

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
 Data File : BN029748.D  
 Acq On : 14 Feb 2024 00:52  
 Operator : MA/JU  
 Sample : P1352-08  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FN9

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-BN020724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN029748.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         | 3.322       | 36            | 40          | 47           | rVB      | 50757          | 69808         | 2.39%           | 0.154%        |
| 2         | 3.611       | 87            | 89          | 95           | rBV      | 9728           | 16573         | 0.57%           | 0.036%        |
| 3         | 3.728       | 106           | 109         | 127          | rBV      | 533333         | 889158        | 30.45%          | 1.958%        |
| 4         | 4.058       | 161           | 165         | 168          | rVB      | 19048          | 25491         | 0.87%           | 0.056%        |
| 5         | 4.281       | 199           | 203         | 208          | rBV3     | 24442          | 32870         | 1.13%           | 0.072%        |
| 6         | 4.693       | 269           | 273         | 278          | rBV4     | 11879          | 16076         | 0.55%           | 0.035%        |
| 7         | 5.246       | 363           | 367         | 375          | rBV7     | 5668           | 11110         | 0.38%           | 0.024%        |
| 8         | 5.369       | 386           | 388         | 393          | rVB2     | 6712           | 10072         | 0.34%           | 0.022%        |
| 9         | 5.511       | 406           | 412         | 419          | rBV2     | 20179          | 43124         | 1.48%           | 0.095%        |
| 10        | 5.875       | 470           | 474         | 480          | rBV3     | 12219          | 20775         | 0.71%           | 0.046%        |
| 11        | 6.540       | 582           | 587         | 592          | rVB2     | 16807          | 26923         | 0.92%           | 0.059%        |
| 12        | 6.863       | 633           | 642         | 647          | rBV9     | 9691           | 22338         | 0.77%           | 0.049%        |
| 13        | 7.040       | 664           | 672         | 682          | rBV      | 789017         | 1276046       | 43.70%          | 2.810%        |
| 14        | 7.210       | 695           | 701         | 713          | rBV      | 646987         | 1036377       | 35.49%          | 2.282%        |
| 15        | 7.399       | 725           | 733         | 742          | rBV      | 807829         | 1267541       | 43.41%          | 2.791%        |
| 16        | 7.487       | 743           | 748         | 759          | rBV      | 41512          | 79391         | 2.72%           | 0.175%        |
| 17        | 7.869       | 806           | 813         | 821          | rVV      | 904474         | 1400182       | 47.95%          | 3.083%        |
| 18        | 7.928       | 821           | 823         | 829          | rVV6     | 9236           | 14788         | 0.51%           | 0.033%        |
| 19        | 8.275       | 877           | 882         | 890          | rBV5     | 8823           | 20428         | 0.70%           | 0.045%        |
| 20        | 8.581       | 926           | 934         | 943          | rBV      | 911302         | 1445970       | 49.52%          | 3.184%        |
| 21        | 9.034       | 1004          | 1011        | 1020         | rBV      | 745434         | 1243504       | 42.59%          | 2.738%        |
| 22        | 9.199       | 1034          | 1039        | 1044         | rVB8     | 11007          | 18447         | 0.63%           | 0.041%        |
| 23        | 9.434       | 1075          | 1079        | 1087         | rVV8     | 8810           | 18988         | 0.65%           | 0.042%        |
| 24        | 9.752       | 1126          | 1133        | 1147         | rBV      | 560539         | 956439        | 32.76%          | 2.106%        |
| 25        | 9.981       | 1166          | 1172        | 1177         | rVB10    | 10491          | 19486         | 0.67%           | 0.043%        |
| 26        | 10.287      | 1217          | 1224        | 1236         | rBV      | 887367         | 1473534       | 50.46%          | 3.245%        |
| 27        | 10.669      | 1280          | 1289        | 1298         | rBV      | 1134424        | 1929120       | 66.07%          | 4.248%        |
| 28        | 10.816      | 1301          | 1314        | 1333         | rBV      | 716939         | 1329679       | 45.54%          | 2.928%        |
| 29        | 10.975      | 1338          | 1341        | 1349         | rVB7     | 7634           | 15979         | 0.55%           | 0.035%        |
| 30        | 11.093      | 1357          | 1361        | 1368         | rVV8     | 8939           | 20515         | 0.70%           | 0.045%        |
| 31        | 11.693      | 1458          | 1463        | 1466         | rBV4     | 6800           | 12493         | 0.43%           | 0.028%        |
| 32        | 12.093      | 1525          | 1531        | 1537         | rVB6     | 8738           | 17846         | 0.61%           | 0.039%        |
| 33        | 12.175      | 1540          | 1545        | 1552         | rBV7     | 6001           | 11040         | 0.38%           | 0.024%        |
| 34        | 12.257      | 1552          | 1559        | 1564         | rBV2     | 14893          | 25894         | 0.89%           | 0.057%        |
| 35        | 12.869      | 1658          | 1663        | 1668         | rVB8     | 8699           | 13465         | 0.46%           | 0.030%        |
| 36        | 13.340      | 1737          | 1743        | 1748         | rBV      | 14214          | 21024         | 0.72%           | 0.046%        |

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 Sample : P1352-08  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COFN9

