

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
 Data File : BP001846.D  
 Acq On : 22 Feb 2020 04:36  
 Operator : CG/JU  
 Sample : L1506-19  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBCZ7

## 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\_P\METHODS\SOM-EPA-BP021820MA.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         | 2.922       | 3             | 6           | 22           | rVB      | 451551         | 697530        | 6.42%           | 0.534%        |
| 2         | 3.175       | 44            | 49          | 62           | rVB      | 64888          | 107577        | 0.99%           | 0.082%        |
| 3         | 3.899       | 168           | 172         | 180          | rVB      | 10191          | 17397         | 0.16%           | 0.013%        |
| 4         | 4.387       | 251           | 255         | 262          | rVB3     | 9360           | 17604         | 0.16%           | 0.013%        |
| 5         | 4.799       | 321           | 325         | 332          | rBV2     | 14095          | 25846         | 0.24%           | 0.020%        |
| 6         | 6.828       | 662           | 670         | 684          | rBV      | 1198941        | 1979932       | 18.22%          | 1.517%        |
| 7         | 6.993       | 690           | 698         | 711          | rBV      | 1048216        | 1606554       | 14.78%          | 1.231%        |
| 8         | 7.187       | 724           | 731         | 742          | rBV      | 1319466        | 2111988       | 19.43%          | 1.618%        |
| 9         | 7.651       | 801           | 810         | 818          | rBV      | 1297121        | 2032766       | 18.70%          | 1.557%        |
| 10        | 7.734       | 820           | 824         | 831          | rVB      | 24540          | 36405         | 0.33%           | 0.028%        |
| 11        | 8.357       | 920           | 930         | 943          | rBV      | 1674229        | 2629874       | 24.19%          | 2.015%        |
| 12        | 8.792       | 997           | 1004        | 1019         | rBV      | 1255151        | 2028544       | 18.66%          | 1.554%        |
| 13        | 9.287       | 1079          | 1088        | 1096         | rVB      | 43689          | 72786         | 0.67%           | 0.056%        |
| 14        | 9.516       | 1119          | 1127        | 1134         | rBV      | 952237         | 1592475       | 14.65%          | 1.220%        |
| 15        | 10.051      | 1210          | 1218        | 1230         | rBV      | 1701710        | 2796483       | 25.73%          | 2.142%        |
| 16        | 10.428      | 1273          | 1282        | 1290         | rBV      | 1845822        | 3071068       | 28.25%          | 2.353%        |
| 17        | 10.557      | 1296          | 1304        | 1317         | rBV      | 1339285        | 2273636       | 20.92%          | 1.742%        |
| 18        | 12.022      | 1548          | 1553        | 1561         | rVB      | 30926          | 54280         | 0.50%           | 0.042%        |
| 19        | 13.210      | 1748          | 1755        | 1759         | rBV      | 17138          | 31629         | 0.29%           | 0.024%        |
| 20        | 13.522      | 1803          | 1808        | 1815         | rBV      | 18620          | 29532         | 0.27%           | 0.023%        |
| 21        | 13.704      | 1832          | 1839        | 1844         | rBV      | 3263022        | 4491002       | 41.32%          | 3.441%        |
| 22        | 13.751      | 1844          | 1847        | 1854         | rVB      | 366544         | 469205        | 4.32%           | 0.359%        |
| 23        | 13.980      | 1878          | 1886        | 1897         | rBV      | 3711093        | 5738469       | 52.79%          | 4.396%        |
| 24        | 14.286      | 1931          | 1938        | 1946         | rBV      | 2945312        | 4423757       | 40.70%          | 3.389%        |
| 25        | 14.375      | 1950          | 1953        | 1959         | rVB7     | 8784           | 12242         | 0.11%           | 0.009%        |
| 26        | 14.486      | 1965          | 1972        | 1988         | rBV      | 1194188        | 1728348       | 15.90%          | 1.324%        |
| 27        | 14.716      | 2007          | 2011        | 2020         | rVB4     | 17816          | 38194         | 0.35%           | 0.029%        |
| 28        | 14.933      | 2044          | 2048        | 2054         | rVB9     | 5631           | 11453         | 0.11%           | 0.009%        |
| 29        | 15.127      | 2076          | 2081        | 2085         | rBV2     | 15484          | 21480         | 0.20%           | 0.016%        |
| 30        | 15.186      | 2085          | 2091        | 2096         | rVB      | 10771          | 17378         | 0.16%           | 0.013%        |
| 31        | 15.286      | 2101          | 2108        | 2116         | rBV      | 5118173        | 7301864       | 67.18%          | 5.594%        |
| 32        | 15.404      | 2122          | 2128        | 2140         | rBV      | 1023995        | 1437652       | 13.23%          | 1.101%        |
| 33        | 15.527      | 2145          | 2149        | 2155         | rVB      | 59586          | 88694         | 0.82%           | 0.068%        |
| 34        | 16.074      | 2239          | 2242        | 2249         | rVB3     | 24531          | 40725         | 0.37%           | 0.031%        |

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Integrator: RTE  
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 Sampling : 1  
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 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\_P\METHODS\SOM-EPA-BP021820MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |          |         |        |
|----|--------|------|------|------|-------|---------|----------|---------|--------|
| 35 | 16.721 | 2344 | 2352 | 2360 | rVB3  | 11462   | 34472    | 0.32%   | 0.026% |
| 36 | 16.827 | 2366 | 2370 | 2379 | rVB3  | 17942   | 44198    | 0.41%   | 0.034% |
| 37 | 17.039 | 2400 | 2406 | 2416 | rVB   | 3890547 | 5578974  | 51.33%  | 4.274% |
| 38 | 17.139 | 2416 | 2423 | 2434 | rVV2  | 5604624 | 7945960  | 73.10%  | 6.087% |
| 39 | 17.245 | 2438 | 2441 | 2451 | rVB10 | 12035   | 20448    | 0.19%   | 0.016% |
| 40 | 17.457 | 2473 | 2477 | 2481 | rBV7  | 14660   | 18327    | 0.17%   | 0.014% |
| 41 | 17.845 | 2539 | 2543 | 2550 | rBV9  | 9631    | 23489    | 0.22%   | 0.018% |
| 42 | 17.916 | 2552 | 2555 | 2558 | rBV5  | 9671    | 10900    | 0.10%   | 0.008% |
| 43 | 17.968 | 2558 | 2564 | 2580 | rBV2  | 711950  | 1293750  | 11.90%  | 0.991% |
| 44 | 18.257 | 2608 | 2613 | 2619 | rVB3  | 38421   | 65602    | 0.60%   | 0.050% |
| 45 | 18.798 | 2702 | 2705 | 2711 | rBV7  | 19180   | 27391    | 0.25%   | 0.021% |
| 46 | 18.868 | 2714 | 2717 | 2722 | rVB4  | 17438   | 21597    | 0.20%   | 0.017% |
| 47 | 19.027 | 2740 | 2744 | 2747 | rBV   | 74258   | 100411   | 0.92%   | 0.077% |
| 48 | 19.057 | 2747 | 2749 | 2752 | rVV   | 23859   | 27505    | 0.25%   | 0.021% |
| 49 | 19.204 | 2770 | 2774 | 2782 | rBV   | 293359  | 445426   | 4.10%   | 0.341% |
| 50 | 19.274 | 2782 | 2786 | 2794 | rVB   | 76904   | 124504   | 1.15%   | 0.095% |
| 51 | 19.386 | 2799 | 2805 | 2811 | rVB   | 7231306 | 9940287  | 91.45%  | 7.615% |
| 52 | 19.910 | 2891 | 2894 | 2898 | rBV4  | 47177   | 62700    | 0.58%   | 0.048% |
| 53 | 19.951 | 2898 | 2901 | 2906 | rVB2  | 35505   | 43721    | 0.40%   | 0.033% |
| 54 | 20.410 | 2976 | 2979 | 2980 | rBV   | 38501   | 39143    | 0.36%   | 0.030% |
| 55 | 20.433 | 2980 | 2983 | 2987 | rVB   | 123668  | 126844   | 1.17%   | 0.097% |
| 56 | 20.533 | 2998 | 3000 | 3006 | rBV2  | 20369   | 37233    | 0.34%   | 0.029% |
| 57 | 20.874 | 3053 | 3058 | 3075 | rBV   | 2444795 | 3383178  | 31.13%  | 2.592% |
| 58 | 21.133 | 3096 | 3102 | 3109 | rBV   | 5606794 | 6996964  | 64.37%  | 5.360% |
| 59 | 21.251 | 3118 | 3122 | 3128 | rVV   | 225116  | 310924   | 2.86%   | 0.238% |
| 60 | 21.315 | 3128 | 3133 | 3139 | rVB   | 1218601 | 1408823  | 12.96%  | 1.079% |
| 61 | 21.745 | 3202 | 3206 | 3219 | rVB   | 2206471 | 2812826  | 25.88%  | 2.155% |
| 62 | 22.209 | 3279 | 3285 | 3295 | rBV   | 2933385 | 4028636  | 37.06%  | 3.086% |
| 63 | 22.333 | 3302 | 3306 | 3314 | rVB   | 419896  | 565672   | 5.20%   | 0.433% |
| 64 | 22.715 | 3366 | 3371 | 3388 | rVB   | 3026839 | 4638436  | 42.67%  | 3.553% |
| 65 | 23.068 | 3428 | 3431 | 3438 | rVB3  | 89447   | 131359   | 1.21%   | 0.101% |
| 66 | 23.209 | 3447 | 3455 | 3462 | rBV   | 5934959 | 10869500 | 100.00% | 8.327% |
| 67 | 23.292 | 3462 | 3469 | 3473 | rVV   | 2680349 | 4608355  | 42.40%  | 3.530% |
| 68 | 23.345 | 3473 | 3478 | 3491 | rVB2  | 3792796 | 7256729  | 66.76%  | 5.559% |
| 69 | 23.939 | 3572 | 3579 | 3586 | rBV   | 2068467 | 3930601  | 36.16%  | 3.011% |
| 70 | 24.015 | 3586 | 3592 | 3605 | rVB   | 421905  | 948942   | 8.73%   | 0.727% |
| 71 | 24.698 | 3700 | 3708 | 3717 | rVB   | 1084985 | 2490598  | 22.91%  | 1.908% |

