

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009622.D  
 Acq On : 06 Feb 2020 22:47  
 Operator : CG/JU  
 Sample : L1324-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT59

## 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-BN020320MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.075    | 11         | 15       | 23        | rVB   | 34150       | 47164      | 1.74%        | 0.118%     |
| 2      | 3.393    | 67         | 69       | 70        | rBV   | 5832        | 5162       | 0.19%        | 0.013%     |
| 3      | 3.687    | 113        | 119      | 123       | rVB8  | 5443        | 10979      | 0.41%        | 0.028%     |
| 4      | 3.758    | 128        | 131      | 135       | rVB3  | 7260        | 8389       | 0.31%        | 0.021%     |
| 5      | 4.281    | 218        | 220      | 225       | rVB4  | 3310        | 4547       | 0.17%        | 0.011%     |
| 6      | 4.640    | 279        | 281      | 287       | rBV5  | 3665        | 4334       | 0.16%        | 0.011%     |
| 7      | 5.487    | 420        | 425      | 427       | rBV5  | 3284        | 4037       | 0.15%        | 0.010%     |
| 8      | 5.822    | 479        | 482      | 485       | rVB4  | 2555        | 3856       | 0.14%        | 0.010%     |
| 9      | 6.146    | 535        | 537      | 539       | rBV2  | 5307        | 5307       | 0.20%        | 0.013%     |
| 10     | 6.634    | 614        | 620      | 633       | rBV2  | 638228      | 1156151    | 42.72%       | 2.897%     |
| 11     | 6.793    | 640        | 647      | 660       | rBV   | 444585      | 696347     | 25.73%       | 1.745%     |
| 12     | 6.975    | 672        | 678      | 691       | rVB   | 626482      | 983430     | 36.34%       | 2.464%     |
| 13     | 7.434    | 750        | 756      | 767       | rVV   | 634696      | 979203     | 36.18%       | 2.454%     |
| 14     | 7.522    | 767        | 771      | 777       | rVV   | 11854       | 15539      | 0.57%        | 0.039%     |
| 15     | 8.146    | 870        | 877      | 889       | rBV   | 712226      | 1153850    | 42.64%       | 2.891%     |
| 16     | 8.575    | 943        | 950      | 961       | rBV   | 581029      | 934569     | 34.53%       | 2.342%     |
| 17     | 9.022    | 1023       | 1026     | 1031      | rBV3  | 6925        | 8892       | 0.33%        | 0.022%     |
| 18     | 9.287    | 1064       | 1071     | 1082      | rVV   | 486864      | 796960     | 29.45%       | 1.997%     |
| 19     | 9.822    | 1155       | 1162     | 1180      | rBV   | 662626      | 1153548    | 42.63%       | 2.891%     |
| 20     | 10.069   | 1197       | 1204     | 1205      | rBV5  | 5391        | 9533       | 0.35%        | 0.024%     |
