

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
 Data File : BG041910.D  
 Acq On : 3 Aug 2019 15:16  
 Operator : HP/JU  
 Sample : K3850-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BENS2

## 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\_G\METHODS\SOM-EPA-BG080319MA.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         | 3.155       | 6             | 11          | 29           | rVB      | 1328193        | 2044524       | 100.00%         | 9.298%        |
| 2         | 3.419       | 53            | 56          | 61           | rVB4     | 6808           | 10405         | 0.51%           | 0.047%        |
| 3         | 3.948       | 140           | 146         | 153          | rVB3     | 20174          | 32757         | 1.60%           | 0.149%        |
| 4         | 4.083       | 163           | 169         | 177          | rVV4     | 9508           | 19490         | 0.95%           | 0.089%        |
| 5         | 4.183       | 181           | 186         | 192          | rVB2     | 17396          | 27978         | 1.37%           | 0.127%        |
| 6         | 4.548       | 242           | 248         | 251          | rVB5     | 2318           | 4537          | 0.22%           | 0.021%        |
| 7         | 4.636       | 260           | 263         | 271          | rBV4     | 3632           | 7007          | 0.34%           | 0.032%        |
| 8         | 4.741       | 279           | 281         | 287          | rVB6     | 2770           | 3404          | 0.17%           | 0.015%        |
| 9         | 5.106       | 339           | 343         | 350          | rBV3     | 10643          | 16690         | 0.82%           | 0.076%        |
| 10        | 5.652       | 431           | 436         | 440          | rBV6     | 2114           | 3267          | 0.16%           | 0.015%        |
| 11        | 6.040       | 498           | 502         | 505          | rVB5     | 3071           | 3334          | 0.16%           | 0.015%        |
| 12        | 6.663       | 606           | 608         | 612          | rBV4     | 2265           | 3150          | 0.15%           | 0.014%        |
| 13        | 7.186       | 689           | 697         | 707          | rBV      | 173621         | 321405        | 15.72%          | 1.462%        |
