

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
 Data File : BM020779.D  
 Acq On : 07 Jun 2019 00:37  
 Operator : HP/JU  
 Sample : K3016-17  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A51D4

## 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-BM060619MA.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         | 3.046       | 6             | 10          | 32           | rVB      | 8548618        | 10419620      | 100.00%         | 14.434%       |
| 2         | 3.310       | 52            | 55          | 64           | rVB      | 48361          | 69557         | 0.67%           | 0.096%        |
| 3         | 3.934       | 157           | 161         | 168          | rVB      | 62636          | 90621         | 0.87%           | 0.126%        |
| 4         | 4.034       | 175           | 178         | 184          | rVB2     | 16446          | 21019         | 0.20%           | 0.029%        |
| 5         | 4.140       | 193           | 196         | 201          | rVB6     | 8696           | 13992         | 0.13%           | 0.019%        |
| 6         | 4.934       | 326           | 331         | 340          | rVB      | 43774          | 69239         | 0.66%           | 0.096%        |
| 7         | 6.216       | 546           | 549         | 552          | rVB4     | 10248          | 11379         | 0.11%           | 0.016%        |
| 8         | 6.969       | 671           | 677         | 689          | rVB      | 744024         | 1293847       | 12.42%          | 1.792%        |
| 9         | 7.151       | 701           | 708         | 720          | rBV      | 580157         | 934677        | 8.97%           | 1.295%        |
| 10        | 7.339       | 731           | 740         | 751          | rBV      | 806112         | 1259027       | 12.08%          | 1.744%        |
| 11        | 7.810       | 814           | 820         | 827          | rBV      | 851244         | 1366914       | 13.12%          | 1.894%        |
| 12        | 7.869       | 827           | 830         | 838          | rVB2     | 14274          | 23773         | 0.23%           | 0.033%        |
| 13        | 8.510       | 931           | 939         | 948          | rBV      | 851500         | 1391796       | 13.36%          | 1.928%        |
| 14        | 8.633       | 956           | 960         | 964          | rVB6     | 6446           | 11916         | 0.11%           | 0.017%        |
| 15        | 8.969       | 1010          | 1017        | 1025         | rBV      | 739114         | 1194073       | 11.46%          | 1.654%        |
| 16        | 9.357       | 1077          | 1083        | 1088         | rVB      | 54122          | 78618         | 0.75%           | 0.109%        |
| 17        | 9.686       | 1132          | 1139        | 1151         | rBV      | 557309         | 935909        | 8.98%           | 1.296%        |
| 18        | 10.216      | 1222          | 1229        | 1242         | rBV      | 930813         | 1543711       | 14.82%          | 2.138%        |
| 19        | 10.380      | 1252          | 1257        | 1265         | rVB10    | 4667           | 10816         | 0.10%           | 0.015%        |
| 20        | 10.604      | 1286          | 1295        | 1302         | rBV      | 1163521        | 1959522       | 18.81%          | 2.714%        |
| 21        | 10.739      | 1310          | 1318        | 1329         | rBV      | 761536         | 1326906       | 12.73%          | 1.838%        |
| 22        | 12.016      | 1531          | 1535        | 1541         | rVB6     | 6695           | 11302         | 0.11%           | 0.016%        |
| 23        | 12.192      | 1555          | 1565        | 1569         | rBV2     | 15423          | 30233         | 0.29%           | 0.042%        |
| 24        | 13.268      | 1742          | 1748        | 1752         | rBV4     | 10374          | 16790         | 0.16%           | 0.023%        |
| 25        | 13.857      | 1842          | 1848        | 1853         | rBV      | 1797169        | 2491172       | 23.91%          | 3.451%        |
| 26        | 13.904      | 1853          | 1856        | 1863         | rVB      | 517058         | 680452        | 6.53%           | 0.943%        |
| 27        | 14.139      | 1890          | 1896        | 1905         | rVB      | 1962905        | 2835268       | 27.21%          | 3.928%        |
| 28        | 14.345      | 1926          | 1931        | 1936         | rBV4     | 7911           | 11382         | 0.11%           | 0.016%        |
| 29        | 14.451      | 1940          | 1949        | 1957         | rVV2     | 1682817        | 2666467       | 25.59%          | 3.694%        |
| 30        | 14.639      | 1974          | 1981        | 1996         | rBV      | 673198         | 1006277       | 9.66%           | 1.394%        |
| 31        | 14.868      | 2013          | 2020        | 2025         | rBV6     | 26781          | 41057         | 0.39%           | 0.057%        |
| 32        | 15.245      | 2079          | 2084        | 2089         | rBV5     | 7045           | 12560         | 0.12%           | 0.017%        |
| 33        | 15.298      | 2089          | 2093        | 2095         | rVB2     | 12529          | 14719         | 0.14%           | 0.020%        |
| 34        | 15.439      | 2111          | 2117        | 2130         | rVB      | 2541380        | 3652347       | 35.05%          | 5.059%        |

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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-BM060619MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 15.557 | 2132 | 2137 | 2149 | rVV  | 570380  | 803221  | 7.71%  | 1.113% |
| 36 | 15.680 | 2154 | 2158 | 2165 | rVB  | 31634   | 47133   | 0.45%  | 0.065% |
| 37 | 16.151 | 2235 | 2238 | 2242 | rBV4 | 10968   | 16085   | 0.15%  | 0.022% |
| 38 | 16.221 | 2245 | 2250 | 2254 | rVB7 | 11153   | 18071   | 0.17%  | 0.025% |
| 39 | 16.586 | 2308 | 2312 | 2315 | rBV4 | 9441    | 12025   | 0.12%  | 0.017% |
| 40 | 16.951 | 2371 | 2374 | 2377 | rBV3 | 12638   | 15420   | 0.15%  | 0.021% |
| 41 | 16.980 | 2377 | 2379 | 2387 | rVB3 | 13645   | 22204   | 0.21%  | 0.031% |
| 42 | 17.192 | 2409 | 2415 | 2425 | rBV2 | 2319610 | 3223837 | 30.94% | 4.466% |
| 43 | 17.292 | 2425 | 2432 | 2440 | rBV  | 2880022 | 3936518 | 37.78% | 5.453% |
| 44 | 17.962 | 2541 | 2546 | 2548 | rBV6 | 13932   | 23104   | 0.22%  | 0.032% |
| 45 | 18.086 | 2561 | 2567 | 2577 | rBV  | 876414  | 1283504 | 12.32% | 1.778% |
| 46 | 18.380 | 2614 | 2617 | 2620 | rBV4 | 10294   | 12223   | 0.12%  | 0.017% |
| 47 | 18.421 | 2621 | 2624 | 2629 | rVB6 | 11032   | 14865   | 0.14%  | 0.021% |
| 48 | 18.750 | 2676 | 2680 | 2687 | rBV7 | 12022   | 22465   | 0.22%  | 0.031% |
| 49 | 18.880 | 2700 | 2702 | 2708 | rVB7 | 8904    | 11479   | 0.11%  | 0.016% |
| 50 | 18.974 | 2713 | 2718 | 2722 | rVV7 | 26787   | 58618   | 0.56%  | 0.081% |
| 51 | 19.009 | 2722 | 2724 | 2728 | rVB3 | 21459   | 25435   | 0.24%  | 0.035% |
| 52 | 19.145 | 2745 | 2747 | 2751 | rBV5 | 9814    | 13805   | 0.13%  | 0.019% |
| 53 | 19.215 | 2755 | 2759 | 2761 | rBV  | 68753   | 84785   | 0.81%  | 0.117% |
| 54 | 19.245 | 2761 | 2764 | 2770 | rVB2 | 81651   | 117296  | 1.13%  | 0.162% |
| 55 | 19.362 | 2779 | 2784 | 2795 | rBV  | 474849  | 747522  | 7.17%  | 1.036% |
| 56 | 19.468 | 2799 | 2802 | 2806 | rVB  | 33100   | 52705   | 0.51%  | 0.073% |
| 57 | 19.586 | 2815 | 2822 | 2827 | rBV  | 3432647 | 4694129 | 45.05% | 6.503% |
| 58 | 20.092 | 2905 | 2908 | 2910 | rBV3 | 31500   | 40544   | 0.39%  | 0.056% |
| 59 | 20.121 | 2910 | 2913 | 2918 | rVB2 | 75583   | 95601   | 0.92%  | 0.132% |
| 60 | 20.621 | 2994 | 2998 | 3001 | rVB3 | 82372   | 97525   | 0.94%  | 0.135% |
| 61 | 21.080 | 3071 | 3076 | 3088 | rBV  | 1291426 | 1820465 | 17.47% | 2.522% |
| 62 | 21.368 | 3120 | 3125 | 3134 | rBV  | 2802504 | 3509893 | 33.69% | 4.862% |
| 63 | 21.521 | 3147 | 3151 | 3154 | rBV  | 211960  | 250925  | 2.41%  | 0.348% |
| 64 | 21.962 | 3222 | 3226 | 3234 | rBV3 | 340301  | 605961  | 5.82%  | 0.839% |
| 65 | 22.433 | 3302 | 3306 | 3311 | rVB  | 464088  | 586444  | 5.63%  | 0.812% |
| 66 | 22.562 | 3325 | 3328 | 3334 | rVB  | 147027  | 198503  | 1.91%  | 0.275% |
| 67 | 22.950 | 3389 | 3394 | 3399 | rBV  | 589422  | 872686  | 8.38%  | 1.209% |
| 68 | 23.503 | 3482 | 3488 | 3502 | rVB2 | 2392921 | 5437601 | 52.19% | 7.533% |
| 69 | 23.650 | 3506 | 3513 | 3522 | rVB  | 1910407 | 3583243 | 34.39% | 4.964% |
| 70 | 24.197 | 3601 | 3606 | 3614 | rVB  | 504708  | 931201  | 8.94%  | 1.290% |
| 71 | 24.285 | 3616 | 3621 | 3637 | rVB5 | 238855  | 563330  | 5.41%  | 0.780% |

