

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020321\  
 Data File : BN013555.D  
 Acq On : 03 Feb 2021 14:21  
 Operator : CG/JU  
 Sample : M1299-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0A50

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN013555.D

| 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         | 3.158       | 8             | 12          | 21           | rVB      | 70331          | 94992         | 1.20%           | 0.133%        |
| 2         | 3.775       | 113           | 117         | 120          | rVB4     | 8824           | 12088         | 0.15%           | 0.017%        |
| 3         | 3.863       | 128           | 132         | 137          | rVB      | 17798          | 23956         | 0.30%           | 0.034%        |
| 4         | 4.075       | 163           | 168         | 173          | rVB8     | 5607           | 10345         | 0.13%           | 0.014%        |
| 5         | 4.469       | 231           | 235         | 240          | rVB6     | 4158           | 8461          | 0.11%           | 0.012%        |
| 6         | 6.734       | 614           | 620         | 631          | rVB2     | 274312         | 478379        | 6.05%           | 0.670%        |
| 7         | 6.904       | 642           | 649         | 663          | rBV      | 891169         | 1392179       | 17.60%          | 1.948%        |
| 8         | 7.093       | 675           | 681         | 689          | rBV      | 1030647        | 1578929       | 19.96%          | 2.210%        |
| 9         | 7.557       | 752           | 760         | 768          | rBV      | 1043122        | 1597102       | 20.18%          | 2.235%        |
| 10        | 7.622       | 768           | 771         | 775          | rVB4     | 6629           | 8228          | 0.10%           | 0.012%        |