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ClientSampleId :  
DBCZ7

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\_P\METHODS\SOM-EPA-BP021820MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |        |         |       |        |
|----|--------|------|------|------|-----|--------|---------|-------|--------|
| 72 | 25.574 | 3850 | 3857 | 3866 | rBV | 435147 | 1084013 | 9.97% | 0.830% |
|----|--------|------|------|------|-----|--------|---------|-------|--------|

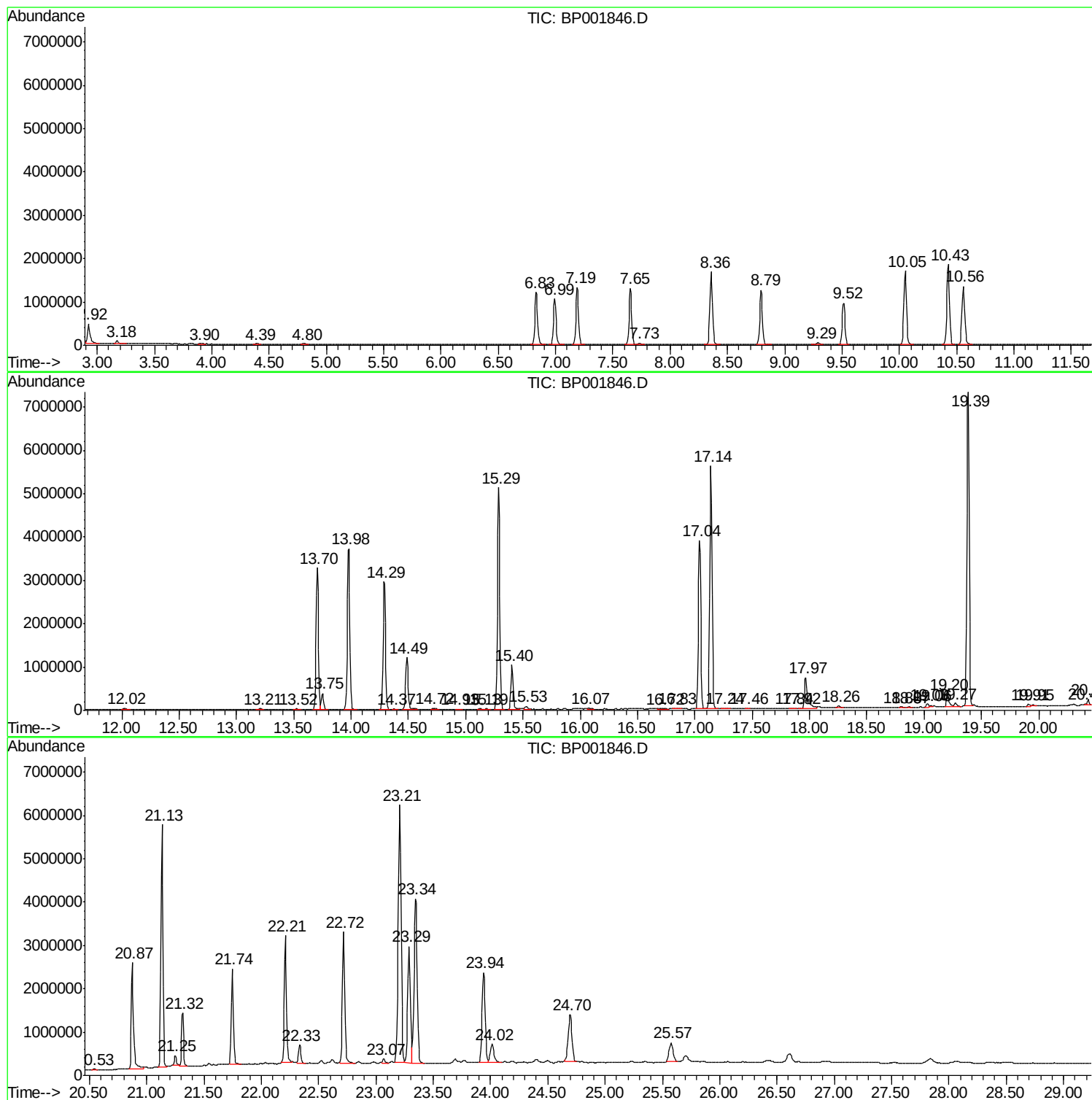
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

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



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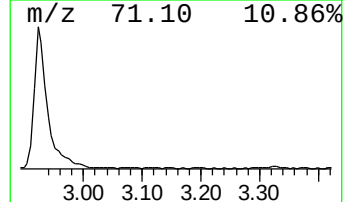
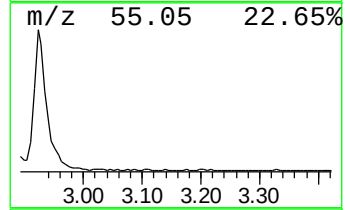
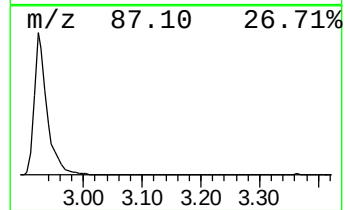
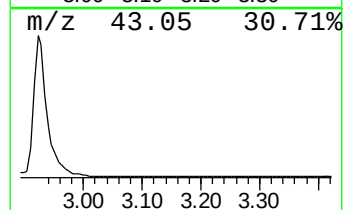
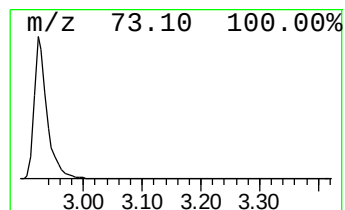
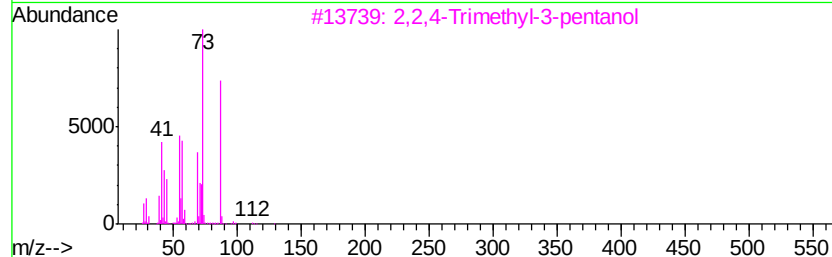
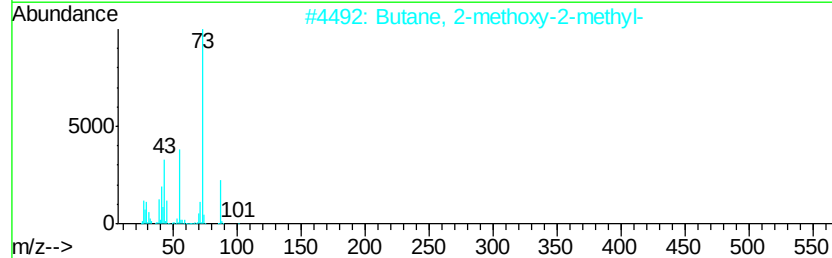
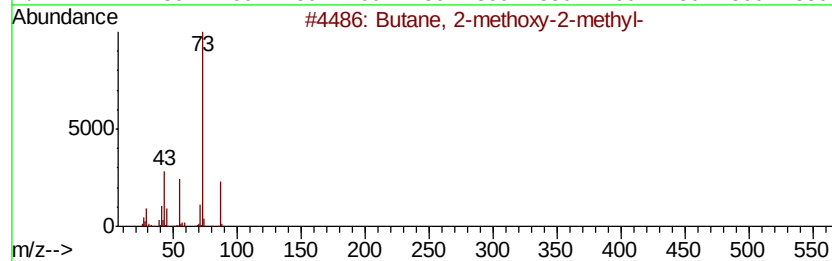
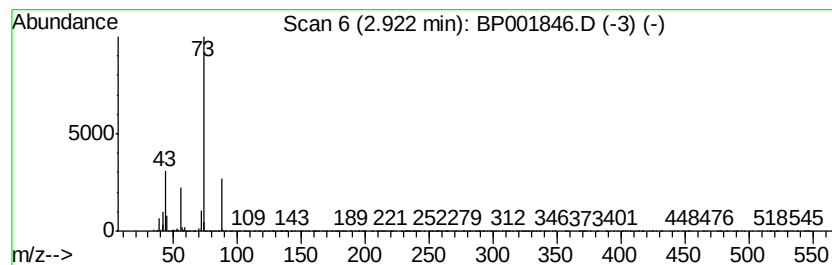
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.92 | 6.86 ng/ul | 697530 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Quant Title : SVOA CALIBRATION

