

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\  
 Data File : BM024349.D  
 Acq On : 28 Dec 2019 15:00  
 Operator : JU  
 Sample : K6278-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0C59

## 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-BM121719MA.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      | 2.987    | 15         | 17       | 26        | rVB2  | 29510       | 52559      | 1.32%        | 0.125%     |
| 2      | 3.393    | 82         | 86       | 92        | rVB2  | 23079       | 35733      | 0.89%        | 0.085%     |
| 3      | 3.481    | 97         | 101      | 107       | rVV   | 91380       | 126076     | 3.15%        | 0.299%     |
| 4      | 3.552    | 110        | 113      | 116       | rVV3  | 15114       | 22277      | 0.56%        | 0.053%     |
| 5      | 3.593    | 116        | 120      | 126       | rVB   | 26726       | 50397      | 1.26%        | 0.119%     |
| 6      | 3.675    | 132        | 134      | 139       | rVB2  | 18388       | 23164      | 0.58%        | 0.055%     |
| 7      | 3.781    | 149        | 152      | 161       | rVB6  | 17372       | 31089      | 0.78%        | 0.074%     |
| 8      | 3.905    | 169        | 173      | 181       | rVB   | 50606       | 78601      | 1.97%        | 0.186%     |
| 9      | 4.111    | 206        | 208      | 215       | rVB8  | 6918        | 10406      | 0.26%        | 0.025%     |
| 10     | 4.311    | 236        | 242      | 246       | rBV4  | 22192       | 34648      | 0.87%        | 0.082%     |
| 11     | 4.581    | 284        | 288      | 294       | rBV   | 35161       | 50576      | 1.27%        | 0.120%     |
| 12     | 4.681    | 303        | 305      | 308       | rVB4  | 3871        | 4893       | 0.12%        | 0.012%     |
| 13     | 5.093    | 373        | 375      | 378       | rVB4  | 5013        | 4573       | 0.11%        | 0.011%     |
| 14     | 5.458    | 435        | 437      | 440       | rVB4  | 6027        | 5707       | 0.14%        | 0.014%     |
| 15     | 5.834    | 496        | 501      | 505       | rBV5  | 9095        | 15995      | 0.40%        | 0.038%     |
| 16     | 6.099    | 542        | 546      | 547       | rBV3  | 3807        | 4537       | 0.11%        | 0.011%     |
