

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
 Data File : BN009952.D  
 Acq On : 27 Feb 2020 06:07  
 Operator : CG/JU  
 Sample : L1612-22  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBDM4

## 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         | 3.028       | 3             | 7           | 14           | rBV      | 33364          | 50058         | 1.65%           | 0.135%        |
| 2         | 3.711       | 120           | 123         | 125          | rBV3     | 6005           | 6418          | 0.21%           | 0.017%        |
| 3         | 4.234       | 209           | 212         | 217          | rBV5     | 2475           | 3590          | 0.12%           | 0.010%        |
| 4         | 4.593       | 270           | 273         | 278          | rVB4     | 4934           | 6592          | 0.22%           | 0.018%        |
| 5         | 5.852       | 485           | 487         | 492          | rBV5     | 1862           | 3129          | 0.10%           | 0.008%        |
| 6         | 5.916       | 495           | 498         | 501          | rVB3     | 2201           | 3162          | 0.10%           | 0.009%        |
| 7         | 6.581       | 606           | 611         | 627          | rBV      | 584260         | 1033672       | 34.09%          | 2.784%        |
| 8         | 6.740       | 632           | 638         | 650          | rVV      | 433575         | 699077        | 23.06%          | 1.883%        |
| 9         | 6.922       | 663           | 669         | 679          | rBV      | 610090         | 976712        | 32.21%          | 2.630%        |
| 10        | 6.993       | 679           | 681         | 685          | rVB4     | 4139           | 3828          | 0.13%           | 0.010%        |
| 11        | 7.381       | 739           | 747         | 758          | rBV      | 405044         | 669974        | 22.10%          | 1.804%        |
| 12        | 7.475       | 760           | 763         | 767          | rVB4     | 4990           | 8041          | 0.27%           | 0.022%        |
| 13        | 8.093       | 862           | 868         | 881          | rBV      | 710274         | 1216251       | 40.11%          | 3.275%        |
| 14        | 8.199       | 884           | 886         | 890          | rVB3     | 2655           | 3726          | 0.12%           | 0.010%        |
| 15        | 8.269       | 896           | 898         | 903          | rVB5     | 2762           | 3681          | 0.12%           | 0.010%        |
| 16        | 8.522       | 933           | 941         | 951          | rBV      | 620419         | 1044480       | 34.45%          | 2.813%        |
| 17        | 8.957       | 1009          | 1015        | 1023         | rVB3     | 8474           | 14053         | 0.46%           | 0.038%        |
| 18        | 9.234       | 1052          | 1062        | 1081         | rBV      | 515618         | 899195        | 29.66%          | 2.422%        |
| 19        | 9.769       | 1146          | 1153        | 1175         | rBV      | 649152         | 1236671       | 40.79%          | 3.330%        |
| 20        | 10.128      | 1207          | 1214        | 1224         | rVB      | 572533         | 968391        | 31.94%          | 2.608%        |
| 21        | 10.281      | 1234          | 1240        | 1263         | rBV      | 563408         | 1225363       | 40.41%          | 3.300%        |
| 22        | 11.757      | 1487          | 1491        | 1495         | rBV2     | 6634           | 10736         | 0.35%           | 0.029%        |
| 23        | 12.863      | 1674          | 1679        | 1683         | rBV4     | 3245           | 5304          | 0.17%           | 0.014%        |
| 24        | 12.934      | 1686          | 1691        | 1694         | rVV4     | 6247           | 7943          | 0.26%           | 0.021%        |
| 25        | 13.445      | 1772          | 1778        | 1784         | rBV      | 1188545        | 1756788       | 57.94%          | 4.731%        |
| 26        | 13.498      | 1784          | 1787        | 1795         | rVV      | 101566         | 148188        | 4.89%           | 0.399%        |
| 27        | 13.704      | 1816          | 1822        | 1836         | rBV      | 1359916        | 2055321       | 67.79%          | 5.535%        |
| 28        | 14.022      | 1870          | 1876        | 1885         | rVB2     | 825536         | 1243751       | 41.02%          | 3.349%        |
| 29        | 14.275      | 1913          | 1919        | 1944         | rBV      | 335416         | 817913        | 26.98%          | 2.203%        |
| 30        | 14.434      | 1944          | 1946        | 1948         | rVB3     | 3496           | 3206          | 0.11%           | 0.009%        |
| 31        | 14.492      | 1954          | 1956        | 1963         | rVB5     | 3537           | 4897          | 0.16%           | 0.013%        |
| 32        | 14.916      | 2025          | 2028        | 2033         | rBV4     | 5914           | 8414          | 0.28%           | 0.023%        |
| 33        | 15.028      | 2040          | 2047        | 2058         | rBV      | 1765145        | 2512159       | 82.86%          | 6.765%        |
| 34        | 15.104      | 2058          | 2060        | 2065         | rVV4     | 3169           | 4489          | 0.15%           | 0.012%        |

