

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
 Data File : BN009848.D  
 Acq On : 22 Feb 2020 16:34  
 Operator : CG/JU  
 Sample : L1516-10  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBD28

## 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      | 37784          | 53147         | 1.92%           | 0.143%        |
| 2         | 3.634       | 106           | 110         | 114          | rBV7     | 2685           | 4541          | 0.16%           | 0.012%        |
| 3         | 3.716       | 122           | 124         | 129          | rVB3     | 4826           | 6267          | 0.23%           | 0.017%        |
| 4         | 3.940       | 156           | 162         | 164          | rBV7     | 5124           | 7728          | 0.28%           | 0.021%        |
| 5         | 4.599       | 271           | 274         | 280          | rVB5     | 8857           | 12864         | 0.46%           | 0.035%        |
| 6         | 6.593       | 606           | 613         | 629          | rBV      | 645939         | 1069831       | 38.62%          | 2.873%        |
| 7         | 6.746       | 634           | 639         | 655          | rVB      | 465157         | 729615        | 26.34%          | 1.959%        |
| 8         | 6.934       | 664           | 671         | 686          | rVB      | 626327         | 1026269       | 37.05%          | 2.756%        |
| 9         | 7.387       | 742           | 748         | 760          | rVB      | 516873         | 821709        | 29.66%          | 2.206%        |
| 10        | 7.481       | 760           | 764         | 771          | rBV6     | 6915           | 11948         | 0.43%           | 0.032%        |
| 11        | 8.104       | 864           | 870         | 887          | rVB      | 719039         | 1183765       | 42.73%          | 3.178%        |
| 12        | 8.534       | 936           | 943         | 954          | rBV      | 621478         | 1032657       | 37.28%          | 2.773%        |
| 13        | 8.710       | 971           | 973         | 975          | rBV3     | 3829           | 3652          | 0.13%           | 0.010%        |
| 14        | 8.975       | 1013          | 1018        | 1023         | rVB2     | 10257          | 15642         | 0.56%           | 0.042%        |
| 15        | 9.246       | 1057          | 1064        | 1071         | rBV      | 510884         | 850039        | 30.69%          | 2.282%        |
| 16        | 9.775       | 1147          | 1154        | 1171         | rBV      | 668409         | 1192275       | 43.04%          | 3.201%        |
| 17        | 10.134      | 1208          | 1215        | 1224         | rBV      | 704321         | 1151613       | 41.57%          | 3.092%        |
| 18        | 10.293      | 1235          | 1242        | 1256         | rBV      | 551972         | 1142635       | 41.25%          | 3.068%        |
| 19        | 11.757      | 1486          | 1491        | 1500         | rVB3     | 6993           | 14017         | 0.51%           | 0.038%        |
| 20        | 12.640      | 1634          | 1641        | 1644         | rBV5     | 1857           | 3066          | 0.11%           | 0.008%        |
| 21        | 12.869      | 1675          | 1680        | 1684         | rBV4     | 3136           | 4793          | 0.17%           | 0.013%        |
| 22        | 12.945      | 1689          | 1693        | 1699         | rVB5     | 7156           | 10992         | 0.40%           | 0.030%        |
| 23        | 13.340      | 1756          | 1760        | 1762         | rBV3     | 2734           | 3205          | 0.12%           | 0.009%        |
| 24        | 13.457      | 1774          | 1780        | 1785         | rBV      | 1159501        | 1658211       | 59.86%          | 4.452%        |
| 25        | 13.504      | 1785          | 1788        | 1798         | rVB      | 99188          | 146607        | 5.29%           | 0.394%        |
| 26        | 13.716      | 1817          | 1824        | 1836         | rBV      | 1395436        | 1956797       | 70.64%          | 5.254%        |
| 27        | 13.969      | 1862          | 1867        | 1869         | rBV4     | 3396           | 4401          | 0.16%           | 0.012%        |
| 28        | 14.028      | 1871          | 1877        | 1887         | rVB      | 1002241        | 1458119       | 52.64%          | 3.915%        |
| 29        | 14.275      | 1913          | 1919        | 1939         | rBV      | 363892         | 763013        | 27.55%          | 2.049%        |
| 30        | 14.487      | 1949          | 1955        | 1959         | rBV6     | 8645           | 13393         | 0.48%           | 0.036%        |
| 31        | 14.863      | 2016          | 2019        | 2021         | rBV3     | 5052           | 4710          | 0.17%           | 0.013%        |
| 32        | 14.922      | 2024          | 2029        | 2032         | rBV4     | 5469           | 7008          | 0.25%           | 0.019%        |
| 33        | 15.034      | 2042          | 2048        | 2058         | rBV      | 1680209        | 2373303       | 85.68%          | 6.372%        |
| 34        | 15.192      | 2069          | 2075        | 2086         | rBV      | 492734         | 804404        | 29.04%          | 2.160%        |

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

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 15.275 | 2086 | 2089 | 2094 | rVV3 | 19985   | 27682   | 1.00%   | 0.074% |
| 36 | 15.710 | 2159 | 2163 | 2166 | rBV3 | 1701    | 3147    | 0.11%   | 0.008% |
| 37 | 15.792 | 2173 | 2177 | 2179 | rBV3 | 4304    | 6561    | 0.24%   | 0.018% |
| 38 | 15.822 | 2180 | 2182 | 2188 | rVB4 | 4950    | 6433    | 0.23%   | 0.017% |
| 39 | 16.445 | 2284 | 2288 | 2290 | rBV3 | 2403    | 3882    | 0.14%   | 0.010% |
| 40 | 16.581 | 2308 | 2311 | 2316 | rVB4 | 5473    | 7635    | 0.28%   | 0.021% |
| 41 | 16.786 | 2340 | 2346 | 2355 | rVV  | 1278672 | 1684788 | 60.82%  | 4.524% |
| 42 | 16.886 | 2357 | 2363 | 2379 | rVV  | 1784950 | 2465099 | 88.99%  | 6.619% |
| 43 | 17.022 | 2382 | 2386 | 2387 | rVV3 | 4799    | 6774    | 0.24%   | 0.018% |
| 44 | 17.204 | 2413 | 2417 | 2424 | rVB2 | 17494   | 23620   | 0.85%   | 0.063% |
| 45 | 17.651 | 2489 | 2493 | 2499 | rVB4 | 5986    | 10560   | 0.38%   | 0.028% |
| 46 | 17.716 | 2499 | 2504 | 2513 | rBV  | 190283  | 322110  | 11.63%  | 0.865% |
| 47 | 17.780 | 2513 | 2515 | 2517 | rVB2 | 7818    | 6393    | 0.23%   | 0.017% |
| 48 | 17.904 | 2534 | 2536 | 2541 | rVB5 | 4301    | 6248    | 0.23%   | 0.017% |
| 49 | 17.945 | 2541 | 2543 | 2545 | rBV3 | 2995    | 3592    | 0.13%   | 0.010% |
| 50 | 17.992 | 2548 | 2551 | 2552 | rBV2 | 6291    | 5744    | 0.21%   | 0.015% |
| 51 | 18.116 | 2570 | 2572 | 2575 | rVV4 | 3738    | 4205    | 0.15%   | 0.011% |
| 52 | 18.145 | 2575 | 2577 | 2581 | rVB4 | 9333    | 10769   | 0.39%   | 0.029% |
| 53 | 18.398 | 2617 | 2620 | 2622 | rBV2 | 3690    | 4384    | 0.16%   | 0.012% |
| 54 | 18.522 | 2638 | 2641 | 2643 | rBV4 | 4044    | 4227    | 0.15%   | 0.011% |
| 55 | 18.586 | 2648 | 2652 | 2654 | rBV4 | 9944    | 10670   | 0.39%   | 0.029% |
| 56 | 18.657 | 2661 | 2664 | 2669 | rVB6 | 5758    | 8724    | 0.31%   | 0.023% |
| 57 | 18.827 | 2690 | 2693 | 2697 | rBV  | 16145   | 19572   | 0.71%   | 0.053% |
| 58 | 18.875 | 2697 | 2701 | 2702 | rBV4 | 5411    | 5981    | 0.22%   | 0.016% |
| 59 | 19.016 | 2720 | 2725 | 2732 | rBV4 | 33420   | 57505   | 2.08%   | 0.154% |
| 60 | 19.080 | 2733 | 2736 | 2741 | rVB2 | 15245   | 20567   | 0.74%   | 0.055% |
| 61 | 19.192 | 2749 | 2755 | 2762 | rBV2 | 2094824 | 2770030 | 100.00% | 7.438% |
| 62 | 19.286 | 2768 | 2771 | 2776 | rVB6 | 10688   | 11905   | 0.43%   | 0.032% |
| 63 | 19.751 | 2847 | 2850 | 2854 | rBV3 | 23214   | 26890   | 0.97%   | 0.072% |
| 64 | 19.786 | 2854 | 2856 | 2860 | rVB3 | 11834   | 13266   | 0.48%   | 0.036% |
| 65 | 20.286 | 2935 | 2941 | 2944 | rBV4 | 24167   | 33559   | 1.21%   | 0.090% |
| 66 | 20.392 | 2957 | 2959 | 2963 | rBV4 | 8439    | 11241   | 0.41%   | 0.030% |
| 67 | 20.704 | 3006 | 3012 | 3015 | rBV  | 44670   | 90014   | 3.25%   | 0.242% |
| 68 | 20.745 | 3015 | 3019 | 3026 | rVV2 | 1014608 | 1257946 | 45.41%  | 3.378% |
| 69 | 20.804 | 3026 | 3029 | 3036 | rVV  | 194775  | 273380  | 9.87%   | 0.734% |
| 70 | 20.874 | 3039 | 3041 | 3043 | rVB2 | 18836   | 15197   | 0.55%   | 0.041% |
| 71 | 21.004 | 3058 | 3063 | 3072 | rBV2 | 1408540 | 1793146 | 64.73%  | 4.815% |