| 17     | 6.293    | 576        | 579      | 583       | rBV5  | 6324        | 9628       | 0.24%        | 0.023%     |
| 18     | 6.622    | 629        | 635      | 649       | rBV2  | 419221      | 907648     | 22.71%       | 2.151%     |
| 19     | 6.722    | 649        | 652      | 655       | rVV4  | 14898       | 21542      | 0.54%        | 0.051%     |
| 20     | 6.769    | 655        | 660      | 675       | rVB   | 399245      | 676049     | 16.91%       | 1.602%     |
| 21     | 6.952    | 685        | 691      | 704       | rBV   | 496928      | 855320     | 21.40%       | 2.027%     |
| 22     | 7.052    | 704        | 708      | 716       | rVB7  | 8763        | 17917      | 0.45%        | 0.042%     |
| 23     | 7.410    | 761        | 769      | 781       | rBV   | 936550      | 1518492    | 37.99%       | 3.599%     |
| 24     | 7.899    | 849        | 852      | 854       | rBV4  | 4859        | 4623       | 0.12%        | 0.011%     |
| 25     | 8.052    | 875        | 878      | 881       | rBV4  | 3527        | 4660       | 0.12%        | 0.011%     |
| 26     | 8.146    | 888        | 894      | 909       | rBV2  | 325818      | 638829     | 15.98%       | 1.514%     |
| 27     | 8.263    | 909        | 914      | 919       | rVB3  | 11818       | 22159      | 0.55%        | 0.053%     |
| 28     | 8.504    | 951        | 955      | 958       | rBV4  | 3433        | 4504       | 0.11%        | 0.011%     |
| 29     | 8.569    | 960        | 966      | 982       | rBV   | 457074      | 853305     | 21.35%       | 2.022%     |
| 30     | 8.746    | 988        | 996      | 998       | rBV9  | 5863        | 12158      | 0.30%        | 0.029%     |
| 31     | 8.993    | 1033       | 1038     | 1044      | rVB2  | 12039       | 17728      | 0.44%        | 0.042%     |
| 32     | 9.287    | 1080       | 1088     | 1099      | rBV   | 376015      | 691929     | 17.31%       | 1.640%     |
| 33     | 9.675    | 1151       | 1154     | 1156      | rBV4  | 3886        | 5032       | 0.13%        | 0.012%     |
| 34     | 9.828    | 1174       | 1180     | 1194      | rBV   | 482188      | 955878     | 23.92%       | 2.265%     |