| 14        | 7.350       | 718           | 725         | 733          | rBV      | 122155         | 213400        | 10.44%          | 0.970%        |
| 15        | 7.562       | 753           | 761         | 770          | rBV      | 179200         | 323794        | 15.84%          | 1.472%        |
| 16        | 7.662       | 774           | 778         | 787          | rVB5     | 8400           | 18944         | 0.93%           | 0.086%        |
| 17        | 8.038       | 835           | 842         | 858          | rVB      | 293030         | 515487        | 25.21%          | 2.344%        |
| 18        | 8.273       | 879           | 882         | 889          | rVB6     | 2080           | 4063          | 0.20%           | 0.018%        |
| 19        | 8.390       | 896           | 902         | 908          | rBV5     | 6610           | 11896         | 0.58%           | 0.054%        |
| 20        | 8.543       | 923           | 928         | 933          | rVV3     | 6316           | 11543         | 0.56%           | 0.052%        |
| 21        | 8.596       | 933           | 937         | 941          | rVB4     | 2608           | 4232          | 0.21%           | 0.019%        |
| 22        | 8.690       | 948           | 953         | 955          | rBV3     | 2719           | 3861          | 0.19%           | 0.018%        |
| 23        | 8.743       | 955           | 962         | 973          | rVV      | 172409         | 318463        | 15.58%          | 1.448%        |
| 24        | 8.860       | 977           | 982         | 989          | rVB2     | 16106          | 29782         | 1.46%           | 0.135%        |
| 25        | 9.201       | 1033          | 1040        | 1047         | rVV      | 165837         | 297841        | 14.57%          | 1.354%        |
| 26        | 9.283       | 1050          | 1054        | 1061         | rVV5     | 6341           | 12288         | 0.60%           | 0.056%        |
| 27        | 9.371       | 1064          | 1069        | 1073         | rVB6     | 2292           | 3388          | 0.17%           | 0.015%        |
| 28        | 9.653       | 1113          | 1117        | 1120         | rVB3     | 2741           | 3785          | 0.19%           | 0.017%        |
| 29        | 9.929       | 1154          | 1164        | 1174         | rBV      | 139292         | 260376        | 12.74%          | 1.184%        |