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ClientSampleId :  
A51D4

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 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-BM060619MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 72 | 24.962 | 3731 | 3736 | 3746 | rVB2 | 368225 | 840577 | 8.07% | 1.164% |
|----|--------|------|------|------|------|--------|--------|-------|--------|

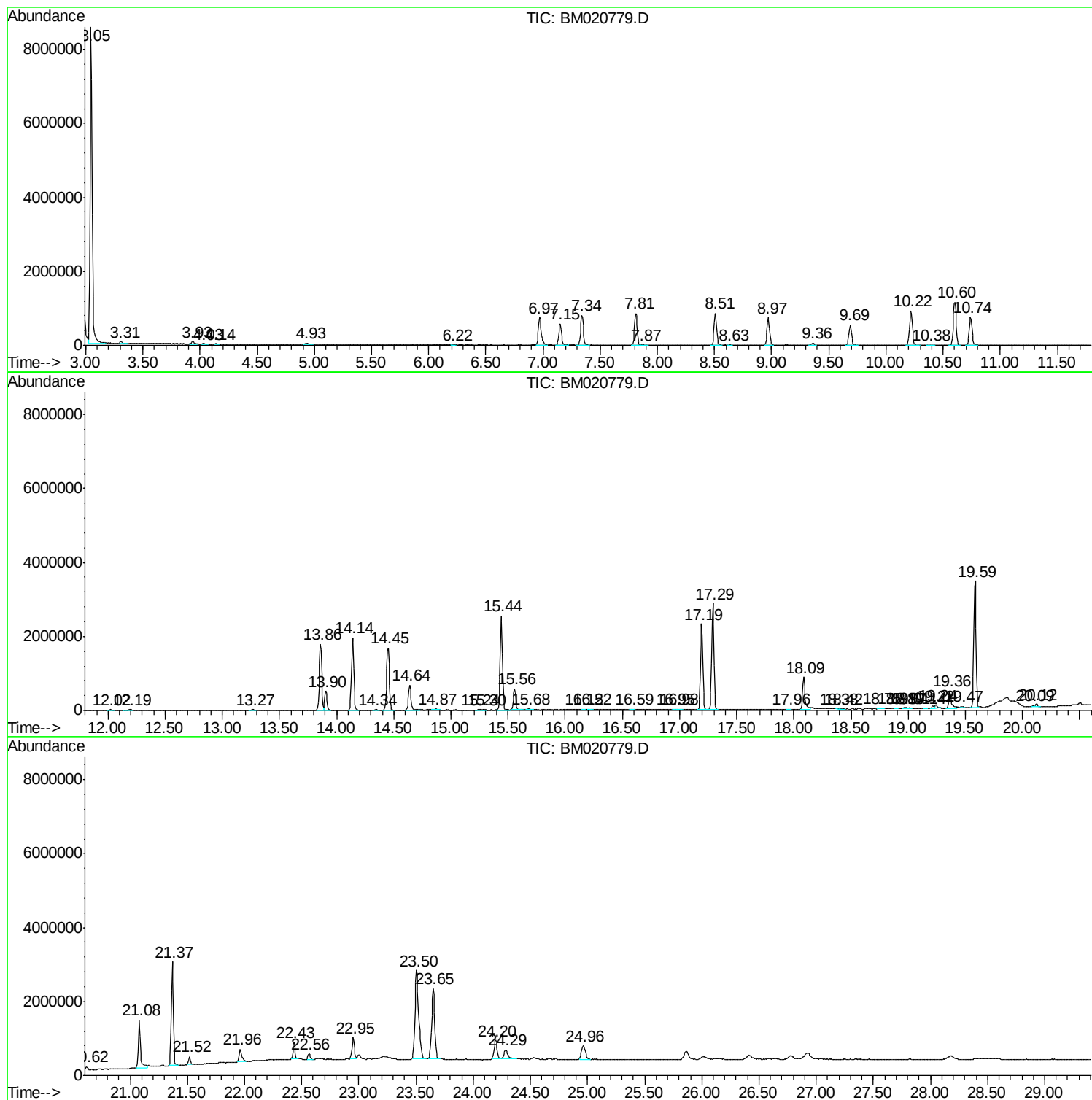
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

