

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\  
 Data File : BN009859.D  
 Acq On : 22 Feb 2020 23:08  
 Operator : CG/JU  
 Sample : L1516-21  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBD79

## 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\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.034       | 5             | 8           | 17           | rVB      | 37070          | 51149         | 1.66%           | 0.132%        |
| 2         | 3.140       | 24            | 26          | 28           | rBV3     | 3777           | 3155          | 0.10%           | 0.008%        |
| 3         | 3.717       | 122           | 124         | 127          | rVB4     | 6234           | 5458          | 0.18%           | 0.014%        |
| 4         | 3.811       | 137           | 140         | 144          | rBV4     | 2379           | 4475          | 0.14%           | 0.012%        |
| 5         | 3.940       | 158           | 162         | 166          | rVB6     | 6175           | 10983         | 0.36%           | 0.028%        |
| 6         | 4.434       | 244           | 246         | 252          | rVB5     | 2509           | 3999          | 0.13%           | 0.010%        |
| 7         | 4.517       | 258           | 260         | 264          | rBV5     | 2236           | 3333          | 0.11%           | 0.009%        |
| 8         | 4.599       | 270           | 274         | 279          | rVB5     | 6916           | 9615          | 0.31%           | 0.025%        |
| 9         | 4.640       | 279           | 281         | 286          | rBV6     | 2404           | 3863          | 0.13%           | 0.010%        |
| 10        | 4.952       | 331           | 334         | 338          | rBV5     | 2421           | 3605          | 0.12%           | 0.009%        |
| 11        | 5.293       | 389           | 392         | 396          | rBV4     | 1846           | 3191          | 0.10%           | 0.008%        |
| 12        | 5.434       | 412           | 416         | 417          | rBV4     | 2128           | 3224          | 0.10%           | 0.008%        |
| 13        | 6.593       | 605           | 613         | 625          | rBV      | 670241         | 1143396       | 37.04%          | 2.955%        |
| 14        | 6.746       | 633           | 639         | 652          | rBV      | 485197         | 787698        | 25.52%          | 2.036%        |
| 15        | 6.928       | 664           | 670         | 683          | rBV      | 674001         | 1091601       | 35.37%          | 2.821%        |
| 16        | 7.387       | 742           | 748         | 758          | rVV      | 527159         | 826535        | 26.78%          | 2.136%        |
| 17        | 7.475       | 760           | 763         | 768          | rVB4     | 12240          | 18979         | 0.61%           | 0.049%        |
| 18        | 8.058       | 857           | 862         | 863          | rBV3     | 2364           | 3343          | 0.11%           | 0.009%        |
| 19        | 8.099       | 863           | 869         | 881          | rVV      | 757562         | 1265011       | 40.98%          | 3.269%        |
| 20        | 8.534       | 936           | 943         | 956          | rBV      | 666113         | 1138839       | 36.90%          | 2.943%        |
| 21        | 8.975       | 1013          | 1018        | 1023         | rVB2     | 13003          | 17970         | 0.58%           | 0.046%        |
| 22        | 9.240       | 1057          | 1063        | 1081         | rBV      | 555426         | 948534        | 30.73%          | 2.451%        |
| 23        | 9.775       | 1148          | 1154        | 1176         | rVV      | 713417         | 1303239       | 42.22%          | 3.368%        |
| 24        | 10.134      | 1208          | 1215        | 1226         | rBV      | 733164         | 1150861       | 37.29%          | 2.974%        |
| 25        | 10.287      | 1235          | 1241        | 1262         | rBV      | 506867         | 1048143       | 33.96%          | 2.709%        |
| 26        | 11.763      | 1485          | 1492        | 1501         | rBV6     | 7212           | 18966         | 0.61%           | 0.049%        |
| 27        | 12.640      | 1637          | 1641        | 1643         | rVB3     | 3416           | 4365          | 0.14%           | 0.011%        |
| 28        | 12.875      | 1676          | 1681        | 1683         | rBV4     | 3617           | 5739          | 0.19%           | 0.015%        |
| 29        | 12.940      | 1686          | 1692        | 1698         | rVB3     | 14242          | 24016         | 0.78%           | 0.062%        |
| 30        | 13.269      | 1743          | 1748        | 1753         | rVB5     | 4998           | 8633          | 0.28%           | 0.022%        |
| 31        | 13.340      | 1755          | 1760        | 1763         | rBV7     | 2223           | 3997          | 0.13%           | 0.010%        |
| 32        | 13.457      | 1773          | 1780        | 1785         | rBV      | 1217496        | 1735186       | 56.22%          | 4.484%        |
| 33        | 13.504      | 1785          | 1788        | 1795         | rVB      | 208898         | 280071        | 9.07%           | 0.724%        |
| 34        | 13.716      | 1817          | 1824        | 1835         | rBV      | 1458205        | 2172049       | 70.37%          | 5.613%        |