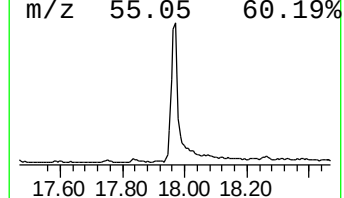
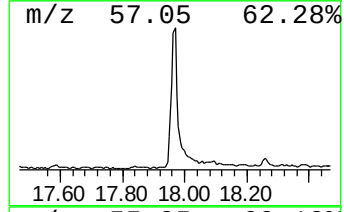
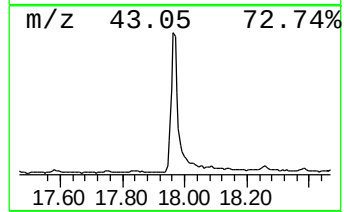
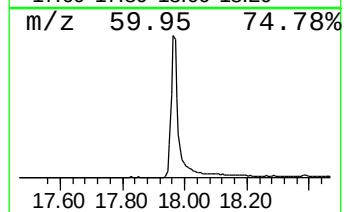
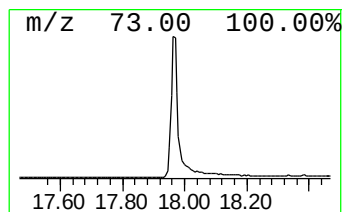
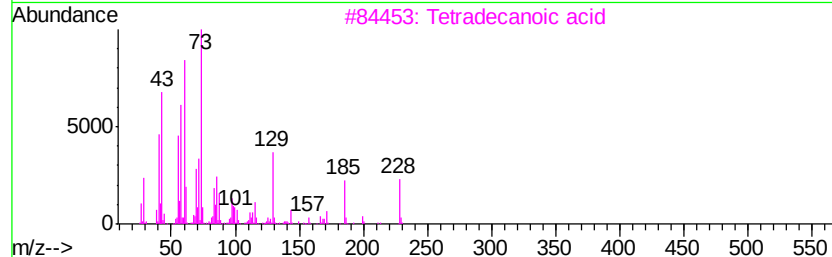
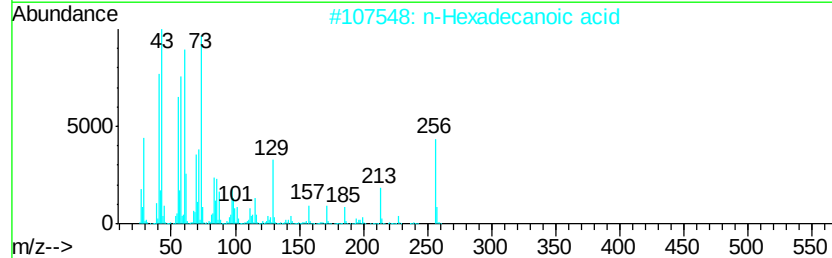
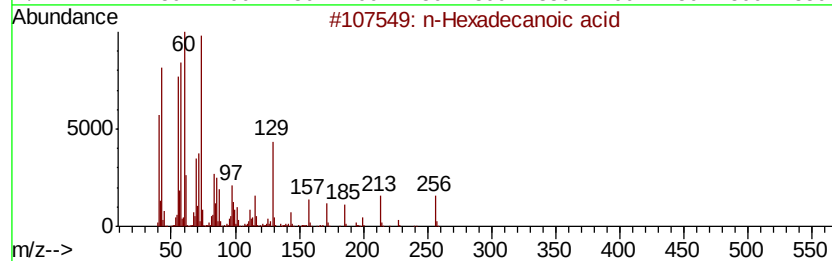
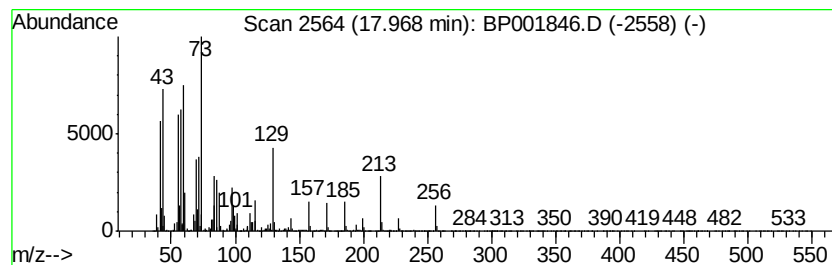
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 17.97 | 4.64 ng/ul | 1293750 | Phenanthrene-d10 | 17.04 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 5    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |



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Quant Title : SVOA CALIBRATION

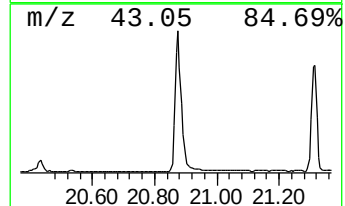
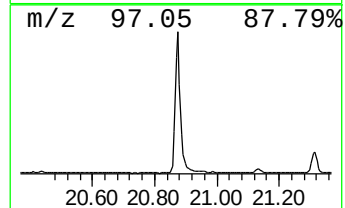
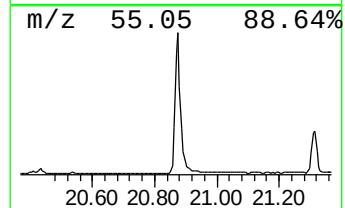
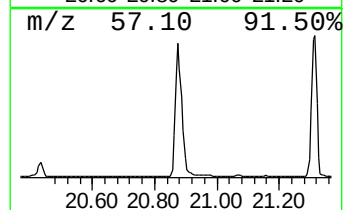
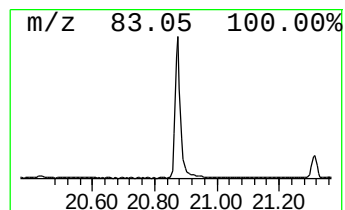
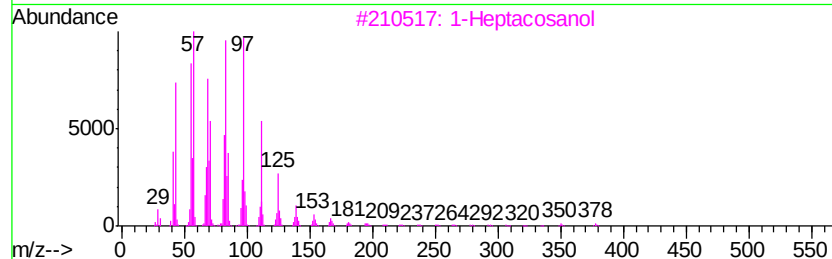
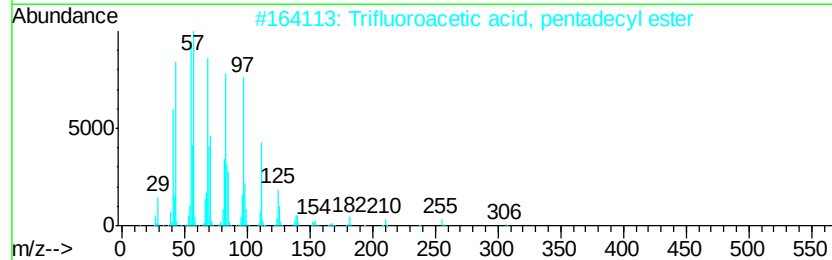
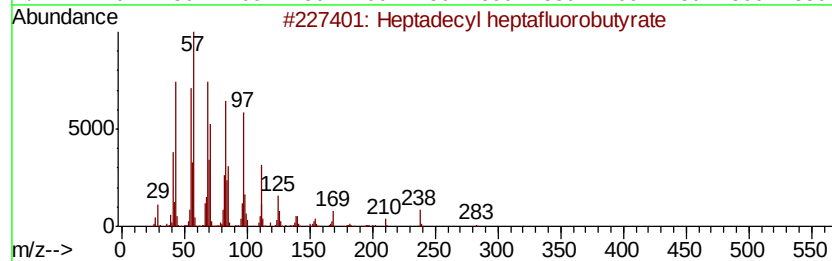
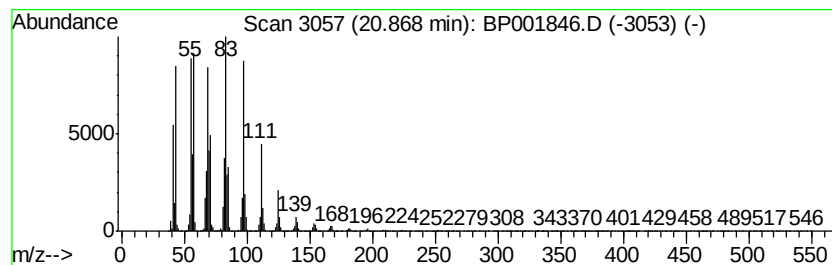
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.87 | 9.67 ng/ul | 3383180 | Chrysene-d12     | 21.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6 | 94   |
| 2    |    | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94   |
| 3    |    | 1-Heptacosanol                      | 396 | C27H56O    | 002004-39-9 | 94   |
| 4    |    | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 94   |
| 5    |    | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