| 30        | 10.024      | 1174          | 1180        | 1185         | rBV2     | 10889          | 22005         | 1.08%           | 0.100%        |
| 31        | 10.288      | 1216          | 1225        | 1231         | rBV8     | 4335           | 8416          | 0.41%           | 0.038%        |
| 32        | 10.476      | 1250          | 1257        | 1268         | rBV      | 221595         | 419981        | 20.54%          | 1.910%        |
| 33        | 10.864      | 1314          | 1323        | 1336         | rBV      | 404321         | 771618        | 37.74%          | 3.509%        |
| 34        | 10.993      | 1336          | 1345        | 1360         | rBV2     | 73989          | 195919        | 9.58%           | 0.891%        |

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Filtering: 5  
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 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\_G\METHODS\SOM-EPA-BG080319MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 11.392 | 1408 | 1413 | 1415 | rBV3 | 2181   | 2913    | 0.14%  | 0.013% |
| 36 | 11.892 | 1493 | 1498 | 1502 | rBV3 | 2913   | 3941    | 0.19%  | 0.018% |
| 37 | 12.033 | 1517 | 1522 | 1527 | rBV2 | 3278   | 5326    | 0.26%  | 0.024% |
| 38 | 12.286 | 1560 | 1565 | 1570 | rBV4 | 4702   | 8256    | 0.40%  | 0.038% |
| 39 | 12.380 | 1572 | 1581 | 1589 | rVV  | 22145  | 39896   | 1.95%  | 0.181% |
| 40 | 12.444 | 1589 | 1592 | 1597 | rVV4 | 3925   | 6970    | 0.34%  | 0.032% |
| 41 | 12.532 | 1600 | 1607 | 1616 | rBV4 | 22592  | 52335   | 2.56%  | 0.238% |
| 42 | 12.738 | 1637 | 1642 | 1648 | rBV2 | 6705   | 11628   | 0.57%  | 0.053% |
| 43 | 13.267 | 1724 | 1732 | 1736 | rBV2 | 9022   | 17967   | 0.88%  | 0.082% |
| 44 | 13.296 | 1736 | 1737 | 1745 | rVB4 | 2673   | 3861    | 0.19%  | 0.018% |
| 45 | 13.525 | 1772 | 1776 | 1782 | rVB3 | 7900   | 11773   | 0.58%  | 0.054% |
| 46 | 13.749 | 1812 | 1814 | 1819 | rVB3 | 3125   | 3210    | 0.16%  | 0.015% |
| 47 | 13.807 | 1819 | 1824 | 1828 | rBV4 | 4354   | 7711    | 0.38%  | 0.035% |
| 48 | 13.872 | 1828 | 1835 | 1840 | rVV4 | 8985   | 18773   | 0.92%  | 0.085% |
| 49 | 13.966 | 1848 | 1851 | 1855 | rBV4 | 2814   | 4296    | 0.21%  | 0.020% |
| 50 | 14.025 | 1855 | 1861 | 1866 | rVV4 | 22222  | 45125   | 2.21%  | 0.205% |
