

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
 Data File : BM028231.D  
 Acq On : 22 Dec 2020 05:33  
 Operator : JU/CG  
 Sample : L5110-16  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54M5

## 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-BM121520MA.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         | 3.410       | 34            | 38          | 49           | rVB      | 31015          | 43744         | 2.22%           | 0.167%        |
| 2         | 4.222       | 172           | 176         | 181          | rVB5     | 5417           | 8882          | 0.45%           | 0.034%        |
| 3         | 4.463       | 213           | 217         | 222          | rVB5     | 2621           | 4446          | 0.23%           | 0.017%        |
| 4         | 5.304       | 358           | 360         | 363          | rBV4     | 1843           | 2229          | 0.11%           | 0.009%        |
| 5         | 6.240       | 515           | 519         | 525          | rVB4     | 2536           | 4378          | 0.22%           | 0.017%        |
| 6         | 7.334       | 697           | 705         | 717          | rVB      | 510222         | 859421        | 43.69%          | 3.281%        |
| 7         | 7.510       | 729           | 735         | 747          | rBV      | 390958         | 610913        | 31.06%          | 2.332%        |
| 8         | 7.716       | 763           | 770         | 778          | rBV      | 517148         | 838515        | 42.63%          | 3.201%        |
| 9         | 7.787       | 778           | 782         | 792          | rVB      | 11650          | 20739         | 1.05%           | 0.079%        |
| 10        | 7.975       | 812           | 814         | 818          | rBV3     | 1326           | 2169          | 0.11%           | 0.008%        |
| 11        | 8.198       | 844           | 852         | 858          | rBV      | 490114         | 776177        | 39.46%          | 2.963%        |
| 12        | 8.251       | 858           | 861         | 868          | rVB2     | 8136           | 13216         | 0.67%           | 0.050%        |
