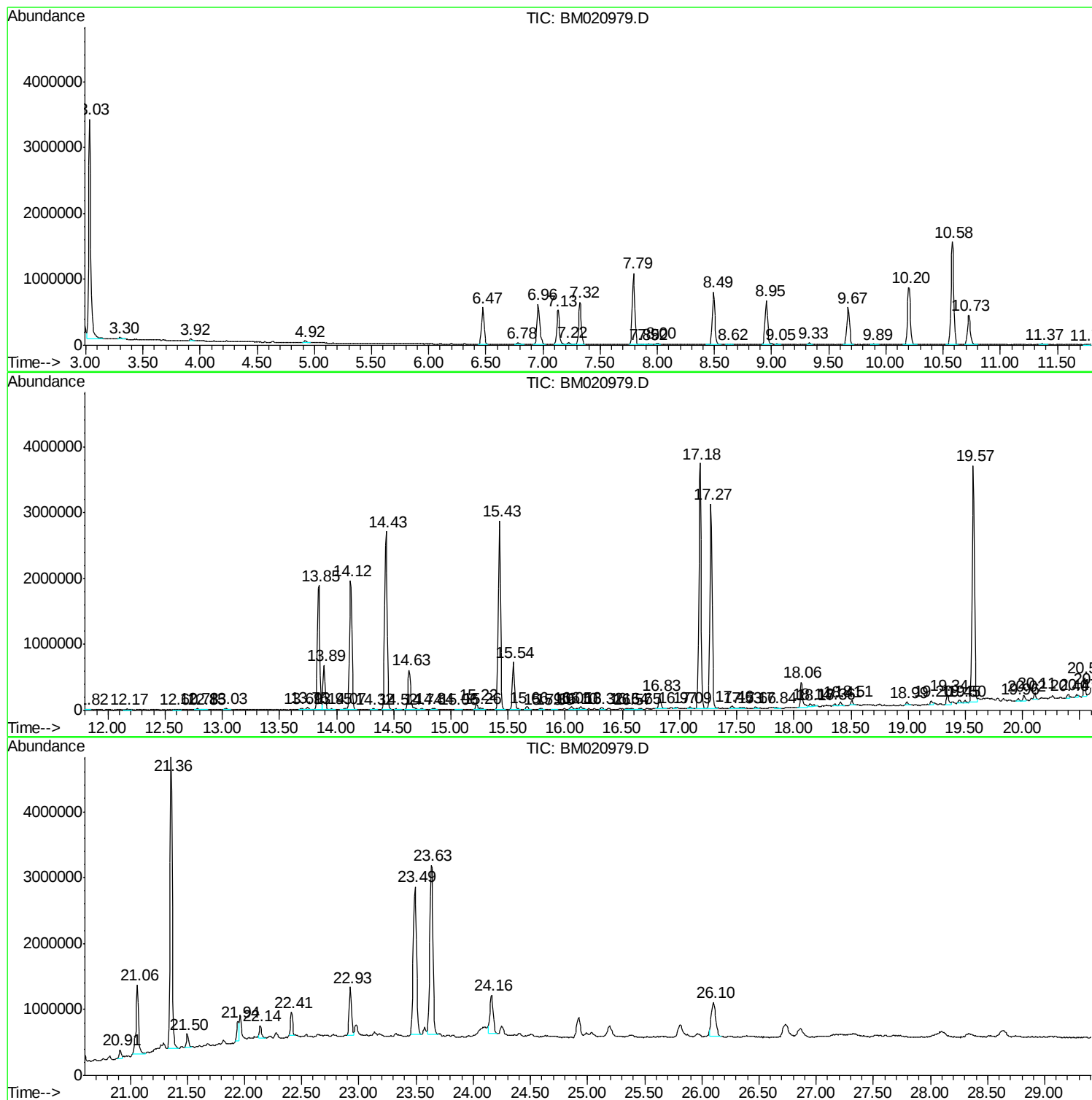
Sum of corrected areas: 75568596

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

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



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

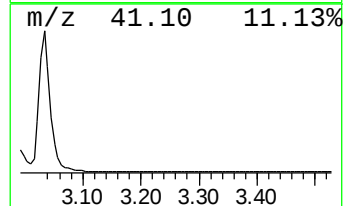
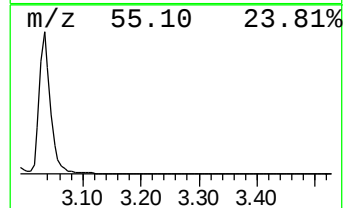
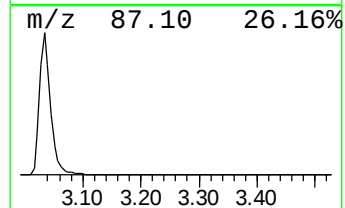
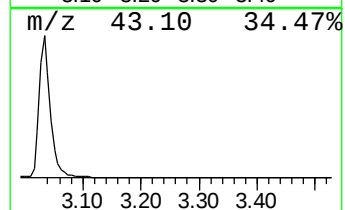
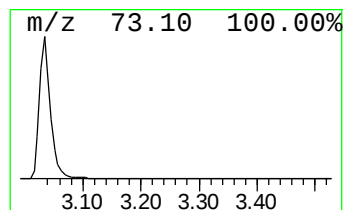
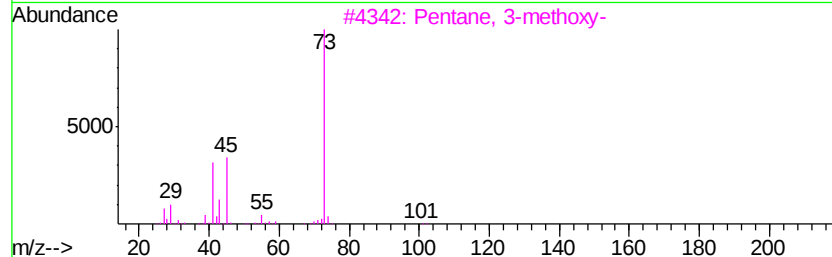
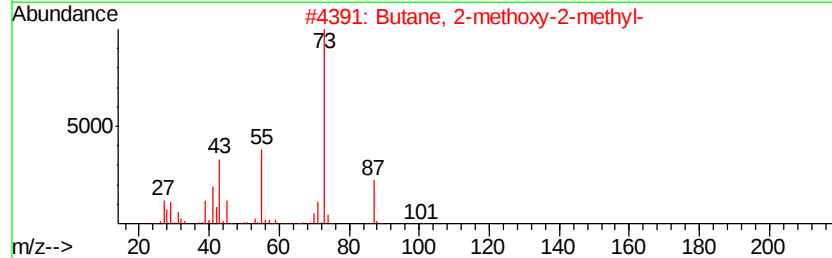
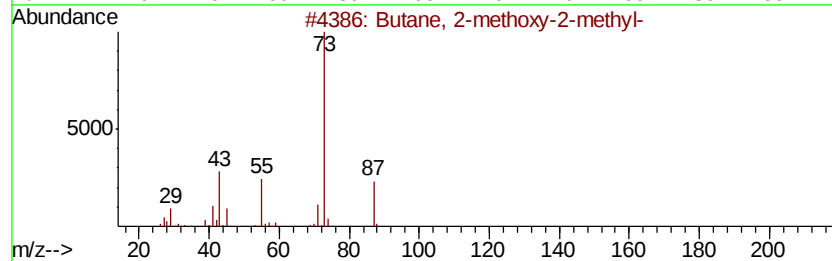
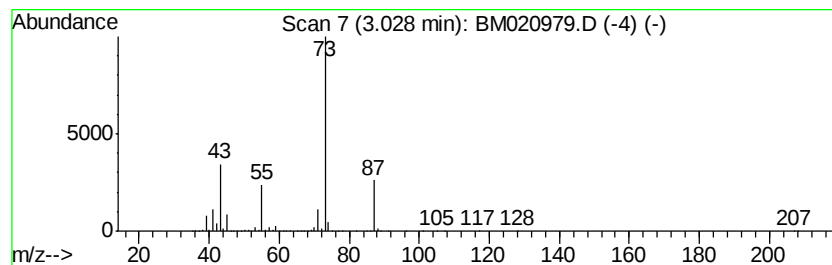
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.03 | 54.42 ng/ul | 4496960 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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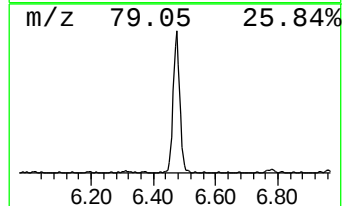
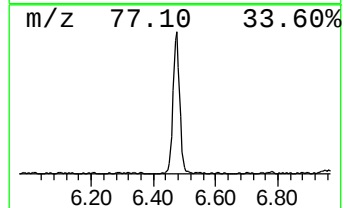
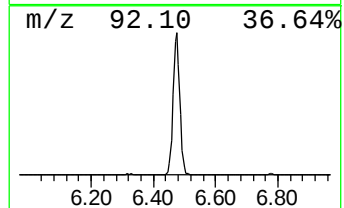
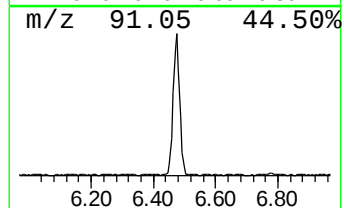
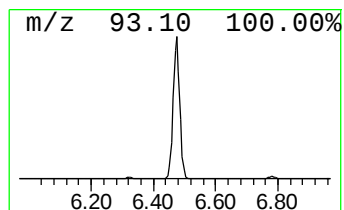
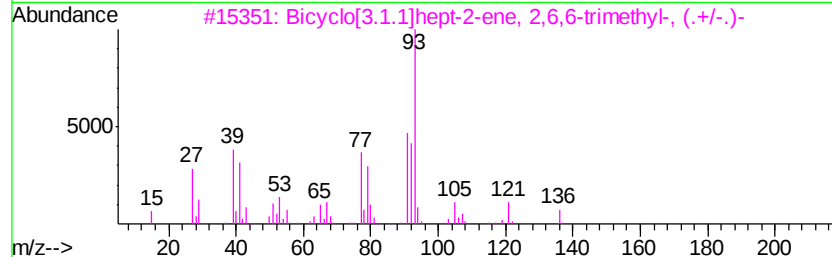
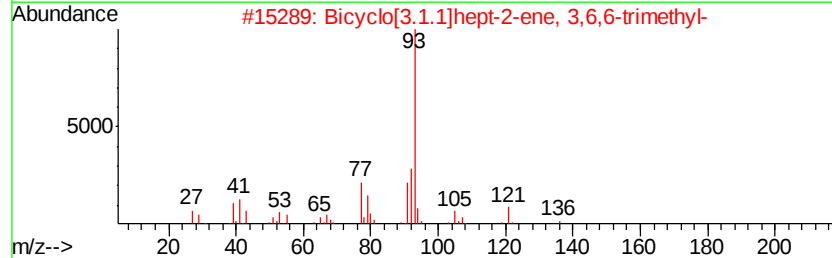
