

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042424\  
 Data File : BN031202.D  
 Acq On : 25 Apr 2024 00:09  
 Operator : MA/JU  
 Sample : P2104-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC6

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\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN031202.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         | 3.146       | 23            | 27          | 33           | rBV      | 25908          | 37327         | 0.63%           | 0.061%        |
| 2         | 3.416       | 70            | 73          | 82           | rBV      | 19607          | 35121         | 0.60%           | 0.058%        |
| 3         | 3.552       | 94            | 96          | 110          | rBV      | 264878         | 454296        | 7.70%           | 0.748%        |
| 4         | 3.864       | 145           | 149         | 153          | rBV      | 20836          | 26039         | 0.44%           | 0.043%        |
| 5         | 4.763       | 296           | 302         | 307          | rBV3     | 5624           | 12213         | 0.21%           | 0.020%        |
| 6         | 5.734       | 463           | 467         | 470          | rBV2     | 7656           | 9917          | 0.17%           | 0.016%        |
| 7         | 6.628       | 613           | 619         | 623          | rBV7     | 3757           | 6824          | 0.12%           | 0.011%        |
| 8         | 6.805       | 642           | 649         | 664          | rVB      | 630051         | 1053099       | 17.86%          | 1.734%        |
| 9         | 6.969       | 672           | 677         | 689          | rVV      | 487461         | 782912        | 13.28%          | 1.289%        |
| 10        | 7.163       | 703           | 710         | 720          | rBV      | 630846         | 1007465       | 17.08%          | 1.659%        |
| 11        | 7.240       | 720           | 723         | 728          | rVB6     | 6073           | 11282         | 0.19%           | 0.019%        |
| 12        | 7.628       | 782           | 789         | 798          | rBV      | 808022         | 1254503       | 21.27%          | 2.066%        |
| 13        | 7.704       | 798           | 802         | 812          | rVB7     | 7469           | 19325         | 0.33%           | 0.032%        |
| 14        | 8.334       | 902           | 909         | 921          | rBV      | 684612         | 1081400       | 18.34%          | 1.781%        |
| 15        | 8.451       | 923           | 929         | 936          | rVB      | 102418         | 166983        | 2.83%           | 0.275%        |
| 16        | 8.781       | 978           | 985         | 996          | rBV      | 619302         | 1012280       | 17.17%          | 1.667%        |
| 17        | 8.946       | 1008          | 1013        | 1018         | rVB7     | 8473           | 14459         | 0.25%           | 0.024%        |
| 18        | 9.175       | 1047          | 1052        | 1059         | rVB2     | 14644          | 25046         | 0.42%           | 0.041%        |
| 19        | 9.351       | 1076          | 1082        | 1088         | rBV      | 26994          | 43011         | 0.73%           | 0.071%        |
| 20        | 9.498       | 1100          | 1107        | 1120         | rBV      | 504260         | 832302        | 14.11%          | 1.371%        |
| 21        | 9.651       | 1128          | 1133        | 1141         | rVB5     | 10080          | 20288         | 0.34%           | 0.033%        |
| 22        | 9.863       | 1163          | 1169        | 1173         | rBV3     | 9217           | 16304         | 0.28%           | 0.027%        |
| 23        | 9.910       | 1173          | 1177        | 1184         | rVB5     | 4693           | 8217          | 0.14%           | 0.014%        |
| 24        | 10.034      | 1190          | 1198        | 1211         | rBV      | 811480         | 1359200       | 23.05%          | 2.238%        |
| 25        | 10.198      | 1220          | 1226        | 1230         | rBV4     | 11906          | 23461         | 0.40%           | 0.039%        |
| 26        | 10.404      | 1253          | 1261        | 1270         | rBV      | 1211667        | 2049317       | 34.75%          | 3.375%        |
| 27        | 10.551      | 1279          | 1286        | 1305         | rBV      | 731553         | 1286822       | 21.82%          | 2.119%        |
| 28        | 10.957      | 1350          | 1355        | 1360         | rVB6     | 10730          | 18722         | 0.32%           | 0.031%        |
| 29        | 11.157      | 1383          | 1389        | 1394         | rBV2     | 28941          | 57827         | 0.98%           | 0.095%        |
| 30        | 11.204      | 1394          | 1397        | 1403         | rVB6     | 7654           | 14756         | 0.25%           | 0.024%        |
| 31        | 11.910      | 1513          | 1517        | 1521         | rBV5     | 4416           | 6914          | 0.12%           | 0.011%        |
| 32        | 12.004      | 1526          | 1533        | 1540         | rVB3     | 16048          | 26982         | 0.46%           | 0.044%        |
| 33        | 13.092      | 1713          | 1718        | 1722         | rBV7     | 6674           | 11010         | 0.19%           | 0.018%        |
| 34        | 13.169      | 1726          | 1731        | 1740         | rVB2     | 17644          | 27914         | 0.47%           | 0.046%        |
| 35        | 13.692      | 1813          | 1820        | 1829         | rBV      | 1567842        | 2145627       | 36.38%          | 3.533%        |
| 36        | 13.963      | 1854          | 1866        | 1877         | rBV      | 1795125        | 2697035       | 45.73%          | 4.441%        |