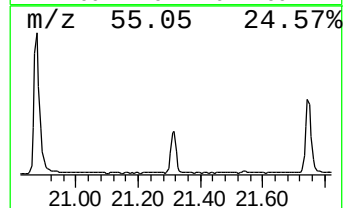
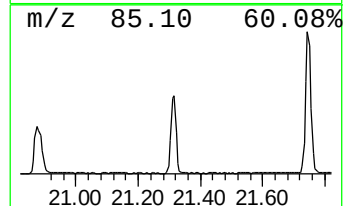
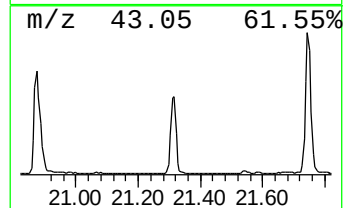
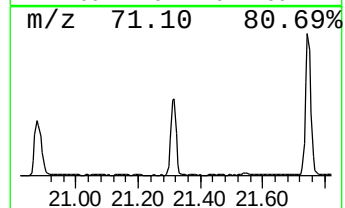
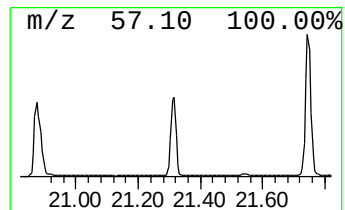
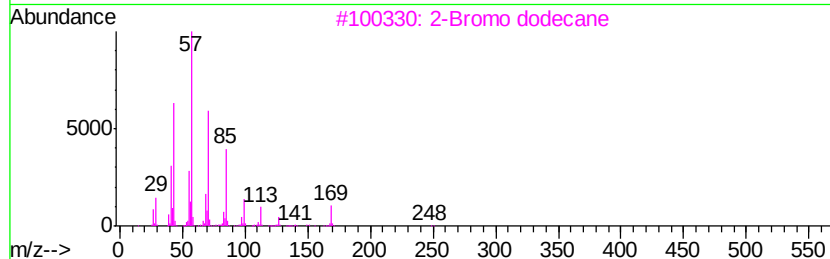
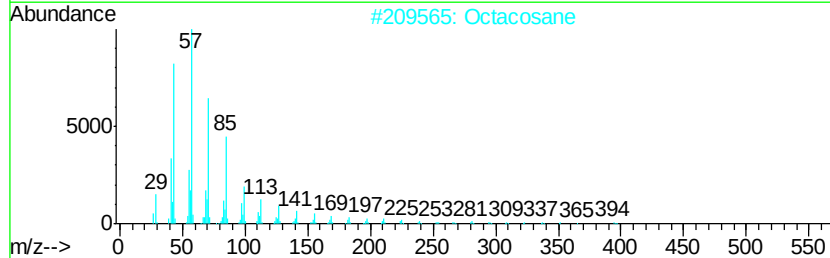
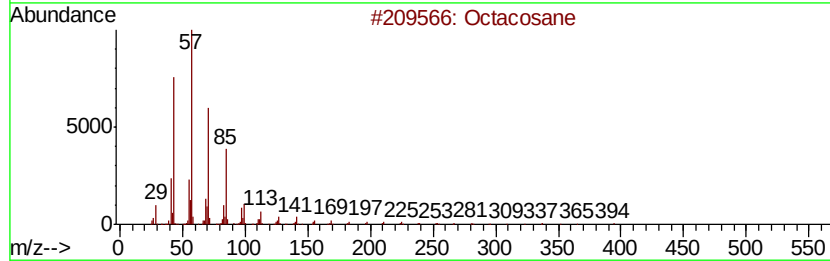
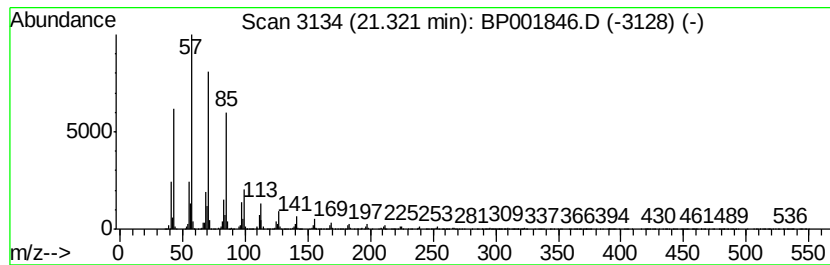
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.32 | 4.03 ng/ul | 1408820 | Chrysene-d12     | 21.13 |

| Hit# | of | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------|-----|----------|-------------|------|
| 1    | 5  | Octacosane       | 394 | C28H58   | 000630-02-4 | 99   |
| 2    |    | Octacosane       | 394 | C28H58   | 000630-02-4 | 98   |
| 3    |    | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 94   |
| 4    |    | Hexacosane       | 366 | C26H54   | 000630-01-3 | 94   |
| 5    |    | Tetracosane      | 338 | C24H50   | 000646-31-1 | 94   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

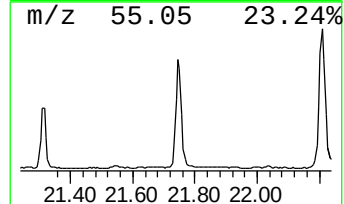
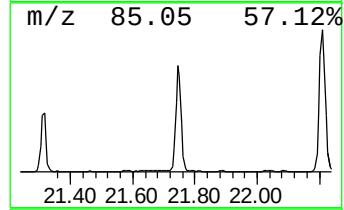
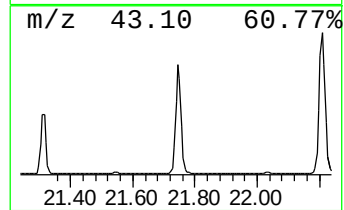
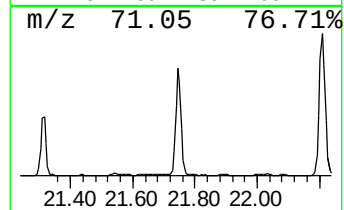
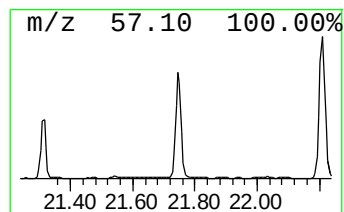
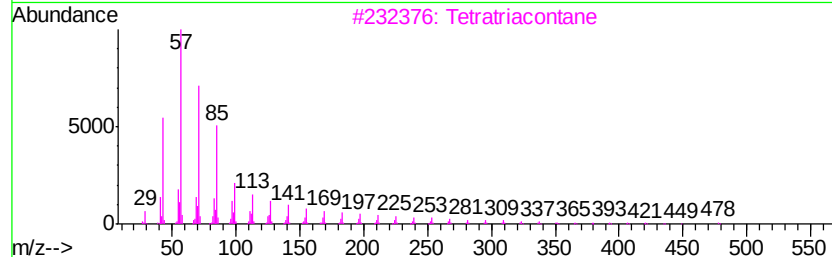
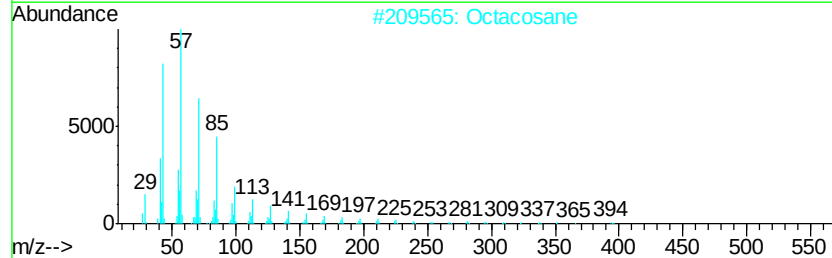
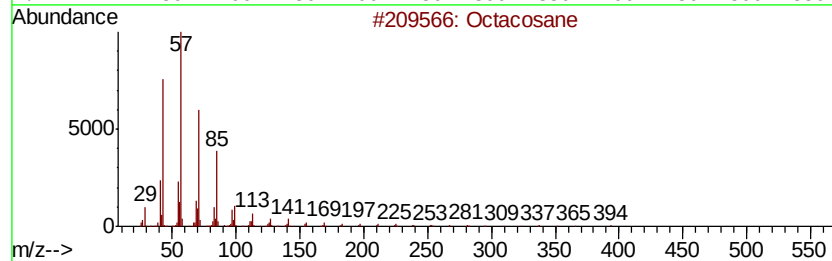
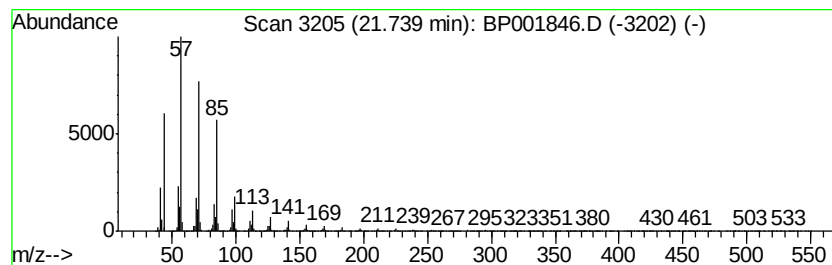
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.74 | 8.04 ng/ul | 2812830 | Chrysene-d12     | 21.13 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Octacosane            | 394 | C28H58  | 000630-02-4  | 98   |
| 2    |    | Octacosane            | 394 | C28H58  | 000630-02-4  | 96   |
| 3    |    | Tetratriacontane      | 479 | C34H70  | 014167-59-0  | 92   |
| 4    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

