

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031822\  
 Data File : BG052728.D  
 Acq On : 19 Mar 2022 2:48  
 Operator : CG/JU  
 Sample : N1883-02  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBSA1

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\_G\Methods\SFAM-EPA-BG031822.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG052728.D\data.ms

| 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         | 3.981       | 96            | 101         | 110          | rBV      | 95640          | 173003        | 18.97%          | 1.773%        |
| 2         | 5.133       | 295           | 297         | 300          | rBV3     | 1845           | 1663          | 0.18%           | 0.017%        |
| 3         | 5.197       | 307           | 308         | 311          | rVB3     | 2653           | 1959          | 0.21%           | 0.020%        |
| 4         | 5.233       | 311           | 314         | 315          | rBV3     | 3053           | 3328          | 0.36%           | 0.034%        |
| 5         | 5.585       | 371           | 374         | 376          | rVB4     | 1661           | 1718          | 0.19%           | 0.018%        |
| 6         | 5.914       | 427           | 430         | 431          | rBV2     | 1485           | 1253          | 0.14%           | 0.013%        |
| 7         | 5.990       | 441           | 443         | 445          | rBV2     | 1538           | 1467          | 0.16%           | 0.015%        |
| 8         | 6.049       | 450           | 453         | 454          | rBV2     | 1365           | 1297          | 0.14%           | 0.013%        |
| 9         | 6.960       | 605           | 608         | 612          | rVB4     | 1160           | 2000          | 0.22%           | 0.020%        |
| 10        | 7.024       | 615           | 619         | 620          | rBV2     | 1567           | 1697          | 0.19%           | 0.017%        |