| 13        | 8.904       | 965           | 972         | 983          | rBV      | 592713         | 953074        | 48.45%          | 3.639%        |
| 14        | 9.375       | 1044          | 1052        | 1062         | rBV      | 466404         | 760602        | 38.67%          | 2.904%        |
| 15        | 9.457       | 1062          | 1066        | 1071         | rVV4     | 1591           | 2211          | 0.11%           | 0.008%        |
| 16        | 9.522       | 1075          | 1077        | 1083         | rBV5     | 2713           | 4045          | 0.21%           | 0.015%        |
| 17        | 9.763       | 1113          | 1118        | 1126         | rVB2     | 12143          | 19290         | 0.98%           | 0.074%        |
| 18        | 10.098      | 1168          | 1175        | 1183         | rBV      | 379328         | 625563        | 31.80%          | 2.388%        |
| 19        | 10.639      | 1259          | 1267        | 1279         | rBV      | 585292         | 963927        | 49.00%          | 3.680%        |
| 20        | 11.028      | 1325          | 1333        | 1341         | rBV      | 673087         | 1095248       | 55.68%          | 4.181%        |
| 21        | 11.157      | 1347          | 1355        | 1363         | rBV      | 569779         | 956192        | 48.61%          | 3.650%        |
| 22        | 12.410      | 1564          | 1568        | 1572         | rBV5     | 2434           | 3992          | 0.20%           | 0.015%        |
| 23        | 12.492      | 1578          | 1582        | 1584         | rBV4     | 2155           | 2605          | 0.13%           | 0.010%        |
| 24        | 12.598      | 1595          | 1600        | 1605         | rVB2     | 9186           | 13787         | 0.70%           | 0.053%        |
| 25        | 13.186      | 1696          | 1700        | 1704         | rBV3     | 4151           | 6285          | 0.32%           | 0.024%        |
| 26        | 13.433      | 1735          | 1742        | 1747         | rVB3     | 6854           | 10206         | 0.52%           | 0.039%        |
