

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
 Data File : BM020778.D  
 Acq On : 07 Jun 2019 00:01  
 Operator : HP/JU  
 Sample : K3201-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB5

## 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\_M\METHODS\SOM-EPA-BM060619MA.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         | 3.046       | 6             | 10          | 33           | rVB      | 10275484       | 12586070      | 100.00%         | 10.756%       |
| 2         | 3.311       | 51            | 55          | 67           | rVB      | 84473          | 130269        | 1.04%           | 0.111%        |
| 3         | 3.822       | 139           | 142         | 145          | rVB      | 16910          | 18670         | 0.15%           | 0.016%        |
| 4         | 3.934       | 156           | 161         | 169          | rVB      | 75860          | 115539        | 0.92%           | 0.099%        |
| 5         | 4.034       | 174           | 178         | 184          | rVB      | 19066          | 24595         | 0.20%           | 0.021%        |
| 6         | 4.140       | 193           | 196         | 200          | rVB4     | 12746          | 17743         | 0.14%           | 0.015%        |
| 7         | 4.399       | 237           | 240         | 247          | rVB7     | 11543          | 17424         | 0.14%           | 0.015%        |
| 8         | 4.934       | 326           | 331         | 343          | rVB      | 62349          | 101200        | 0.80%           | 0.086%        |
| 9         | 5.910       | 493           | 497         | 502          | rBV3     | 13159          | 20330         | 0.16%           | 0.017%        |
| 10        | 6.469       | 586           | 592         | 597          | rVB5     | 10540          | 19422         | 0.15%           | 0.017%        |
| 11        | 6.969       | 669           | 677         | 691          | rVB      | 1397354        | 2209273       | 17.55%          | 1.888%        |
