

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021521\  
 Data File : BP004754.D  
 Acq On : 15 Feb 2021 19:32  
 Operator : CG/JU  
 Sample : M1349-16  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBG55

## 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\_P\METHODS\SOM-EPA-BP020821MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.252    | 6          | 11       | 16        | rBV   | 11283       | 14808      | 1.31%        | 0.142%     |
| 2      | 3.381    | 31         | 33       | 35        | rBV3  | 1343        | 1423       | 0.13%        | 0.014%     |
| 3      | 3.887    | 117        | 119      | 122       | rVB3  | 1802        | 1886       | 0.17%        | 0.018%     |
| 4      | 3.946    | 127        | 129      | 132       | rBV4  | 1131        | 1374       | 0.12%        | 0.013%     |
| 5      | 3.981    | 132        | 135      | 140       | rVB5  | 3561        | 4872       | 0.43%        | 0.047%     |
| 6      | 4.340    | 194        | 196      | 199       | rVB4  | 1321        | 1158       | 0.10%        | 0.011%     |
| 7      | 4.564    | 233        | 234      | 237       | rBV2  | 1261        | 1227       | 0.11%        | 0.012%     |
| 8      | 4.811    | 274        | 276      | 278       | rBV2  | 1493        | 1654       | 0.15%        | 0.016%     |
| 9      | 4.893    | 287        | 290      | 292       | rBV4  | 1104        | 1242       | 0.11%        | 0.012%     |
| 10     | 6.322    | 531        | 533      | 536       | rVB4  | 1396        | 1262       | 0.11%        | 0.012%     |
| 11     | 6.499    | 558        | 563      | 567       | rVB4  | 1126        | 1824       | 0.16%        | 0.018%     |