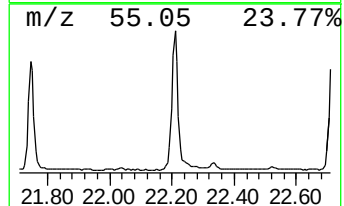
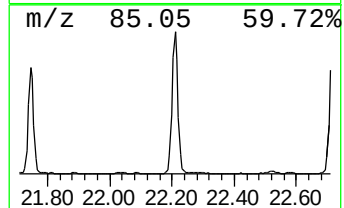
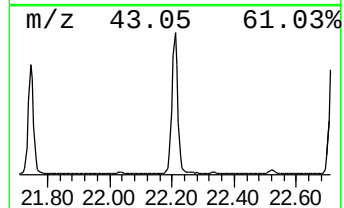
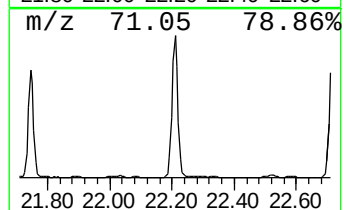
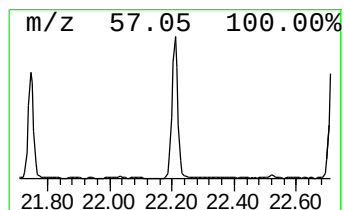
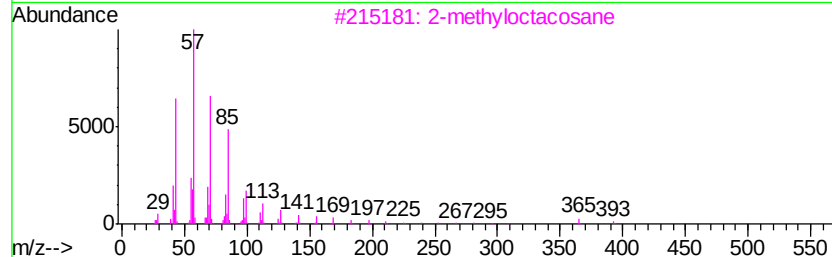
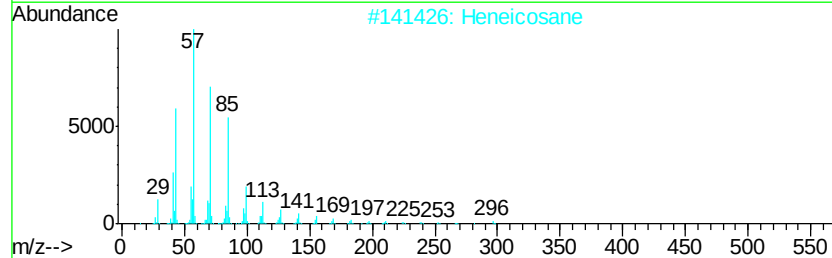
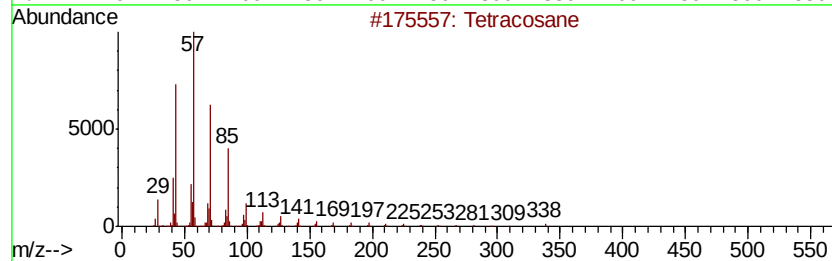
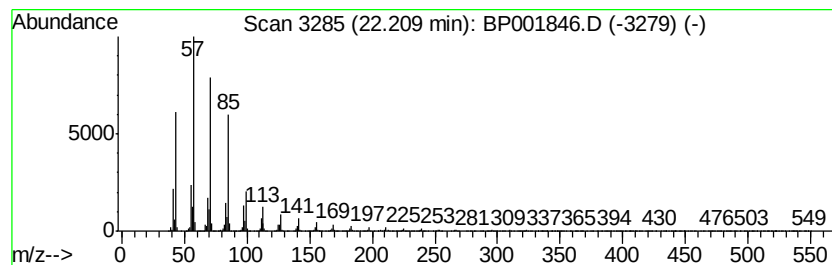
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 22.21 | 11.52 ng/ul | 4028640 | Chrysene-d12     | 21.13 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Tetracosane        | 338 | C24H50  | 000646-31-1  | 94   |
| 2    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 5    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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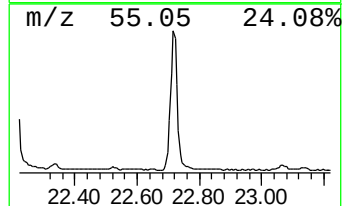
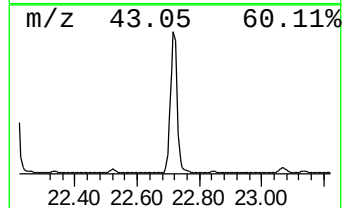
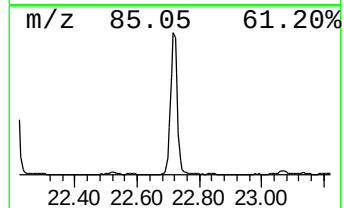
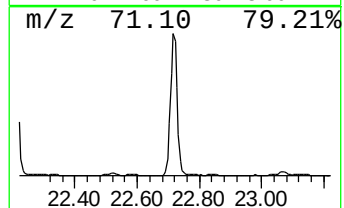
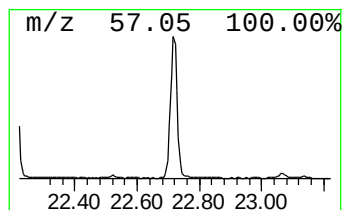
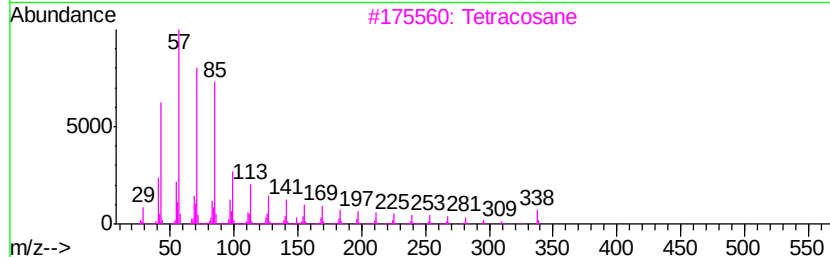
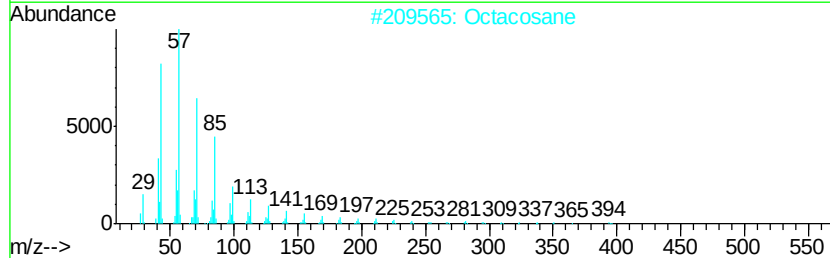
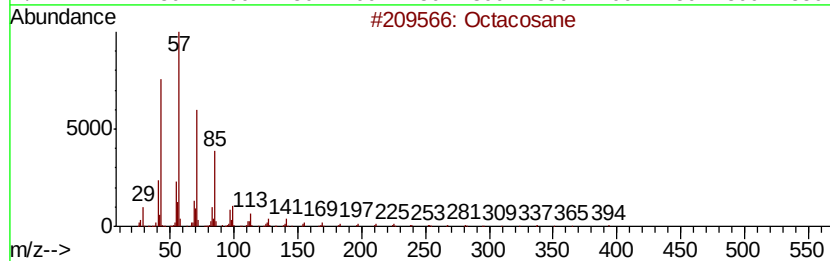
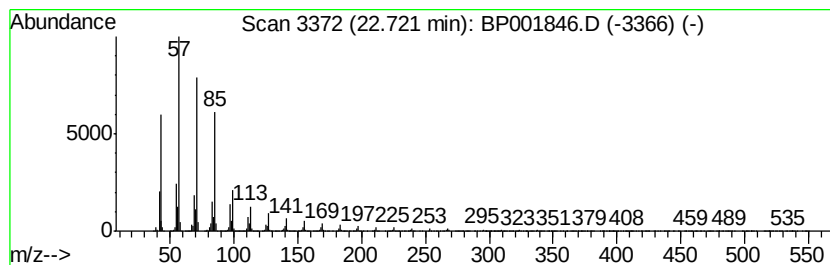
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 22.72 | 12.78 ng/ul | 4638440 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane   | 394 | C28H58  | 000630-02-4 | 99   |
| 2    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 97   |
| 3    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 95   |
| 4    |    | Nonadecane   | 268 | C19H40  | 000629-92-5 | 94   |
| 5    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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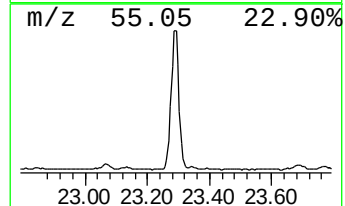
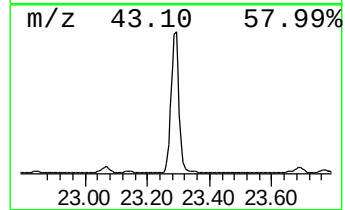
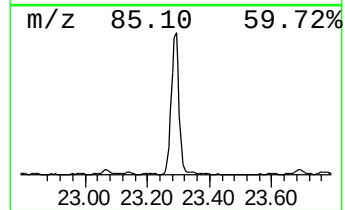
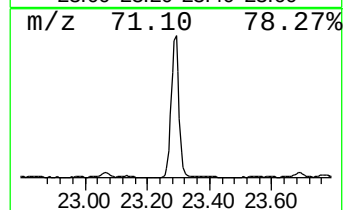
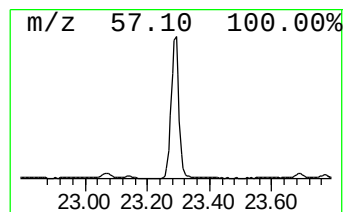
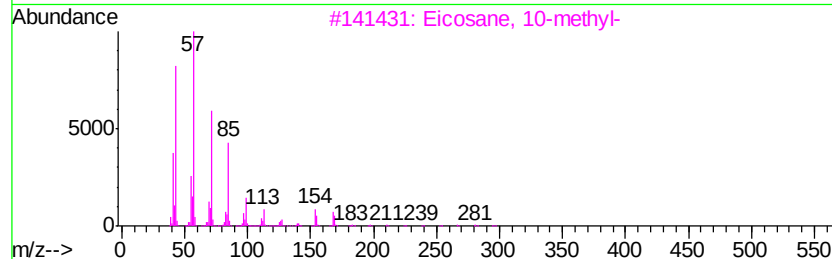
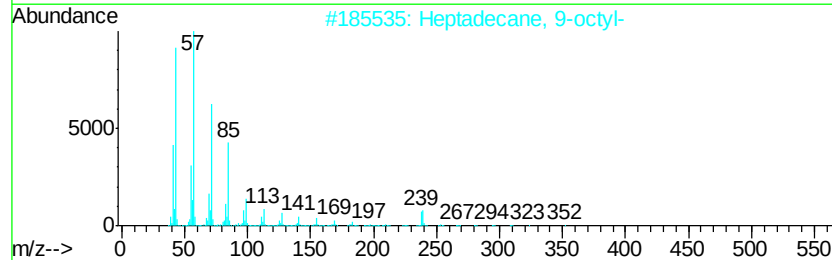
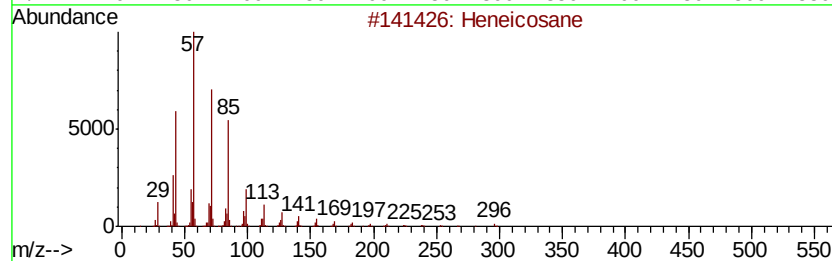
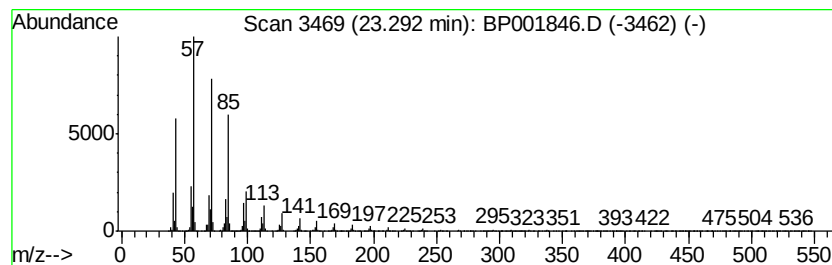
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 23.29 | 12.70 ng/ul | 4608360 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7 | 97   |
| 2    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 95   |
| 3    |    | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 91   |
| 4    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCZ7