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 Sample : P2104-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC6

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\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 14.181 | 1898 | 1903 | 1908 | rVB7 | 5012    | 9055    | 0.15%  | 0.015% |
| 38 | 14.275 | 1912 | 1919 | 1929 | rBV  | 2044263 | 2902723 | 49.22% | 4.780% |
| 39 | 14.492 | 1948 | 1956 | 1976 | rBV  | 738661  | 1314184 | 22.28% | 2.164% |
| 40 | 14.645 | 1979 | 1982 | 1987 | rVV6 | 11896   | 24494   | 0.42%  | 0.040% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 14.704 | 1987 | 1992 | 1998 | rVB4 | 20945   | 37971   | 0.64%  | 0.063% |
| 42 | 15.075 | 2052 | 2055 | 2059 | rBV5 | 7630    | 10347   | 0.18%  | 0.017% |
| 43 | 15.133 | 2063 | 2065 | 2071 | rVB5 | 8674    | 9475    | 0.16%  | 0.016% |
| 44 | 15.269 | 2082 | 2088 | 2098 | rBV  | 2365873 | 3434879 | 58.25% | 5.657% |
| 45 | 15.392 | 2102 | 2109 | 2123 | rBV  | 561707  | 805923  | 13.67% | 1.327% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 15.510 | 2125 | 2129 | 2133 | rBV3 | 13390 | 19941 | 0.34% | 0.033% |
| 47 | 15.686 | 2158 | 2159 | 2166 | rVB6 | 3938  | 6012  | 0.10% | 0.010% |
| 48 | 15.992 | 2202 | 2211 | 2214 | rBV7 | 9392  | 19443 | 0.33% | 0.032% |
| 49 | 16.057 | 2219 | 2222 | 2226 | rVB6 | 8058  | 11688 | 0.20% | 0.019% |
| 50 | 16.433 | 2282 | 2286 | 2291 | rVB6 | 9762  | 13697 | 0.23% | 0.023% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 16.498 | 2292 | 2297 | 2300 | rBV6 | 6080  | 9935  | 0.17% | 0.016% |
| 52 | 16.539 | 2301 | 2304 | 2306 | rVV  | 6857  | 7408  | 0.13% | 0.012% |
| 53 | 16.575 | 2306 | 2310 | 2316 | rVB  | 25699 | 34064 | 0.58% | 0.056% |
| 54 | 16.792 | 2343 | 2347 | 2349 | rVV5 | 8517  | 13221 | 0.22% | 0.022% |
| 55 | 16.816 | 2349 | 2351 | 2353 | rVV3 | 8262  | 7431  | 0.13% | 0.012% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 16.833 | 2353 | 2354 | 2360 | rVB6 | 5957    | 6789    | 0.12%  | 0.011% |
| 57 | 16.951 | 2371 | 2374 | 2379 | rVB5 | 10388   | 11530   | 0.20%  | 0.019% |
| 58 | 17.028 | 2380 | 2387 | 2397 | rBV  | 2658818 | 3775920 | 64.03% | 6.218% |
| 59 | 17.122 | 2397 | 2403 | 2413 | rVV2 | 2721463 | 3857705 | 65.42% | 6.353% |
| 60 | 17.227 | 2413 | 2421 | 2424 | rVB8 | 28978   | 49059   | 0.83%  | 0.081% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 17.316 | 2433 | 2436 | 2445 | rVB7 | 9526  | 15666 | 0.27% | 0.026% |
| 62 | 17.422 | 2447 | 2454 | 2465 | rVV7 | 21812 | 55846 | 0.95% | 0.092% |
| 63 | 17.533 | 2469 | 2473 | 2475 | rVB5 | 7379  | 8748  | 0.15% | 0.014% |
| 64 | 17.704 | 2498 | 2502 | 2507 | rVB7 | 11399 | 17663 | 0.30% | 0.029% |
| 65 | 17.798 | 2514 | 2518 | 2523 | rBV6 | 13041 | 20043 | 0.34% | 0.033% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 66 | 17.927 | 2532 | 2540 | 2549 | rBV  | 316652 | 489609 | 8.30% | 0.806% |
| 67 | 18.257 | 2592 | 2596 | 2601 | rBV2 | 21070  | 35376  | 0.60% | 0.058% |
| 68 | 18.357 | 2609 | 2613 | 2618 | rBV  | 76626  | 90837  | 1.54% | 0.150% |
| 69 | 18.410 | 2618 | 2622 | 2628 | rVB4 | 16672  | 26078  | 0.44% | 0.043% |
| 70 | 18.510 | 2635 | 2639 | 2643 | rVB2 | 19931  | 26706  | 0.45% | 0.044% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 71 | 18.733 | 2674 | 2677 | 2682 | rBV3 | 23411 | 29556  | 0.50% | 0.049% |
| 72 | 18.780 | 2682 | 2685 | 2687 | rBV2 | 13561 | 18459  | 0.31% | 0.030% |
| 73 | 18.986 | 2716 | 2720 | 2728 | rVB4 | 62160 | 106390 | 1.80% | 0.175% |
| 74 | 19.063 | 2729 | 2733 | 2736 | rVV  | 53672 | 76201  | 1.29% | 0.125% |
| 75 | 19.092 | 2736 | 2738 | 2748 | rVB5 | 52258 | 78304  | 1.33% | 0.129% |