| 12     | 6.693    | 592        | 596      | 599       | rBV5  | 958         | 1249       | 0.11%        | 0.012%     |
| 13     | 6.864    | 622        | 625      | 627       | rBV3  | 1531        | 1825       | 0.16%        | 0.018%     |
| 14     | 6.934    | 631        | 637      | 646       | rVV   | 47488       | 79771      | 7.04%        | 0.767%     |
| 15     | 7.099    | 659        | 665      | 676       | rBV   | 153108      | 237645     | 20.98%       | 2.284%     |
| 16     | 7.199    | 678        | 682      | 683       | rVB2  | 1298        | 1479       | 0.13%        | 0.014%     |
| 17     | 7.299    | 693        | 699      | 709       | rVB   | 195644      | 300630     | 26.55%       | 2.890%     |
| 18     | 7.763    | 770        | 778      | 785       | rBV   | 199120      | 309852     | 27.36%       | 2.979%     |
| 19     | 8.099    | 832        | 835      | 838       | rVB5  | 1199        | 1349       | 0.12%        | 0.013%     |
| 20     | 8.299    | 865        | 869      | 871       | rBV5  | 1236        | 1551       | 0.14%        | 0.015%     |
| 21     | 8.469    | 888        | 898      | 906       | rBV   | 130071      | 207543     | 18.33%       | 1.995%     |
| 22     | 8.922    | 966        | 975      | 985       | rBV   | 195362      | 314492     | 27.77%       | 3.023%     |
| 23     | 9.099    | 1001       | 1005     | 1009      | rVB7  | 1320        | 2378       | 0.21%        | 0.023%     |
| 24     | 9.346    | 1038       | 1047     | 1054      | rBV4  | 6903        | 14179      | 1.25%        | 0.136%     |