| 11        | 8.251       | 871           | 878         | 887          | rBV      | 741338         | 1178568       | 14.90%          | 1.650%        |
| 12        | 8.699       | 946           | 954         | 967          | rBV      | 1070051        | 1721985       | 21.76%          | 2.410%        |
| 13        | 9.151       | 1024          | 1031        | 1038         | rVB2     | 18932          | 28704         | 0.36%           | 0.040%        |
| 14        | 9.410       | 1068          | 1075        | 1085         | rBV      | 846297         | 1382102       | 17.47%          | 1.934%        |
| 15        | 9.940       | 1157          | 1165        | 1177         | rBV      | 1339502        | 2190435       | 27.68%          | 3.066%        |
| 16        | 10.316      | 1222          | 1229        | 1242         | rBV      | 1417520        | 2376485       | 30.04%          | 3.326%        |
| 17        | 10.457      | 1246          | 1253        | 1259         | rBV      | 82093          | 143440        | 1.81%           | 0.201%        |
| 18        | 11.769      | 1471          | 1476        | 1481         | rVB4     | 9846           | 15235         | 0.19%           | 0.021%        |
| 19        | 11.910      | 1494          | 1500        | 1506         | rVB      | 26632          | 38507         | 0.49%           | 0.054%        |
| 20        | 11.963      | 1506          | 1509        | 1514         | rBV3     | 11987          | 19351         | 0.24%           | 0.027%        |
| 21        | 12.598      | 1612          | 1617        | 1620         | rBV5     | 4813           | 7959          | 0.10%           | 0.011%        |
| 22        | 12.804      | 1648          | 1652        | 1655         | rBV4     | 7055           | 10733         | 0.14%           | 0.015%        |