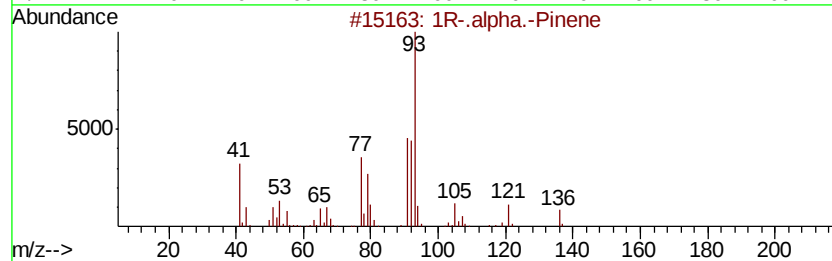
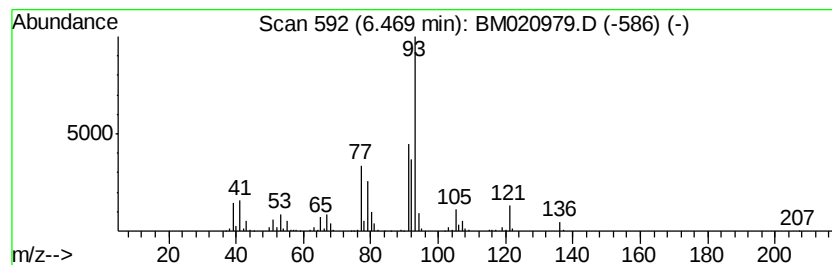
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1R-.alpha.-Pinene Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 6.47 | 10.26 ng/ul | 847591 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1R-.alpha.-Pinene                   | 136 | C10H16  | 007785-70-8 | 95   |
| 2    |    | Bicyclo[3.1.1]hept-2-ene, 3,6,6-... | 136 | C10H16  | 004889-83-2 | 94   |
| 3    |    | Bicyclo[3.1.1]hept-2-ene, 2,6,6-... | 136 | C10H16  | 002437-95-8 | 94   |
| 4    |    | .alpha.-Pinene                      | 136 | C10H16  | 000080-56-8 | 94   |
| 5    |    | 1,3,6-Octatriene, 3,7-dimethyl-,... | 136 | C10H16  | 003779-61-1 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
Sample : K3231-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

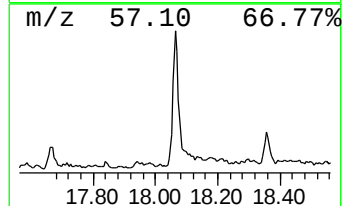
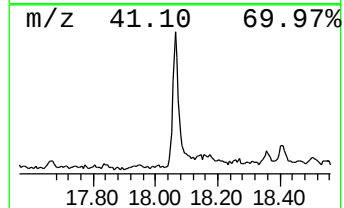
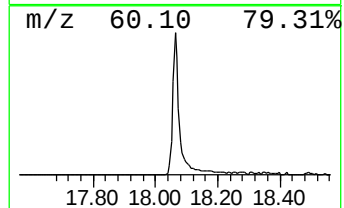
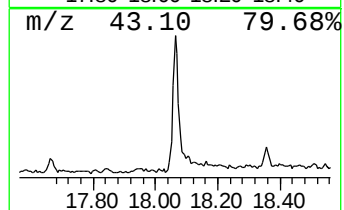
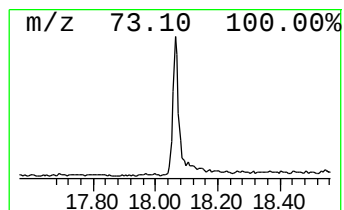
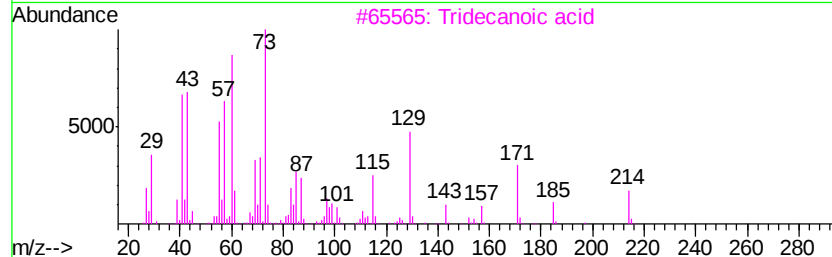