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Quant Title : SVOA CALIBRATION

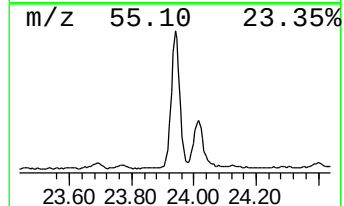
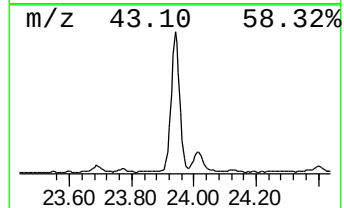
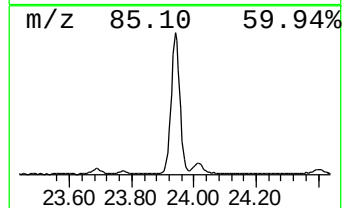
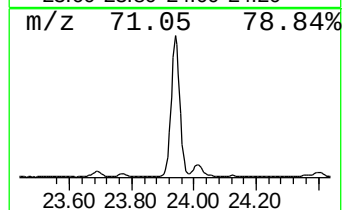
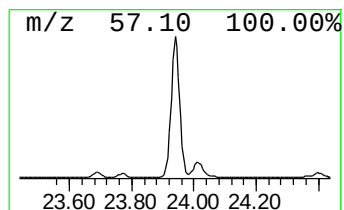
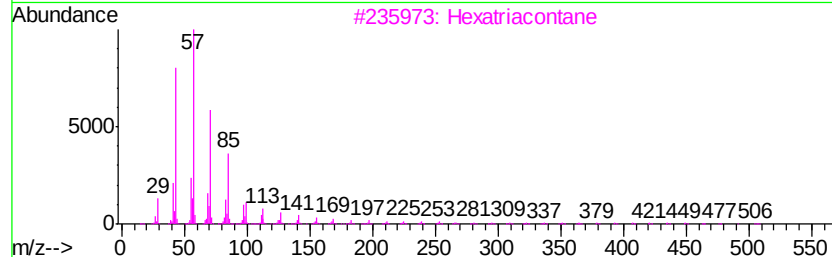
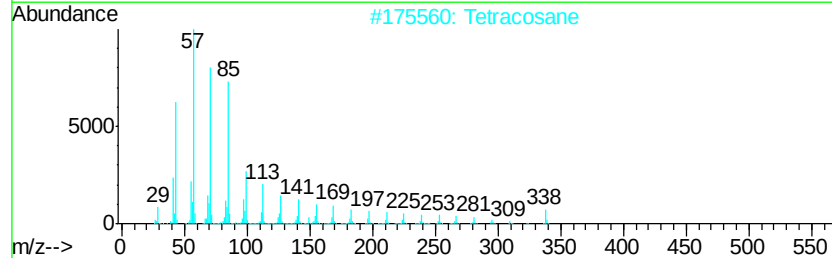
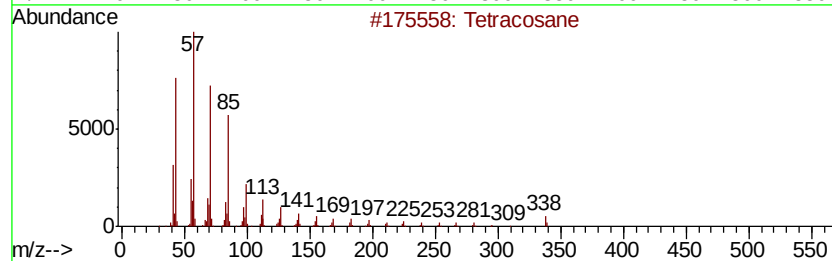
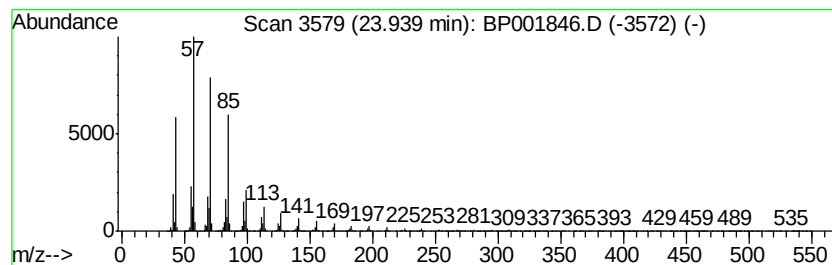
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 23.94 | 10.83 ng/ul | 3930600 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Tetracosane        | 338 | C24H50  | 000646-31-1  | 97   |
| 2    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 94   |
| 3    |    | Hexatriacontane    | 507 | C36H74  | 000630-06-8  | 93   |
| 4    |    | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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