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|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 9.981  | 1202 | 1206 | 1209 | rBV6  | 3430    | 4726    | 0.12%  | 0.011% |
| 36 | 10.051 | 1213 | 1218 | 1219 | rBV6  | 4059    | 5793    | 0.14%  | 0.014% |
| 37 | 10.181 | 1232 | 1240 | 1256 | rBV   | 1348575 | 2353724 | 58.89% | 5.578% |
| 38 | 10.340 | 1259 | 1267 | 1290 | rBV   | 386968  | 897533  | 22.46% | 2.127% |
| 39 | 11.522 | 1464 | 1468 | 1470 | rVB4  | 3471    | 4651    | 0.12%  | 0.011% |
| 40 | 11.634 | 1483 | 1487 | 1489 | rBV4  | 5409    | 6553    | 0.16%  | 0.016% |
| 41 | 11.745 | 1502 | 1506 | 1509 | rBV5  | 3859    | 5135    | 0.13%  | 0.012% |
| 42 | 11.792 | 1511 | 1514 | 1519 | rVB7  | 6271    | 10219   | 0.26%  | 0.024% |
| 43 | 11.869 | 1523 | 1527 | 1531 | rBV3  | 10161   | 17883   | 0.45%  | 0.042% |
| 44 | 12.087 | 1558 | 1564 | 1570 | rVB10 | 6790    | 16539   | 0.41%  | 0.039% |
| 45 | 12.416 | 1616 | 1620 | 1622 | rBV5  | 5151    | 4951    | 0.12%  | 0.012% |
| 46 | 12.610 | 1649 | 1653 | 1656 | rBV6  | 4663    | 6820    | 0.17%  | 0.016% |
| 47 | 12.681 | 1660 | 1665 | 1671 | rVB8  | 5925    | 11136   | 0.28%  | 0.026% |
| 48 | 12.910 | 1698 | 1704 | 1710 | rBV7  | 9473    | 17028   | 0.43%  | 0.040% |
| 49 | 12.986 | 1714 | 1717 | 1721 | rVB5  | 6220    | 6709    | 0.17%  | 0.016% |
| 50 | 13.234 | 1756 | 1759 | 1761 | rBV4  | 4617    | 5569    | 0.14%  | 0.013% |
| 51 | 13.251 | 1761 | 1762 | 1768 | rVB5  | 6178    | 8502    | 0.21%  | 0.020% |
| 52 | 13.392 | 1778 | 1786 | 1789 | rBV8  | 9339    | 18739   | 0.47%  | 0.044% |
| 53 | 13.451 | 1794 | 1796 | 1799 | rBV3  | 3979    | 4066    | 0.10%  | 0.010% |
| 54 | 13.504 | 1799 | 1805 | 1809 | rBV   | 1117319 | 1565776 | 39.18% | 3.711% |
| 55 | 13.551 | 1809 | 1813 | 1822 | rVB   | 365936  | 537095  | 13.44% | 1.273% |
| 56 | 13.763 | 1841 | 1849 | 1860 | rBV   | 1190317 | 1824616 | 45.65% | 4.324% |
| 57 | 13.886 | 1867 | 1870 | 1874 | rVB4  | 3670    | 4155    | 0.10%  | 0.010% |
| 58 | 13.975 | 1878 | 1885 | 1887 | rBV3  | 14477   | 27182   | 0.68%  | 0.064% |
| 59 | 14.004 | 1887 | 1890 | 1893 | rVV5  | 14750   | 21933   | 0.55%  | 0.052% |