| 51 | 14.095 | 1866 | 1873 | 1877 | rVV  | 415524 | 644758  | 31.54% | 2.932% |
| 52 | 14.142 | 1877 | 1881 | 1887 | rVB  | 167131 | 241225  | 11.80% | 1.097% |
| 53 | 14.248 | 1897 | 1899 | 1904 | rBV3 | 3623   | 5098    | 0.25%  | 0.023% |
| 54 | 14.389 | 1914 | 1923 | 1937 | rBV  | 507941 | 856369  | 41.89% | 3.894% |
| 55 | 14.595 | 1954 | 1958 | 1962 | rBV2 | 7622   | 10072   | 0.49%  | 0.046% |
| 56 | 14.695 | 1965 | 1975 | 1982 | rBV  | 689626 | 1117227 | 54.64% | 5.081% |
| 57 | 14.753 | 1982 | 1985 | 1993 | rVB5 | 9249   | 18416   | 0.90%  | 0.084% |
| 58 | 14.877 | 2001 | 2006 | 2020 | rBV2 | 64615  | 152135  | 7.44%  | 0.692% |
| 59 | 15.035 | 2027 | 2033 | 2036 | rBV7 | 6613   | 11469   | 0.56%  | 0.052% |
| 60 | 15.100 | 2039 | 2044 | 2050 | rVV2 | 16627  | 30523   | 1.49%  | 0.139% |
| 61 | 15.170 | 2054 | 2056 | 2062 | rVB3 | 6559   | 8950    | 0.44%  | 0.041% |
| 62 | 15.311 | 2077 | 2080 | 2081 | rVV3 | 2651   | 3253    | 0.16%  | 0.015% |
| 63 | 15.353 | 2086 | 2087 | 2095 | rVB4 | 5814   | 7972    | 0.39%  | 0.036% |
| 64 | 15.435 | 2095 | 2101 | 2105 | rBV5 | 6166   | 12038   | 0.59%  | 0.055% |
| 65 | 15.488 | 2105 | 2110 | 2114 | rBV7 | 5432   | 10410   | 0.51%  | 0.047% |
| 66 | 15.546 | 2117 | 2120 | 2125 | rVB4 | 10469  | 16728   | 0.82%  | 0.076% |
| 67 | 15.611 | 2125 | 2131 | 2132 | rBV4 | 3765   | 5475    | 0.27%  | 0.025% |
| 68 | 15.687 | 2134 | 2144 | 2150 | rBV  | 683098 | 1035742 | 50.66% | 4.710% |
| 69 | 15.740 | 2150 | 2153 | 2159 | rVB4 | 16754  | 25245   | 1.23%  | 0.115% |
| 70 | 15.799 | 2159 | 2163 | 2170 | rVB2 | 35280  | 55834   | 2.73%  | 0.254% |
| 71 | 15.899 | 2178 | 2180 | 2181 | rBV2 | 3402   | 2828    | 0.14%  | 0.013% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 15.922 | 2181 | 2184 | 2189 | rBV5 | 8467   | 17143   | 0.84%  | 0.078% |
| 73  | 16.034 | 2201 | 2203 | 2209 | rVB5 | 10245  | 17446   | 0.85%  | 0.079% |
| 74  | 16.110 | 2212 | 2216 | 2218 | rBV5 | 3818   | 3815    | 0.19%  | 0.017% |
| 75  | 16.187 | 2224 | 2229 | 2236 | rVB4 | 9498   | 19465   | 0.95%  | 0.089% |
| 76  | 16.346 | 2253 | 2256 | 2257 | rBV2 | 6979   | 8323    | 0.41%  | 0.038% |
| 77  | 16.416 | 2264 | 2268 | 2275 | rBV4 | 21218  | 44748   | 2.19%  | 0.203% |
| 78  | 16.522 | 2283 | 2286 | 2287 | rBV3 | 5524   | 6153    | 0.30%  | 0.028% |
