

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\  
 Data File : BM030075.D  
 Acq On : 18 May 2021 21:06  
 Operator : CG/JU  
 Sample : M2396-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0GJ1

## 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\SFAM-EPA-BM050721.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      | 2.993    | 14         | 18       | 24        | rVB   | 38045       | 60484      | 1.09%        | 0.141%     |
| 2      | 3.658    | 129        | 131      | 138       | rVB2  | 12519       | 19509      | 0.35%        | 0.045%     |
| 3      | 4.257    | 228        | 233      | 247       | rBV   | 389881      | 643921     | 11.57%       | 1.500%     |
| 4      | 5.940    | 515        | 519      | 523       | rVB5  | 3009        | 5590       | 0.10%        | 0.013%     |
| 5      | 6.716    | 645        | 651      | 667       | rBV   | 92536       | 220912     | 3.97%        | 0.515%     |
| 6      | 6.869    | 671        | 677      | 694       | rBV   | 347201      | 669699     | 12.04%       | 1.561%     |
| 7      | 7.051    | 702        | 708      | 722       | rBV   | 426864      | 799546     | 14.37%       | 1.863%     |
| 8      | 7.516    | 780        | 787      | 804       | rBV   | 433106      | 773404     | 13.90%       | 1.802%     |
| 9      | 7.734    | 819        | 824      | 828       | rBV6  | 6074        | 9722       | 0.17%        | 0.023%     |
| 10     | 8.045    | 873        | 877      | 881       | rBV5  | 4226        | 6303       | 0.11%        | 0.015%     |
| 11     | 8.187    | 896        | 901      | 904       | rBV5  | 3583        | 6027       | 0.11%        | 0.014%     |
