

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030419\  
 Data File : BN004613.D  
 Acq On : 05 Mar 2019 03:19  
 Operator : JU/SJ  
 Sample : K1606-07  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF5C8

## 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-BN020719MA.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         | 3.234       | 39            | 42          | 48           | rVB      | 4814           | 6969          | 0.84%           | 0.079%        |
| 2         | 3.428       | 73            | 75          | 78           | rVB2     | 1017           | 879           | 0.11%           | 0.010%        |
| 3         | 3.599       | 103           | 104         | 107          | rBV3     | 770            | 961           | 0.12%           | 0.011%        |
| 4         | 3.752       | 127           | 130         | 132          | rBV3     | 821            | 1041          | 0.13%           | 0.012%        |
| 5         | 4.858       | 313           | 318         | 320          | rBV      | 957            | 1281          | 0.15%           | 0.015%        |
| 6         | 6.828       | 650           | 653         | 656          | rBB      | 633            | 846           | 0.10%           | 0.010%        |
| 7         | 6.887       | 657           | 663         | 672          | rBB      | 68656          | 112076        | 13.48%          | 1.273%        |
| 8         | 7.069       | 689           | 694         | 704          | rBB      | 51088          | 78527         | 9.44%           | 0.892%        |
| 9         | 7.258       | 721           | 726         | 733          | rBB      | 74129          | 113427        | 13.64%          | 1.288%        |
| 10        | 7.728       | 801           | 806         | 812          | rBB      | 107065         | 164992        | 19.84%          | 1.874%        |
| 11        | 8.422       | 919           | 924         | 931          | rBB      | 96401          | 143541        | 17.26%          | 1.630%        |
| 12        | 8.481       | 931           | 934         | 936          | rBB      | 1101           | 1172          | 0.14%           | 0.013%        |
| 13        | 8.893       | 998           | 1004        | 1010         | rBB      | 64258          | 101897        | 12.25%          | 1.157%        |
| 14        | 9.252       | 1059          | 1065        | 1068         | rBB      | 6934           | 9647          | 1.16%           | 0.110%        |