| 79  | 16.551 | 2287 | 2291 | 2295 | rBV7 | 13424  | 25571   | 1.25%  | 0.116% |
| 80  | 16.675 | 2308 | 2312 | 2313 | rBV4 | 6989   | 7582    | 0.37%  | 0.034% |
| 81  | 16.757 | 2323 | 2326 | 2331 | rVB6 | 15142  | 21051   | 1.03%  | 0.096% |
| 82  | 16.839 | 2338 | 2340 | 2344 | rBV5 | 7891   | 9030    | 0.44%  | 0.041% |
| 83  | 16.980 | 2360 | 2364 | 2366 | rBV5 | 12268  | 15395   | 0.75%  | 0.070% |
| 84  | 17.098 | 2380 | 2384 | 2391 | rBV2 | 22345  | 39621   | 1.94%  | 0.180% |
| 85  | 17.338 | 2421 | 2425 | 2432 | rBV2 | 70285  | 110702  | 5.41%  | 0.503% |
| 86  | 17.403 | 2433 | 2436 | 2438 | rVV3 | 36596  | 45361   | 2.22%  | 0.206% |
| 87  | 17.450 | 2438 | 2444 | 2448 | rVV2 | 804265 | 1295153 | 63.35% | 5.890% |
| 88  | 17.485 | 2448 | 2450 | 2455 | rVV  | 251444 | 350472  | 17.14% | 1.594% |
| 89  | 17.544 | 2455 | 2460 | 2470 | rVB2 | 667645 | 1033923 | 50.57% | 4.702% |
| 90  | 18.220 | 2573 | 2575 | 2581 | rBV4 | 41224  | 59180   | 2.89%  | 0.269% |
| 91  | 18.343 | 2591 | 2596 | 2599 | rBV2 | 299936 | 430551  | 21.06% | 1.958% |
| 92  | 18.519 | 2622 | 2626 | 2630 | rBV3 | 188136 | 256564  | 12.55% | 1.167% |
| 93  | 18.801 | 2671 | 2674 | 2680 | rBV3 | 70196  | 127218  | 6.22%  | 0.579% |
| 94  | 19.371 | 2767 | 2771 | 2778 | rVB4 | 159061 | 255992  | 12.52% | 1.164% |
| 95  | 19.501 | 2789 | 2793 | 2800 | rVB  | 692833 | 956067  | 46.76% | 4.348% |
| 96  | 19.836 | 2845 | 2850 | 2853 | rBV  | 930402 | 1492526 | 73.00% | 6.787% |
| 97  | 21.375 | 3109 | 3112 | 3122 | rVB3 | 318842 | 581704  | 28.45% | 2.645% |
| 98  | 21.733 | 3166 | 3173 | 3178 | rBV2 | 938773 | 1985797 | 97.13% | 9.031% |
| 99  | 24.113 | 3572 | 3578 | 3583 | rBV  | 623343 | 1260304 | 61.64% | 5.731% |
| 100 | 25.012 | 3726 | 3731 | 3739 | rVB2 | 410864 | 1048004 | 51.26% | 4.766% |

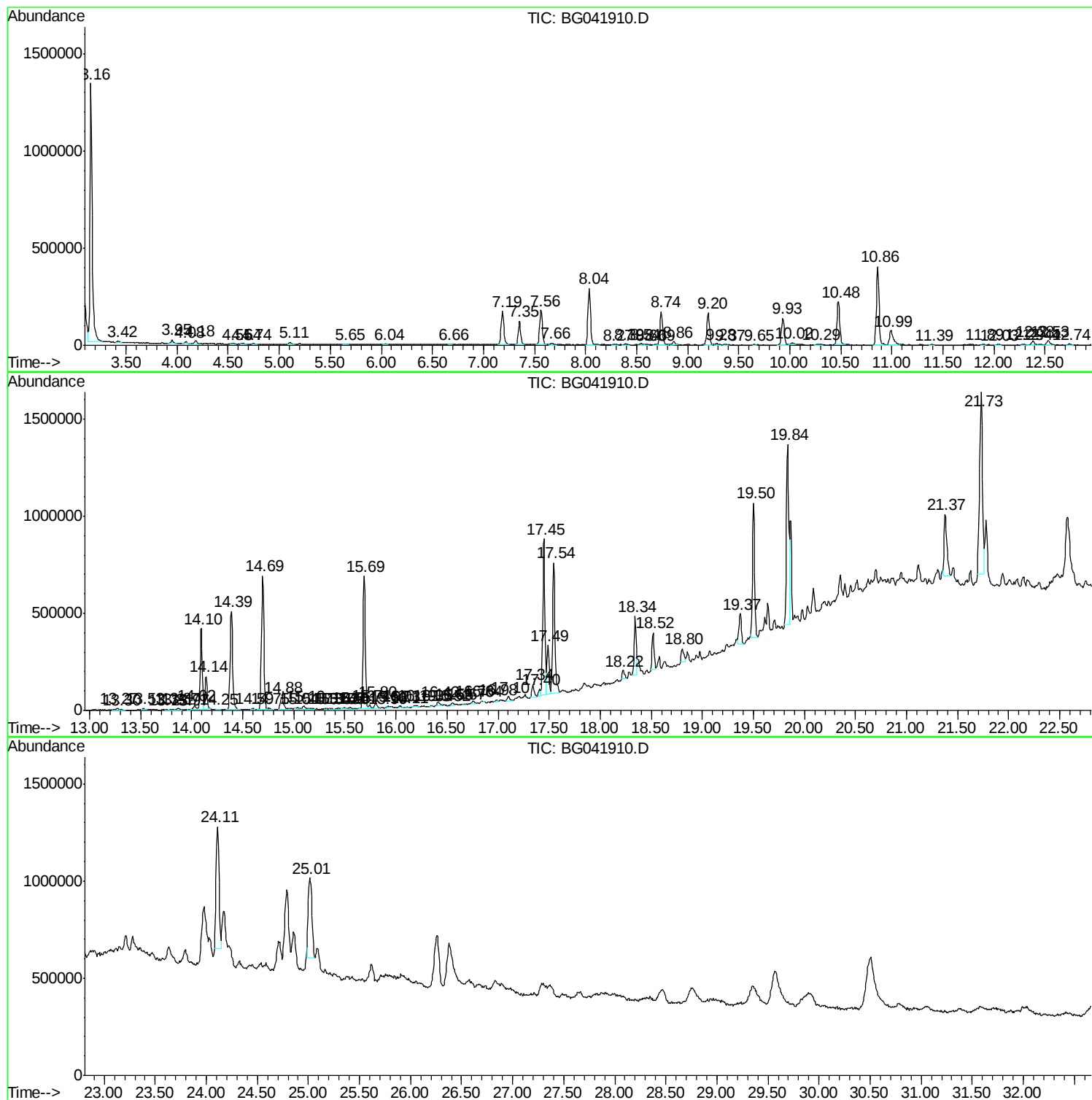
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

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



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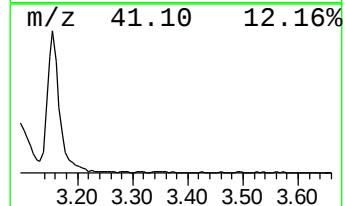
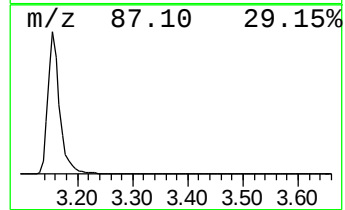
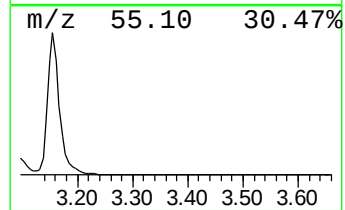
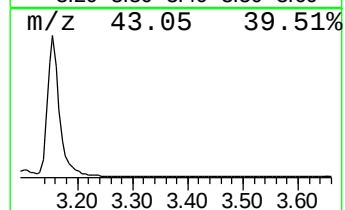
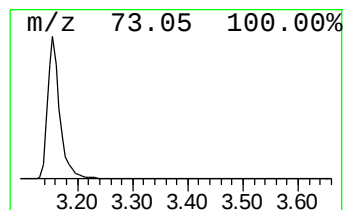
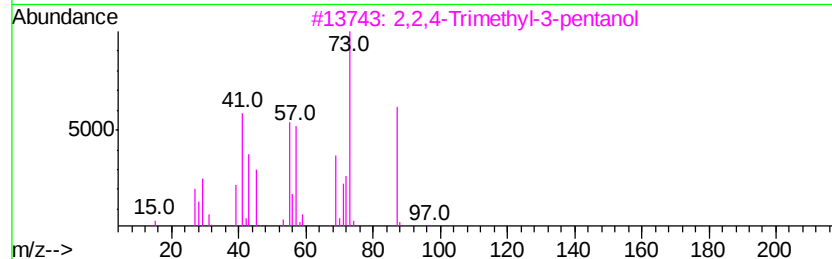
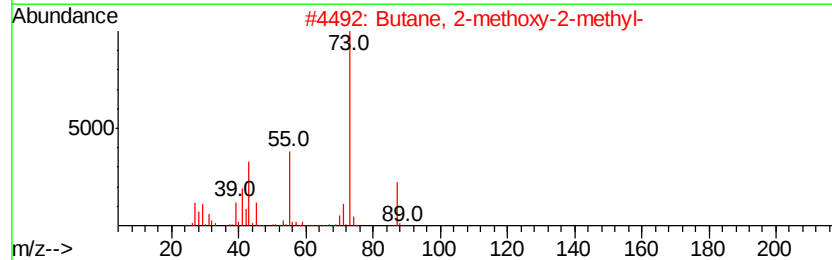
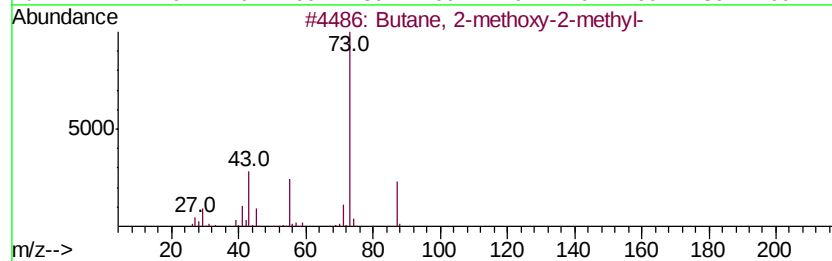
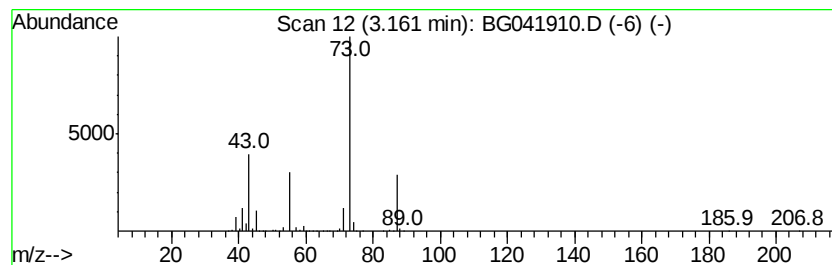