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 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\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.963 | 1862 | 1866 | 1871 | rVB3 | 3804    | 5007    | 0.16%  | 0.013% |
| 36 | 14.028 | 1871 | 1877 | 1889 | rBV  | 1043562 | 1477298 | 47.86% | 3.818% |
| 37 | 14.275 | 1913 | 1919 | 1946 | rBV  | 376402  | 795178  | 25.76% | 2.055% |
| 38 | 14.498 | 1955 | 1957 | 1960 | rVB3 | 5918    | 5702    | 0.18%  | 0.015% |
| 39 | 14.657 | 1980 | 1984 | 1989 | rBV6 | 2904    | 4443    | 0.14%  | 0.011% |
| 40 | 14.722 | 1991 | 1995 | 1998 | rVB3 | 2715    | 3303    | 0.11%  | 0.009% |
| 41 | 14.863 | 2016 | 2019 | 2023 | rBV5 | 5148    | 8294    | 0.27%  | 0.021% |
| 42 | 14.928 | 2026 | 2030 | 2034 | rVV3 | 5849    | 8744    | 0.28%  | 0.023% |
| 43 | 15.034 | 2041 | 2048 | 2056 | rBV  | 1917342 | 2645619 | 85.71% | 6.837% |
| 44 | 15.193 | 2069 | 2075 | 2085 | rVV  | 523801  | 843629  | 27.33% | 2.180% |
| 45 | 15.275 | 2086 | 2089 | 2093 | rVB3 | 20451   | 28399   | 0.92%  | 0.073% |
| 46 | 15.375 | 2102 | 2106 | 2111 | rVB6 | 2936    | 5362    | 0.17%  | 0.014% |
| 47 | 15.422 | 2111 | 2114 | 2117 | rBV3 | 3318    | 4290    | 0.14%  | 0.011% |
| 48 | 15.551 | 2132 | 2136 | 2140 | rVB6 | 2384    | 3440    | 0.11%  | 0.009% |
| 49 | 15.792 | 2174 | 2177 | 2180 | rVV4 | 6901    | 9663    | 0.31%  | 0.025% |
| 50 | 15.822 | 2180 | 2182 | 2185 | rVV4 | 6624    | 7817    | 0.25%  | 0.020% |
| 51 | 15.857 | 2185 | 2188 | 2191 | rVB3 | 2263    | 3283    | 0.11%  | 0.008% |
| 52 | 16.151 | 2234 | 2238 | 2241 | rVB3 | 2696    | 3225    | 0.10%  | 0.008% |
| 53 | 16.251 | 2249 | 2255 | 2257 | rBV4 | 2768    | 3543    | 0.11%  | 0.009% |
| 54 | 16.504 | 2295 | 2298 | 2301 | rBV4 | 2161    | 3262    | 0.11%  | 0.008% |
| 55 | 16.581 | 2307 | 2311 | 2314 | rBV4 | 7669    | 9252    | 0.30%  | 0.024% |
| 56 | 16.787 | 2340 | 2346 | 2355 | rBV  | 1248990 | 1707923 | 55.33% | 4.414% |
| 57 | 16.887 | 2357 | 2363 | 2375 | rBV  | 1966059 | 2758890 | 89.38% | 7.130% |
| 58 | 17.010 | 2380 | 2384 | 2386 | rVV5 | 3750    | 5033    | 0.16%  | 0.013% |
| 59 | 17.210 | 2413 | 2418 | 2423 | rBV5 | 11768   | 17347   | 0.56%  | 0.045% |
| 60 | 17.322 | 2433 | 2437 | 2440 | rBV5 | 5228    | 7300    | 0.24%  | 0.019% |
| 61 | 17.398 | 2447 | 2450 | 2452 | rBV3 | 2314    | 3138    | 0.10%  | 0.008% |
| 62 | 17.492 | 2465 | 2466 | 2470 | rVB4 | 4117    | 3521    | 0.11%  | 0.009% |
| 63 | 17.716 | 2499 | 2504 | 2514 | rBV  | 188259  | 288240  | 9.34%  | 0.745% |
| 64 | 17.839 | 2522 | 2525 | 2528 | rVB5 | 5521    | 6444    | 0.21%  | 0.017% |
| 65 | 17.992 | 2548 | 2551 | 2552 | rBV3 | 6181    | 4959    | 0.16%  | 0.013% |
| 66 | 18.063 | 2559 | 2563 | 2564 | rBV4 | 2291    | 3212    | 0.10%  | 0.008% |
| 67 | 18.145 | 2575 | 2577 | 2580 | rBV4 | 4573    | 4908    | 0.16%  | 0.013% |
| 68 | 18.351 | 2611 | 2612 | 2617 | rBV3 | 2011    | 3117    | 0.10%  | 0.008% |
| 69 | 18.528 | 2639 | 2642 | 2645 | rBV4 | 5099    | 5190    | 0.17%  | 0.013% |
| 70 | 18.586 | 2648 | 2652 | 2659 | rVB5 | 16148   | 24846   | 0.80%  | 0.064% |
| 71 | 18.657 | 2659 | 2664 | 2668 | rBV4 | 8434    | 13301   | 0.43%  | 0.034% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 18.804 | 2686 | 2689 | 2690 | rBV3 | 3104    | 3269    | 0.11%   | 0.008% |
| 73 | 18.834 | 2690 | 2694 | 2697 | rVV2 | 14571   | 21661   | 0.70%   | 0.056% |
| 74 | 18.863 | 2697 | 2699 | 2701 | rVV2 | 7080    | 6041    | 0.20%   | 0.016% |
| 75 | 18.886 | 2701 | 2703 | 2706 | rVB3 | 3576    | 4645    | 0.15%   | 0.012% |
| 76 | 18.951 | 2713 | 2714 | 2719 | rVB4 | 5781    | 5459    | 0.18%   | 0.014% |
| 77 | 19.010 | 2719 | 2724 | 2730 | rBV3 | 54081   | 85374   | 2.77%   | 0.221% |
| 78 | 19.081 | 2732 | 2736 | 2740 | rVB  | 14472   | 22448   | 0.73%   | 0.058% |
| 79 | 19.192 | 2749 | 2755 | 2763 | rBV  | 2342058 | 3086600 | 100.00% | 7.977% |
| 80 | 19.281 | 2768 | 2770 | 2774 | rVB4 | 10925   | 11825   | 0.38%   | 0.031% |
| 81 | 19.745 | 2845 | 2849 | 2853 | rBV6 | 16195   | 25251   | 0.82%   | 0.065% |
| 82 | 19.786 | 2853 | 2856 | 2860 | rVB5 | 14073   | 16950   | 0.55%   | 0.044% |
| 83 | 19.886 | 2870 | 2873 | 2874 | rBV3 | 4121    | 4512    | 0.15%   | 0.012% |
| 84 | 20.104 | 2908 | 2910 | 2911 | rBV2 | 8078    | 4911    | 0.16%   | 0.013% |
| 85 | 20.286 | 2939 | 2941 | 2944 | rVB2 | 22961   | 23004   | 0.75%   | 0.059% |
| 86 | 20.704 | 3007 | 3012 | 3015 | rBV3 | 33171   | 53511   | 1.73%   | 0.138% |
| 87 | 20.745 | 3015 | 3019 | 3026 | rVV2 | 588499  | 728130  | 23.59%  | 1.882% |
| 88 | 20.804 | 3026 | 3029 | 3035 | rVB  | 129836  | 173789  | 5.63%   | 0.449% |
| 89 | 21.004 | 3058 | 3063 | 3071 | rBV  | 1420498 | 1826954 | 59.19%  | 4.722% |
| 90 | 21.192 | 3091 | 3095 | 3100 | rBV  | 110206  | 131100  | 4.25%   | 0.339% |
| 91 | 21.610 | 3162 | 3166 | 3175 | rBV  | 170981  | 239604  | 7.76%   | 0.619% |
| 92 | 22.039 | 3235 | 3239 | 3243 | rBV  | 223461  | 267669  | 8.67%   | 0.692% |
| 93 | 22.510 | 3315 | 3319 | 3323 | rVB  | 222452  | 275546  | 8.93%   | 0.712% |
| 94 | 22.974 | 3391 | 3398 | 3403 | rBV  | 1781388 | 2986963 | 96.77%  | 7.719% |
| 95 | 23.027 | 3403 | 3407 | 3413 | rVV  | 237838  | 369483  | 11.97%  | 0.955% |
| 96 | 23.104 | 3414 | 3420 | 3428 | rVB2 | 1031884 | 1808089 | 58.58%  | 4.673% |
| 97 | 23.610 | 3501 | 3506 | 3512 | rVB  | 172628  | 283119  | 9.17%   | 0.732% |
| 98 | 23.680 | 3514 | 3518 | 3526 | rVB5 | 100351  | 175003  | 5.67%   | 0.452% |
| 99 | 24.274 | 3615 | 3619 | 3626 | rVB2 | 123130  | 213760  | 6.93%   | 0.552% |