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

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 15.186 | 2068 | 2074 | 2085 | rVV  | 495959  | 833584  | 27.49%  | 2.245% |
| 36 | 15.269 | 2085 | 2088 | 2092 | rVV3 | 26323   | 41611   | 1.37%   | 0.112% |
| 37 | 15.316 | 2092 | 2096 | 2097 | rVV3 | 5159    | 7325    | 0.24%   | 0.020% |
| 38 | 15.475 | 2120 | 2123 | 2128 | rVB6 | 2350    | 3714    | 0.12%   | 0.010% |
| 39 | 15.786 | 2171 | 2176 | 2178 | rVV4 | 4449    | 6106    | 0.20%   | 0.016% |
| 40 | 15.816 | 2178 | 2181 | 2186 | rVB5 | 5335    | 7503    | 0.25%   | 0.020% |
| 41 | 16.033 | 2213 | 2218 | 2222 | rBV5 | 3102    | 4584    | 0.15%   | 0.012% |
| 42 | 16.233 | 2249 | 2252 | 2256 | rBV4 | 2514    | 3962    | 0.13%   | 0.011% |
| 43 | 16.457 | 2285 | 2290 | 2294 | rBV4 | 2366    | 4840    | 0.16%   | 0.013% |
| 44 | 16.581 | 2306 | 2311 | 2315 | rBV6 | 5738    | 10351   | 0.34%   | 0.028% |
| 45 | 16.633 | 2317 | 2320 | 2322 | rVB3 | 3659    | 3569    | 0.12%   | 0.010% |
| 46 | 16.781 | 2339 | 2345 | 2355 | rVV  | 1088262 | 1451832 | 47.88%  | 3.910% |
| 47 | 16.880 | 2355 | 2362 | 2377 | rBV  | 1736202 | 2655020 | 87.57%  | 7.150% |
| 48 | 17.022 | 2383 | 2386 | 2390 | rVB4 | 4012    | 5367    | 0.18%   | 0.014% |
| 49 | 17.198 | 2412 | 2416 | 2420 | rBV5 | 14004   | 20092   | 0.66%   | 0.054% |
| 50 | 17.710 | 2498 | 2503 | 2519 | rBV  | 175426  | 288860  | 9.53%   | 0.778% |
| 51 | 17.933 | 2539 | 2541 | 2546 | rBV5 | 3299    | 4751    | 0.16%   | 0.013% |
| 52 | 17.986 | 2548 | 2550 | 2554 | rVB4 | 3940    | 3813    | 0.13%   | 0.010% |
| 53 | 18.139 | 2573 | 2576 | 2581 | rBV5 | 11691   | 13735   | 0.45%   | 0.037% |
| 54 | 18.386 | 2615 | 2618 | 2622 | rBV5 | 3497    | 6191    | 0.20%   | 0.017% |
| 55 | 18.516 | 2638 | 2640 | 2642 | rBV2 | 5378    | 3809    | 0.13%   | 0.010% |
| 56 | 18.580 | 2648 | 2651 | 2653 | rBV4 | 3894    | 5037    | 0.17%   | 0.014% |
| 57 | 18.827 | 2689 | 2693 | 2696 | rBV  | 13594   | 17416   | 0.57%   | 0.047% |
| 58 | 18.857 | 2696 | 2698 | 2701 | rBV3 | 6737    | 5703    | 0.19%   | 0.015% |
| 59 | 18.939 | 2709 | 2712 | 2716 | rVB5 | 4084    | 6090    | 0.20%   | 0.016% |
| 60 | 19.010 | 2720 | 2724 | 2728 | rVV5 | 27286   | 40459   | 1.33%   | 0.109% |
| 61 | 19.080 | 2731 | 2736 | 2741 | rVB2 | 16171   | 23682   | 0.78%   | 0.064% |
| 62 | 19.186 | 2748 | 2754 | 2767 | rBV2 | 2223689 | 3031971 | 100.00% | 8.165% |
| 63 | 19.616 | 2826 | 2827 | 2828 | rBV  | 5315    | 3254    | 0.11%   | 0.009% |
| 64 | 19.745 | 2846 | 2849 | 2853 | rBV5 | 22272   | 29064   | 0.96%   | 0.078% |
| 65 | 19.816 | 2859 | 2861 | 2863 | rBV3 | 5029    | 3733    | 0.12%   | 0.010% |
| 66 | 19.939 | 2880 | 2882 | 2883 | rBV2 | 5432    | 4138    | 0.14%   | 0.011% |
| 67 | 19.957 | 2883 | 2885 | 2887 | rVV3 | 4636    | 4515    | 0.15%   | 0.012% |
| 68 | 20.239 | 2931 | 2933 | 2934 | rBV2 | 5566    | 4020    | 0.13%   | 0.011% |
| 69 | 20.263 | 2934 | 2937 | 2938 | rBV3 | 12002   | 10734   | 0.35%   | 0.029% |
| 70 | 20.710 | 3010 | 3013 | 3014 | rBV3 | 13836   | 13638   | 0.45%   | 0.037% |
| 71 | 20.739 | 3014 | 3018 | 3027 | rVV  | 787632  | 921049  | 30.38%  | 2.480% |

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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 20.898 | 3043 | 3045 | 3049 | rBV5 | 23348   | 23596   | 0.78%  | 0.064% |
| 73 | 21.004 | 3057 | 3063 | 3070 | rBV  | 1226884 | 1617208 | 53.34% | 4.355% |
| 74 | 21.186 | 3091 | 3094 | 3098 | rBV3 | 48478   | 55120   | 1.82%  | 0.148% |
| 75 | 21.610 | 3162 | 3166 | 3172 | rBV3 | 71788   | 131445  | 4.34%  | 0.354% |
| 76 | 22.033 | 3235 | 3238 | 3243 | rVB  | 103934  | 118222  | 3.90%  | 0.318% |
| 77 | 22.504 | 3314 | 3318 | 3320 | rBV  | 159369  | 218672  | 7.21%  | 0.589% |
| 78 | 22.539 | 3320 | 3324 | 3333 | rVB  | 509416  | 832420  | 27.45% | 2.242% |
| 79 | 22.968 | 3391 | 3397 | 3403 | rBV  | 1687529 | 2921698 | 96.36% | 7.868% |
| 80 | 23.015 | 3403 | 3405 | 3412 | rVV  | 193345  | 266226  | 8.78%  | 0.717% |
| 81 | 23.098 | 3413 | 3419 | 3429 | rVB  | 881492  | 1636509 | 53.98% | 4.407% |
| 82 | 23.345 | 3458 | 3461 | 3471 | rVB4 | 99425   | 194196  | 6.40%  | 0.523% |
| 83 | 23.598 | 3499 | 3504 | 3510 | rVB2 | 178785  | 307461  | 10.14% | 0.828% |
| 84 | 23.668 | 3512 | 3516 | 3529 | rVB  | 197397  | 380499  | 12.55% | 1.025% |
| 85 | 24.262 | 3612 | 3617 | 3623 | rBV2 | 142585  | 269115  | 8.88%  | 0.725% |