| 27        | 13.639      | 1769          | 1777        | 1784         | rBV4     | 7392           | 13451         | 0.68%           | 0.051%        |
| 28        | 13.704      | 1784          | 1788        | 1794         | rVB7     | 3701           | 5910          | 0.30%           | 0.023%        |
| 29        | 14.033      | 1837          | 1844        | 1849         | rBV2     | 6200           | 9885          | 0.50%           | 0.038%        |
| 30        | 14.222      | 1870          | 1876        | 1881         | rBV      | 910687         | 1254162       | 63.76%          | 4.788%        |
| 31        | 14.269      | 1881          | 1884        | 1891         | rVV      | 98353          | 124991        | 6.35%           | 0.477%        |
| 32        | 14.451      | 1911          | 1915        | 1921         | rBV4     | 2608           | 4485          | 0.23%           | 0.017%        |
| 33        | 14.522      | 1921          | 1927        | 1937         | rBV      | 1135157        | 1606399       | 81.67%          | 6.133%        |
| 34        | 14.698      | 1952          | 1957        | 1961         | rVB3     | 7023           | 8390          | 0.43%           | 0.032%        |

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Integrator: RTE  
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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-BM121520MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 14.827 | 1972 | 1979 | 1986 | rBV  | 929718  | 1344223 | 68.34%  | 5.132% |
| 36 | 14.992 | 2001 | 2007 | 2020 | rBV  | 368091  | 529668  | 26.93%  | 2.022% |
| 37 | 15.310 | 2056 | 2061 | 2063 | rBV4 | 1564    | 2501    | 0.13%   | 0.010% |
| 38 | 15.380 | 2069 | 2073 | 2076 | rVB4 | 1425    | 2091    | 0.11%   | 0.008% |
| 39 | 15.439 | 2082 | 2083 | 2088 | rVB4 | 1906    | 2008    | 0.10%   | 0.008% |
| 40 | 15.586 | 2104 | 2108 | 2113 | rBV4 | 3746    | 7428    | 0.38%   | 0.028% |
| 41 | 15.639 | 2113 | 2117 | 2121 | rVV3 | 6179    | 8460    | 0.43%   | 0.032% |