| 12        | 7.151       | 701           | 708         | 720          | rBV      | 1037138        | 1730645       | 13.75%          | 1.479%        |
| 13        | 7.340       | 733           | 740         | 751          | rBV      | 1443705        | 2300044       | 18.27%          | 1.966%        |
| 14        | 7.810       | 813           | 820         | 827          | rBV      | 1054937        | 1632782       | 12.97%          | 1.395%        |
| 15        | 7.869       | 827           | 830         | 834          | rVB      | 23700          | 30501         | 0.24%           | 0.026%        |
| 16        | 8.510       | 931           | 939         | 950          | rBV      | 1697492        | 2766825       | 21.98%          | 2.365%        |
| 17        | 8.634       | 956           | 960         | 967          | rVB3     | 15842          | 25507         | 0.20%           | 0.022%        |
| 18        | 8.969       | 1010          | 1017        | 1029         | rBV      | 1327733        | 2239867       | 17.80%          | 1.914%        |
| 19        | 9.063       | 1029          | 1033        | 1038         | rVV5     | 9769           | 16148         | 0.13%           | 0.014%        |
| 20        | 9.128       | 1040          | 1044        | 1050         | rVB4     | 12553          | 19798         | 0.16%           | 0.017%        |
| 21        | 9.357       | 1076          | 1083        | 1090         | rVB2     | 33971          | 52061         | 0.41%           | 0.044%        |
| 22        | 9.687       | 1131          | 1139        | 1153         | rBV      | 1112132        | 1837625       | 14.60%          | 1.570%        |
| 23        | 10.216      | 1223          | 1229        | 1241         | rBV      | 1772324        | 2967688       | 23.58%          | 2.536%        |