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## Integration Parameters: LSCINT.P

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 21.192 | 3091 | 3095 | 3101 | rBV  | 126756  | 142137  | 5.13%  | 0.382% |
| 73 | 21.610 | 3162 | 3166 | 3173 | rBV2 | 189883  | 273505  | 9.87%  | 0.734% |
| 74 | 22.039 | 3236 | 3239 | 3244 | rBV  | 202806  | 249000  | 8.99%  | 0.669% |
| 75 | 22.157 | 3256 | 3259 | 3263 | rVB  | 74730   | 76275   | 2.75%  | 0.205% |
| 76 | 22.510 | 3315 | 3319 | 3323 | rBV  | 239645  | 306421  | 11.06% | 0.823% |
| 77 | 22.974 | 3392 | 3398 | 3403 | rBV  | 1614874 | 2618214 | 94.52% | 7.030% |
| 78 | 23.027 | 3403 | 3407 | 3413 | rVV  | 209546  | 328868  | 11.87% | 0.883% |
| 79 | 23.104 | 3414 | 3420 | 3429 | rVB  | 1058596 | 1801464 | 65.03% | 4.837% |
| 80 | 23.610 | 3502 | 3506 | 3512 | rVB  | 175380  | 259902  | 9.38%  | 0.698% |
| 81 | 23.680 | 3513 | 3518 | 3527 | rVB2 | 230839  | 427578  | 15.44% | 1.148% |
| 82 | 24.274 | 3615 | 3619 | 3627 | rVB2 | 102926  | 184465  | 6.66%  | 0.495% |