| 12     | 8.240    | 904        | 910      | 930       | rBV   | 288726      | 598812     | 10.76%       | 1.395%     |
| 13     | 8.675    | 977        | 984      | 1002      | rBV   | 502052      | 955581     | 17.17%       | 2.227%     |
| 14     | 9.087    | 1049       | 1054     | 1061      | rVB   | 21361       | 35606      | 0.64%        | 0.083%     |
| 15     | 9.392    | 1099       | 1106     | 1130      | rBV   | 416609      | 831224     | 14.94%       | 1.937%     |
| 16     | 9.928    | 1191       | 1197     | 1222      | rBV   | 434661      | 1085110    | 19.50%       | 2.528%     |
| 17     | 10.287   | 1251       | 1258     | 1271      | rBV   | 683404      | 1196908    | 21.51%       | 2.789%     |
| 18     | 10.504   | 1288       | 1295     | 1296      | rBV5  | 7275        | 12574      | 0.23%        | 0.029%     |
| 19     | 11.575   | 1471       | 1477     | 1485      | rVB2  | 14873       | 26900      | 0.48%        | 0.063%     |
| 20     | 11.916   | 1531       | 1535     | 1536      | rBV3  | 5013        | 7024       | 0.13%        | 0.016%     |
| 21     | 12.416   | 1616       | 1620     | 1626      | rBV3  | 13608       | 23957      | 0.43%        | 0.056%     |
| 22     | 12.516   | 1631       | 1637     | 1642      | rBV7  | 4323        | 8346       | 0.15%        | 0.019%     |
| 23     | 12.692   | 1662       | 1667     | 1677      | rBV2  | 19329       | 38309      | 0.69%        | 0.089%     |
| 24     | 12.775   | 1677       | 1681     | 1686      | rVB5  | 5399        | 8985       | 0.16%        | 0.021%     |