| 24        | 10.604      | 1286          | 1295        | 1309         | rVB      | 1400596        | 2364646       | 18.79%          | 2.021%        |
| 25        | 10.739      | 1309          | 1318        | 1332         | rBV      | 1551638        | 2714745       | 21.57%          | 2.320%        |
| 26        | 11.345      | 1415          | 1421        | 1424         | rBV4     | 10245          | 19128         | 0.15%           | 0.016%        |
| 27        | 12.192      | 1559          | 1565        | 1571         | rVB2     | 29256          | 47375         | 0.38%           | 0.040%        |
| 28        | 13.863      | 1841          | 1849        | 1853         | rBV      | 3364909        | 4657793       | 37.01%          | 3.981%        |
| 29        | 13.904      | 1853          | 1856        | 1864         | rVB      | 1390408        | 1837705       | 14.60%          | 1.571%        |
| 30        | 14.139      | 1890          | 1896        | 1909         | rVB      | 3564454        | 5411409       | 43.00%          | 4.625%        |
| 31        | 14.339      | 1926          | 1930        | 1936         | rVB4     | 10665          | 16612         | 0.13%           | 0.014%        |
| 32        | 14.451      | 1941          | 1949        | 1956         | rVV2     | 2100274        | 3203729       | 25.45%          | 2.738%        |
| 33        | 14.510      | 1956          | 1959        | 1964         | rVB2     | 16330          | 22584         | 0.18%           | 0.019%        |
| 34        | 14.639      | 1975          | 1981        | 1998         | rBV      | 1387943        | 2069804       | 16.45%          | 1.769%        |

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 Max Peaks: 100  
 Peak Location: TOP

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 14.869 | 2013 | 2020 | 2026 | rVB6  | 31670   | 72058   | 0.57%  | 0.062% |
| 36 | 15.245 | 2078 | 2084 | 2090 | rBV   | 71410   | 101324  | 0.81%  | 0.087% |