| 11        | 7.289       | 658           | 664         | 676          | rBV      | 138859         | 256005        | 28.07%          | 2.624%        |
| 12        | 7.465       | 688           | 694         | 703          | rBV      | 95845          | 172382        | 18.90%          | 1.767%        |
| 13        | 7.535       | 704           | 706         | 710          | rVB4     | 1830           | 1936          | 0.21%           | 0.020%        |
| 14        | 7.676       | 723           | 730         | 738          | rVV      | 131252         | 224731        | 24.64%          | 2.303%        |
| 15        | 7.753       | 740           | 743         | 744          | rBV3     | 1429           | 1485          | 0.16%           | 0.015%        |
| 16        | 8.099       | 799           | 802         | 804          | rBV2     | 1126           | 1365          | 0.15%           | 0.014%        |
| 17        | 8.146       | 804           | 810         | 818          | rVB      | 132944         | 228743        | 25.08%          | 2.344%        |
| 18        | 8.211       | 818           | 821         | 824          | rBV3     | 2100           | 2123          | 0.23%           | 0.022%        |
| 19        | 8.340       | 842           | 843         | 850          | rVB5     | 817            | 1473          | 0.16%           | 0.015%        |
| 20        | 8.839       | 921           | 928         | 935          | rBV2     | 162780         | 281246        | 30.84%          | 2.883%        |
| 21        | 9.010       | 954           | 957         | 960          | rVB3     | 1022           | 1476          | 0.16%           | 0.015%        |
| 22        | 9.304       | 1000          | 1007        | 1016         | rVB      | 127938         | 226629        | 24.85%          | 2.323%        |
| 23        | 9.750       | 1078          | 1083        | 1087         | rBV3     | 3694           | 4979          | 0.55%           | 0.051%        |
| 24        | 10.032      | 1124          | 1131        | 1137         | rBV2     | 94832          | 172177        | 18.88%          | 1.765%        |