| 21     | 10.187   | 1216       | 1224     | 1231      | rBV   | 839531      | 1378343    | 50.93%       | 3.454%     |
| 22     | 10.334   | 1239       | 1249     | 1264      | rBV   | 627695      | 1153215    | 42.61%       | 2.890%     |
| 23     | 11.434   | 1433       | 1436     | 1439      | rBV3  | 4281        | 4207       | 0.16%        | 0.011%     |
| 24     | 11.787   | 1493       | 1496     | 1505      | rVB6  | 9597        | 16331      | 0.60%        | 0.041%     |
| 25     | 12.422   | 1599       | 1604     | 1608      | rVB4  | 2112        | 4186       | 0.15%        | 0.010%     |
| 26     | 12.616   | 1635       | 1637     | 1643      | rVB5  | 2645        | 4324       | 0.16%        | 0.011%     |
| 27     | 12.687   | 1643       | 1649     | 1650      | rBV2  | 3343        | 5384       | 0.20%        | 0.013%     |
| 28     | 12.910   | 1683       | 1687     | 1691      | rBV3  | 6057        | 9595       | 0.35%        | 0.024%     |
| 29     | 12.981   | 1697       | 1699     | 1703      | rBV3  | 2943        | 3884       | 0.14%        | 0.010%     |
| 30     | 13.381   | 1762       | 1767     | 1769      | rBV4  | 3819        | 6538       | 0.24%        | 0.016%     |
| 31     | 13.498   | 1780       | 1787     | 1791      | rBV   | 1096942     | 1506503    | 55.67%       | 3.775%     |
| 32     | 13.546   | 1791       | 1795     | 1801      | rVB   | 260996      | 360279     | 13.31%       | 0.903%     |
| 33     | 13.757   | 1825       | 1831     | 1845      | rBV   | 1320557     | 1875415    | 69.30%       | 4.699%     |
| 34     | 14.010   | 1866       | 1874     | 1878      | rBV3  | 10161       | 16043      | 0.59%        | 0.040%     |

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.075 | 1878 | 1885 | 1893 | rVV  | 1157553 | 1754425 | 64.83% | 4.396% |
| 36 | 14.310 | 1919 | 1925 | 1941 | rBV  | 409172  | 791238  | 29.24% | 1.983% |
| 37 | 14.434 | 1945 | 1946 | 1952 | rVV6 | 8478    | 14615   | 0.54%  | 0.037% |
| 38 | 14.481 | 1952 | 1954 | 1956 | rVV2 | 5867    | 6625    | 0.24%  | 0.017% |
| 39 | 14.534 | 1959 | 1963 | 1967 | rVV6 | 8255    | 16117   | 0.60%  | 0.040% |
| 40 | 14.569 | 1967 | 1969 | 1972 | rVV4 | 4746    | 5791    | 0.21%  | 0.015% |
| 41 | 14.634 | 1976 | 1980 | 1985 | rVV7 | 3832    | 6399    | 0.24%  | 0.016% |
| 42 | 14.698 | 1988 | 1991 | 1994 | rVB4 | 3435    | 3828    | 0.14%  | 0.010% |
| 43 | 14.969 | 2032 | 2037 | 2042 | rVB3 | 13475   | 16156   | 0.60%  | 0.040% |
| 44 | 15.075 | 2048 | 2055 | 2062 | rBV  | 1593520 | 2216112 | 81.89% | 5.553% |
| 45 | 15.222 | 2074 | 2080 | 2092 | rBV  | 472413  | 705208  | 26.06% | 1.767% |
| 46 | 15.322 | 2092 | 2097 | 2100 | rBV2 | 20028   | 26247   | 0.97%  | 0.066% |