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-BN020724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |        |
|----|--------|------|------|------|-------|---------|---------|---------|--------|
| 37 | 13.416 | 1748 | 1756 | 1764 | rBV   | 425033  | 657505  | 22.52%  | 1.448% |
| 38 | 13.745 | 1807 | 1812 | 1819 | rVB3  | 11942   | 20652   | 0.71%   | 0.045% |
| 39 | 13.934 | 1837 | 1844 | 1853 | rBV   | 1454735 | 2040933 | 69.90%  | 4.494% |
| 40 | 14.004 | 1853 | 1856 | 1859 | rVV4  | 9342    | 12142   | 0.42%   | 0.027% |
| 41 | 14.204 | 1879 | 1890 | 1902 | rBV   | 1672826 | 2489423 | 85.26%  | 5.482% |
| 42 | 14.422 | 1923 | 1927 | 1931 | rVV5  | 8226    | 11317   | 0.39%   | 0.025% |
| 43 | 14.510 | 1935 | 1942 | 1951 | rBV   | 1437064 | 2160344 | 73.99%  | 4.757% |
| 44 | 14.587 | 1954 | 1955 | 1965 | rVB8  | 5669    | 13142   | 0.45%   | 0.029% |
| 45 | 14.722 | 1970 | 1978 | 1995 | rBV   | 455031  | 782443  | 26.80%  | 1.723% |
| 46 | 14.939 | 2009 | 2015 | 2021 | rVB10 | 11592   | 23486   | 0.80%   | 0.052% |
| 47 | 15.163 | 2049 | 2053 | 2060 | rVB10 | 5298    | 11919   | 0.41%   | 0.026% |
| 48 | 15.375 | 2083 | 2089 | 2093 | rVB8  | 9081    | 15868   | 0.54%   | 0.035% |
| 49 | 15.510 | 2105 | 2112 | 2121 | rBV   | 2061572 | 2919933 | 100.00% | 6.430% |
| 50 | 15.634 | 2127 | 2133 | 2143 | rBV   | 446446  | 643063  | 22.02%  | 1.416% |
| 51 | 15.751 | 2149 | 2153 | 2166 | rVB3  | 33754   | 70123   | 2.40%   | 0.154% |
| 52 | 16.116 | 2210 | 2215 | 2220 | rVV   | 63396   | 101367  | 3.47%   | 0.223% |
| 53 | 16.534 | 2282 | 2286 | 2291 | rVB   | 14351   | 18879   | 0.65%   | 0.042% |
| 54 | 16.639 | 2300 | 2304 | 2307 | rBV5  | 9458    | 14493   | 0.50%   | 0.032% |
| 55 | 16.769 | 2322 | 2326 | 2332 | rBV5  | 15584   | 20821   | 0.71%   | 0.046% |
| 56 | 17.039 | 2367 | 2372 | 2377 | rBV8  | 8990    | 16496   | 0.56%   | 0.036% |
| 57 | 17.175 | 2387 | 2395 | 2396 | rBV8  | 9276    | 14688   | 0.50%   | 0.032% |
| 58 | 17.263 | 2402 | 2410 | 2417 | rBV   | 1512182 | 2175202 | 74.49%  | 4.790% |
| 59 | 17.322 | 2417 | 2420 | 2421 | rVV2  | 12675   | 14860   | 0.51%   | 0.033% |
| 60 | 17.363 | 2421 | 2427 | 2437 | rVB2  | 1852946 | 2588725 | 88.66%  | 5.701% |
| 61 | 17.557 | 2456 | 2460 | 2466 | rVB6  | 11694   | 16556   | 0.57%   | 0.036% |
| 62 | 17.639 | 2468 | 2474 | 2475 | rBV6  | 8605    | 11804   | 0.40%   | 0.026% |
| 63 | 17.781 | 2494 | 2498 | 2506 | rBV6  | 11884   | 26895   | 0.92%   | 0.059% |
| 64 | 17.857 | 2506 | 2511 | 2516 | rVB8  | 8364    | 15364   | 0.53%   | 0.034% |
| 65 | 17.957 | 2522 | 2528 | 2534 | rVB3  | 40217   | 76559   | 2.62%   | 0.169% |
| 66 | 18.057 | 2537 | 2545 | 2551 | rBV9  | 19366   | 40184   | 1.38%   | 0.088% |
| 67 | 18.116 | 2551 | 2555 | 2559 | rBV4  | 19104   | 28073   | 0.96%   | 0.062% |
| 68 | 18.180 | 2560 | 2566 | 2576 | rBV   | 382975  | 566393  | 19.40%  | 1.247% |
| 69 | 18.475 | 2613 | 2616 | 2617 | rBV2  | 14298   | 14097   | 0.48%   | 0.031% |
| 70 | 18.492 | 2617 | 2619 | 2624 | rVB6  | 15605   | 25976   | 0.89%   | 0.057% |
| 71 | 18.604 | 2634 | 2638 | 2643 | rBV7  | 21213   | 32994   | 1.13%   | 0.073% |
| 72 | 18.651 | 2643 | 2646 | 2653 | rVB8  | 9151    | 16971   | 0.58%   | 0.037% |
| 73 | 18.845 | 2676 | 2679 | 2688 | rVB8  | 9023    | 16515   | 0.57%   | 0.036% |
| 74 | 19.069 | 2714 | 2717 | 2721 | rBV5  | 15671   | 23882   | 0.82%   | 0.053% |
| 75 | 19.104 | 2721 | 2723 | 2725 | rVV3  | 14128   | 13428   | 0.46%   | 0.030% |
| 76 | 19.133 | 2725 | 2728 | 2733 | rVB   | 68792   | 79544   | 2.72%   | 0.175% |

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Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FN9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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-BN020724.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 19.227 | 2737 | 2744 | 2748 | rVB5 | 27382   | 55585   | 1.90%  | 0.122% |
| 78  | 19.310 | 2752 | 2758 | 2761 | rBV2 | 40101   | 75045   | 2.57%  | 0.165% |
| 79  | 19.339 | 2761 | 2763 | 2766 | rVB4 | 16267   | 18794   | 0.64%  | 0.041% |
| 80  | 19.463 | 2779 | 2784 | 2792 | rBV  | 148838  | 210928  | 7.22%  | 0.464% |
| 81  | 19.610 | 2806 | 2809 | 2812 | rBV5 | 10073   | 9971    | 0.34%  | 0.022% |
| 82  | 19.663 | 2812 | 2818 | 2827 | rBV2 | 2132607 | 2915036 | 99.83% | 6.419% |
| 83  | 19.933 | 2860 | 2864 | 2867 | rBV5 | 15788   | 18991   | 0.65%  | 0.042% |
| 84  | 20.204 | 2906 | 2910 | 2912 | rBV3 | 21313   | 27358   | 0.94%  | 0.060% |
| 85  | 20.233 | 2912 | 2915 | 2920 | rVB4 | 36808   | 47999   | 1.64%  | 0.106% |
| 86  | 20.545 | 2965 | 2968 | 2973 | rBV6 | 20749   | 31541   | 1.08%  | 0.069% |
| 87  | 20.669 | 2986 | 2989 | 2994 | rVB6 | 16689   | 21987   | 0.75%  | 0.048% |
| 88  | 20.733 | 2998 | 3000 | 3004 | rVB  | 32595   | 35173   | 1.20%  | 0.077% |
| 89  | 20.857 | 3017 | 3021 | 3025 | rBV3 | 90177   | 125958  | 4.31%  | 0.277% |
| 90  | 21.192 | 3074 | 3078 | 3088 | rBV  | 386507  | 548881  | 18.80% | 1.209% |
| 91  | 21.463 | 3119 | 3124 | 3129 | rBV  | 1465744 | 1856871 | 63.59% | 4.089% |
| 92  | 21.645 | 3152 | 3155 | 3160 | rVB  | 56110   | 63712   | 2.18%  | 0.140% |
| 93  | 22.110 | 3230 | 3234 | 3246 | rBV4 | 85875   | 203072  | 6.95%  | 0.447% |
| 94  | 23.163 | 3408 | 3413 | 3416 | rBV  | 170817  | 258268  | 8.84%  | 0.569% |
| 95  | 23.204 | 3417 | 3420 | 3426 | rVB5 | 98590   | 156315  | 5.35%  | 0.344% |
| 96  | 23.680 | 3494 | 3501 | 3511 | rBV2 | 1349142 | 2600522 | 89.06% | 5.727% |
| 97  | 23.833 | 3521 | 3527 | 3541 | rVB  | 990136  | 2029812 | 69.52% | 4.470% |
| 98  | 24.515 | 3637 | 3643 | 3650 | rVB2 | 158528  | 342468  | 11.73% | 0.754% |
| 99  | 24.598 | 3652 | 3657 | 3666 | rVB4 | 122881  | 286500  | 9.81%  | 0.631% |
| 100 | 27.227 | 4097 | 4104 | 4118 | rVB5 | 244458  | 774759  | 26.53% | 1.706% |