| 25        | 10.073      | 1137          | 1138        | 1141         | rVB2     | 1230           | 1234          | 0.14%           | 0.013%        |
| 26        | 10.572      | 1216          | 1223        | 1233         | rBV      | 157506         | 285826        | 31.34%          | 2.930%        |
| 27        | 10.725      | 1247          | 1249        | 1250         | rBV      | 2209           | 1808          | 0.20%           | 0.019%        |
| 28        | 10.743      | 1250          | 1252        | 1257         | rVB2     | 2753           | 2453          | 0.27%           | 0.025%        |
| 29        | 10.960      | 1282          | 1289        | 1300         | rVB      | 174451         | 320761        | 35.17%          | 3.288%        |
| 30        | 11.084      | 1300          | 1310        | 1319         | rBV      | 156449         | 287935        | 31.57%          | 2.951%        |
| 31        | 11.307      | 1344          | 1348        | 1351         | rVB2     | 1173           | 1636          | 0.18%           | 0.017%        |
| 32        | 11.536      | 1384          | 1387        | 1390         | rBV2     | 824            | 1333          | 0.15%           | 0.014%        |
| 33        | 11.712      | 1415          | 1417        | 1420         | rVB2     | 1206           | 1285          | 0.14%           | 0.013%        |
| 34        | 12.405      | 1533          | 1535        | 1541         | rBV2     | 870            | 1281          | 0.14%           | 0.013%        |
| 35        | 12.534      | 1553          | 1557        | 1561         | rVB3     | 2769           | 3596          | 0.39%           | 0.037%        |
| 36        | 12.793      | 1598          | 1601        | 1605         | rBV3     | 1098           | 1542          | 0.17%           | 0.016%        |

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBSA1