| 47 | 15.369 | 2102 | 2105 | 2106 | rBV3 | 4619    | 5685    | 0.21%  | 0.014% |
| 48 | 15.457 | 2117 | 2120 | 2127 | rVB6 | 6845    | 11990   | 0.44%  | 0.030% |
| 49 | 15.669 | 2150 | 2156 | 2157 | rBV3 | 4340    | 6652    | 0.25%  | 0.017% |
| 50 | 15.775 | 2173 | 2174 | 2177 | rVV3 | 4389    | 3971    | 0.15%  | 0.010% |
| 51 | 15.834 | 2179 | 2184 | 2186 | rVV3 | 14167   | 19037   | 0.70%  | 0.048% |
| 52 | 15.857 | 2186 | 2188 | 2192 | rVV5 | 10663   | 12528   | 0.46%  | 0.031% |
| 53 | 15.987 | 2206 | 2210 | 2214 | rBV7 | 5276    | 10501   | 0.39%  | 0.026% |
| 54 | 16.028 | 2214 | 2217 | 2219 | rVB4 | 4901    | 5834    | 0.22%  | 0.015% |
| 55 | 16.081 | 2223 | 2226 | 2229 | rVB4 | 3837    | 4132    | 0.15%  | 0.010% |
| 56 | 16.140 | 2232 | 2236 | 2240 | rVV7 | 3354    | 6499    | 0.24%  | 0.016% |
| 57 | 16.181 | 2240 | 2243 | 2247 | rVB4 | 4870    | 7177    | 0.27%  | 0.018% |
| 58 | 16.222 | 2247 | 2250 | 2251 | rBV2 | 6003    | 5824    | 0.22%  | 0.015% |
| 59 | 16.240 | 2251 | 2253 | 2254 | rVV2 | 7344    | 6393    | 0.24%  | 0.016% |
| 60 | 16.269 | 2256 | 2258 | 2264 | rVV6 | 11055   | 15942   | 0.59%  | 0.040% |
| 61 | 16.322 | 2264 | 2267 | 2268 | rVV3 | 4566    | 4561    | 0.17%  | 0.011% |
| 62 | 16.334 | 2268 | 2269 | 2275 | rVB5 | 8721    | 9011    | 0.33%  | 0.023% |
| 63 | 16.410 | 2275 | 2282 | 2287 | rVB8 | 10991   | 24346   | 0.90%  | 0.061% |
| 64 | 16.563 | 2302 | 2308 | 2309 | rBV5 | 5510    | 6979    | 0.26%  | 0.017% |
| 65 | 16.610 | 2309 | 2316 | 2322 | rVB9 | 25994   | 57931   | 2.14%  | 0.145% |
| 66 | 16.728 | 2330 | 2336 | 2343 | rBV9 | 6364    | 16533   | 0.61%  | 0.041% |
| 67 | 16.828 | 2347 | 2353 | 2359 | rBV  | 1433475 | 2009841 | 74.27% | 5.036% |
| 68 | 16.928 | 2364 | 2370 | 2380 | rBV  | 1703276 | 2370676 | 87.60% | 5.940% |
| 69 | 16.992 | 2380 | 2381 | 2383 | rBV2 | 5585    | 4697    | 0.17%  | 0.012% |
| 70 | 17.034 | 2386 | 2388 | 2390 | rBV3 | 6130    | 5588    | 0.21%  | 0.014% |
| 71 | 17.157 | 2406 | 2409 | 2414 | rBV7 | 7517    | 15686   | 0.58%  | 0.039% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 17.234 | 2420 | 2422 | 2423 | rBV2 | 6199    | 4132    | 0.15%   | 0.010% |
| 73  | 17.363 | 2441 | 2444 | 2447 | rBV4 | 12051   | 18959   | 0.70%   | 0.048% |
| 74  | 17.498 | 2464 | 2467 | 2468 | rBV2 | 6795    | 7263    | 0.27%   | 0.018% |
| 75  | 17.628 | 2486 | 2489 | 2492 | rBV4 | 9311    | 11442   | 0.42%   | 0.029% |
| 76  | 17.716 | 2502 | 2504 | 2506 | rVB3 | 7302    | 4413    | 0.16%   | 0.011% |
| 77  | 17.757 | 2506 | 2511 | 2518 | rBV  | 282821  | 422503  | 15.61%  | 1.059% |
| 78  | 18.057 | 2558 | 2562 | 2567 | rVB8 | 11753   | 19235   | 0.71%   | 0.048% |
| 79  | 18.192 | 2581 | 2585 | 2590 | rVB7 | 16115   | 22061   | 0.82%   | 0.055% |