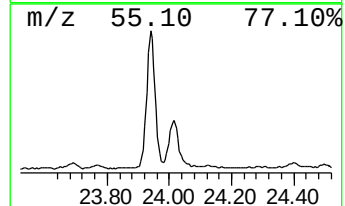
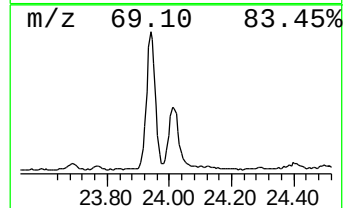
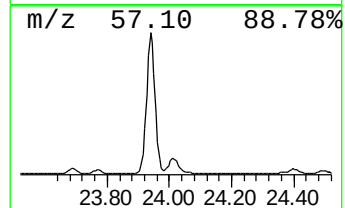
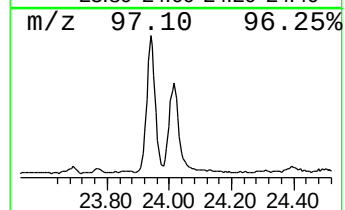
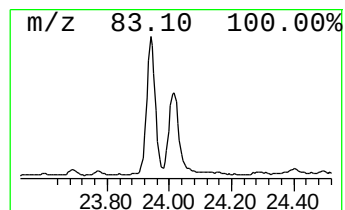
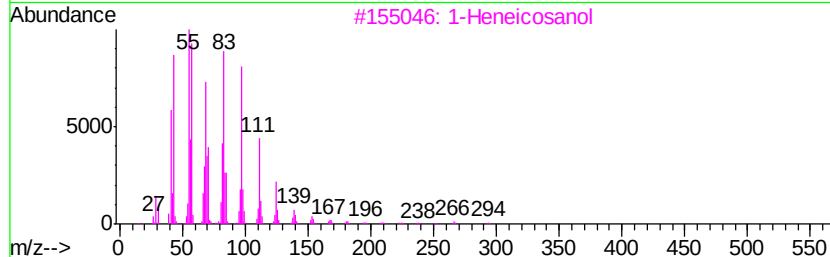
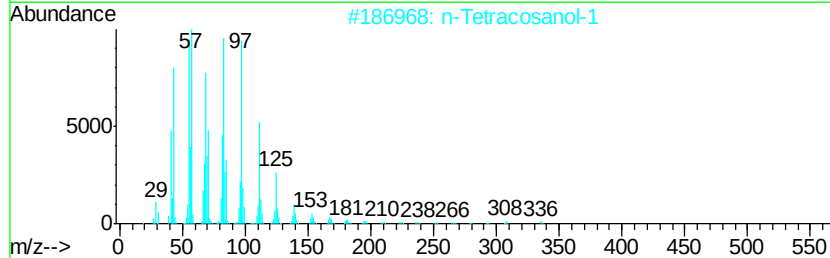
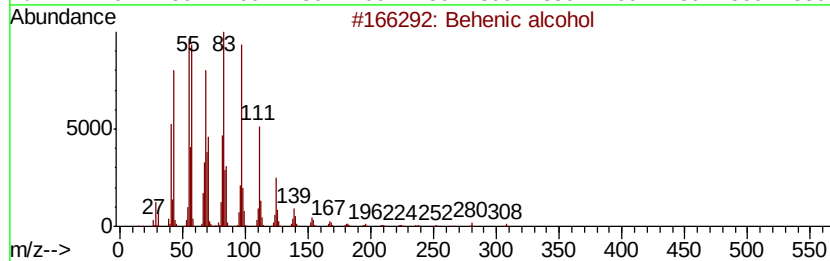
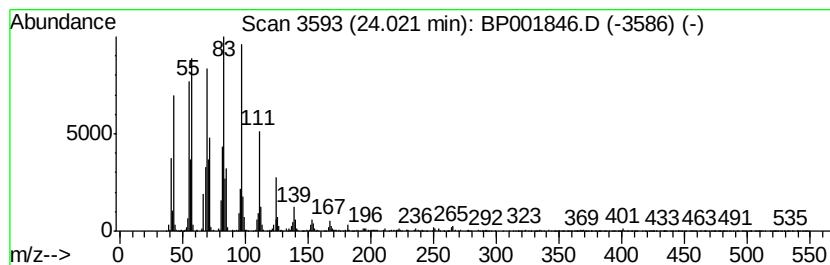
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Behenic alcohol Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.02 | 2.62 ng/ul | 948942 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID       | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------|-----|----------|--------------|------|
| 1    | 5  | Behenic alcohol    | 326 | C22H46O  | 000661-19-8  | 95   |
| 2    |    | n-Tetracosanol-1   | 354 | C24H50O  | 000506-51-4  | 95   |
| 3    |    | 1-Heneicosanol     | 312 | C21H44O  | 015594-90-8  | 91   |
| 4    |    | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 90   |
| 5    |    | 1-Hexacosanol      | 382 | C26H54O  | 000506-52-5  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