| 23        | 13.034      | 1687          | 1691        | 1695         | rBV      | 33146          | 41806         | 0.53%           | 0.059%        |
| 24        | 13.157      | 1709          | 1712        | 1717         | rBV5     | 6316           | 8880          | 0.11%           | 0.012%        |
| 25        | 13.610      | 1782          | 1789        | 1794         | rBV      | 2621470        | 3560223       | 45.00%          | 4.983%        |
| 26        | 13.651      | 1794          | 1796        | 1802         | rVB      | 157101         | 199524        | 2.52%           | 0.279%        |
| 27        | 13.881      | 1828          | 1835        | 1847         | rBV      | 3123889        | 4460758       | 56.38%          | 6.243%        |
| 28        | 14.122      | 1871          | 1876        | 1880         | rVB5     | 13050          | 19761         | 0.25%           | 0.028%        |
| 29        | 14.192      | 1880          | 1888        | 1895         | rBV      | 2183043        | 3161641       | 39.96%          | 4.425%        |
| 30        | 14.392      | 1916          | 1922        | 1931         | rBV      | 236716         | 336508        | 4.25%           | 0.471%        |
| 31        | 14.634      | 1958          | 1963        | 1968         | rBV5     | 9225           | 16209         | 0.20%           | 0.023%        |
| 32        | 14.739      | 1977          | 1981        | 1988         | rBV6     | 4045           | 10326         | 0.13%           | 0.014%        |
| 33        | 15.081      | 2034          | 2039        | 2044         | rVB5     | 9940           | 13739         | 0.17%           | 0.019%        |
| 34        | 15.192      | 2051          | 2058        | 2066         | rBV      | 3907120        | 5566977       | 70.36%          | 7.791%        |