| 80  | 18.381 | 2615 | 2617 | 2621 | rVB4 | 24813   | 31257   | 1.16%   | 0.078% |
| 81  | 18.622 | 2656 | 2658 | 2665 | rBV7 | 13945   | 21179   | 0.78%   | 0.053% |
| 82  | 18.869 | 2696 | 2700 | 2703 | rBV  | 27215   | 32509   | 1.20%   | 0.081% |
| 83  | 18.898 | 2703 | 2705 | 2708 | rVV3 | 11960   | 11915   | 0.44%   | 0.030% |
| 84  | 19.051 | 2727 | 2731 | 2739 | rBV3 | 79623   | 127930  | 4.73%   | 0.321% |
| 85  | 19.122 | 2739 | 2743 | 2748 | rVB2 | 26484   | 44186   | 1.63%   | 0.111% |
| 86  | 19.233 | 2755 | 2762 | 2771 | rBV  | 2030243 | 2706224 | 100.00% | 6.781% |
| 87  | 20.322 | 2942 | 2947 | 2952 | rVB5 | 45514   | 80298   | 2.97%   | 0.201% |
| 88  | 20.780 | 3022 | 3025 | 3033 | rVB  | 952091  | 1170768 | 43.26%  | 2.934% |
| 89  | 21.039 | 3064 | 3069 | 3074 | rBV  | 1779251 | 2287119 | 84.51%  | 5.731% |
| 90  | 21.227 | 3098 | 3101 | 3106 | rBV  | 160513  | 199666  | 7.38%   | 0.500% |
| 91  | 21.651 | 3169 | 3173 | 3178 | rBV  | 261634  | 340094  | 12.57%  | 0.852% |
| 92  | 22.086 | 3243 | 3247 | 3251 | rBV  | 312591  | 383636  | 14.18%  | 0.961% |
| 93  | 22.198 | 3263 | 3266 | 3271 | rVB  | 195594  | 263370  | 9.73%   | 0.660% |
| 94  | 22.557 | 3323 | 3327 | 3332 | rVB  | 383415  | 482854  | 17.84%  | 1.210% |
| 95  | 23.021 | 3400 | 3406 | 3412 | rBV  | 1555906 | 2538284 | 93.79%  | 6.360% |
| 96  | 23.080 | 3412 | 3416 | 3422 | rVV  | 405456  | 597578  | 22.08%  | 1.497% |
| 97  | 23.157 | 3422 | 3429 | 3436 | rVB2 | 1213865 | 2208588 | 81.61%  | 5.534% |
| 98  | 23.674 | 3512 | 3517 | 3523 | rVB2 | 308911  | 517071  | 19.11%  | 1.296% |
| 99  | 23.745 | 3525 | 3529 | 3537 | rVB2 | 220767  | 394012  | 14.56%  | 0.987% |
| 100 | 24.351 | 3627 | 3632 | 3640 | rVB  | 206688  | 422125  | 15.60%  | 1.058% |

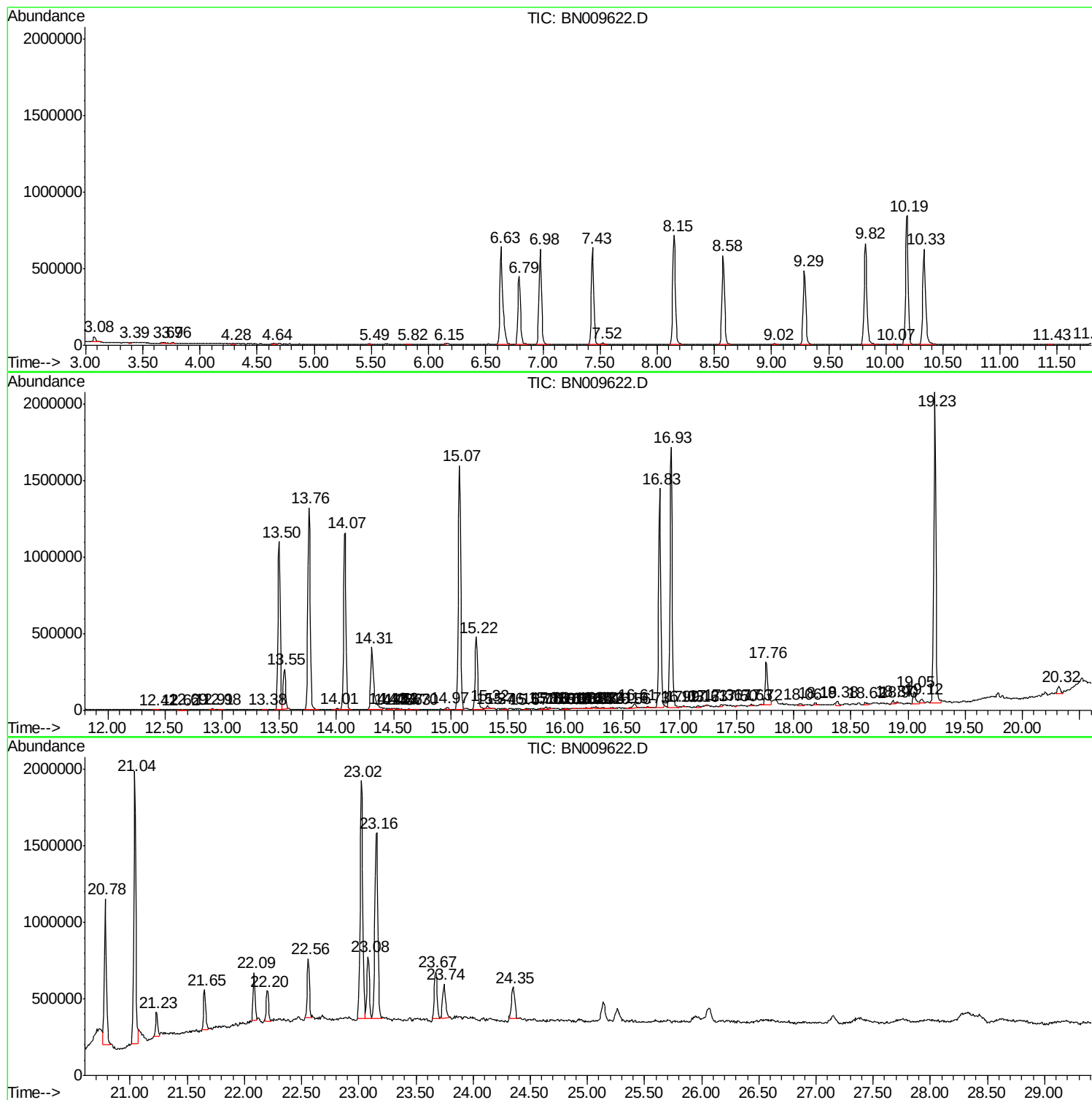
Sum of corrected areas: 39907490

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

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



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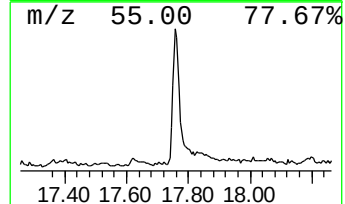
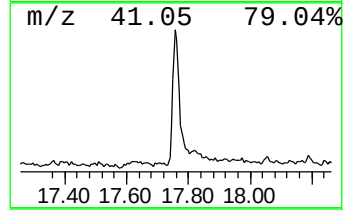
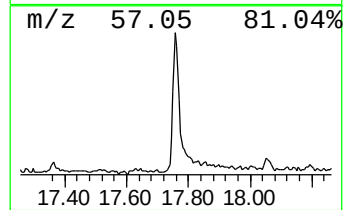
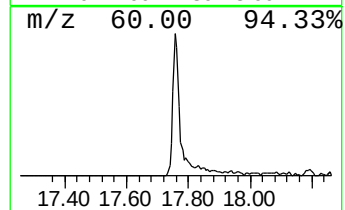
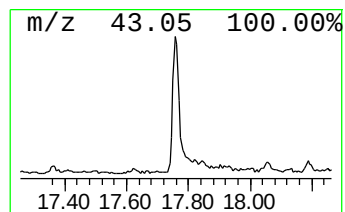
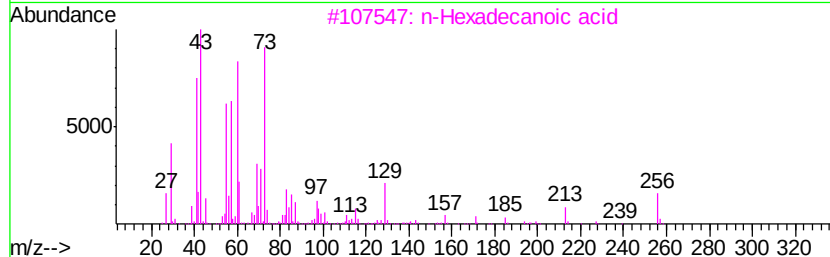
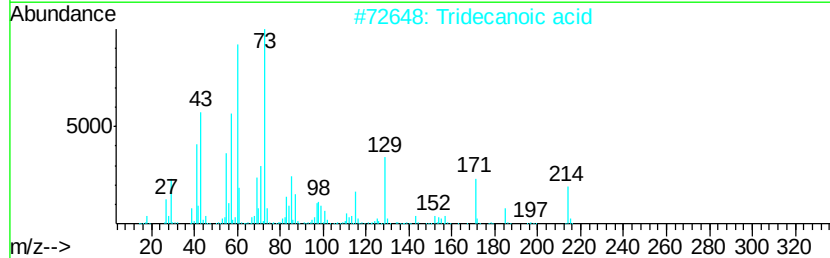
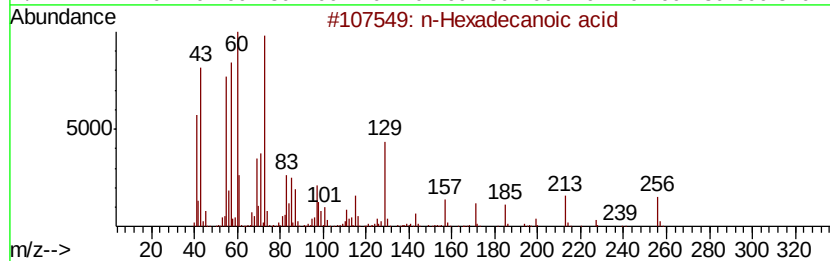
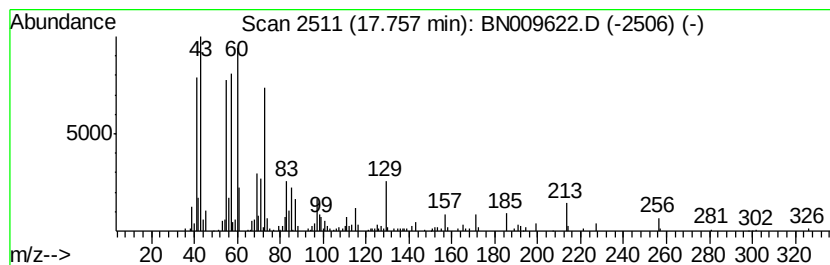
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.76 | 4.20 ng/ul | 422503 | Phenanthrene-d10 | 16.83 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 3    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80   |
| 4    |    | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 64   |
| 5    |    | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 59   |