| 15        | 9.552       | 1113          | 1116        | 1120         | rBV      | 1299           | 1770          | 0.21%           | 0.020%        |
| 16        | 9.604       | 1120          | 1125        | 1131         | rVV      | 54190          | 80022         | 9.62%           | 0.909%        |
| 17        | 9.651       | 1131          | 1133        | 1140         | rVB      | 1864           | 2255          | 0.27%           | 0.026%        |
| 18        | 10.128      | 1209          | 1214        | 1221         | rBB      | 102923         | 161829        | 19.46%          | 1.838%        |
| 19        | 10.222      | 1225          | 1230        | 1244         | rBB      | 68838          | 117901        | 14.18%          | 1.339%        |
| 20        | 10.516      | 1273          | 1280        | 1287         | rBB      | 167010         | 272425        | 32.76%          | 3.094%        |
| 21        | 10.657      | 1298          | 1304        | 1308         | rBV      | 59837          | 98188         | 11.81%          | 1.115%        |
| 22        | 10.698      | 1308          | 1311        | 1319         | rVB      | 80772          | 127540        | 15.34%          | 1.449%        |
| 23        | 12.022      | 1532          | 1536        | 1539         | rBB      | 1692           | 1824          | 0.22%           | 0.021%        |
| 24        | 12.104      | 1547          | 1550        | 1552         | rBB      | 1081           | 1138          | 0.14%           | 0.013%        |
| 25        | 13.781      | 1829          | 1835        | 1839         | rBV      | 189911         | 256581        | 30.85%          | 2.914%        |
| 26        | 13.828      | 1839          | 1843        | 1847         | rVB      | 22901          | 29344         | 3.53%           | 0.333%        |
| 27        | 14.063      | 1877          | 1883        | 1889         | rBV      | 224053         | 314375        | 37.80%          | 3.571%        |
| 28        | 14.316      | 1922          | 1926        | 1929         | rBV      | 2525           | 3967          | 0.48%           | 0.045%        |
| 29        | 14.369      | 1929          | 1935        | 1941         | rVB2     | 270910         | 393498        | 47.32%          | 4.470%        |
| 30        | 14.563      | 1963          | 1968        | 1975         | rBB      | 70257          | 94580         | 11.37%          | 1.074%        |