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\_G\Methods\SFAM-EPA-BG031822.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.163 | 1662 | 1664 | 1667 | rVB2 | 1356   | 1360   | 0.15%  | 0.014% |
| 38 | 13.275 | 1680 | 1683 | 1687 | rVB2 | 1756   | 2069   | 0.23%  | 0.021% |
| 39 | 13.392 | 1699 | 1703 | 1706 | rBV3 | 1108   | 1242   | 0.14%  | 0.013% |
| 40 | 13.598 | 1733 | 1738 | 1743 | rVB3 | 3774   | 5965   | 0.65%  | 0.061% |
| 41 | 13.944 | 1794 | 1797 | 1799 | rVB2 | 1778   | 1625   | 0.18%  | 0.017% |
| 42 | 14.162 | 1827 | 1834 | 1843 | rBV  | 285590 | 434923 | 47.69% | 4.458% |
| 43 | 14.397 | 1871 | 1874 | 1879 | rBV5 | 3111   | 5149   | 0.56%  | 0.053% |
| 44 | 14.461 | 1879 | 1885 | 1894 | rVB  | 321262 | 521798 | 57.21% | 5.348% |
| 45 | 14.661 | 1916 | 1919 | 1923 | rVB2 | 2048   | 2908   | 0.32%  | 0.030% |
| 46 | 14.767 | 1930 | 1937 | 1944 | rBV  | 279355 | 449179 | 49.25% | 4.604% |
| 47 | 14.931 | 1958 | 1965 | 1972 | rBV  | 141109 | 221232 | 24.26% | 2.268% |
| 48 | 15.107 | 1993 | 1995 | 1999 | rBV3 | 1260   | 1707   | 0.19%  | 0.017% |
| 49 | 15.342 | 2032 | 2035 | 2037 | rVB  | 1534   | 1713   | 0.19%  | 0.018% |
| 50 | 15.395 | 2040 | 2044 | 2048 | rVB3 | 3138   | 4157   | 0.46%  | 0.043% |
| 51 | 15.501 | 2057 | 2062 | 2064 | rVB2 | 1245   | 2099   | 0.23%  | 0.022% |
| 52 | 15.560 | 2070 | 2072 | 2076 | rVB3 | 3428   | 4650   | 0.51%  | 0.048% |
| 53 | 15.619 | 2079 | 2082 | 2084 | rVB3 | 1911   | 1950   | 0.21%  | 0.020% |
| 54 | 15.666 | 2088 | 2090 | 2094 | rBV  | 1160   | 1495   | 0.16%  | 0.015% |
| 55 | 15.754 | 2099 | 2105 | 2112 | rVB  | 419905 | 647968 | 71.05% | 6.641% |
| 56 | 15.859 | 2116 | 2123 | 2133 | rBV  | 105837 | 161117 | 17.67% | 1.651% |
| 57 | 15.995 | 2143 | 2146 | 2150 | rBV3 | 2895   | 3567   | 0.39%  | 0.037% |
| 58 | 16.118 | 2164 | 2167 | 2168 | rVB2 | 1452   | 1320   | 0.14%  | 0.014% |
| 59 | 16.165 | 2172 | 2175 | 2178 | rVV3 | 1871   | 2449   | 0.27%  | 0.025% |
| 60 | 16.435 | 2218 | 2221 | 2225 | rBV3 | 1651   | 2967   | 0.33%  | 0.030% |