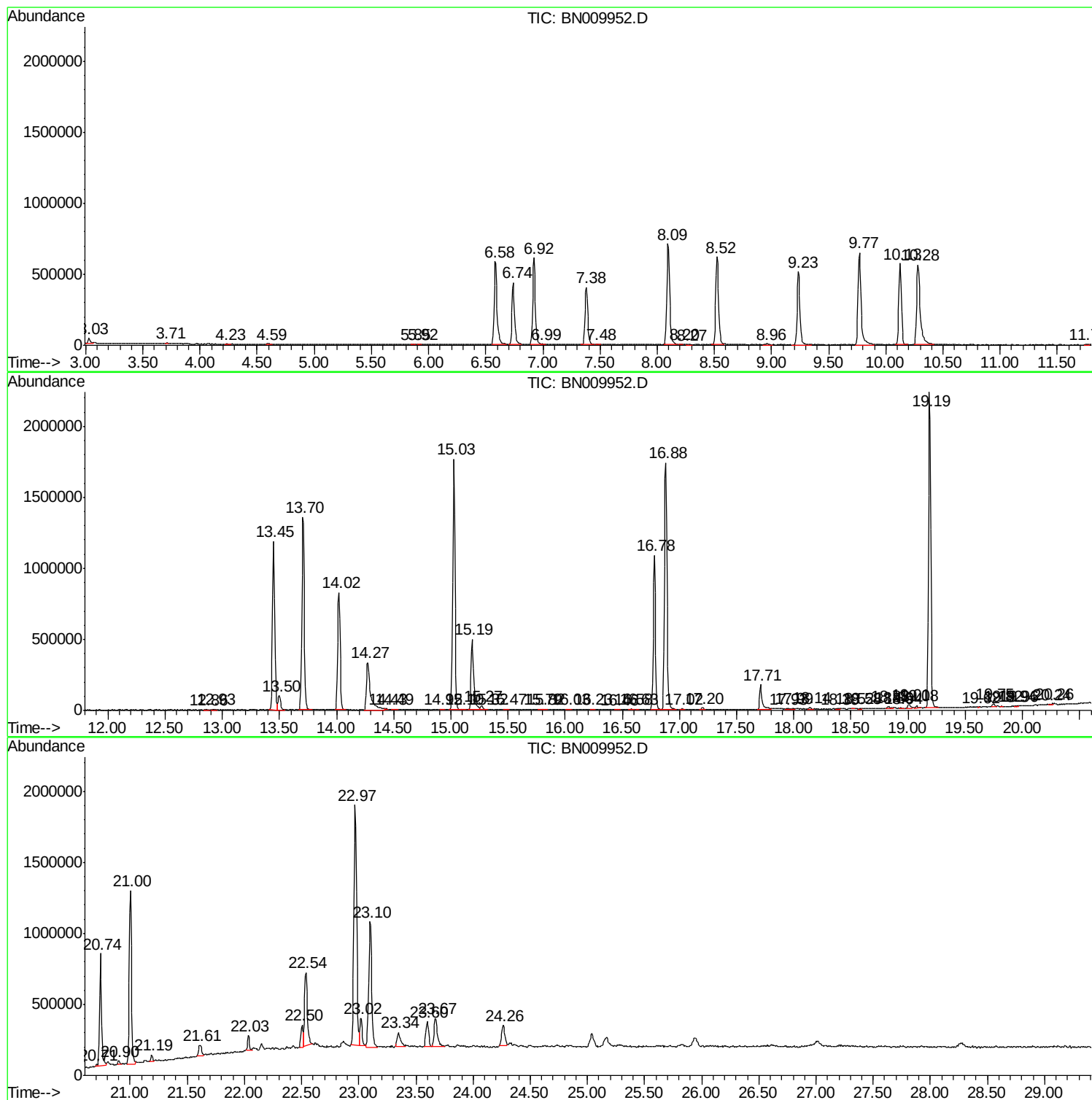
Sum of corrected areas: 37132682

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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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ALS Vial : 33 Sample Multiplier: 1

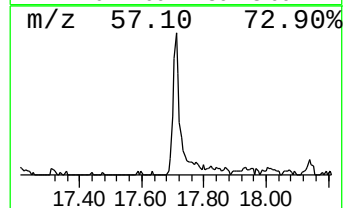
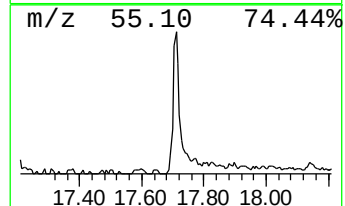
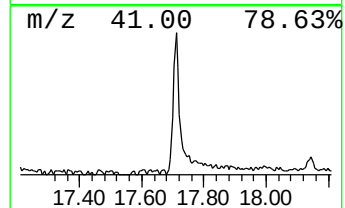
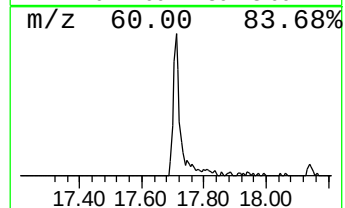
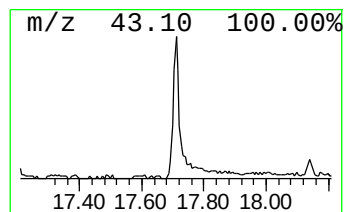
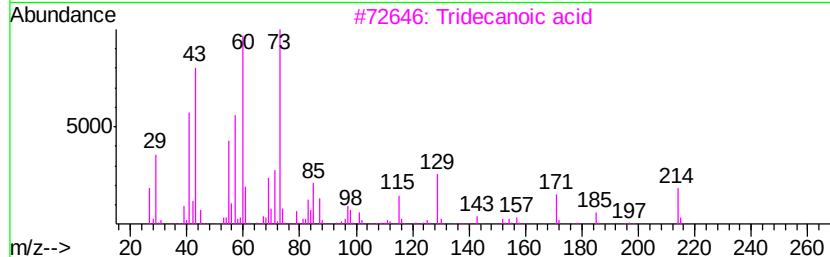
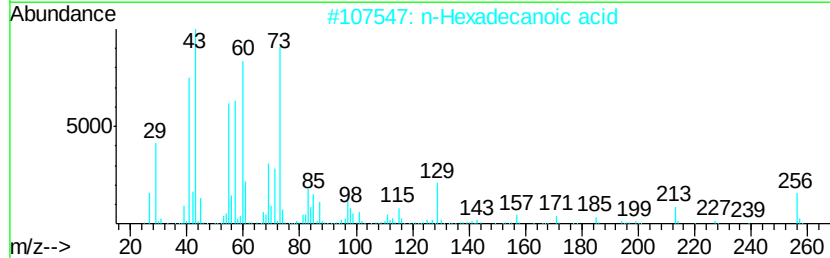
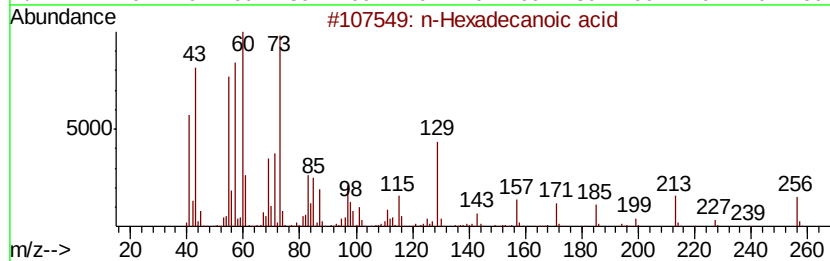
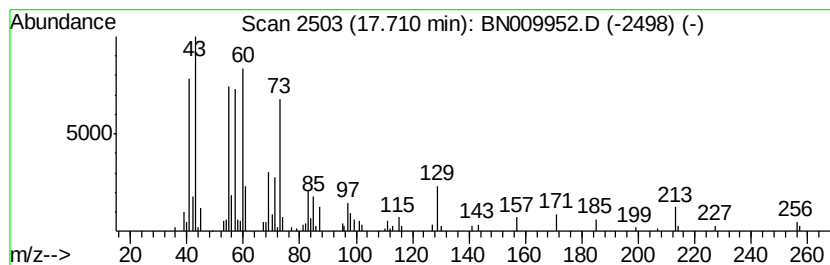
Instrument :  
BNA\_N  
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DBDM4

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 1 n-Hexadecanoic acid Concentration Rank 4

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 17.71     | 3.98 ng/ul          | 288860 | Phenanthrene-d10 | 16.78       |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 91   |
| 2         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 83   |
| 3         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 80   |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 72   |
| 5         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 72   |