| 35        | 15.310      | 2072          | 2078        | 2090         | rBV      | 1229483        | 1606645       | 20.31%          | 2.249%        |
| 36        | 15.433      | 2094          | 2099        | 2103         | rVV      | 47844          | 65821         | 0.83%           | 0.092%        |

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 ClientSampleId :  
 C0A50

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.980 | 2187 | 2192 | 2198 | rVB2 | 21806   | 33345   | 0.42%   | 0.047%  |
| 38 | 16.198 | 2224 | 2229 | 2234 | rBV  | 28743   | 39660   | 0.50%   | 0.056%  |
| 39 | 16.351 | 2251 | 2255 | 2260 | rBV5 | 12065   | 20634   | 0.26%   | 0.029%  |
| 40 | 16.457 | 2269 | 2273 | 2277 | rBV4 | 11760   | 16091   | 0.20%   | 0.023%  |
| 41 | 16.733 | 2315 | 2320 | 2323 | rBV5 | 15407   | 24571   | 0.31%   | 0.034%  |
| 42 | 16.945 | 2349 | 2356 | 2363 | rBV  | 2493071 | 3576421 | 45.20%  | 5.006%  |
| 43 | 17.039 | 2363 | 2372 | 2382 | rBV  | 4589819 | 6582760 | 83.20%  | 9.213%  |
| 44 | 17.192 | 2395 | 2398 | 2402 | rVB6 | 9430    | 14376   | 0.18%   | 0.020%  |
| 45 | 17.333 | 2417 | 2422 | 2428 | rBV5 | 13310   | 22754   | 0.29%   | 0.032%  |
| 46 | 17.627 | 2468 | 2472 | 2477 | rBV7 | 4189    | 9516    | 0.12%   | 0.013%  |
| 47 | 17.863 | 2507 | 2512 | 2519 | rBV  | 232822  | 346965  | 4.39%   | 0.486%  |
| 48 | 18.574 | 2629 | 2633 | 2637 | rVB6 | 20015   | 20258   | 0.26%   | 0.028%  |
| 49 | 18.910 | 2686 | 2690 | 2694 | rBV7 | 6192    | 9589    | 0.12%   | 0.013%  |
| 50 | 18.980 | 2694 | 2702 | 2704 | rBV2 | 60042   | 94534   | 1.19%   | 0.132%  |
| 51 | 19.033 | 2709 | 2711 | 2716 | rVB6 | 14345   | 17614   | 0.22%   | 0.025%  |
| 52 | 19.151 | 2727 | 2731 | 2739 | rBV  | 156443  | 236425  | 2.99%   | 0.331%  |