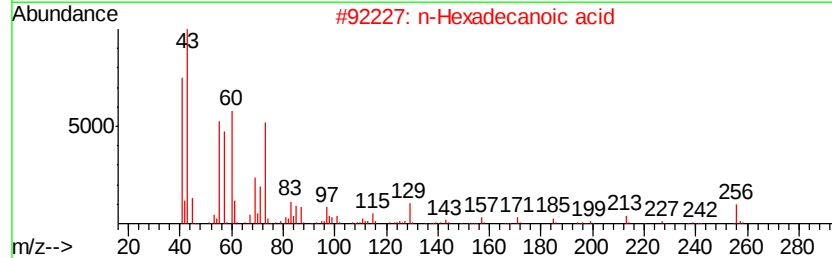
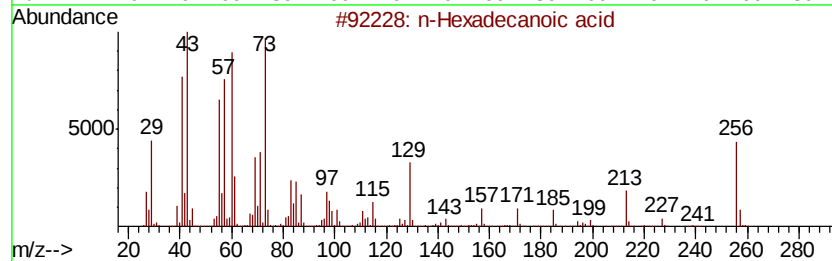
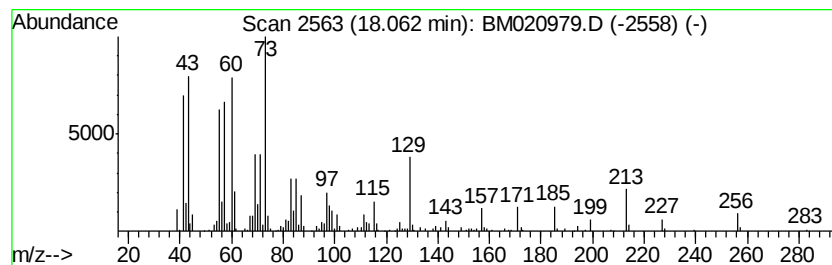
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD    |     | R.T.     |             |      |
|-------|------------|--------|---------------------|-----|----------|-------------|------|
| 18.06 | 2.28 ng/ul | 600967 | Phenanthrene-d10    |     | 17.18    |             |      |
| 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 | 96   |
| 3     |            |        | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 4     |            |        | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5     |            |        | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
Sample : K3231-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8M2

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

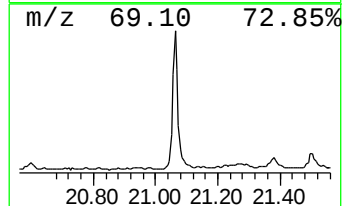
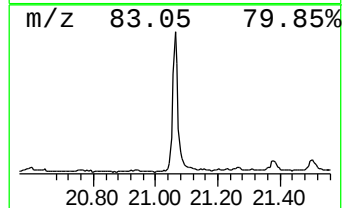
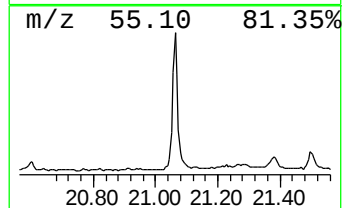
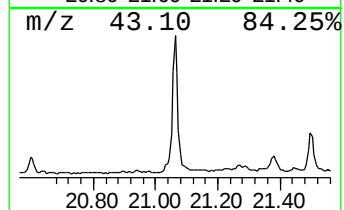
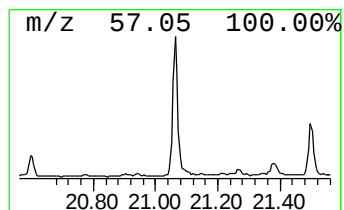
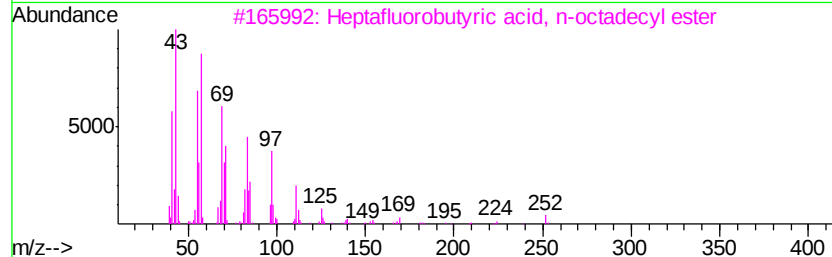