| 25     | 12.998   | 1715       | 1719     | 1722      | rBV5  | 5837        | 8783       | 0.16%        | 0.020%     |
| 26     | 13.422   | 1786       | 1791     | 1798      | rBV8  | 4852        | 12120      | 0.22%        | 0.028%     |
| 27     | 13.592   | 1813       | 1820     | 1826      | rBV   | 1548573     | 2218231    | 39.86%       | 5.169%     |
| 28     | 13.857   | 1858       | 1865     | 1876      | rBV   | 1758961     | 2514985    | 45.20%       | 5.860%     |
| 29     | 14.086   | 1899       | 1904     | 1908      | rVB3  | 8787        | 13070      | 0.23%        | 0.030%     |
| 30     | 14.169   | 1911       | 1918     | 1927      | rBV   | 1187125     | 1752879    | 31.50%       | 4.084%     |
| 31     | 14.451   | 1958       | 1966     | 1970      | rBV6  | 20387       | 52721      | 0.95%        | 0.123%     |
| 32     | 14.986   | 2052       | 2057     | 2059      | rBV4  | 3803        | 6450       | 0.12%        | 0.015%     |
| 33     | 15.010   | 2059       | 2061     | 2063      | rVV2  | 7121        | 8401       | 0.15%        | 0.020%     |
| 34     | 15.039   | 2063       | 2066     | 2071      | rVB2  | 17605       | 20722      | 0.37%        | 0.048%     |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0GJ1

## 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\SFAM-EPA-BM050721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 15.169 | 2081 | 2088 | 2101 | rBV  | 2350725 | 3350523 | 60.21%  | 7.807%  |
| 36 | 15.310 | 2106 | 2112 | 2123 | rVV  | 771542  | 1238407 | 22.26%  | 2.886%  |
| 37 | 15.410 | 2125 | 2129 | 2138 | rVB3 | 34521   | 70003   | 1.26%   | 0.163%  |
| 38 | 15.557 | 2150 | 2154 | 2158 | rVB5 | 3815    | 6027    | 0.11%   | 0.014%  |
