

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111723\  
 Data File : BM042853.D  
 Acq On : 17 Nov 2023 20:40  
 Operator : MA/JU  
 Sample : 05268-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCKC8

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\SFAM-EPA-BM111323.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM042853.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         | 3.175       | 29            | 32          | 36           | rVB3     | 4349           | 6132          | 0.64%           | 0.074%        |
| 2         | 3.616       | 104           | 107         | 120          | rBV      | 51508          | 91816         | 9.52%           | 1.102%        |
| 3         | 3.922       | 156           | 159         | 160          | rBV3     | 2804           | 2857          | 0.30%           | 0.034%        |
| 4         | 4.369       | 233           | 235         | 238          | rBV4     | 1441           | 1122          | 0.12%           | 0.013%        |
| 5         | 4.728       | 293           | 296         | 299          | rBV5     | 1843           | 2191          | 0.23%           | 0.026%        |
| 6         | 4.757       | 299           | 301         | 304          | rVV3     | 1425           | 1315          | 0.14%           | 0.016%        |
| 7         | 5.134       | 363           | 365         | 368          | rBV3     | 1653           | 1351          | 0.14%           | 0.016%        |
| 8         | 5.434       | 414           | 416         | 418          | rBV2     | 888            | 1022          | 0.11%           | 0.012%        |
| 9         | 5.457       | 418           | 420         | 424          | rVB4     | 1433           | 1241          | 0.13%           | 0.015%        |
| 10        | 6.075       | 523           | 525         | 529          | rVB4     | 1574           | 1823          | 0.19%           | 0.022%        |
| 11        | 6.351       | 569           | 572         | 574          | rBV4     | 1326           | 1800          | 0.19%           | 0.022%        |
| 12        | 6.863       | 656           | 659         | 662          | rBV5     | 808            | 1178          | 0.12%           | 0.014%        |
| 13        | 6.993       | 675           | 681         | 694          | rBV2     | 23425          | 60510         | 6.27%           | 0.726%        |
| 14        | 7.169       | 705           | 711         | 725          | rBV      | 93287          | 172183        | 17.85%          | 2.066%        |
| 15        | 7.340       | 735           | 740         | 753          | rBV      | 91989          | 174862        | 18.12%          | 2.098%        |
| 16        | 7.445       | 757           | 758         | 760          | rVB2     | 2089           | 1280          | 0.13%           | 0.015%        |
| 17        | 7.463       | 760           | 761         | 764          | rVB3     | 1567           | 1255          | 0.13%           | 0.015%        |
| 18        | 7.581       | 777           | 781         | 782          | rBV3     | 1713           | 1666          | 0.17%           | 0.020%        |
| 19        | 7.816       | 816           | 821         | 839          | rBV      | 108114         | 205892        | 21.34%          | 2.471%        |
| 20        | 7.934       | 839           | 841         | 849          | rVB6     | 1742           | 2816          | 0.29%           | 0.034%        |
| 21        | 8.545       | 939           | 945         | 963          | rBV      | 54653          | 122696        | 12.72%          | 1.472%        |
| 22        | 8.710       | 972           | 973         | 978          | rVB4     | 1687           | 1442          | 0.15%           | 0.017%        |
| 23        | 8.763       | 978           | 982         | 985          | rBV4     | 790            | 1125          | 0.12%           | 0.013%        |
| 24        | 8.939       | 1009          | 1012        | 1015         | rBV4     | 757            | 1107          | 0.11%           | 0.013%        |
| 25        | 9.022       | 1019          | 1026        | 1041         | rBV      | 114852         | 226368        | 23.46%          | 2.716%        |
| 26        | 9.734       | 1139          | 1147        | 1162         | rBV2     | 84514          | 170531        | 17.68%          | 2.046%        |
| 27        | 10.263      | 1230          | 1237        | 1252         | rBV      | 95156          | 212692        | 22.05%          | 2.552%        |
| 28        | 10.363      | 1252          | 1254        | 1256         | rVB3     | 1325           | 1113          | 0.12%           | 0.013%        |
| 29        | 10.634      | 1293          | 1300        | 1311         | rBV      | 148859         | 267290        | 27.70%          | 3.207%        |
| 30        | 10.722      | 1313          | 1315        | 1320         | rVB4     | 1466           | 1155          | 0.12%           | 0.014%        |
| 31        | 10.810      | 1324          | 1330        | 1350         | rBV2     | 93192          | 237851        | 24.65%          | 2.854%        |
| 32        | 11.051      | 1369          | 1371        | 1375         | rVB4     | 1284           | 1163          | 0.12%           | 0.014%        |
| 33        | 11.251      | 1401          | 1405        | 1408         | rBV4     | 696            | 1005          | 0.10%           | 0.012%        |
| 34        | 11.492      | 1443          | 1446        | 1450         | rVB2     | 877            | 1204          | 0.12%           | 0.014%        |
| 35        | 11.533      | 1450          | 1453        | 1455         | rBV3     | 776            | 1073          | 0.11%           | 0.013%        |
| 36        | 11.692      | 1477          | 1480        | 1484         | rVB4     | 883            | 1184          | 0.12%           | 0.014%        |