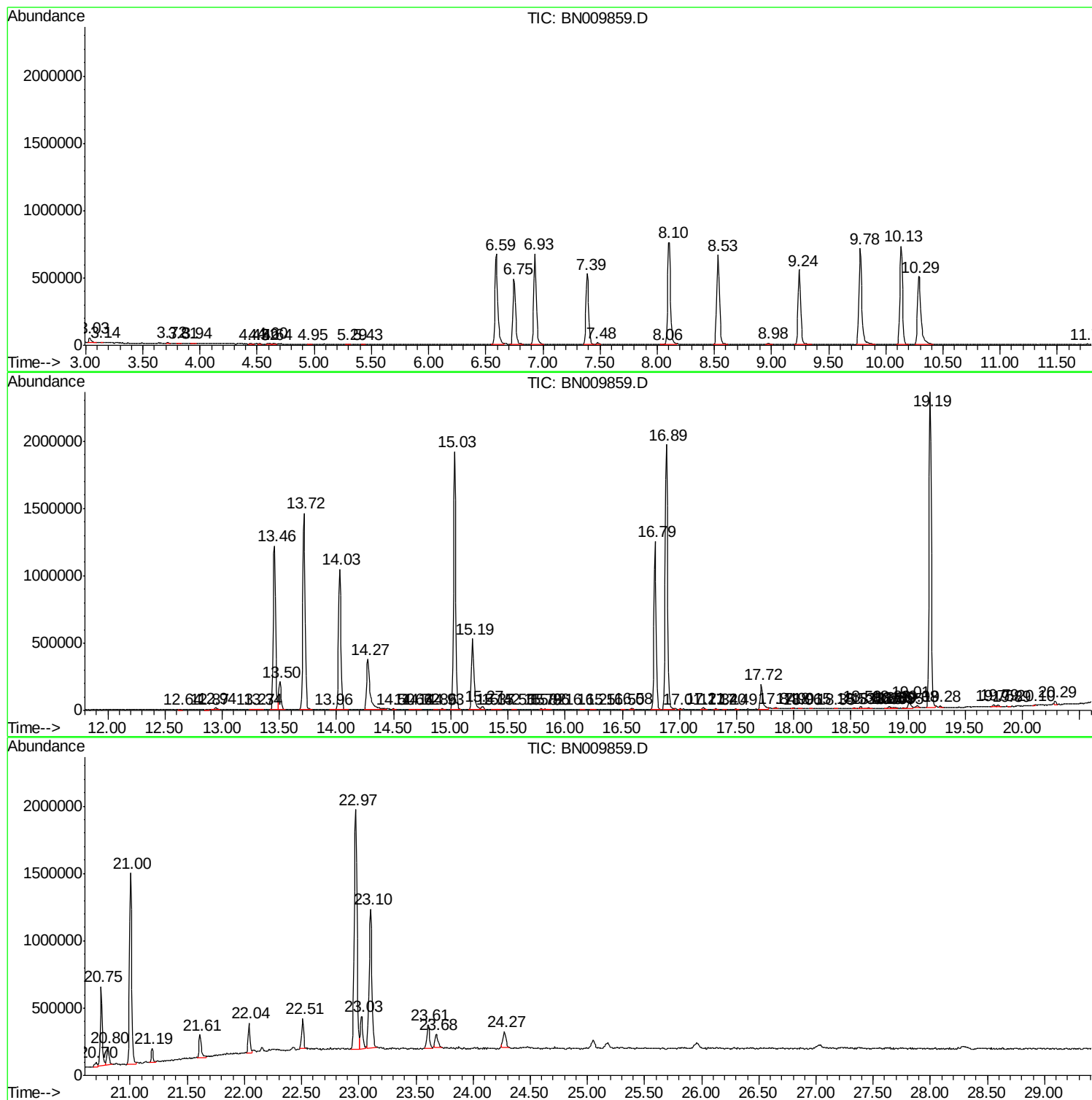
Sum of corrected areas: 38694013

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

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



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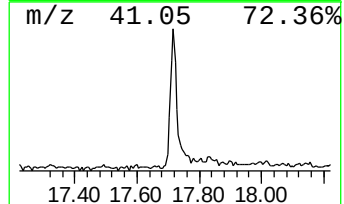
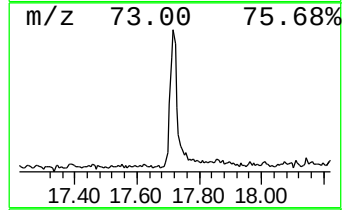
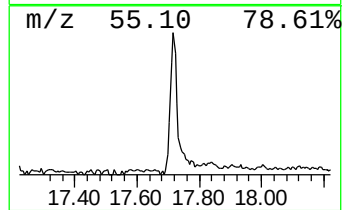
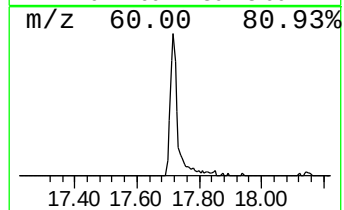
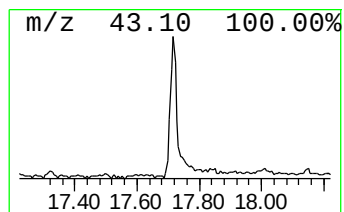
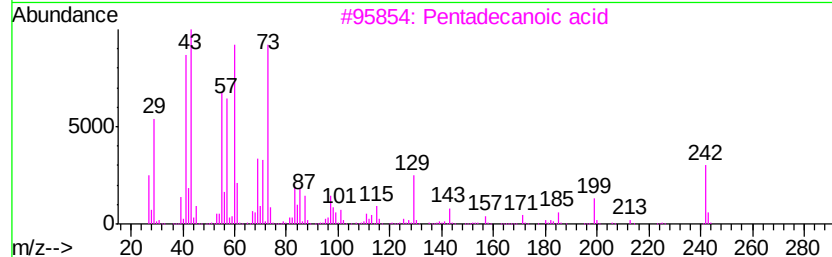
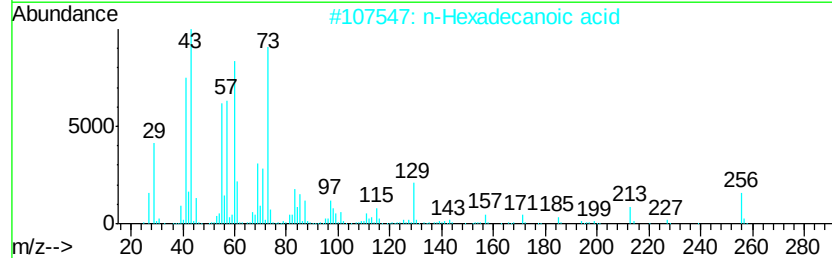
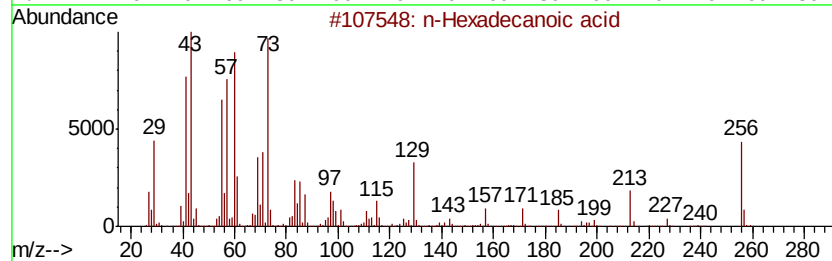
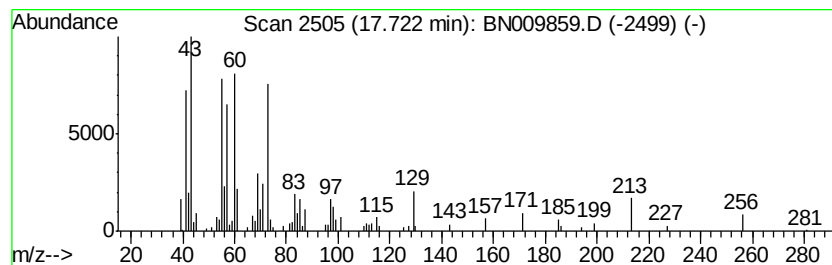
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