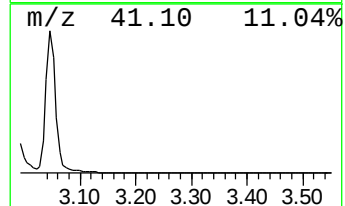
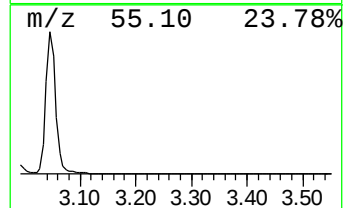
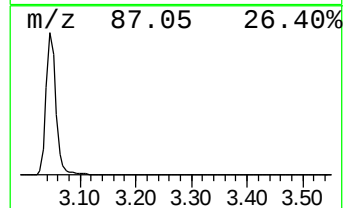
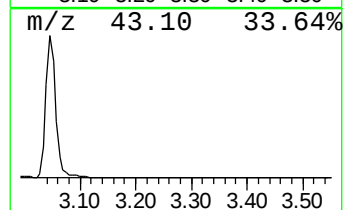
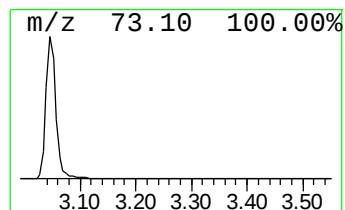
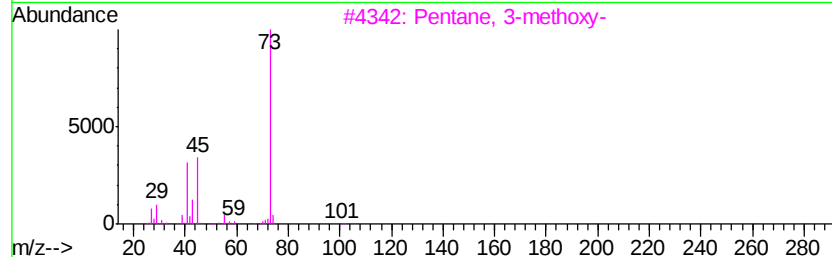
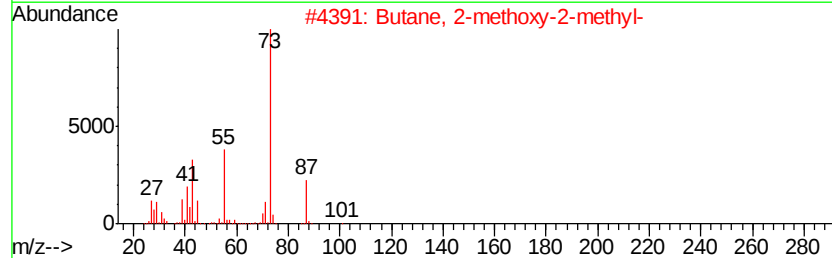
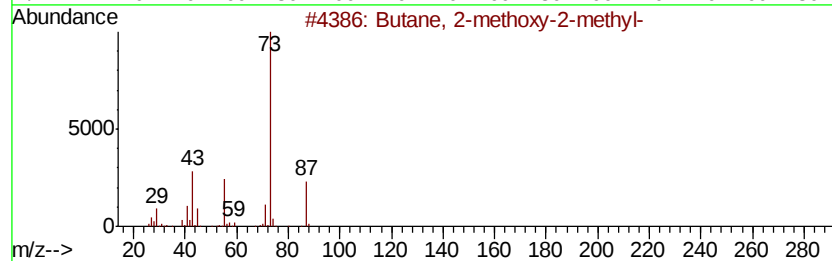
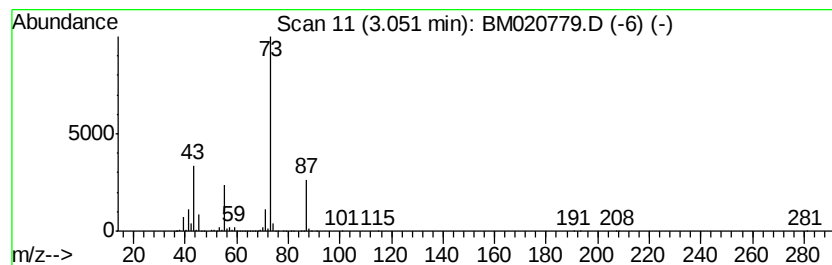
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc      | Area     | Relative to ISTD       | R.T. |
|------|--------------|----------|------------------------|------|
| 3.05 | 152.46 ng/ul | 10419600 | 1,4-Dichlorobenzene-d4 | 7.81 |

| 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    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

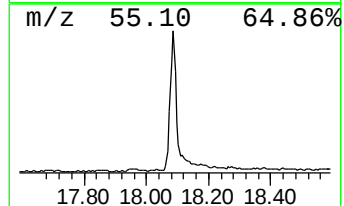
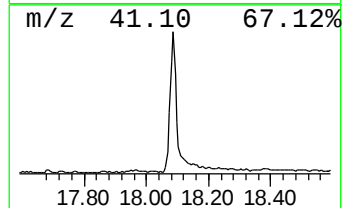
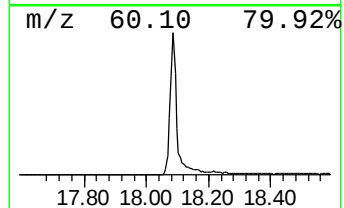
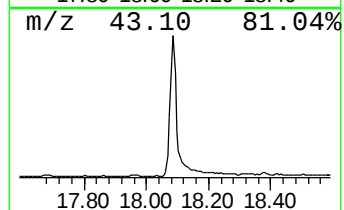
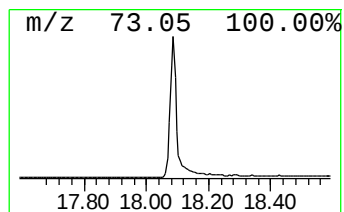
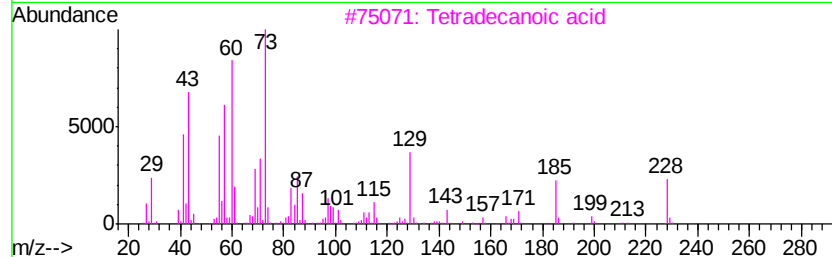
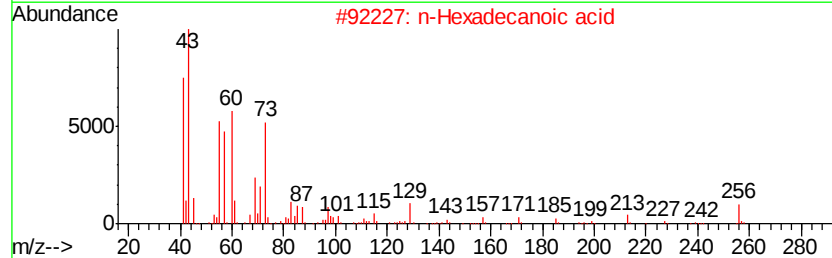
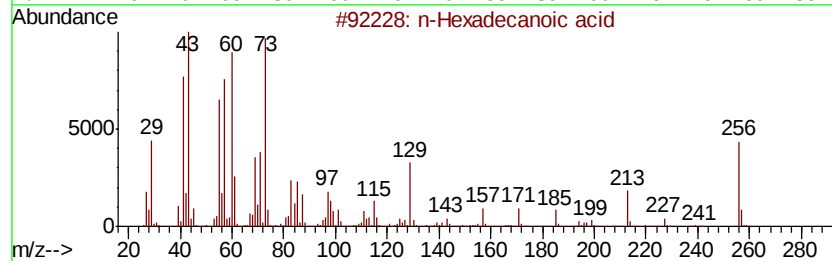
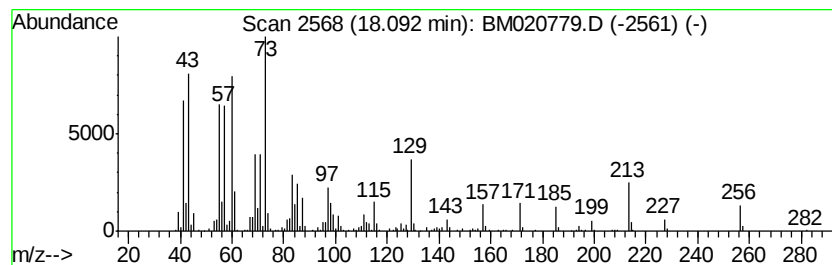
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 18.09 | 7.96 ng/ul | 1283500 | Phenanthrene-d10 | 17.19 |

| 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    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