| 53 | 19.233 | 2741 | 2745 | 2749 | rVB  | 50116   | 67603   | 0.85%   | 0.095%  |
| 54 | 19.345 | 2758 | 2764 | 2770 | rBV2 | 5730384 | 7534577 | 95.23%  | 10.545% |
| 55 | 19.421 | 2774 | 2777 | 2780 | rBV4 | 18958   | 18380   | 0.23%   | 0.026%  |
| 56 | 19.927 | 2859 | 2863 | 2866 | rBV  | 34777   | 37817   | 0.48%   | 0.053%  |
| 57 | 20.292 | 2923 | 2925 | 2930 | rVB4 | 25469   | 30968   | 0.39%   | 0.043%  |
| 58 | 20.427 | 2945 | 2948 | 2952 | rVB2 | 52311   | 56626   | 0.72%   | 0.079%  |
| 59 | 20.880 | 3021 | 3025 | 3033 | rBV2 | 258216  | 460336  | 5.82%   | 0.644%  |
| 60 | 21.145 | 3065 | 3070 | 3076 | rBV  | 3298222 | 4050553 | 51.19%  | 5.669%  |
| 61 | 21.327 | 3098 | 3101 | 3106 | rBV  | 111131  | 126382  | 1.60%   | 0.177%  |
| 62 | 21.751 | 3170 | 3173 | 3181 | rBV  | 137273  | 176223  | 2.23%   | 0.247%  |
| 63 | 22.198 | 3246 | 3249 | 3254 | rVB  | 185036  | 222383  | 2.81%   | 0.311%  |
| 64 | 22.321 | 3267 | 3270 | 3277 | rVB2 | 107980  | 152899  | 1.93%   | 0.214%  |
| 65 | 22.686 | 3329 | 3332 | 3339 | rVB  | 258082  | 347274  | 4.39%   | 0.486%  |
| 66 | 23.180 | 3408 | 3416 | 3422 | rBV  | 4396519 | 7912322 | 100.00% | 11.074% |
| 67 | 23.233 | 3422 | 3425 | 3431 | rVV  | 343437  | 550686  | 6.96%   | 0.771%  |
| 68 | 23.315 | 3432 | 3439 | 3447 | rVB2 | 2284798 | 4237738 | 53.56%  | 5.931%  |
| 69 | 23.857 | 3526 | 3531 | 3539 | rVB  | 295010  | 516907  | 6.53%   | 0.723%  |
| 70 | 24.568 | 3647 | 3652 | 3661 | rVB  | 249946  | 497330  | 6.29%   | 0.696%  |

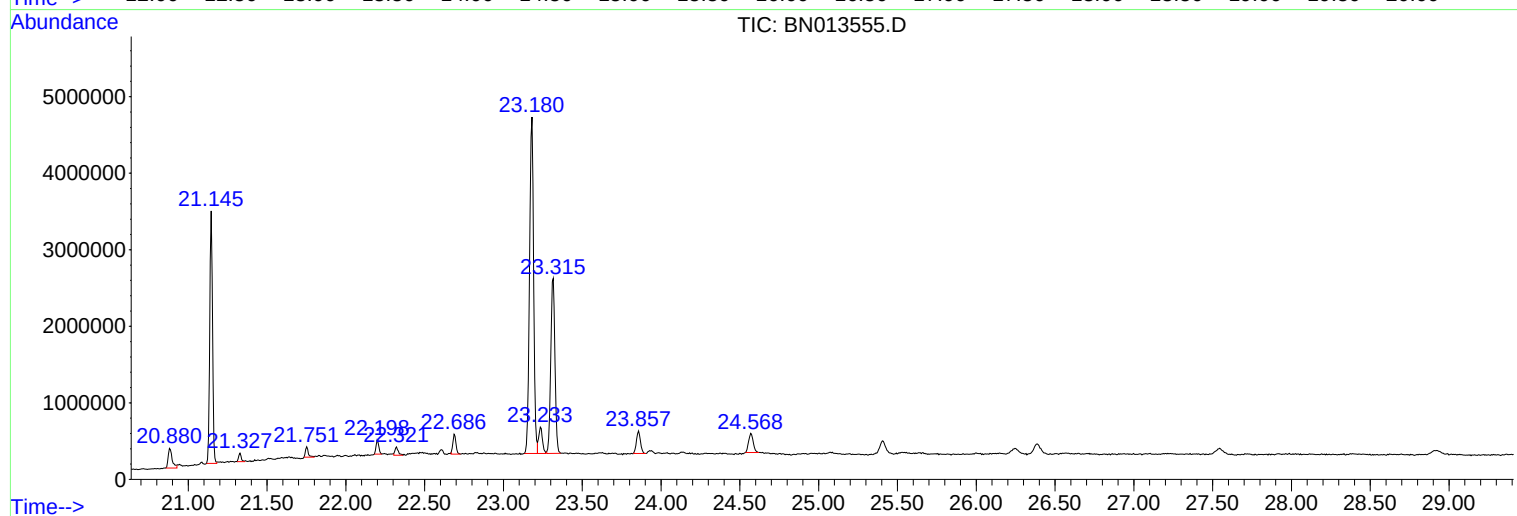
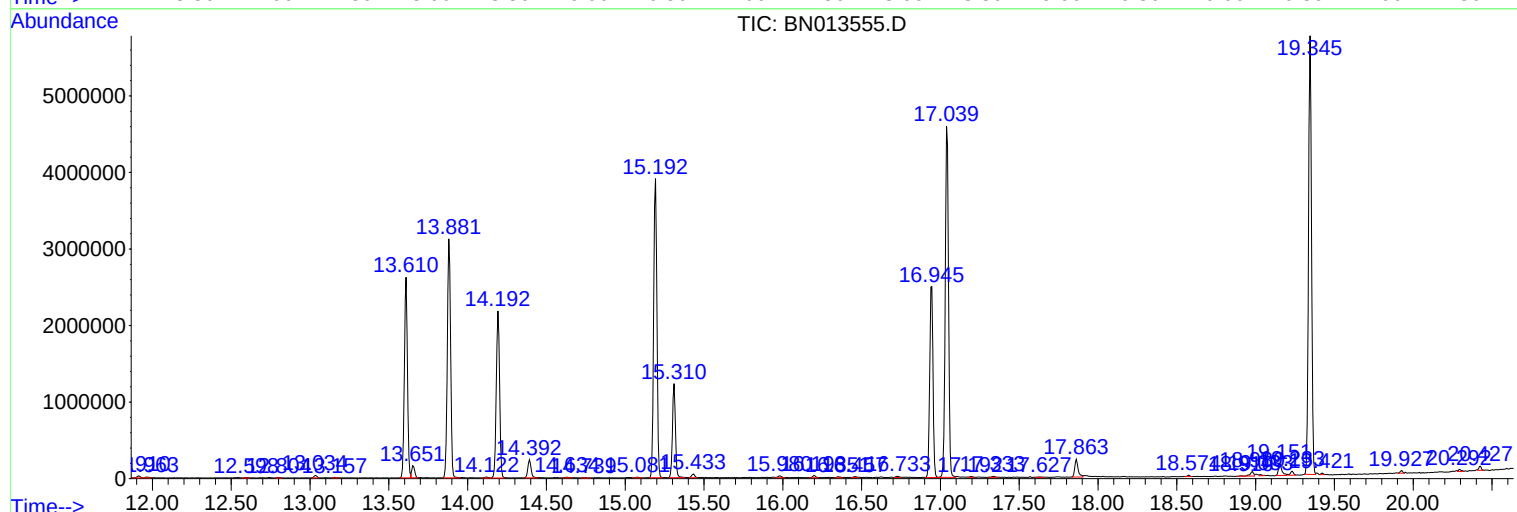
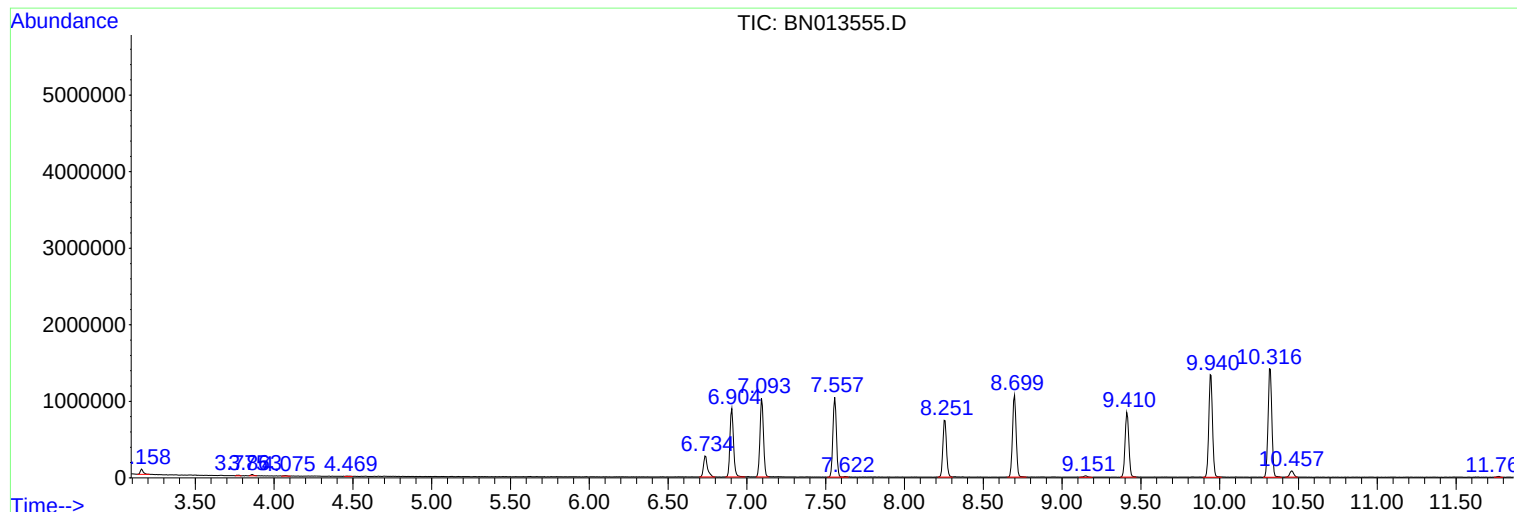
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Instrument :  