| 61 | 16.470 | 2225 | 2227 | 2230 | rVV2 | 1528   | 1802   | 0.20%  | 0.018% |
| 62 | 16.506 | 2231 | 2233 | 2237 | rVB3 | 1290   | 1383   | 0.15%  | 0.014% |
| 63 | 16.652 | 2254 | 2258 | 2261 | rVB4 | 1607   | 2360   | 0.26%  | 0.024% |
| 64 | 16.758 | 2273 | 2276 | 2280 | rVB3 | 1794   | 2563   | 0.28%  | 0.026% |
| 65 | 16.823 | 2280 | 2287 | 2290 | rBV3 | 2049   | 4186   | 0.46%  | 0.043% |
| 66 | 16.964 | 2307 | 2311 | 2312 | rBV3 | 1469   | 2164   | 0.24%  | 0.022% |
| 67 | 16.976 | 2312 | 2313 | 2316 | rVB  | 2467   | 1834   | 0.20%  | 0.019% |
| 68 | 17.163 | 2344 | 2345 | 2348 | rVB2 | 1616   | 1340   | 0.15%  | 0.014% |
| 69 | 17.199 | 2348 | 2351 | 2353 | rBV  | 2300   | 1612   | 0.18%  | 0.017% |
| 70 | 17.257 | 2358 | 2361 | 2363 | rBV2 | 3217   | 3217   | 0.35%  | 0.033% |
| 71 | 17.310 | 2368 | 2370 | 2373 | rVV3 | 2554   | 2198   | 0.24%  | 0.023% |
| 72 | 17.351 | 2376 | 2377 | 2381 | rVB2 | 1693   | 1979   | 0.22%  | 0.020% |
| 73 | 17.416 | 2384 | 2388 | 2393 | rVB5 | 3333   | 4624   | 0.51%  | 0.047% |
| 74 | 17.510 | 2396 | 2404 | 2412 | rBV  | 383551 | 586085 | 64.26% | 6.007% |
| 75 | 17.610 | 2414 | 2421 | 2428 | rVB  | 472373 | 723106 | 79.29% | 7.411% |
| 76 | 18.021 | 2486 | 2491 | 2492 | rBV4 | 1982   | 2730   | 0.30%  | 0.028% |

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 Sample : N1883-02  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBSA1

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\_G\Methods\SFAM-EPA-BG031822.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 77 | 18.174 | 2515 | 2517 | 2519 | rVB2 | 4007   | 3416   | 0.37%   | 0.035% |
| 78 | 18.256 | 2529 | 2531 | 2532 | rBV2 | 2071   | 1677   | 0.18%   | 0.017% |
| 79 | 18.344 | 2545 | 2546 | 2549 | rBV2 | 2665   | 2200   | 0.24%   | 0.023% |
| 80 | 18.385 | 2549 | 2553 | 2563 | rVV3 | 35893  | 60296  | 6.61%   | 0.618% |
| 81 | 18.456 | 2563 | 2565 | 2572 | rVB6 | 3966   | 6789   | 0.74%   | 0.070% |