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

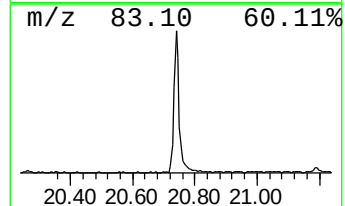
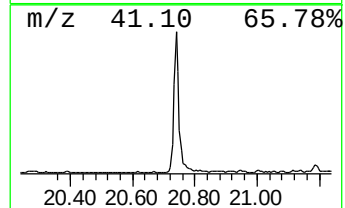
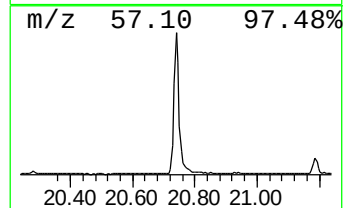
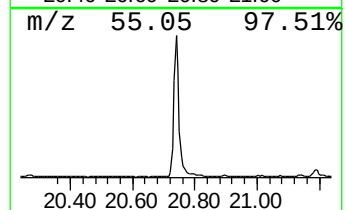
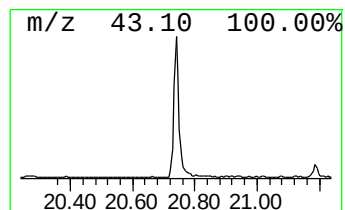
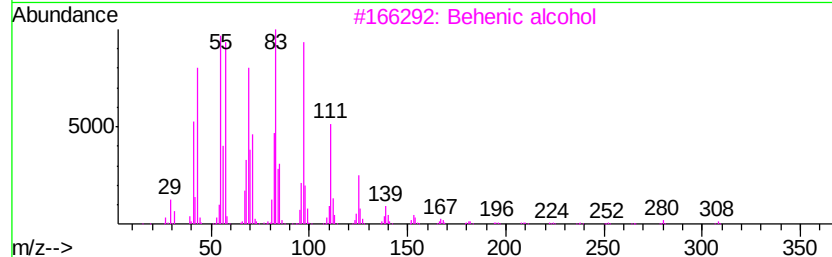
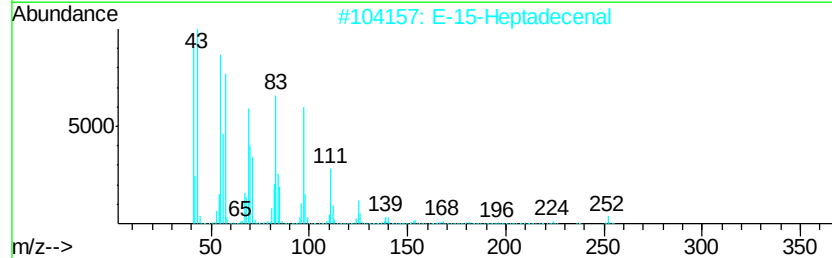
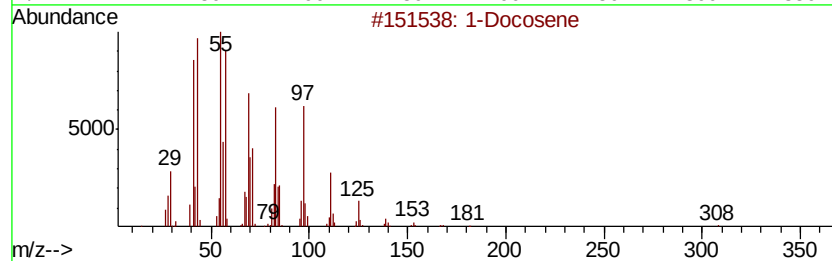
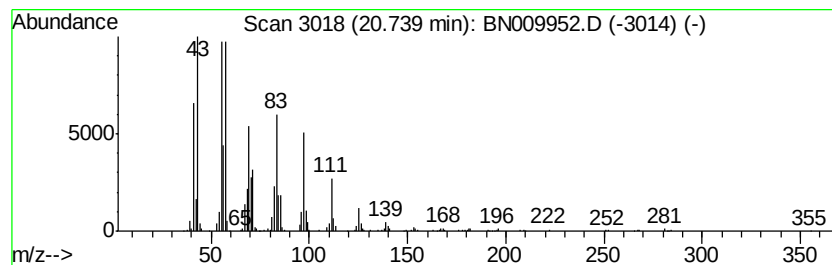
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 20.74 | 11.39 ng/ul | 921049 | Chrysene-d12     | 21.00 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------|-----|---------|--------------|------|
| 1    |    |   | 1-Docosene        | 308 | C22H44  | 001599-67-3  | 95   |
| 2    |    |   | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 91   |
| 3    |    |   | Behenic alcohol   | 326 | C22H46O | 000661-19-8  | 91   |
| 4    |    |   | Cyclohexadecane   | 224 | C16H32  | 000295-65-8  | 91   |
| 5    |    |   | 1-Nonadecene      | 266 | C19H38  | 018435-45-5  | 91   |



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Quant Title : SVOA CALIBRATION

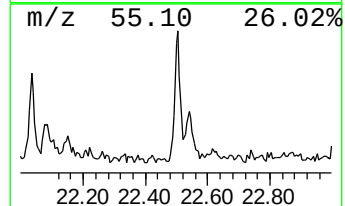
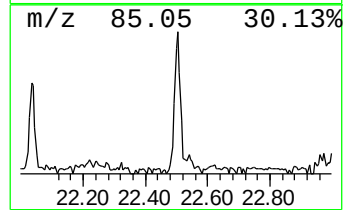
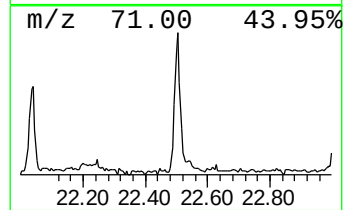
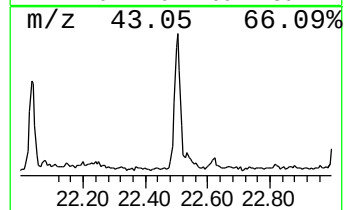
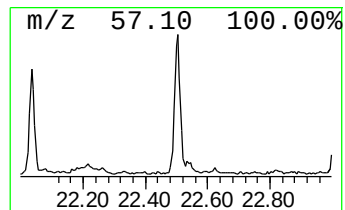
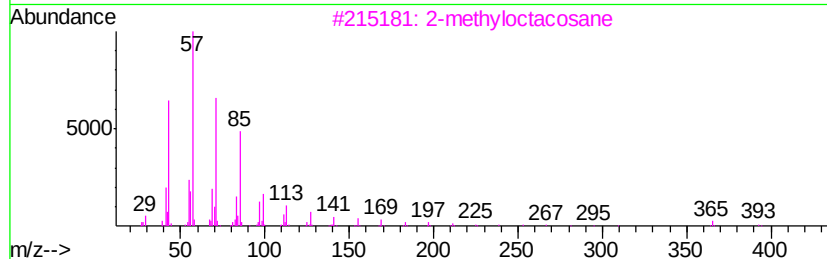
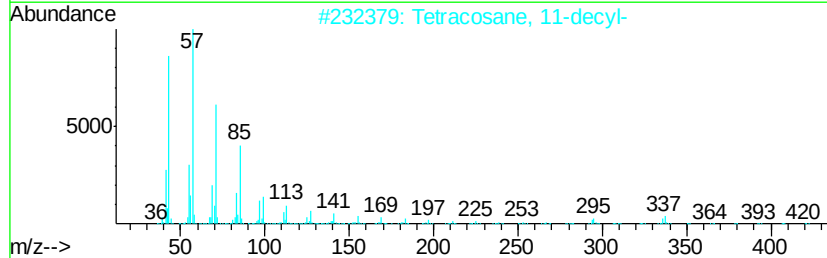
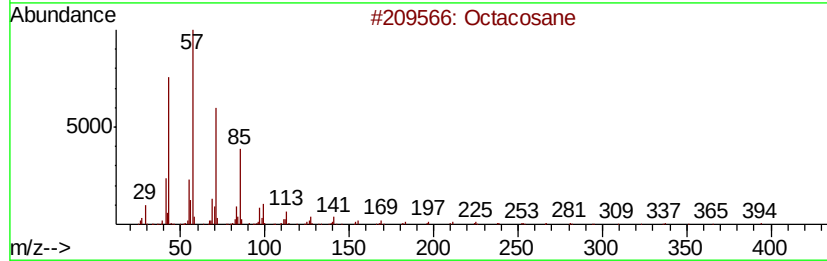
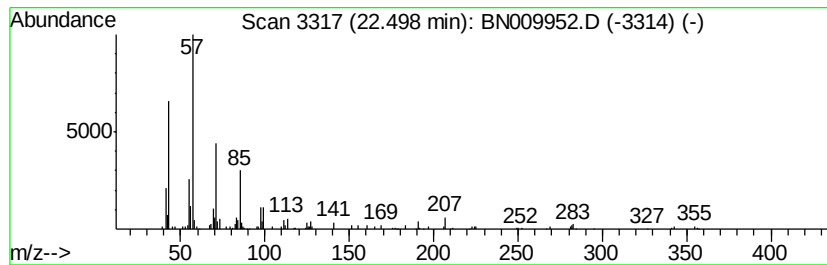
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.50 | 2.67 ng/ul | 218672 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | Octacosane             | 394 | C28H58  | 000630-02-4  | 87   |
| 2    |    | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0  | 76   |
| 3    |    | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 76   |
| 4    |    | Tetratetracontane      | 619 | C44H90  | 007098-22-8  | 76   |
| 5    |    | Heneicosane            | 296 | C21H44  | 000629-94-7  | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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