| 60 | 14.075 | 1896 | 1902 | 1912 | rVV   | 2033842 | 3051998 | 76.36% | 7.233% |
| 61 | 14.139 | 1912 | 1913 | 1917 | rVB3  | 9193    | 10555   | 0.26%  | 0.025% |
| 62 | 14.357 | 1945 | 1950 | 1966 | rBV2  | 157507  | 488020  | 12.21% | 1.157% |
| 63 | 14.492 | 1970 | 1973 | 1978 | rVV6  | 18491   | 39392   | 0.99%  | 0.093% |
| 64 | 14.545 | 1978 | 1982 | 1994 | rVV10 | 23298   | 65347   | 1.64%  | 0.155% |
| 65 | 14.633 | 1994 | 1997 | 2000 | rVB4  | 4928    | 6714    | 0.17%  | 0.016% |
| 66 | 14.716 | 2006 | 2011 | 2012 | rBV5  | 5771    | 7591    | 0.19%  | 0.018% |
| 67 | 14.963 | 2049 | 2053 | 2059 | rVB4  | 15536   | 25108   | 0.63%  | 0.060% |
| 68 | 15.080 | 2067 | 2073 | 2082 | rBV   | 1660571 | 2357426 | 58.98% | 5.587% |
| 69 | 15.245 | 2095 | 2101 | 2110 | rBV   | 229567  | 413411  | 10.34% | 0.980% |
| 70 | 15.322 | 2111 | 2114 | 2121 | rVB5  | 20239   | 32794   | 0.82%  | 0.078% |
| 71 | 15.522 | 2146 | 2148 | 2151 | rBV4  | 9739    | 8661    | 0.22%  | 0.021% |

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|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 15.669 | 2170 | 2173 | 2179 | rVB8 | 6102    | 10823   | 0.27%   | 0.026% |
| 73 | 15.769 | 2188 | 2190 | 2195 | rBV6 | 5938    | 9217    | 0.23%   | 0.022% |
| 74 | 15.827 | 2197 | 2200 | 2205 | rBV6 | 18012   | 26831   | 0.67%   | 0.064% |
| 75 | 16.004 | 2227 | 2230 | 2234 | rVB6 | 6709    | 11039   | 0.28%   | 0.026% |
| 76 | 16.039 | 2234 | 2236 | 2239 | rBV4 | 4135    | 5099    | 0.13%   | 0.012% |
| 77 | 16.080 | 2239 | 2243 | 2246 | rVV6 | 10752   | 14560   | 0.36%   | 0.035% |
| 78 | 16.239 | 2266 | 2270 | 2274 | rBV6 | 9229    | 15764   | 0.39%   | 0.037% |
| 79 | 16.398 | 2292 | 2297 | 2305 | rBV2 | 50111   | 85199   | 2.13%   | 0.202% |
| 80 | 16.510 | 2312 | 2316 | 2322 | rVB8 | 11594   | 19114   | 0.48%   | 0.045% |
| 81 | 16.627 | 2332 | 2336 | 2339 | rBV3 | 25454   | 33048   | 0.83%   | 0.078% |
| 82 | 16.716 | 2349 | 2351 | 2355 | rBV5 | 6455    | 8965    | 0.22%   | 0.021% |
| 83 | 16.833 | 2365 | 2371 | 2377 | rBV  | 2413003 | 3389305 | 84.80%  | 8.033% |
| 84 | 16.933 | 2382 | 2388 | 2401 | rVB2 | 1575666 | 2362355 | 59.11%  | 5.599% |
| 85 | 17.216 | 2432 | 2436 | 2439 | rBV3 | 22332   | 34452   | 0.86%   | 0.082% |