| 31        | 14.728      | 1993          | 1996        | 1999         | rBB2     | 1674           | 2143          | 0.26%           | 0.024%        |
| 32        | 15.363      | 2098          | 2104        | 2110         | rBB      | 337534         | 458846        | 55.17%          | 5.212%        |
| 33        | 15.481      | 2120          | 2124        | 2129         | rBV      | 57411          | 69415         | 8.35%           | 0.788%        |
| 34        | 15.551      | 2134          | 2136        | 2138         | rBB      | 1287           | 1021          | 0.12%           | 0.012%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.604 | 2142 | 2145 | 2147 | rBB  | 1568   | 1736   | 0.21%  | 0.020% |
| 36 | 15.639 | 2148 | 2151 | 2155 | rBB  | 917    | 1125   | 0.14%  | 0.013% |
| 37 | 15.739 | 2165 | 2168 | 2171 | rBB  | 1709   | 1843   | 0.22%  | 0.021% |
| 38 | 16.069 | 2221 | 2224 | 2228 | rBV  | 3559   | 4504   | 0.54%  | 0.051% |
| 39 | 16.134 | 2231 | 2235 | 2241 | rBV  | 1467   | 2858   | 0.34%  | 0.032% |
| 40 | 16.192 | 2241 | 2245 | 2248 | rVB2 | 1614   | 2082   | 0.25%  | 0.024% |
| 41 | 16.298 | 2256 | 2263 | 2264 | rBV2 | 19490  | 25647  | 3.08%  | 0.291% |
| 42 | 16.328 | 2264 | 2268 | 2276 | rVV  | 165525 | 215573 | 25.92% | 2.449% |
| 43 | 16.381 | 2276 | 2277 | 2280 | rVB  | 1737   | 1183   | 0.14%  | 0.013% |
| 44 | 16.433 | 2283 | 2286 | 2288 | rBV  | 1200   | 1368   | 0.16%  | 0.016% |
| 45 | 16.457 | 2288 | 2290 | 2293 | rVV  | 1619   | 1691   | 0.20%  | 0.019% |
| 46 | 16.504 | 2294 | 2298 | 2304 | rVB6 | 4532   | 8422   | 1.01%  | 0.096% |
| 47 | 16.581 | 2308 | 2311 | 2315 | rBB  | 2072   | 2508   | 0.30%  | 0.028% |
| 48 | 16.651 | 2320 | 2323 | 2326 | rBB  | 1571   | 1866   | 0.22%  | 0.021% |
| 49 | 16.828 | 2350 | 2353 | 2356 | rBV  | 7465   | 7895   | 0.95%  | 0.090% |
| 50 | 16.869 | 2356 | 2360 | 2363 | rVV3 | 7192   | 9382   | 1.13%  | 0.107% |
| 51 | 16.910 | 2363 | 2367 | 2369 | rVB2 | 2517   | 2498   | 0.30%  | 0.028% |
| 52 | 17.116 | 2396 | 2402 | 2408 | rBV2 | 372076 | 512661 | 61.65% | 5.823% |
| 53 | 17.163 | 2408 | 2410 | 2413 | rVV  | 1349   | 1481   | 0.18%  | 0.017% |
| 54 | 17.216 | 2413 | 2419 | 2427 | rVB  | 391376 | 527672 | 63.45% | 5.994% |
| 55 | 17.410 | 2446 | 2452 | 2458 | rBB2 | 9382   | 15853  | 1.91%  | 0.180% |
| 56 | 17.492 | 2462 | 2466 | 2468 | rBV2 | 2114   | 2767   | 0.33%  | 0.031% |