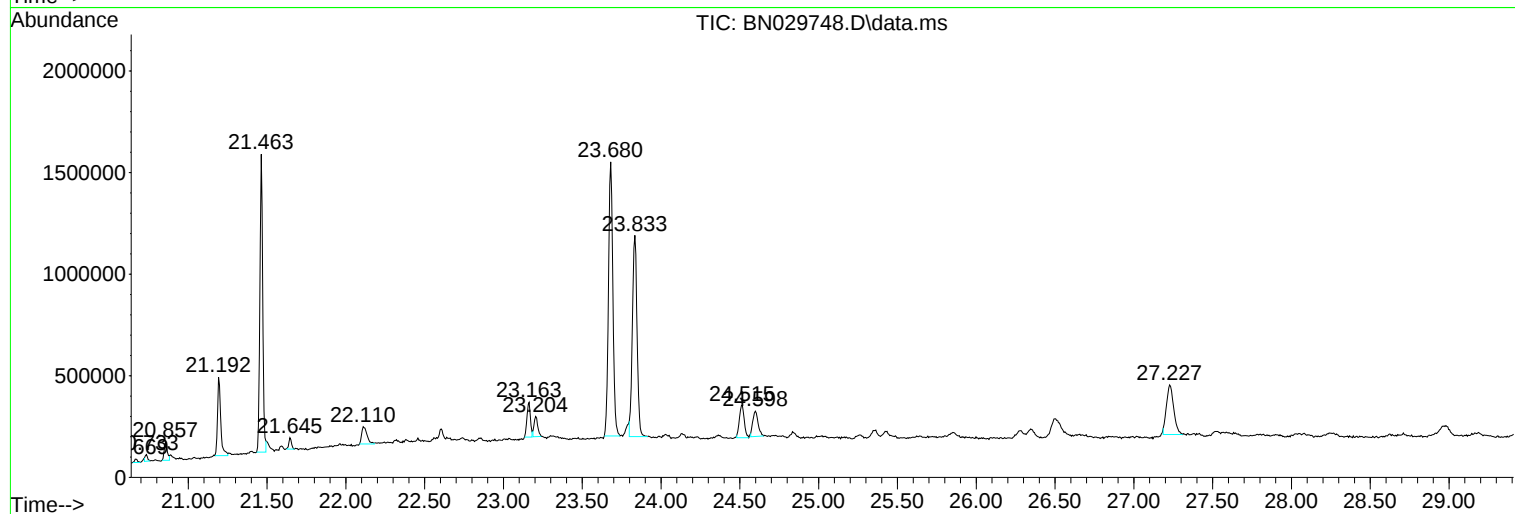
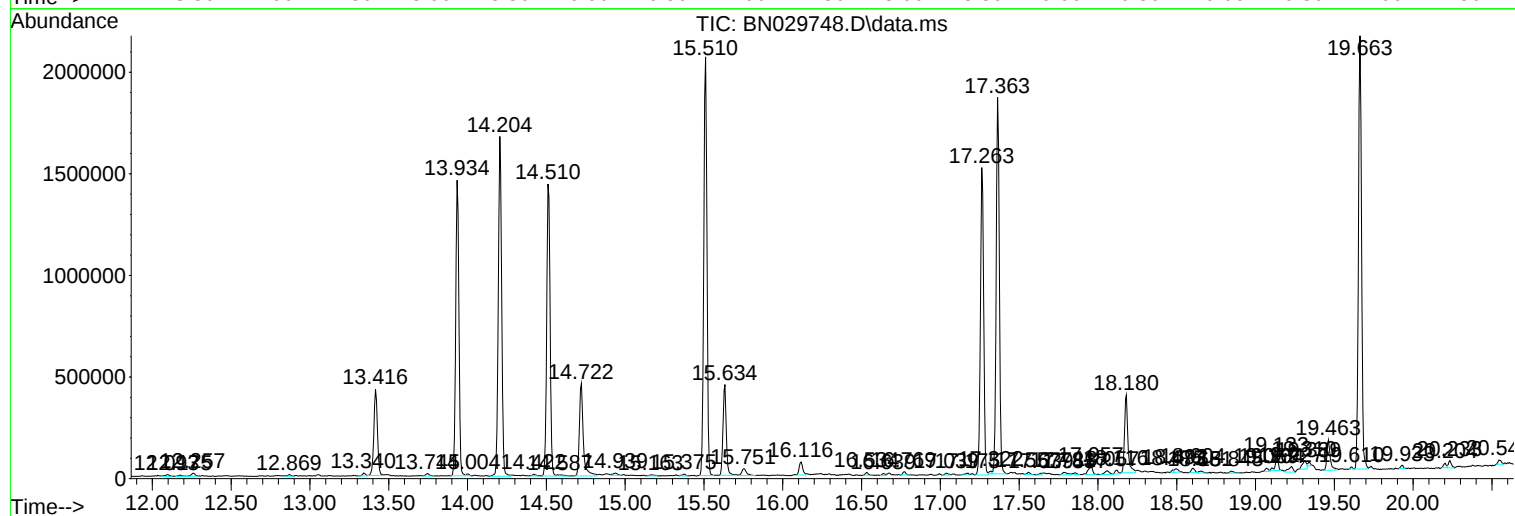
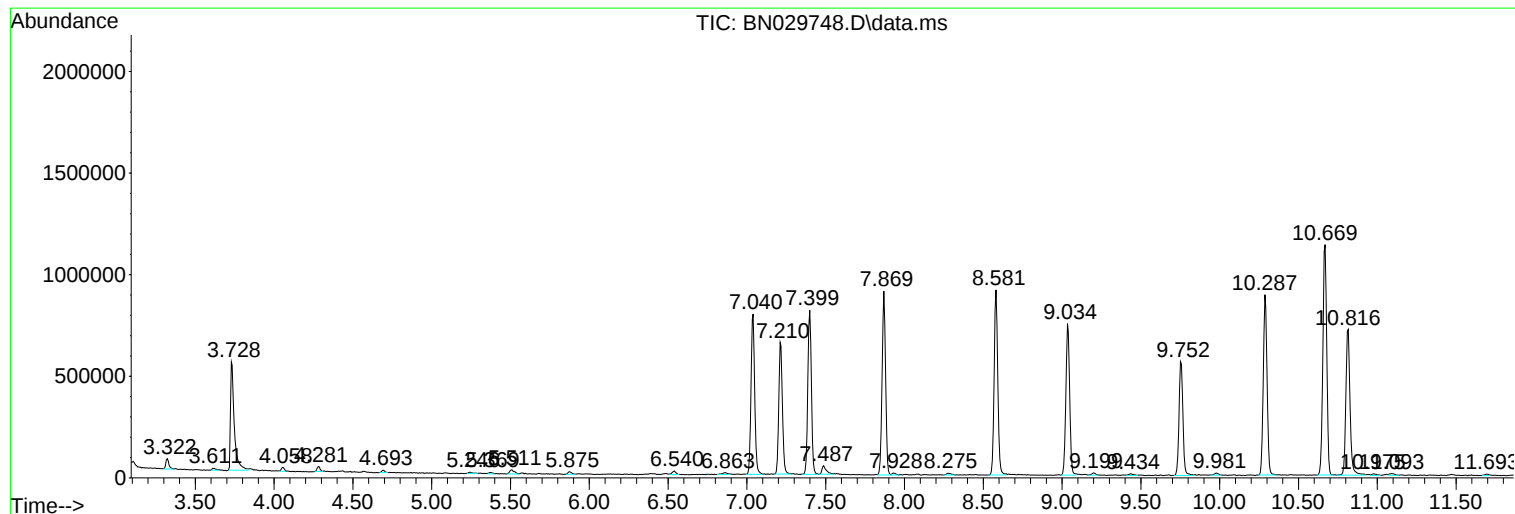
Sum of corrected areas: 45411099

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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
Quant Title : SVOA CALIBRATION