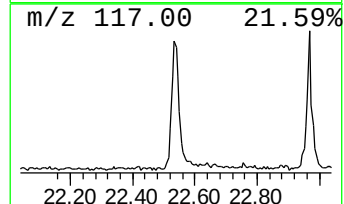
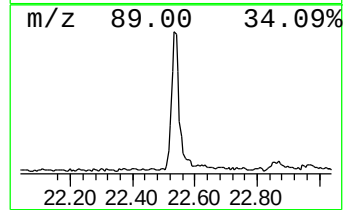
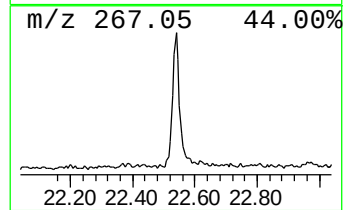
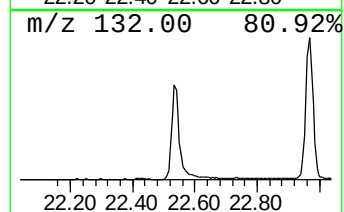
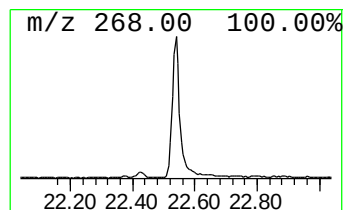
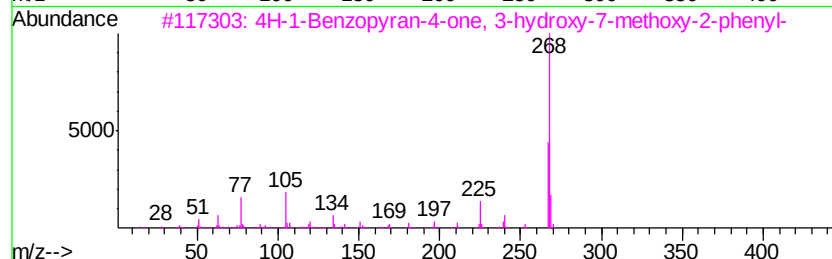
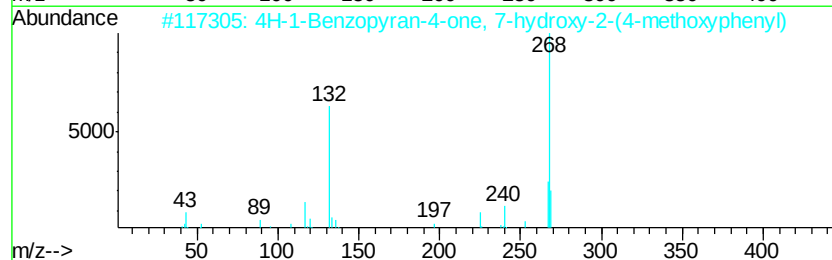
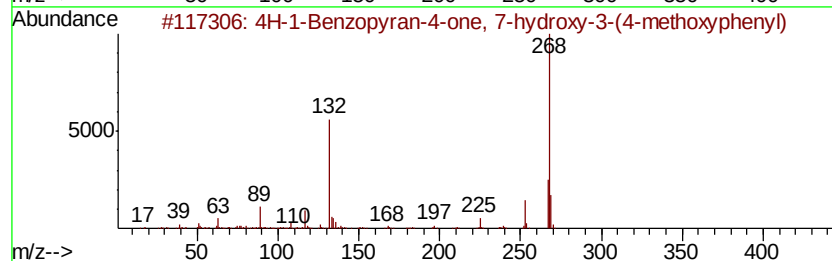
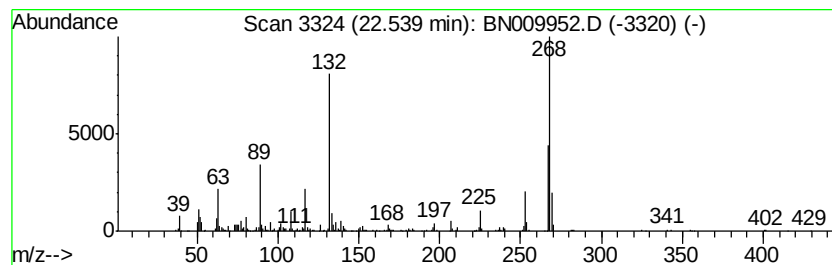
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 4H-1-Benzopyran-4-one, 7-hy... Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 22.54 | 10.17 ng/ul | 832420 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 4H-1-Benzopyran-4-one, 7-hydroxy... | 268 | C16H12O4 | 000485-72-3 | 91   |
| 2    |    | 4H-1-Benzopyran-4-one, 7-hydroxy... | 268 | C16H12O4 | 000487-24-1 | 76   |
| 3    |    | 4H-1-Benzopyran-4-one, 3-hydroxy... | 268 | C16H12O4 | 007478-60-6 | 50   |
| 4    |    | Naphthalene, 1,1'-methylenebis-     | 268 | C21H16   | 000607-50-1 | 49   |
| 5    |    | 4H-1-Benzopyran-4-one, 3-hydroxy... | 268 | C16H12O4 | 007478-60-6 | 45   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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