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C0A50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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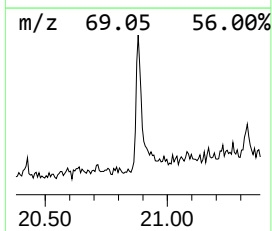
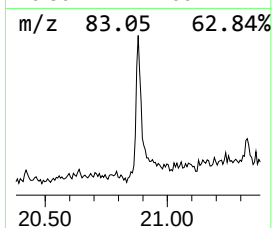
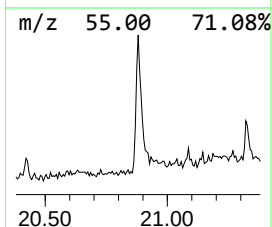
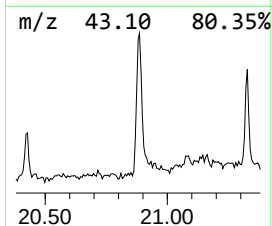
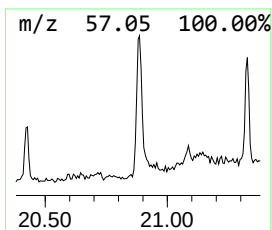
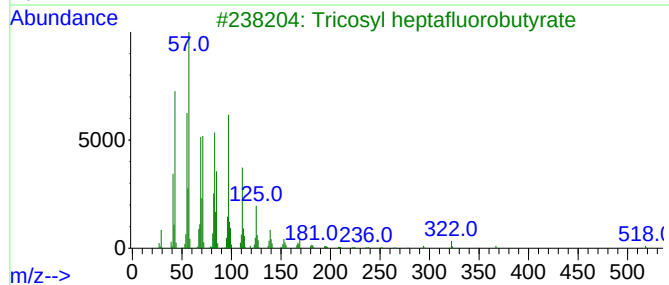
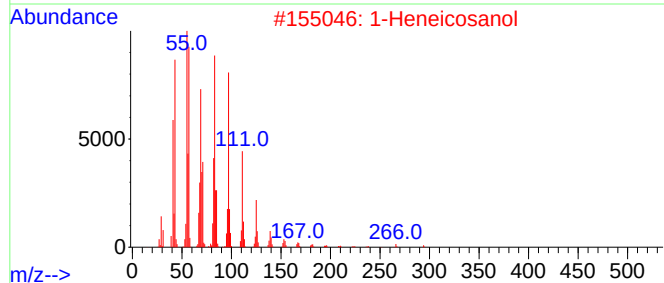
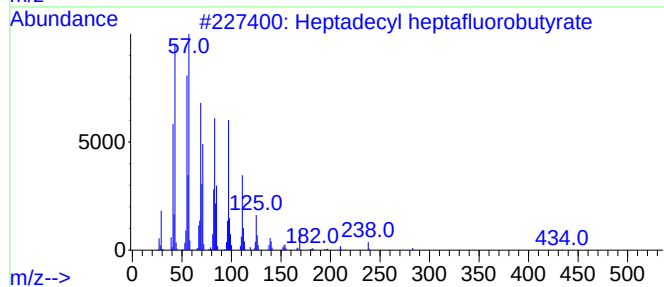
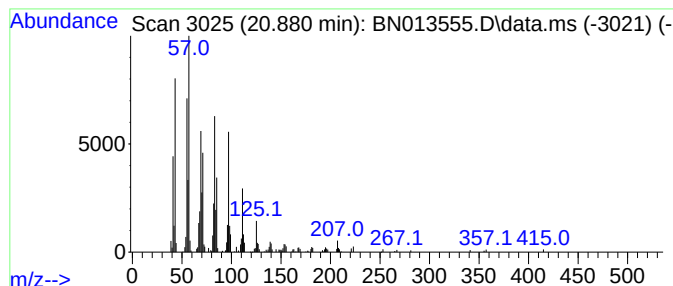
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Heptadecyl heptafluorobutyrate Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.880 | 2.27 ng/ul | 460336 | Chrysene-d12     | 21.145 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------|-----|------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6  | 94   |
| 2    |    |   | 1-Heneicosanol                 | 312 | C21H44O    | 015594-90-8  | 93   |
| 3    |    |   | Tricosyl heptafluorobutyrate   | 536 | C27H47F7O2 | 1000351-83-4 | 91   |
| 4    |    |   | 1-Docosene                     | 308 | C22H44     | 001599-67-3  | 91   |
| 5    |    |   | Tricosyl trifluoroacetate      | 436 | C25H47F3O2 | 1000351-75-1 | 91   |



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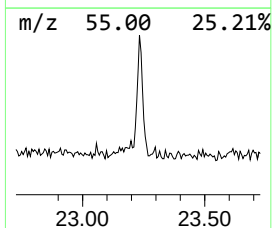
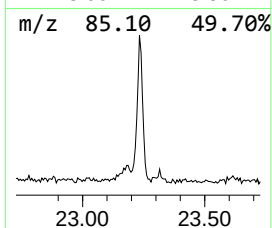
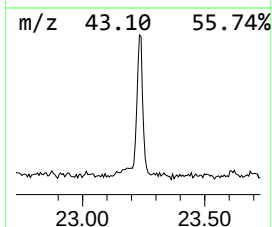
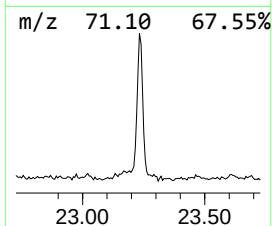
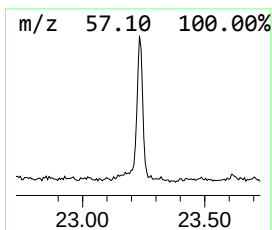
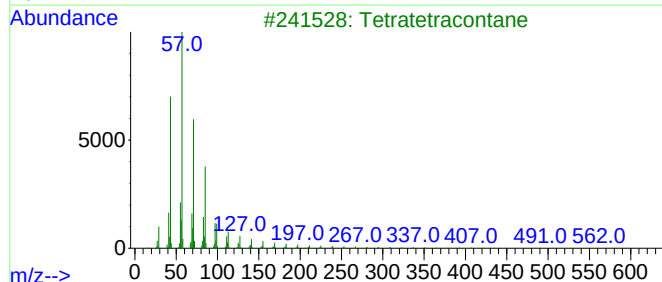
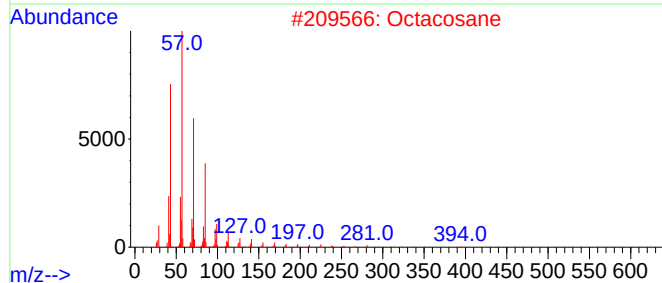
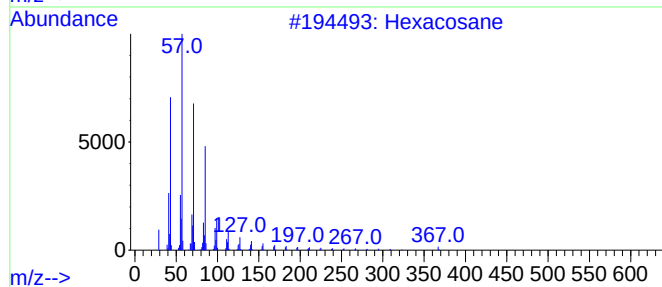
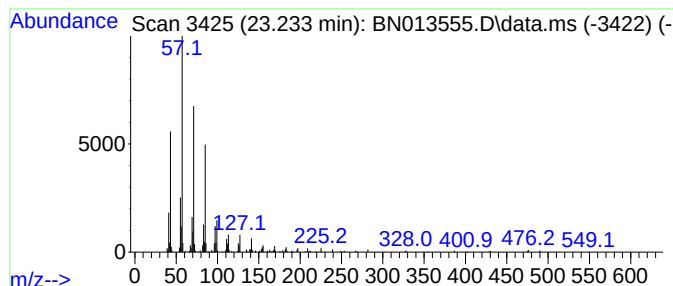
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.      | EstConc           | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------|--------|------------------|-------------|------|