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



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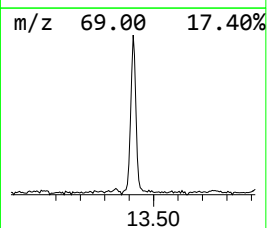
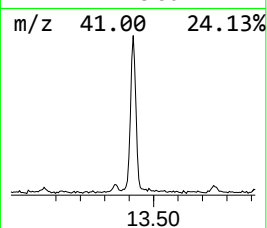
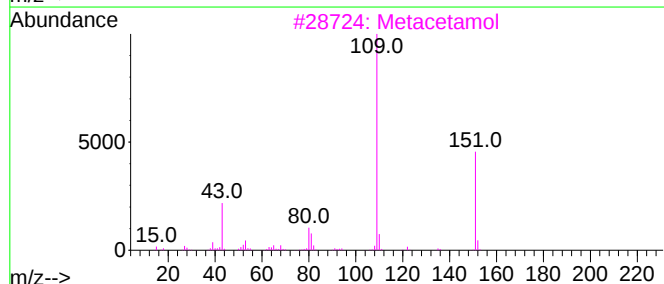
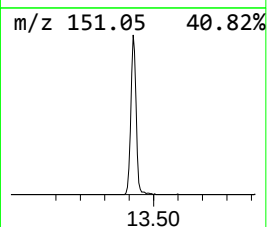
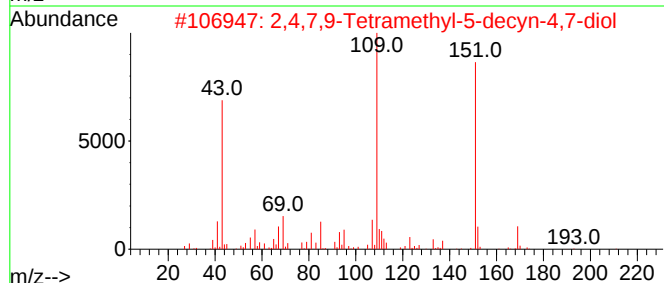
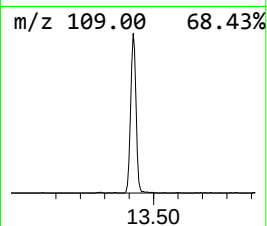
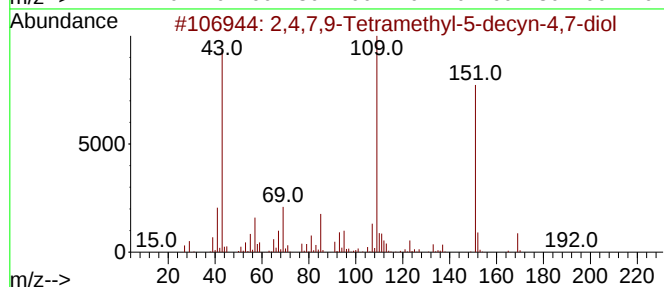
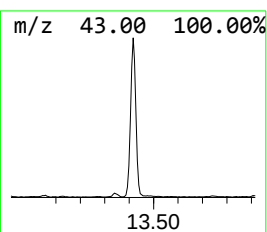
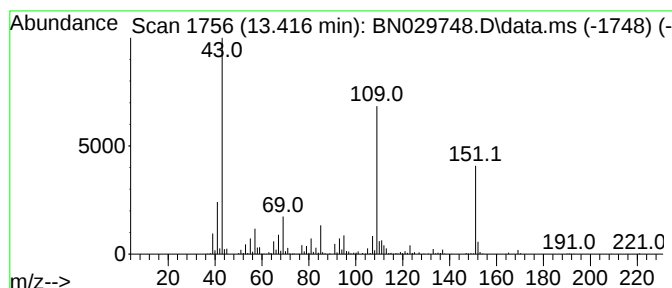
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.416    | 6.09 ng/ul                          | 657505 | Acenaphthene-d10 | 14.510      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226    | C14H26O2         | 000126-86-3 | 90   |
| 2         | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226    | C14H26O2         | 000126-86-3 | 83   |
| 3         | Metacetamol                         | 151    | C8H9NO2          | 000621-42-1 | 58   |
| 4         | Acetaminophen                       | 151    | C8H9NO2          | 000103-90-2 | 58   |
| 5         | Pyridine, 2-butyl-, 1-oxide         | 151    | C9H13NO          | 031396-32-4 | 53   |



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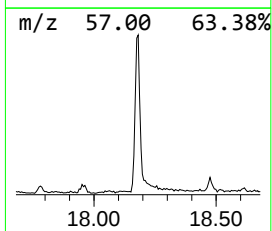
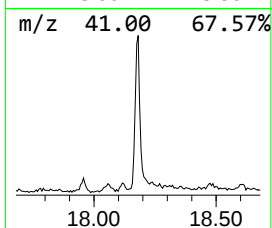
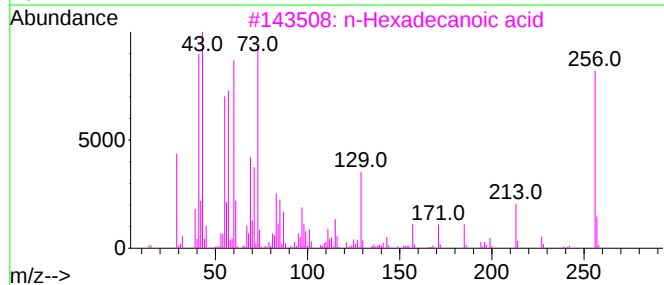
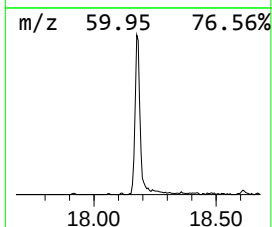
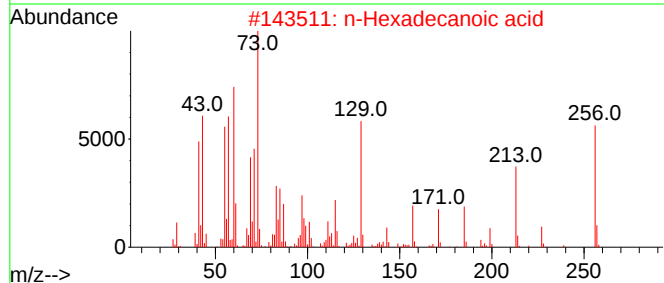
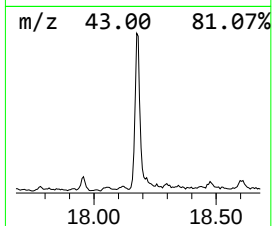
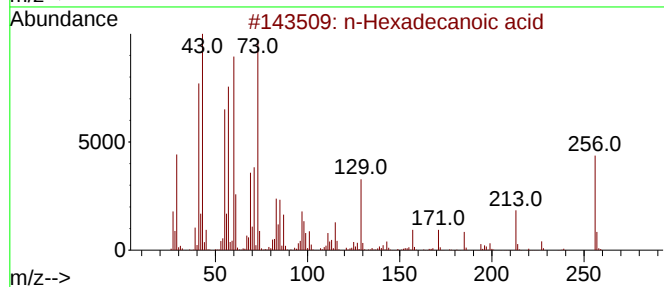
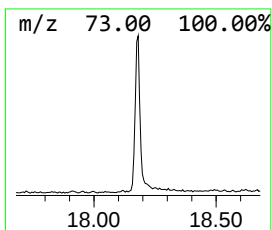
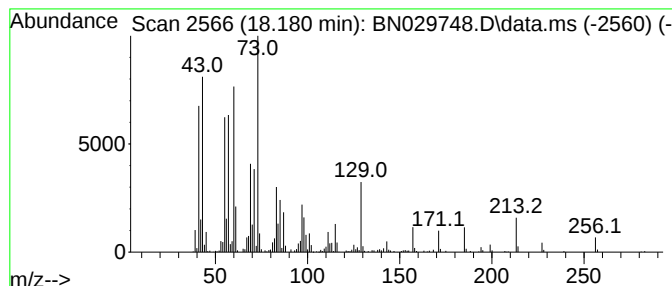
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.180 | 5.21 ng/ul | 566393 | Phenanthrene-d10 | 17.263 |

| 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 | 98      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 97      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 90      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FN9