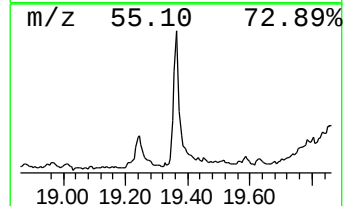
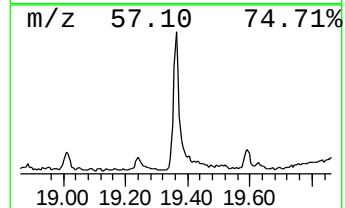
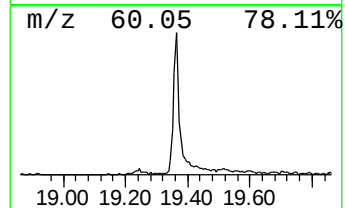
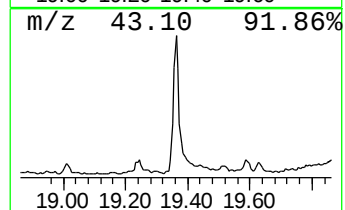
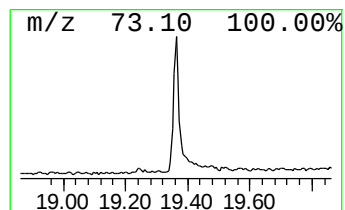
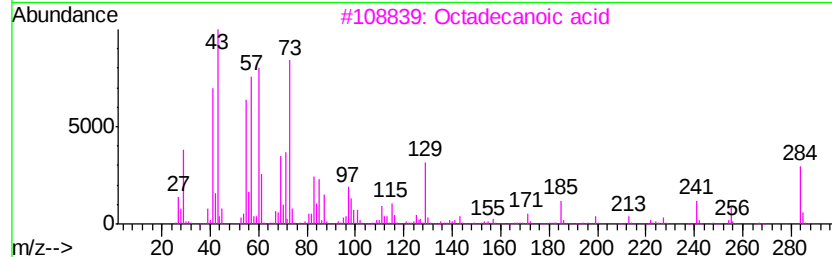
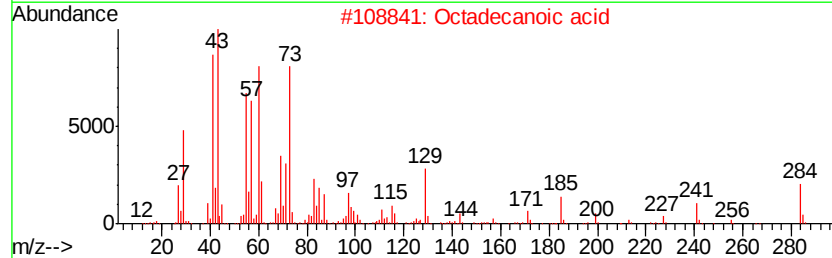
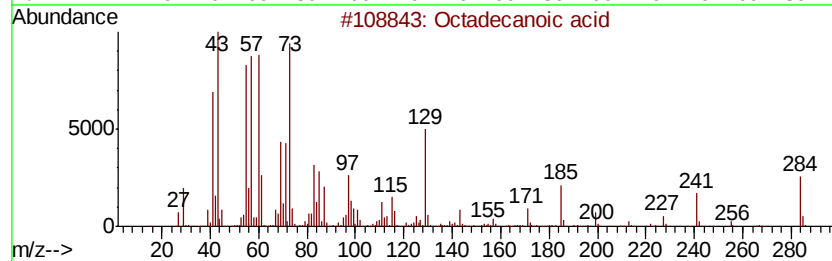
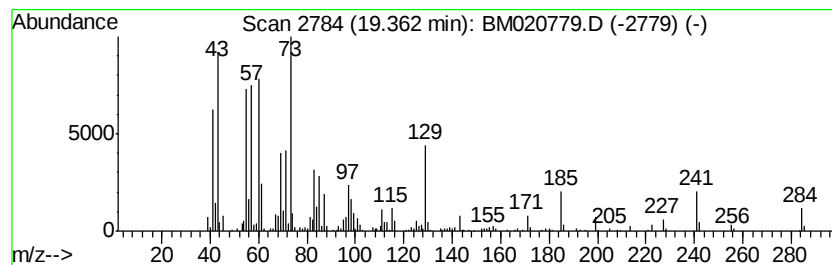
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Octadecanoic acid Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.36 | 4.26 ng/ul | 747522 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 97   |
| 3    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 96   |
| 4    |    | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 5    |    | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

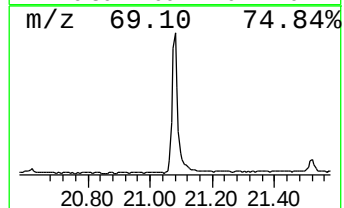
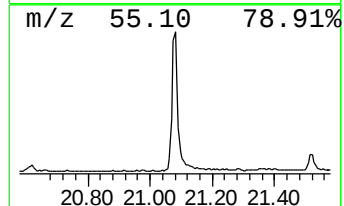
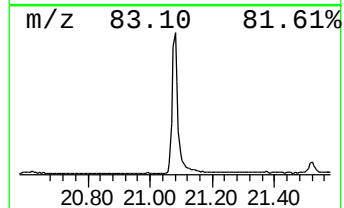
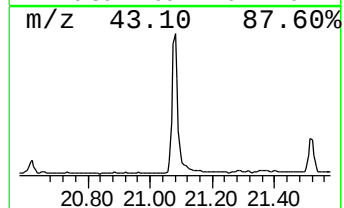
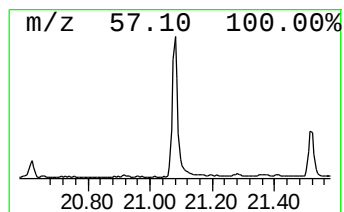
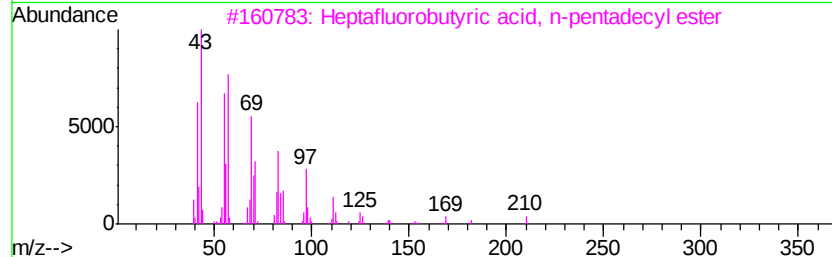
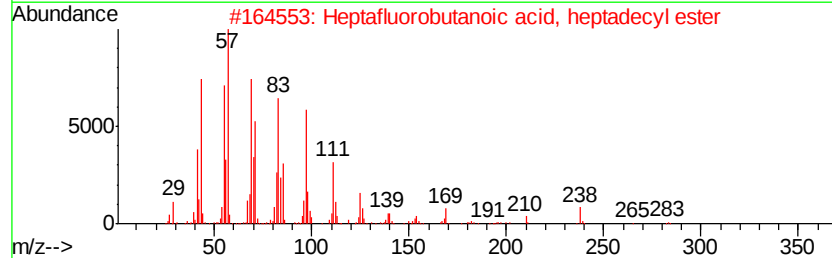
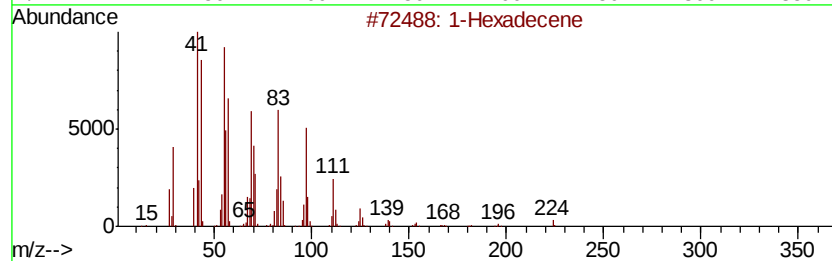
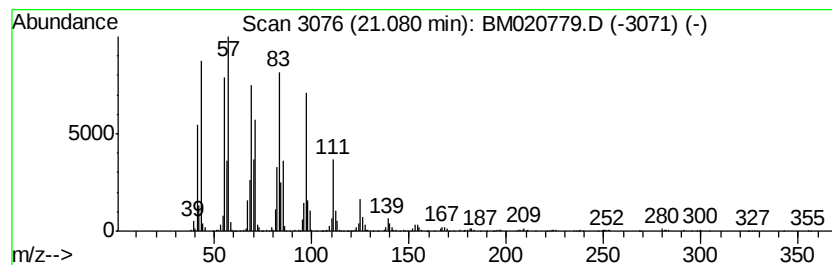
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 21.08 | 10.37 ng/ul | 1820470 | Chrysene-d12     | 21.37 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-------------|--------------|------|
| 1       | 1-Hexadecene                        |              | 224 | C16H32      | 000629-73-2  | 95   |
| 2       | Heptafluorobutanoic acid, heptad... |              | 452 | C21H35F7O2  | 1000282-97-3 | 94   |
| 3       | Heptafluorobutyric acid, n-penta... |              | 424 | C19H31F7O2  | 1000216-79-3 | 91   |
| 4       | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |
| 5       | Trichloroacetic acid, pentadecyl... |              | 372 | C17H31Cl3O2 | 074339-53-0  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