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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. |
|------|-------------|---------|------------------------|------|
| 3.16 | 79.32 ng/ul | 2044520 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 53   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 4    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 35   |



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Quant Title : SVOA CALIBRATION

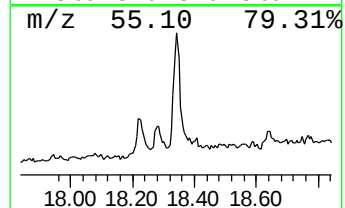
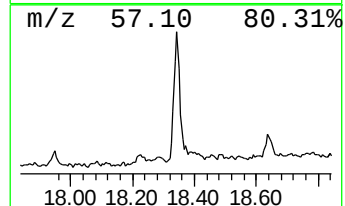
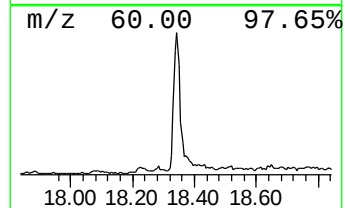
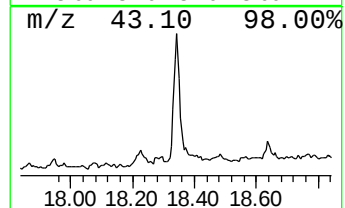
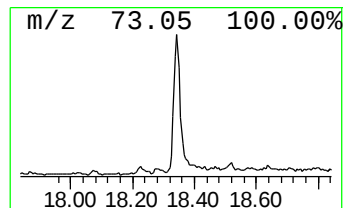
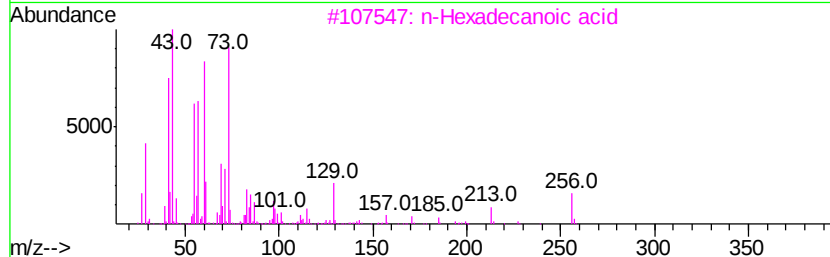
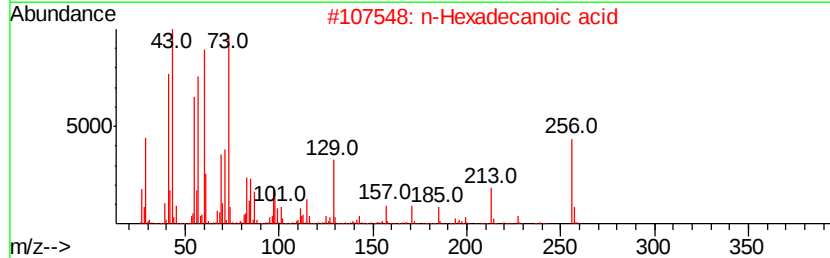
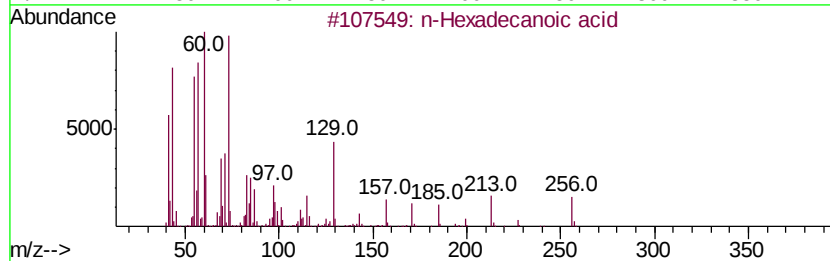
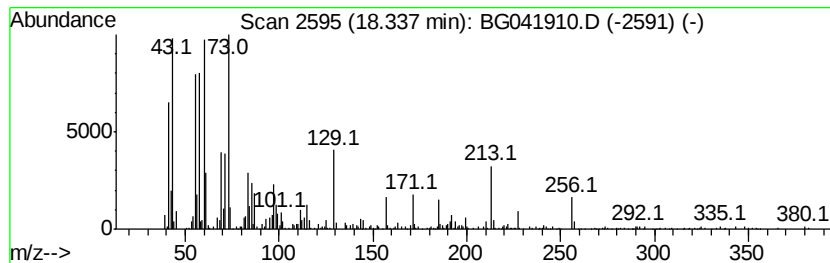
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.34 | 6.65 ng/ul | 430551 | Phenanthrene-d10 | 17.45 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 99   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 96   |      |
| 3       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 93   |      |
| 4       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 92   |      |
| 5       | Octadecanoic acid   | 284          | C18H36O2 | 000057-11-4 | 90   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
Data File : BG041910.D  
Acq On : 3 Aug 2019 15:16  
Operator : HP/JU  
Sample : K3850-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

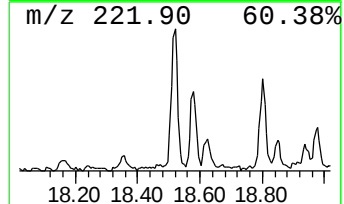
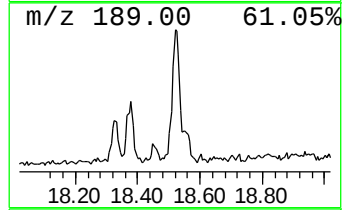
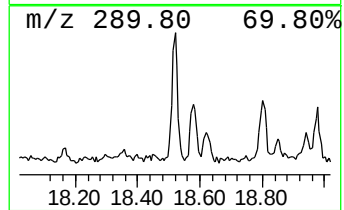
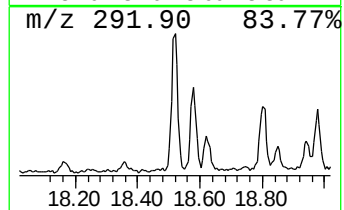
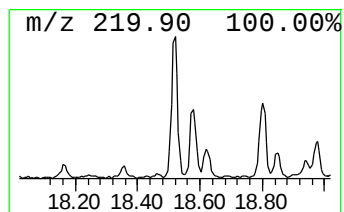
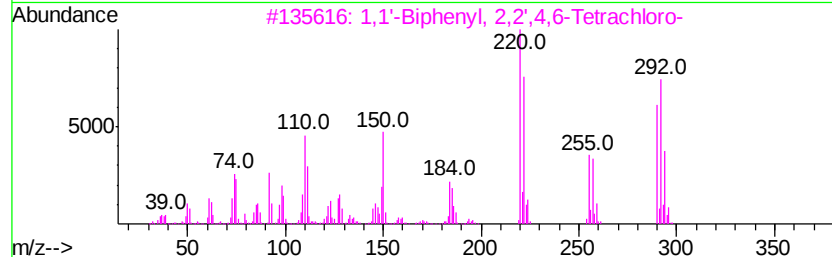
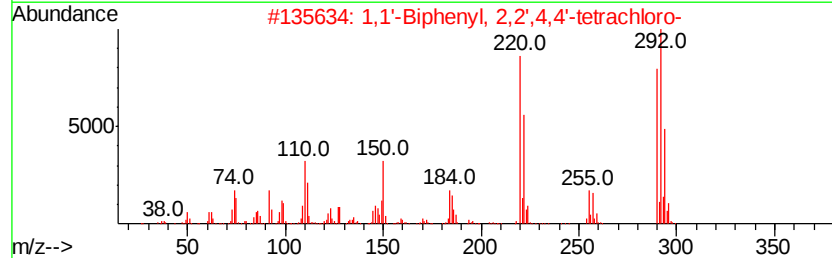
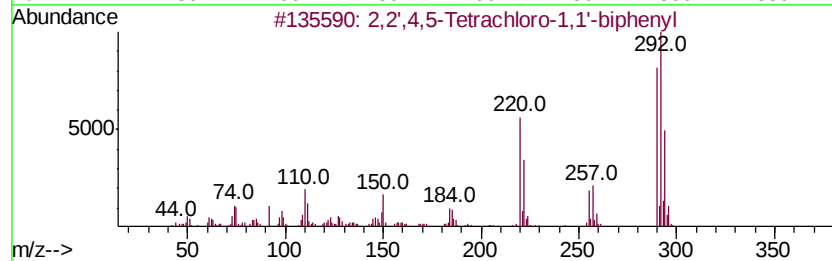
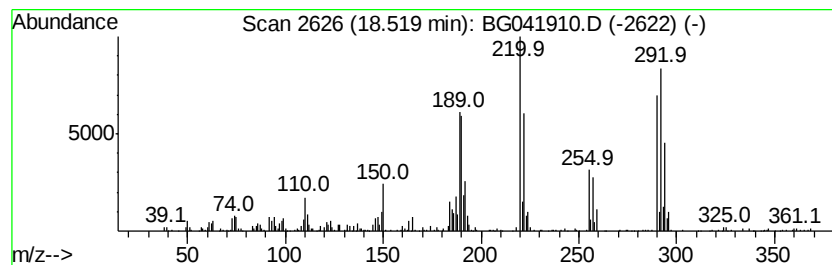
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.52 | 3.96 ng/ul | 256564 | Phenanthrene-d10 | 17.45 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2,2',4,5-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4 | 070362-47-9 | 99   |
| 2    |    | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99   |
| 3    |    | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99   |
| 4    |    | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290 | C12H6Cl4 | 041464-40-8 | 99   |