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 Sample : 05268-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCKC8

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\SFAM-EPA-BM111323.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 11.780 | 1493 | 1495 | 1498 | rVB3 | 1255 | 1122 | 0.12% | 0.013% |
| 38 | 12.545 | 1621 | 1625 | 1628 | rBV2 | 731  | 1264 | 0.13% | 0.015% |
| 39 | 13.233 | 1738 | 1742 | 1745 | rVB3 | 2237 | 2131 | 0.22% | 0.026% |
| 40 | 13.322 | 1753 | 1757 | 1763 | rVB2 | 6275 | 9355 | 0.97% | 0.112% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 13.898 | 1849 | 1855 | 1867 | rBV  | 297250 | 429354 | 44.50% | 5.152% |
| 42 | 14.022 | 1875 | 1876 | 1880 | rVB3 | 1221   | 1130   | 0.12%  | 0.014% |
| 43 | 14.174 | 1896 | 1902 | 1911 | rBV  | 306921 | 448496 | 46.49% | 5.382% |
| 44 | 14.316 | 1921 | 1926 | 1928 | rBV4 | 863    | 1489   | 0.15%  | 0.018% |
| 45 | 14.474 | 1947 | 1953 | 1966 | rBV  | 233718 | 339573 | 35.20% | 4.075% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 14.792 | 2002 | 2007 | 2008 | rBV3 | 2220   | 2953   | 0.31%  | 0.035% |
| 47 | 15.216 | 2076 | 2079 | 2083 | rVB4 | 939    | 1292   | 0.13%  | 0.016% |
| 48 | 15.251 | 2083 | 2085 | 2092 | rVB3 | 1109   | 1709   | 0.18%  | 0.021% |
| 49 | 15.468 | 2116 | 2122 | 2136 | rBV  | 394359 | 582585 | 60.38% | 6.991% |
| 50 | 15.557 | 2136 | 2137 | 2143 | rVV2 | 1994   | 2954   | 0.31%  | 0.035% |