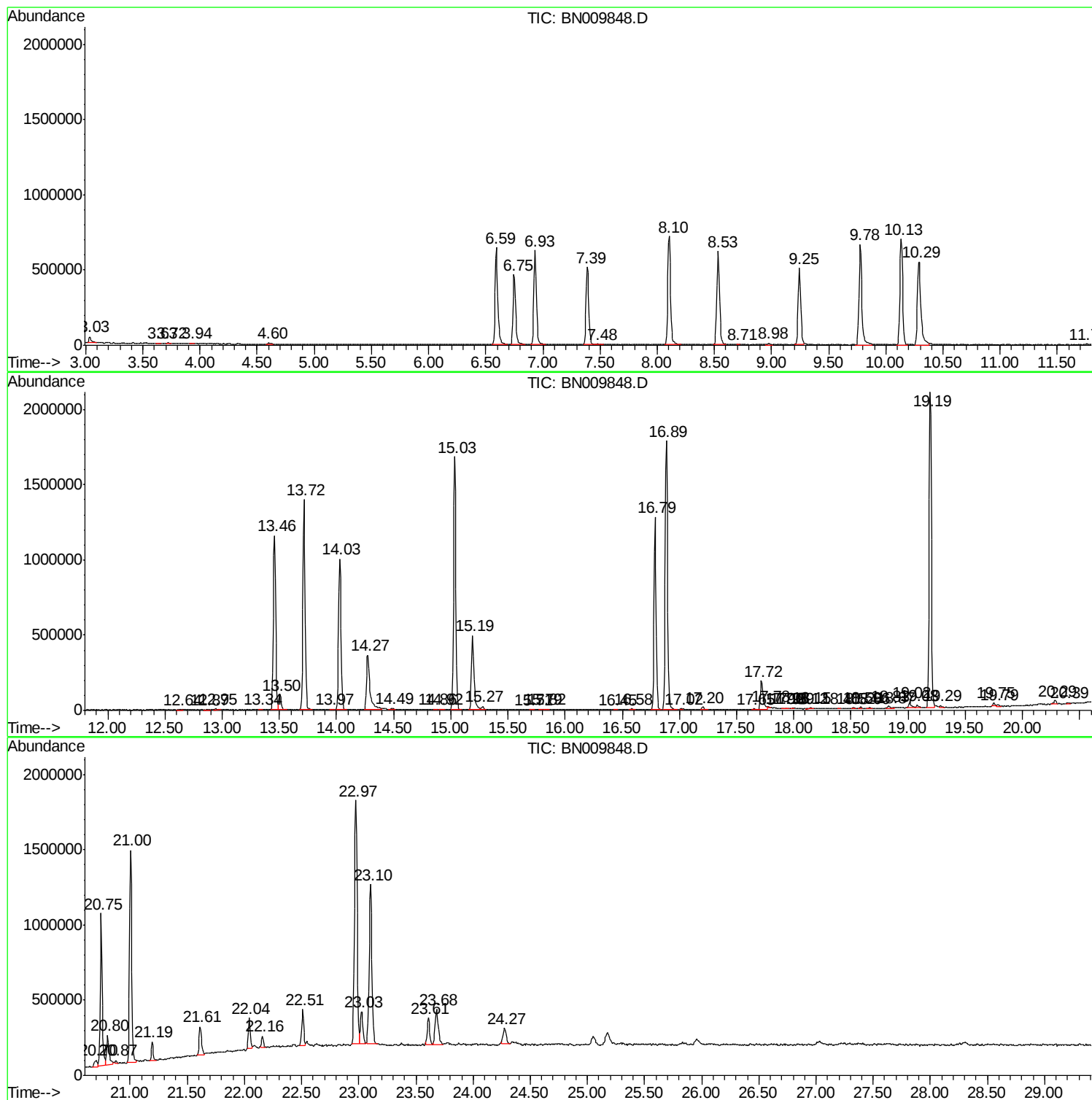
Sum of corrected areas: 37243511

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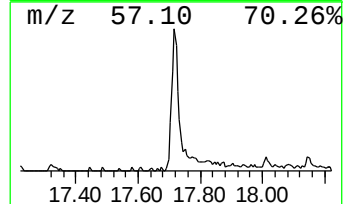
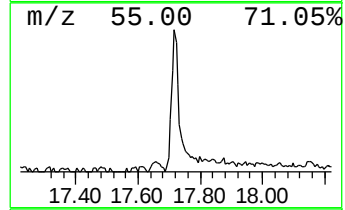
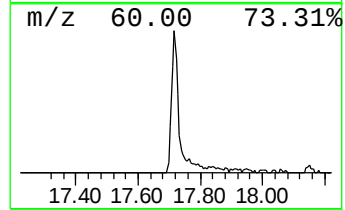
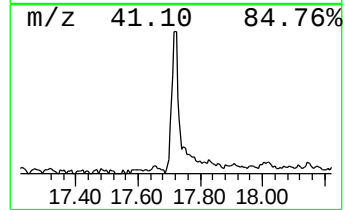
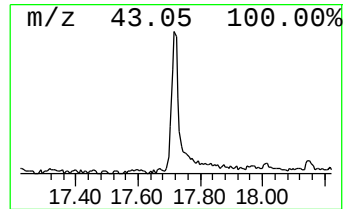
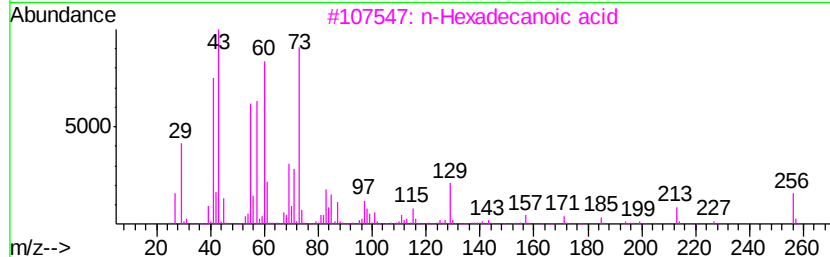
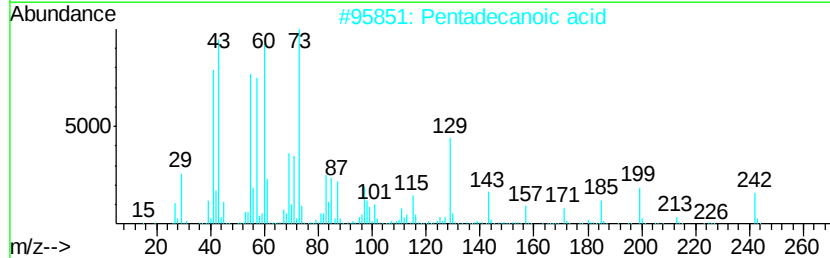
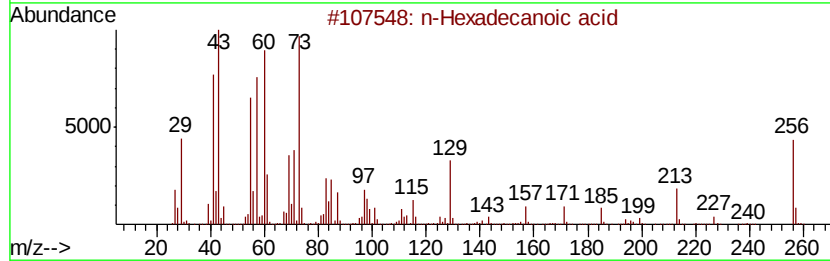
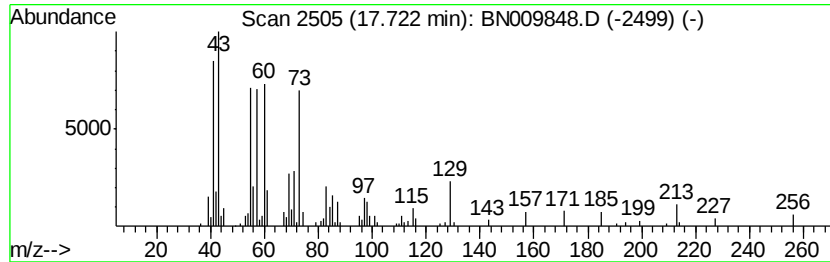
Instrument :  
BNA\_F  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

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   | 3.82 ng/ul          | 322110       | Phenanthrene-d10 | 16.79       |      |      |
| Hit# of | 5                   | Tentative ID | MW               | MolForm     | CAS# | Qual |
| 1       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 93   |      |
| 2       | Pentadecanoic acid  | 242          | C15H30O2         | 001002-84-2 | 90   |      |
| 3       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 87   |      |
| 4       | Pentadecanoic acid  | 242          | C15H30O2         | 001002-84-2 | 80   |      |
| 5       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 80   |      |



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Quant Title : SVOA CALIBRATION

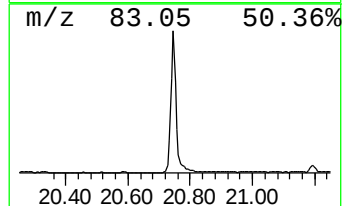
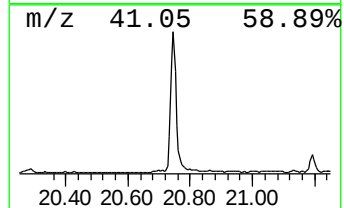
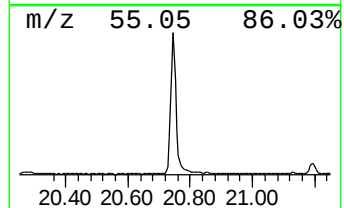
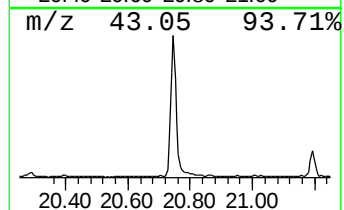
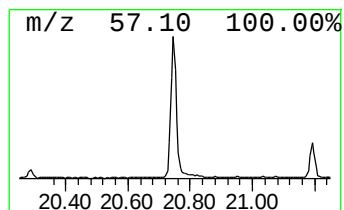
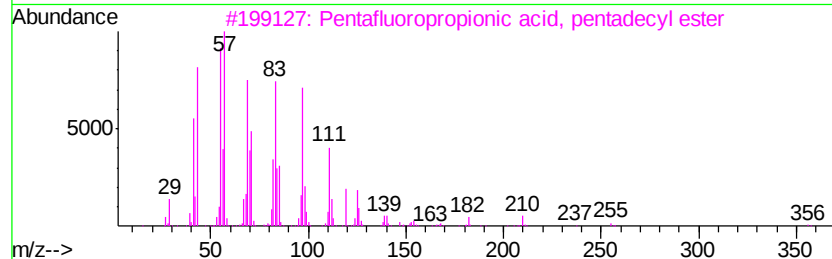
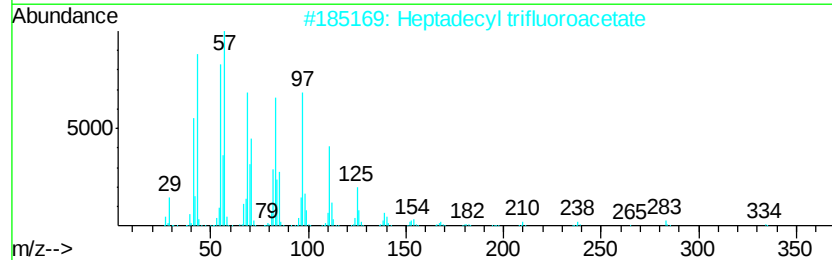
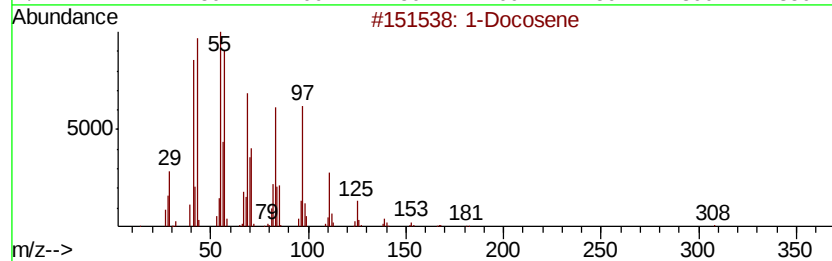
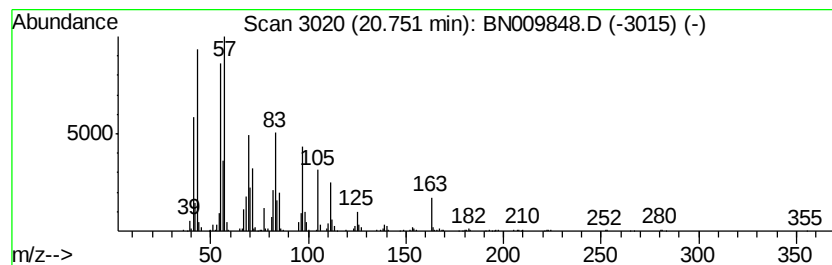
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 20.75 | 14.03 ng/ul | 1257950 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Docosene                          | 308 | C22H44     | 001599-67-3  | 95   |
| 2    |    | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1000351-87-0 | 91   |
| 3    |    | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 91   |
| 4    |    | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2  | 91   |
| 5    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 91   |