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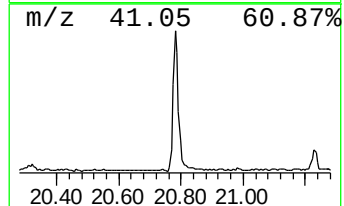
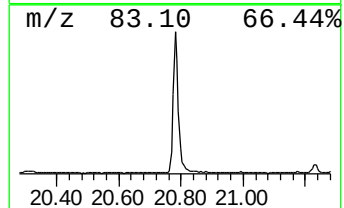
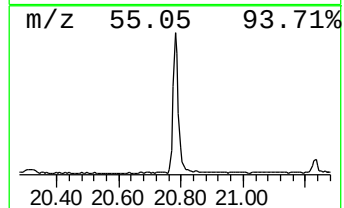
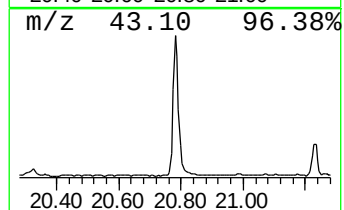
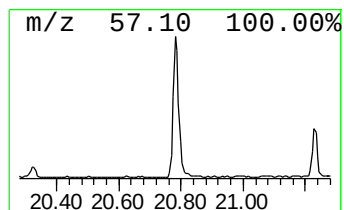
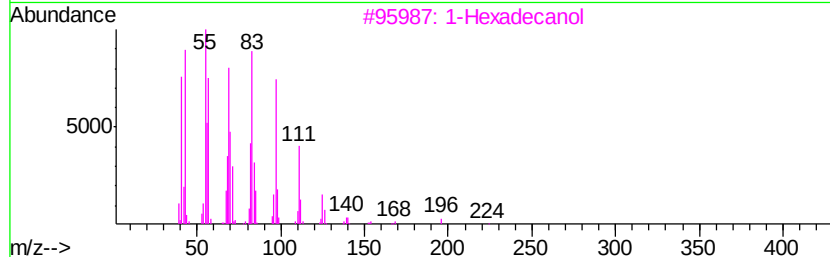
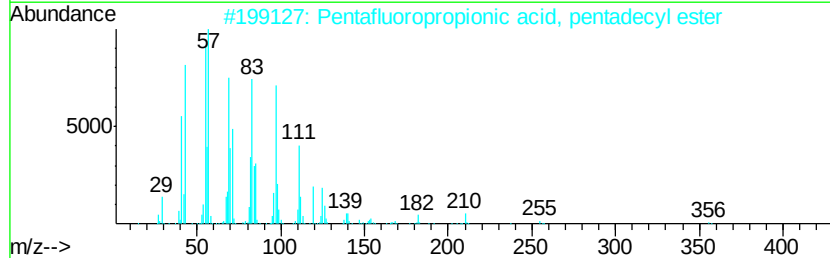
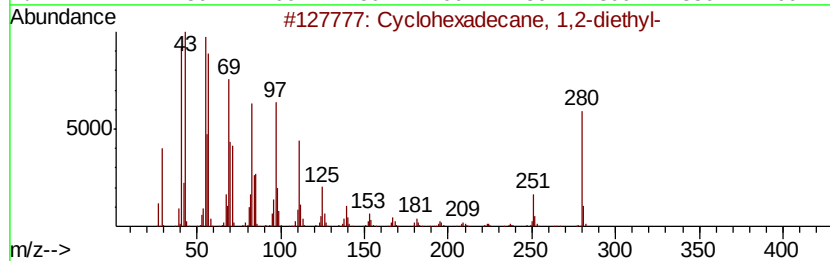
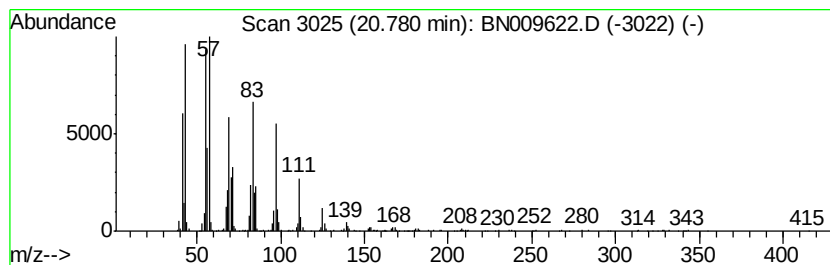
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic20.78 Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 20.78 | 10.24 ng/ul | 1170770 | Chrysene-d12     | 21.04 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cyclohexadecane, 1,2-diethyl-       | 280 | C20H40     | 1000155-85-3 | 92   |
| 2    |    | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 91   |
| 3    |    | 1-Hexadecanol                       | 242 | C16H34O    | 036653-82-4  | 91   |
| 4    |    | 2-Chloropropionic acid, hexadec...  | 332 | C19H37ClO2 | 086711-81-1  | 91   |
| 5    |    | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1000351-87-0 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
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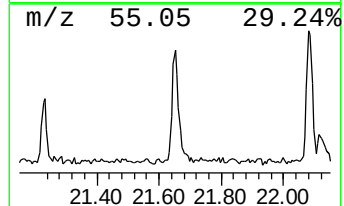
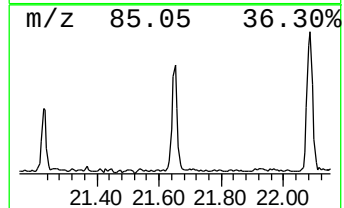
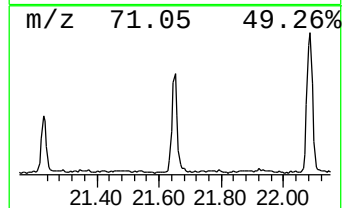
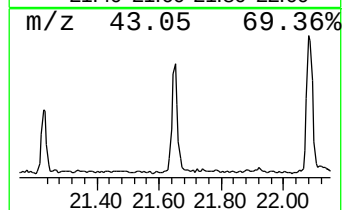
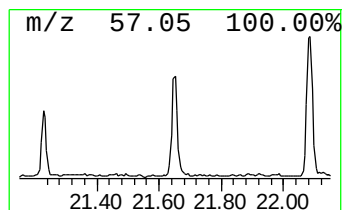
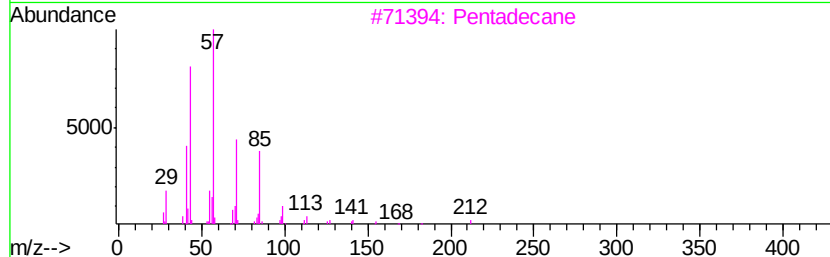
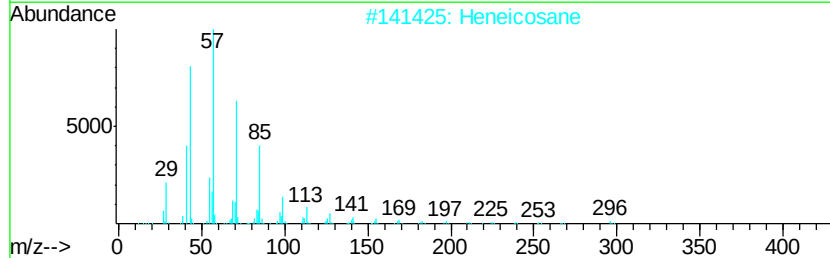
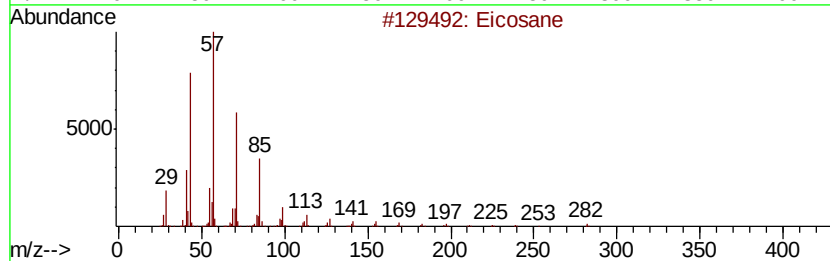
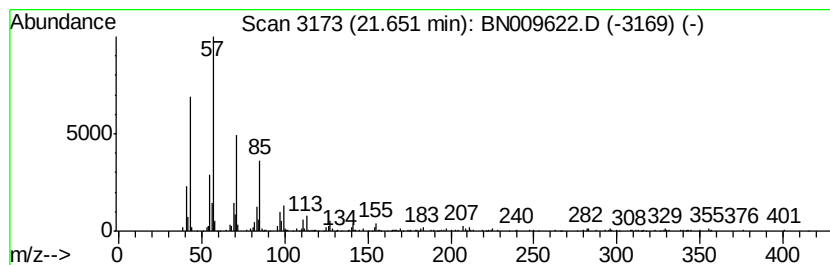
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.    | EstConc              | Area         | Relative to ISTD |         | R.T.        |      |
|---------|----------------------|--------------|------------------|---------|-------------|------|
| 21.65   | 2.97 ng/ul           | 340094       | Chrysene-d12     |         | 21.04       |      |
| Hit# of | 5                    | Tentative ID | MW               | MolForm | CAS#        | Qual |
| 1       | Eicosane             |              | 282              | C20H42  | 000112-95-8 | 98   |
| 2       | Heneicosane          |              | 296              | C21H44  | 000629-94-7 | 98   |
| 3       | Pentadecane          |              | 212              | C15H32  | 000629-62-9 | 94   |
| 4       | Tricosane, 2-methyl- |              | 338              | C24H50  | 001928-30-9 | 91   |
| 5       | Octacosane           |              | 394              | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

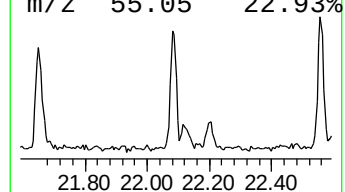
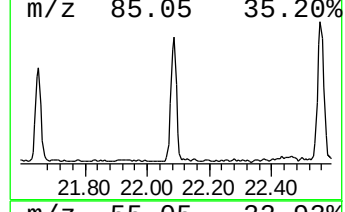
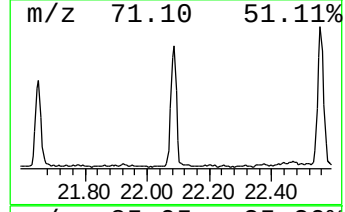
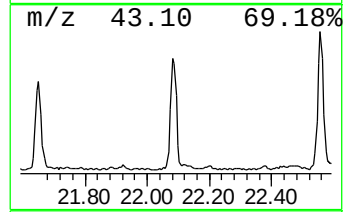
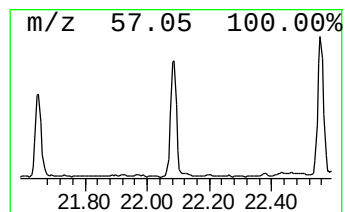