| 23.230    | 2.60 ng/ul        | 550686 | Perylene-d12     | 23.315      |      |
| Hit# of 5 | Tentative ID      | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexacosane        | 366    | C26H54           | 000630-01-3 | 90   |
| 2         | Octacosane        | 394    | C28H58           | 000630-02-4 | 90   |
| 3         | Tetratetracontane | 619    | C44H90           | 007098-22-8 | 90   |
| 4         | Heneicosane       | 296    | C21H44           | 000629-94-7 | 90   |
| 5         | triacontane       | 422    | C30H62           | 000638-68-6 | 87   |



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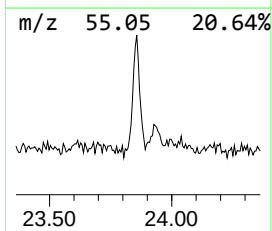
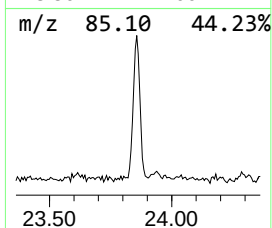
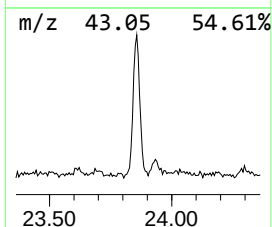
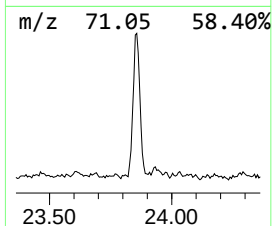
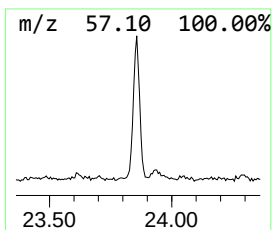
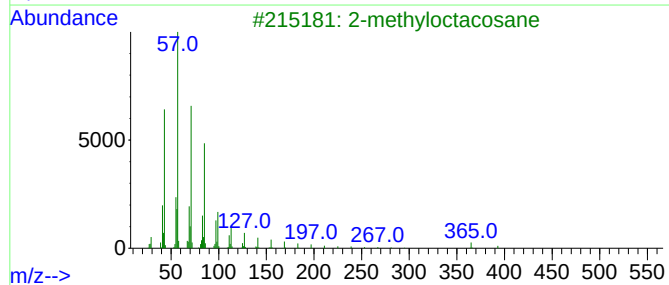
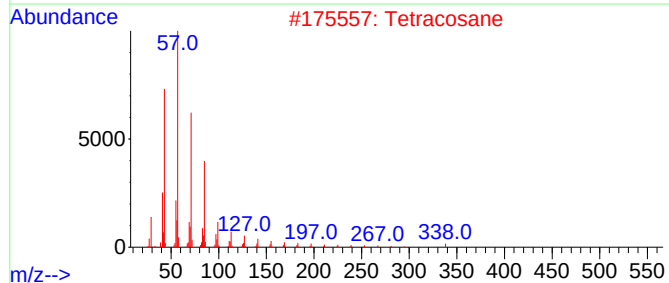
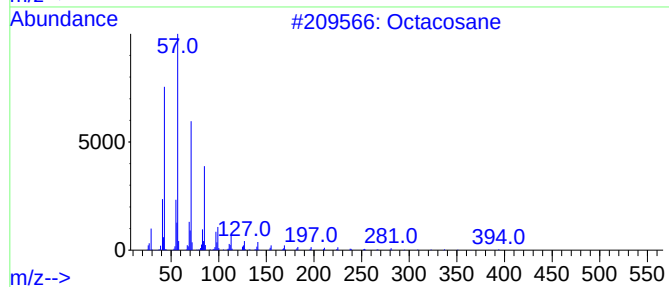
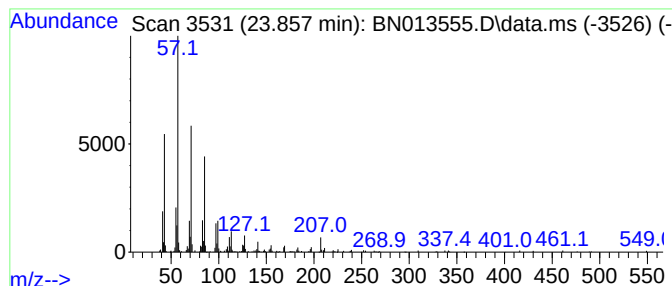
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc                    | Area   | Relative to ISTD | R.T.         |      |
|-----------|----------------------------|--------|------------------|--------------|------|
| 23.860    | 2.44 ng/ul                 | 516907 | Perylene-d12     | 23.315       |      |
| Hit# of 5 | Tentative ID               | MW     | MolForm          | CAS#         | Qual |
| 1         | Octacosane                 | 394    | C28H58           | 000630-02-4  | 90   |
| 2         | Tetracosane                | 338    | C24H50           | 000646-31-1  | 90   |
| 3         | 2-methyloctacosane         | 408    | C29H60           | 1000376-72-8 | 90   |
| 4         | Pentadecane, 8,8-diheptyl- | 408    | C29H60           | 055268-72-9  | 87   |