|    |        |      |      |      |     |        |        |       |        |
|----|--------|------|------|------|-----|--------|--------|-------|--------|
| 76 | 19.216 | 2755 | 2759 | 2768 | rBV | 193127 | 273971 | 4.65% | 0.451% |
|----|--------|------|------|------|-----|--------|--------|-------|--------|

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC6

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\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 19.374 | 2781 | 2786 | 2789 | rBV3 | 54717   | 78758   | 1.34%   | 0.130% |
| 78 | 19.427 | 2789 | 2795 | 2802 | rVV  | 4049951 | 5318161 | 90.18%  | 8.758% |
| 79 | 19.486 | 2802 | 2805 | 2809 | rVB2 | 36654   | 47623   | 0.81%   | 0.078% |
| 80 | 19.663 | 2832 | 2835 | 2840 | rVB  | 36335   | 43462   | 0.74%   | 0.072% |
| 81 | 19.980 | 2887 | 2889 | 2893 | rVB2 | 31752   | 31528   | 0.53%   | 0.052% |
| 82 | 20.369 | 2948 | 2955 | 2968 | rBV  | 2349897 | 2952067 | 50.06%  | 4.861% |
| 83 | 20.474 | 2970 | 2973 | 2978 | rVV2 | 81659   | 115502  | 1.96%   | 0.190% |
| 84 | 20.957 | 3051 | 3055 | 3065 | rBV  | 249321  | 428989  | 7.27%   | 0.706% |
| 85 | 21.263 | 3101 | 3107 | 3123 | rBV  | 3344693 | 4873689 | 82.64%  | 8.026% |
| 86 | 21.451 | 3137 | 3139 | 3143 | rVB  | 68499   | 72920   | 1.24%   | 0.120% |
| 87 | 21.998 | 3229 | 3232 | 3238 | rBV2 | 74880   | 116962  | 1.98%   | 0.193% |
| 88 | 23.962 | 3557 | 3566 | 3579 | rVB2 | 2426854 | 5897274 | 100.00% | 9.712% |
| 89 | 24.162 | 3590 | 3600 | 3616 | rVB  | 2180742 | 5328397 | 90.35%  | 8.775% |

Sum of corrected areas: 60723879



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Sample : P2104-15  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION

