

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\  
 Data File : BM062575.D  
 Acq On : 26 Jun 2020 01:41  
 Operator : JU/CG  
 Sample : L3062-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET135

## 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-BM061220MA.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         | 2.963       | 10            | 13          | 22           | rVB      | 24488          | 37223         | 1.50%           | 0.138%        |
| 2         | 3.369       | 79            | 82          | 84           | rBV4     | 4360           | 4713          | 0.19%           | 0.018%        |
| 3         | 3.457       | 93            | 97          | 100          | rBV2     | 13963          | 19924         | 0.80%           | 0.074%        |
| 4         | 3.575       | 112           | 117         | 122          | rVB6     | 6543           | 13012         | 0.53%           | 0.048%        |
| 5         | 3.657       | 127           | 131         | 136          | rBV      | 16095          | 24159         | 0.98%           | 0.090%        |
| 6         | 3.822       | 155           | 159         | 161          | rVB5     | 2053           | 2613          | 0.11%           | 0.010%        |
| 7         | 4.546       | 279           | 282         | 288          | rBV      | 12251          | 18362         | 0.74%           | 0.068%        |
| 8         | 5.057       | 365           | 369         | 371          | rBV4     | 3540           | 4555          | 0.18%           | 0.017%        |
| 9         | 5.404       | 424           | 428         | 429          | rBV4     | 2613           | 3219          | 0.13%           | 0.012%        |
| 10        | 5.893       | 507           | 511         | 513          | rVB4     | 1863           | 2606          | 0.11%           | 0.010%        |
| 11        | 6.575       | 620           | 627         | 640          | rBV      | 405818         | 681579        | 27.54%          | 2.534%        |
| 12        | 6.687       | 640           | 646         | 649          | rVV      | 50403          | 85327         | 3.45%           | 0.317%        |