| 5    |    | 2,2',4,6'-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 068194-04-7 | 99   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
Data File : BG041910.D  
Acq On : 3 Aug 2019 15:16  
Operator : HP/JU  
Sample : K3850-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

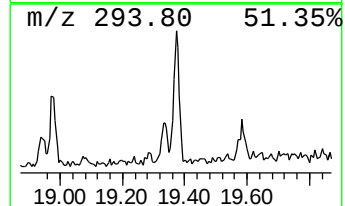
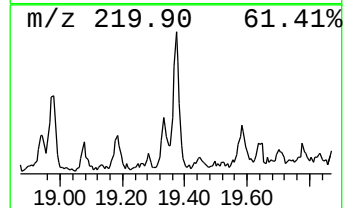
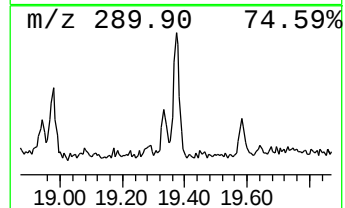
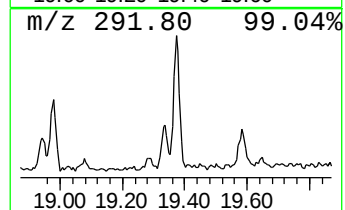
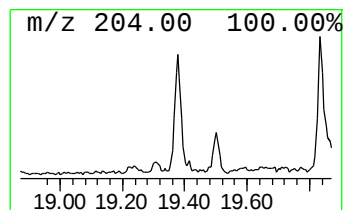
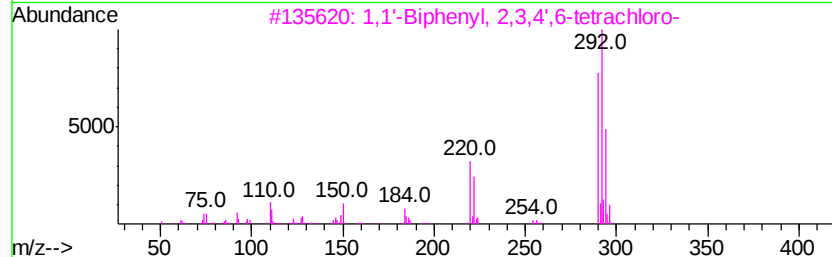
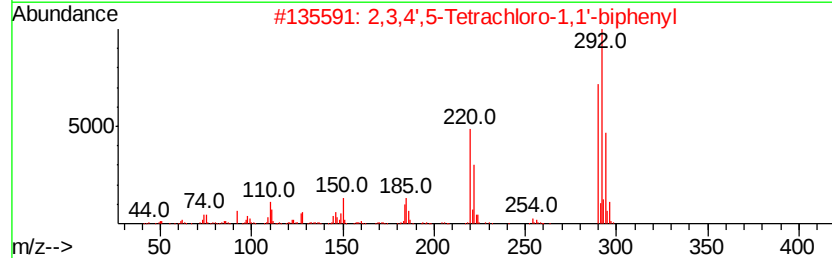
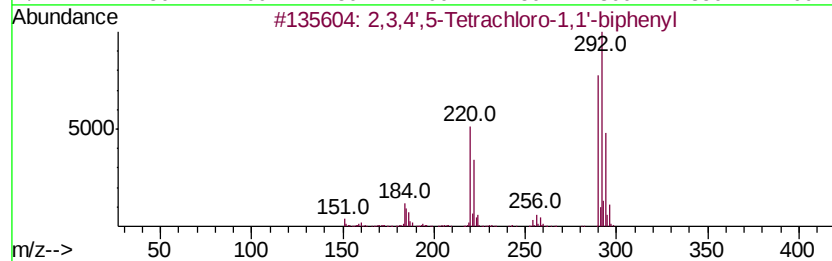
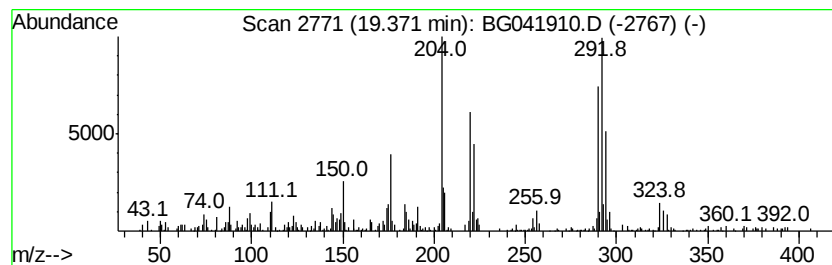
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.37 | 3.95 ng/ul | 255992 | Phenanthrene-d10 | 17.45 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,3,4',5-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4     | 074472-34-7 | 97      |      |      |
| 2    | 2,3,4',5-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4     | 074472-34-7 | 97      |      |      |
| 3    | 1,1'-Biphenyl, 2,3,4',6-tetrachl... | 290 | C12H6Cl4     | 052663-58-8 | 96      |      |      |
| 4    | 1,1'-Biphenyl, 3,3',4,4'-tetrach... | 290 | C12H6Cl4     | 032598-13-3 | 95      |      |      |
| 5    | 2,3',4,5'-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4     | 073575-52-7 | 95      |      |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
Data File : BG041910.D  
Acq On : 3 Aug 2019 15:16  
Operator : HP/JU  
Sample : K3850-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

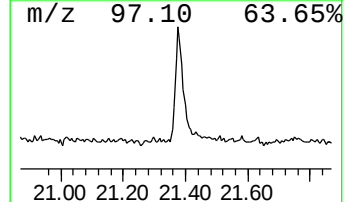
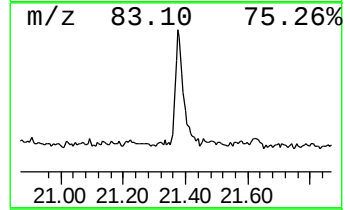
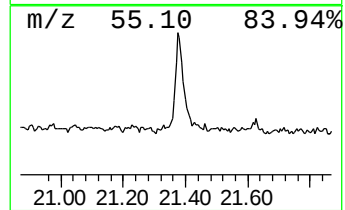
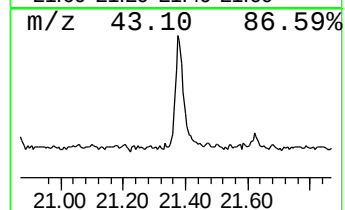
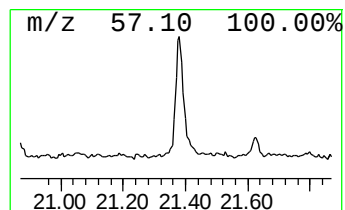
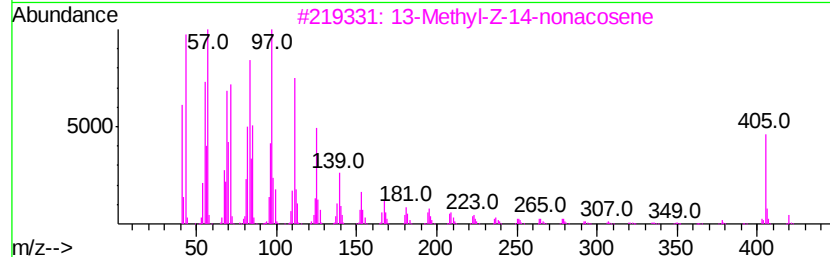
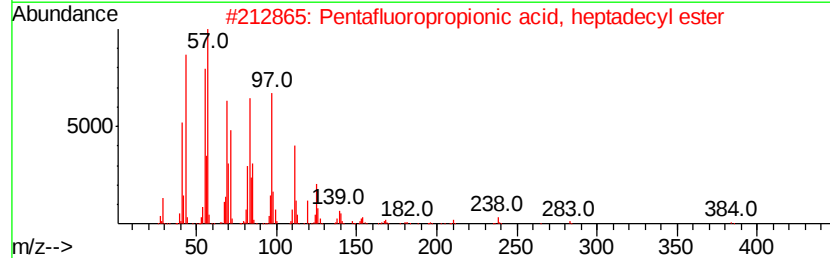
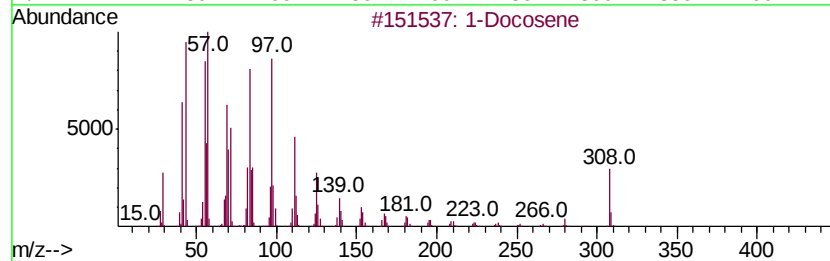
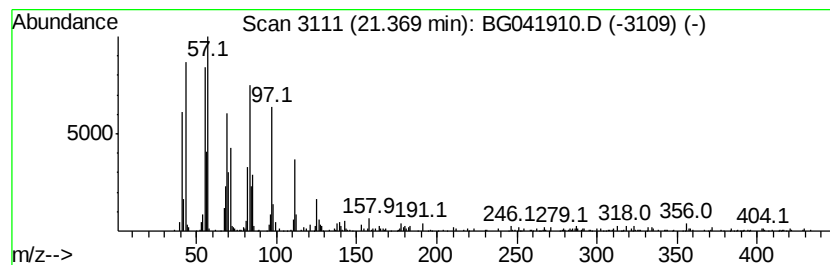
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Cyclic21.37 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.37 | 5.86 ng/ul | 581704 | Chrysene-d12     | 21.73 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|------------|--------------|------|
| 1       | 1-Docosene                          |              | 308 | C22H44     | 001599-67-3  | 96   |