| 39 | 15.592 | 2158 | 2160 | 2165 | rVB6 | 5387    | 6706    | 0.12%   | 0.016%  |
| 40 | 15.657 | 2165 | 2171 | 2175 | rVB8 | 3556    | 7187    | 0.13%   | 0.017%  |
| 41 | 15.904 | 2209 | 2213 | 2218 | rBV2 | 15840   | 24986   | 0.45%   | 0.058%  |
| 42 | 15.957 | 2218 | 2222 | 2227 | rVB6 | 9744    | 16953   | 0.30%   | 0.040%  |
| 43 | 16.074 | 2237 | 2242 | 2248 | rBV7 | 3733    | 6939    | 0.12%   | 0.016%  |
| 44 | 16.157 | 2251 | 2256 | 2260 | rVB  | 18473   | 24187   | 0.43%   | 0.056%  |
| 45 | 16.316 | 2278 | 2283 | 2286 | rVB2 | 8264    | 10981   | 0.20%   | 0.026%  |
| 46 | 16.416 | 2297 | 2300 | 2308 | rBV7 | 4464    | 6689    | 0.12%   | 0.016%  |
| 47 | 16.698 | 2342 | 2348 | 2352 | rBV6 | 13341   | 22597   | 0.41%   | 0.053%  |
| 48 | 16.915 | 2379 | 2385 | 2395 | rBV  | 1488304 | 2146589 | 38.58%  | 5.002%  |
| 49 | 17.015 | 2395 | 2402 | 2416 | rVV  | 2666102 | 3912343 | 70.31%  | 9.116%  |
| 50 | 17.221 | 2434 | 2437 | 2444 | rVB7 | 5317    | 10596   | 0.19%   | 0.025%  |
| 51 | 17.433 | 2467 | 2473 | 2476 | rBV4 | 5802    | 8760    | 0.16%   | 0.020%  |
| 52 | 17.480 | 2479 | 2481 | 2488 | rVB8 | 4797    | 7964    | 0.14%   | 0.019%  |
| 53 | 17.604 | 2497 | 2502 | 2507 | rVB6 | 10495   | 18207   | 0.33%   | 0.042%  |
| 54 | 17.827 | 2535 | 2540 | 2549 | rBV2 | 116200  | 208086  | 3.74%   | 0.485%  |
| 55 | 17.898 | 2550 | 2552 | 2558 | rVB2 | 15265   | 22142   | 0.40%   | 0.052%  |
| 56 | 18.121 | 2587 | 2590 | 2595 | rVB7 | 5908    | 7759    | 0.14%   | 0.018%  |
| 57 | 18.315 | 2620 | 2623 | 2628 | rBV7 | 4217    | 8443    | 0.15%   | 0.020%  |