| 5         | Heneicosane                | 296    | C21H44           | 000629-94-7  | 87   |



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Sample : M1299-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0A50

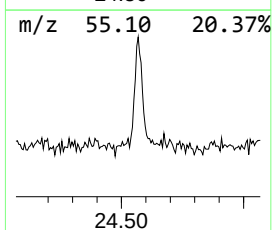
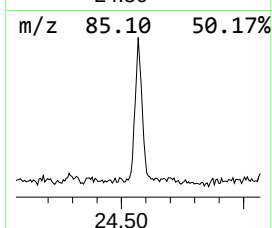
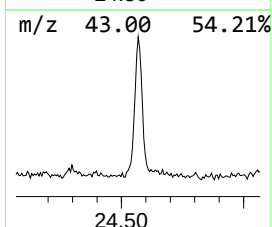
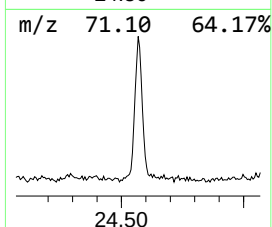
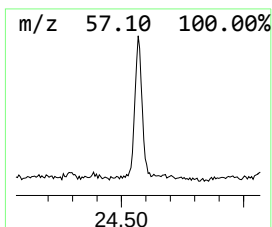
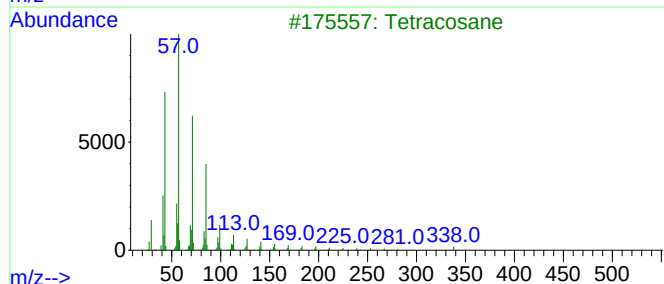
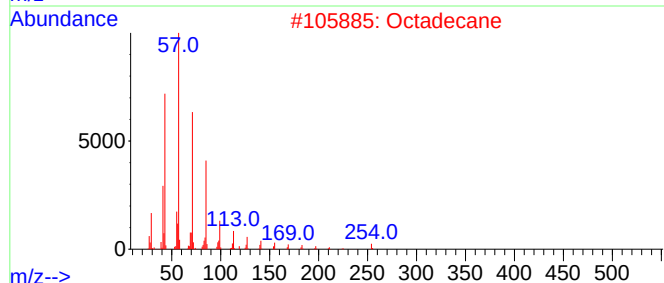
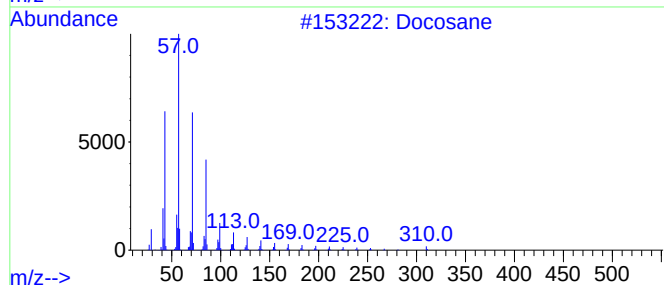
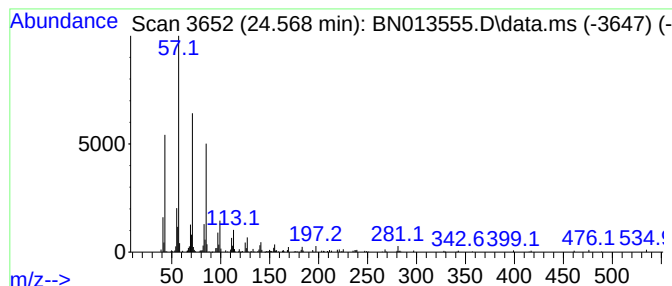
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.570 | 2.35 ng/ul | 497330 | Perylene-d12     | 23.315 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Docosane       | 310 | C22H46  | 000629-97-0 | 87   |
| 2    |    |   | Octadecane     | 254 | C18H38  | 000593-45-3 | 87   |
| 3    |    |   | Tetracosane    | 338 | C24H50  | 000646-31-1 | 87   |
| 4    |    |   | 1-Iodoundecane | 282 | C11H23I | 004282-44-4 | 80   |
| 5    |    |   | Heneicosane    | 296 | C21H44  | 000629-94-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020321\  
Data File : BN013555.D  
Acq On : 03 Feb 2021 14:21  
Operator : CG/JU  
Sample : M1299-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0A50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.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 |
| Heptadecyl hept... | 20.880 | 2.3     | ng/u1 | 460336   | 5                     | 21.145 | 4050550 | 20.0 |
| (DEL) Alkane: S... | 23.230 | 2.6     | ng/u1 | 550686   | 6                     | 23.315 | 4237740 | 20.0 |
| (DEL) Alkane: S... | 23.860 | 2.4     | ng/u1 | 516907   | 6                     | 23.315 | 4237740 | 20.0 |
| (DEL) Alkane: S... | 24.570 | 2.4     | ng/u1 | 497330   | 6                     | 23.315 | 4237740 | 20.0 |