| 37 | 15.298 | 2090 | 2093 | 2096 | rVB2  | 13662   | 14586   | 0.12%  | 0.012% |
| 38 | 15.445 | 2111 | 2118 | 2124 | rBV   | 4539016 | 6647670 | 52.82% | 5.681% |
| 39 | 15.492 | 2124 | 2126 | 2131 | rVB2  | 17871   | 24616   | 0.20%  | 0.021% |
| 40 | 15.557 | 2131 | 2137 | 2145 | rBV   | 1247959 | 1701654 | 13.52% | 1.454% |
| 41 | 15.680 | 2152 | 2158 | 2166 | rVB   | 59621   | 97172   | 0.77%  | 0.083% |
| 42 | 15.798 | 2174 | 2178 | 2182 | rVB5  | 13519   | 18864   | 0.15%  | 0.016% |
| 43 | 15.933 | 2196 | 2201 | 2207 | rVB7  | 8705    | 16869   | 0.13%  | 0.014% |
| 44 | 16.157 | 2234 | 2239 | 2245 | rBV6  | 12196   | 25988   | 0.21%  | 0.022% |
| 45 | 16.227 | 2245 | 2251 | 2255 | rVB4  | 23561   | 37444   | 0.30%  | 0.032% |
| 46 | 16.586 | 2308 | 2312 | 2318 | rVB7  | 9414    | 16970   | 0.13%  | 0.015% |
| 47 | 16.851 | 2353 | 2357 | 2364 | rBV3  | 13791   | 23798   | 0.19%  | 0.020% |
| 48 | 17.010 | 2382 | 2384 | 2388 | rVB3  | 17887   | 23112   | 0.18%  | 0.020% |
| 49 | 17.086 | 2391 | 2397 | 2400 | rBV7  | 10985   | 19546   | 0.16%  | 0.017% |
| 50 | 17.192 | 2409 | 2415 | 2420 | rBV   | 2604093 | 3788951 | 30.10% | 3.238% |
| 51 | 17.233 | 2420 | 2422 | 2426 | rVV   | 375044  | 458295  | 3.64%  | 0.392% |
| 52 | 17.292 | 2426 | 2432 | 2443 | rVV2  | 4937672 | 7179156 | 57.04% | 6.135% |
| 53 | 17.368 | 2443 | 2445 | 2450 | rVB5  | 12515   | 20025   | 0.16%  | 0.017% |
| 54 | 17.592 | 2481 | 2483 | 2488 | rVB   | 27006   | 33188   | 0.26%  | 0.028% |
| 55 | 17.686 | 2496 | 2499 | 2502 | rBV3  | 15644   | 18129   | 0.14%  | 0.015% |
| 56 | 17.715 | 2502 | 2504 | 2510 | rVV6  | 12275   | 18648   | 0.15%  | 0.016% |
| 57 | 17.962 | 2543 | 2546 | 2554 | rBV10 | 17179   | 30361   | 0.24%  | 0.026% |
| 58 | 18.086 | 2560 | 2567 | 2577 | rBV2  | 990568  | 1584900 | 12.59% | 1.354% |
| 59 | 18.192 | 2583 | 2585 | 2590 | rVB2  | 32539   | 41508   | 0.33%  | 0.035% |