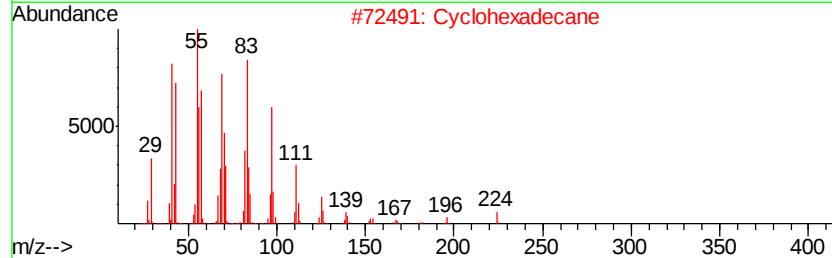
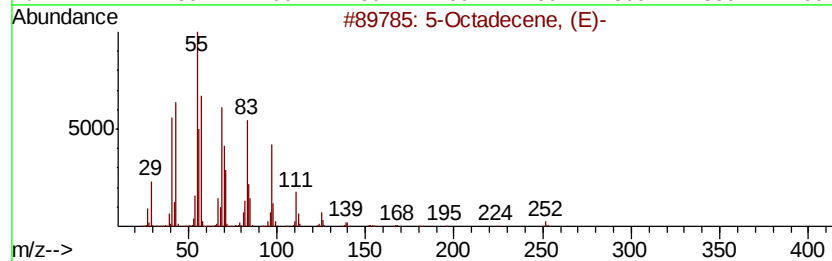
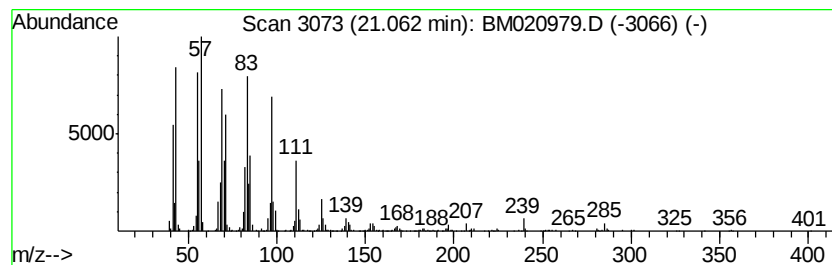
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.06 | 5.59 ng/ul | 1592640 | Chrysene-d12     | 21.36 |

| Hit# | of | Tentative ID                            | MW  | MolForm     | CAS#        | Qual |
|------|----|-----------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 5-Octadecene, (E)-                      | 252 | C18H36      | 007206-21-5 | 94   |
| 2    |    | Cyclohexadecane                         | 224 | C16H32      | 000295-65-8 | 93   |
| 3    |    | Heptafluorobutyric acid, n-octadecyl... | 466 | C22H37F7O2  | 000400-57-7 | 91   |
| 4    |    | Trichloroacetic acid, hexadecyl ...     | 386 | C18H33Cl3O2 | 074339-54-1 | 90   |
| 5    |    | Trichloroacetic acid, pentadecyl...     | 372 | C17H31Cl3O2 | 074339-53-0 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
Sample : K3231-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8M2

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