| 25     | 9.640    | 1090       | 1097     | 1106      | rBV   | 171406      | 279625     | 24.69%       | 2.688%     |
| 26     | 9.881    | 1135       | 1138     | 1142      | rBV5  | 1420        | 1729       | 0.15%        | 0.017%     |
| 27     | 10.181   | 1180       | 1189     | 1199      | rBV   | 230456      | 388715     | 34.32%       | 3.737%     |
| 28     | 10.557   | 1243       | 1253     | 1260      | rBV   | 233412      | 383246     | 33.84%       | 3.684%     |
| 29     | 10.699   | 1270       | 1277     | 1286      | rVB2  | 7474        | 14780      | 1.31%        | 0.142%     |
| 30     | 10.928   | 1311       | 1316     | 1320      | rVB6  | 829         | 1526       | 0.13%        | 0.015%     |
| 31     | 11.204   | 1360       | 1363     | 1364      | rBV3  | 1216        | 1206       | 0.11%        | 0.012%     |
| 32     | 11.699   | 1443       | 1447     | 1450      | rBV6  | 1070        | 1609       | 0.14%        | 0.015%     |
| 33     | 11.852   | 1468       | 1473     | 1475      | rBV5  | 1260        | 1974       | 0.17%        | 0.019%     |
| 34     | 12.063   | 1505       | 1509     | 1514      | rVB7  | 1164        | 2079       | 0.18%        | 0.020%     |

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|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 12.157 | 1517 | 1525 | 1531 | rBV2 | 4318   | 9057   | 0.80%  | 0.087% |
| 36 | 12.581 | 1592 | 1597 | 1600 | rBV5 | 937    | 1878   | 0.17%  | 0.018% |
| 37 | 12.769 | 1625 | 1629 | 1633 | rVB5 | 2836   | 3845   | 0.34%  | 0.037% |
| 38 | 13.022 | 1666 | 1672 | 1679 | rVB8 | 4151   | 8015   | 0.71%  | 0.077% |