| 13        | 6.728       | 649           | 653         | 669          | rVB      | 340479         | 524954        | 21.21%          | 1.952%        |
| 14        | 6.910       | 678           | 684         | 697          | rBV      | 442275         | 689478        | 27.85%          | 2.564%        |
| 15        | 7.016       | 699           | 702         | 708          | rVB6     | 5486           | 8559          | 0.35%           | 0.032%        |
| 16        | 7.369       | 756           | 762         | 774          | rBV      | 438157         | 673595        | 27.21%          | 2.505%        |
| 17        | 7.457       | 774           | 777         | 783          | rVB7     | 5729           | 8216          | 0.33%           | 0.031%        |
| 18        | 7.728       | 818           | 823         | 830          | rVB2     | 5096           | 8819          | 0.36%           | 0.033%        |
| 19        | 7.839       | 839           | 842         | 845          | rBV5     | 2295           | 2895          | 0.12%           | 0.011%        |
| 20        | 7.904       | 848           | 853         | 859          | rVB5     | 6619           | 12692         | 0.51%           | 0.047%        |
| 21        | 8.092       | 879           | 885         | 901          | rBV      | 521296         | 870455        | 35.17%          | 3.237%        |
| 22        | 8.204       | 901           | 904         | 908          | rVB5     | 5312           | 7366          | 0.30%           | 0.027%        |
| 23        | 8.469       | 945           | 949         | 951          | rBV3     | 3281           | 3118          | 0.13%           | 0.012%        |
| 24        | 8.516       | 951           | 957         | 967          | rVV      | 377835         | 604468        | 24.42%          | 2.248%        |
| 25        | 8.598       | 970           | 971         | 978          | rVB5     | 3825           | 4587          | 0.19%           | 0.017%        |
| 26        | 8.969       | 1030          | 1034        | 1040         | rVB3     | 2250           | 4197          | 0.17%           | 0.016%        |