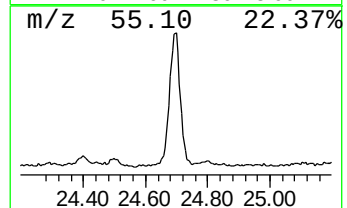
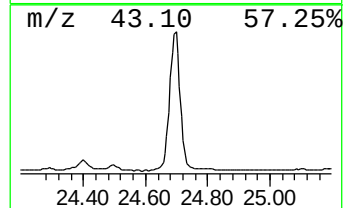
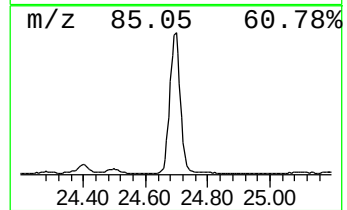
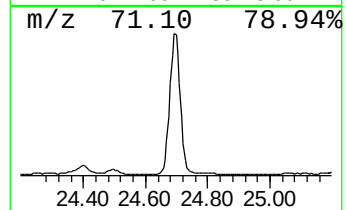
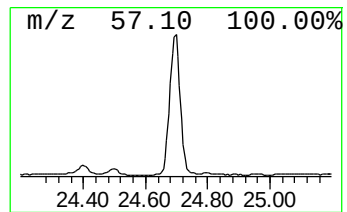
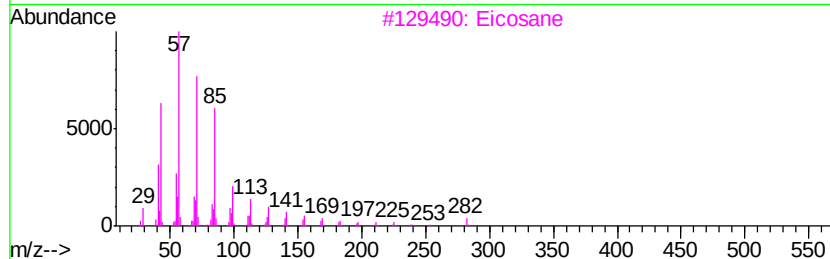
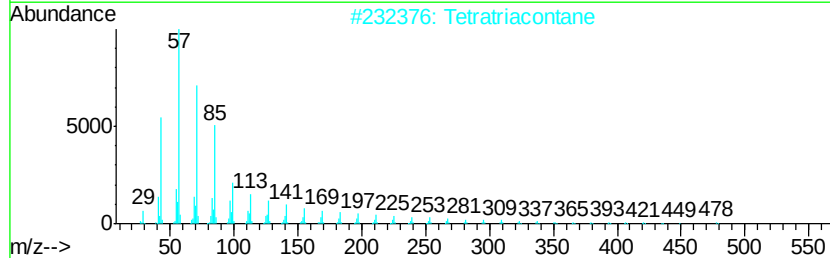
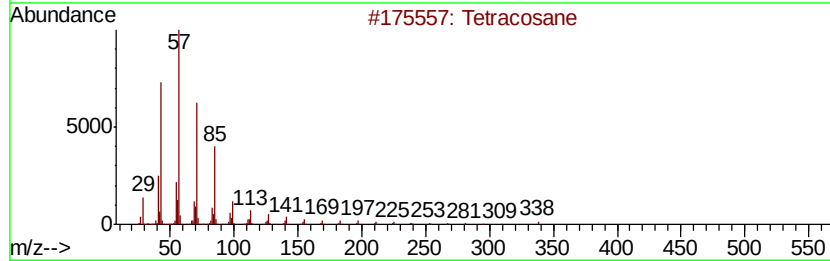
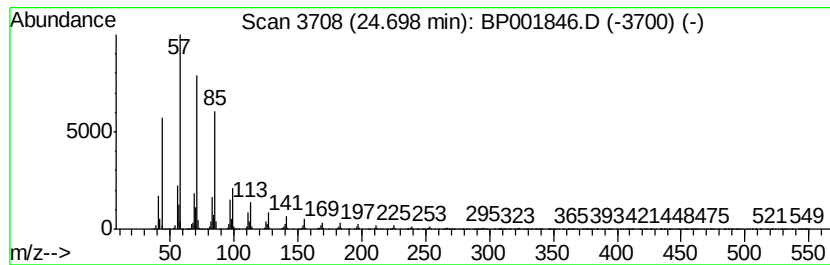
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.70 | 6.86 ng/ul | 2490600 | Perylene-d12     | 23.34 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 96   |
| 2    |    |   | Tetratriacontane      | 479 | C34H70  | 014167-59-0 | 95   |
| 3    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 95   |
| 4    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 93   |
| 5    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

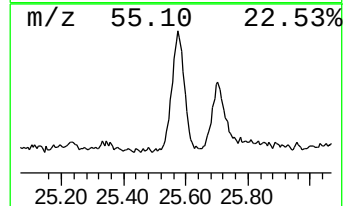
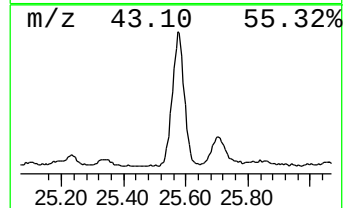
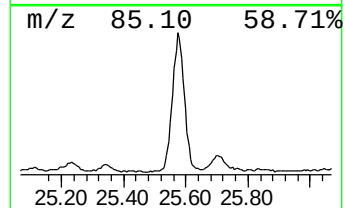
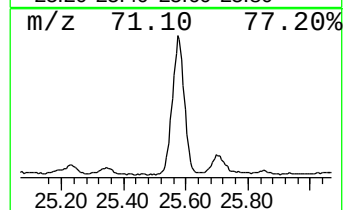
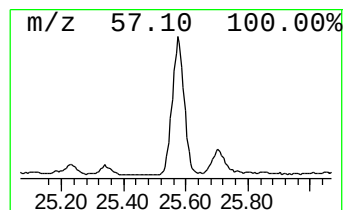
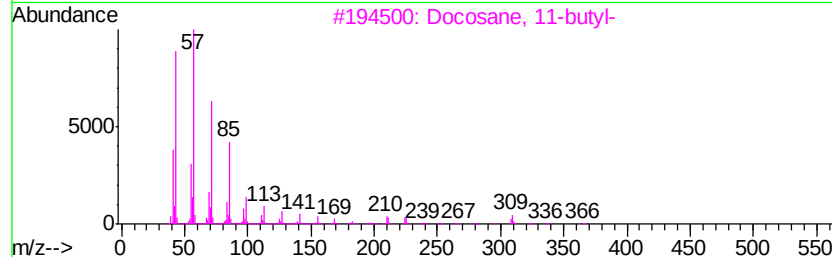
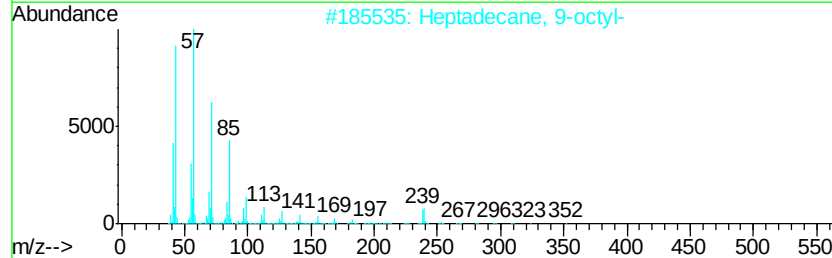
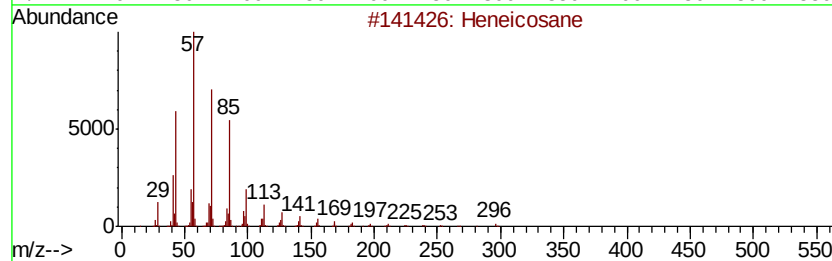
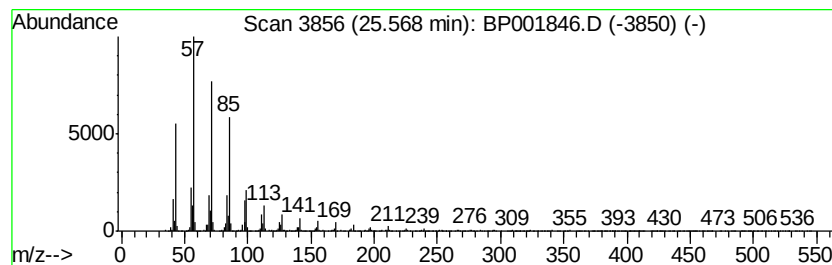
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 25.57 | 2.99 ng/ul | 1084010 | Perylene-d12     | 23.34 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7  | 97   |
| 2    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 93   |
| 3    |    |   | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8  | 93   |
| 4    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 5    |    |   | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP022120\  
Data File : BP001846.D  
Acq On : 22 Feb 2020 04:36  
Operator : CG/JU  
Sample : L1506-19  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.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 |
| Butane, 2-methoxy... | 2.92  | 6.9     | ng/ul | 697530   | 1                     | 7.65  | 2032770 | 20.0 |
| n-Hexadecanoic acid  | 17.97 | 4.6     | ng/ul | 1293750  | 4                     | 17.04 | 5578970 | 20.0 |
| Heptadecyl heptaf... | 20.87 | 9.7     | ng/ul | 3383180  | 5                     | 21.13 | 6996960 | 20.0 |
| (DEL) Alkane: Str... | 21.32 | 4.0     | ng/ul | 1408820  | 5                     | 21.13 | 6996960 | 20.0 |
| (DEL) Alkane: Str... | 21.74 | 8.0     | ng/ul | 2812830  | 5                     | 21.13 | 6996960 | 20.0 |
| (DEL) Alkane: Str... | 22.21 | 11.5    | ng/ul | 4028640  | 5                     | 21.13 | 6996960 | 20.0 |
| (DEL) Alkane: Str... | 22.72 | 12.8    | ng/ul | 4638440  | 6                     | 23.34 | 7256730 | 20.0 |
| (DEL) Alkane: Str... | 23.29 | 12.7    | ng/ul | 4608360  | 6                     | 23.34 | 7256730 | 20.0 |
| (DEL) Alkane: Str... | 23.94 | 10.8    | ng/ul | 3930600  | 6                     | 23.34 | 7256730 | 20.0 |
| Behenic alcohol      | 24.02 | 2.6     | ng/ul | 948942   | 6                     | 23.34 | 7256730 | 20.0 |
| (DEL) Alkane: Str... | 24.70 | 6.9     | ng/ul | 2490600  | 6                     | 23.34 | 7256730 | 20.0 |
| (DEL) Alkane: Str... | 25.57 | 3.0     | ng/ul | 1084010  | 6                     | 23.34 | 7256730 | 20.0 |