| R.T.    | EstConc             | Area         | Relative to ISTD |          | R.T.        |      |
|---------|---------------------|--------------|------------------|----------|-------------|------|
| 17.72   | 3.38 ng/ul          | 288240       | Phenanthrene-d10 |          | 16.79       |      |
| Hit# of | 5                   | Tentative ID | MW               | MolForm  | CAS#        | Qual |
| 1       | n-Hexadecanoic acid |              | 256              | C16H32O2 | 000057-10-3 | 95   |
| 2       | n-Hexadecanoic acid |              | 256              | C16H32O2 | 000057-10-3 | 90   |
| 3       | Pentadecanoic acid  |              | 242              | C15H30O2 | 001002-84-2 | 86   |
| 4       | Undecanoic acid     |              | 186              | C11H22O2 | 000112-37-8 | 80   |
| 5       | Tetradecanoic acid  |              | 228              | C14H28O2 | 000544-63-8 | 78   |



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Quant Title : SVOA CALIBRATION

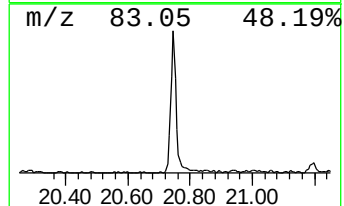
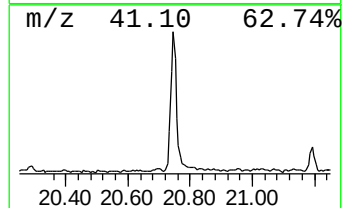
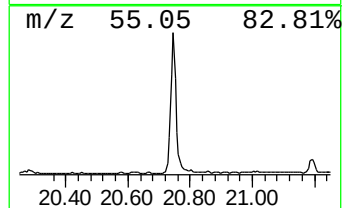
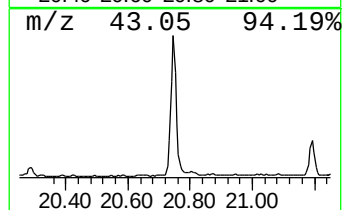
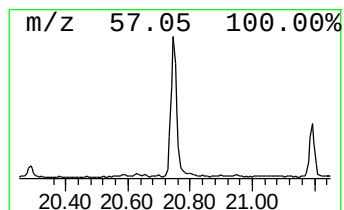
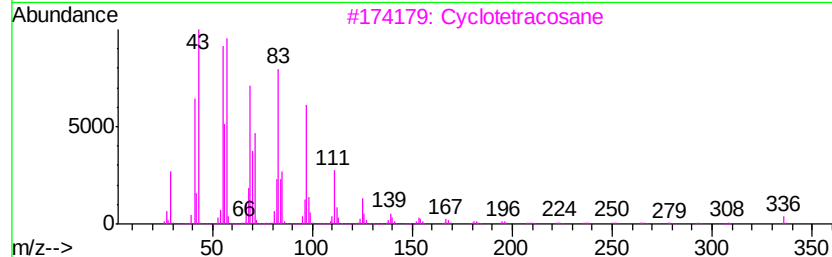
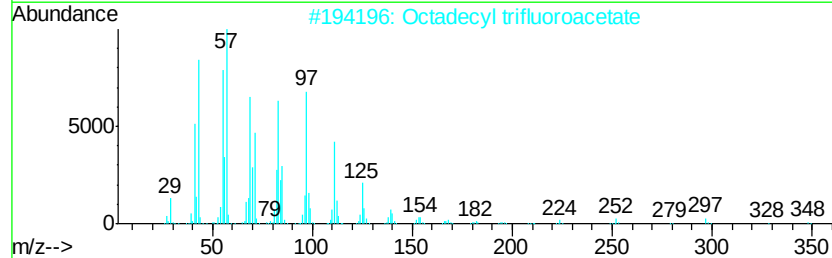
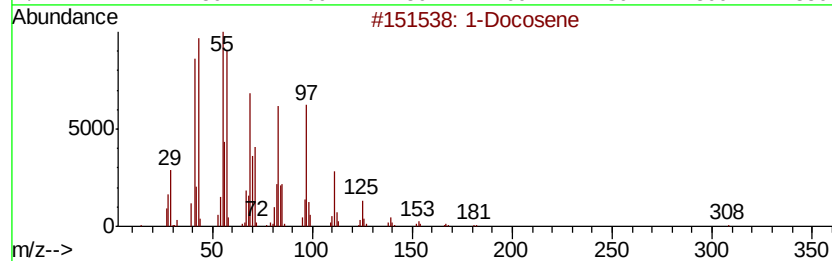
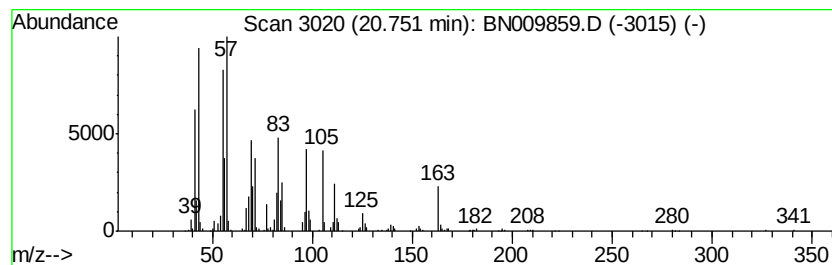
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.75 | 7.97 ng/ul | 728130 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID               | MW  | MolForm    | CAS#        | Qual |
|------|----|----------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Docosene                 | 308 | C22H44     | 001599-67-3 | 87   |
| 2    |    | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 87   |
| 3    |    | Cyclotetracosane           | 336 | C24H48     | 000297-03-0 | 87   |
| 4    |    | 1-Heneicosanol             | 312 | C21H44O    | 015594-90-8 | 87   |
| 5    |    | n-Tetracosanol-1           | 354 | C24H50O    | 000506-51-4 | 87   |



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Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