| 27        | 9.228       | 1070          | 1078        | 1086         | rBV      | 162945         | 274025        | 11.07%          | 1.019%        |
| 28        | 9.592       | 1135          | 1140        | 1141         | rBV3     | 2142           | 2977          | 0.12%           | 0.011%        |
| 29        | 9.769       | 1161          | 1170        | 1184         | rBV      | 489492         | 862564        | 34.85%          | 3.207%        |
| 30        | 10.128      | 1221          | 1231        | 1236         | rBV      | 619392         | 1015344       | 41.02%          | 3.775%        |
| 31        | 10.175      | 1236          | 1239        | 1248         | rVB      | 95966          | 143758        | 5.81%           | 0.535%        |
| 32        | 10.280      | 1250          | 1257        | 1276         | rBV      | 447578         | 851138        | 34.39%          | 3.165%        |
| 33        | 10.804      | 1342          | 1346        | 1350         | rVB7     | 2044           | 3709          | 0.15%           | 0.014%        |
| 34        | 10.998      | 1371          | 1379        | 1381         | rBV5     | 3678           | 6708          | 0.27%           | 0.025%        |

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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 11.127 | 1398 | 1401 | 1406 | rBV5 | 2006   | 3553    | 0.14%  | 0.013% |
| 36 | 11.175 | 1406 | 1409 | 1415 | rBV6 | 5854   | 11297   | 0.46%  | 0.042% |
| 37 | 11.422 | 1447 | 1451 | 1458 | rBV5 | 5171   | 8335    | 0.34%  | 0.031% |
| 38 | 11.504 | 1461 | 1465 | 1470 | rBV3 | 7804   | 11511   | 0.47%  | 0.043% |
| 39 | 11.569 | 1473 | 1476 | 1478 | rVV4 | 3405   | 4153    | 0.17%  | 0.015% |
| 40 | 11.598 | 1478 | 1481 | 1486 | rVB5 | 3616   | 5900    | 0.24%  | 0.022% |
| 41 | 11.733 | 1499 | 1504 | 1509 | rBV2 | 6740   | 11043   | 0.45%  | 0.041% |
| 42 | 11.810 | 1511 | 1517 | 1522 | rBV  | 24938  | 43529   | 1.76%  | 0.162% |
| 43 | 11.874 | 1525 | 1528 | 1531 | rVB4 | 2438   | 2977    | 0.12%  | 0.011% |
| 44 | 11.910 | 1531 | 1534 | 1538 | rBV5 | 2022   | 3795    | 0.15%  | 0.014% |