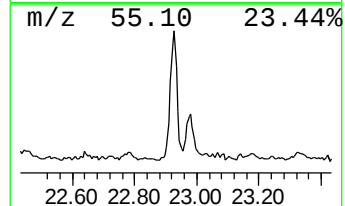
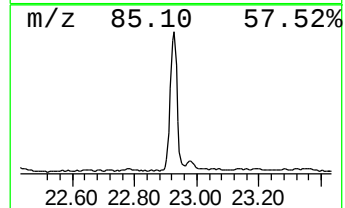
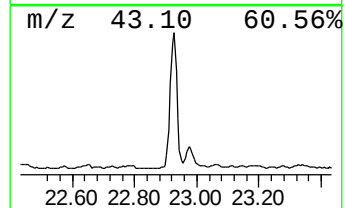
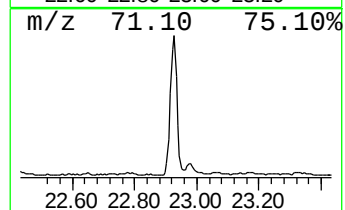
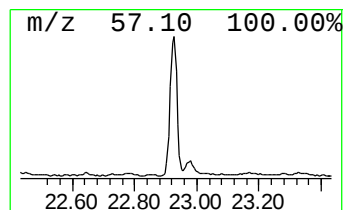
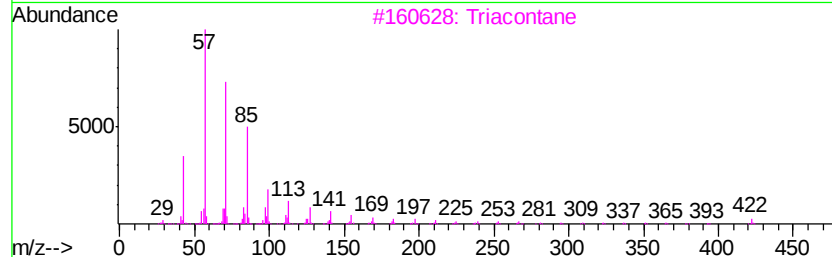
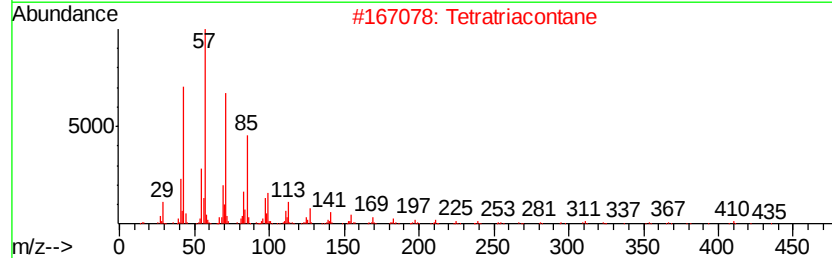
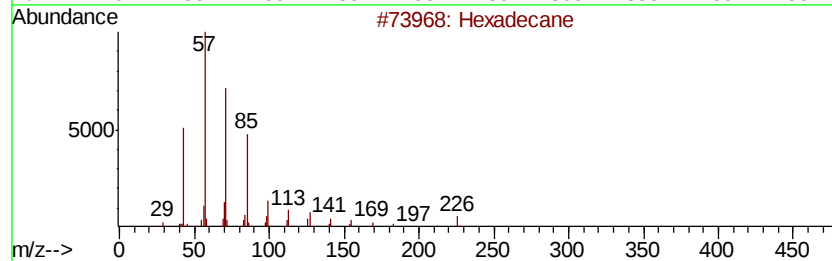
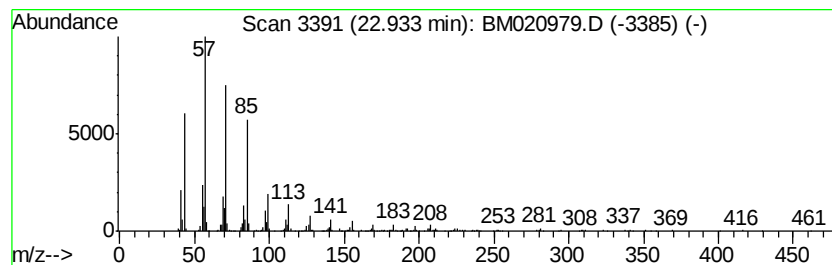
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.93 | 4.38 ng/ul | 1058340 | Perylene-d12     | 23.63 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane             | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    | Tetratriacontane       | 479 | C34H70  | 014167-59-0 | 91   |
| 3    |    | Triacontane            | 422 | C30H62  | 000638-68-6 | 91   |
| 4    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |
| 5    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
Sample : K3231-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8M2

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Quant Title : SVOA CALIBRATION

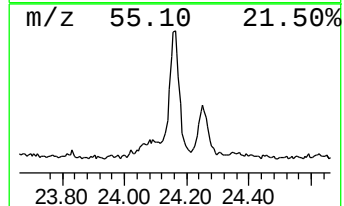
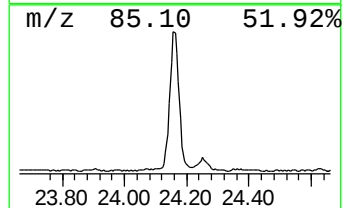