| 57 | 17.539 | 2472 | 2474 | 2476 | rVB  | 1812   | 1603   | 0.19%  | 0.018% |
| 58 | 17.598 | 2481 | 2484 | 2487 | rBV2 | 2056   | 2281   | 0.27%  | 0.026% |
| 59 | 17.680 | 2495 | 2498 | 2499 | rBV  | 2582   | 2119   | 0.25%  | 0.024% |
| 60 | 17.698 | 2499 | 2501 | 2503 | rVB2 | 1709   | 1407   | 0.17%  | 0.016% |
| 61 | 17.722 | 2503 | 2505 | 2507 | rBV  | 1028   | 1266   | 0.15%  | 0.014% |
| 62 | 17.775 | 2510 | 2514 | 2518 | rBV2 | 1733   | 2657   | 0.32%  | 0.030% |
| 63 | 17.833 | 2522 | 2524 | 2527 | rVB2 | 1194   | 1411   | 0.17%  | 0.016% |
| 64 | 17.880 | 2527 | 2532 | 2537 | rBV2 | 4195   | 9980   | 1.20%  | 0.113% |
| 65 | 18.004 | 2547 | 2553 | 2563 | rBV  | 83384  | 123314 | 14.83% | 1.401% |
| 66 | 18.075 | 2563 | 2565 | 2572 | rVB2 | 2966   | 5567   | 0.67%  | 0.063% |
| 67 | 18.269 | 2593 | 2598 | 2599 | rBV2 | 2990   | 4374   | 0.53%  | 0.050% |
| 68 | 18.298 | 2601 | 2603 | 2606 | rVB4 | 3515   | 3426   | 0.41%  | 0.039% |
| 69 | 18.345 | 2608 | 2611 | 2615 | rVV3 | 3290   | 5601   | 0.67%  | 0.064% |
| 70 | 18.427 | 2620 | 2625 | 2629 | rBV4 | 1530   | 3094   | 0.37%  | 0.035% |
| 71 | 18.492 | 2631 | 2636 | 2640 | rBV6 | 3353   | 7420   | 0.89%  | 0.084% |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 72 | 18.586 | 2650 | 2652 | 2653 | rBV2 | 1194   | 885    | 0.11%   | 0.010% |
| 73 | 19.145 | 2744 | 2747 | 2749 | rBV2 | 7143   | 9533   | 1.15%   | 0.108% |
| 74 | 19.186 | 2751 | 2754 | 2760 | rVB4 | 18002  | 26267  | 3.16%   | 0.298% |
| 75 | 19.286 | 2767 | 2771 | 2780 | rBV  | 37375  | 58566  | 7.04%   | 0.665% |
| 76 | 19.516 | 2805 | 2810 | 2817 | rBV  | 515118 | 710221 | 85.40%  | 8.067% |
| 77 | 20.445 | 2966 | 2968 | 2973 | rVB  | 27489  | 30552  | 3.67%   | 0.347% |
| 78 | 20.745 | 3016 | 3019 | 3022 | rBV  | 34056  | 37905  | 4.56%   | 0.431% |
| 79 | 21.016 | 3062 | 3065 | 3068 | rBV  | 60617  | 75076  | 9.03%   | 0.853% |
| 80 | 21.221 | 3096 | 3100 | 3105 | rBV  | 252452 | 266414 | 32.04%  | 3.026% |
| 81 | 21.316 | 3111 | 3116 | 3122 | rBV  | 622882 | 774404 | 93.12%  | 8.796% |
| 82 | 21.892 | 3211 | 3214 | 3217 | rVB  | 54993  | 55411  | 6.66%   | 0.629% |
| 83 | 22.157 | 3256 | 3259 | 3265 | rVB3 | 73046  | 91941  | 11.06%  | 1.044% |
| 84 | 22.357 | 3290 | 3293 | 3302 | rVB2 | 77680  | 117206 | 14.09%  | 1.331% |
| 85 | 22.863 | 3377 | 3379 | 3387 | rVB  | 95989  | 132797 | 15.97%  | 1.508% |
| 86 | 23.439 | 3471 | 3477 | 3483 | rBV  | 467819 | 831624 | 100.00% | 9.446% |