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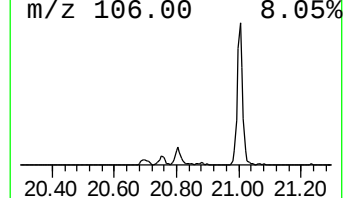
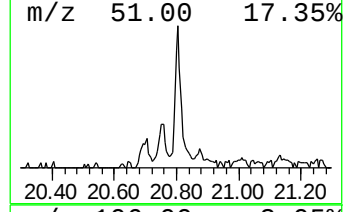
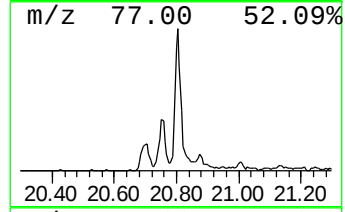
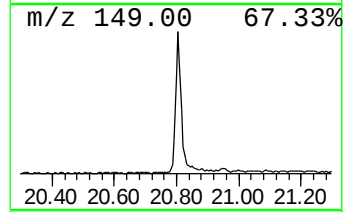
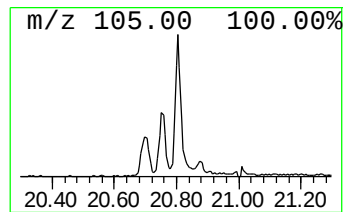
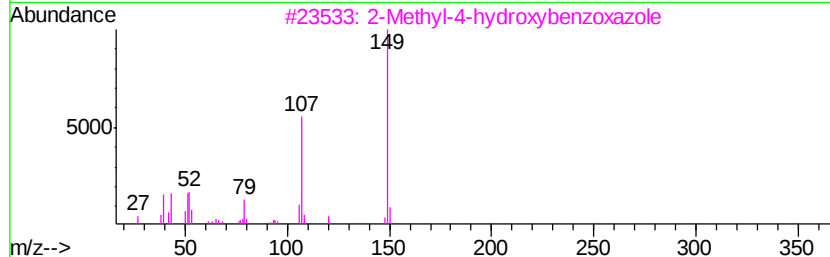
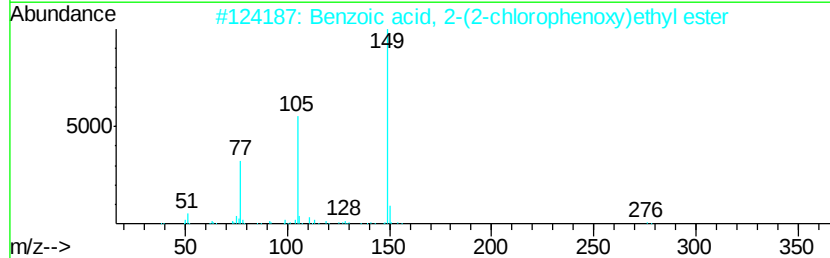
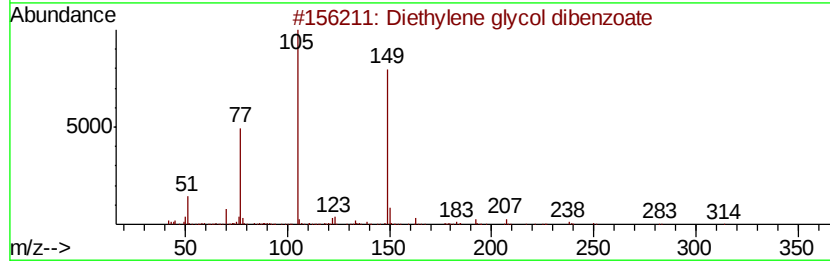
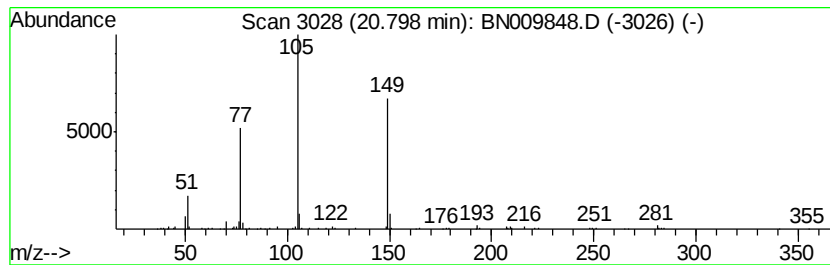
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BNA\_F  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 7

| R.T.    | EstConc                                      | Area           | Relative to ISTD | R.T.      |
|---------|----------------------------------------------|----------------|------------------|-----------|
| 20.80   | 3.05 ng/ul                                   | 273380         | Chrysene-d12     | 21.00     |
| Hit# of | 5                                            | Tentative ID   | MW MolForm       | CAS# Qual |
| 1       | Diethylene glycol dibenzoate                 | 314 C18H18O5   | 000120-55-8      | 83        |
| 2       | Benzoic acid, 2-(2-chlorophenoxy)ethyl ester | 276 C15H13ClO3 | 1000368-25-9     | 78        |
| 3       | 2-Methyl-4-hydroxybenzoxazole                | 149 C8H7NO2    | 051110-60-2      | 43        |
| 4       | Vinyl benzoate                               | 148 C9H8O2     | 000769-78-8      | 41        |
| 5       | Cinnamic acid, .alpha.-[N-benzoyl-L-proline] | 283 C16H13NO4  | 1000301-68-3     | 38        |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

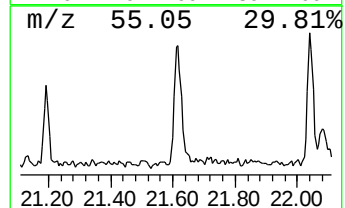
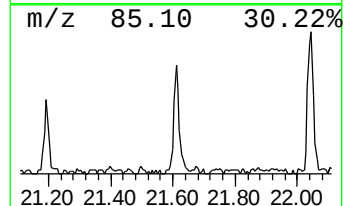
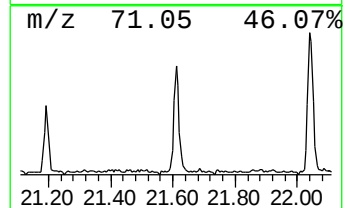
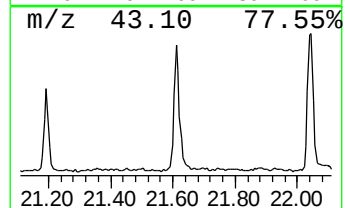
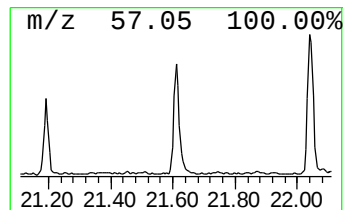
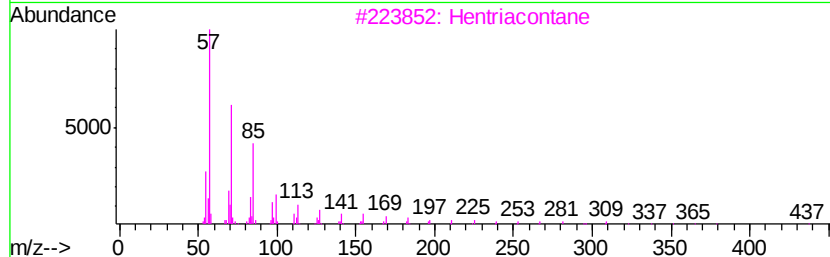
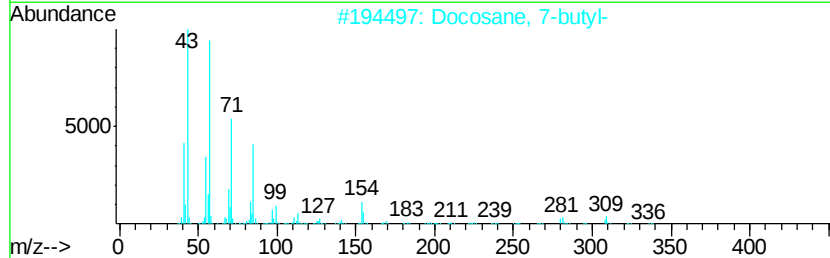
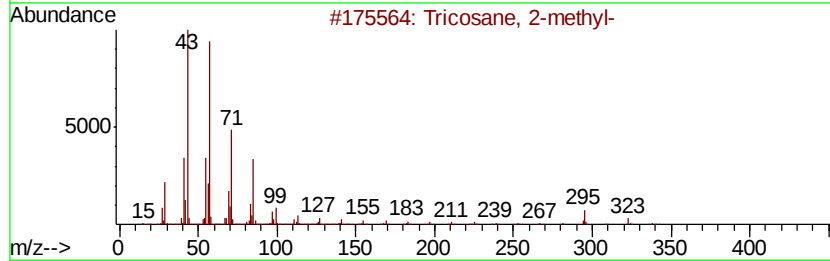
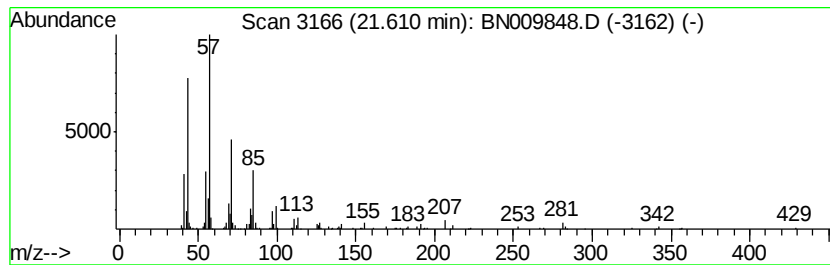
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.61 | 3.05 ng/ul | 273505 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Tricosane, 2-methyl- | 338 | C24H50  | 001928-30-9 | 87   |
| 2    |    | Docosane, 7-butyl-   | 366 | C26H54  | 055282-15-0 | 87   |
| 3    |    | Hentriacontane       | 437 | C31H64  | 000630-04-6 | 87   |
| 4    |    | Heptacosane          | 380 | C27H56  | 000593-49-7 | 86   |
| 5    |    | Heptacosane          | 380 | C27H56  | 000593-49-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