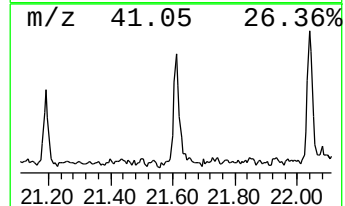
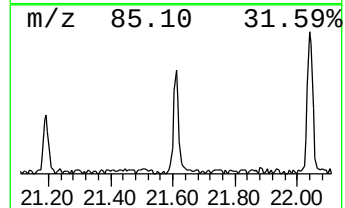
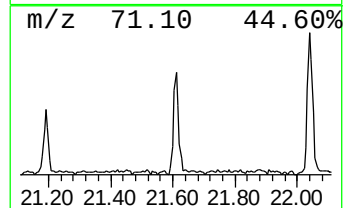
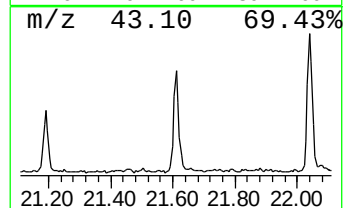
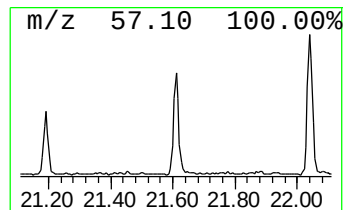
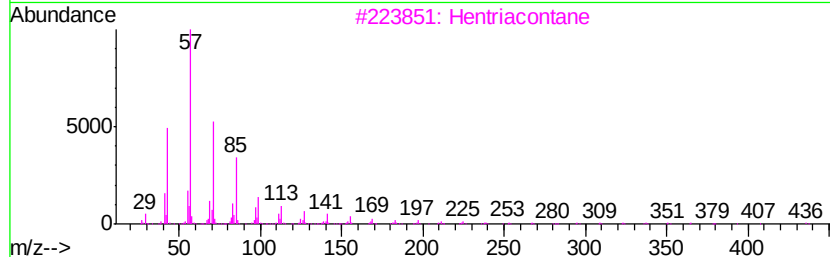
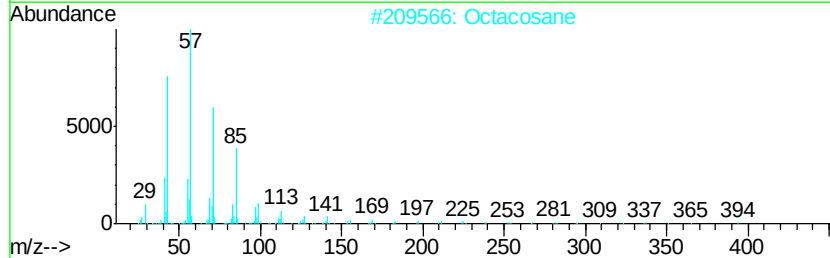
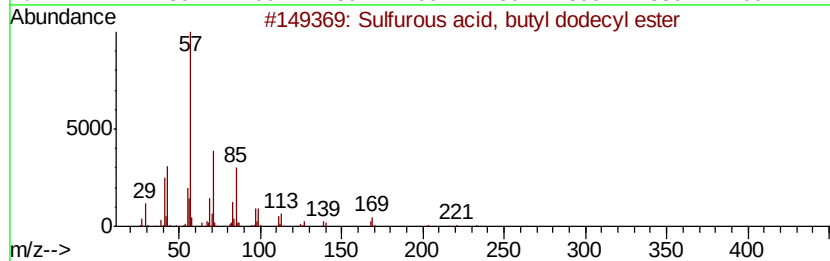
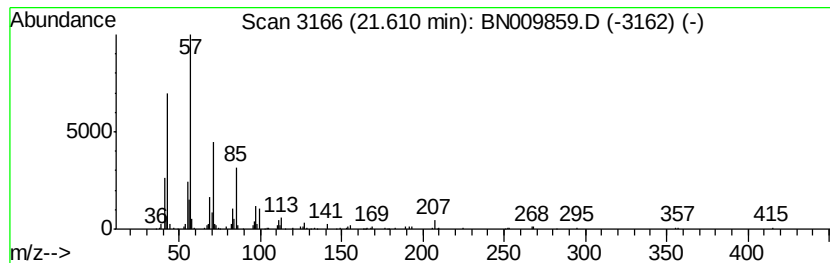
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Sulfurous acid, butyl dodec... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.61 | 2.62 ng/ul | 239604 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 87   |
| 2    |    | Octacosane                          | 394 | C28H58    | 000630-02-4  | 86   |
| 3    |    | Hentriacontane                      | 437 | C31H64    | 000630-04-6  | 86   |
| 4    |    | Heptacosane, 1-chloro-              | 414 | C27H55Cl  | 062016-79-9  | 81   |
| 5    |    | Hentriacontane                      | 437 | C31H64    | 000630-04-6  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

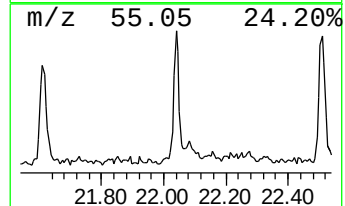
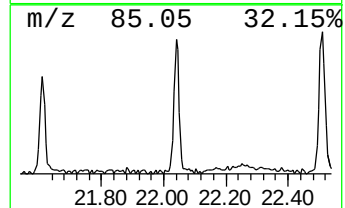
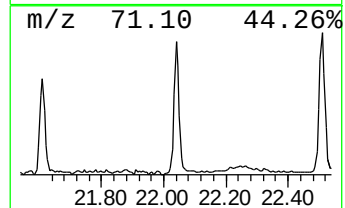
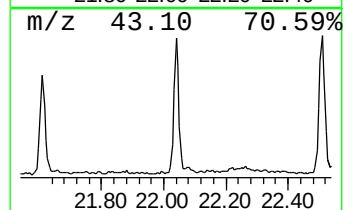
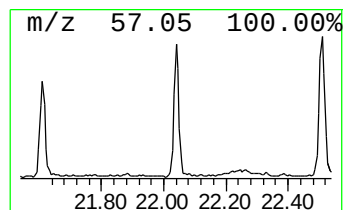
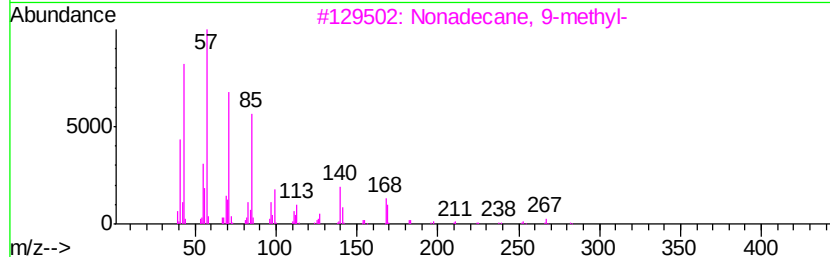
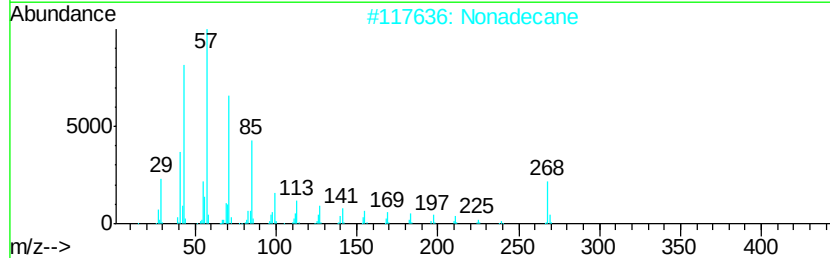
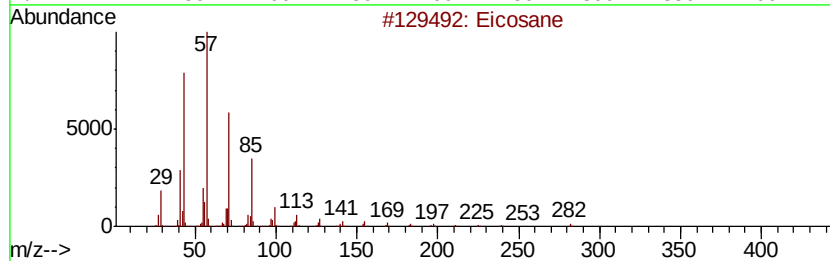
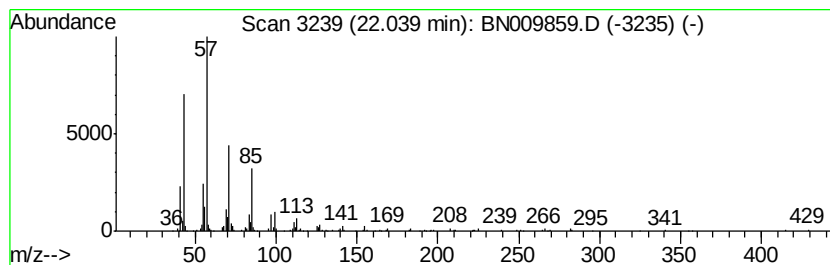
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.04 | 2.93 ng/ul | 267669 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane              | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    | Nonadecane            | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |    | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 87   |
| 4    |    | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 87   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 81   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