| 45 | 12.033 | 1549 | 1555 | 1560 | rBV2 | 10011  | 15478   | 0.63%  | 0.058% |
| 46 | 12.369 | 1607 | 1612 | 1617 | rBV7 | 5561   | 9712    | 0.39%  | 0.036% |
| 47 | 12.433 | 1617 | 1623 | 1629 | rVB9 | 3357   | 7358    | 0.30%  | 0.027% |
| 48 | 12.574 | 1642 | 1647 | 1651 | rBV5 | 6308   | 10147   | 0.41%  | 0.038% |
| 49 | 12.633 | 1651 | 1657 | 1661 | rVV6 | 6869   | 12137   | 0.49%  | 0.045% |
| 50 | 12.698 | 1665 | 1668 | 1672 | rBV5 | 2287   | 2835    | 0.11%  | 0.011% |
| 51 | 12.851 | 1687 | 1694 | 1704 | rBV7 | 17465  | 50926   | 2.06%  | 0.189% |
| 52 | 12.945 | 1705 | 1710 | 1716 | rVB3 | 14506  | 23575   | 0.95%  | 0.088% |
| 53 | 13.186 | 1746 | 1751 | 1752 | rBV4 | 6023   | 9162    | 0.37%  | 0.034% |
| 54 | 13.345 | 1774 | 1778 | 1782 | rBV6 | 5413   | 7892    | 0.32%  | 0.029% |
| 55 | 13.386 | 1782 | 1785 | 1789 | rVB5 | 3698   | 6515    | 0.26%  | 0.024% |
| 56 | 13.457 | 1789 | 1797 | 1801 | rBV  | 986417 | 1356203 | 54.79% | 5.043% |
| 57 | 13.504 | 1801 | 1805 | 1810 | rVB  | 316559 | 418888  | 16.92% | 1.558% |
| 58 | 13.580 | 1816 | 1818 | 1822 | rVB5 | 4956   | 4230    | 0.17%  | 0.016% |
| 59 | 13.645 | 1827 | 1829 | 1832 | rBV4 | 2078   | 2787    | 0.11%  | 0.010% |
| 60 | 13.710 | 1834 | 1840 | 1853 | rBV  | 851744 | 1318842 | 53.28% | 4.904% |
| 61 | 13.798 | 1853 | 1855 | 1860 | rVB6 | 4623   | 7662    | 0.31%  | 0.028% |
| 62 | 13.851 | 1861 | 1864 | 1869 | rVB7 | 6193   | 10090   | 0.41%  | 0.038% |
| 63 | 13.898 | 1869 | 1872 | 1875 | rVB5 | 2257   | 2808    | 0.11%  | 0.010% |
| 64 | 13.968 | 1879 | 1884 | 1887 | rBV4 | 6473   | 10561   | 0.43%  | 0.039% |
| 65 | 14.027 | 1887 | 1894 | 1900 | rVV2 | 966093 | 1406920 | 56.84% | 5.231% |
| 66 | 14.086 | 1900 | 1904 | 1909 | rVV  | 78676  | 124472  | 5.03%  | 0.463% |
| 67 | 14.127 | 1909 | 1911 | 1917 | rVV7 | 5815   | 9121    | 0.37%  | 0.034% |
| 68 | 14.174 | 1917 | 1919 | 1925 | rVB7 | 4759   | 5397    | 0.22%  | 0.020% |
| 69 | 14.286 | 1932 | 1938 | 1955 | rBV2 | 106599 | 287620  | 11.62% | 1.069% |
| 70 | 14.433 | 1959 | 1963 | 1970 | rVB  | 58991  | 84824   | 3.43%  | 0.315% |