| 58 | 18.586 | 2665 | 2669 | 2672 | rVB2 | 7855    | 9477    | 0.17%   | 0.022%  |
| 59 | 18.951 | 2728 | 2731 | 2736 | rBV2 | 26219   | 41999   | 0.75%   | 0.098%  |
| 60 | 19.121 | 2756 | 2760 | 2768 | rBV4 | 32813   | 60249   | 1.08%   | 0.140%  |
| 61 | 19.204 | 2770 | 2774 | 2780 | rVV  | 26560   | 39436   | 0.71%   | 0.092%  |
| 62 | 19.315 | 2787 | 2793 | 2803 | rBV  | 3673927 | 4797126 | 86.21%  | 11.178% |
| 63 | 20.833 | 3047 | 3051 | 3061 | rBV  | 316150  | 477212  | 8.58%   | 1.112%  |
| 64 | 21.109 | 3093 | 3098 | 3110 | rBV  | 1827149 | 2521798 | 45.32%  | 5.876%  |
| 65 | 22.609 | 3350 | 3353 | 3358 | rVB  | 118923  | 160617  | 2.89%   | 0.374%  |
| 66 | 23.115 | 3432 | 3439 | 3454 | rBV2 | 3029650 | 5564569 | 100.00% | 12.966% |
| 67 | 23.250 | 3456 | 3462 | 3478 | rVB2 | 1487111 | 2780655 | 49.97%  | 6.479%  |
| 68 | 23.750 | 3543 | 3547 | 3554 | rVB  | 187480  | 323902  | 5.82%   | 0.755%  |
| 69 | 24.450 | 3662 | 3666 | 3675 | rVB  | 169940  | 342559  | 6.16%   | 0.798%  |

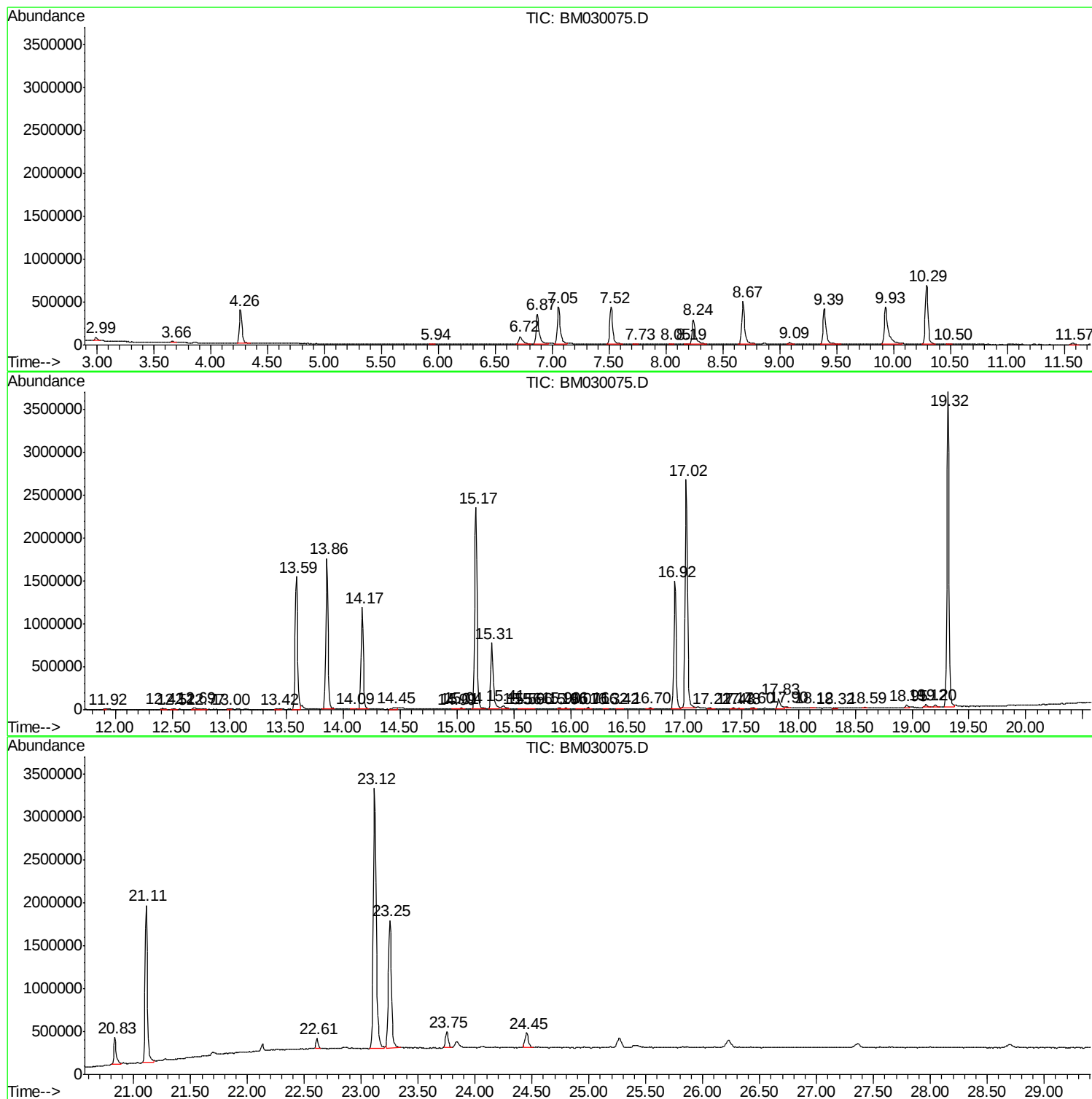
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0GJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\  
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Operator : CG/JU  
Sample : M2396-06  
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Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
Quant Title : SVOA CALIBRATION

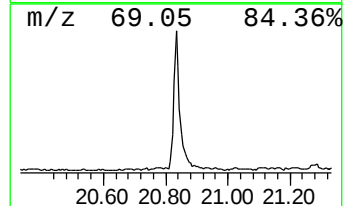
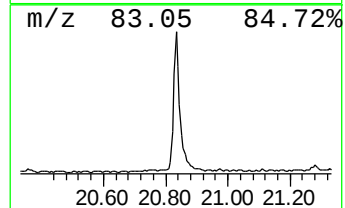
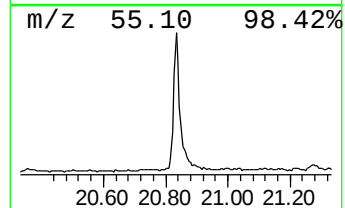
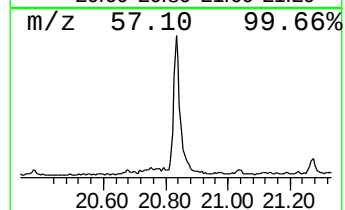
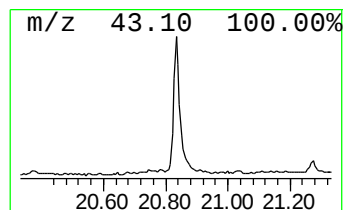
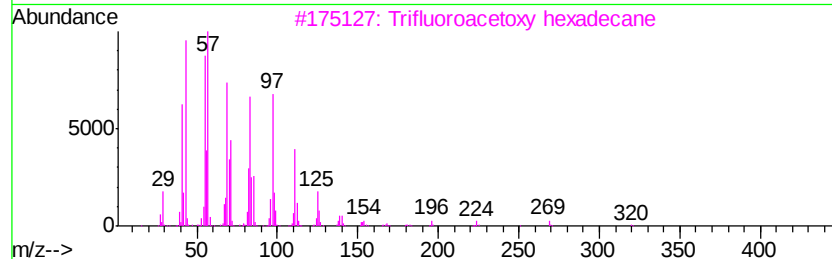
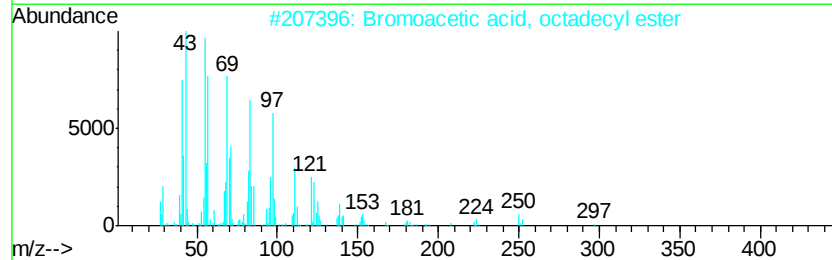