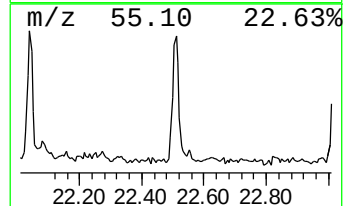
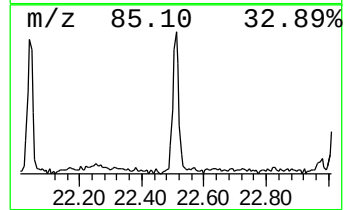
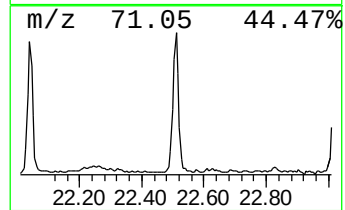
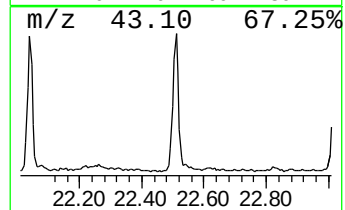
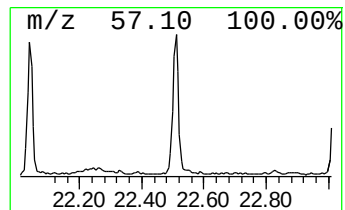
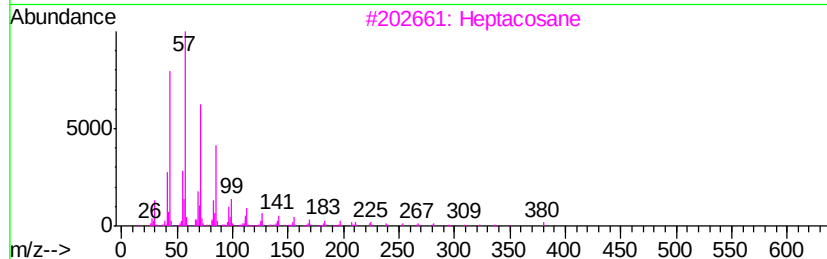
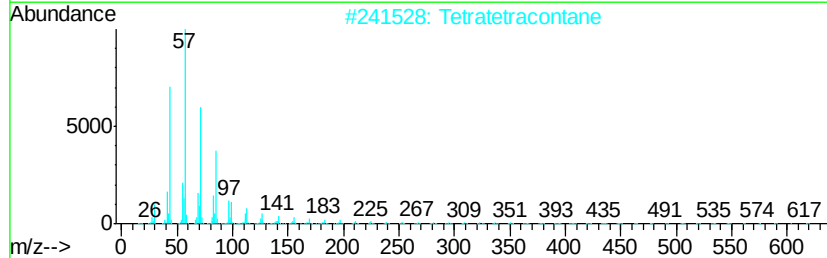
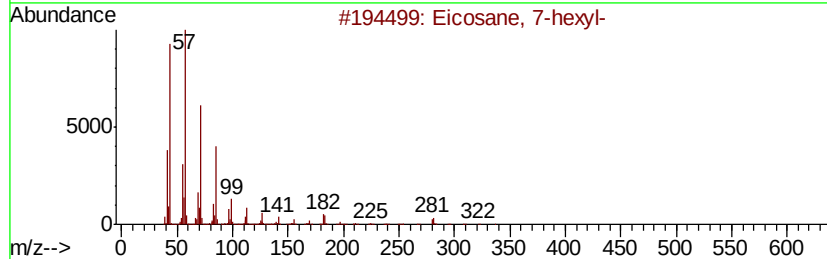
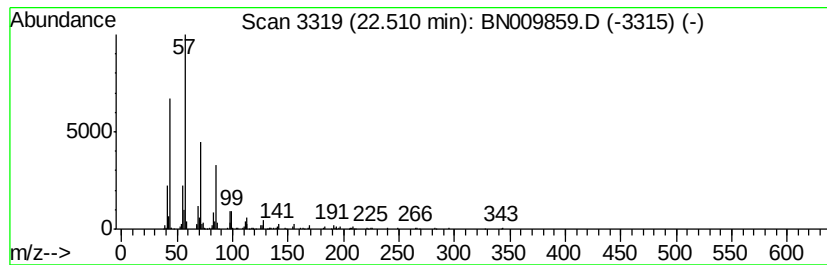
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.51 | 3.05 ng/ul | 275546 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8 | 90   |
| 2    |    | Tetratetracontane  | 619 | C44H90  | 007098-22-8 | 90   |
| 3    |    | Heptacosane        | 380 | C27H56  | 000593-49-7 | 90   |
| 4    |    | Hexacosane         | 366 | C26H54  | 000630-01-3 | 90   |
| 5    |    | Octacosane         | 394 | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