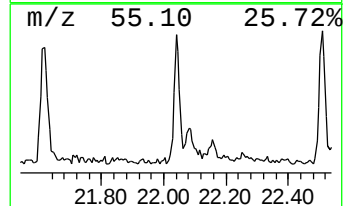
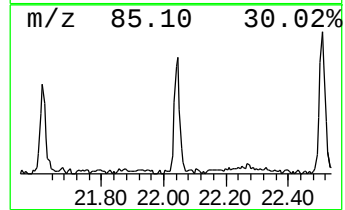
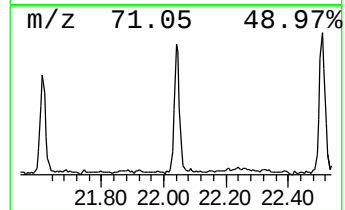
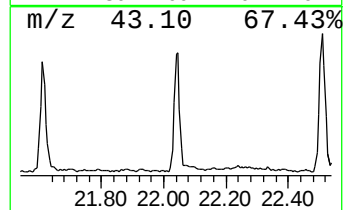
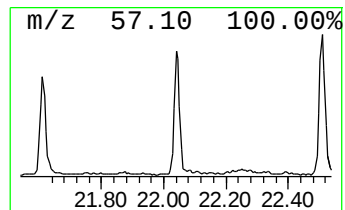
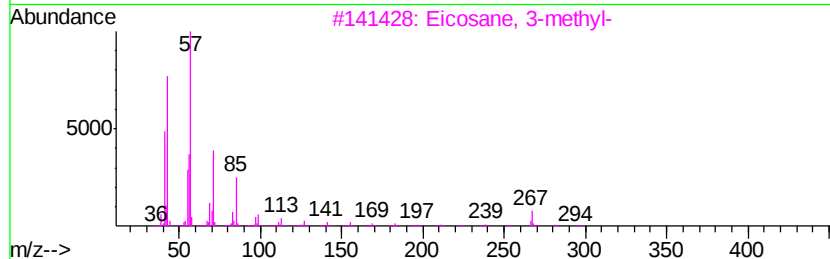
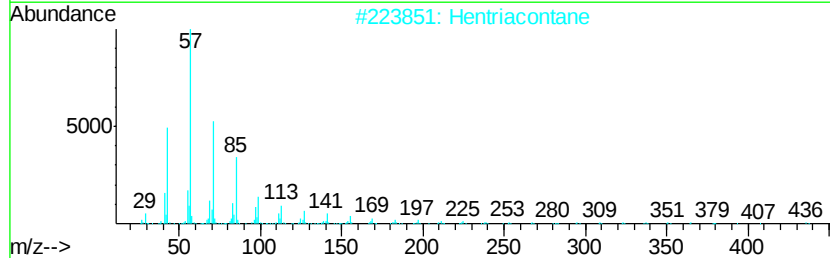
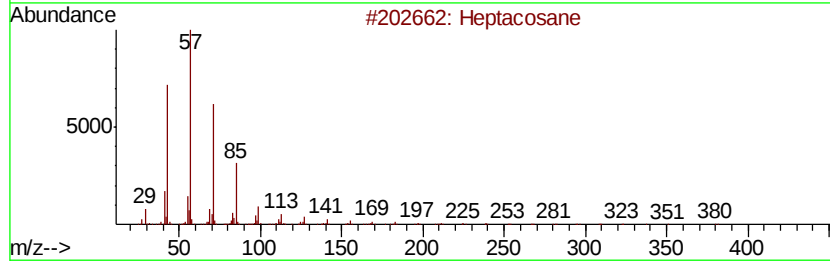
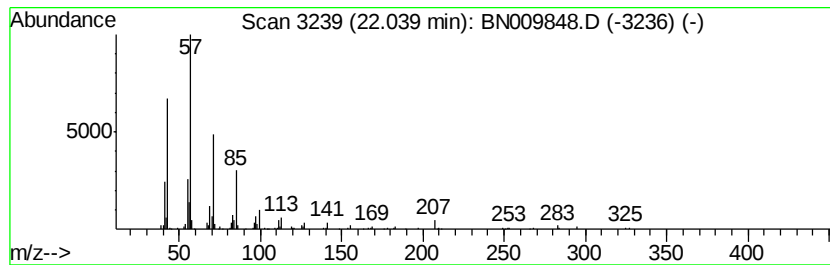
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.04 | 2.78 ng/ul | 249000 | Chrysene-d12     | 21.00 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane         | 380 | C27H56  | 000593-49-7 | 90   |
| 2    |    | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 86   |
| 3    |    | Eicosane, 3-methyl- | 296 | C21H44  | 006418-46-8 | 86   |
| 4    |    | Heptacosane         | 380 | C27H56  | 000593-49-7 | 83   |
| 5    |    | Hexatriacontane     | 507 | C36H74  | 000630-06-8 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