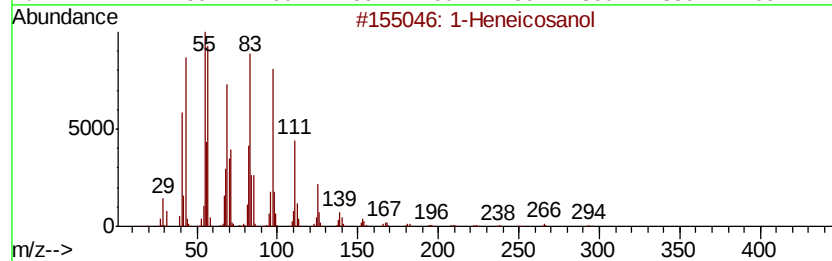
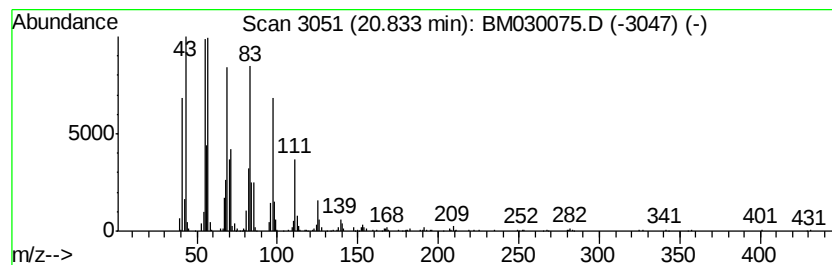
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Heneicosanol Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.83 | 3.78 ng/ul | 477212 | Chrysene-d12     | 21.11 |

| Hit# | of | Tentative ID                      | MW  | MolForm    | CAS#        | Qual |
|------|----|-----------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Heneicosanol                    | 312 | C21H44O    | 015594-90-8 | 94   |
| 2    |    | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 91   |
| 3    |    | Trifluoroacetoxy hexadecane       | 338 | C18H33F3O2 | 006222-03-3 | 91   |
| 4    |    | 1-Heneicosyl formate              | 340 | C22H44O2   | 077899-03-7 | 91   |
| 5    |    | n-Tetracosanol-1                  | 354 | C24H50O    | 000506-51-4 | 91   |



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Instrument :  
BNA\_M  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
Quant Title : SVOA CALIBRATION

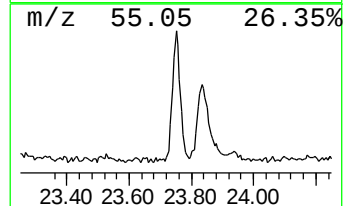
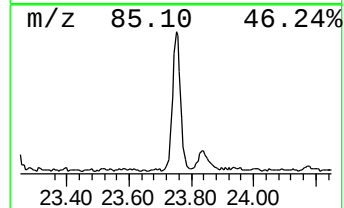
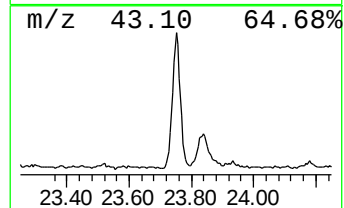
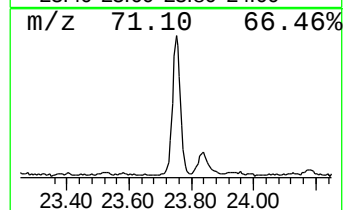
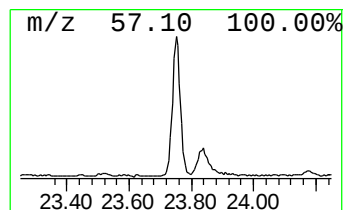
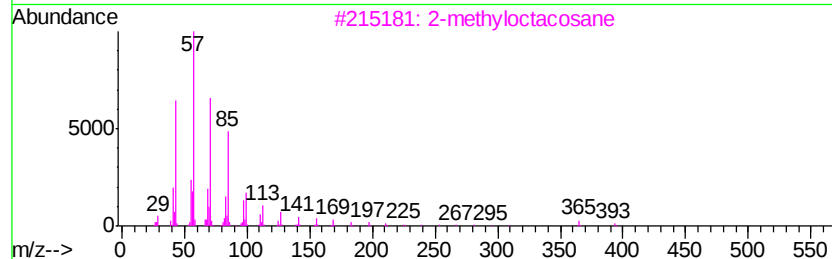
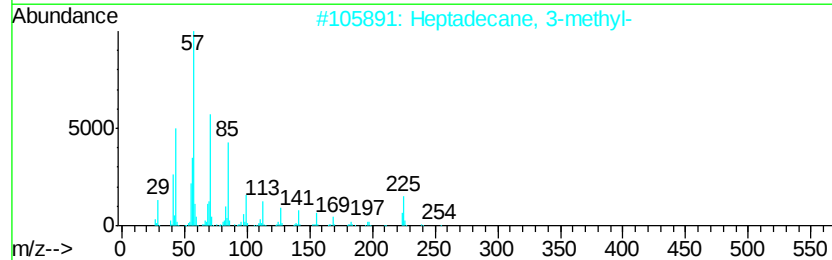
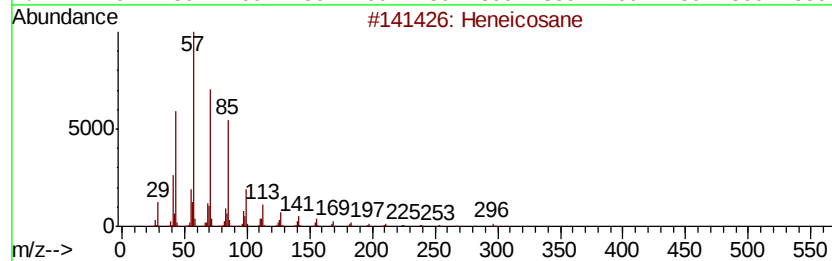
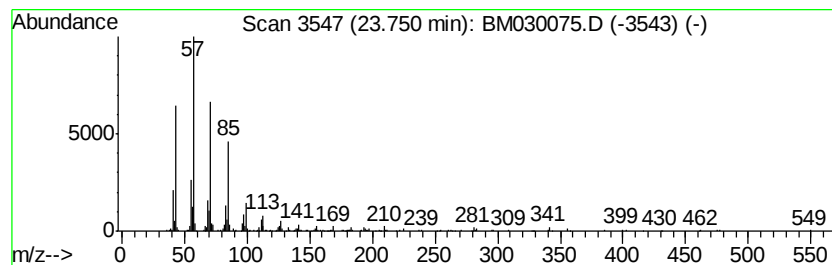
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.75 | 2.33 ng/ul | 323902 | Perylene-d12     | 23.25 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7  | 95   |
| 2    |    | Heptadecane, 3-methyl- | 254 | C18H38  | 006418-44-6  | 87   |