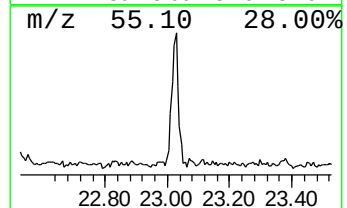
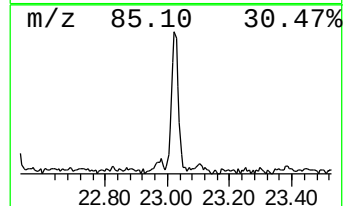
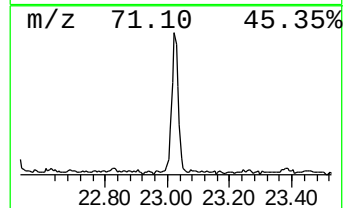
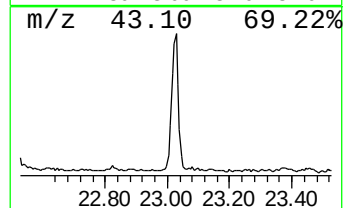
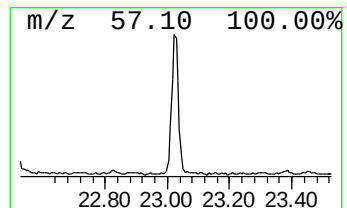
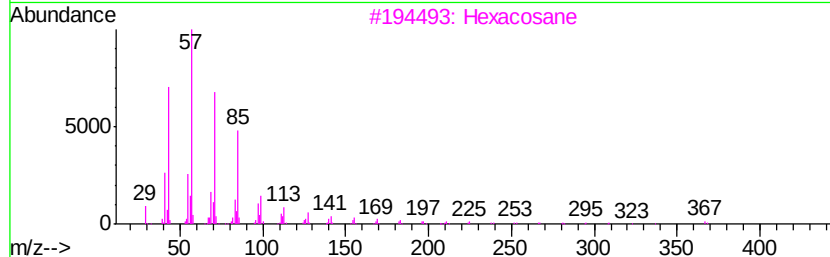
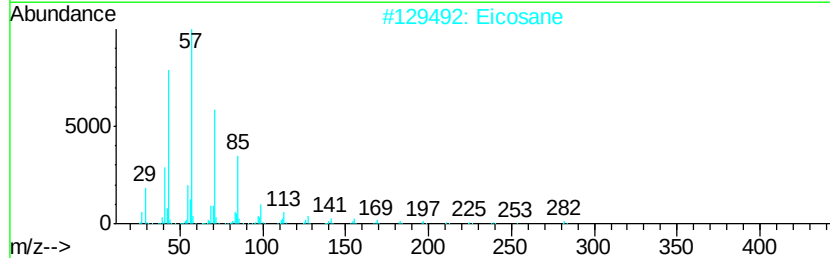
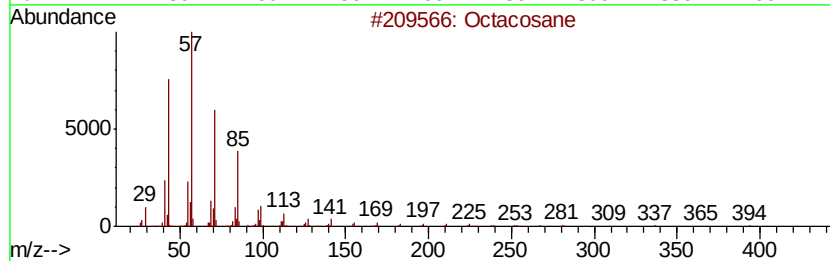
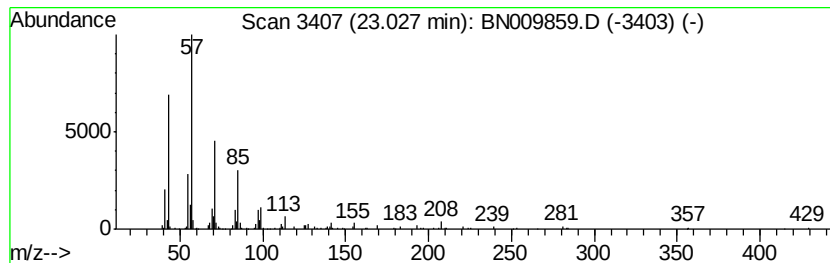
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.03 | 4.09 ng/ul | 369483 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane        | 394 | C28H58  | 000630-02-4 | 81   |
| 2    |    | Eicosane          | 282 | C20H42  | 000112-95-8 | 81   |
| 3    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 74   |
| 4    |    | Heneicosane       | 296 | C21H44  | 000629-94-7 | 74   |
| 5    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

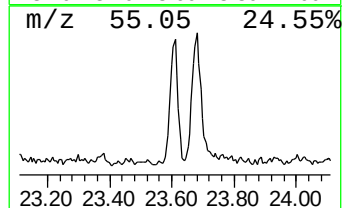
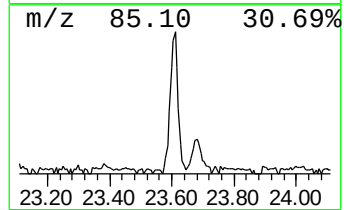
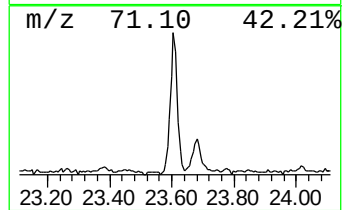
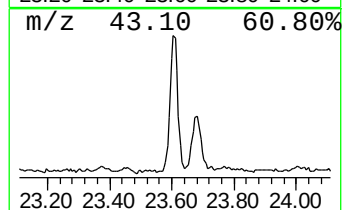
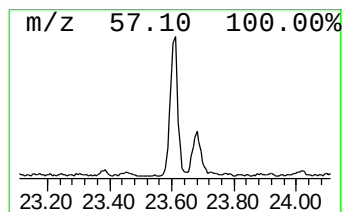
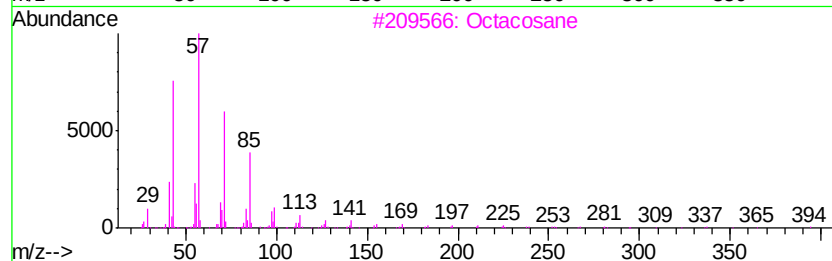
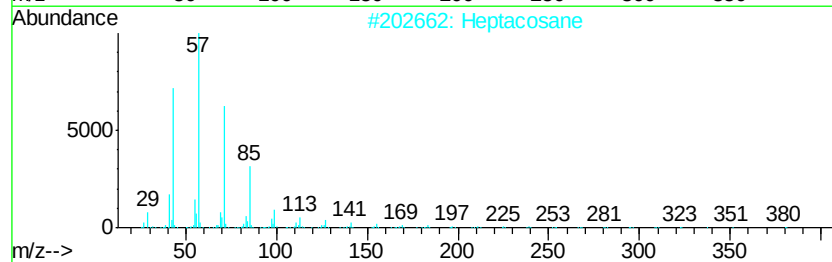
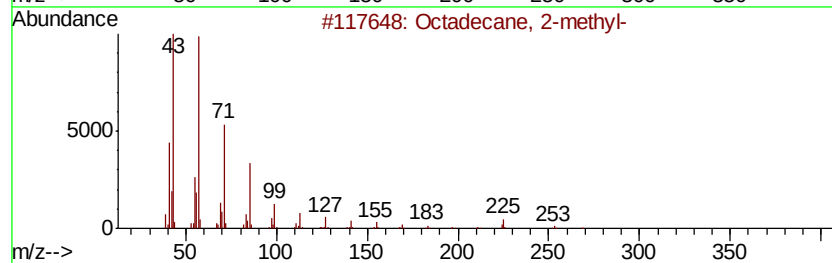
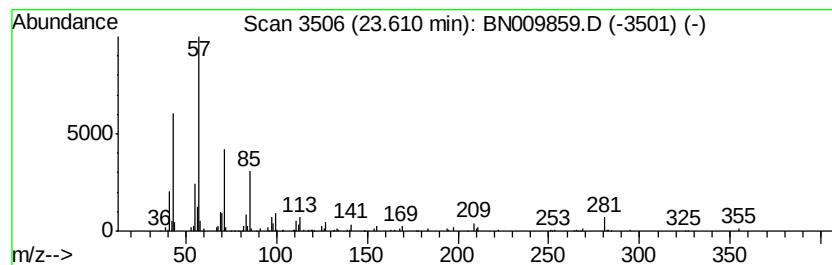
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.61 | 3.13 ng/ul | 283119 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 83   |
| 2    |    | Heptacosane           | 380 | C27H56  | 000593-49-7 | 80   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 76   |
| 4    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 68   |
| 5    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 68   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