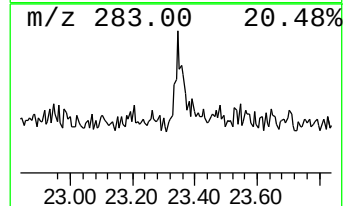
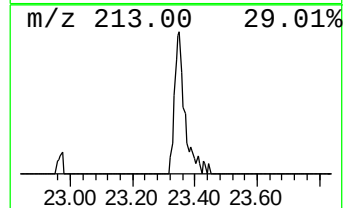
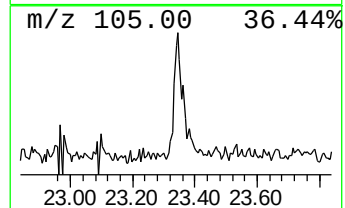
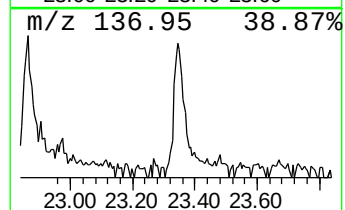
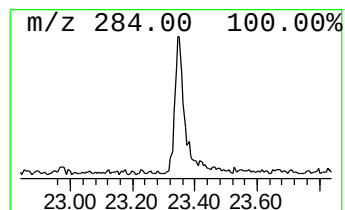
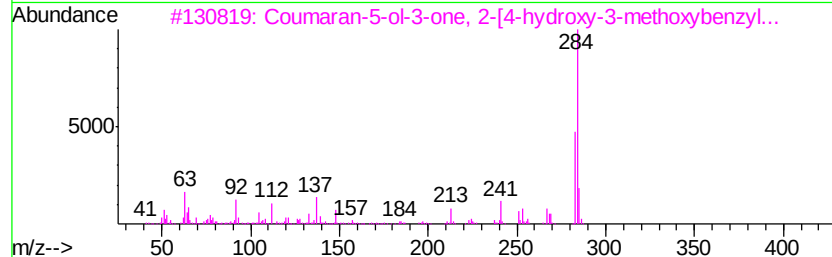
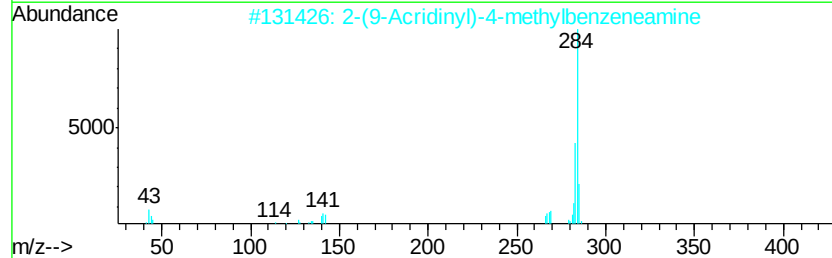
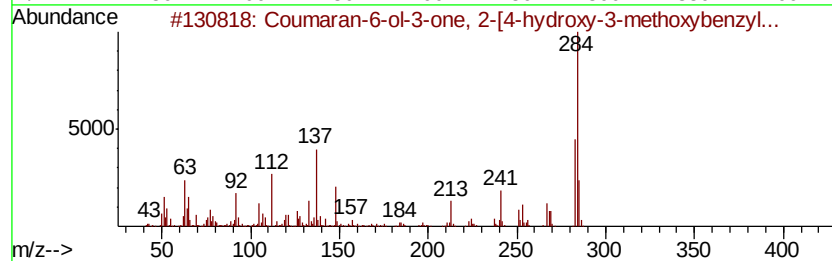
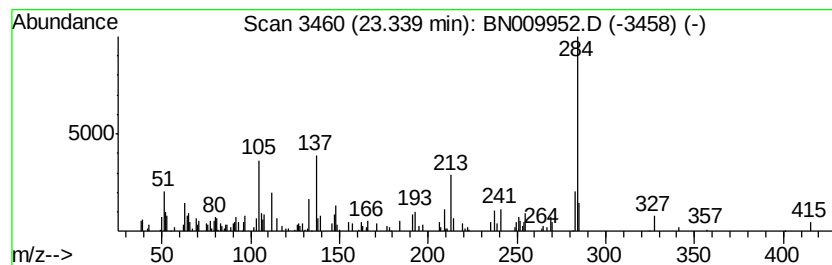
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Coumaran-6-ol-3-one, 2-[4-h... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.34 | 2.37 ng/ul | 194196 | Perylene-d12     | 23.10 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | Coumaran-6-ol-3-one, 2-[4-hydrox... | 284 | C16H12O5   | 032396-80-8  | 64   |
| 2       |   | 2-(9-Acridinyl)-4-methylbenzenea... | 284 | C20H16N2   | 035586-77-7  | 60   |
| 3       |   | Coumaran-5-ol-3-one, 2-[4-hydrox... | 284 | C16H12O5   | 1000129-33-1 | 53   |
| 4       |   | 3-Hydroxy-2-(4-hydroxy-3-methoxy... | 284 | C16H12O5   | 159184-95-9  | 49   |
| 5       |   | Benzenamine, 2-methyl-5-nitro-N-... | 284 | C15H12N2O4 | 200348-04-5  | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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