| 60 | 18.262 | 2592 | 2597 | 2601 | rVV2  | 83492   | 157072  | 1.25%  | 0.134% |
| 61 | 18.298 | 2601 | 2603 | 2608 | rVB   | 40084   | 44830   | 0.36%  | 0.038% |
| 62 | 18.380 | 2613 | 2617 | 2621 | rBV5  | 39197   | 53047   | 0.42%  | 0.045% |
| 63 | 18.415 | 2621 | 2623 | 2627 | rVB5  | 17020   | 20080   | 0.16%  | 0.017% |
| 64 | 18.568 | 2645 | 2649 | 2652 | rBV   | 46932   | 59934   | 0.48%  | 0.051% |
| 65 | 18.610 | 2652 | 2656 | 2661 | rVB2  | 39874   | 53623   | 0.43%  | 0.046% |
| 66 | 18.745 | 2677 | 2679 | 2683 | rBV5  | 11563   | 13991   | 0.11%  | 0.012% |
| 67 | 18.810 | 2688 | 2690 | 2694 | rVV5  | 15534   | 19229   | 0.15%  | 0.016% |
| 68 | 18.986 | 2715 | 2720 | 2723 | rBV3  | 57913   | 96724   | 0.77%  | 0.083% |
| 69 | 19.121 | 2739 | 2743 | 2751 | rVB3  | 43936   | 88377   | 0.70%  | 0.076% |
| 70 | 19.215 | 2755 | 2759 | 2760 | rVV   | 102594  | 113617  | 0.90%  | 0.097% |
| 71 | 19.251 | 2760 | 2765 | 2771 | rVB   | 1019314 | 1466560 | 11.65% | 1.253% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 19.362 | 2779 | 2784 | 2794 | rBV2 | 455907  | 704440  | 5.60%  | 0.602% |
| 73  | 19.474 | 2799 | 2803 | 2809 | rVB2 | 61116   | 119331  | 0.95%  | 0.102% |
| 74  | 19.586 | 2816 | 2822 | 2834 | rVB2 | 6329216 | 9416202 | 74.81% | 8.047% |
| 75  | 19.680 | 2835 | 2838 | 2844 | rVB3 | 43260   | 60461   | 0.48%  | 0.052% |
| 76  | 19.792 | 2853 | 2857 | 2862 | rBV  | 52309   | 87019   | 0.69%  | 0.074% |
| 77  | 19.933 | 2877 | 2881 | 2882 | rBV2 | 49243   | 65901   | 0.52%  | 0.056% |
| 78  | 20.062 | 2901 | 2903 | 2905 | rBV2 | 27068   | 30522   | 0.24%  | 0.026% |
| 79  | 20.104 | 2906 | 2910 | 2912 | rBV  | 85104   | 119172  | 0.95%  | 0.102% |
| 80  | 20.204 | 2924 | 2927 | 2931 | rBV  | 61086   | 74744   | 0.59%  | 0.064% |
| 81  | 20.262 | 2933 | 2937 | 2940 | rVV2 | 71565   | 108247  | 0.86%  | 0.093% |
| 82  | 20.304 | 2941 | 2944 | 2947 | rVB2 | 36734   | 45136   | 0.36%  | 0.039% |