| 71 | 14.586 | 1986 | 1989 | 1996 | rVB7 | 10941  | 17596   | 0.71%  | 0.065% |

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 Misc :  
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Instrument :  
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Filtering: 5  
 Min Area: 0.1 % of largest Peak  
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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 14.657 | 1999 | 2001 | 2004 | rBV4 | 4844    | 6471    | 0.26%   | 0.024% |
| 73 | 14.721 | 2009 | 2012 | 2016 | rVB4 | 6740    | 8409    | 0.34%   | 0.031% |
| 74 | 14.833 | 2026 | 2031 | 2034 | rVB5 | 9007    | 14147   | 0.57%   | 0.053% |
| 75 | 14.863 | 2034 | 2036 | 2038 | rBV3 | 7980    | 8171    | 0.33%   | 0.030% |
| 76 | 14.927 | 2044 | 2047 | 2051 | rVB4 | 8901    | 10961   | 0.44%   | 0.041% |
| 77 | 15.033 | 2059 | 2065 | 2071 | rBV  | 982345  | 1395442 | 56.37%  | 5.189% |
| 78 | 15.086 | 2071 | 2074 | 2081 | rVB2 | 47474   | 65889   | 2.66%   | 0.245% |
| 79 | 15.180 | 2085 | 2090 | 2098 | rBV3 | 52085   | 99957   | 4.04%   | 0.372% |
| 80 | 15.339 | 2113 | 2117 | 2122 | rVB2 | 18988   | 28185   | 1.14%   | 0.105% |
| 81 | 15.386 | 2122 | 2125 | 2129 | rBV5 | 9015    | 13331   | 0.54%   | 0.050% |
| 82 | 15.539 | 2147 | 2151 | 2160 | rVB8 | 14331   | 30078   | 1.22%   | 0.112% |
| 83 | 15.762 | 2185 | 2189 | 2192 | rBV2 | 30598   | 44544   | 1.80%   | 0.166% |
| 84 | 15.821 | 2196 | 2199 | 2202 | rVB2 | 23924   | 29697   | 1.20%   | 0.110% |
| 85 | 16.580 | 2324 | 2328 | 2334 | rBV7 | 18960   | 42539   | 1.72%   | 0.158% |
| 86 | 16.633 | 2335 | 2337 | 2342 | rVB3 | 19431   | 28956   | 1.17%   | 0.108% |
| 87 | 16.786 | 2357 | 2363 | 2367 | rBV  | 1198371 | 1697213 | 68.57%  | 6.311% |
| 88 | 16.821 | 2367 | 2369 | 2374 | rVV  | 120533  | 154916  | 6.26%   | 0.576% |
| 89 | 16.880 | 2374 | 2379 | 2391 | rVV2 | 1043062 | 1513386 | 61.14%  | 5.627% |
| 90 | 17.721 | 2519 | 2522 | 2525 | rVB3 | 32559   | 36564   | 1.48%   | 0.136% |
| 91 | 17.856 | 2542 | 2545 | 2548 | rVB  | 29883   | 38011   | 1.54%   | 0.141% |
| 92 | 18.850 | 2710 | 2714 | 2719 | rVB  | 306045  | 413103  | 16.69%  | 1.536% |