| 39 | 13.246 | 1707 | 1710 | 1714 | rVB5 | 1833   | 2539   | 0.22%  | 0.024% |
| 40 | 13.310 | 1717 | 1721 | 1726 | rVV7 | 1674   | 2679   | 0.24%  | 0.026% |
| 41 | 13.381 | 1728 | 1733 | 1736 | rBV5 | 1654   | 2214   | 0.20%  | 0.021% |
| 42 | 13.822 | 1798 | 1808 | 1813 | rBV  | 398596 | 559989 | 49.45% | 5.383% |
| 43 | 13.869 | 1813 | 1816 | 1823 | rVV  | 17939  | 26233  | 2.32%  | 0.252% |
| 44 | 13.951 | 1827 | 1830 | 1832 | rBV4 | 1265   | 1454   | 0.13%  | 0.014% |
| 45 | 14.022 | 1838 | 1842 | 1845 | rBV5 | 726    | 1340   | 0.12%  | 0.013% |
| 46 | 14.104 | 1847 | 1856 | 1866 | rBV  | 462002 | 669588 | 59.13% | 6.437% |
| 47 | 14.251 | 1879 | 1881 | 1886 | rBV5 | 1965   | 2665   | 0.24%  | 0.026% |
| 48 | 14.410 | 1901 | 1908 | 1919 | rVB  | 290315 | 445977 | 39.38% | 4.287% |
| 49 | 14.616 | 1938 | 1943 | 1959 | rBV3 | 18046  | 43060  | 3.80%  | 0.414% |
| 50 | 14.840 | 1975 | 1981 | 1987 | rBV3 | 3411   | 5818   | 0.51%  | 0.056% |
| 51 | 14.951 | 1997 | 2000 | 2002 | rVB3 | 1139   | 1147   | 0.10%  | 0.011% |
| 52 | 15.093 | 2023 | 2024 | 2030 | rBV6 | 1079   | 1280   | 0.11%  | 0.012% |
| 53 | 15.240 | 2041 | 2049 | 2053 | rBV3 | 8368   | 13881  | 1.23%  | 0.133% |
| 54 | 15.275 | 2053 | 2055 | 2060 | rVB5 | 1058   | 1320   | 0.12%  | 0.013% |
| 55 | 15.410 | 2071 | 2078 | 2086 | rBV  | 588276 | 800273 | 70.67% | 7.693% |
| 56 | 15.522 | 2091 | 2097 | 2106 | rBV  | 189787 | 265850 | 23.47% | 2.556% |
| 57 | 15.651 | 2113 | 2119 | 2126 | rVB2 | 7352   | 11707  | 1.03%  | 0.113% |
| 58 | 15.787 | 2136 | 2142 | 2146 | rBV7 | 1409   | 2310   | 0.20%  | 0.022% |