| 83  | 20.404 | 2958 | 2961 | 2964 | rBV  | 53197   | 61662   | 0.49%  | 0.053% |
| 84  | 20.445 | 2966 | 2968 | 2972 | rVV4 | 41009   | 54686   | 0.43%  | 0.047% |
| 85  | 20.580 | 2988 | 2991 | 2993 | rVB2 | 48705   | 48339   | 0.38%  | 0.041% |
| 86  | 20.621 | 2994 | 2998 | 3001 | rVB2 | 145072  | 167293  | 1.33%  | 0.143% |
| 87  | 20.851 | 3033 | 3037 | 3041 | rVB  | 86434   | 117429  | 0.93%  | 0.100% |
| 88  | 21.080 | 3069 | 3076 | 3084 | rBV3 | 1526572 | 2256687 | 17.93% | 1.929% |
| 89  | 21.286 | 3107 | 3111 | 3115 | rVB  | 293626  | 330737  | 2.63%  | 0.283% |
| 90  | 21.368 | 3118 | 3125 | 3129 | rVV2 | 3458567 | 4997811 | 39.71% | 4.271% |
| 91  | 21.403 | 3129 | 3131 | 3137 | rVB  | 532347  | 634997  | 5.05%  | 0.543% |
| 92  | 21.521 | 3147 | 3151 | 3158 | rBV2 | 424561  | 553054  | 4.39%  | 0.473% |
| 93  | 21.962 | 3222 | 3226 | 3236 | rBV  | 514495  | 830651  | 6.60%  | 0.710% |
| 94  | 22.433 | 3302 | 3306 | 3310 | rVB  | 554585  | 735974  | 5.85%  | 0.629% |
| 95  | 22.950 | 3389 | 3394 | 3401 | rBV3 | 1014504 | 2143208 | 17.03% | 1.832% |
| 96  | 23.456 | 3476 | 3480 | 3482 | rBV  | 186726  | 285692  | 2.27%  | 0.244% |
| 97  | 23.509 | 3482 | 3489 | 3504 | rVB  | 4521590 | 9652708 | 76.69% | 8.249% |
| 98  | 23.650 | 3506 | 3513 | 3520 | rBV  | 2184397 | 4100890 | 32.58% | 3.505% |
| 99  | 24.197 | 3601 | 3606 | 3613 | rVB  | 558142  | 1004201 | 7.98%  | 0.858% |
| 100 | 24.962 | 3731 | 3736 | 3745 | rVB2 | 355187  | 756185  | 6.01%  | 0.646% |

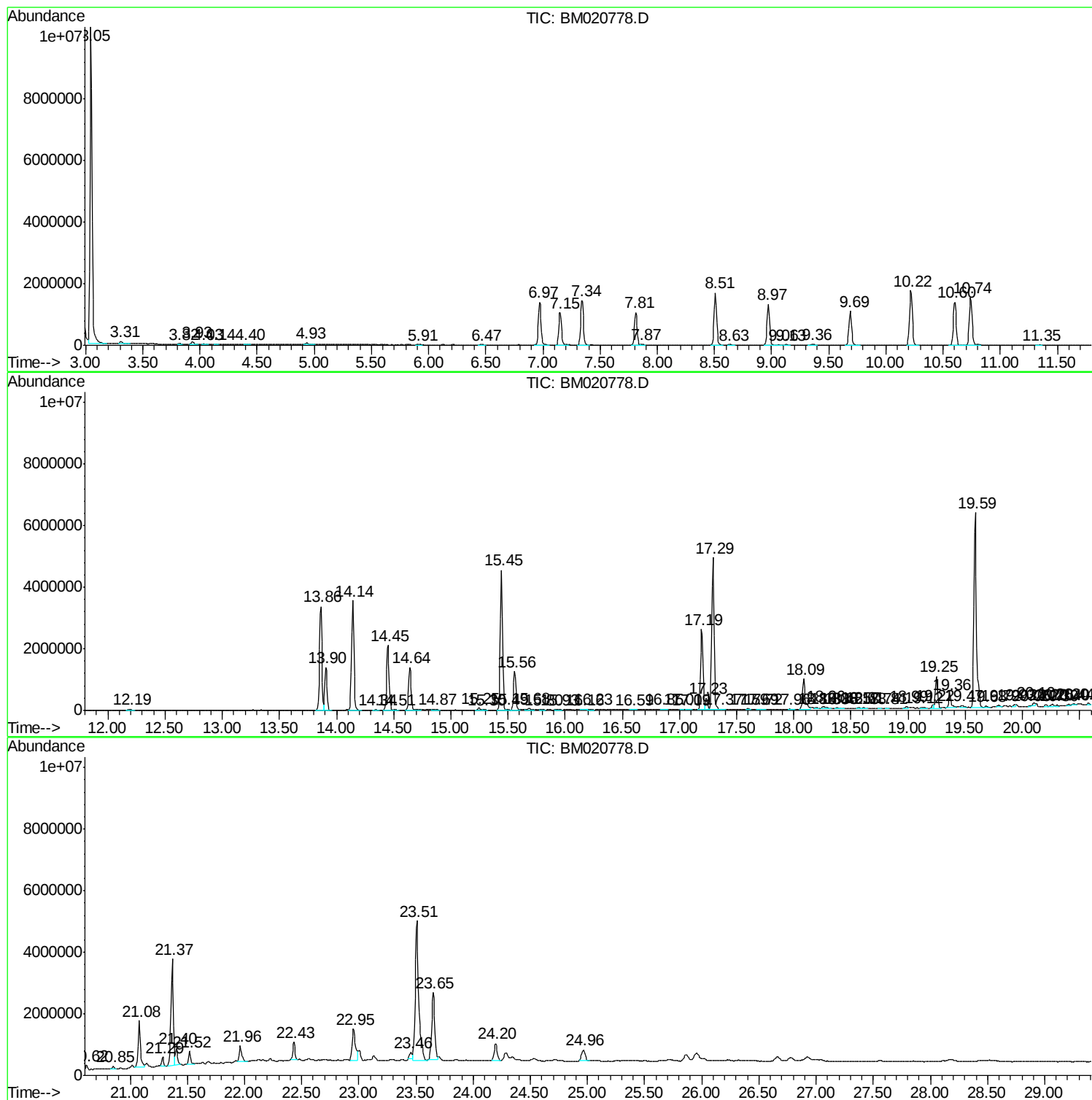
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

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



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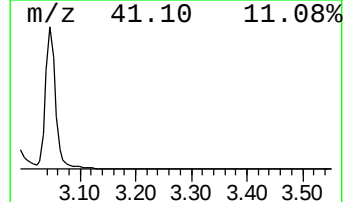
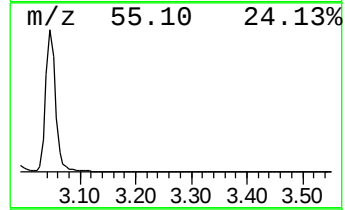
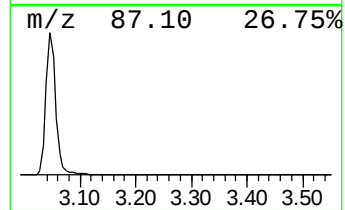
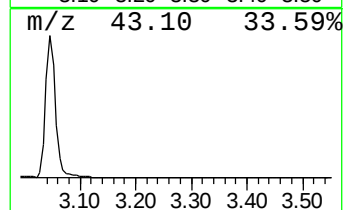
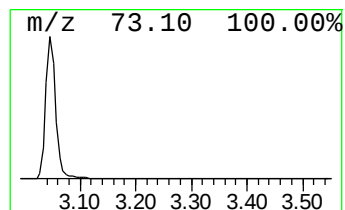
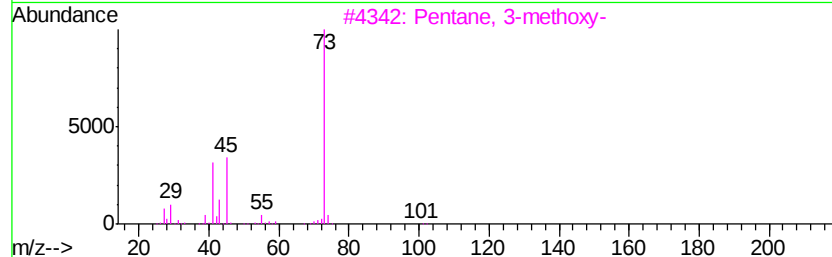