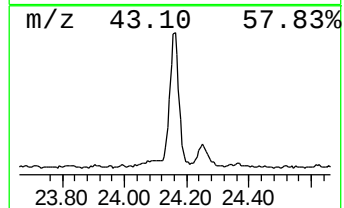
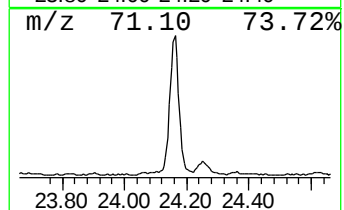
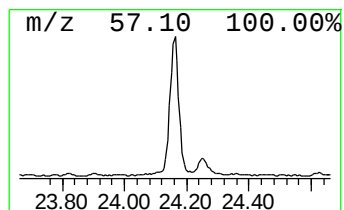
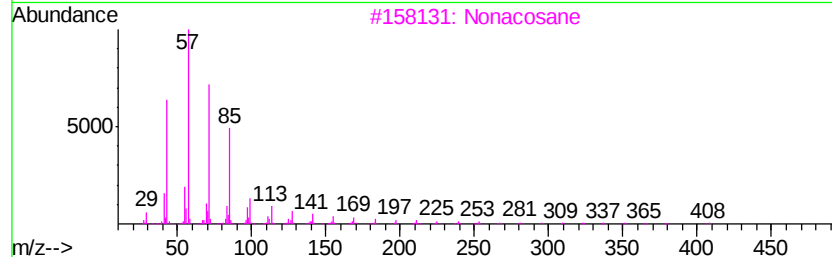
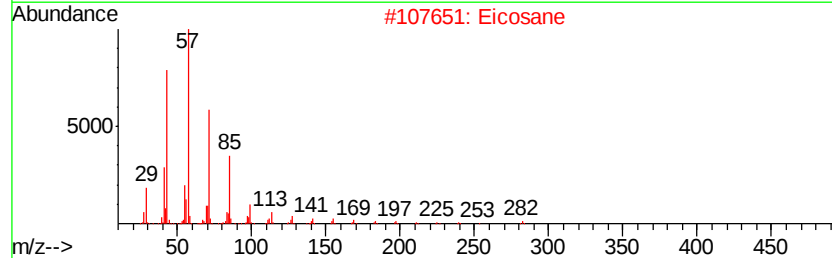
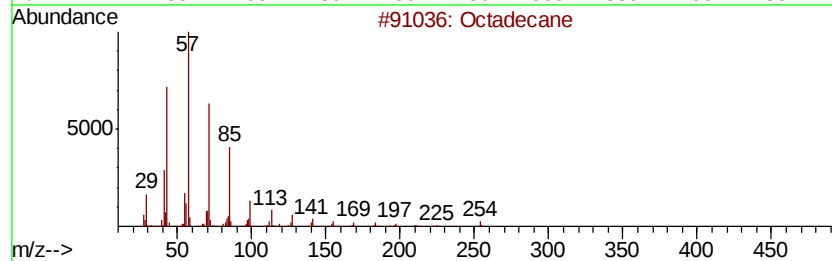
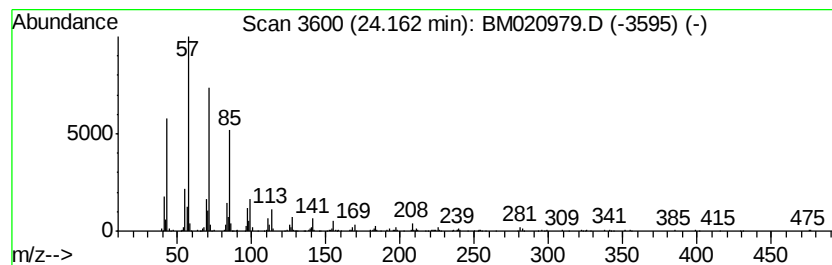
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.16 | 4.93 ng/ul | 1191220 | Perylene-d12     | 23.63 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane       | 254 | C18H38  | 000593-45-3 | 96   |
| 2    |    | Eicosane         | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Nonacosane       | 408 | C29H60  | 000630-03-5 | 90   |
| 4    |    | Tetratriacontane | 479 | C34H70  | 014167-59-0 | 90   |
| 5    |    | Heptacosane      | 380 | C27H56  | 000593-49-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
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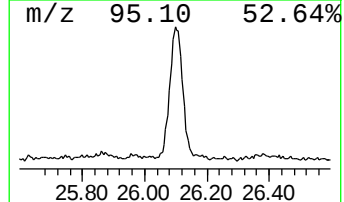
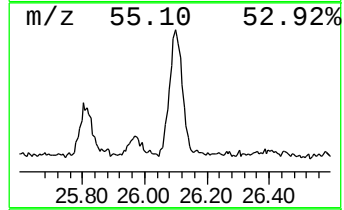
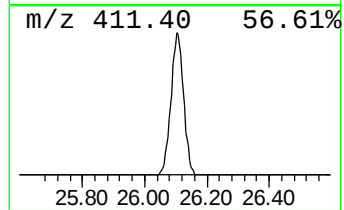
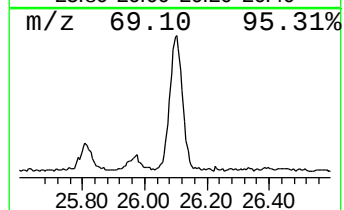
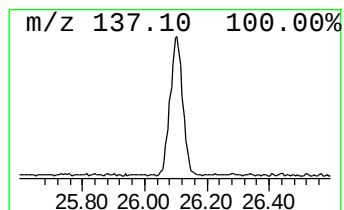