| 93 | 19.192 | 2767 | 2772 | 2775 | rBV  | 1242479 | 1740720 | 70.32%  | 6.473% |
| 94 | 19.721 | 2860 | 2862 | 2868 | rVB2 | 73469   | 96068   | 3.88%   | 0.357% |
| 95 | 20.744 | 3033 | 3036 | 3046 | rVB  | 240202  | 350342  | 14.15%  | 1.303% |
| 96 | 20.997 | 3073 | 3079 | 3083 | rBV  | 1746807 | 2475312 | 100.00% | 9.204% |
| 97 | 22.468 | 3326 | 3329 | 3331 | rBV  | 185109  | 243571  | 9.84%   | 0.906% |
| 98 | 22.950 | 3406 | 3411 | 3415 | rBV  | 713539  | 1147303 | 46.35%  | 4.266% |
| 99 | 23.080 | 3427 | 3433 | 3455 | rVB  | 1209260 | 2349615 | 94.92%  | 8.737% |

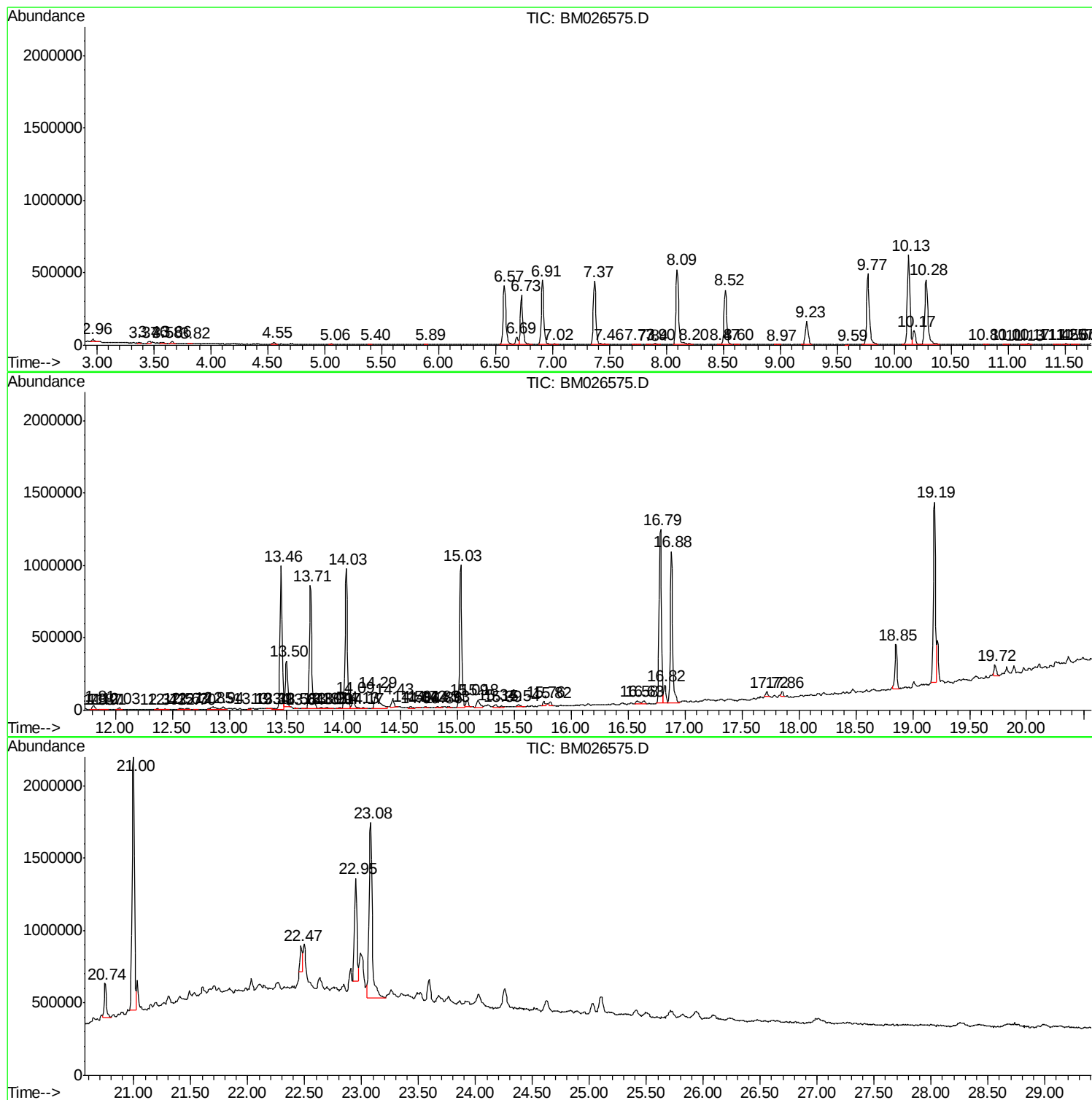
Sum of corrected areas: 26893666

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\  
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Misc :  
ALS Vial : 26 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\  
Data File : BM026575.D  
Acq On : 26 Jun 2020 01:41  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
Quant Title : SVOA CALIBRATION

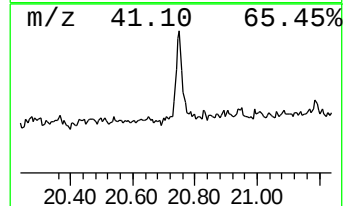
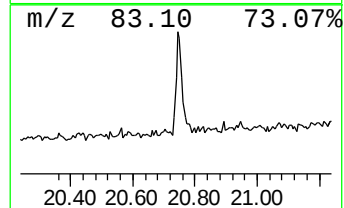
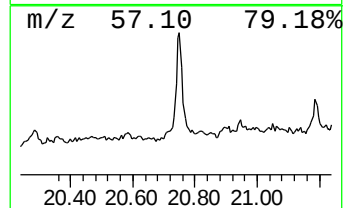
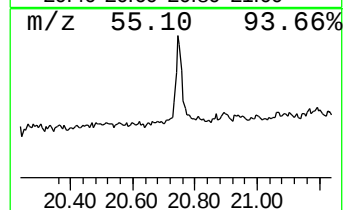
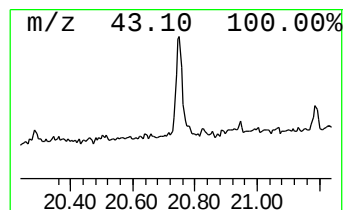
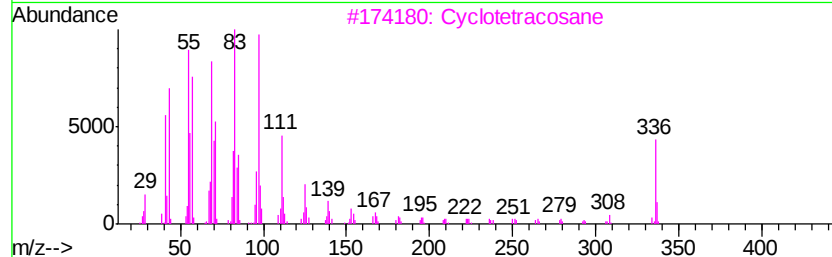
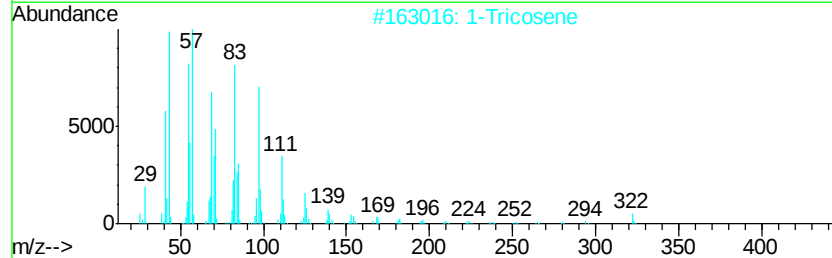
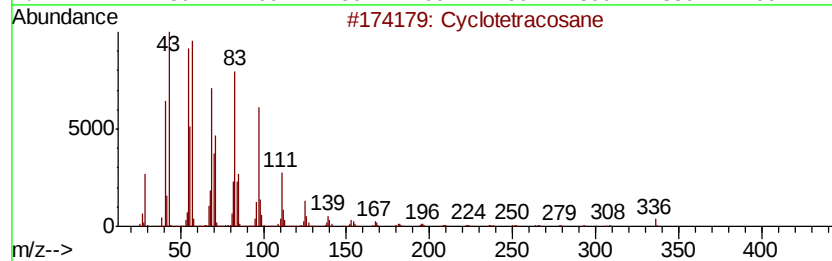
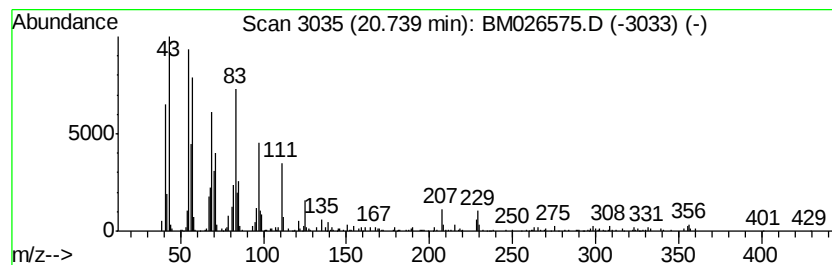
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic20.74 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.74 | 2.83 ng/ul | 350342 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Cyclotetracosane      | 336 | C24H48  | 000297-03-0  | 98   |
| 2    |    | 1-Tricosene           | 322 | C23H46  | 018835-32-0  | 97   |
| 3    |    | Cyclotetracosane      | 336 | C24H48  | 000297-03-0  | 95   |
| 4    |    | 1-Docosene            | 308 | C22H44  | 001599-67-3  | 95   |
| 5    |    | Cyclodocosane, ethyl- | 336 | C24H48  | 1000151-22-6 | 95   |



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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 |
| (DEL) Alkane: Cyc... | 20.74 | 2.8     | ng/ul | 350342   | 5                     | 21.00 | 2475310 | 20.0 |