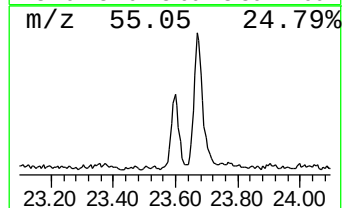
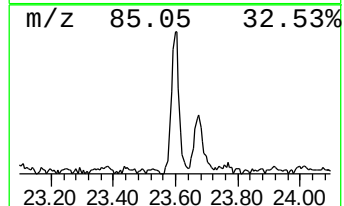
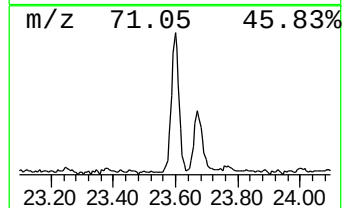
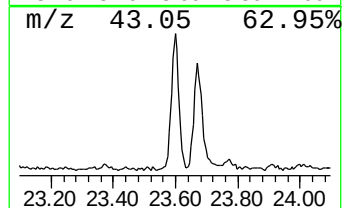
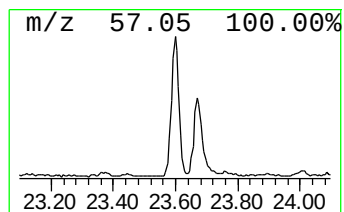
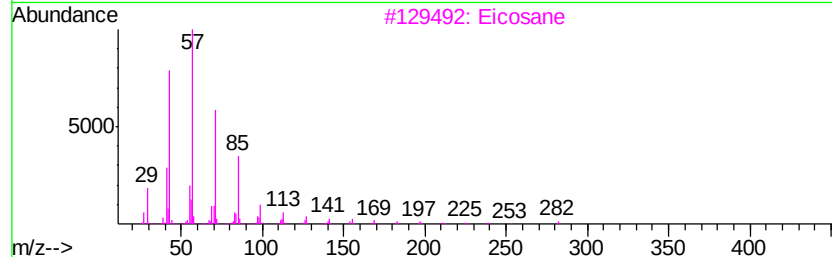
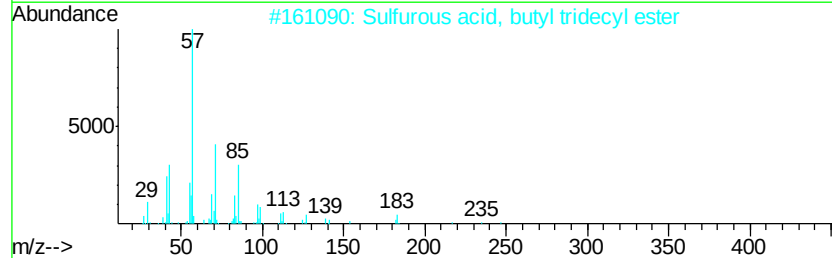
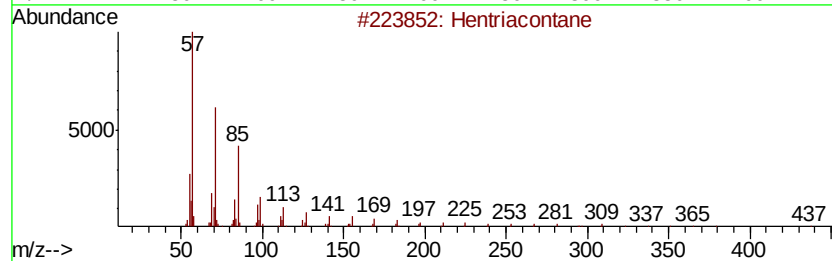
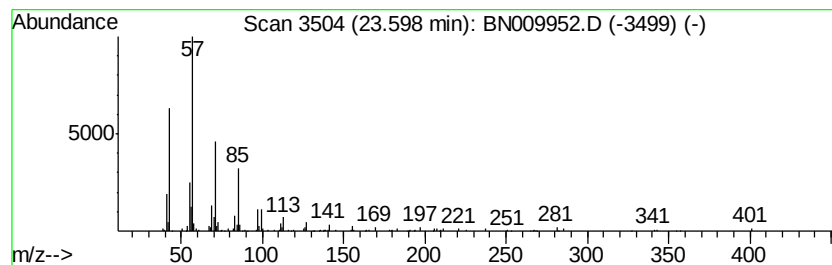
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.60 | 3.76 ng/ul | 307461 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Hentriacontane                      | 437 | C31H64    | 000630-04-6  | 87   |
| 2    |    | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 86   |
| 3    |    | Eicosane                            | 282 | C20H42    | 000112-95-8  | 83   |
| 4    |    | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 81   |
| 5    |    | 2-methyloctacosane                  | 408 | C29H60    | 1000376-72-8 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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

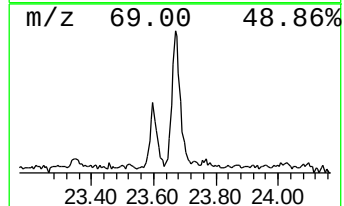
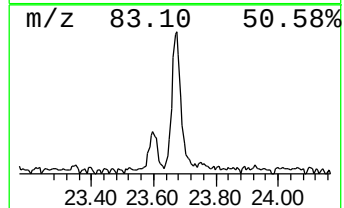
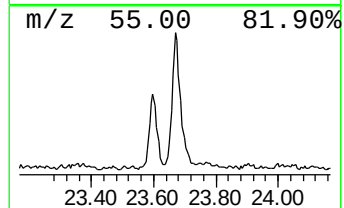
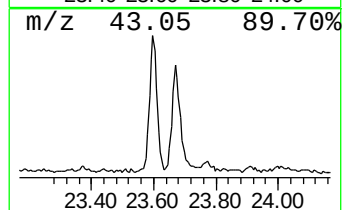
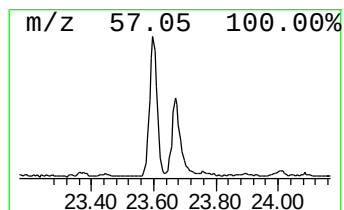
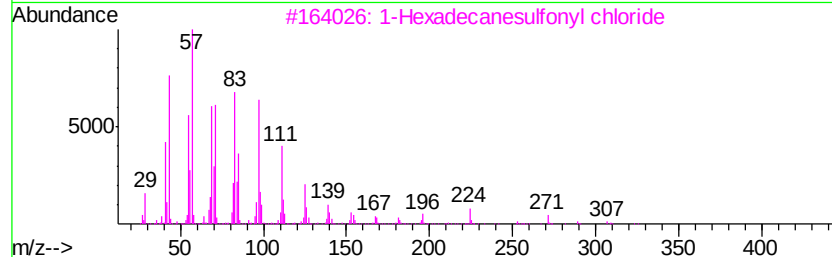
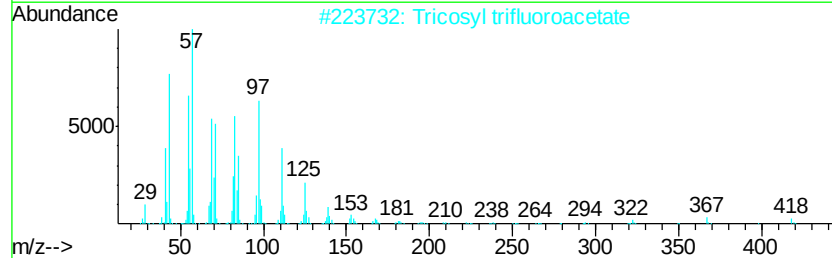
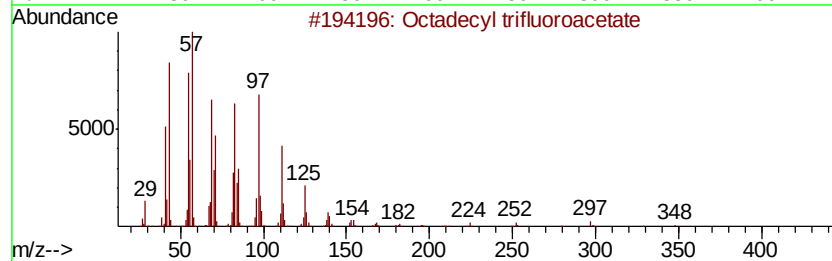
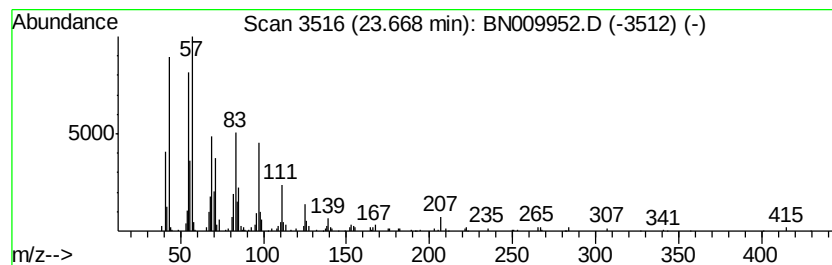
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.67 | 4.65 ng/ul | 380499 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Octadecyl trifluoroacetate          | 366 | C20H37F3O2  | 079392-43-1  | 91   |
| 2    |    | Tricosyl trifluoroacetate           | 436 | C25H47F3O2  | 1000351-75-1 | 91   |
| 3    |    | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 91   |
| 4    |    | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 959218-78-1  | 91   |
| 5    |    | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2  | 959261-25-7  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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