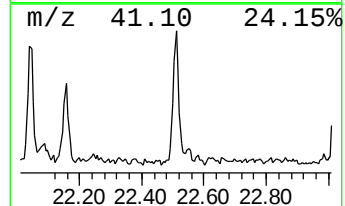
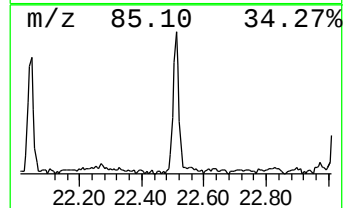
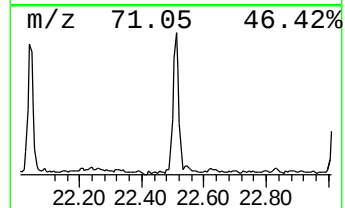
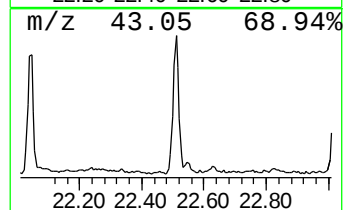
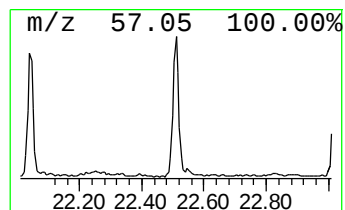
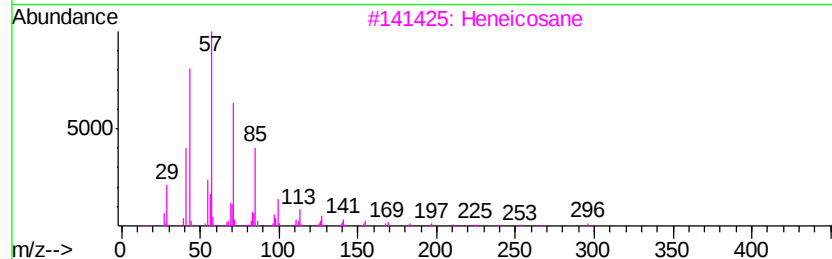
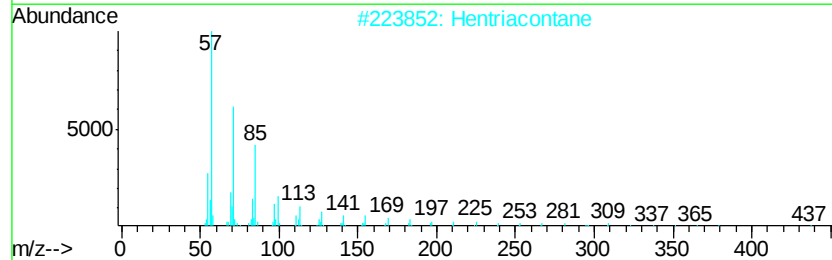
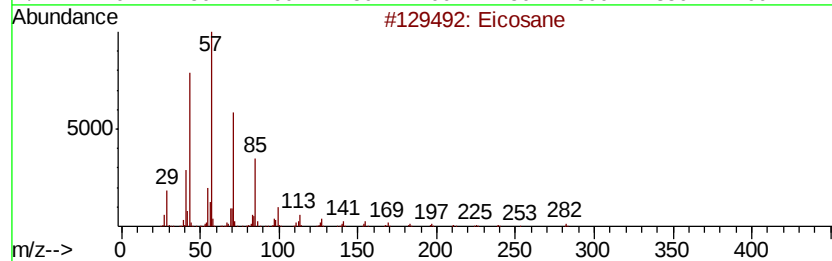
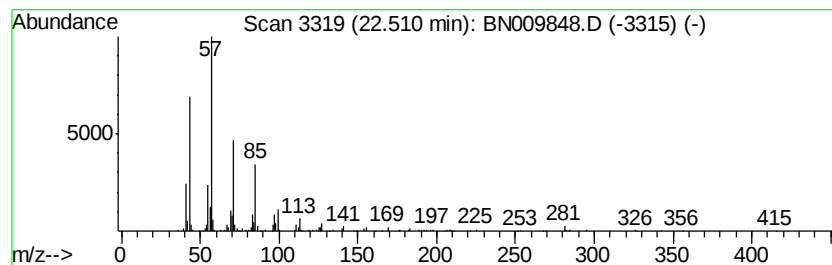
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.51 | 3.40 ng/ul | 306421 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane          | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Hentriacontane    | 437 | C31H64  | 000630-04-6 | 91   |
| 3    |    | Heneicosane       | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 87   |
| 5    |    | Hexadecane        | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

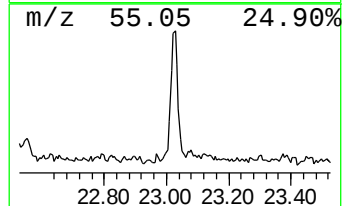
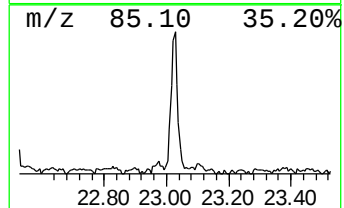
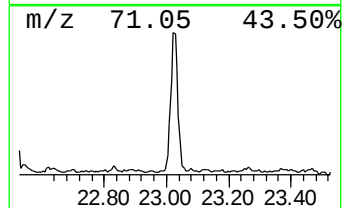
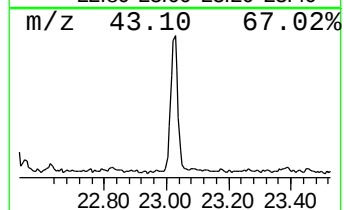
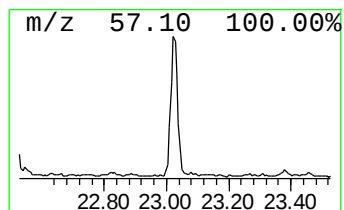
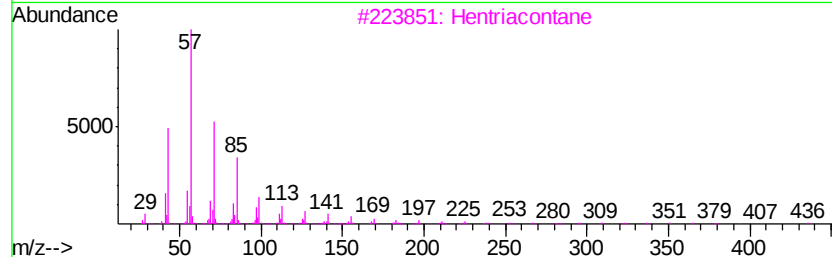
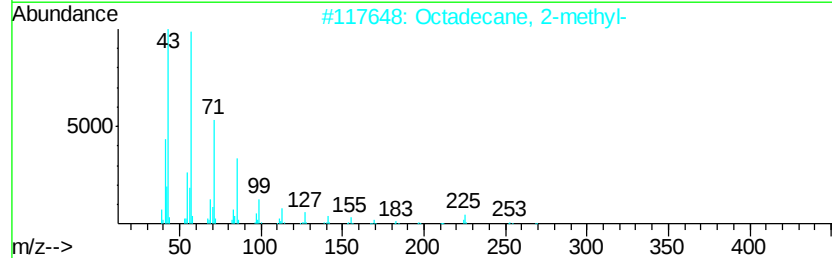
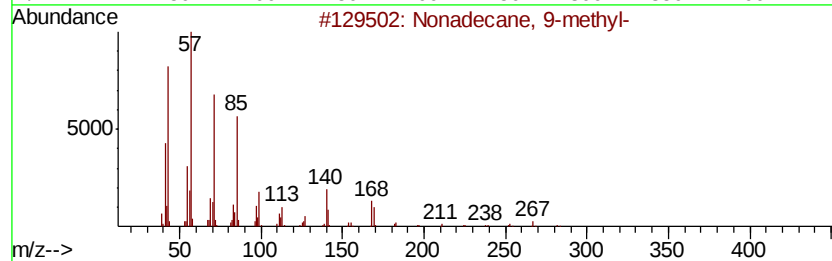
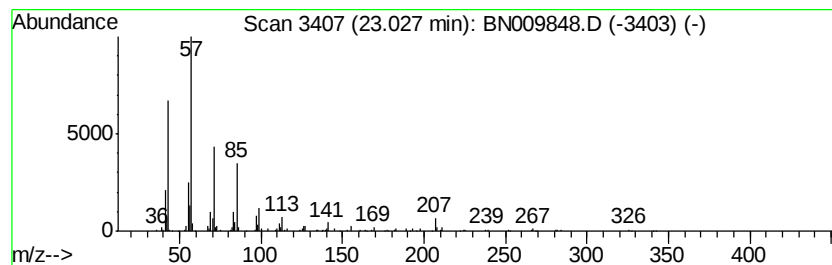
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.03 | 3.65 ng/ul | 328868 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Nonadecane, 9-methyl-               | 282 | C20H42    | 013287-24-6  | 91   |
| 2    |    | Octadecane, 2-methyl-               | 268 | C19H40    | 001560-88-9  | 87   |
| 3    |    | Hentriacontane                      | 437 | C31H64    | 000630-04-6  | 86   |
| 4    |    | Sulfurous acid, butyl undecyl ester | 292 | C15H32O3S | 1000309-17-8 | 86   |
| 5    |    | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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Quant Title : SVOA CALIBRATION