| 3    |    | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 87   |
| 4    |    | Octadecane             | 254 | C18H38  | 000593-45-3  | 87   |
| 5    |    | Heptadecane, 2-methyl- | 254 | C18H38  | 001560-89-0  | 86   |



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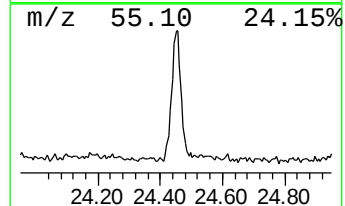
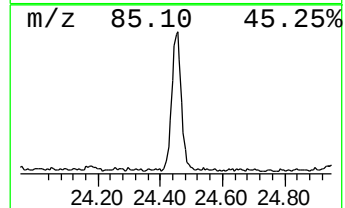
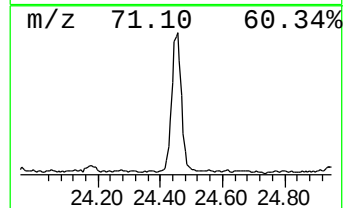
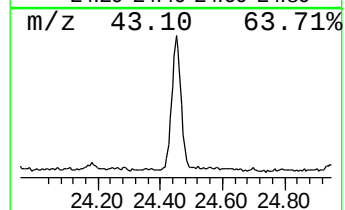
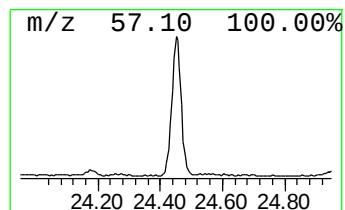
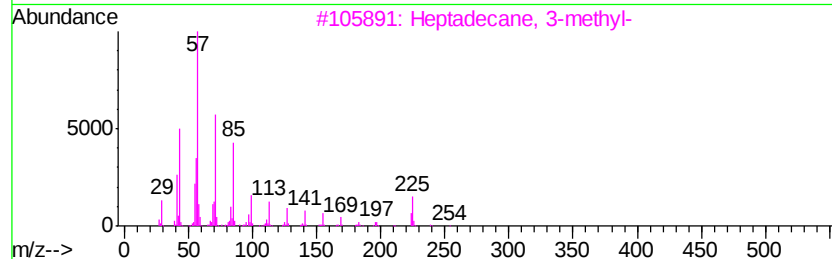
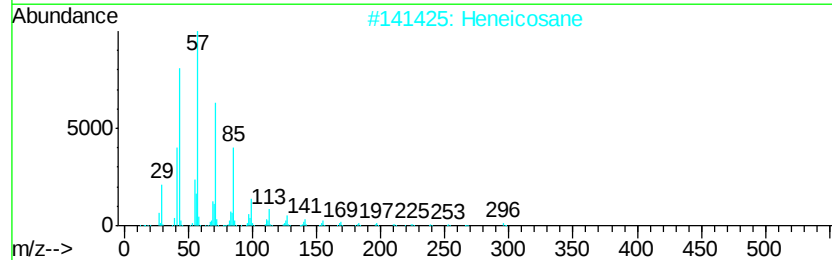
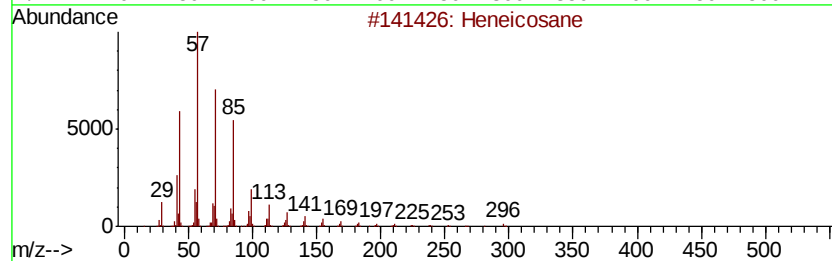
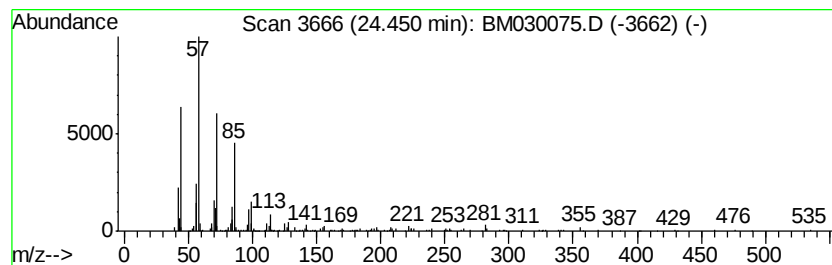
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.45 | 2.46 ng/ul | 342559 | Perylene-d12     | 23.25 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7  | 97   |
| 2    |    | Heneicosane            | 296 | C21H44  | 000629-94-7  | 93   |
| 3    |    | Heptadecane, 3-methyl- | 254 | C18H38  | 006418-44-6  | 90   |
| 4    |    | Octadecane             | 254 | C18H38  | 000593-45-3  | 90   |
| 5    |    | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 87   |



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ClientSampleId :  
C0GJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.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 |
| 1-Heneicosanol       | 20.83 | 3.8     | ng/ul | 477212   | 5                     | 21.11 | 2521800 | 20.0 |
| (DEL) Alkane: Str... | 23.75 | 2.3     | ng/ul | 323902   | 6                     | 23.25 | 2780660 | 20.0 |
| (DEL) Alkane: Str... | 24.45 | 2.5     | ng/ul | 342559   | 6                     | 23.25 | 2780660 | 20.0 |