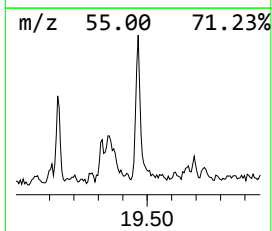
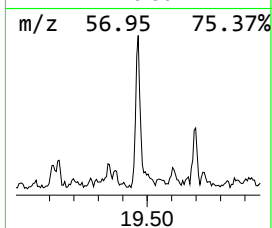
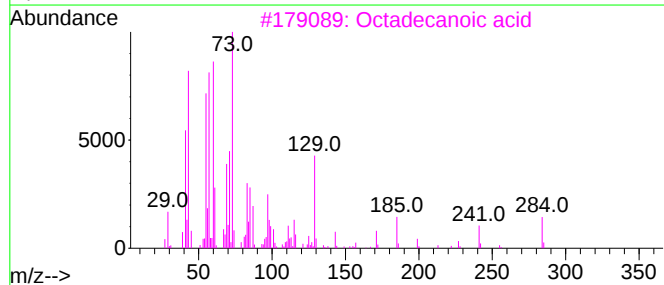
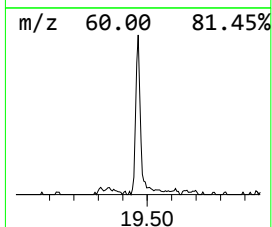
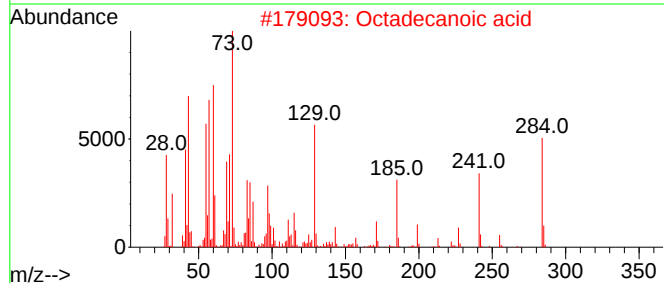
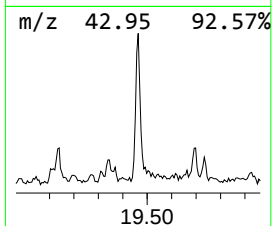
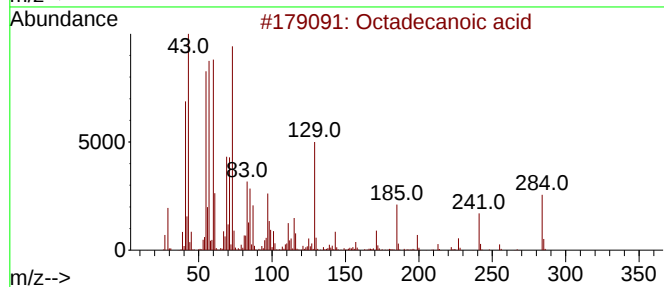
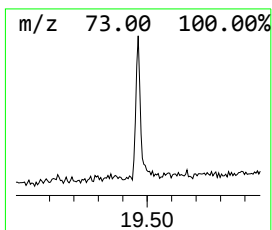
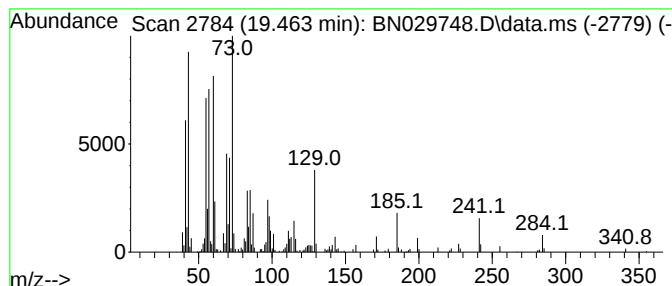
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Octadecanoic acid Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.463 | 2.27 ng/ul | 210928 | Chrysene-d12     | 21.463 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FN9