| 59 | 15.969 | 2170 | 2173 | 2176 | rBV5 | 814    | 1206   | 0.11%  | 0.012% |
| 60 | 16.110 | 2191 | 2197 | 2203 | rBV9 | 3683   | 7941   | 0.70%  | 0.076% |
| 61 | 16.204 | 2207 | 2213 | 2215 | rBV7 | 3100   | 4368   | 0.39%  | 0.042% |
| 62 | 16.269 | 2221 | 2224 | 2227 | rVB4 | 1104   | 1462   | 0.13%  | 0.014% |
| 63 | 16.316 | 2227 | 2232 | 2236 | rBV8 | 2182   | 4073   | 0.36%  | 0.039% |
| 64 | 16.404 | 2242 | 2247 | 2251 | rBV8 | 1691   | 2264   | 0.20%  | 0.022% |
| 65 | 16.657 | 2286 | 2290 | 2292 | rBV5 | 915    | 1136   | 0.10%  | 0.011% |
| 66 | 16.810 | 2312 | 2316 | 2318 | rBV5 | 941    | 1314   | 0.12%  | 0.013% |
| 67 | 16.845 | 2320 | 2322 | 2328 | rVB7 | 1340   | 2040   | 0.18%  | 0.020% |
| 68 | 16.910 | 2328 | 2333 | 2335 | rBV6 | 2464   | 4099   | 0.36%  | 0.039% |
| 69 | 16.939 | 2336 | 2338 | 2341 | rVB4 | 1286   | 1270   | 0.11%  | 0.012% |
| 70 | 17.092 | 2361 | 2364 | 2369 | rVB5 | 1248   | 2075   | 0.18%  | 0.020% |
| 71 | 17.169 | 2370 | 2377 | 2384 | rBV  | 325321 | 465403 | 41.10% | 4.474% |

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|----|--------|------|------|------|------|--------|---------|---------|---------|
| 72 | 17.269 | 2387 | 2394 | 2407 | rBV  | 618298 | 885664  | 78.21%  | 8.514%  |
| 73 | 17.404 | 2415 | 2417 | 2420 | rBV3 | 1126   | 1465    | 0.13%   | 0.014%  |
| 74 | 17.457 | 2424 | 2426 | 2429 | rBV3 | 1463   | 2004    | 0.18%   | 0.019%  |
| 75 | 17.704 | 2466 | 2468 | 2473 | rBV6 | 864    | 1406    | 0.12%   | 0.014%  |
| 76 | 17.781 | 2477 | 2481 | 2485 | rVB6 | 1384   | 2417    | 0.21%   | 0.023%  |