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 51 | 15.621 | 2143 | 2148 | 2160 | rVV  | 76352 | 143367 | 14.86% | 1.720% |
| 52 | 15.704 | 2160 | 2162 | 2166 | rVB3 | 2024  | 2713   | 0.28%  | 0.033% |
| 53 | 15.851 | 2184 | 2187 | 2190 | rBV3 | 1193  | 1606   | 0.17%  | 0.019% |
| 54 | 15.992 | 2208 | 2211 | 2215 | rVB2 | 929   | 1371   | 0.14%  | 0.016% |
| 55 | 16.121 | 2229 | 2233 | 2237 | rBV4 | 1134  | 2036   | 0.21%  | 0.024% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 56 | 16.680 | 2323 | 2328 | 2330 | rBV2 | 647  | 984  | 0.10% | 0.012% |
| 57 | 16.739 | 2334 | 2338 | 2339 | rBV3 | 875  | 1160 | 0.12% | 0.014% |
| 58 | 16.886 | 2360 | 2363 | 2365 | rBV2 | 788  | 981  | 0.10% | 0.012% |
| 59 | 16.921 | 2368 | 2369 | 2373 | rVB2 | 1095 | 1054 | 0.11% | 0.013% |
| 60 | 16.957 | 2373 | 2375 | 2379 | rBV3 | 1073 | 1324 | 0.14% | 0.016% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 17.004 | 2379 | 2383 | 2385 | rVB2 | 858    | 1015   | 0.11%  | 0.012% |
| 62 | 17.027 | 2385 | 2387 | 2389 | rBV2 | 995    | 1173   | 0.12%  | 0.014% |
| 63 | 17.227 | 2415 | 2421 | 2432 | rBV  | 273199 | 391936 | 40.62% | 4.703% |
| 64 | 17.327 | 2432 | 2438 | 2450 | rVV  | 436474 | 652815 | 67.66% | 7.833% |
| 65 | 17.433 | 2454 | 2456 | 2459 | rVV3 | 3215   | 4746   | 0.49%  | 0.057% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 17.462 | 2459 | 2461 | 2464 | rVV3 | 2663  | 3373  | 0.35% | 0.040% |
| 67 | 17.492 | 2464 | 2466 | 2467 | rVV2 | 2476  | 1560  | 0.16% | 0.019% |
| 68 | 18.045 | 2558 | 2560 | 2562 | rBV3 | 1513  | 1199  | 0.12% | 0.014% |
| 69 | 18.080 | 2562 | 2566 | 2575 | rBV  | 41755 | 69267 | 7.18% | 0.831% |
| 70 | 18.268 | 2592 | 2598 | 2601 | rVB5 | 1496  | 2565  | 0.27% | 0.031% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 18.345 | 2608 | 2611 | 2612 | rBV3 | 1749 | 1258 | 0.13% | 0.015% |
| 72 | 18.415 | 2620 | 2623 | 2627 | rVB4 | 1326 | 2015 | 0.21% | 0.024% |
| 73 | 18.580 | 2648 | 2651 | 2655 | rBV4 | 1357 | 2164 | 0.22% | 0.026% |
| 74 | 18.615 | 2655 | 2657 | 2661 | rVB3 | 1017 | 1315 | 0.14% | 0.016% |
| 75 | 18.651 | 2661 | 2663 | 2664 | rBV  | 2106 | 1158 | 0.12% | 0.014% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 18.774 | 2681 | 2684 | 2685 | rBV3 | 1402 | 1119 | 0.12% | 0.013% |
|----|--------|------|------|------|------|------|------|-------|--------|

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Instrument :  
 BNA\_M  
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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\SFAM-EPA-BM111323.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 77 | 18.809 | 2688 | 2690 | 2692 | rVB2 | 1349   | 1046   | 0.11%   | 0.013%  |
| 78 | 19.109 | 2739 | 2741 | 2744 | rBV4 | 1065   | 985    | 0.10%   | 0.012%  |
| 79 | 19.186 | 2750 | 2754 | 2757 | rVB4 | 3746   | 4938   | 0.51%   | 0.059%  |
| 80 | 19.215 | 2757 | 2759 | 2760 | rBV2 | 1705   | 1340   | 0.14%   | 0.016%  |
| 81 | 19.233 | 2760 | 2762 | 2763 | rBV2 | 1771   | 1735   | 0.18%   | 0.021%  |
| 82 | 19.262 | 2764 | 2767 | 2769 | rVB4 | 3805   | 4400   | 0.46%   | 0.053%  |
| 83 | 19.368 | 2781 | 2785 | 2791 | rBV3 | 11033  | 17573  | 1.82%   | 0.211%  |
| 84 | 19.627 | 2823 | 2829 | 2842 | rBV  | 656659 | 895364 | 92.80%  | 10.744% |
| 85 | 19.774 | 2852 | 2854 | 2857 | rBV3 | 1545   | 2086   | 0.22%   | 0.025%  |
| 86 | 20.015 | 2891 | 2895 | 2897 | rBV4 | 3206   | 4730   | 0.49%   | 0.057%  |
| 87 | 20.098 | 2907 | 2909 | 2913 | rVB2 | 8346   | 9157   | 0.95%   | 0.110%  |
| 88 | 20.521 | 2979 | 2981 | 2982 | rBV  | 2631   | 1178   | 0.12%   | 0.014%  |
| 89 | 20.598 | 2990 | 2994 | 3000 | rBV4 | 12200  | 16639  | 1.72%   | 0.200%  |
| 90 | 21.086 | 3069 | 3077 | 3089 | rBV2 | 66170  | 169754 | 17.59%  | 2.037%  |
| 91 | 21.415 | 3128 | 3133 | 3144 | rBV  | 330868 | 470952 | 48.81%  | 5.651%  |
| 92 | 21.498 | 3145 | 3147 | 3152 | rVB2 | 19245  | 23031  | 2.39%   | 0.276%  |
| 93 | 21.939 | 3220 | 3222 | 3227 | rVB3 | 16817  | 18384  | 1.91%   | 0.221%  |
| 94 | 22.415 | 3301 | 3303 | 3310 | rVB3 | 20629  | 25601  | 2.65%   | 0.307%  |
| 95 | 22.550 | 3323 | 3326 | 3331 | rVB  | 34740  | 45280  | 4.69%   | 0.543%  |
| 96 | 22.944 | 3391 | 3393 | 3401 | rVB5 | 26623  | 37137  | 3.85%   | 0.446%  |
| 97 | 23.615 | 3500 | 3507 | 3518 | rBV  | 479354 | 964791 | 100.00% | 11.577% |
| 98 | 23.774 | 3527 | 3534 | 3543 | rBV  | 251072 | 513632 | 53.24%  | 6.163%  |