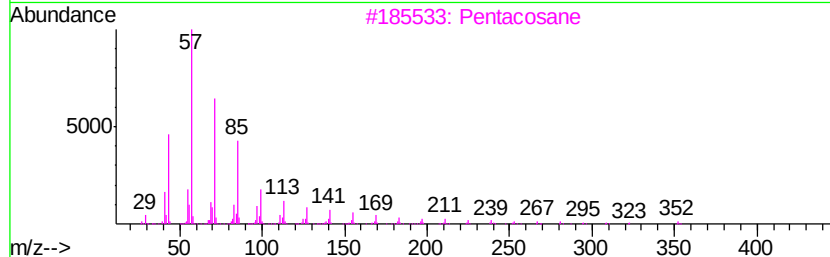
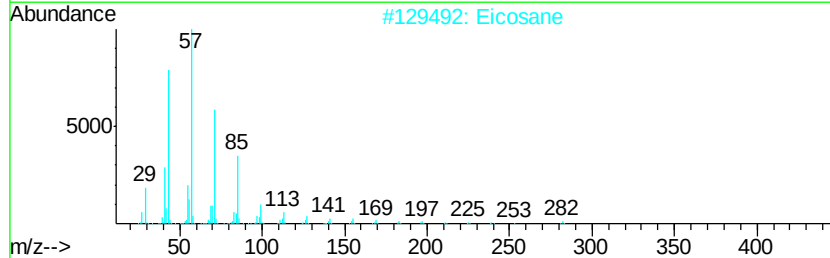
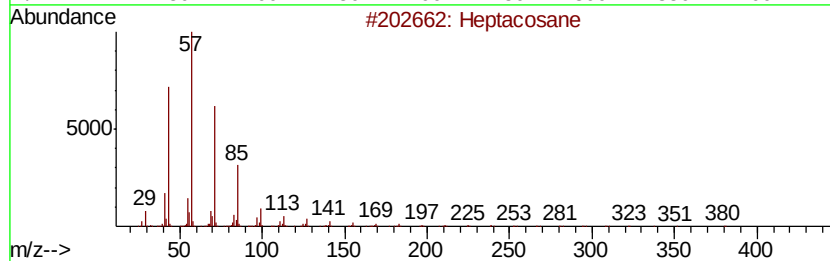
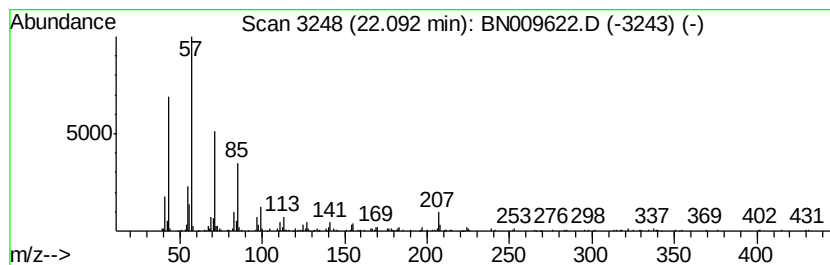
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.09 | 3.35 ng/ul | 383636 | Chrysene-d12     | 21.04 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane           | 380 | C27H56  | 000593-49-7 | 87   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 87   |
| 3    |    | Pentacosane           | 352 | C25H52  | 000629-99-2 | 86   |
| 4    |    | Pentadecane           | 212 | C15H32  | 000629-62-9 | 83   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 76   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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

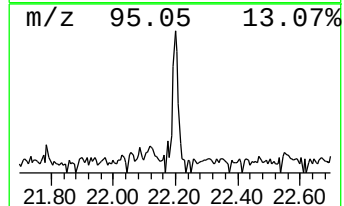
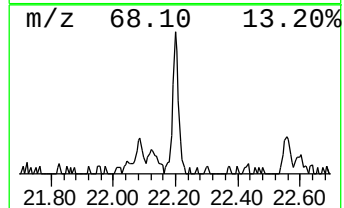
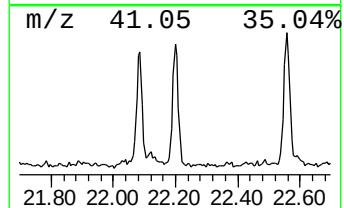
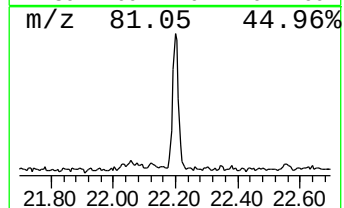
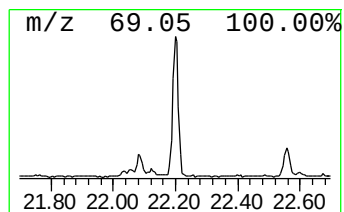
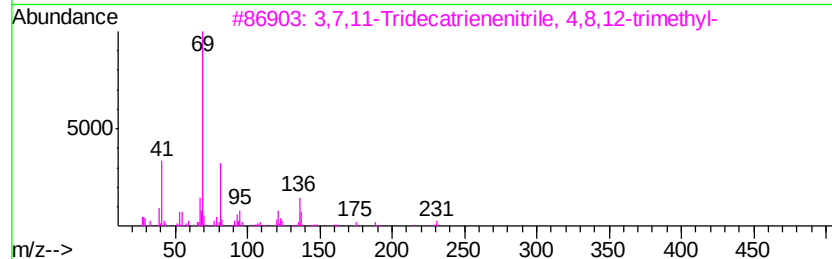
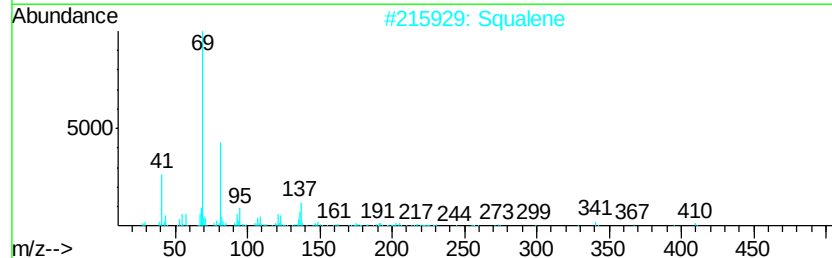
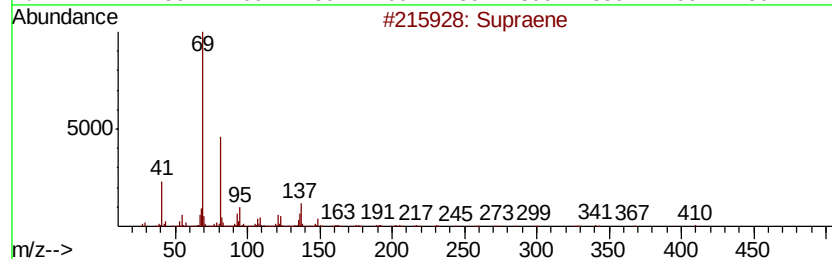
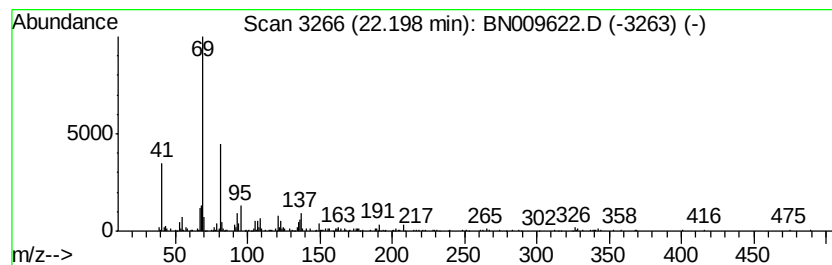
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Supraene Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.20 | 2.38 ng/ul | 263370 | Perylene-d12     | 23.16 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|---------|-------------|------|
| 1       | Supraene                            |              | 410 | C30H50  | 007683-64-9 | 87   |
| 2       | Squalene                            |              | 410 | C30H50  | 000111-02-4 | 83   |
| 3       | 3,7,11-Tridecatrienitrile, 4,8...   |              | 231 | C16H25N | 006006-01-5 | 72   |
| 4       | 4,8,12-Tetradecatrienal, 5,9,13-... |              | 248 | C17H28O | 066408-55-7 | 72   |
| 5       | 2,6-Octadiene, 2,7-dimethyl-        |              | 138 | C10H18  | 016736-42-8 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
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Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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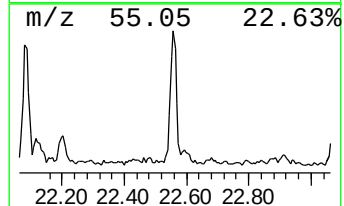
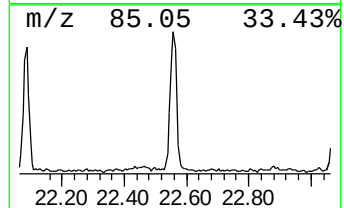
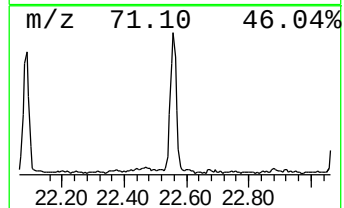
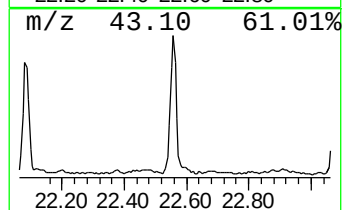
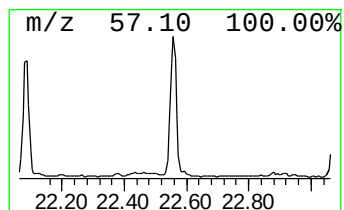
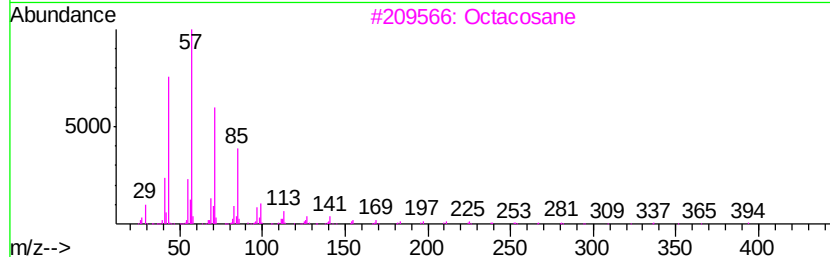
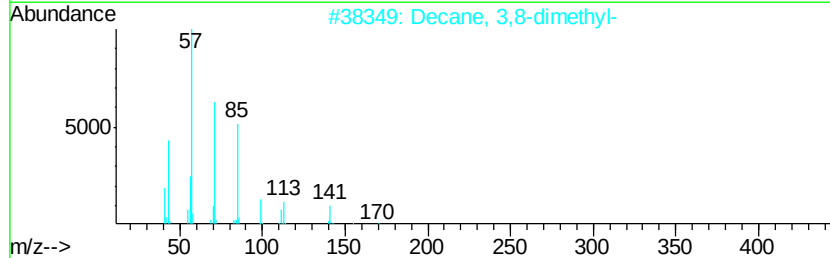
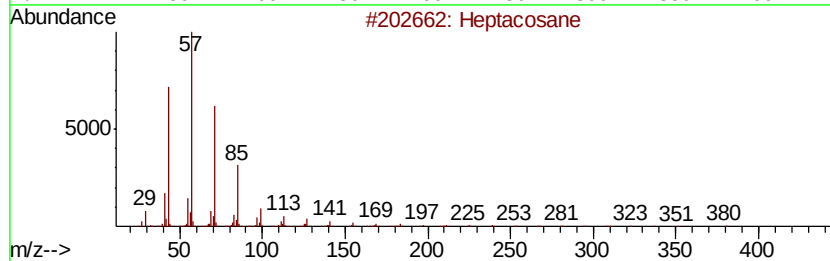
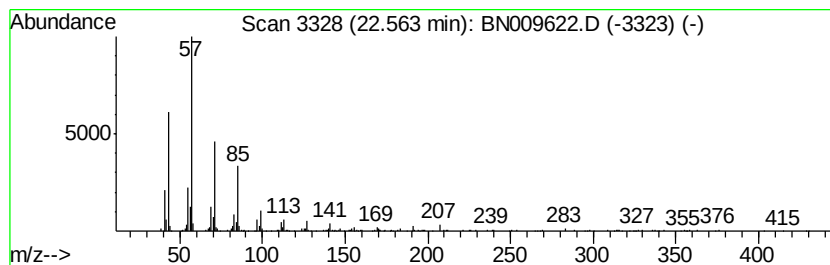
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.56 | 4.37 ng/ul | 482854 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 90   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Tridecane, 7-hexyl-   | 268 | C19H40  | 007225-66-3 | 90   |