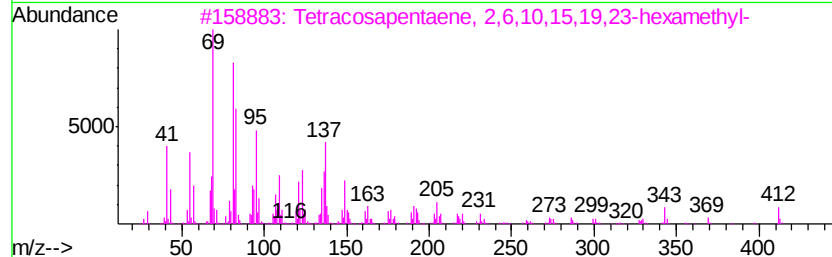
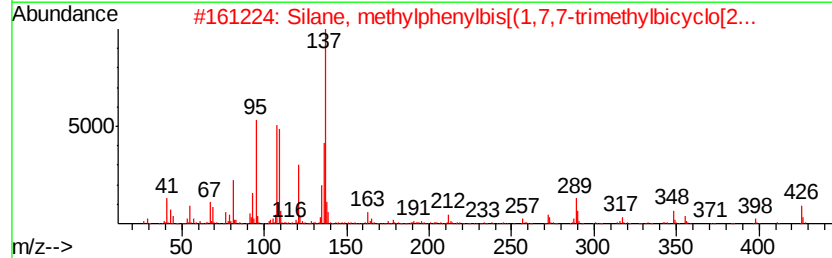
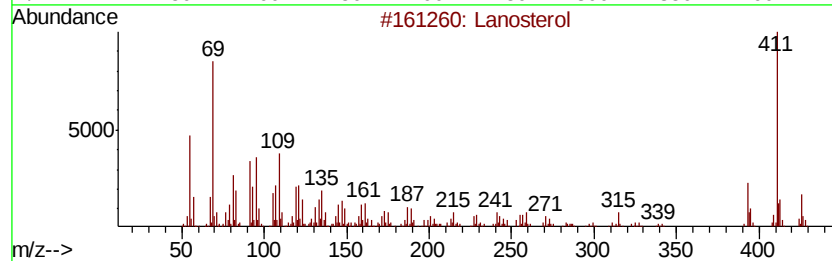
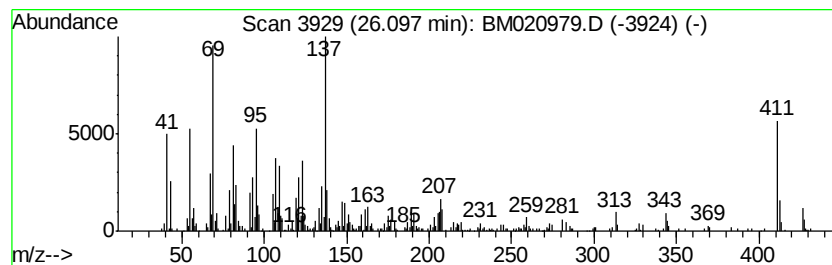
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Lanosterol Concentration Rank 3

| R.T.    | EstConc                             | Area           | Relative to ISTD | R.T.      |
|---------|-------------------------------------|----------------|------------------|-----------|
| 26.10   | 5.86 ng/ul                          | 1415630        | Perylene-d12     | 23.63     |
| Hit# of | 5                                   | Tentative ID   | MW MolForm       | CAS# Qual |
| 1       | Lanosterol                          | 426 C30H500    | 000079-63-0      | 60        |
| 2       | Silane, methylphenylbis[(1,7,7-t... | 426 C27H42O2Si | 074806-99-8      | 50        |
| 3       | Tetracosapentaene, 2,6,10,15,19,... | 412 C30H52     | 026266-08-0      | 43        |
| 4       | 26,26-Dimethyl-5,23-ergostadien-... | 426 C30H500    | 090195-41-8      | 35        |