| 77 | 17.822 | 2485 | 2488 | 2489 | rBV3 | 1363   | 1376    | 0.12%   | 0.013%  |
| 78 | 17.845 | 2489 | 2492 | 2495 | rVB5 | 2497   | 2790    | 0.25%   | 0.027%  |
| 79 | 18.063 | 2524 | 2529 | 2537 | rBV  | 58531  | 83354   | 7.36%   | 0.801%  |
| 80 | 18.128 | 2537 | 2540 | 2543 | rVB4 | 3964   | 5899    | 0.52%   | 0.057%  |
| 81 | 18.298 | 2565 | 2569 | 2571 | rBV5 | 1163   | 1378    | 0.12%   | 0.013%  |
| 82 | 18.357 | 2575 | 2579 | 2580 | rBV4 | 1469   | 1789    | 0.16%   | 0.017%  |
| 83 | 18.486 | 2597 | 2601 | 2603 | rVB5 | 2770   | 3808    | 0.34%   | 0.037%  |
| 84 | 18.863 | 2663 | 2665 | 2667 | rBV3 | 1366   | 1206    | 0.11%   | 0.012%  |
| 85 | 19.151 | 2710 | 2714 | 2717 | rBV4 | 9862   | 14629   | 1.29%   | 0.141%  |
| 86 | 19.298 | 2735 | 2739 | 2744 | rBV4 | 34247  | 46330   | 4.09%   | 0.445%  |
| 87 | 19.392 | 2752 | 2755 | 2760 | rBV  | 5814   | 7227    | 0.64%   | 0.069%  |
| 88 | 19.504 | 2768 | 2774 | 2780 | rBV  | 782493 | 1006745 | 88.90%  | 9.678%  |
| 89 | 20.969 | 3019 | 3023 | 3030 | rBV2 | 32337  | 54751   | 4.83%   | 0.526%  |
| 90 | 21.033 | 3031 | 3034 | 3040 | rVB  | 28223  | 37704   | 3.33%   | 0.362%  |
| 91 | 21.251 | 3066 | 3071 | 3076 | rBV  | 399215 | 506997  | 44.77%  | 4.874%  |
| 92 | 22.857 | 3340 | 3344 | 3348 | rVB4 | 30493  | 44591   | 3.94%   | 0.429%  |
| 93 | 23.410 | 3431 | 3438 | 3451 | rVB  | 560203 | 1132482 | 100.00% | 10.886% |
| 94 | 23.557 | 3457 | 3463 | 3471 | rVB  | 274047 | 536035  | 47.33%  | 5.153%  |
| 95 | 24.133 | 3557 | 3561 | 3567 | rVB4 | 30859  | 54812   | 4.84%   | 0.527%  |

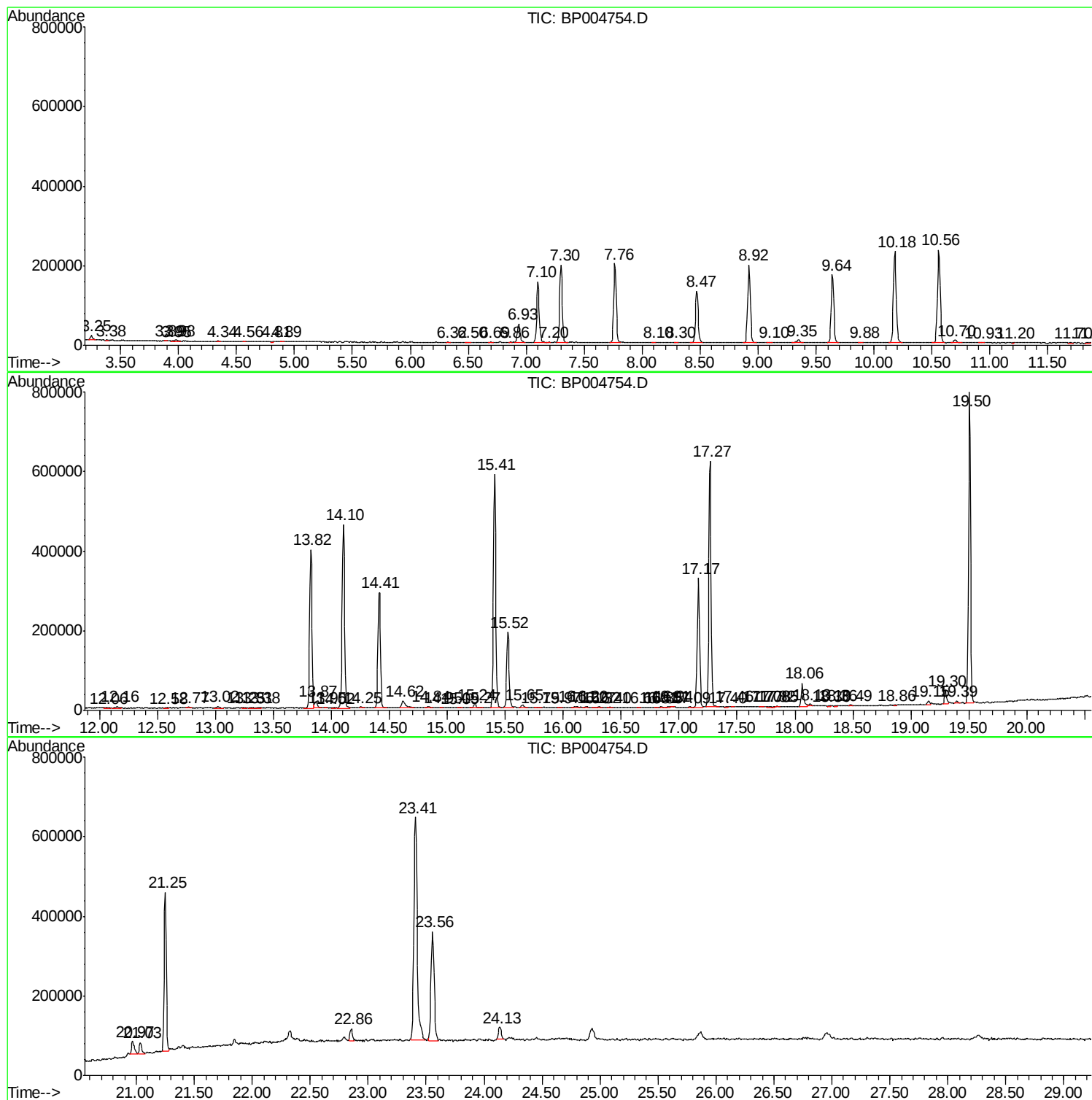