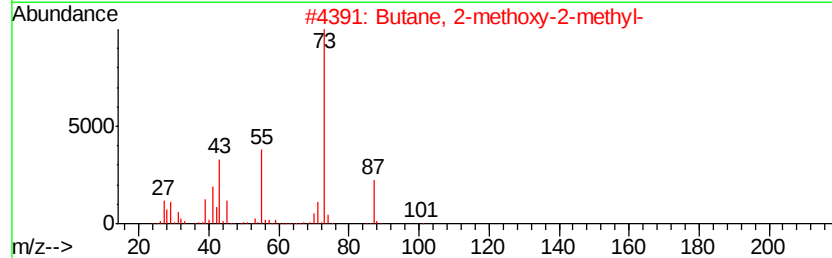
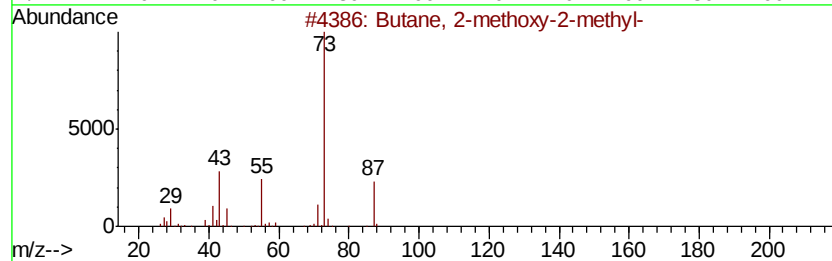
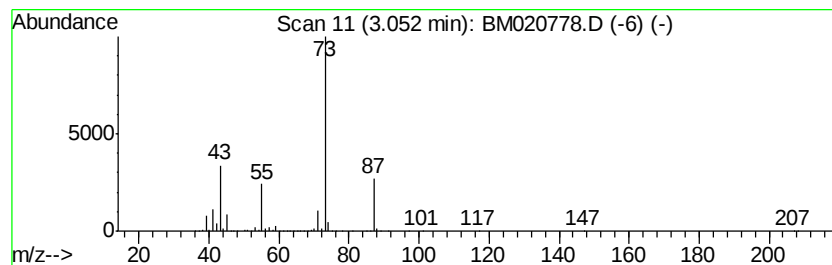
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T. | EstConc      | Area     | Relative to ISTD       | R.T. |
|------|--------------|----------|------------------------|------|
| 3.05 | 154.17 ng/ul | 12586100 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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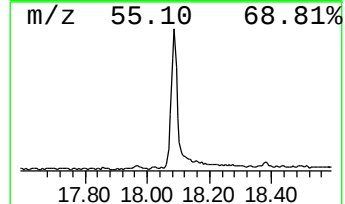
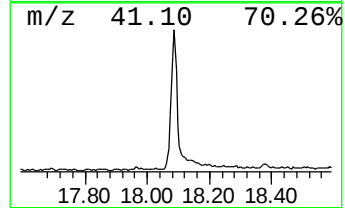
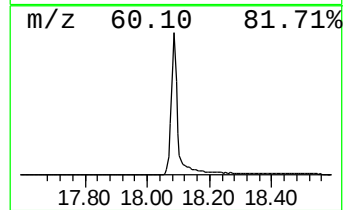
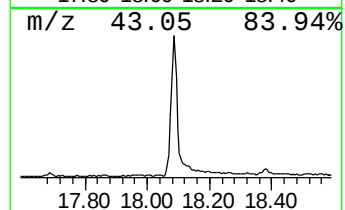
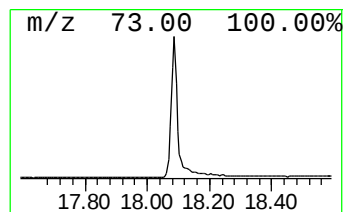
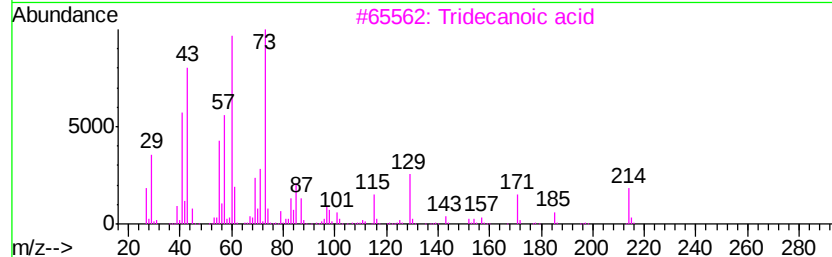
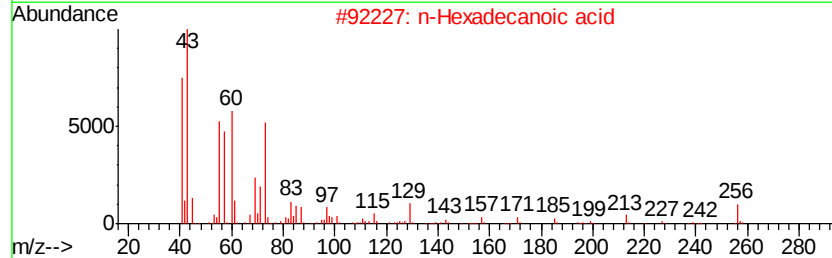
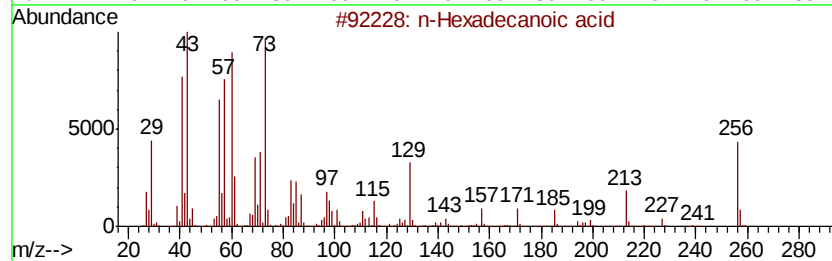
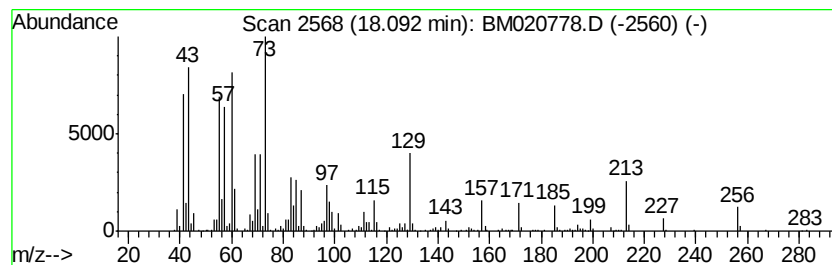
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 18.09 | 8.37 ng/ul | 1584900 | Phenanthrene-d10 | 17.19 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 4    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86   |
| 5    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

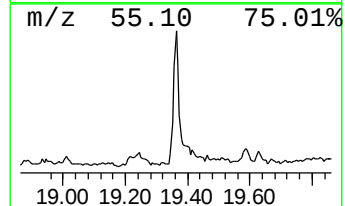
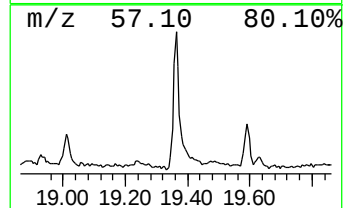
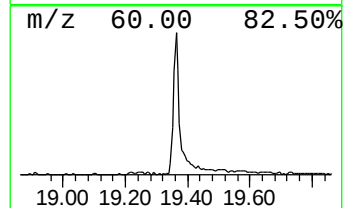
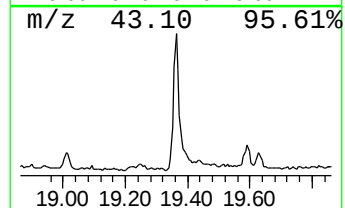
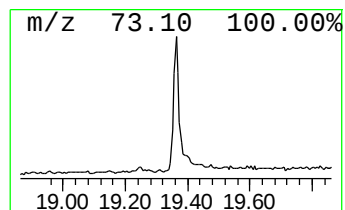
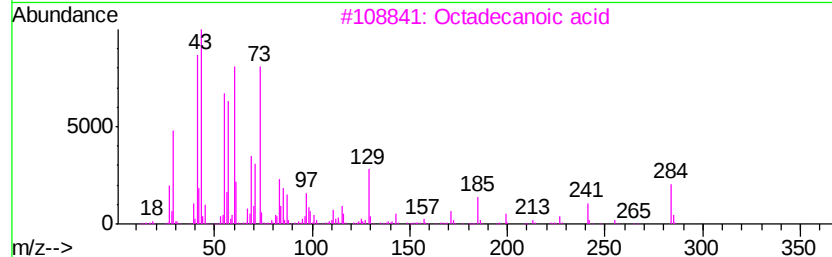
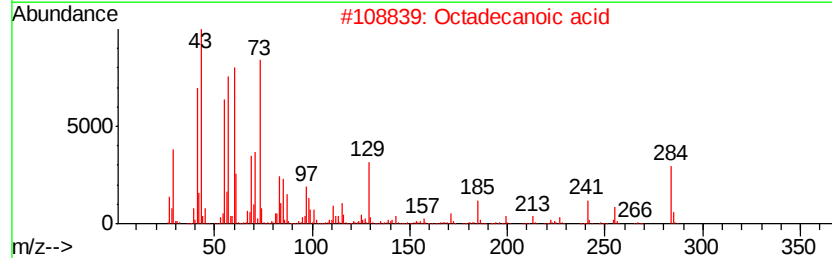
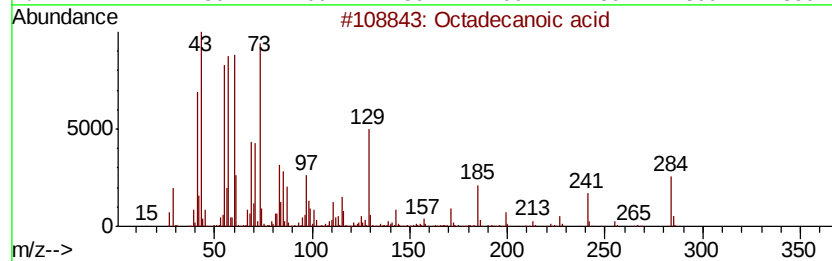
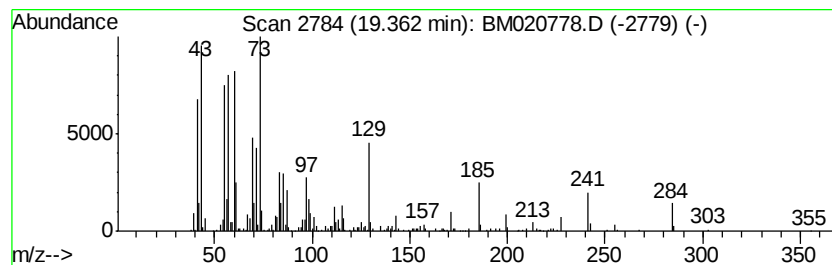
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Octadecanoic acid Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.36 | 2.82 ng/ul | 704440 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 98   |
| 3    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 95   |
| 4    |    | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 5    |    | Octadecanoic acid, 2-(2-hydroxy... | 372 | C22H44O4 | 000106-11-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