| 86 | 17.363 | 2459 | 2461 | 2465 | rVB4 | 13167   | 11562   | 0.29%   | 0.027% |
| 87 | 17.763 | 2525 | 2529 | 2538 | rBV3 | 121208  | 229026  | 5.73%   | 0.543% |
| 88 | 18.910 | 2721 | 2724 | 2731 | rVB  | 132568  | 188635  | 4.72%   | 0.447% |
| 89 | 19.245 | 2776 | 2781 | 2791 | rBV2 | 2098460 | 2967392 | 74.25%  | 7.033% |
| 90 | 20.792 | 3040 | 3044 | 3050 | rBV  | 515610  | 766436  | 19.18%  | 1.816% |
| 91 | 21.051 | 3084 | 3088 | 3093 | rBV  | 2799112 | 3609840 | 90.32%  | 8.555% |
| 92 | 23.039 | 3421 | 3426 | 3431 | rBV  | 1608144 | 2735612 | 68.45%  | 6.483% |
| 93 | 23.174 | 3443 | 3449 | 3458 | rVB  | 2235341 | 3996747 | 100.00% | 9.472% |

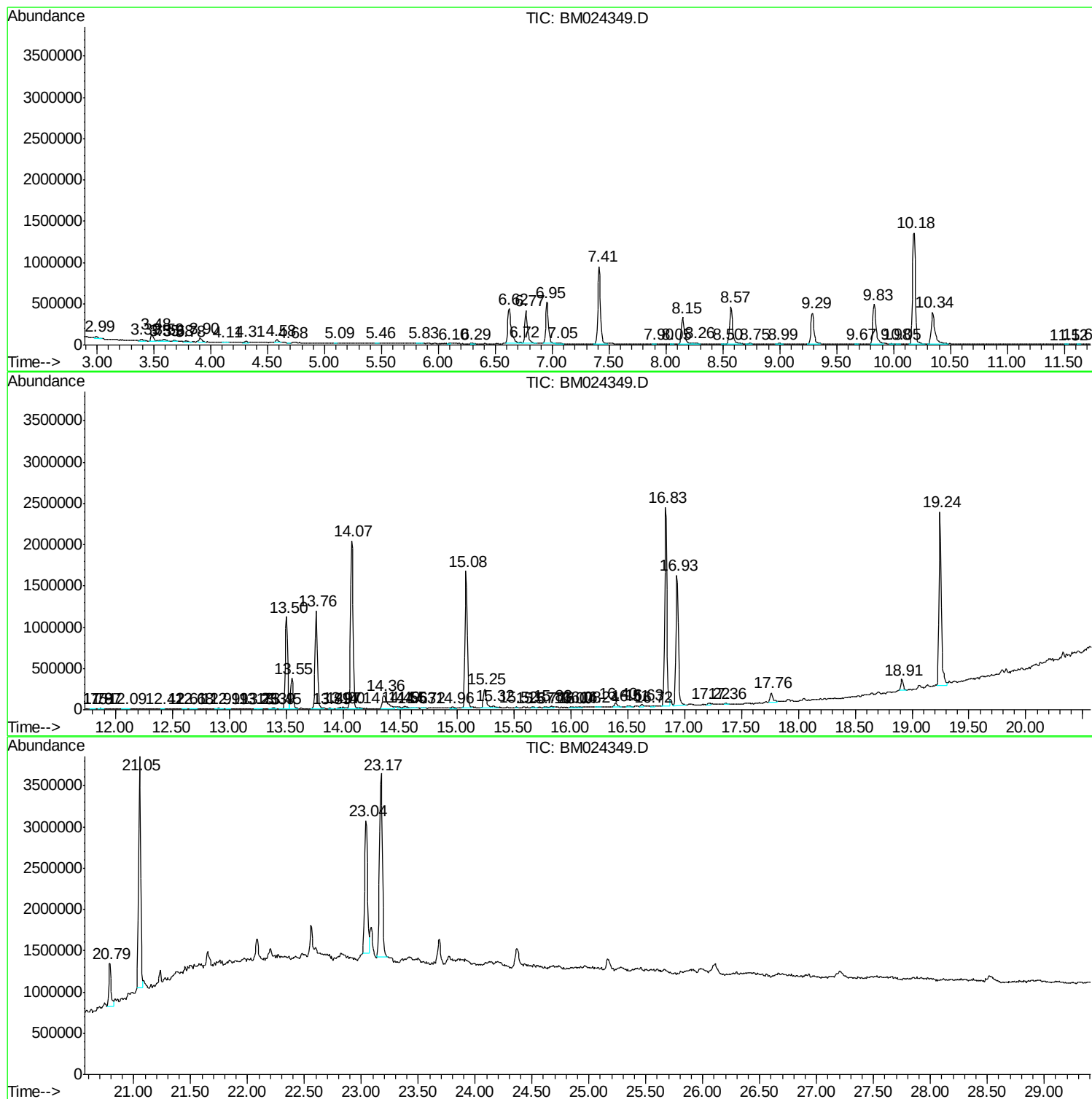
Sum of corrected areas: 42193703

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
Quant Title : SVOA CALIBRATION

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



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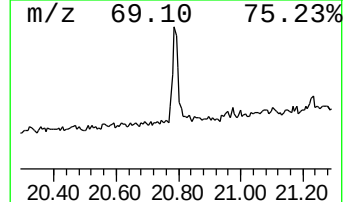
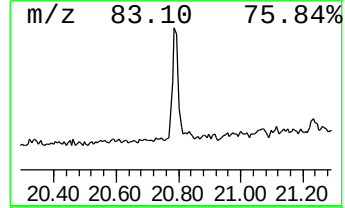
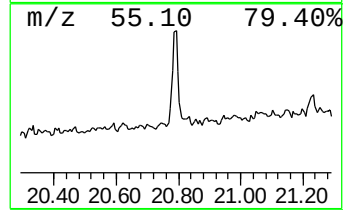
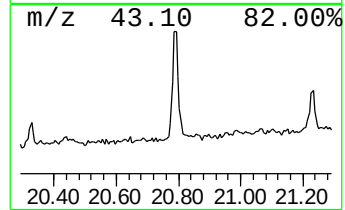
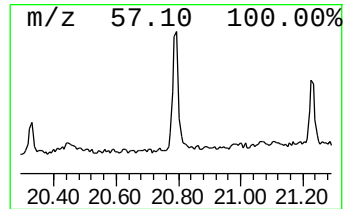
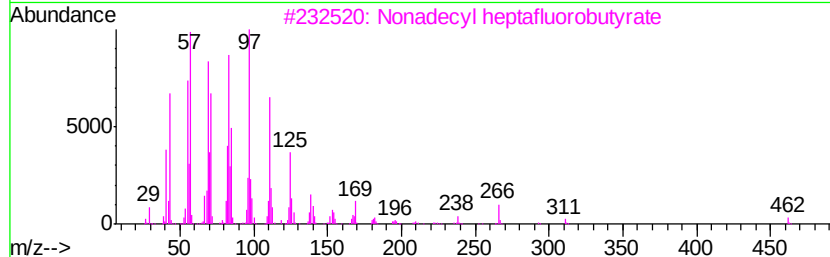
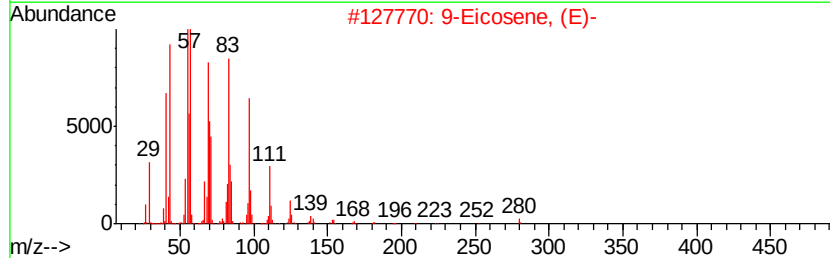
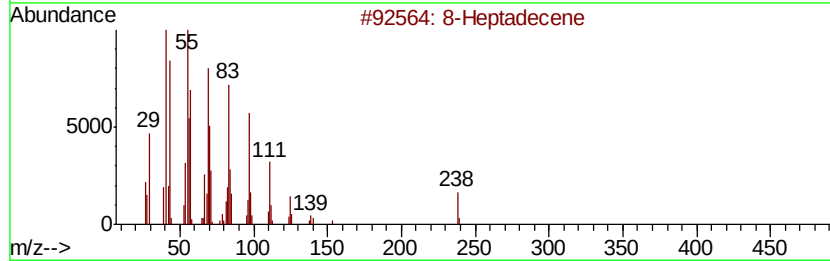
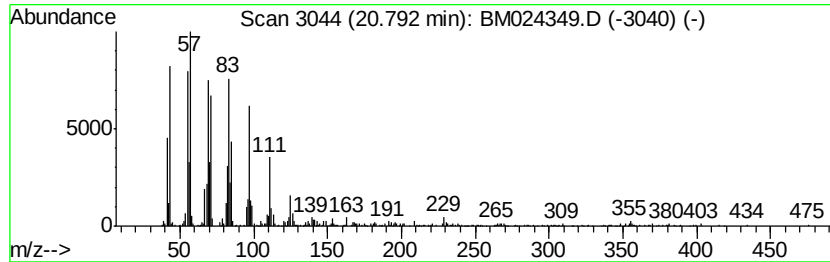
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------|--------|------------------|--------------|------|
| 20.79     | 4.25 ng/ul                     | 766436 | Chrysene-d12     | 21.05        |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#         | Qual |
| 1         | 8-Heptadecene                  | 238    | C17H34           | 002579-04-6  | 93   |
| 2         | 9-Eicosene, (E)-               | 280    | C20H40           | 074685-29-3  | 93   |
| 3         | Nonadecyl heptafluorobutvrate  | 480    | C23H39F7O2       | 1000351-83-9 | 91   |
| 4         | 1-Heneicosanol                 | 312    | C21H44O          | 015594-90-8  | 91   |
| 5         | Heptadecyl heptafluorobutyrate | 452    | C21H35F7O2       | 959085-66-6  | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Cyc... | 20.79 | 4.3     | ng/ul | 766436   | 5                     | 21.05 | 3609840 | 20.0 |