Sum of corrected areas: 10402791

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

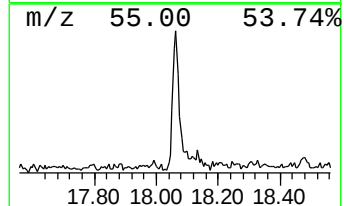
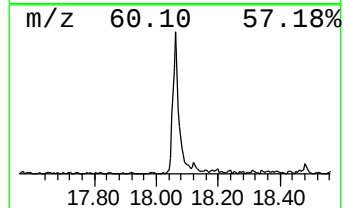
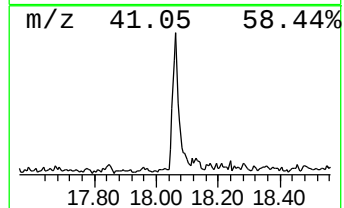
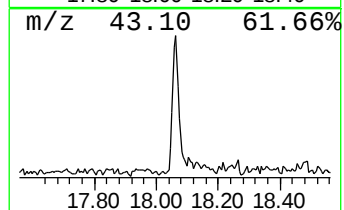
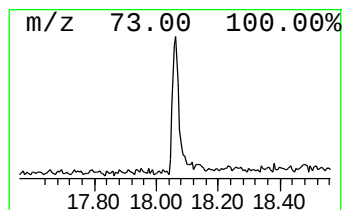
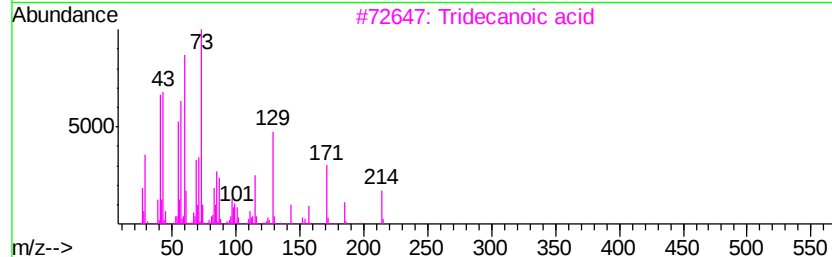
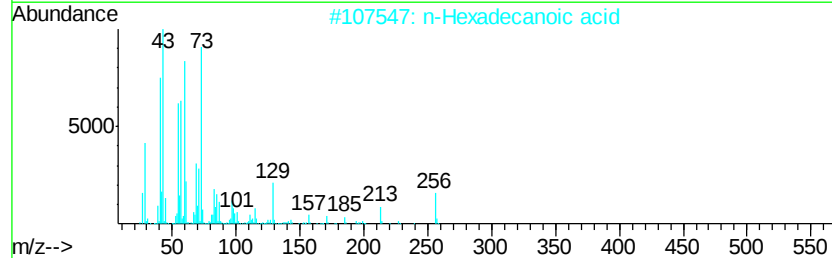
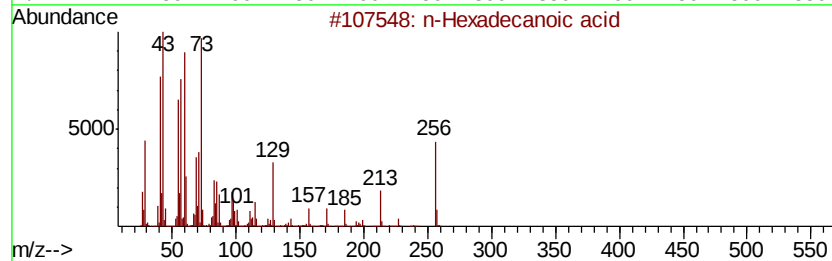
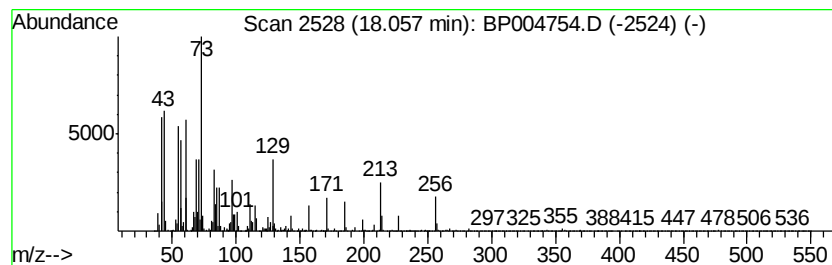
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 18.06 | 3.58 ng/ul | 83354 | Phenanthrene-d10 | 17.17 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |
| 5    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |



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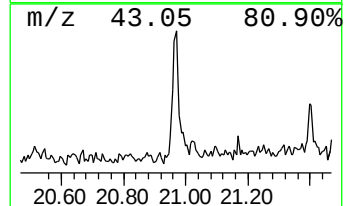
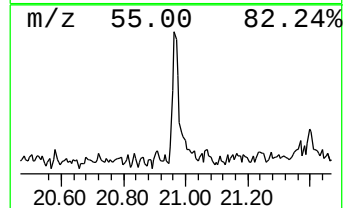
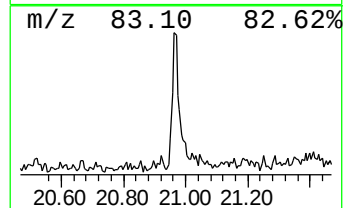
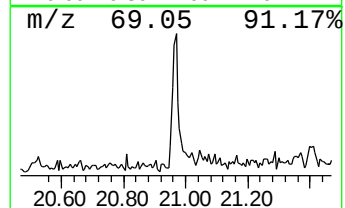
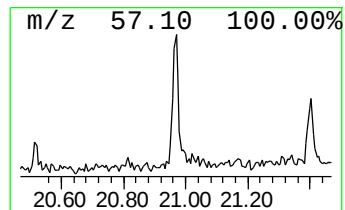
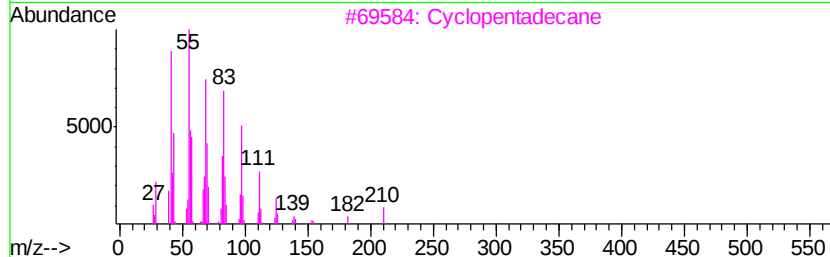
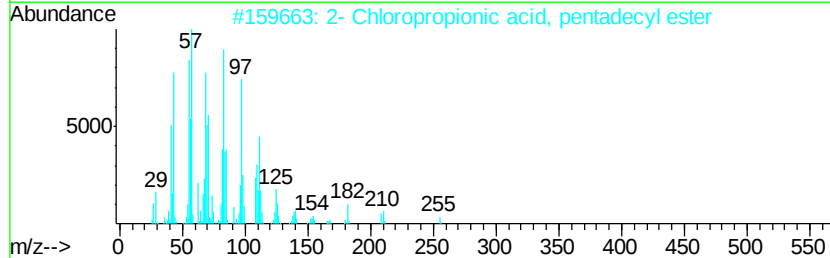
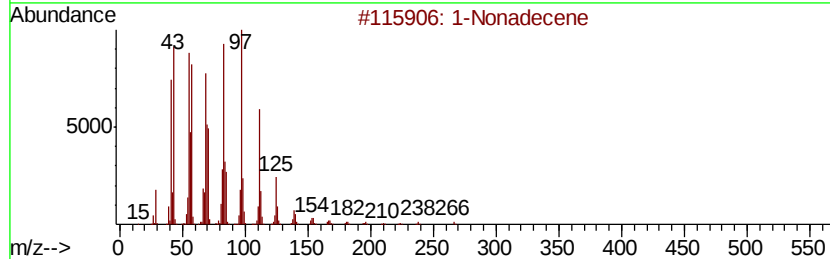
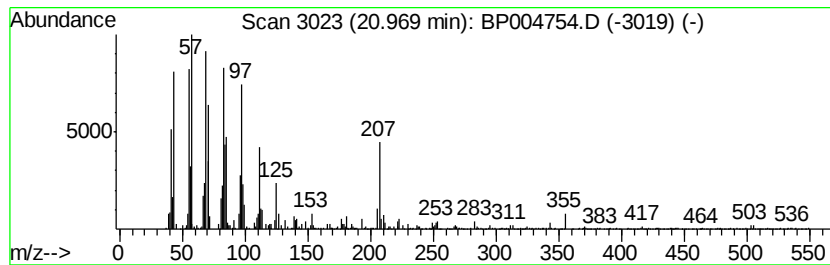
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 20.97 | 2.16 ng/ul | 54751 | Chrysene-d12     | 21.25 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 91   |
| 2    |    | 2- Chloropropionic acid, pentade... | 318 | C18H35ClO2 | 1000292-44-1 | 90   |
| 3    |    | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7  | 89   |
| 4    |    | Nonadecyl trifluoroacetate          | 380 | C21H39F3O2 | 1000351-76-3 | 83   |
| 5    |    | 13-Methyl-Z-14-nonacosene           | 420 | C30H60     | 1000131-19-0 | 64   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.M  