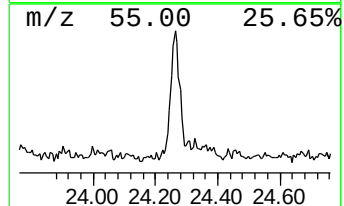
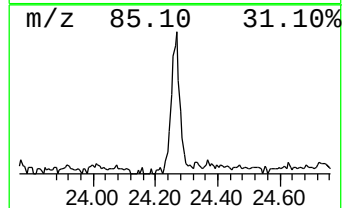
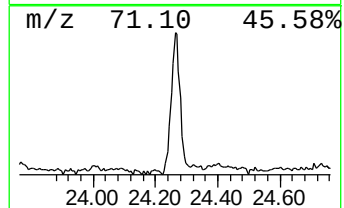
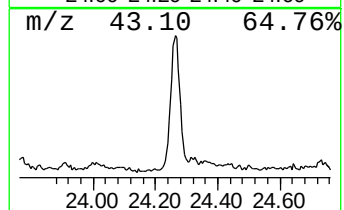
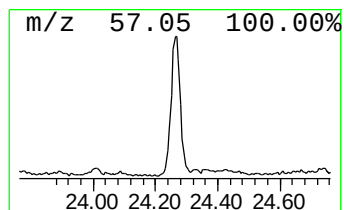
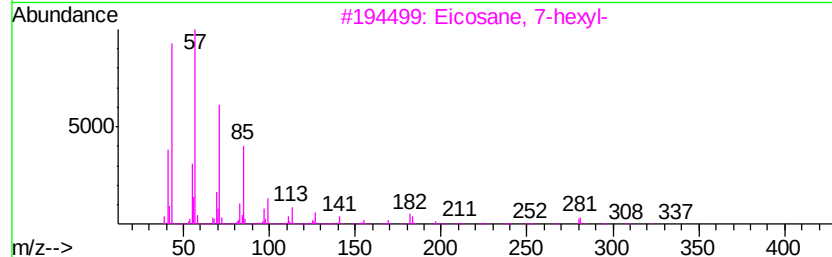
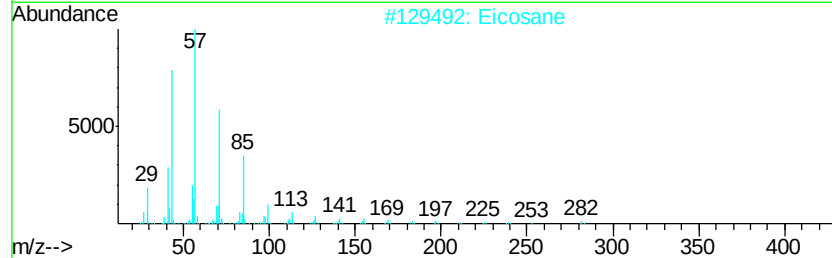
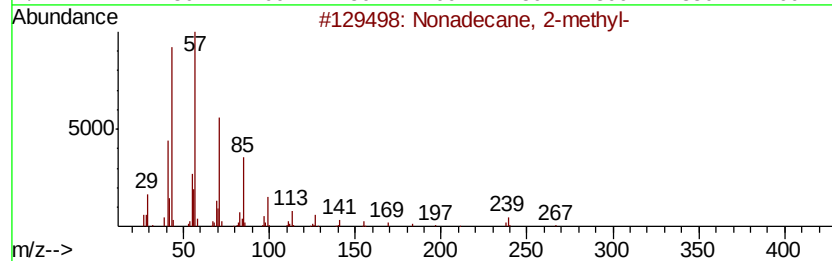
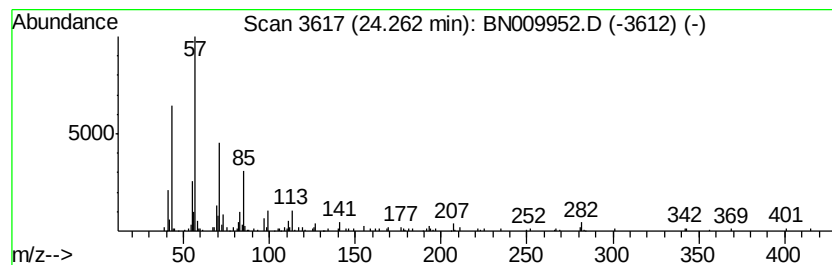
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.26 | 3.29 ng/ul | 269115 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Nonadecane, 2-methyl- | 282 | C20H42  | 001560-86-7 | 83   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 80   |
| 3    |    | Eicosane, 7-hexyl-    | 366 | C26H54  | 055333-99-8 | 76   |
| 4    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 76   |
| 5    |    | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022620\  
Data File : BN009952.D  
Acq On : 27 Feb 2020 06:07  
Operator : CG/JU  
Sample : L1612-22  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDM4

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  | 17.71 | 4.0     | ng/ul | 288860   | 4                     | 16.78 | 1451830 | 20.0 |
| (DEL) Alkane: Str... | 20.74 | 11.4    | ng/ul | 921049   | 5                     | 21.00 | 1617210 | 20.0 |
| (DEL) Alkane: Str... | 22.50 | 2.7     | ng/ul | 218672   | 6                     | 23.10 | 1636510 | 20.0 |
| 4H-1-Benzopyran-4... | 22.54 | 10.2    | ng/ul | 832420   | 6                     | 23.10 | 1636510 | 20.0 |
| Coumaran-6-ol-3-o... | 23.34 | 2.4     | ng/ul | 194196   | 6                     | 23.10 | 1636510 | 20.0 |
| (DEL) Alkane: Str... | 23.60 | 3.8     | ng/ul | 307461   | 6                     | 23.10 | 1636510 | 20.0 |
| Octadecyl trifluo... | 23.67 | 4.7     | ng/ul | 380499   | 6                     | 23.10 | 1636510 | 20.0 |
| (DEL) Alkane: Str... | 24.26 | 3.3     | ng/ul | 269115   | 6                     | 23.10 | 1636510 | 20.0 |