| 82 | 19.237 | 2696 | 2698 | 2700 | rBV3 | 3630   | 2281   | 0.25%   | 0.023% |
| 83 | 19.455 | 2731 | 2735 | 2740 | rBV7 | 7734   | 15853  | 1.74%   | 0.162% |
| 84 | 19.531 | 2743 | 2748 | 2751 | rBV3 | 8112   | 14657  | 1.61%   | 0.150% |
| 85 | 19.889 | 2803 | 2809 | 2817 | rBV  | 633435 | 912006 | 100.00% | 9.348% |
| 86 | 21.428 | 3068 | 3071 | 3079 | rVB6 | 43271  | 59159  | 6.49%   | 0.606% |
| 87 | 21.798 | 3128 | 3134 | 3141 | rVB  | 419738 | 695570 | 76.27%  | 7.129% |
| 88 | 24.882 | 3651 | 3659 | 3670 | rVB2 | 305439 | 868648 | 95.25%  | 8.903% |
| 89 | 25.112 | 3690 | 3698 | 3709 | rVB2 | 216942 | 609434 | 66.82%  | 6.246% |

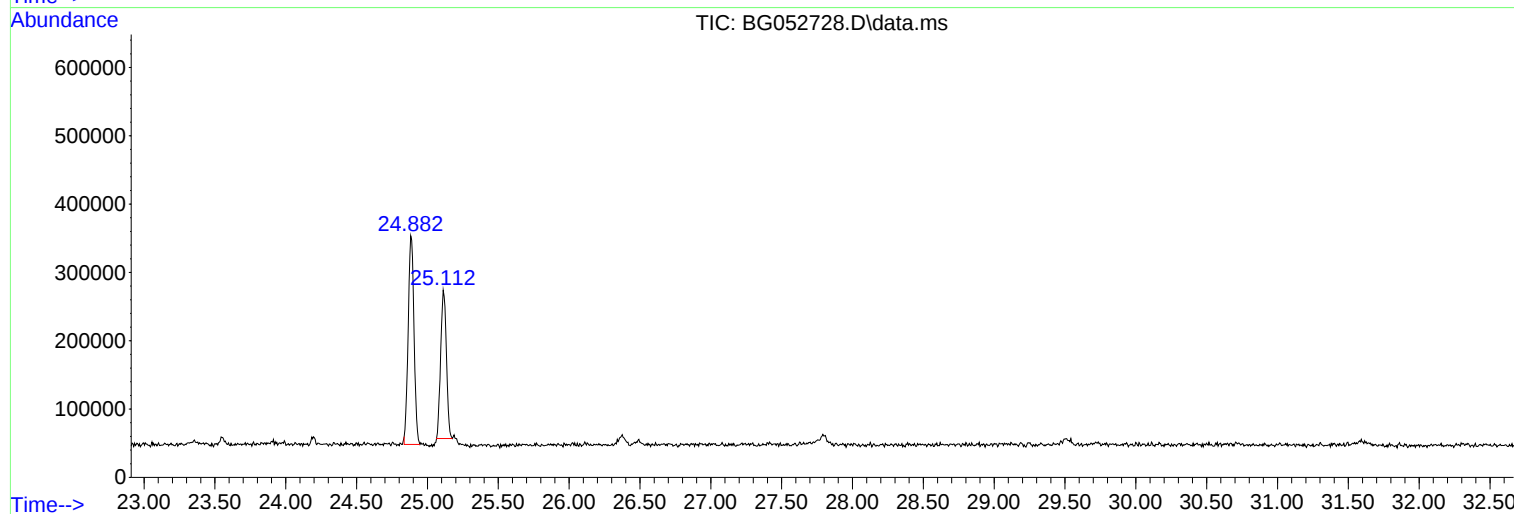
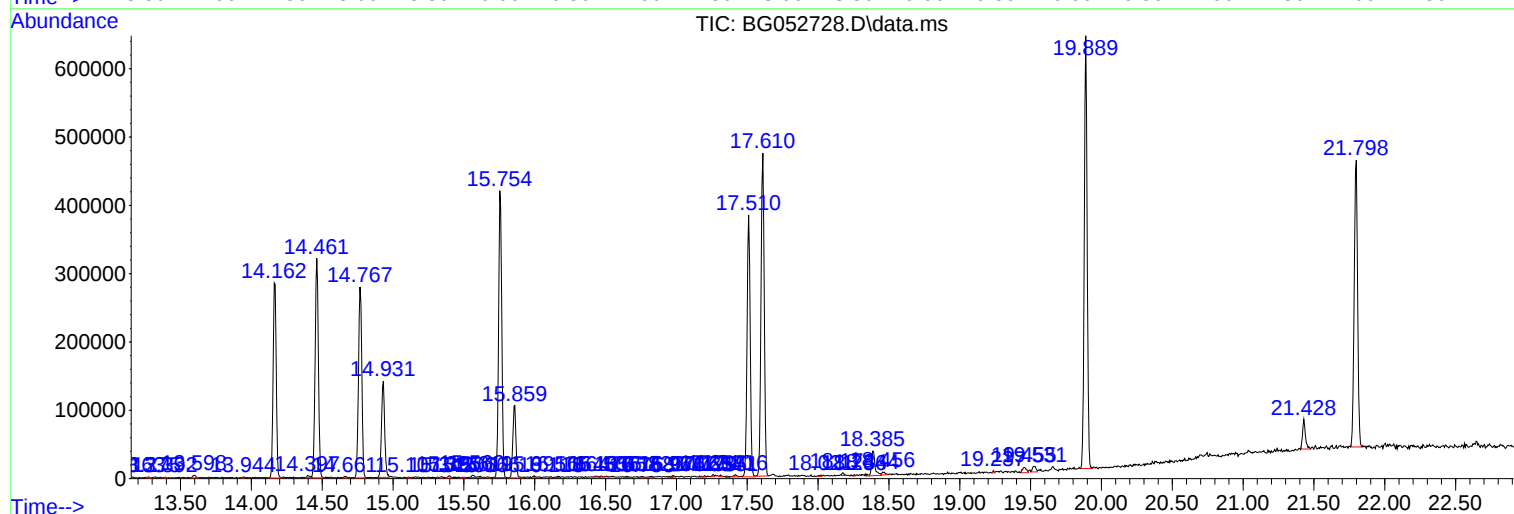
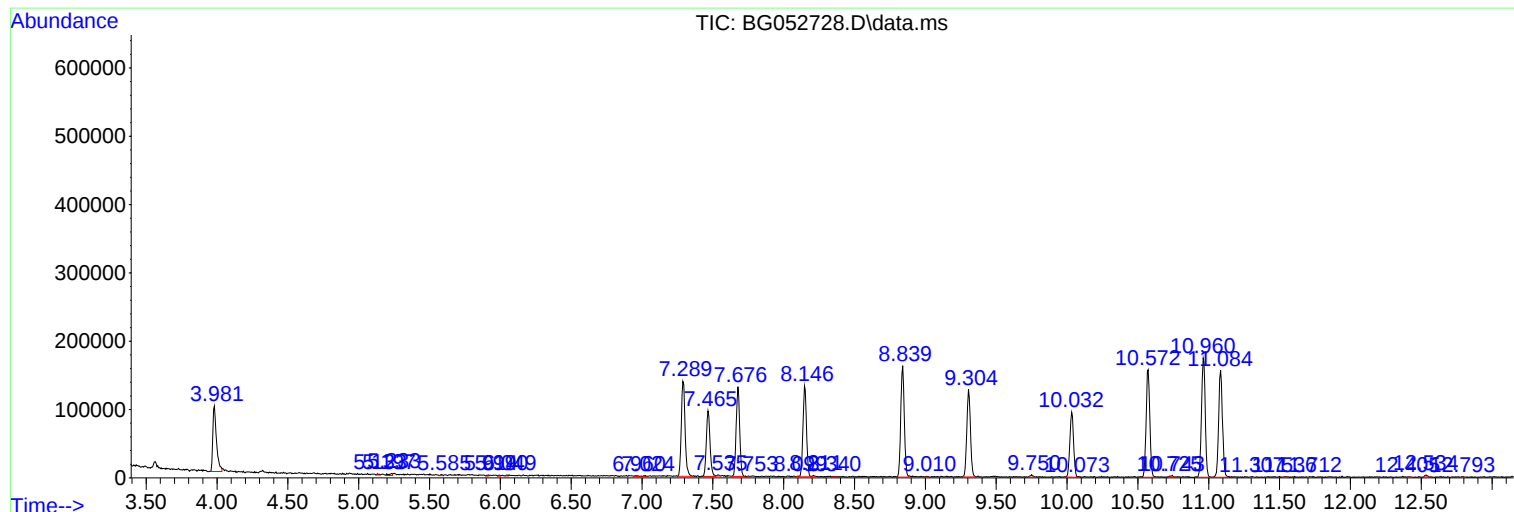
Sum of corrected areas: 9756603

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031822\  
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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_G  
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DBSA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031822\  
Data File : BG052728.D  
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Instrument :  
BNA\_G  
ClientSampleId :  
DBSA1

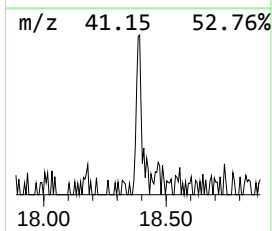
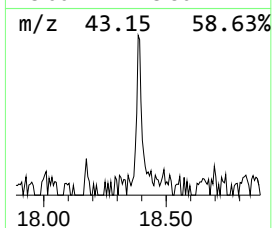
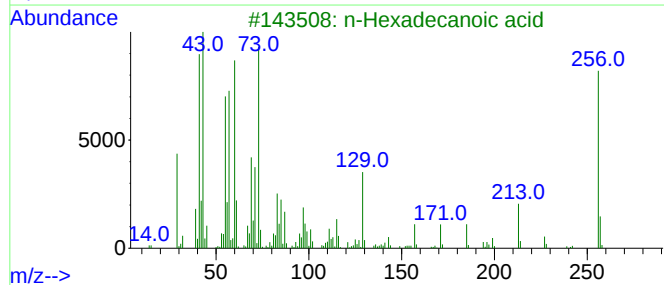
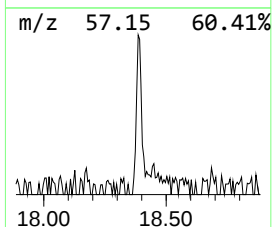
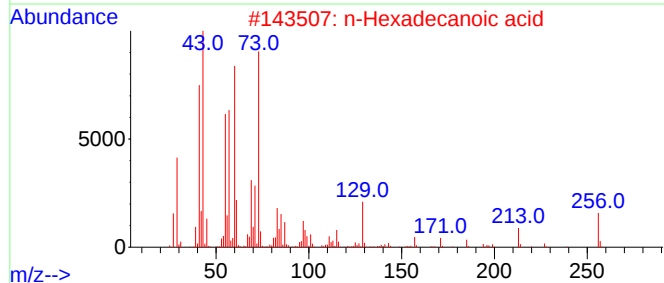
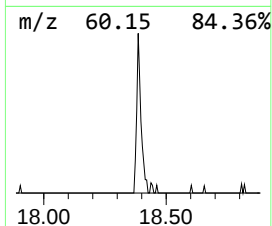
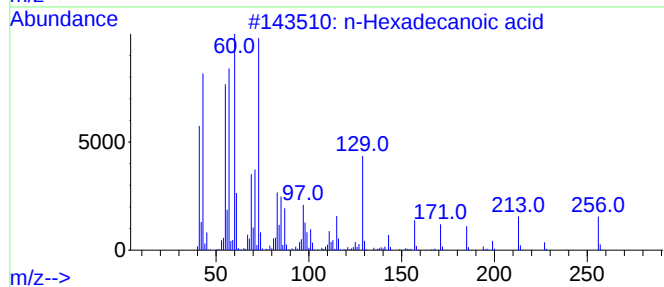
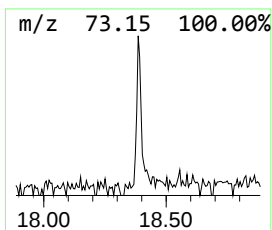
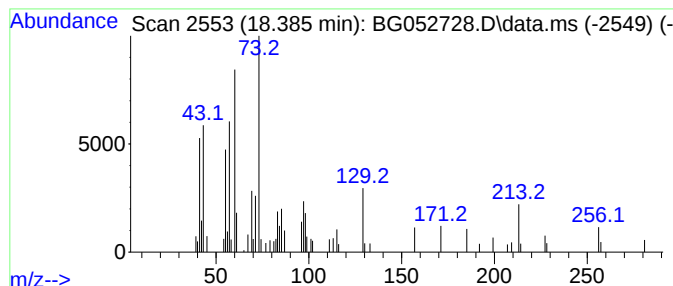
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.385 | 2.06 ng/ul | 60296 | Phenanthrene-d10 | 17.510 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 83   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 70   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 70   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.385 | 2.1     | ng/ul | 60296    | 4                     | 17.510 | 586085 | 20.0 |