| 5    |    | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
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Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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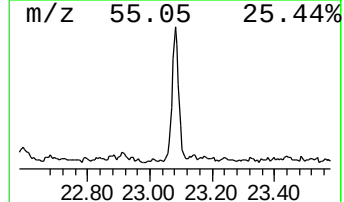
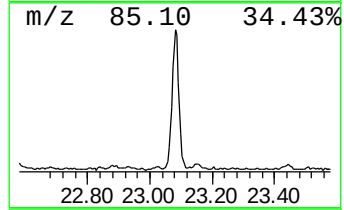
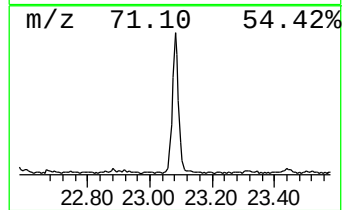
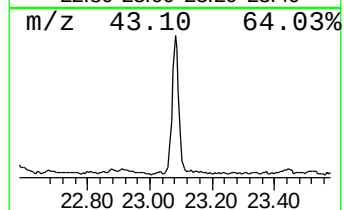
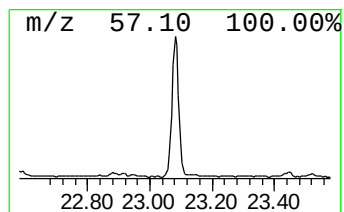
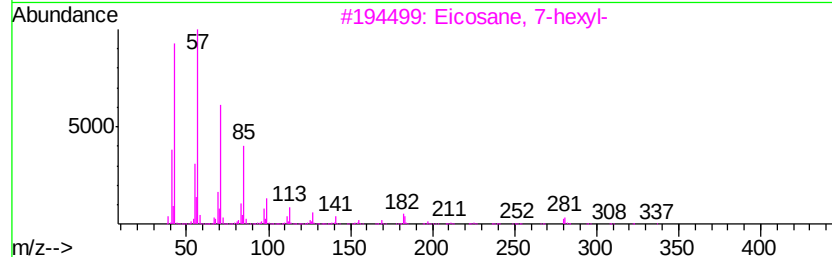
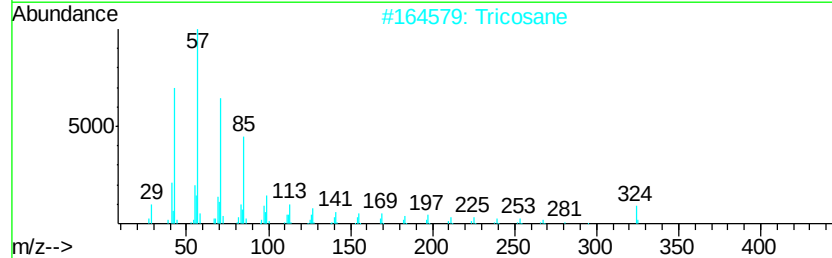
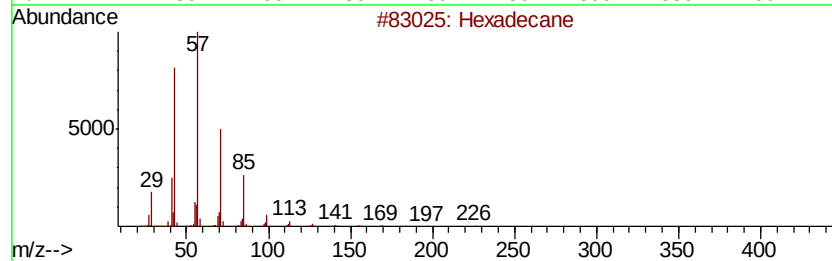
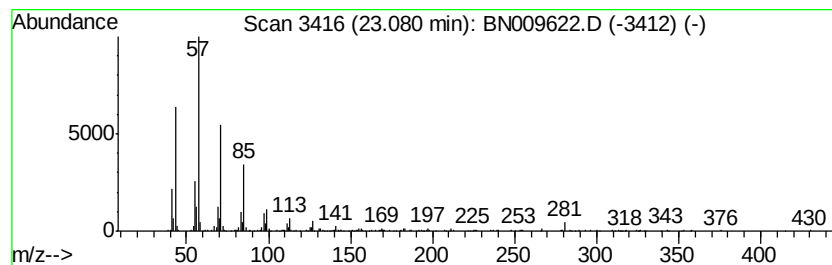
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.08 | 5.41 ng/ul | 597578 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane         | 226 | C16H34  | 000544-76-3 | 90   |
| 2    |    | Tricosane          | 324 | C23H48  | 000638-67-5 | 90   |
| 3    |    | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8 | 90   |
| 4    |    | Heptacosane        | 380 | C27H56  | 000593-49-7 | 87   |
| 5    |    | Tetracosane        | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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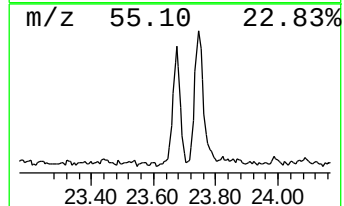
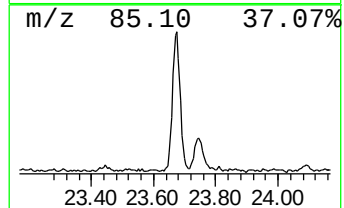
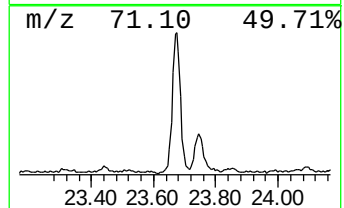
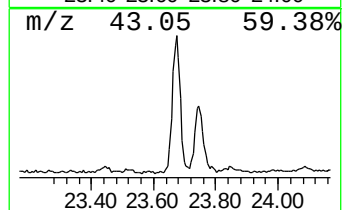
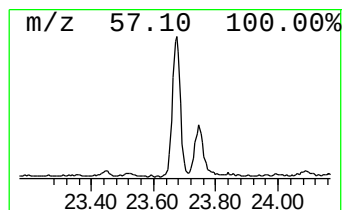
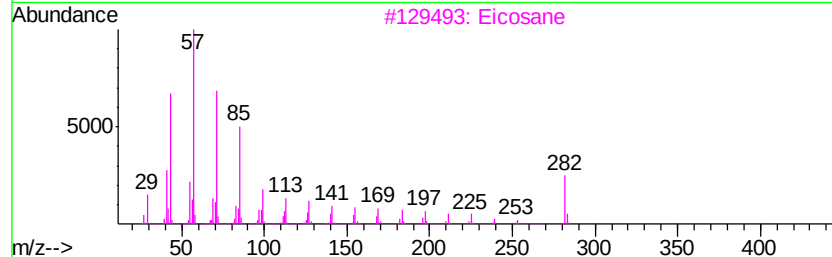
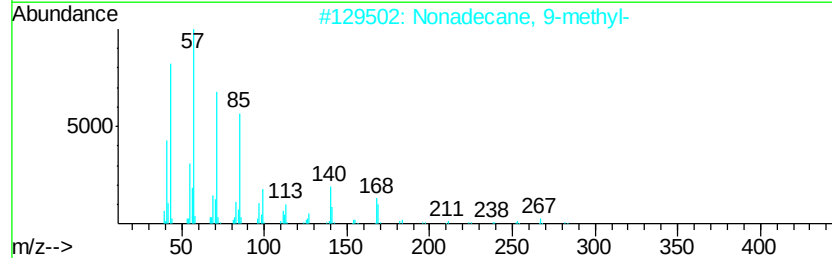
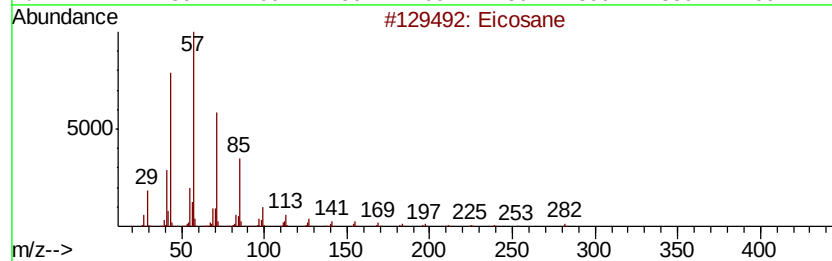
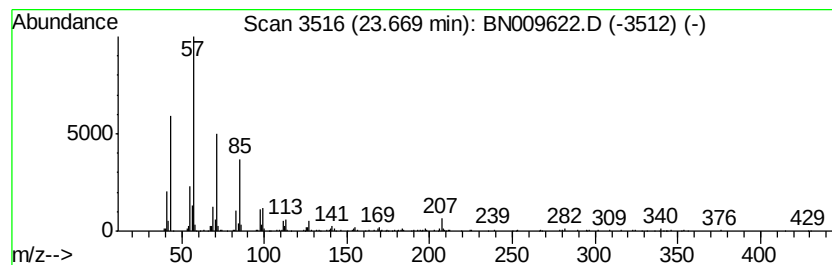
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.67 | 4.68 ng/ul | 517071 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane                     | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Nonadecane, 9-methyl-        | 282 | C20H42  | 013287-24-6 | 91   |
| 3    |    | Eicosane                     | 282 | C20H42  | 000112-95-8 | 87   |
| 4    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 87   |
| 5    |    | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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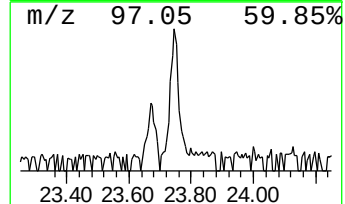
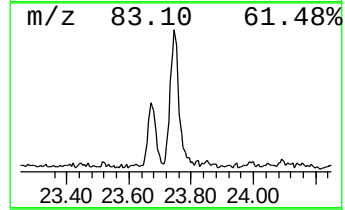
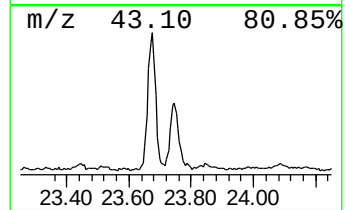
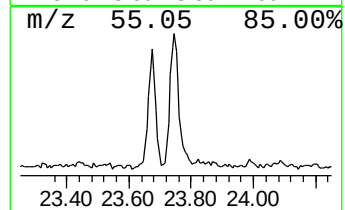
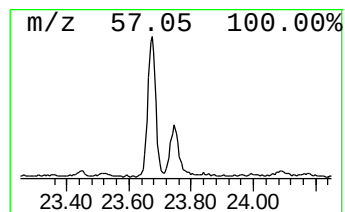
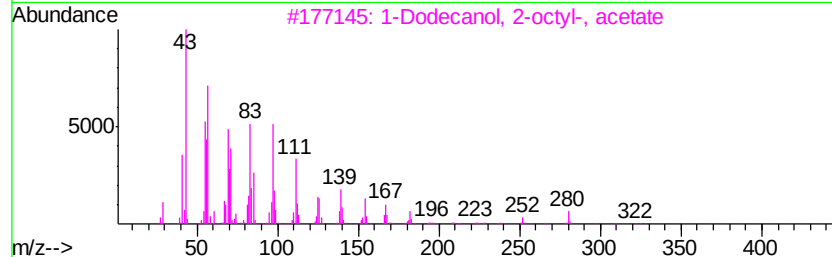
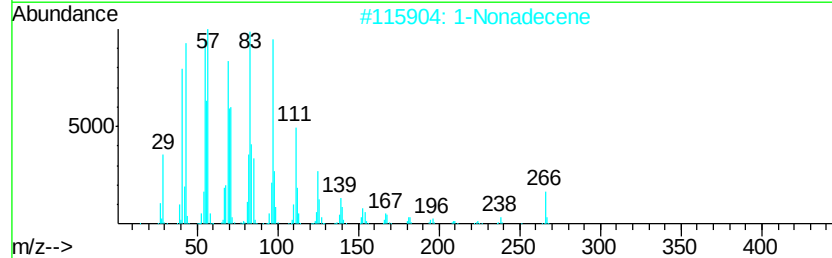
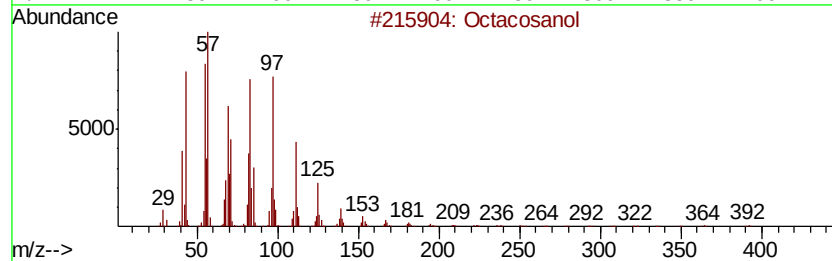
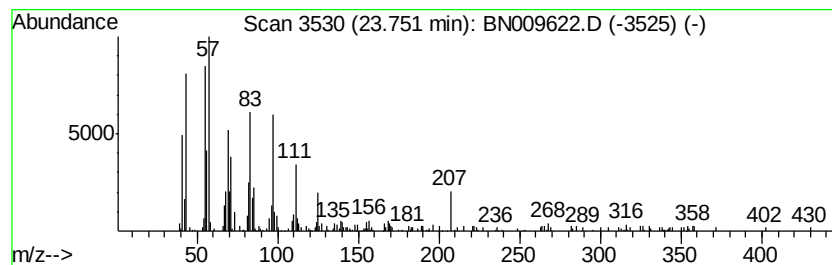
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Octacosanol Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.75 | 3.57 ng/ul | 394012 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | Octacosanol                    | 410 | C28H58O  | 000557-61-9 | 81   |
| 2    |    | 1-Nonadecene                   | 266 | C19H38   | 018435-45-5 | 81   |