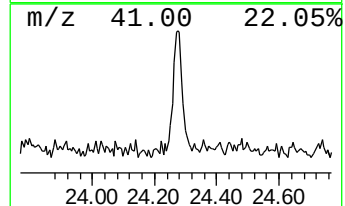
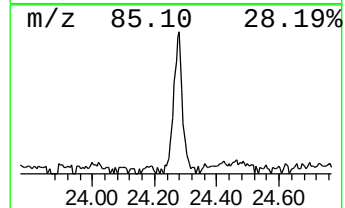
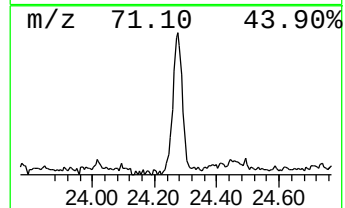
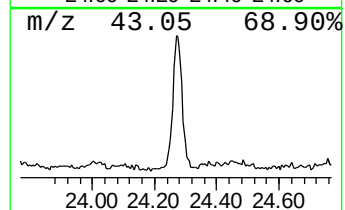
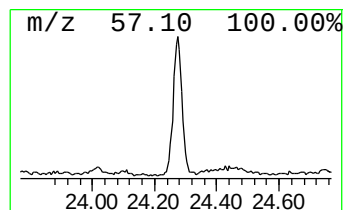
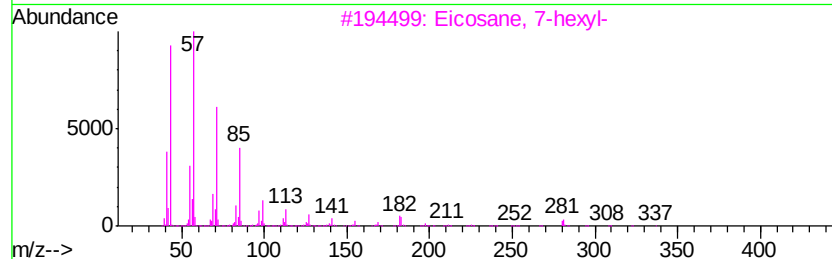
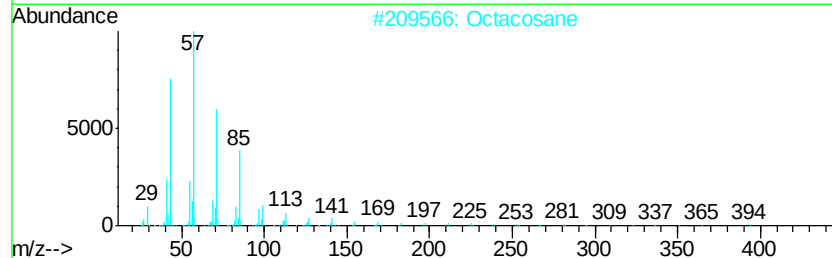
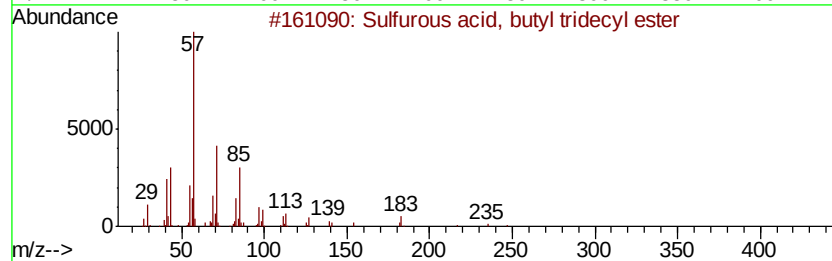
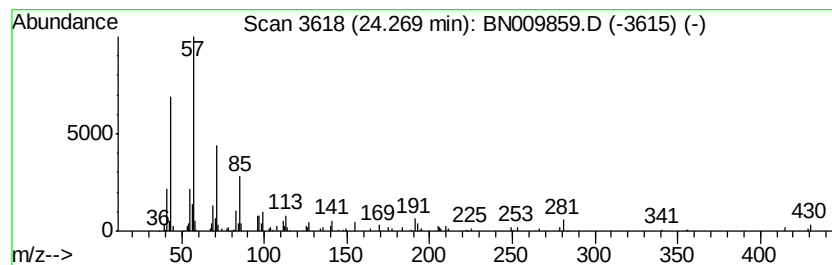
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Sulfurous acid, butyl tridecyl... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.27 | 2.36 ng/ul | 213760 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 72   |
| 2    |    | Octacosane                          | 394 | C28H58    | 000630-02-4  | 70   |
| 3    |    | Eicosane, 7-hexyl-                  | 366 | C26H54    | 055333-99-8  | 64   |
| 4    |    | Tetracosane                         | 338 | C24H50    | 000646-31-1  | 62   |
| 5    |    | Heptadecane, 9-octyl-               | 352 | C25H52    | 007225-64-1  | 62   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
Data File : BN009859.D  
Acq On : 22 Feb 2020 23:08  
Operator : CG/JU  
Sample : L1516-21  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.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 |
| n-Hexadecanoic acid  | 17.72 | 3.4     | ng/ul | 288240   | 4                     | 16.79 | 1707920 | 20.0 |
| (DEL) Alkane: Str... | 20.75 | 8.0     | ng/ul | 728130   | 5                     | 21.00 | 1826950 | 20.0 |
| Sulfurous acid, b... | 21.61 | 2.6     | ng/ul | 239604   | 5                     | 21.00 | 1826950 | 20.0 |
| (DEL) Alkane: Str... | 22.04 | 2.9     | ng/ul | 267669   | 5                     | 21.00 | 1826950 | 20.0 |
| (DEL) Alkane: Str... | 22.51 | 3.0     | ng/ul | 275546   | 6                     | 23.10 | 1808090 | 20.0 |
| (DEL) Alkane: Str... | 23.03 | 4.1     | ng/ul | 369483   | 6                     | 23.10 | 1808090 | 20.0 |
| (DEL) Alkane: Str... | 23.61 | 3.1     | ng/ul | 283119   | 6                     | 23.10 | 1808090 | 20.0 |
| Sulfurous acid, b... | 24.27 | 2.4     | ng/ul | 213760   | 6                     | 23.10 | 1808090 | 20.0 |