| 87 | 23.580 | 3496 | 3501 | 3510 | rVB2 | 358756 | 689016 | 82.85%  | 7.826% |
| 88 | 24.845 | 3711 | 3716 | 3722 | rBV2 | 58931  | 141929 | 17.07%  | 1.612% |

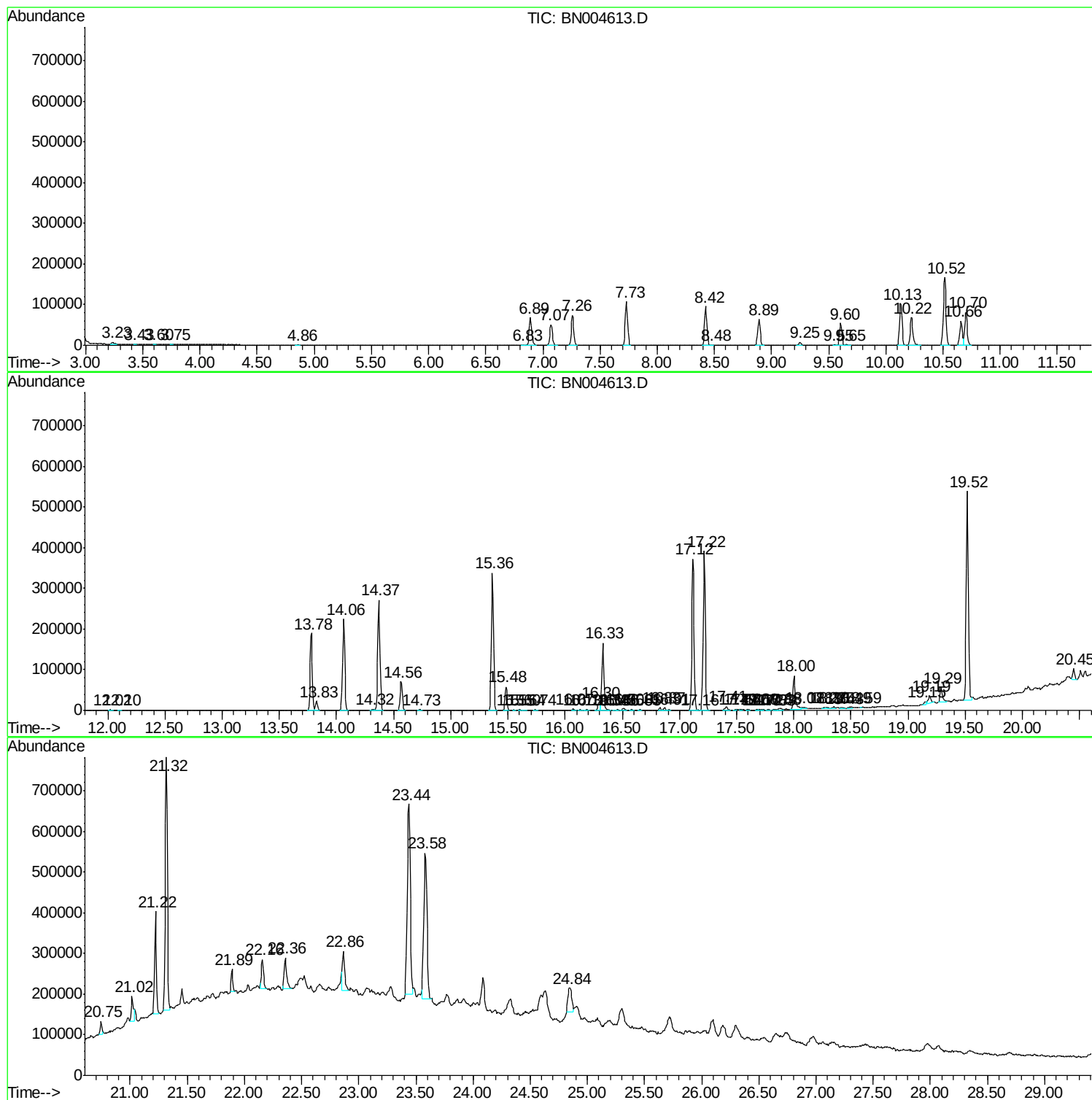
Sum of corrected areas: 8803800

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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ALS Vial : 30 Sample Multiplier: 1

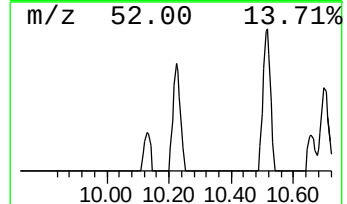
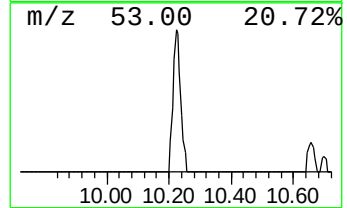
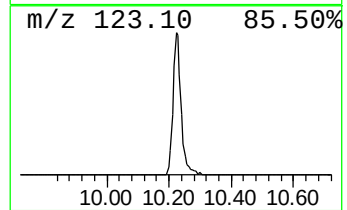
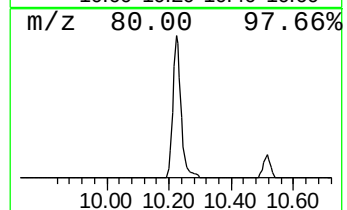
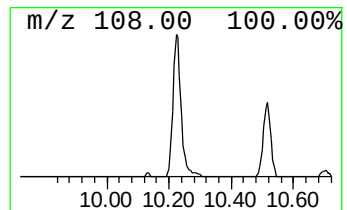
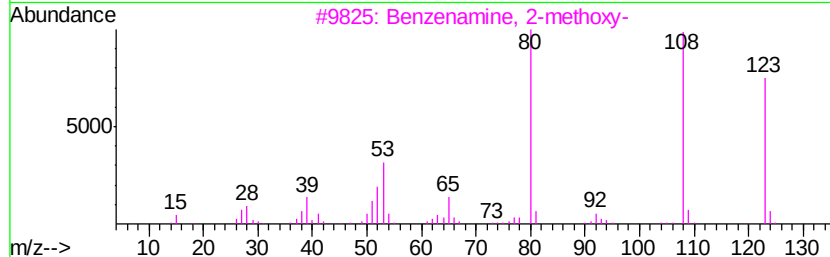
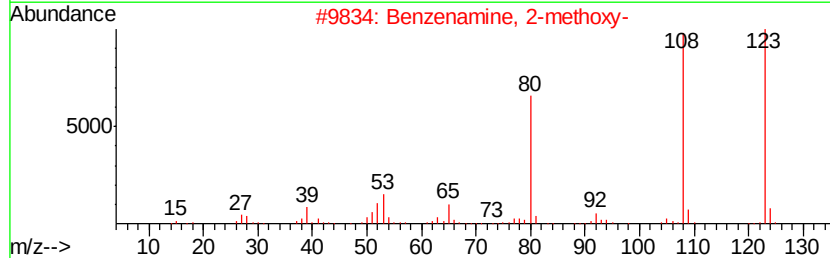
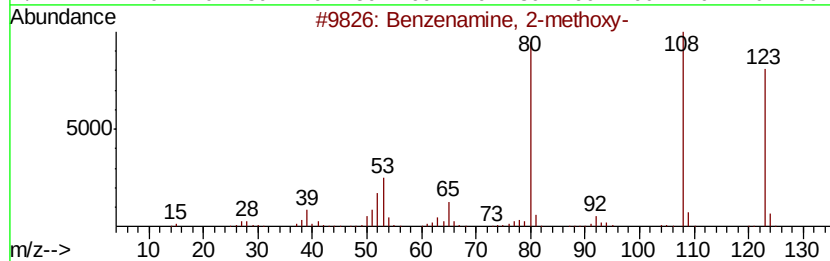
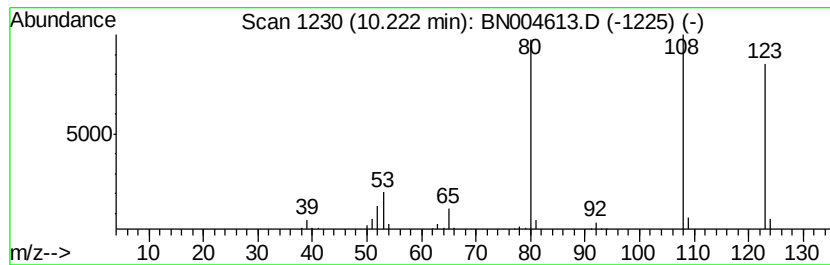
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Benzenamine, 2-methoxy- Concentration Rank 1

| R.T.      | EstConc                   | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------------|--------|------------------|-------------|------|
| 10.22     | 8.66 ng/ul                | 117901 | Napthalene-d8    | 10.52       |      |
| Hit# of 5 | Tentative ID              | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzenamine, 2-methoxy-   | 123    | C7H9NO           | 000090-04-0 | 96   |
| 2         | Benzenamine, 2-methoxy-   | 123    | C7H9NO           | 000090-04-0 | 95   |
| 3         | Benzenamine, 2-methoxy-   | 123    | C7H9NO           | 000090-04-0 | 94   |
| 4         | 2-Pyridinamine, 5-methyl- | 108    | C6H8N2           | 001603-41-4 | 72   |
| 5         | 1,4-Benzenediamine        | 108    | C6H8N2           | 000106-50-3 | 72   |



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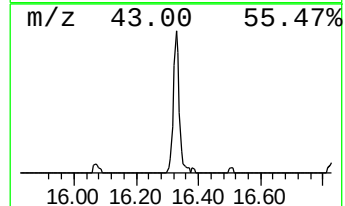
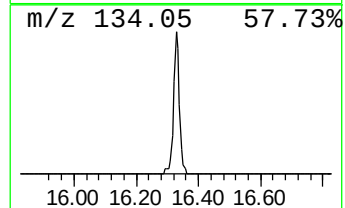
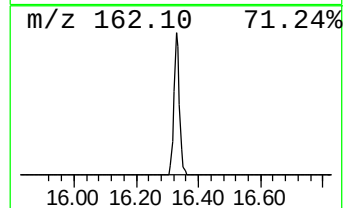
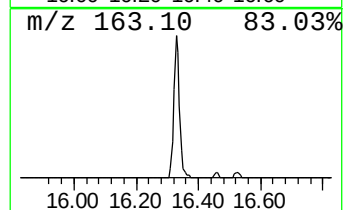
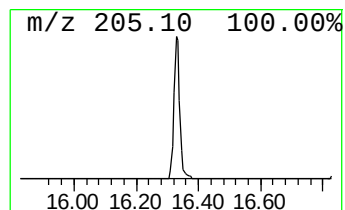
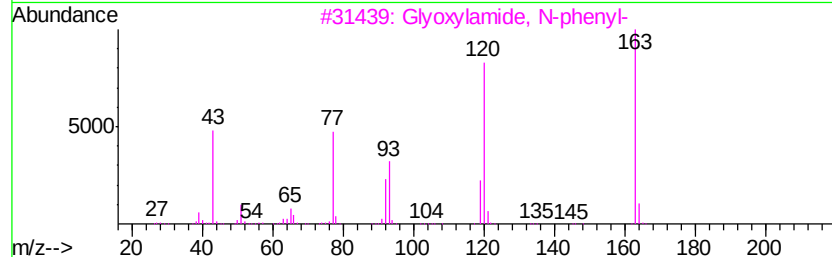
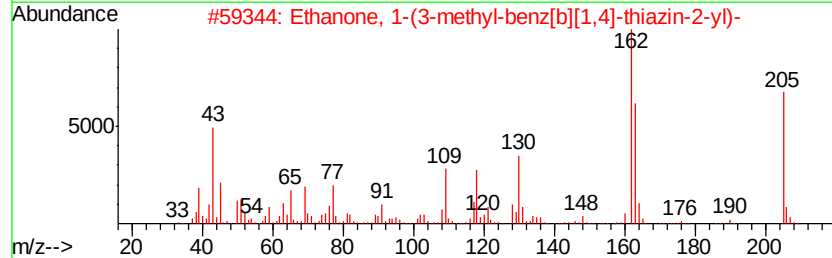
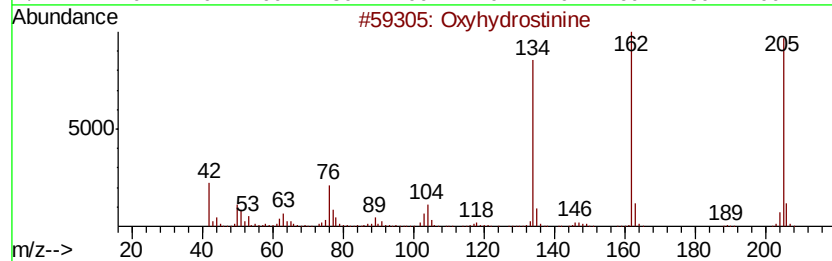
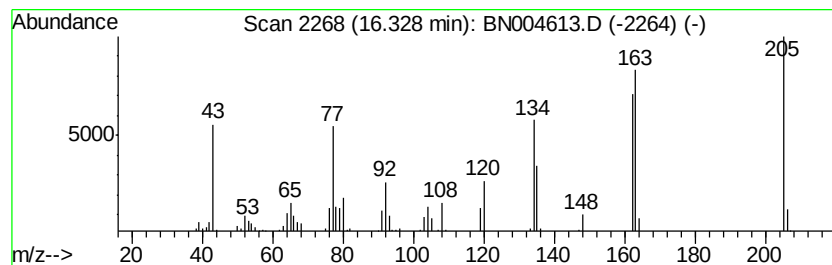
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 16.33 | 8.41 ng/ul | 215573 | Phenanthrene-d10 | 17.12 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Oxyhydrostinine                      | 205 | C11H11NO3 | 000552-29-4 | 43   |
| 2    |    |   | Ethanone, 1-(3-methyl-benz[b]f[1,... | 205 | C11H11NOS | 031645-94-0 | 38   |