| 42 | 15.698 | 2121 | 2127 | 2130 | rVB6 | 1310    | 2148    | 0.11%   | 0.008% |
| 43 | 15.810 | 2139 | 2146 | 2154 | rVB  | 1312506 | 1861647 | 94.64%  | 7.107% |
| 44 | 15.916 | 2156 | 2164 | 2175 | rBV  | 348772  | 461736  | 23.47%  | 1.763% |
| 45 | 16.045 | 2179 | 2186 | 2190 | rBV2 | 16202   | 22772   | 1.16%   | 0.087% |
| 46 | 16.357 | 2236 | 2239 | 2243 | rBV5 | 1541    | 2681    | 0.14%   | 0.010% |
| 47 | 16.439 | 2245 | 2253 | 2255 | rBV7 | 1380    | 2547    | 0.13%   | 0.010% |
| 48 | 16.468 | 2255 | 2258 | 2259 | rBV3 | 2457    | 2306    | 0.12%   | 0.009% |
| 49 | 16.498 | 2259 | 2263 | 2264 | rVB4 | 2947    | 2896    | 0.15%   | 0.011% |
| 50 | 16.586 | 2272 | 2278 | 2280 | rBV6 | 4825    | 7941    | 0.40%   | 0.030% |
| 51 | 16.668 | 2288 | 2292 | 2295 | rVB5 | 1852    | 2083    | 0.11%   | 0.008% |
| 52 | 16.768 | 2304 | 2309 | 2314 | rVB2 | 6346    | 9729    | 0.49%   | 0.037% |
| 53 | 17.227 | 2384 | 2387 | 2390 | rBV5 | 2075    | 2833    | 0.14%   | 0.011% |
| 54 | 17.274 | 2390 | 2395 | 2399 | rVV3 | 7092    | 10858   | 0.55%   | 0.041% |
| 55 | 17.339 | 2402 | 2406 | 2412 | rVB5 | 5083    | 9555    | 0.49%   | 0.036% |
| 56 | 17.545 | 2435 | 2441 | 2448 | rBV  | 1004580 | 1393152 | 70.83%  | 5.319% |
| 57 | 17.645 | 2451 | 2458 | 2466 | rBV  | 1372835 | 1831281 | 93.10%  | 6.991% |
| 58 | 18.057 | 2525 | 2528 | 2531 | rBV4 | 1441    | 2302    | 0.12%   | 0.009% |
| 59 | 18.398 | 2581 | 2586 | 2594 | rBV  | 43703   | 62308   | 3.17%   | 0.238% |
| 60 | 18.480 | 2597 | 2600 | 2603 | rVB4 | 3205    | 3474    | 0.18%   | 0.013% |
| 61 | 18.692 | 2632 | 2636 | 2639 | rBV5 | 3336    | 5424    | 0.28%   | 0.021% |
| 62 | 18.957 | 2679 | 2681 | 2684 | rBV4 | 2181    | 2164    | 0.11%   | 0.008% |
| 63 | 19.162 | 2712 | 2716 | 2720 | rBV  | 17833   | 25056   | 1.27%   | 0.096% |
| 64 | 19.439 | 2761 | 2763 | 2766 | rBV4 | 3160    | 4265    | 0.22%   | 0.016% |
| 65 | 19.539 | 2777 | 2780 | 2785 | rVB2 | 13425   | 17937   | 0.91%   | 0.068% |
| 66 | 19.656 | 2797 | 2800 | 2803 | rVB4 | 10873   | 12288   | 0.62%   | 0.047% |
| 67 | 19.798 | 2819 | 2824 | 2829 | rBV3 | 16945   | 29298   | 1.49%   | 0.112% |