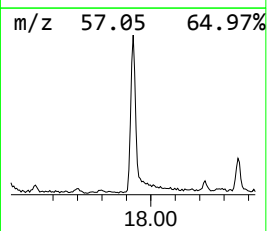
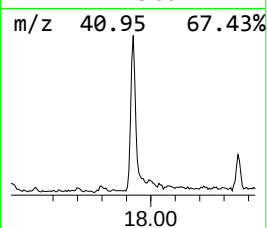
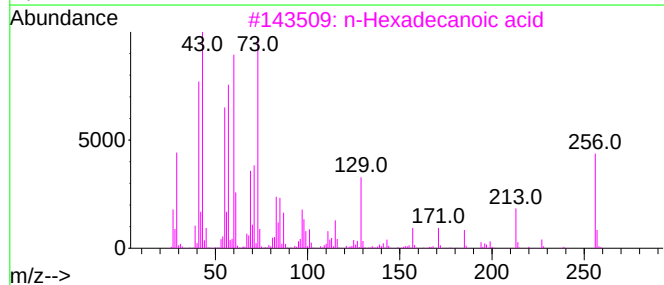
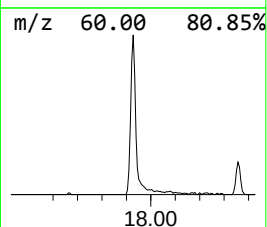
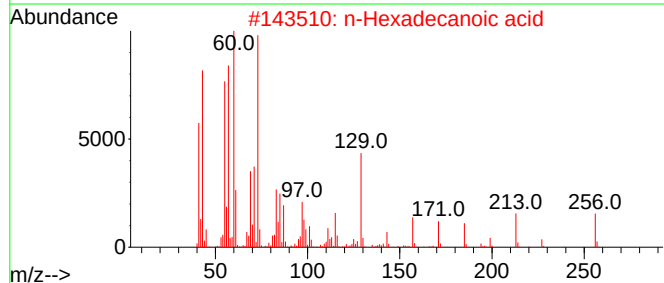
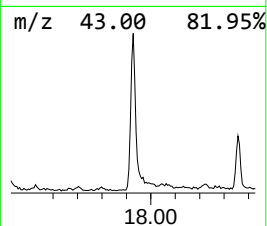
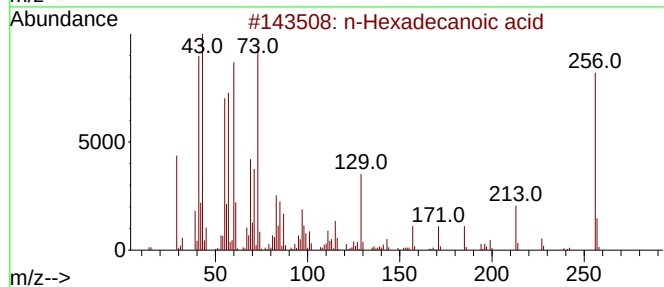
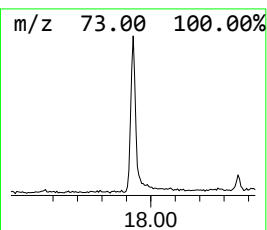
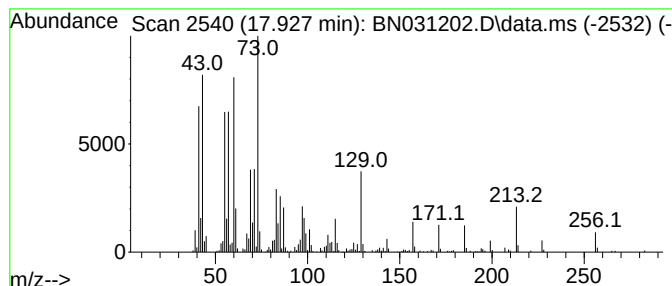
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.927 | 2.59 ng/ul | 489609 | Phenanthrene-d10 | 17.028 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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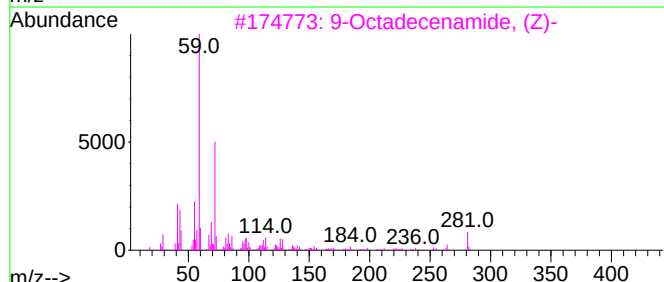
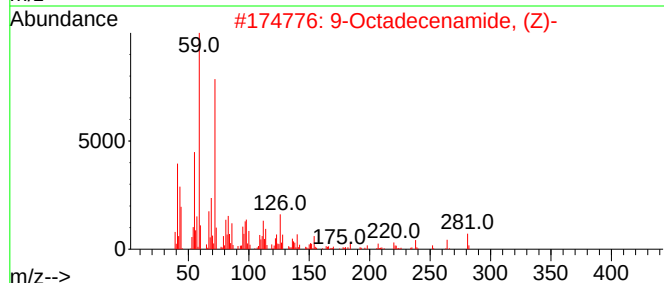
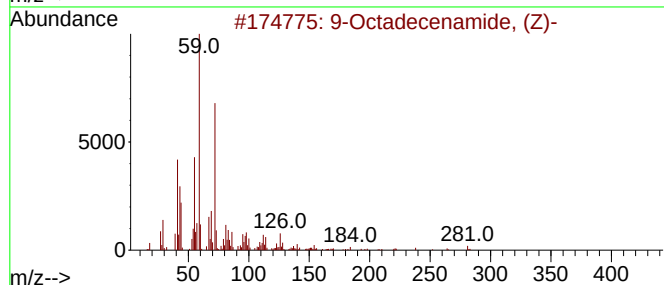
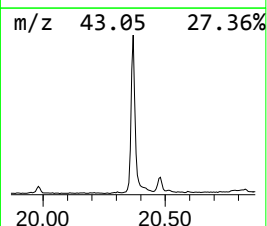
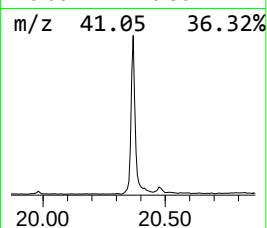
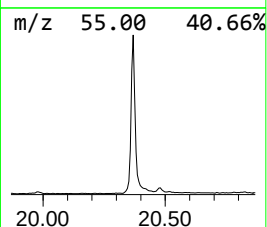
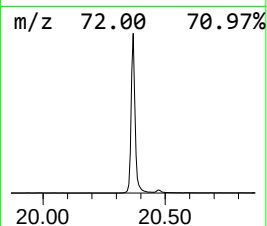
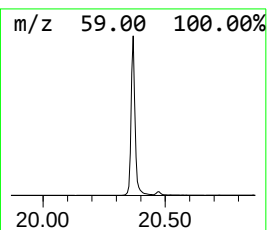
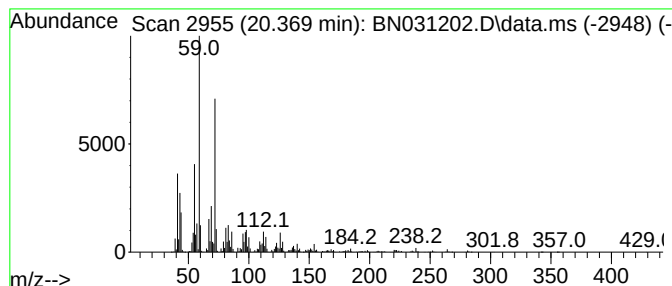
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.369 | 12.11 ng/ul | 2952070 | Chrysene-d12     | 21.263 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 9-Octadecenamide, (Z)- |   |              | 281 | C18H35NO | 000301-02-0 | 98   |
| 2    | 9-Octadecenamide, (Z)- |   |              | 281 | C18H35NO | 000301-02-0 | 94   |
| 3    | 9-Octadecenamide, (Z)- |   |              | 281 | C18H35NO | 000301-02-0 | 83   |
| 4    | 9-Octadecenamide, (Z)- |   |              | 281 | C18H35NO | 000301-02-0 | 81   |
| 5    | Palmitoleamide         |   |              | 253 | C16H31NO | 106010-22-4 | 72   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.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 ... | 17.927 | 2.6     | ng/ul | 489609   | 4                     | 17.028 | 3775920 | 20.0 |
| 9-Octadecenamid... | 20.369 | 12.1    | ng/ul | 2952070  | 5                     | 21.263 | 4873690 | 20.0 |