| 3    |    |   | Glyoxylamide, N-phenyl-              | 163 | C9H9NO2   | 032331-52-5 | 27   |
| 4    |    |   | N-(4-Formyl-phenyl)-N-methyl-for...  | 163 | C9H9NO2   | 079213-80-2 | 22   |
| 5    |    |   | 1H-1,2,3-Triazole, 4-methyl-5-(5...  | 163 | C7H9N5    | 051719-86-9 | 22   |



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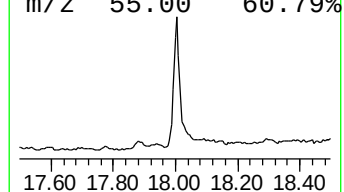
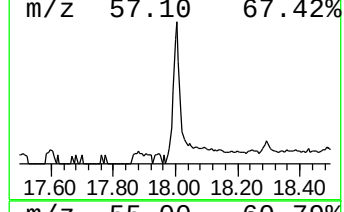
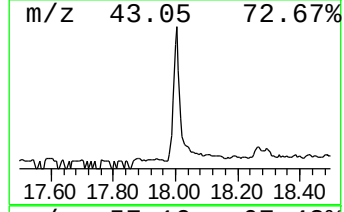
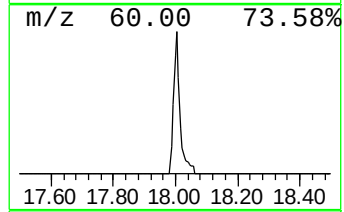
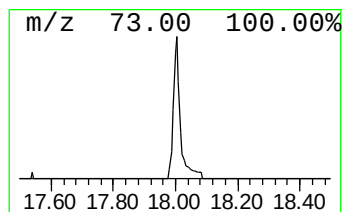
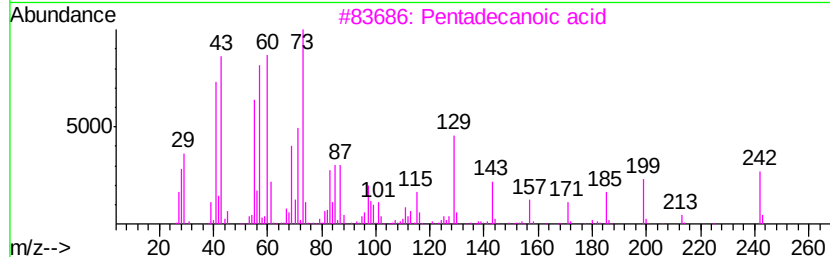
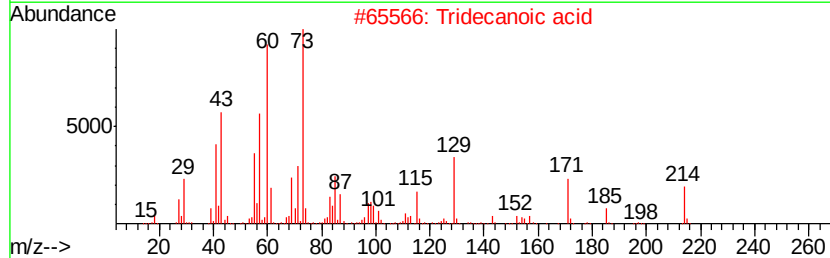
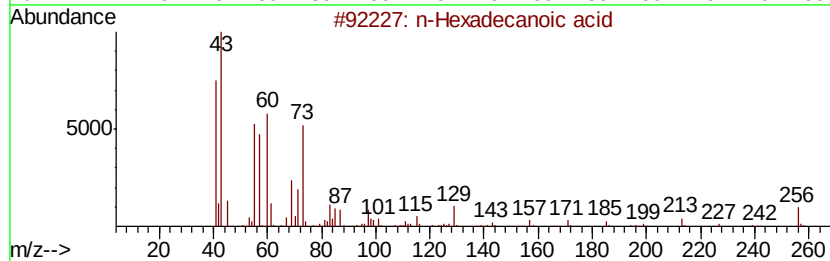
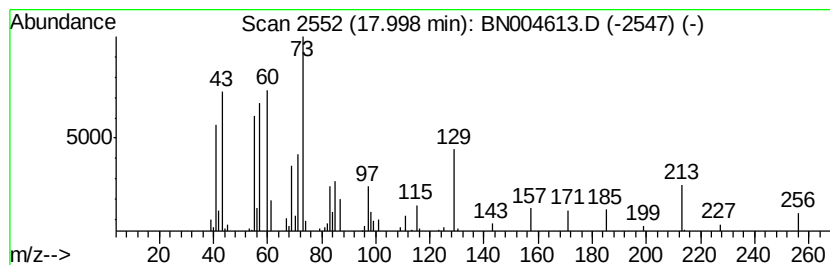
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BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.    | EstConc    | Area                | Relative to ISTD | R.T.           |
|---------|------------|---------------------|------------------|----------------|
| 18.00   | 4.81 ng/ul | 123314              | Phenanthrene-d10 | 17.12          |
| Hit# of | 5          | Tentative ID        | MW MolForm       | CAS# Qual      |
| 1       |            | n-Hexadecanoic acid | 256 C16H32O2     | 000057-10-3 95 |
| 2       |            | Tridecanoic acid    | 214 C13H26O2     | 000638-53-9 81 |
| 3       |            | Pentadecanoic acid  | 242 C15H30O2     | 001002-84-2 74 |
| 4       |            | Tetradecanoic acid  | 228 C14H28O2     | 000544-63-8 72 |
| 5       |            | Tridecanoic acid    | 214 C13H26O2     | 000638-53-9 70 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030419\  
Data File : BN004613.D  
Acq On : 05 Mar 2019 03:19  
Operator : JU/SJ  
Sample : K1606-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

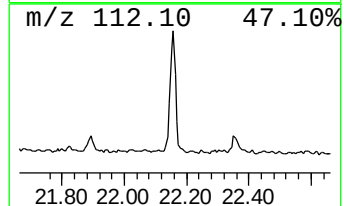
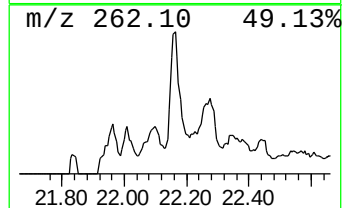
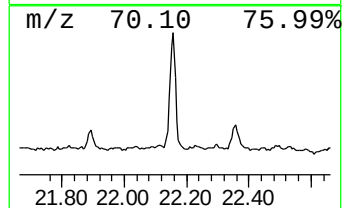
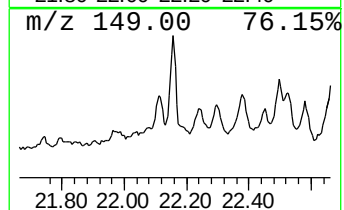
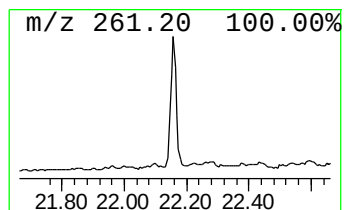
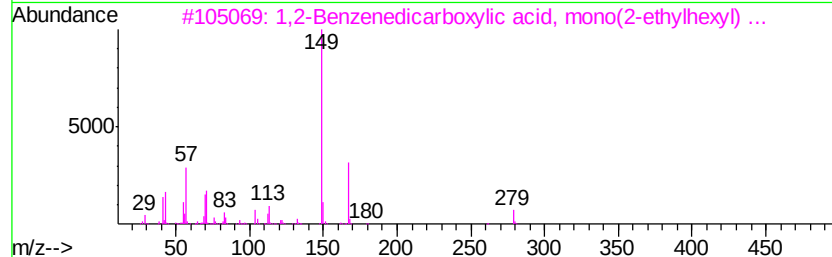
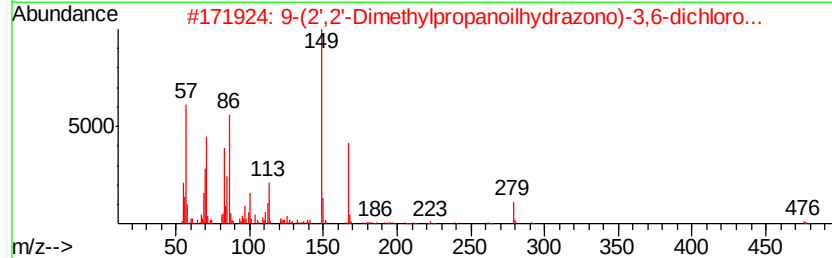
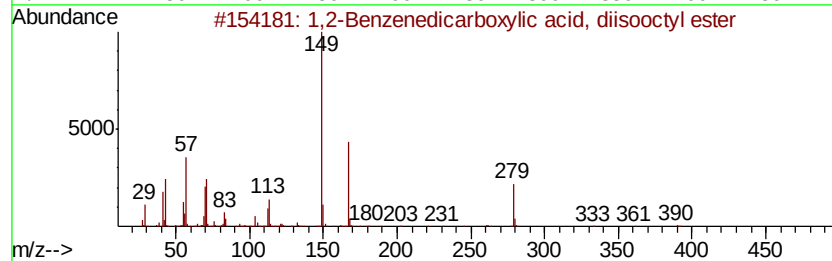
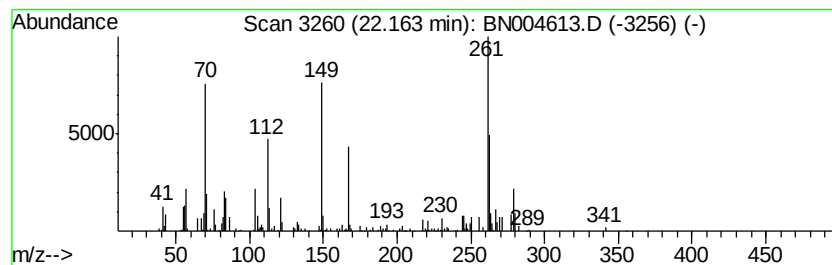
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown-02 Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.16 | 2.37 ng/ul | 91941 | Chrysene-d12     | 21.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | 1,2-Benzenedicarboxylic acid, di... | 390 | C24H38O4      | 027554-26-3  | 27   |