| 5       | D:B-Friedo-18,19-secolup-19-ene,... | 426 C30H500    | 035060-26-5      | 35        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM061719\  
Data File : BM020979.D  
Acq On : 17 Jun 2019 15:11  
Operator : HP/JU  
Sample : K3231-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8M2

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... | 3.03  | 54.4    | ng/ul | 4496960  | 1                     | 7.79  | 1652810 | 20.0 |
| 1R-.alpha.-Pinene    | 6.47  | 10.3    | ng/ul | 847591   | 1                     | 7.79  | 1652810 | 20.0 |
| n-Hexadecanoic acid  | 18.06 | 2.3     | ng/ul | 600967   | 4                     | 17.18 | 5277390 | 20.0 |
| (DEL) Alkane: Cyc... | 21.06 | 5.6     | ng/ul | 1592640  | 5                     | 21.36 | 5695920 | 20.0 |
| (DEL) Alkane: Str... | 22.93 | 4.4     | ng/ul | 1058340  | 6                     | 23.63 | 4833730 | 20.0 |
| (DEL) Alkane: Str... | 24.16 | 4.9     | ng/ul | 1191220  | 6                     | 23.63 | 4833730 | 20.0 |
| Lanosterol           | 26.10 | 5.9     | ng/ul | 1415630  | 6                     | 23.63 | 4833730 | 20.0 |