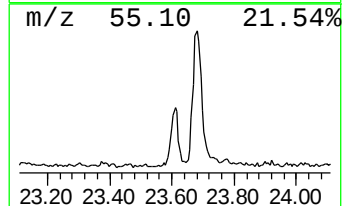
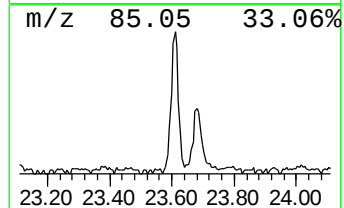
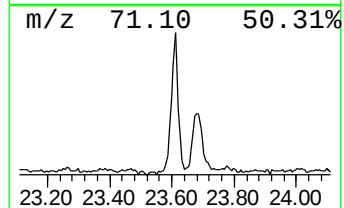
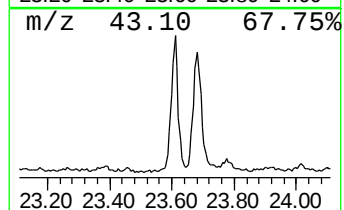
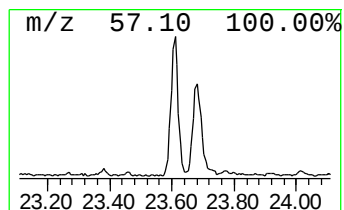
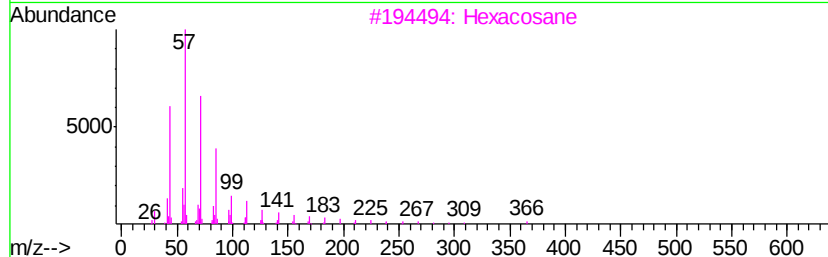
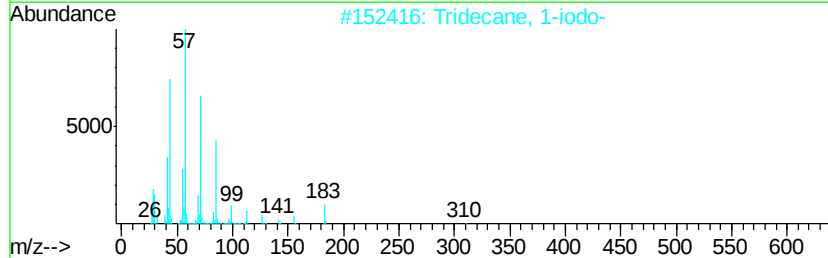
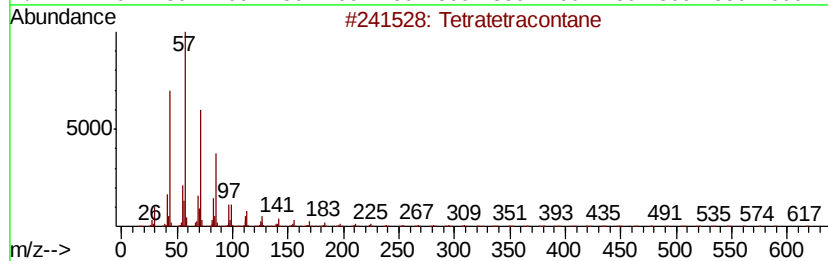
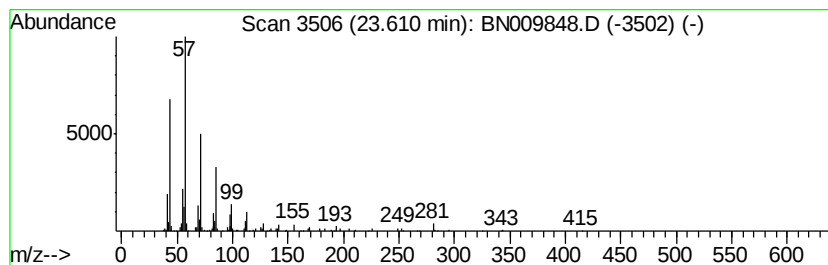
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.61 | 2.89 ng/ul | 259902 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 86   |
| 2    |    | Tridecane, 1-iodo-                  | 310 | C13H27I   | 035599-77-0  | 86   |
| 3    |    | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 86   |
| 4    |    | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 83   |
| 5    |    | 2-methyloctacosane                  | 408 | C29H60    | 1000376-72-8 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

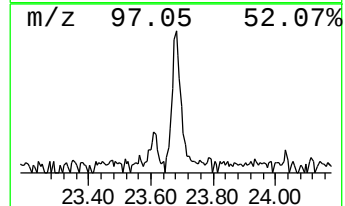
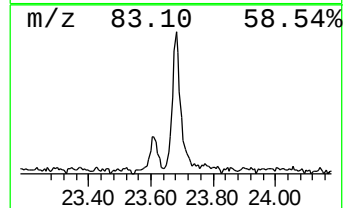
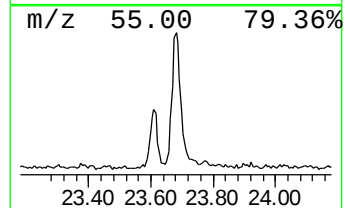
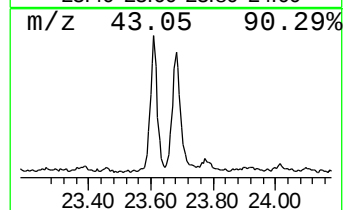
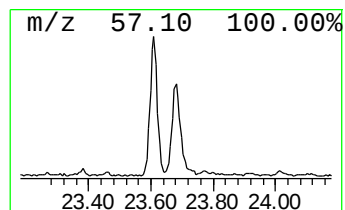
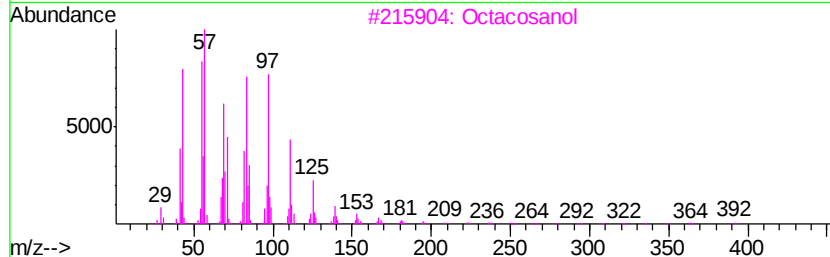
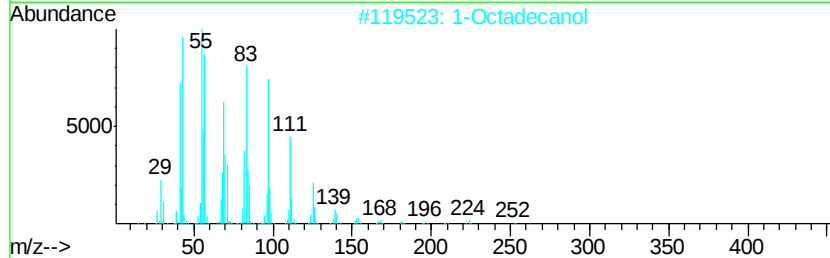
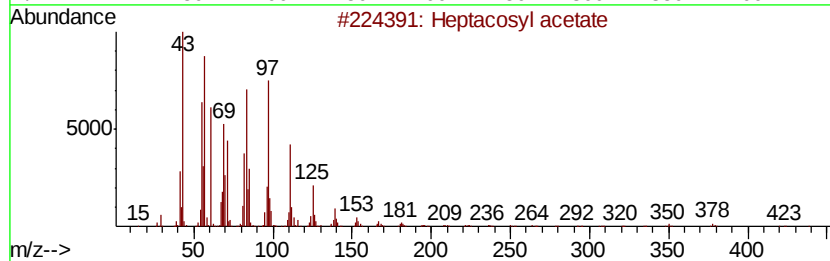
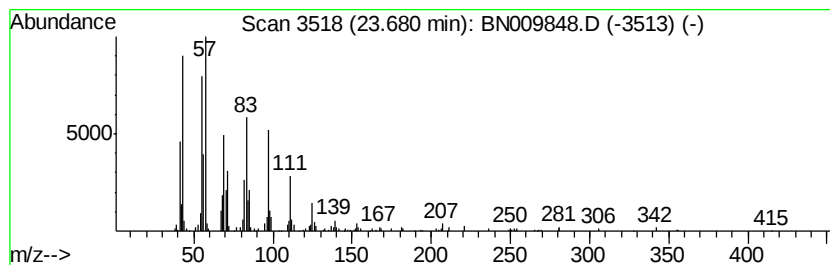
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Heptacosyl acetate Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.68 | 4.75 ng/ul | 427578 | Perylene-d12     | 23.10 |