Sum of corrected areas: 8333725



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Instrument :  
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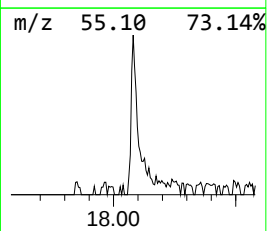
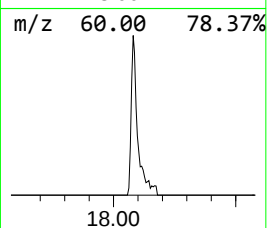
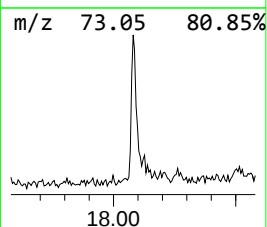
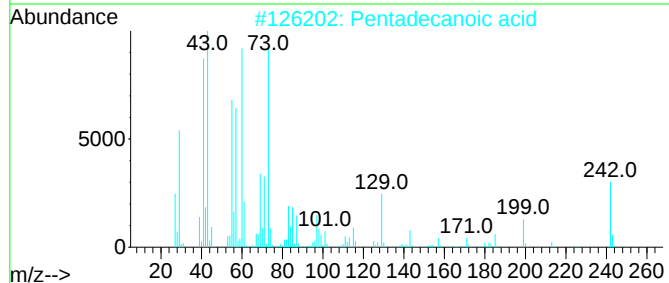
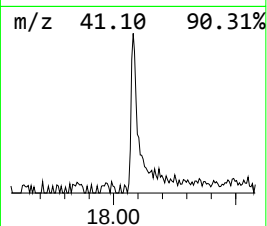
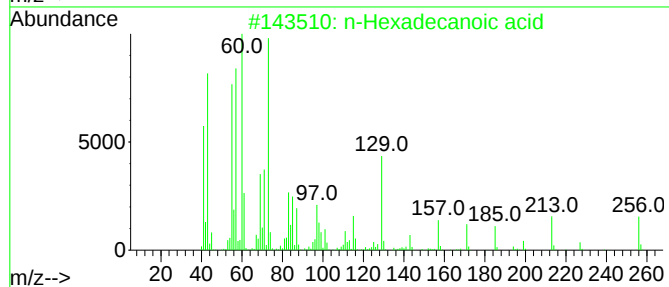
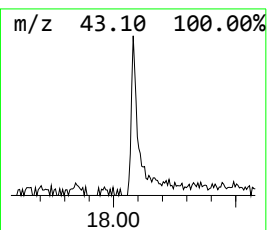
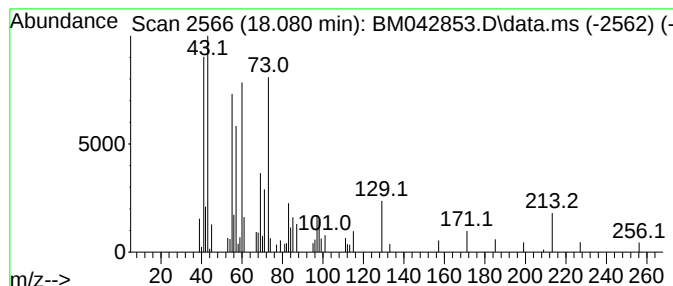
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.080 | 3.53 ng/ul | 69267 | Phenanthrene-d10 | 17.227 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 80   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 80   |