| 2       | Pentafluoropropionic acid, hepta... |              | 402 | C20H35F5O2 | 959218-78-1  | 94   |
| 3       | 13-Methyl-Z-14-nonacosene           |              | 420 | C30H60     | 1000131-19-0 | 94   |
| 4       | Cyclodocosane, ethyl-               |              | 336 | C24H48     | 1000151-22-6 | 93   |
| 5       | Heptadecyl trifluoroacetate         |              | 352 | C19H35F3O2 | 1000351-87-0 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
Data File : BG041910.D  
Acq On : 3 Aug 2019 15:16  
Operator : HP/JU  
Sample : K3850-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

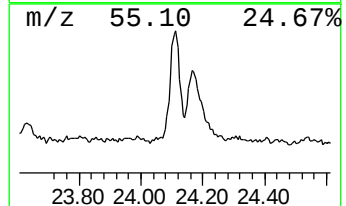
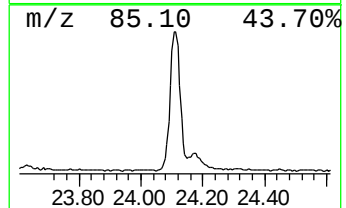
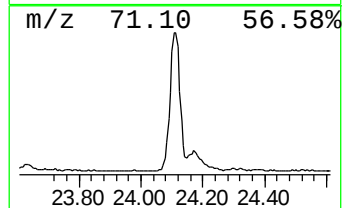
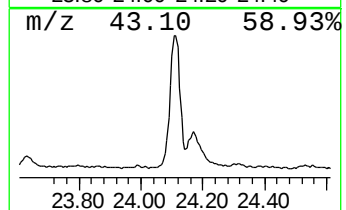
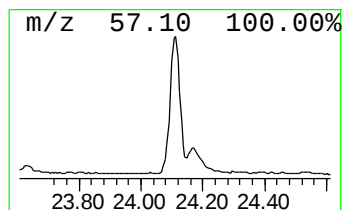
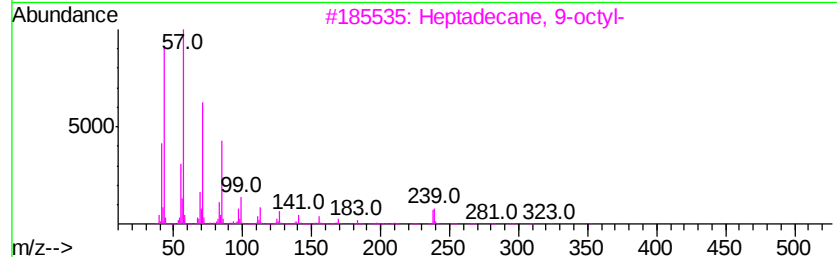
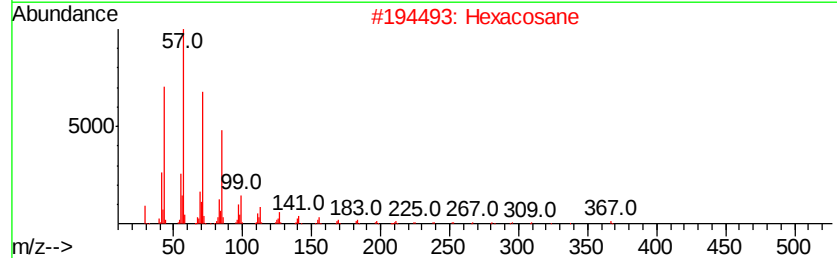
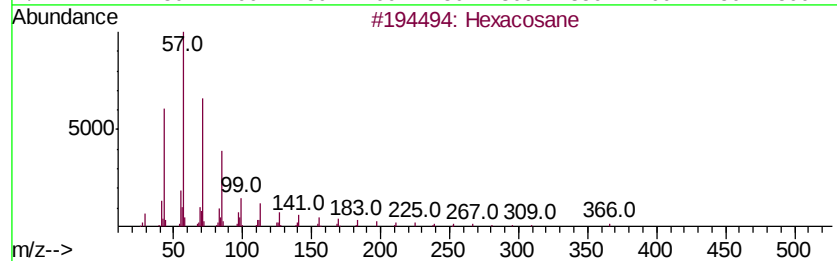
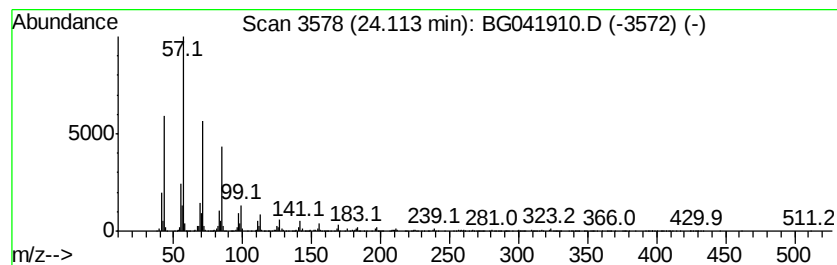
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 24.11 | 24.05 ng/ul | 1260300 | Perylene-d12     | 25.01 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Hexacosane            | 366 | C26H54  | 000630-01-3  | 98   |
| 2    |    | Hexacosane            | 366 | C26H54  | 000630-01-3  | 94   |
| 3    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 93   |
| 4    |    | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0  | 93   |
| 5    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080319\  
Data File : BG041910.D  
Acq On : 3 Aug 2019 15:16  
Operator : HP/JU  
Sample : K3850-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.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 |
| Butane, 2-methoxy... | 3.16  | 79.3    | ng/ul | 2044520  | 1                     | 8.04  | 515487  | 20.0 |
| n-Hexadecanoic acid  | 18.34 | 6.7     | ng/ul | 430551   | 4                     | 17.45 | 1295150 | 20.0 |
| 2,2',4,5-Tetrachl... | 18.52 | 4.0     | ng/ul | 256564   | 4                     | 17.45 | 1295150 | 20.0 |
| 2,3,4',5-Tetrachl... | 19.37 | 4.0     | ng/ul | 255992   | 4                     | 17.45 | 1295150 | 20.0 |
| (DEL) Alkane: Cyc... | 21.37 | 5.9     | ng/ul | 581704   | 5                     | 21.73 | 1985800 | 20.0 |
| (DEL) Alkane: Str... | 24.11 | 24.1    | ng/ul | 1260300  | 6                     | 25.01 | 1048000 | 20.0 |