| 2    |    | 9-(2',2'-Dimethylpropanoilhydraz... | 576 | C30H42Cl2N4O3 | 1000111-04-6 | 27   |
| 3    |    | 1,2-Benzenedicarboxylic acid, mo... | 278 | C16H22O4      | 004376-20-9  | 14   |
| 4    |    | 4-Methoxyvanthranilic acid          | 167 | C8H9NO3       | 004294-95-5  | 14   |
| 5    |    | Benzaldehyde, 3-(2-nitrophenoxy...  | 287 | C15H13NO5     | 329222-81-3  | 11   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030419\  
Data File : BN004613.D  
Acq On : 05 Mar 2019 03:19  
Operator : JU/SJ  
Sample : K1606-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

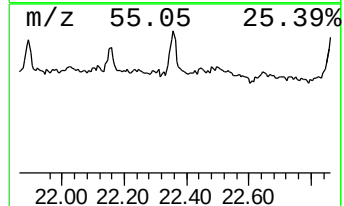
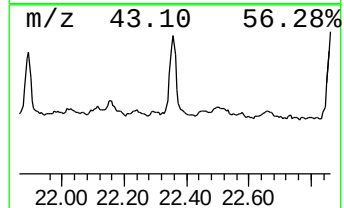
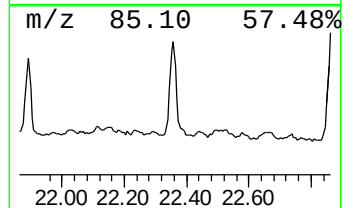
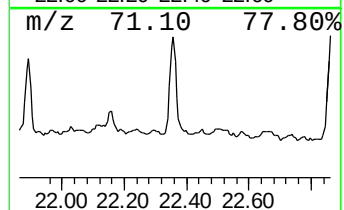
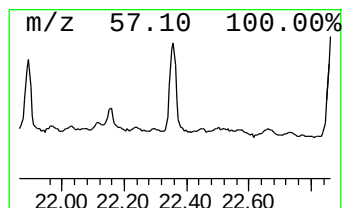
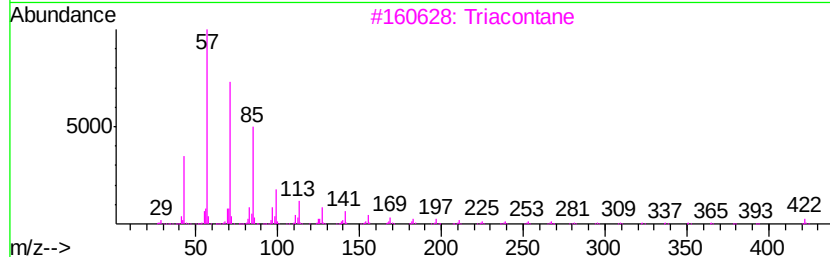
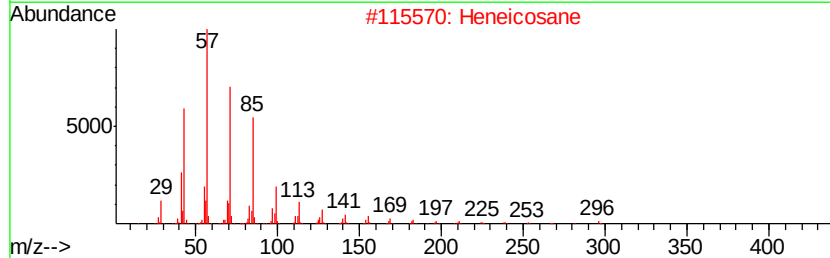
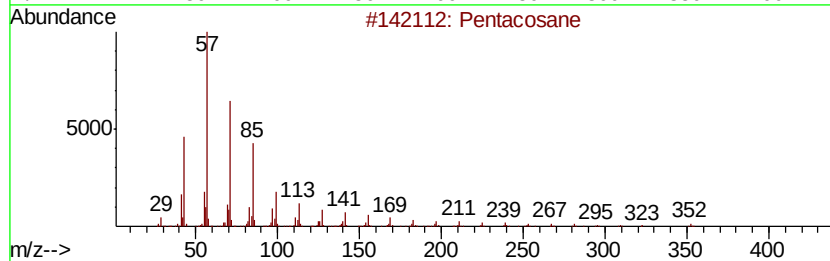
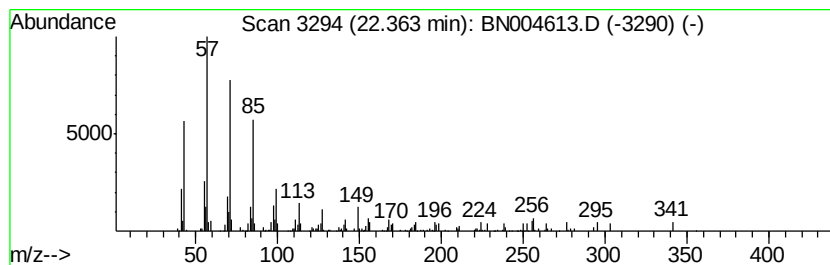
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.36 | 3.03 ng/ul | 117206 | Chrysene-d12     | 21.32 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Pentacosane  | 352 | C25H52  | 000629-99-2 | 91   |
| 2    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Triacontane  | 422 | C30H62  | 000638-68-6 | 87   |
| 4    |    | Heptadecane  | 240 | C17H36  | 000629-78-7 | 86   |
| 5    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030419\  
Data File : BN004613.D  
Acq On : 05 Mar 2019 03:19  
Operator : JU/SJ  
Sample : K1606-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

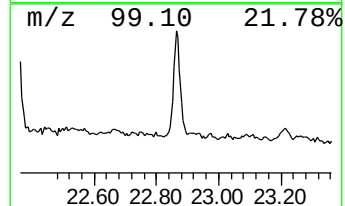
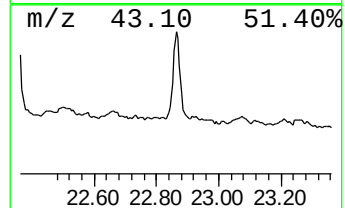
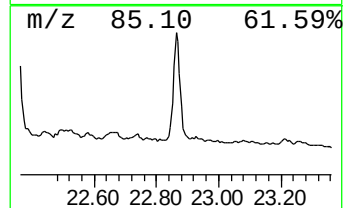
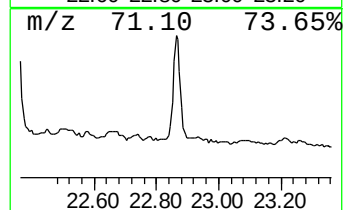
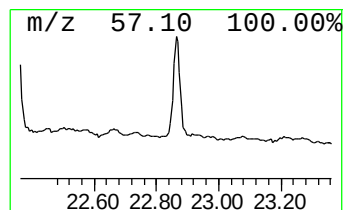
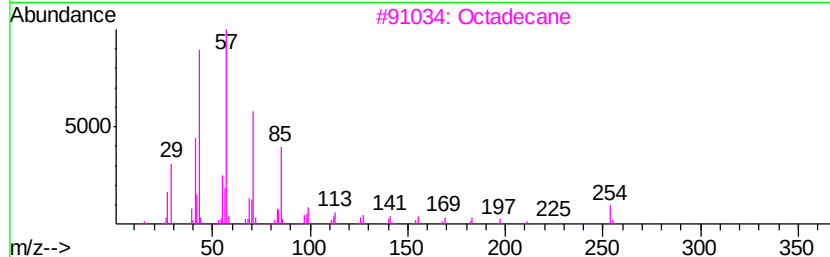
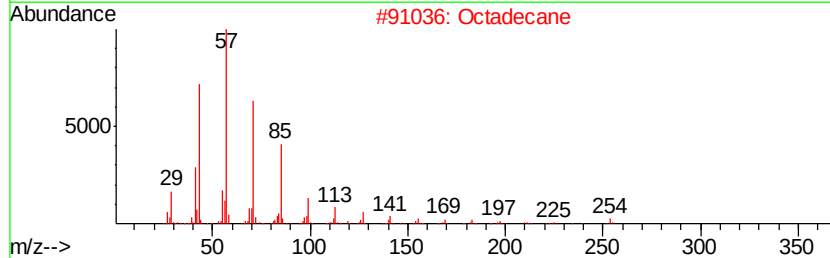
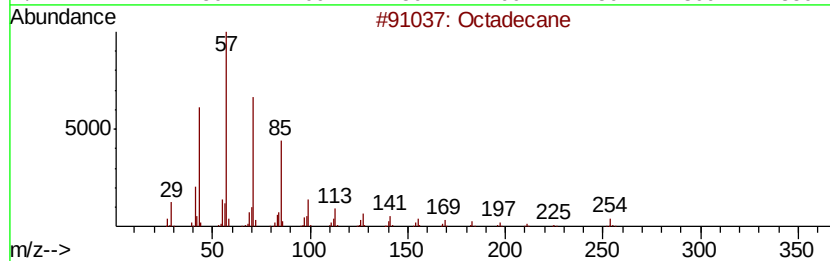
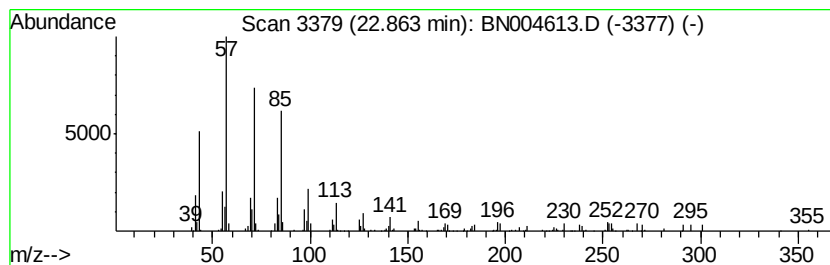
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.86 | 3.85 ng/ul | 132797 | Perylene-d12     | 23.58 |

| Hit# | of | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|----------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane     | 254 | C18H38  | 000593-45-3 | 96   |
| 2    |    | Octadecane     | 254 | C18H38  | 000593-45-3 | 94   |
| 3    |    | Octadecane     | 254 | C18H38  | 000593-45-3 | 89   |
| 4    |    | Octadecane     | 254 | C18H38  | 000593-45-3 | 89   |