Quant Title : SVOA CALIBRATION

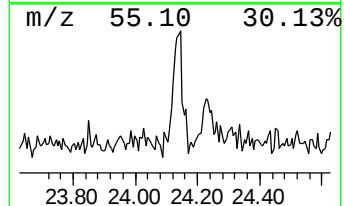
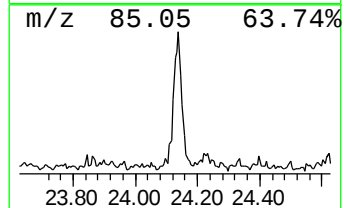
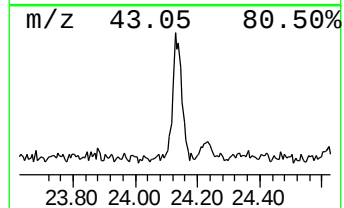
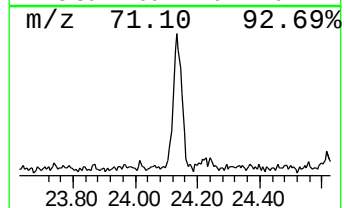
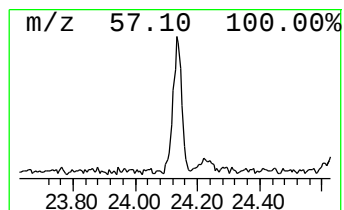
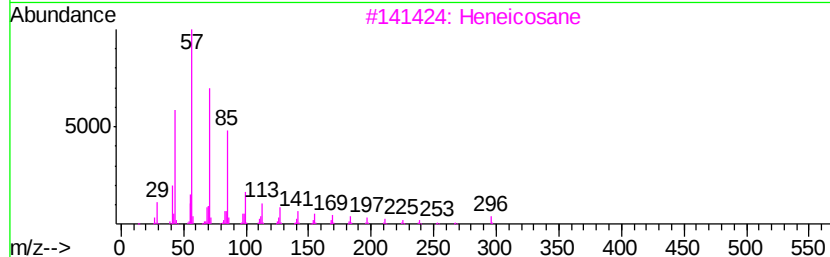
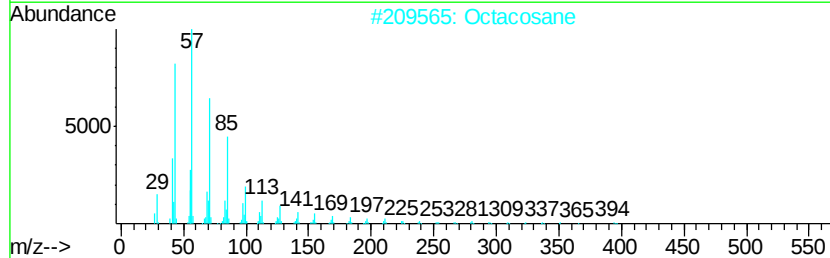
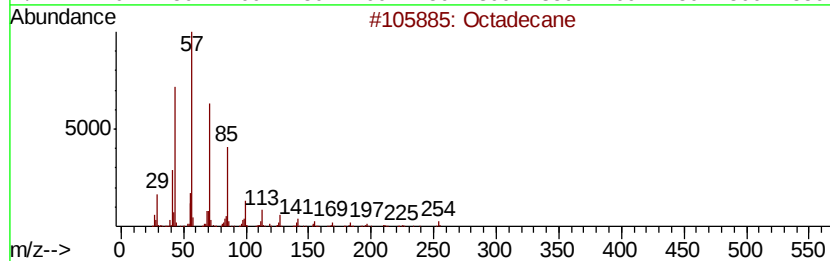
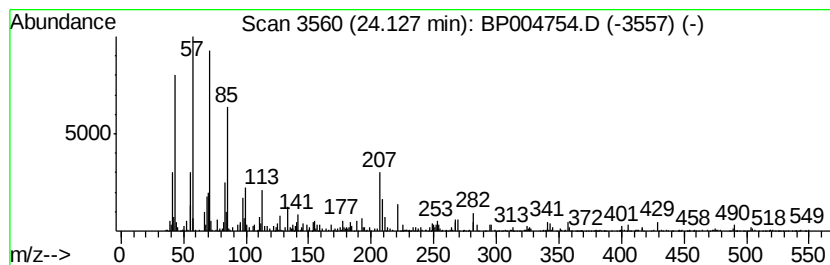
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.13 | 2.05 ng/ul | 54812 | Perylene-d12     | 23.56 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane          | 254 | C18H38  | 000593-45-3 | 86   |
| 2    |    | Octacosane          | 394 | C28H58  | 000630-02-4 | 76   |
| 3    |    | Heneicosane         | 296 | C21H44  | 000629-94-7 | 76   |
| 4    |    | Eicosane, 2-methyl- | 296 | C21H44  | 001560-84-5 | 76   |
| 5    |    | Hexacosane          | 366 | C26H54  | 000630-01-3 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP021521\  
Data File : BP004754.D  
Acq On : 15 Feb 2021 19:32  
Operator : CG/JU  
Sample : M1349-16  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBG55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP020821MA.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 |
| n-Hexadecanoic acid  | 18.06 | 3.6     | ng/ul | 83354    | 4                     | 17.17 | 465403 | 20.0 |
| (DEL) Alkane: Str... | 20.97 | 2.2     | ng/ul | 54751    | 5                     | 21.25 | 506997 | 20.0 |
| (DEL) Alkane: Str... | 24.13 | 2.0     | ng/ul | 54812    | 6                     | 23.56 | 536035 | 20.0 |