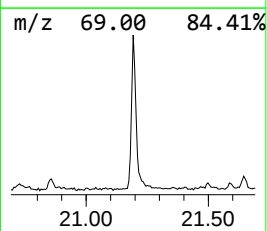
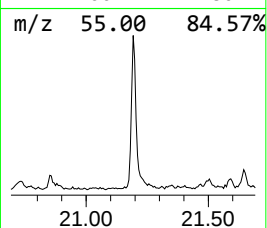
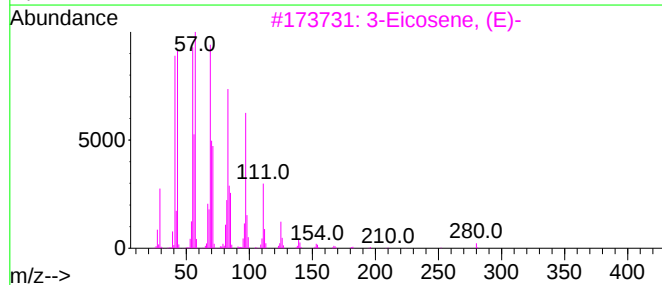
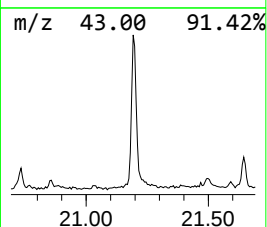
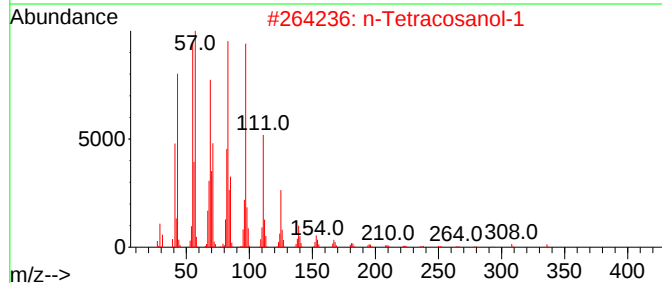
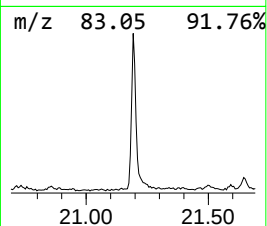
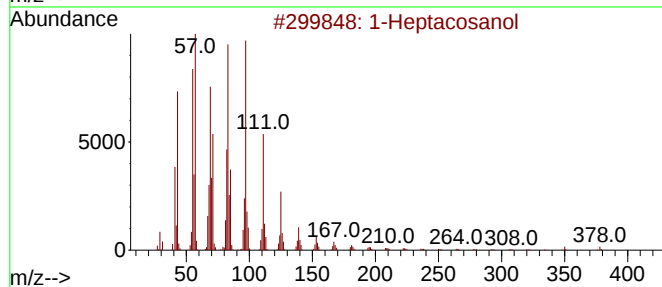
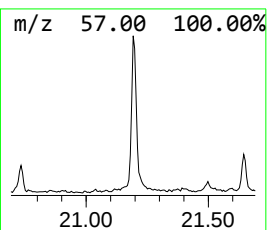
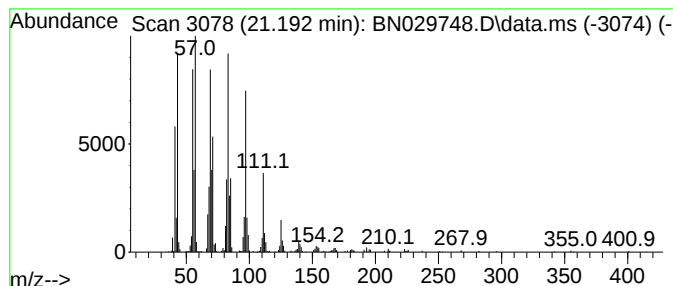
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 1-Heptacosanol Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.192 | 5.91 ng/ul | 548881 | Chrysene-d12     | 21.463 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9 | 94   |
| 2    |    |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4 | 94   |
| 3    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 91   |
| 4    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 5    |    |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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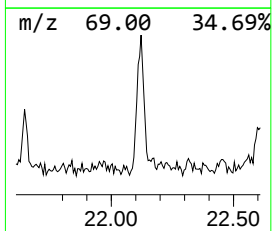
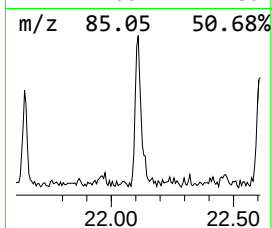
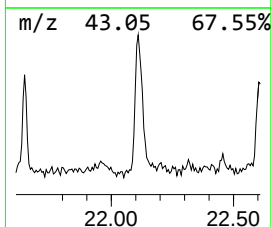
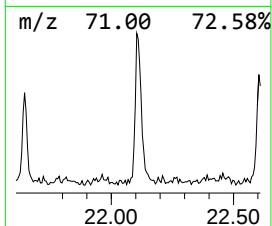
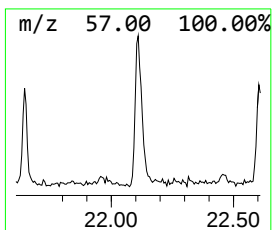
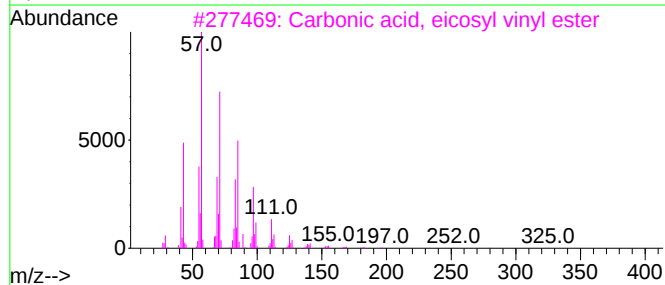
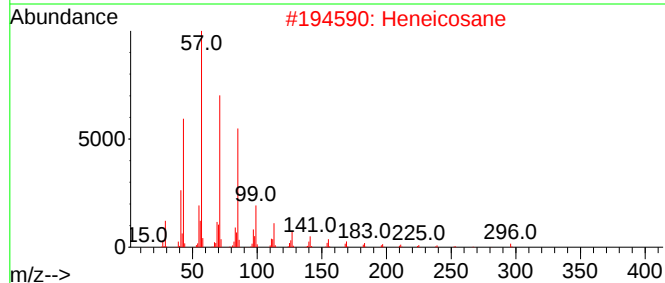
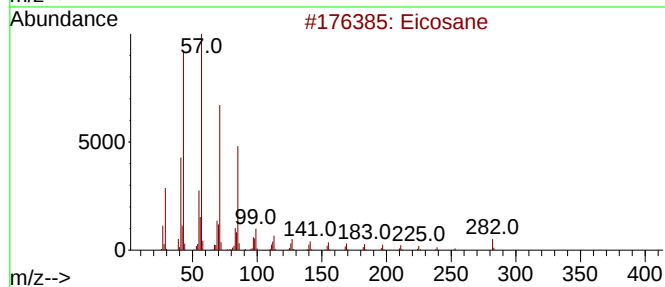
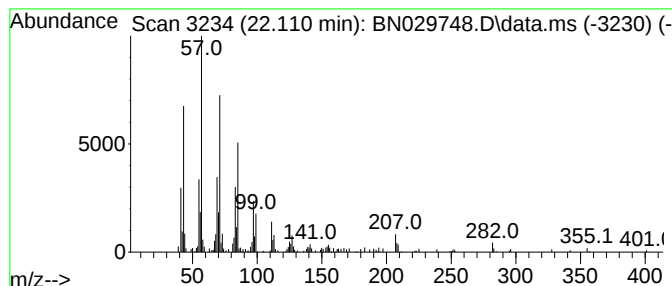
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.110 | 2.19 ng/ul | 203072 | Chrysene-d12     | 21.463 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Eicosane                            | 282 | C20H42    | 000112-95-8  | 96   |
| 2    |    |   | Heneicosane                         | 296 | C21H44    | 000629-94-7  | 95   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3  | 1000382-54-3 | 91   |
| 4    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3  | 1000383-11-5 | 91   |
| 5    |    |   | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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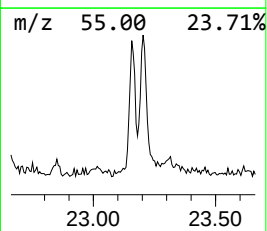
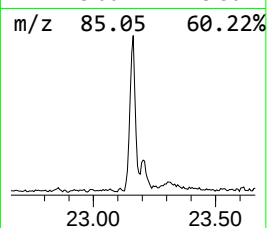
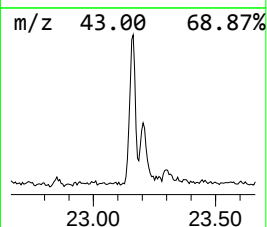
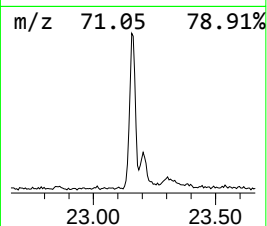
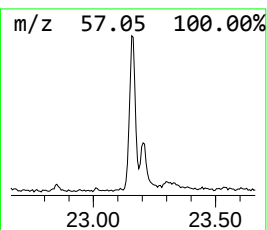
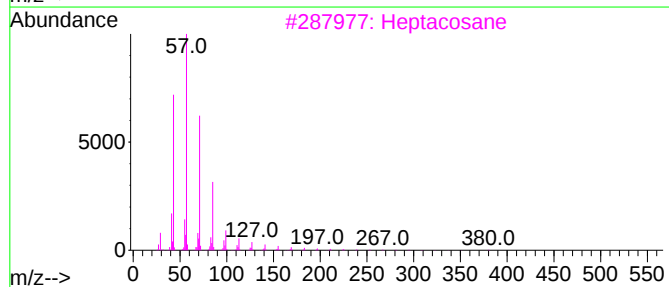
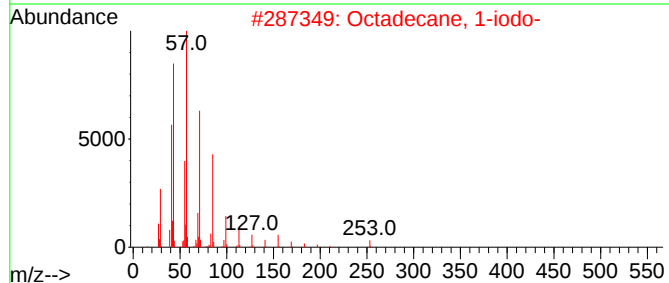