| 5    |    | Hentriacontane | 437 | C31H64  | 000630-04-6 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030419\  
Data File : BN004613.D  
Acq On : 05 Mar 2019 03:19  
Operator : JU/SJ  
Sample : K1606-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

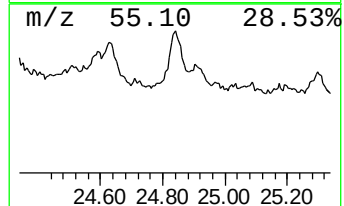
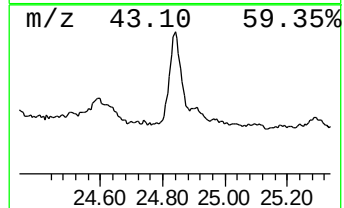
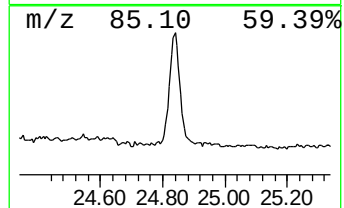
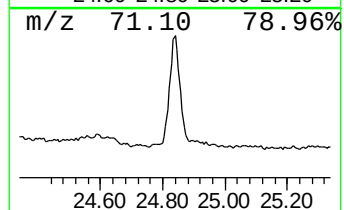
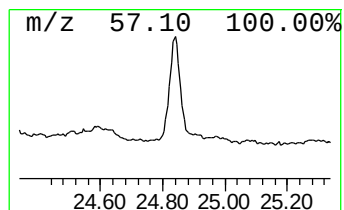
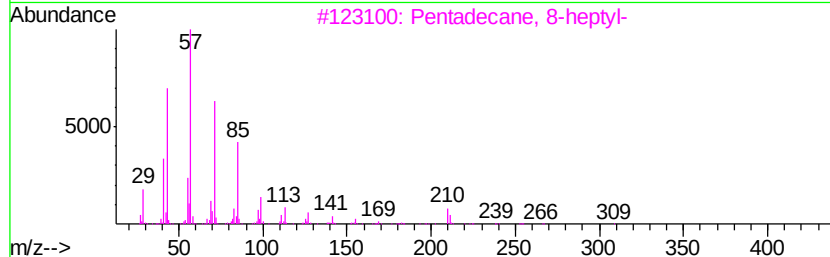
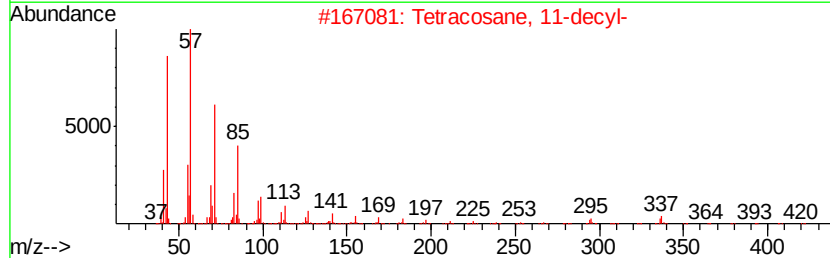
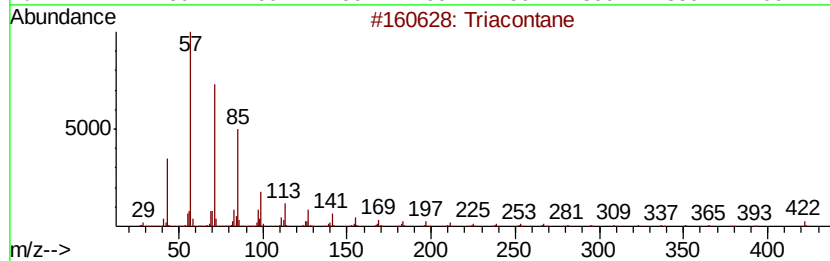
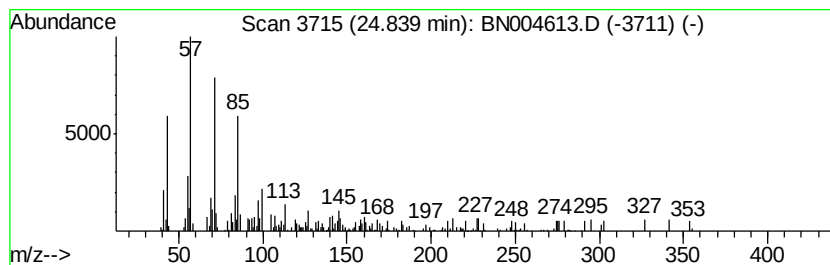
Instrument :  
BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.           |
|---------|------------|------------------------|------------------|----------------|
| 24.84   | 4.12 ng/ul | 141929                 | Perylene-d12     | 23.58          |
| Hit# of | 5          | Tentative ID           | MW MolForm       | CAS# Qual      |
| 1       |            | Triacontane            | 422 C30H62       | 000638-68-6 64 |
| 2       |            | Tetracosane, 11-decyl- | 479 C34H70       | 055429-84-0 58 |
| 3       |            | Pentadecane, 8-heptyl- | 310 C22H46       | 071005-15-7 58 |
| 4       |            | Pentacosane            | 352 C25H52       | 000629-99-2 58 |
| 5       |            | Nonacosane             | 408 C29H60       | 000630-03-5 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030419\  
Data File : BN004613.D  
Acq On : 05 Mar 2019 03:19  
Operator : JU/SJ  
Sample : K1606-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BF5C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Benzenamine, 2-me... | 10.22 | 8.7     | ng/ul | 117901   | 2                     | 10.52 | 272425 | 20.0 |
| unknown-01           | 16.33 | 8.4     | ng/ul | 215573   | 4                     | 17.12 | 512661 | 20.0 |
| n-Hexadecanoic acid  | 18.00 | 4.8     | ng/ul | 123314   | 4                     | 17.12 | 512661 | 20.0 |
| unknown-02           | 22.16 | 2.4     | ng/ul | 91941    | 5                     | 21.32 | 774404 | 20.0 |
| (DEL) Alkane: Str... | 22.36 | 3.0     | ng/ul | 117206   | 5                     | 21.32 | 774404 | 20.0 |
| (DEL) Alkane: Str... | 22.86 | 3.9     | ng/ul | 132797   | 6                     | 23.58 | 689016 | 20.0 |
| (DEL) Alkane: Str... | 24.84 | 4.1     | ng/ul | 141929   | 6                     | 23.58 | 689016 | 20.0 |