| Hit# | of | Tentative ID               | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------|-----|----------|--------------|------|
| 1    | 5  | Heptacosyl acetate         | 438 | C29H58O2 | 1000351-78-2 | 87   |
| 2    |    | 1-Octadecanol              | 270 | C18H38O  | 000112-92-5  | 87   |
| 3    |    | Octacosanol                | 410 | C28H58O  | 000557-61-9  | 87   |
| 4    |    | n-Tetracosanol-1           | 354 | C24H50O  | 000506-51-4  | 87   |
| 5    |    | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\  
Data File : BN009848.D  
Acq On : 22 Feb 2020 16:34  
Operator : CG/JU  
Sample : L1516-10  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBD28

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

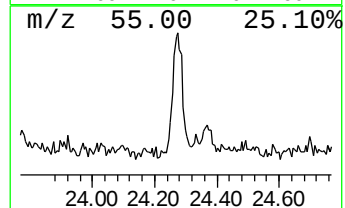
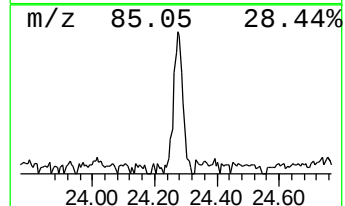
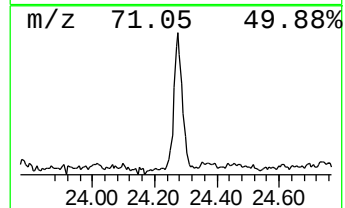
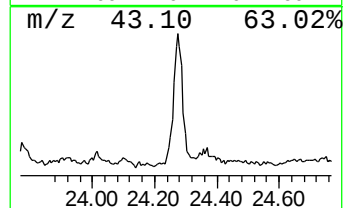
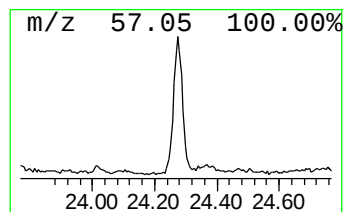
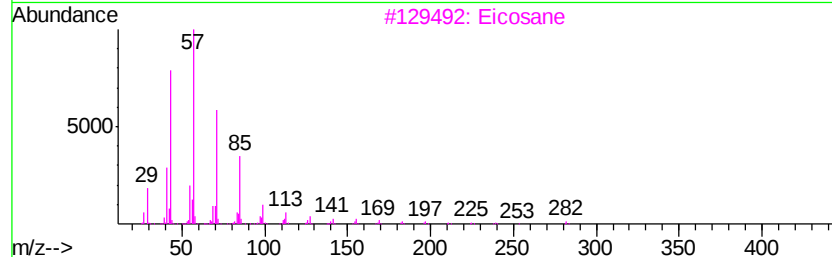
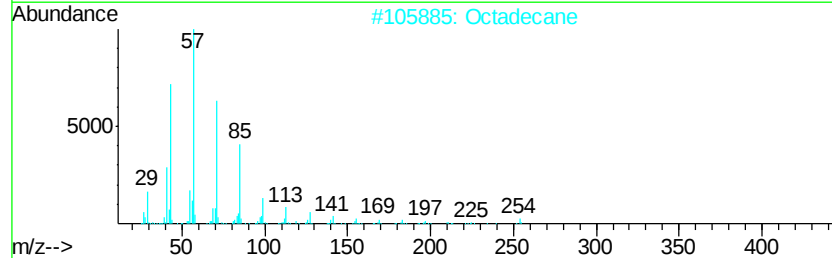
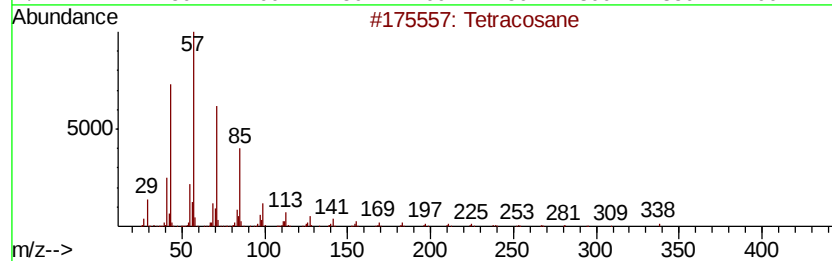
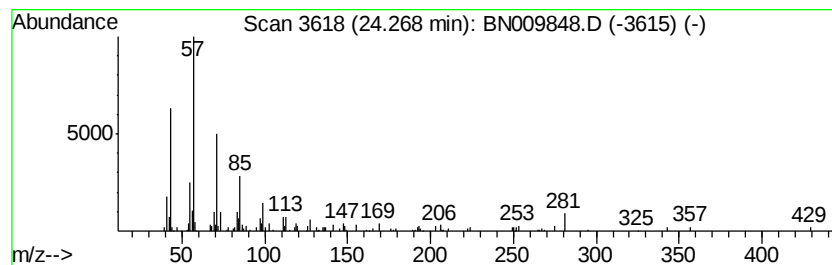
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.27 | 2.05 ng/ul | 184465 | Perylene-d12     | 23.10 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetracosane                         | 338 | C24H50    | 000646-31-1  | 81   |
| 2    |    |   | Octadecane                          | 254 | C18H38    | 000593-45-3  | 74   |
| 3    |    |   | Eicosane                            | 282 | C20H42    | 000112-95-8  | 74   |
| 4    |    |   | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 72   |
| 5    |    |   | Nonadecane, 2-methyl-               | 282 | C20H42    | 001560-86-7  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022220\  
 Data File : BN009848.D  
 Acq On : 22 Feb 2020 16:34  
 Operator : CG/JU  
 Sample : L1516-10  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBD28

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 | 3.8     | ng/ul | 322110   | 4                     | 16.79 | 1684790 | 20.0 |
| (DEL) Alkane: Str... | 20.75 | 14.0    | ng/ul | 1257950  | 5                     | 21.00 | 1793150 | 20.0 |
| Diethylene glycol... | 20.80 | 3.0     | ng/ul | 273380   | 5                     | 21.00 | 1793150 | 20.0 |
| (DEL) Alkane: Str... | 21.61 | 3.0     | ng/ul | 273505   | 5                     | 21.00 | 1793150 | 20.0 |
| (DEL) Alkane: Str... | 22.04 | 2.8     | ng/ul | 249000   | 5                     | 21.00 | 1793150 | 20.0 |
| (DEL) Alkane: Str... | 22.51 | 3.4     | ng/ul | 306421   | 6                     | 23.10 | 1801460 | 20.0 |
| (DEL) Alkane: Str... | 23.03 | 3.6     | ng/ul | 328868   | 6                     | 23.10 | 1801460 | 20.0 |
| (DEL) Alkane: Str... | 23.61 | 2.9     | ng/ul | 259902   | 6                     | 23.10 | 1801460 | 20.0 |
| Heptacosyl acetate   | 23.68 | 4.8     | ng/ul | 427578   | 6                     | 23.10 | 1801460 | 20.0 |
| (DEL) Alkane: Str... | 24.27 | 2.0     | ng/ul | 184465   | 6                     | 23.10 | 1801460 | 20.0 |