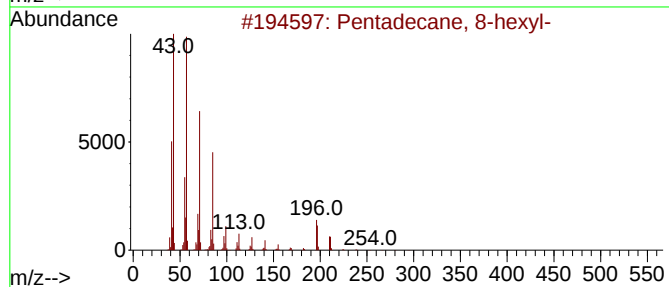
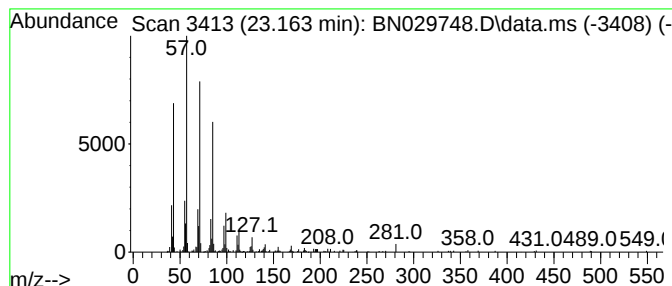
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.163 | 2.54 ng/ul | 258268 | Perylene-d12     | 23.833 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Pentadecane, 8-hexyl-               | 296 | C21H44    | 013475-75-7  | 90   |
| 2    |      | Octadecane, 1-iodo-                 | 380 | C18H37I   | 000629-93-6  | 87   |
| 3    |      | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 86   |
| 4    |      | Tridecane                           | 184 | C13H28    | 000629-50-5  | 83   |
| 5    |      | 2-Thiopheneacetic acid, 4-tetrad... | 338 | C20H34O2S | 1010280-67-0 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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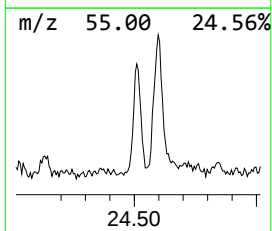
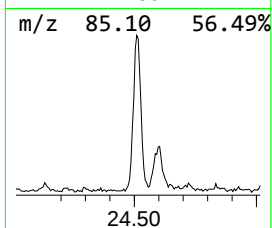
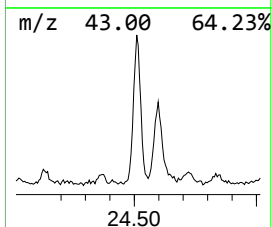
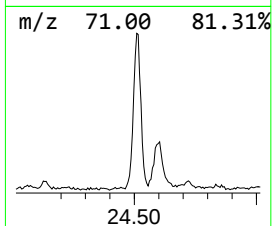
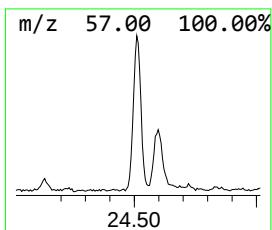
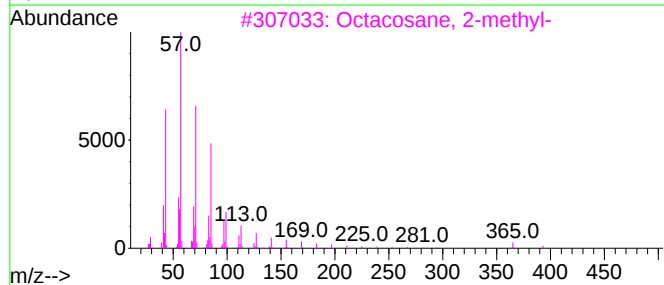
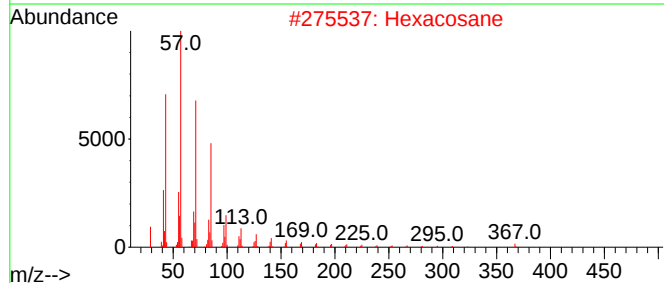
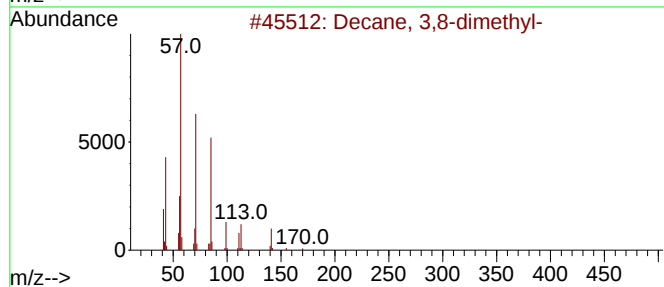
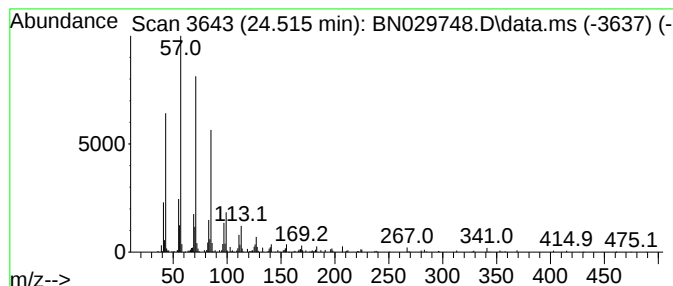
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.515 | 3.37 ng/ul | 342468 | Perylene-d12     | 23.833 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 3,8-dimethyl-               | 170 | C12H26  | 017312-55-9 | 93   |
| 2    |      | Hexacosane                          | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |      | Octacosane, 2-methyl-               | 408 | C29H60  | 001560-98-1 | 91   |
| 4    |      | Heptadecane, 9-octyl-               | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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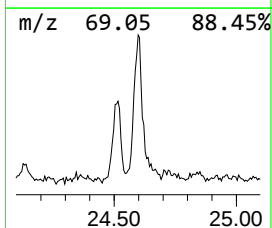
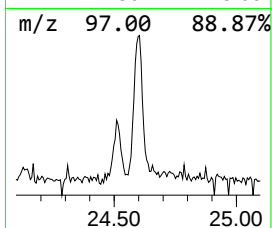
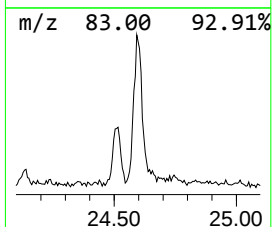
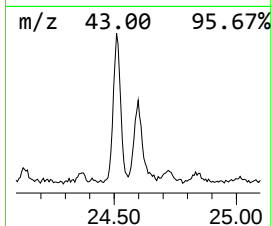
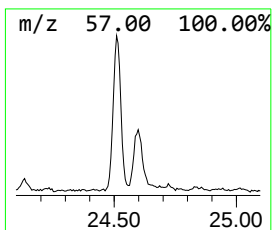
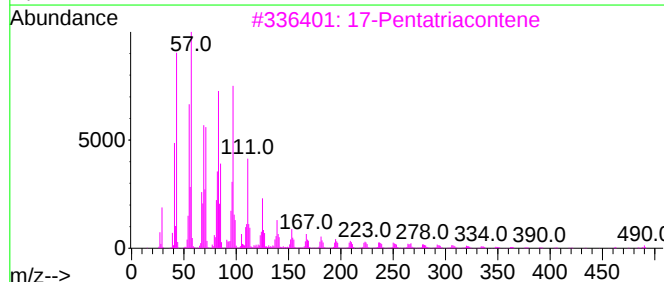
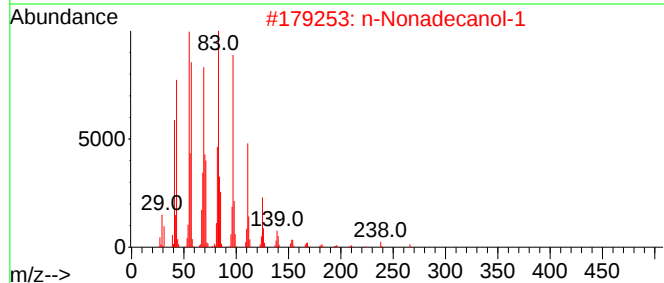
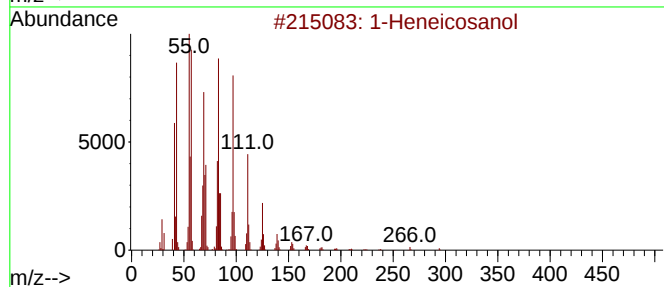
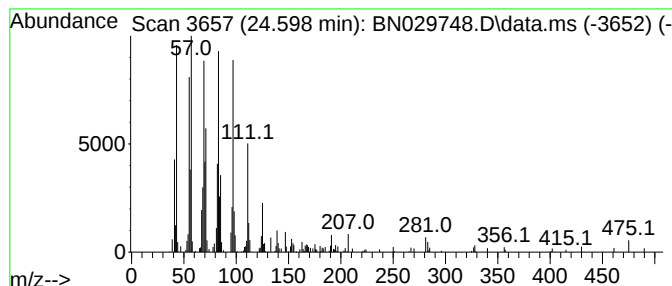
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 1-Heneicosanol Concentration Rank 6