| 3    |    | 1-Dodecanol, 2-octyl-, acetate | 340 | C22H44O2 | 074051-84-6 | 80   |
| 4    |    | 1-Heptacosanol                 | 396 | C27H56O  | 002004-39-9 | 76   |
| 5    |    | n-Tetracosanol-1               | 354 | C24H50O  | 000506-51-4 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\  
Data File : BN009622.D  
Acq On : 06 Feb 2020 22:47  
Operator : CG/JU  
Sample : L1324-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GAT59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

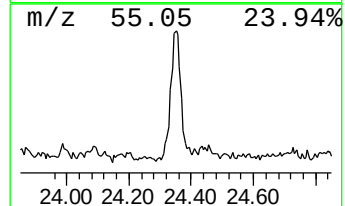
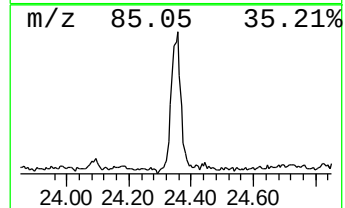
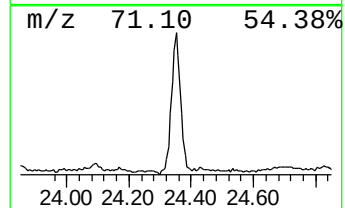
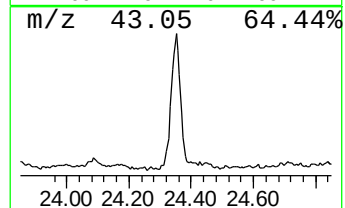
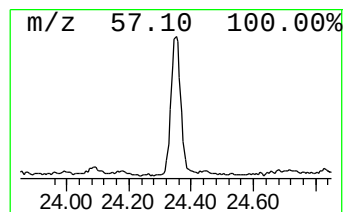
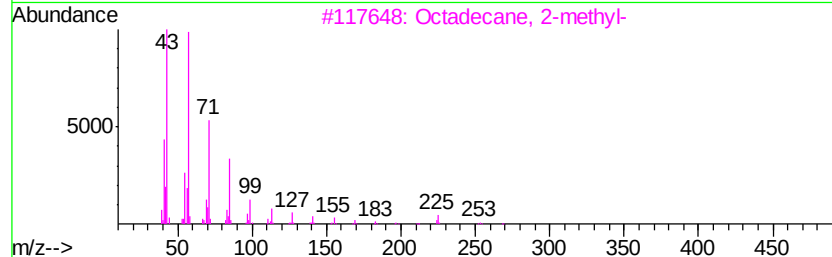
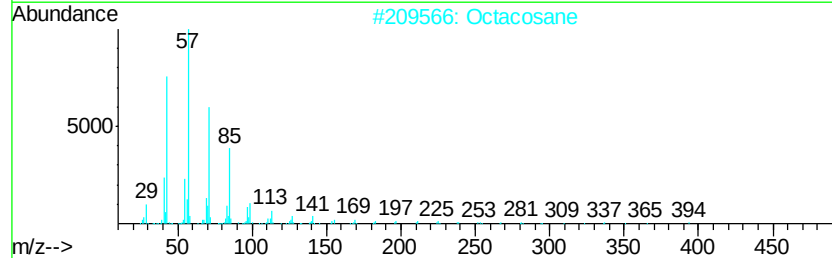
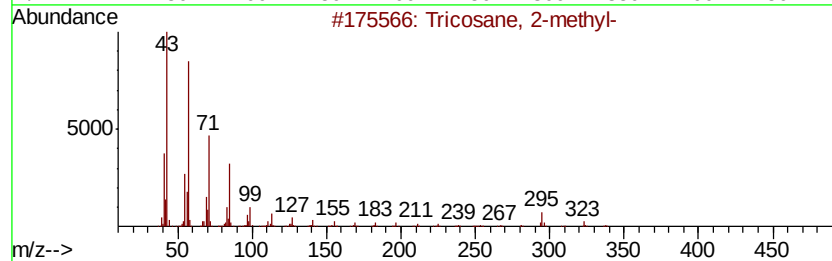
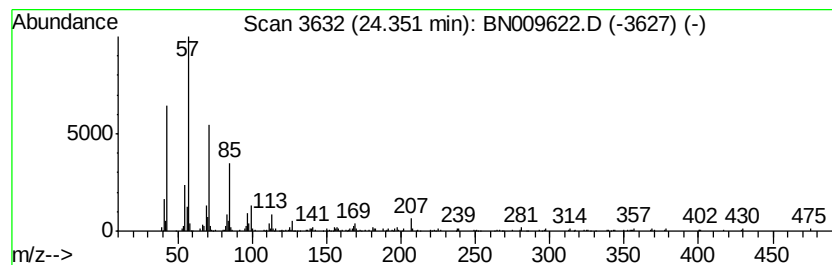
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.35 | 3.82 ng/ul | 422125 | Perylene-d12     | 23.16 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tricosane, 2-methyl-  | 338 | C24H50  | 001928-30-9 | 91   |
| 2    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 87   |
| 3    |    |   | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 83   |
| 4    |    |   | Hexatriacontane       | 507 | C36H74  | 000630-06-8 | 83   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020620\  
 Data File : BN009622.D  
 Acq On : 06 Feb 2020 22:47  
 Operator : CG/JU  
 Sample : L1324-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAT59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.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  | 17.76 | 4.2     | ng/ul | 422503   | 4                     | 16.83 | 2009840 | 20.0 |
| (DEL) Alkane: Cyc... | 20.78 | 10.2    | ng/ul | 1170770  | 5                     | 21.04 | 2287120 | 20.0 |
| (DEL) Alkane: Str... | 21.65 | 3.0     | ng/ul | 340094   | 5                     | 21.04 | 2287120 | 20.0 |
| (DEL) Alkane: Str... | 22.09 | 3.4     | ng/ul | 383636   | 5                     | 21.04 | 2287120 | 20.0 |
| Supraene             | 22.20 | 2.4     | ng/ul | 263370   | 6                     | 23.16 | 2208590 | 20.0 |
| (DEL) Alkane: Str... | 22.56 | 4.4     | ng/ul | 482854   | 6                     | 23.16 | 2208590 | 20.0 |
| (DEL) Alkane: Str... | 23.08 | 5.4     | ng/ul | 597578   | 6                     | 23.16 | 2208590 | 20.0 |
| (DEL) Alkane: Str... | 23.67 | 4.7     | ng/ul | 517071   | 6                     | 23.16 | 2208590 | 20.0 |
| Octacosanol          | 23.75 | 3.6     | ng/ul | 394012   | 6                     | 23.16 | 2208590 | 20.0 |
| (DEL) Alkane: Str... | 24.35 | 3.8     | ng/ul | 422125   | 6                     | 23.16 | 2208590 | 20.0 |