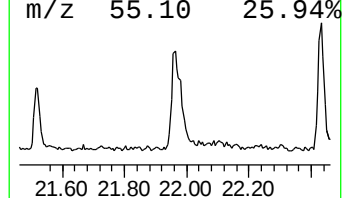
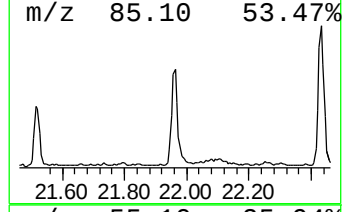
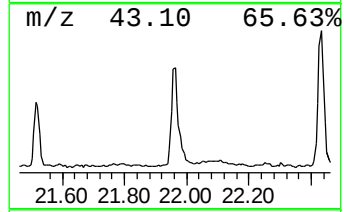
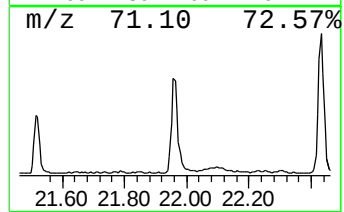
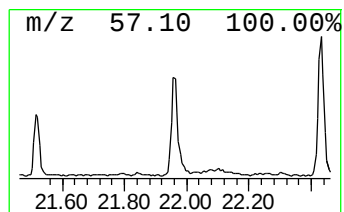
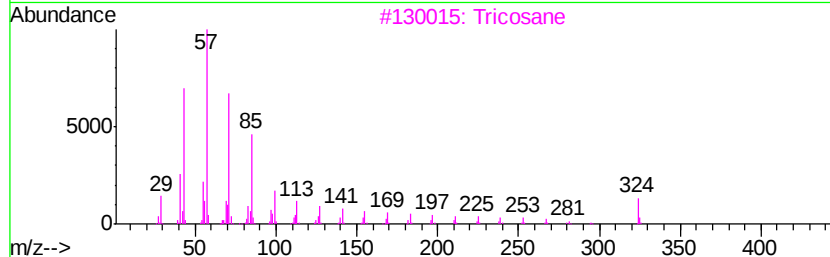
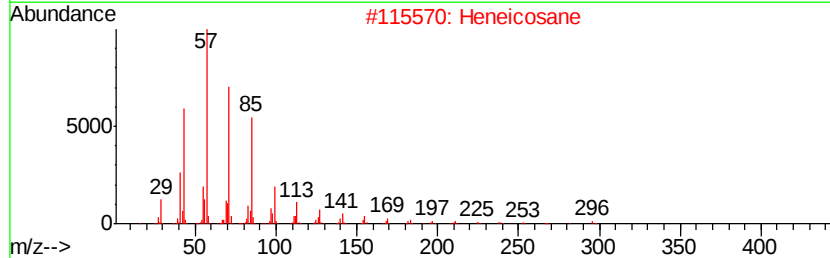
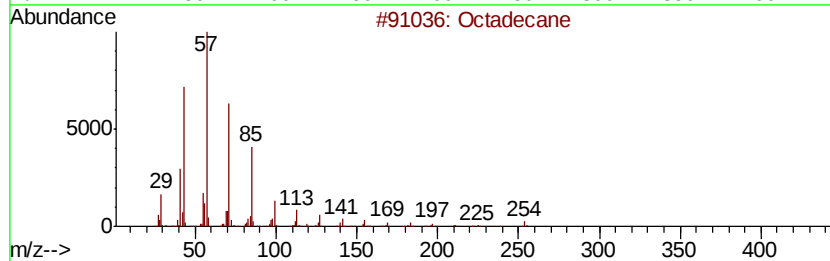
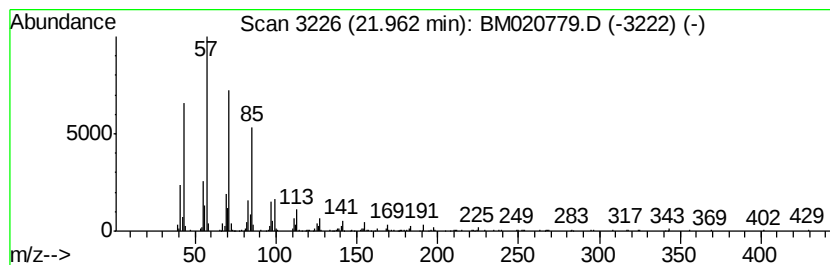
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.96 | 3.45 ng/ul | 605961 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane       | 254 | C18H38  | 000593-45-3 | 96   |
| 2    |    | Heneicosane      | 296 | C21H44  | 000629-94-7 | 95   |
| 3    |    | Tricosane        | 324 | C23H48  | 000638-67-5 | 93   |
| 4    |    | Tetratriacontane | 479 | C34H70  | 014167-59-0 | 90   |
| 5    |    | Octacosane       | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

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Quant Title : SVOA CALIBRATION