| 68 | 19.904 | 2836 | 2842 | 2848 | rBV  | 1511983 | 1967019 | 100.00% | 7.509% |
| 69 | 21.345 | 3083 | 3087 | 3098 | rBV  | 291777  | 415639  | 21.13%  | 1.587% |
| 70 | 21.656 | 3135 | 3140 | 3146 | rBV  | 1029780 | 1316334 | 66.92%  | 5.025% |
| 71 | 23.868 | 3510 | 3516 | 3527 | rVB  | 940866  | 1877561 | 95.45%  | 7.168% |

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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\_M\METHODS\SOM-EPA-BM121520MA.M  
Title : SVOA CALIBRATION

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|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 24.021 | 3536 | 3542 | 3552 | rVB2 | 666078 | 1300996 | 66.14% | 4.967% |
|----|--------|------|------|------|------|--------|---------|--------|--------|

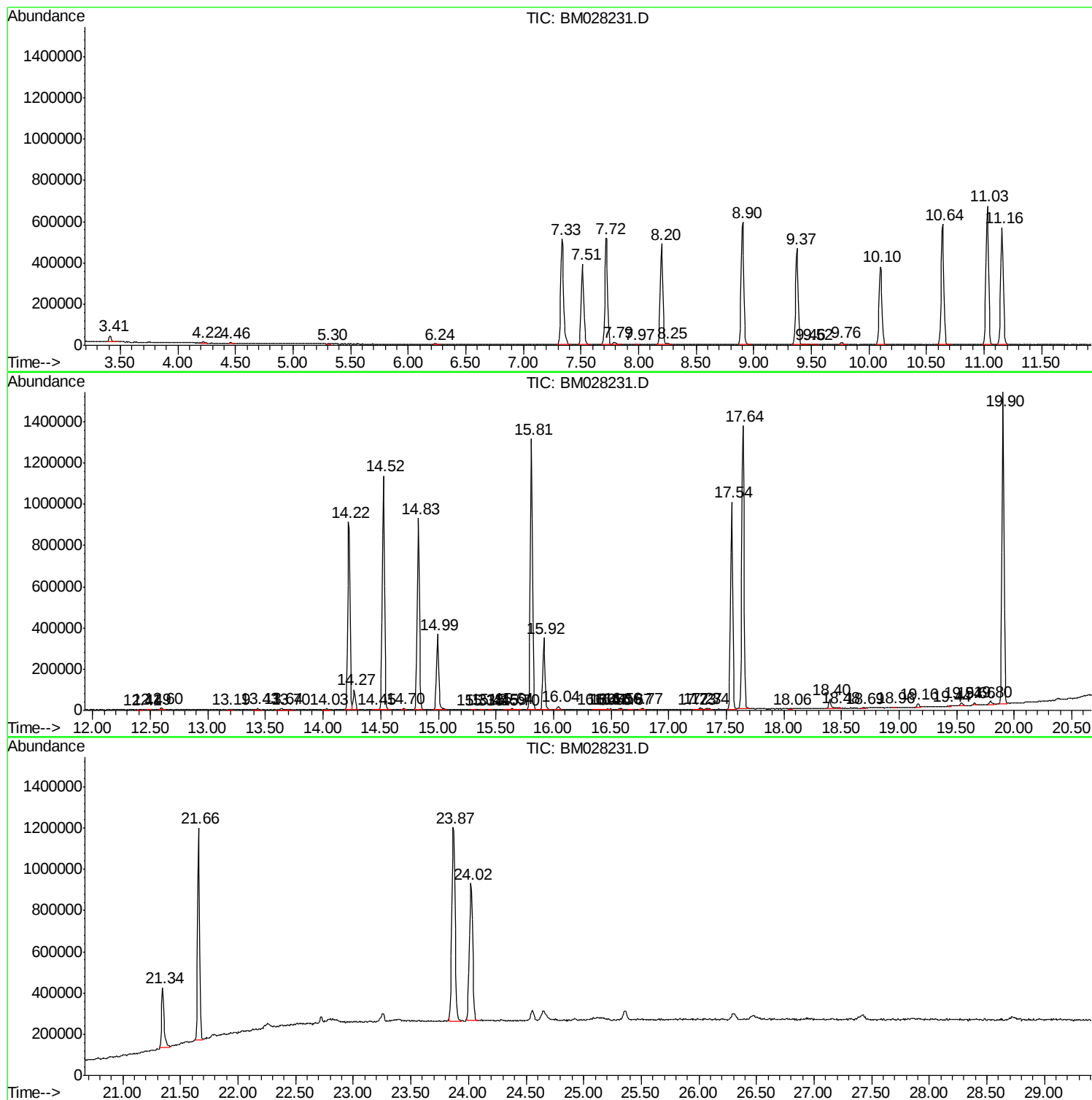
Sum of corrected areas: 26194138

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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



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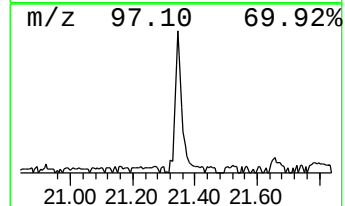
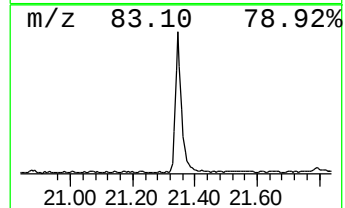
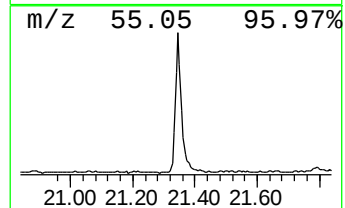
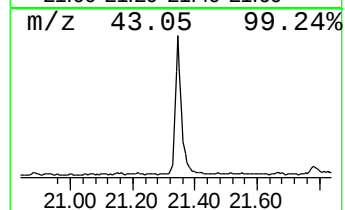
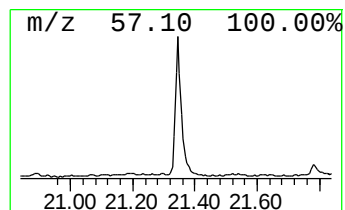
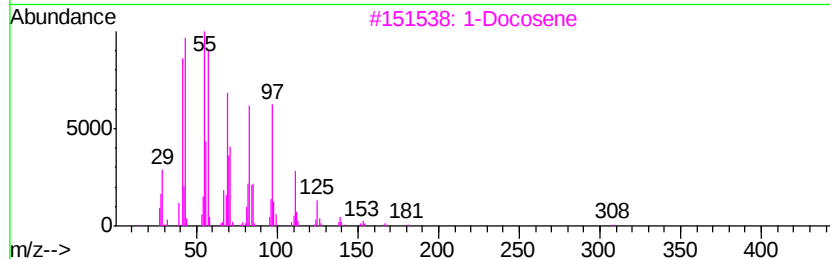
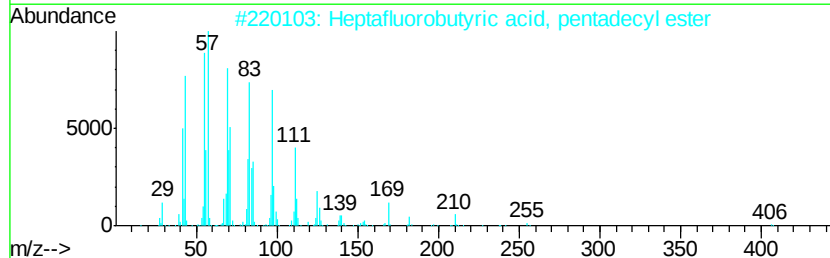
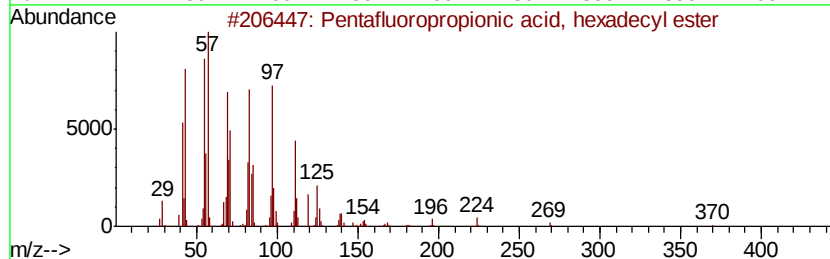
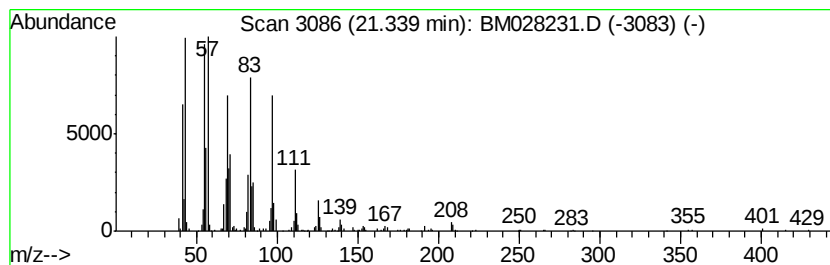
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Pentafluoropropionic acid, ... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.34 | 6.32 ng/ul | 415639 | Chrysene-d12     | 21.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 94   |
| 2    |    | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 3    |    | 1-Docosene                          | 308 | C22H44     | 001599-67-3 | 94   |
| 4    |    | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 5    |    | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 93   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| Pentafluoropropio... | 21.34 | 6.3     | ng/ul | 415639   | 5                       | 21.66 | 1316330 | 20.0 |