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 24.598    | 2.82 ng/ul          | 286500 | Perylene-d12     | 23.833      |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol      | 312    | C21H44O          | 015594-90-8 | 95   |
| 2         | n-Nonadecanol-1     | 284    | C19H40O          | 001454-84-8 | 95   |
| 3         | 17-Pentatriacontene | 491    | C35H70           | 006971-40-0 | 94   |
| 4         | n-Tetracosanol-1    | 354    | C24H50O          | 000506-51-4 | 94   |
| 5         | Behenic alcohol     | 326    | C22H46O          | 000661-19-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FN9

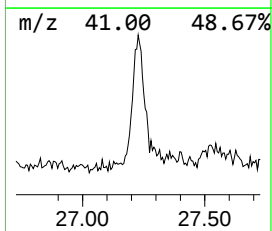
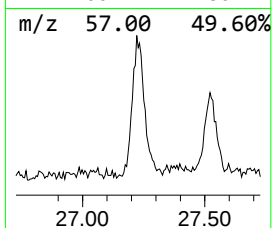
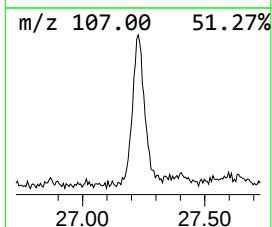
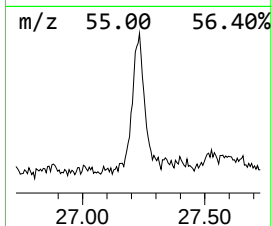
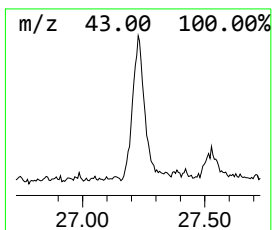
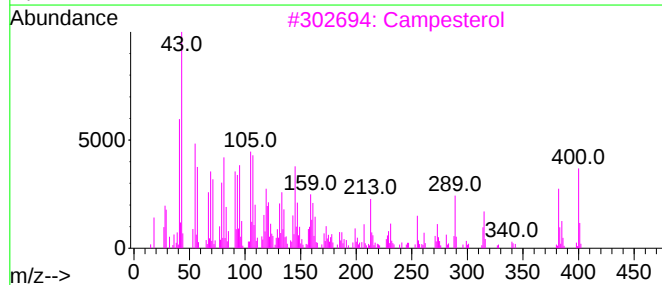
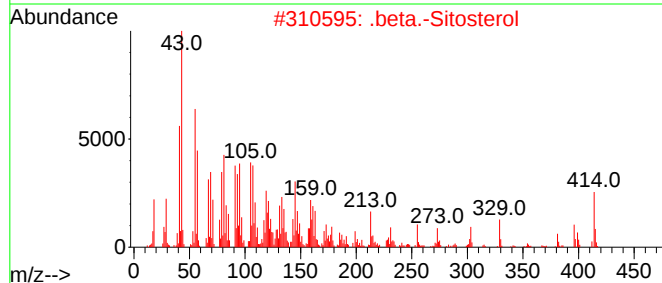
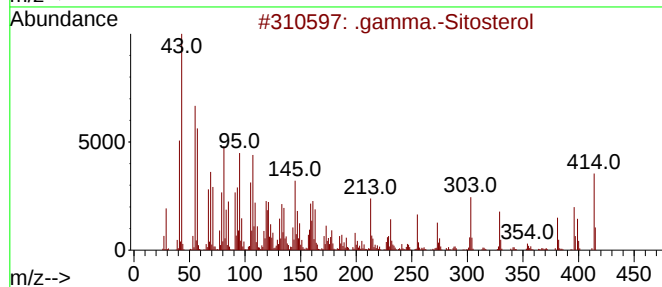
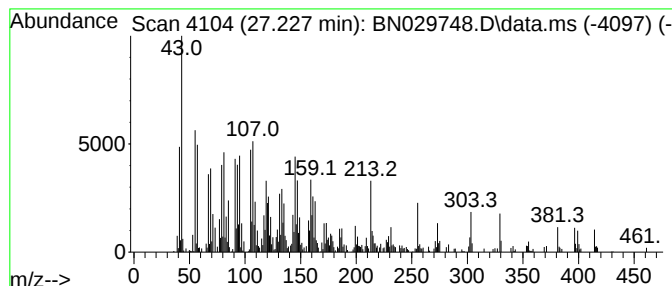
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 .gamma.-Sitosterol Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 27.227 | 7.63 ng/ul | 774759 | Perylene-d12     | 23.833 |

| Hit# | of          | 5                 | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-------------|-------------------|--------------|-------------|-------------|------|------|
| 1    | .           | gamma.-Sitosterol | 414          | C29H50O     | 000083-47-6 | 98   |      |
| 2    | .           | beta.-Sitosterol  | 414          | C29H50O     | 000083-46-5 | 90   |      |
| 3    | Campesterol | 400               | C28H48O      | 000474-62-4 | 64          |      |      |
| 4    | .           | beta.-Sitosterol  | 414          | C29H50O     | 000083-46-5 | 60   |      |
| 5    | .           | gamma.-Sitosterol | 414          | C29H50O     | 000083-47-6 | 53   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
Data File : BN029748.D  
Acq On : 14 Feb 2024 00:52  
Operator : MA/JU  
Sample : P1352-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0FN9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2,4,7,9-Tetrame... | 13.416 | 6.1     | ng/ul | 657505   | 3                     | 14.510 | 2160340 | 20.0 |
| n-Hexadecanoic ... | 18.180 | 5.2     | ng/ul | 566393   | 4                     | 17.263 | 2175200 | 20.0 |
| Octadecanoic acid  | 19.463 | 2.3     | ng/ul | 210928   | 5                     | 21.463 | 1856870 | 20.0 |
| 1-Heptacosanol     | 21.192 | 5.9     | ng/ul | 548881   | 5                     | 21.463 | 1856870 | 20.0 |
| (DEL) Alkane: S... | 22.110 | 2.2     | ng/ul | 203072   | 5                     | 21.463 | 1856870 | 20.0 |
| (DEL) Alkane: S... | 23.163 | 2.5     | ng/ul | 258268   | 6                     | 23.833 | 2029810 | 20.0 |
| (DEL) Alkane: S... | 24.515 | 3.4     | ng/ul | 342468   | 6                     | 23.833 | 2029810 | 20.0 |
| 1-Heneicosanol     | 24.598 | 2.8     | ng/ul | 286500   | 6                     | 23.833 | 2029810 | 20.0 |
| .gamma.-Sitosterol | 27.227 | 7.6     | ng/ul | 774759   | 6                     | 23.833 | 2029810 | 20.0 |