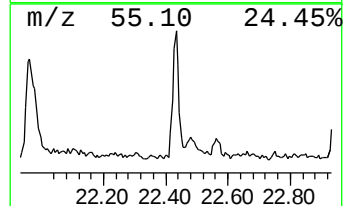
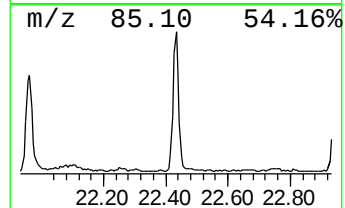
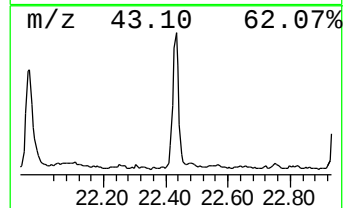
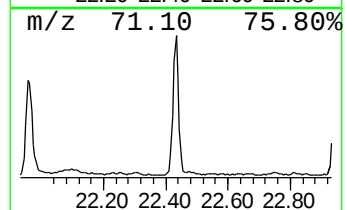
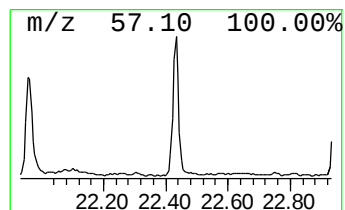
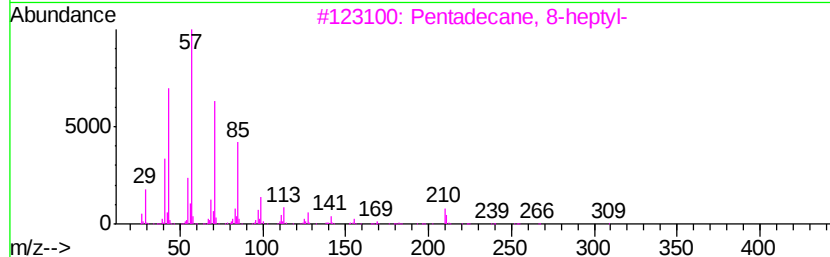
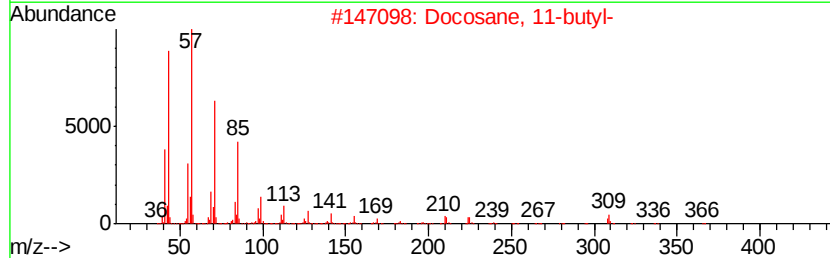
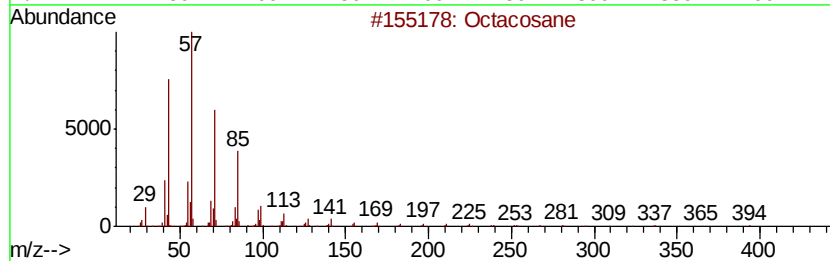
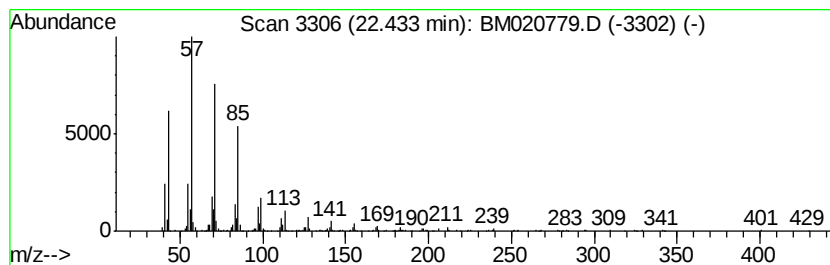
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.43 | 3.34 ng/ul | 586444 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane             | 394 | C28H58  | 000630-02-4 | 91   |
| 2    |    | Docosane, 11-butyl-    | 366 | C26H54  | 013475-76-8 | 91   |
| 3    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |
| 4    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Nonadecane             | 268 | C19H40  | 000629-92-5 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

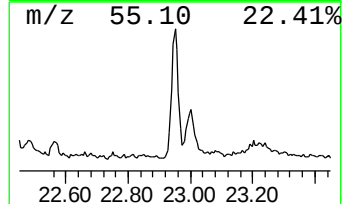
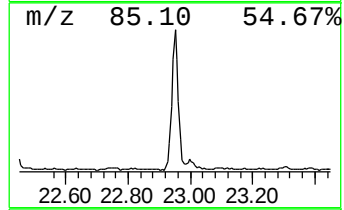
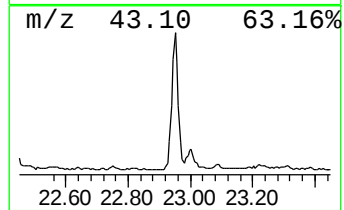
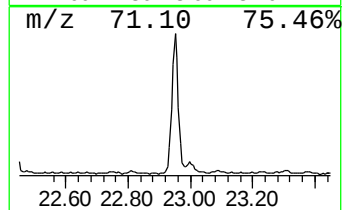
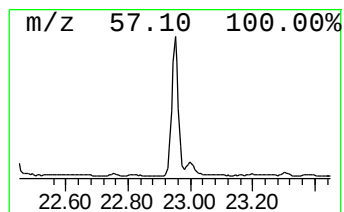
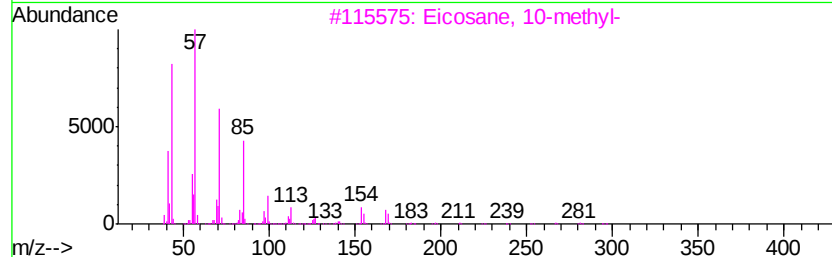
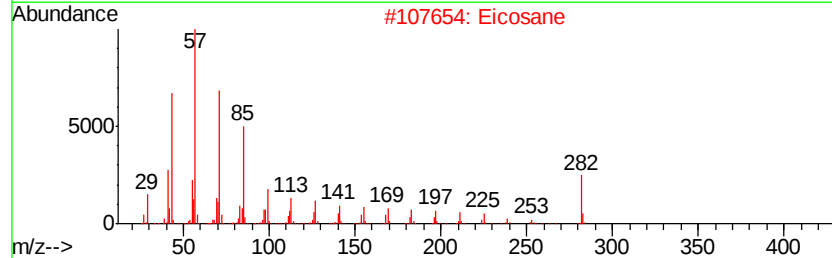
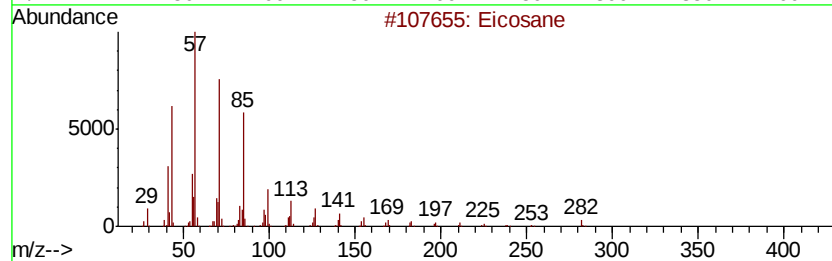
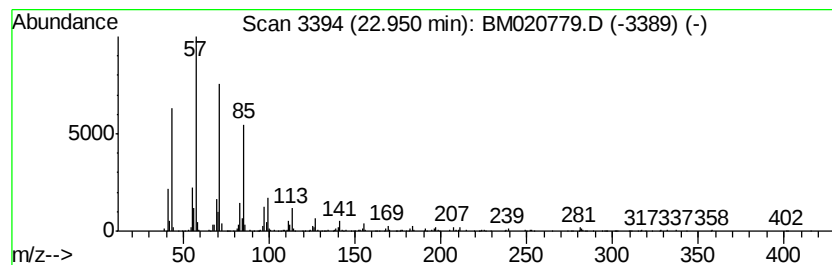
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.95 | 4.87 ng/ul | 872686 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane              | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 91   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