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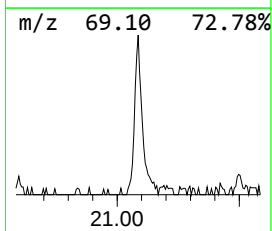
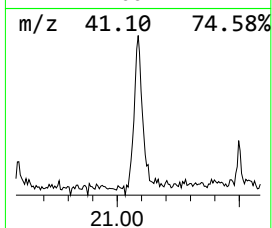
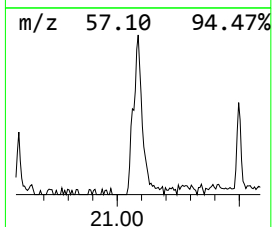
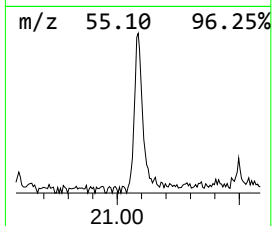
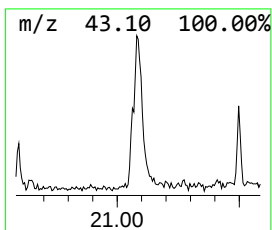
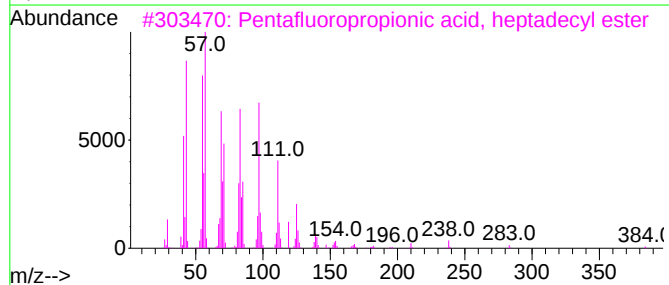
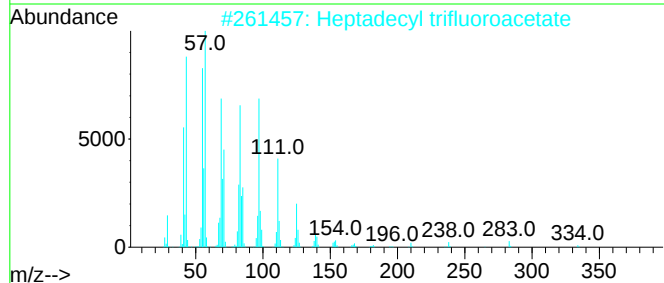
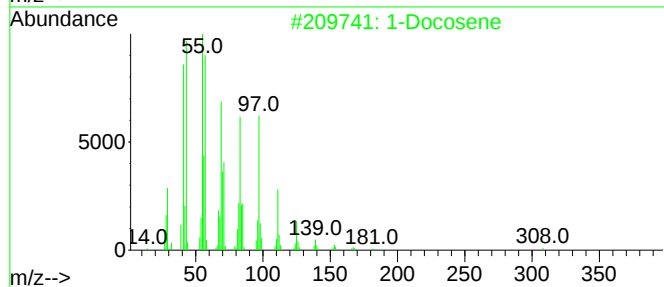
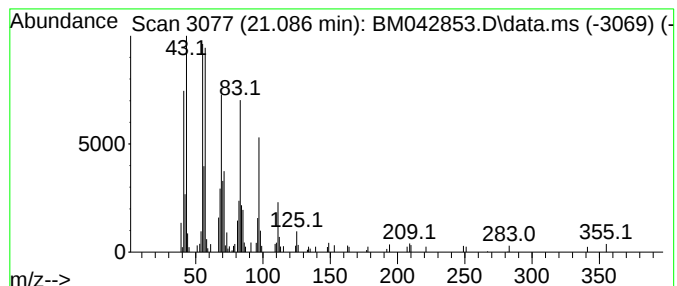
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.086 | 7.21 ng/ul | 169754 | Chrysene-d12     | 21.415 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Docosene                          |   |              | 308 | C22H44     | 001599-67-3  | 91   |
| 2    | Heptadecyl trifluoroacetate         |   |              | 352 | C19H35F3O2 | 1010351-87-0 | 91   |
| 3    | Pentafluoropropionic acid, hepta... |   |              | 402 | C20H35F5O2 | 959218-78-1  | 91   |
| 4    | 1-Tetracosene                       |   |              | 336 | C24H48     | 010192-32-2  | 91   |
| 5    | 1-Heneicosanol                      |   |              | 312 | C21H44O    | 015594-90-8  | 91   |



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Sample : 05268-06  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCKC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.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 ... | 18.080 | 3.5     | ng/u1 | 69267    | 4                     | 17.227 | 391936 | 20.0 |
| (DEL) Alkane: S... | 21.086 | 7.2     | ng/u1 | 169754   | 5                     | 21.415 | 470952 | 20.0 |