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

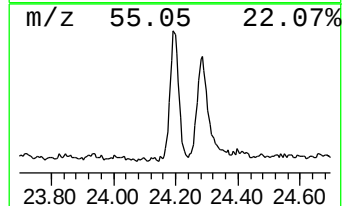
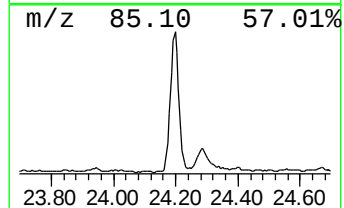
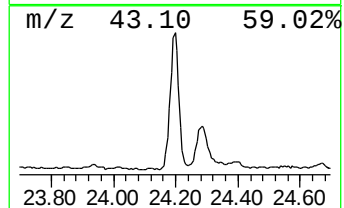
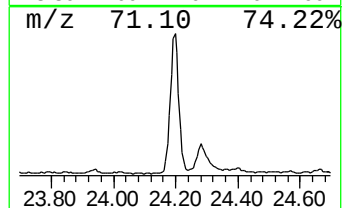
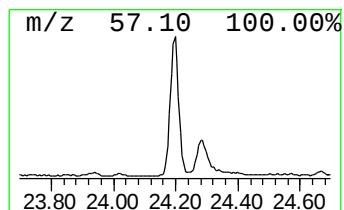
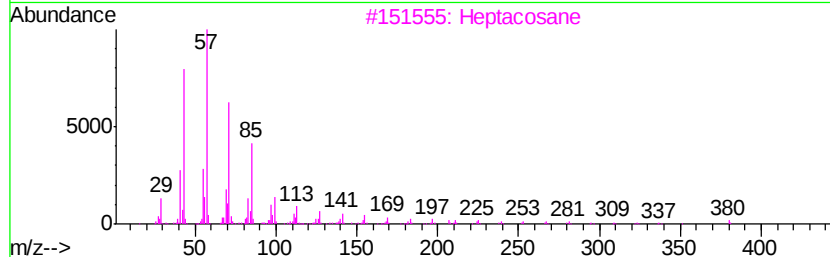
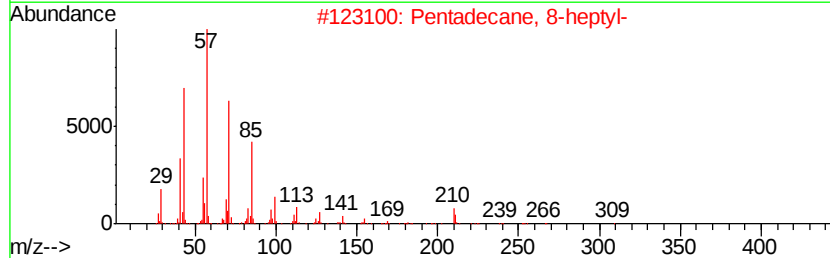
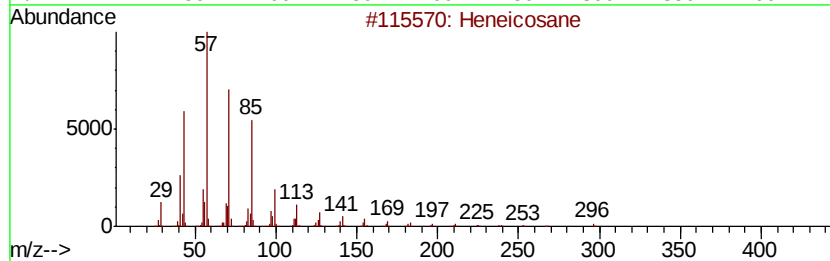
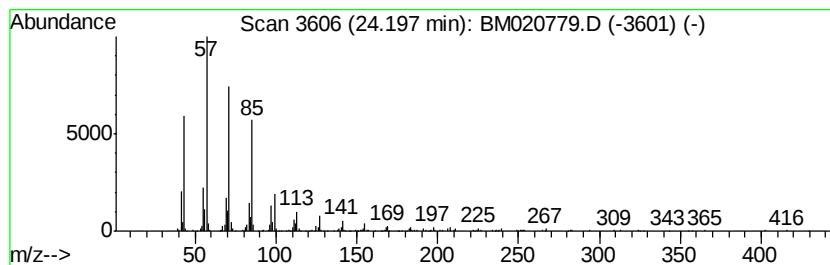
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.20 | 5.20 ng/ul | 931201 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |
| 3    |    | Heptacosane            | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    | triacontane            | 422 | C30H62  | 000638-68-6 | 91   |
| 5    |    | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

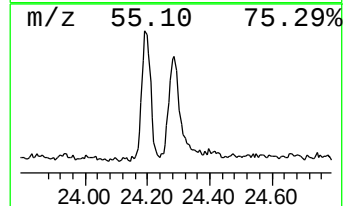
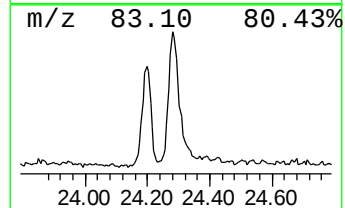
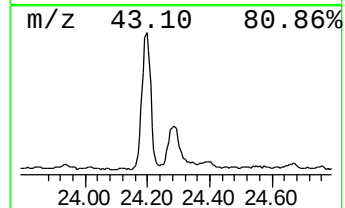
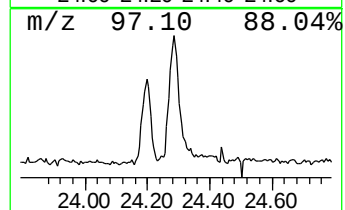
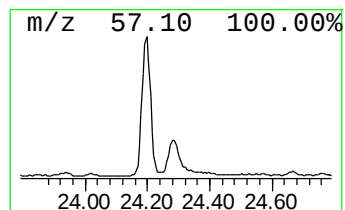
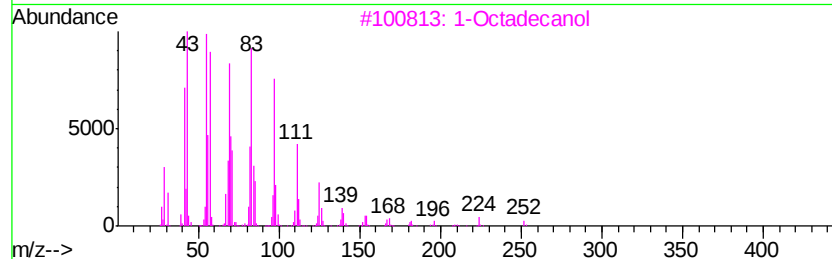
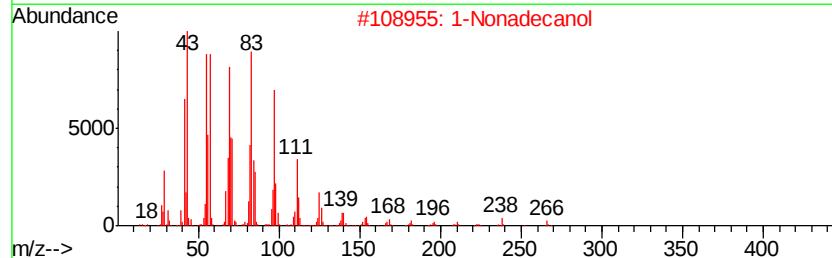
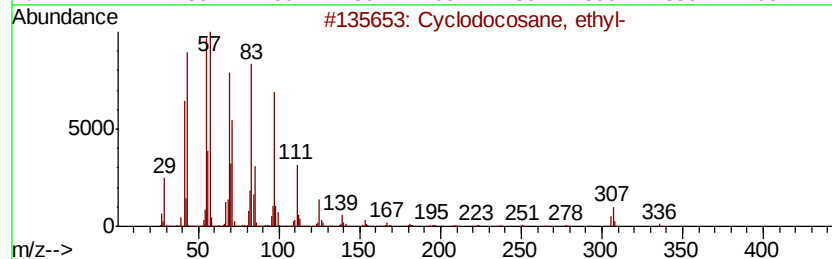
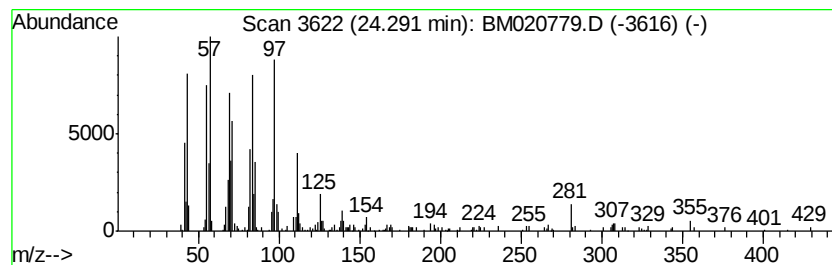
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Cyclic24.29 Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.29 | 3.14 ng/ul | 563330 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cyclodocosane, ethyl-               | 336 | C24H48     | 1000151-22-6 | 91   |
| 2    |    | 1-Nonadecanol                       | 284 | C19H40O    | 001454-84-8  | 76   |
| 3    |    | 1-Octadecanol                       | 270 | C18H38O    | 000112-92-5  | 76   |
| 4    |    | Cyclohexane, 1,2-dimethyl-3-pent... | 224 | C16H32     | 062376-17-4  | 74   |
| 5    |    | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2 | 1000282-97-3 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

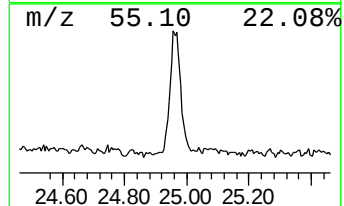
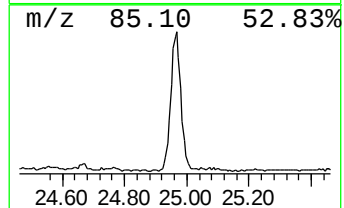
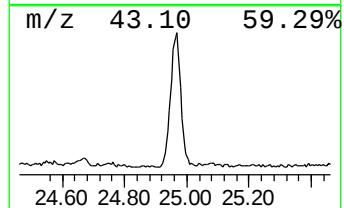
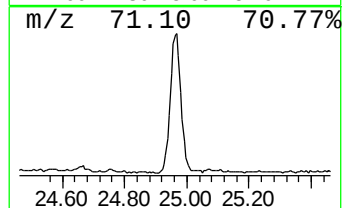
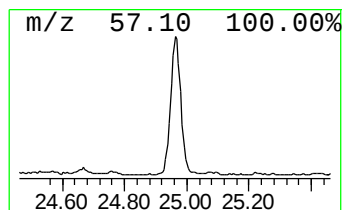
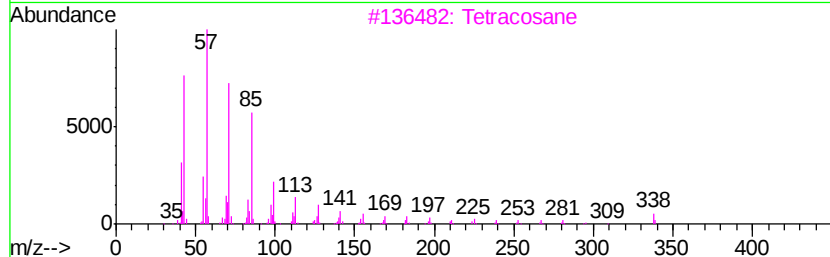
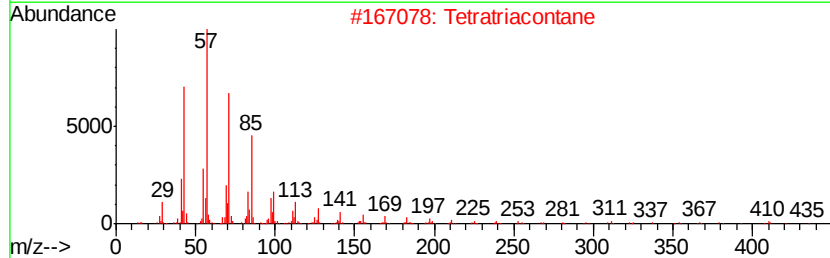
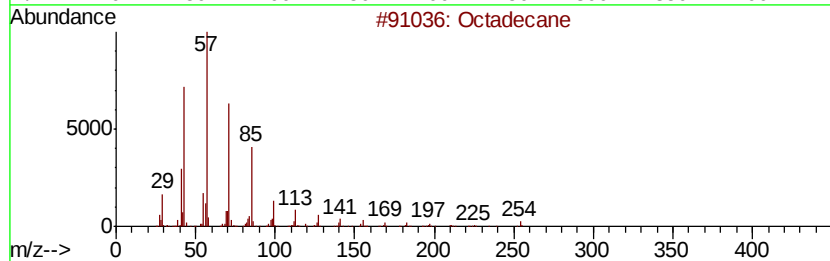
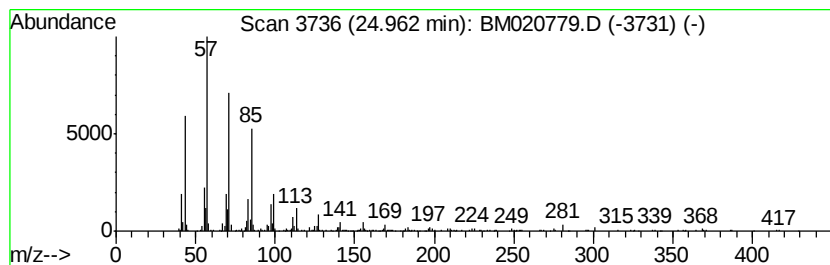
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.96 | 4.69 ng/ul | 840577 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane             | 254 | C18H38  | 000593-45-3 | 94   |
| 2    |    | Tetratriacontane       | 479 | C34H70  | 014167-59-0 | 90   |
| 3    |    | Tetracosane            | 338 | C24H50  | 000646-31-1 | 87   |
| 4    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 87   |
| 5    |    | Triacontane            | 422 | C30H62  | 000638-68-6 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM060619\  
Data File : BM020779.D  
Acq On : 07 Jun 2019 00:37  
Operator : HP/JU  
Sample : K3016-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A51D4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.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... | 3.05  | 152.5   | ng/ul | 10419600 | 1                     | 7.81  | 1366910 | 20.0 |
| n-Hexadecanoic acid  | 18.09 | 8.0     | ng/ul | 1283500  | 4                     | 17.19 | 3223840 | 20.0 |
| Octadecanoic acid    | 19.36 | 4.3     | ng/ul | 747522   | 5                     | 21.37 | 3509890 | 20.0 |
| (DEL) Alkane: Cyc... | 21.08 | 10.4    | ng/ul | 1820470  | 5                     | 21.37 | 3509890 | 20.0 |
| (DEL) Alkane: Str... | 21.96 | 3.5     | ng/ul | 605961   | 5                     | 21.37 | 3509890 | 20.0 |
| (DEL) Alkane: Str... | 22.43 | 3.3     | ng/ul | 586444   | 5                     | 21.37 | 3509890 | 20.0 |
| (DEL) Alkane: Str... | 22.95 | 4.9     | ng/ul | 872686   | 6                     | 23.65 | 3583240 | 20.0 |
| (DEL) Alkane: Str... | 24.20 | 5.2     | ng/ul | 931201   | 6                     | 23.65 | 3583240 | 20.0 |
| (DEL) Alkane: Cyc... | 24.29 | 3.1     | ng/ul | 563330   | 6                     | 23.65 | 3583240 | 20.0 |
| (DEL) Alkane: Str... | 24.96 | 4.7     | ng/ul | 840577   | 6                     | 23.65 | 3583240 | 20.0 |