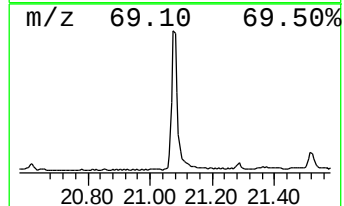
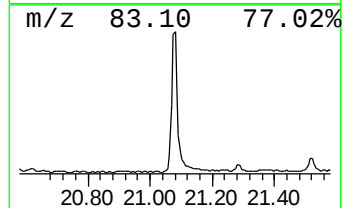
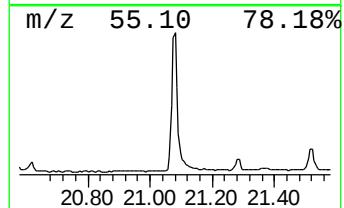
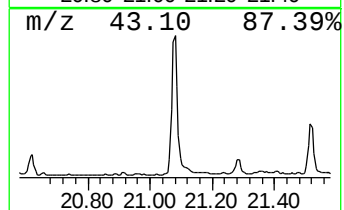
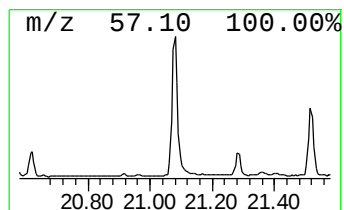
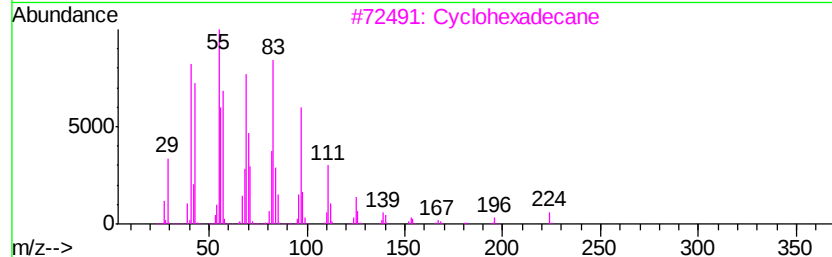
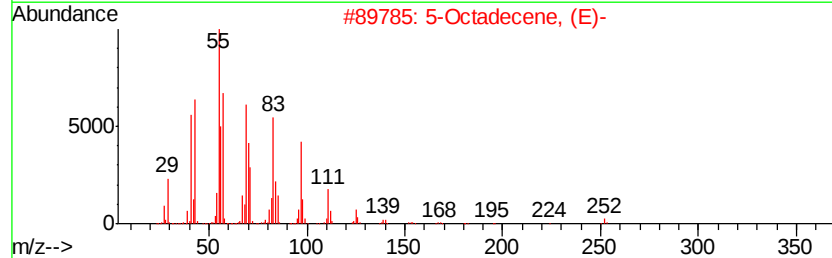
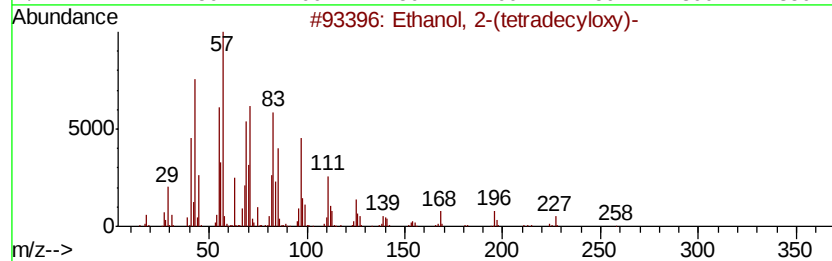
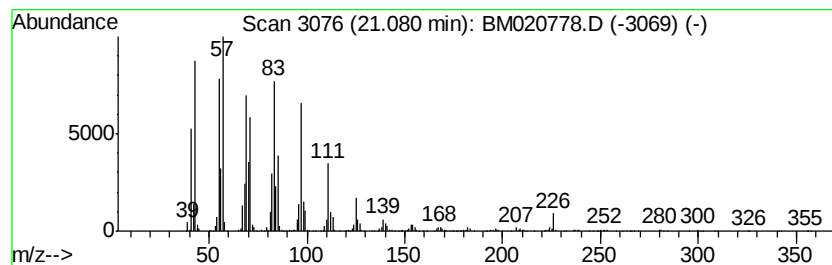
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.08 | 9.03 ng/ul | 2256690 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2   | 002136-70-1  | 96   |
| 2    |    | 5-Octadecene, (E)-                  | 252 | C18H36     | 007206-21-5  | 94   |
| 3    |    | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8  | 93   |
| 4    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2 | 079392-43-1  | 91   |
| 5    |    | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 1000283-04-2 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

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Quant Title : SVOA CALIBRATION

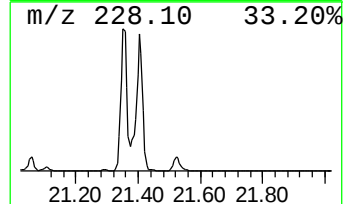
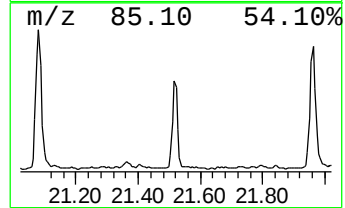
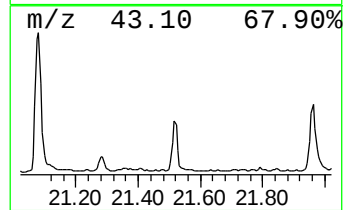
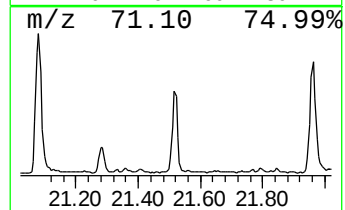
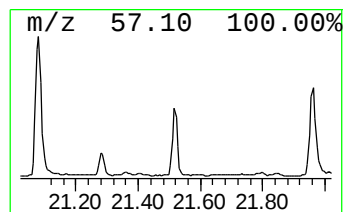
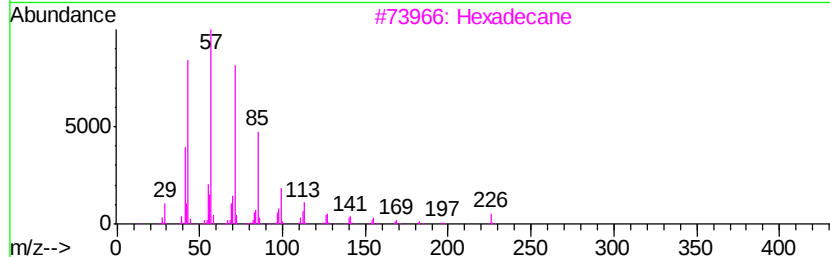
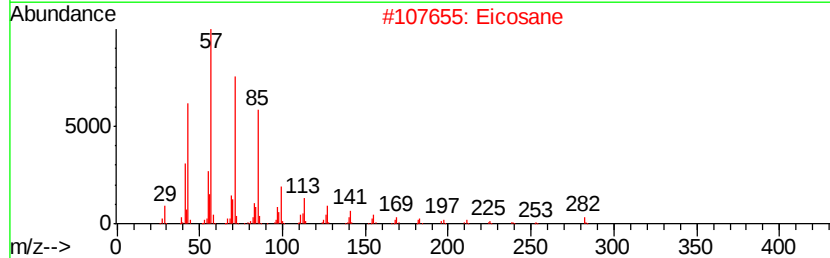
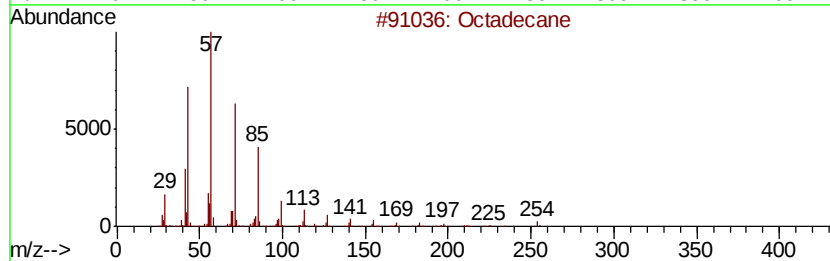
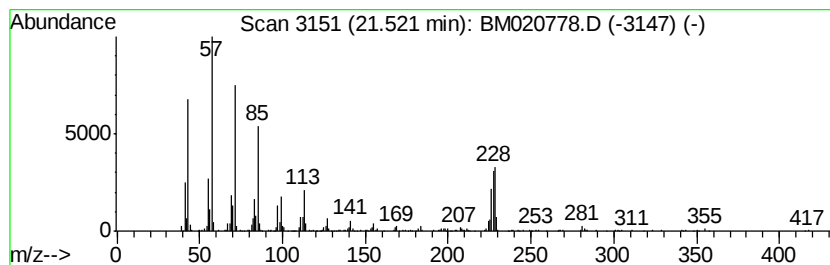
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.52 | 2.21 ng/ul | 553054 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane   | 254 | C18H38  | 000593-45-3 | 92   |
| 2    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 92   |
| 3    |    | Hexadecane   | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 81   |
| 5    |    | Hexadecane   | 226 | C16H34  | 000544-76-3 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

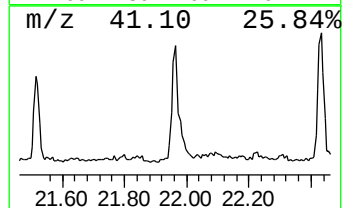
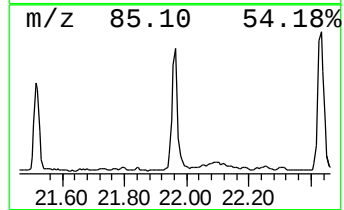
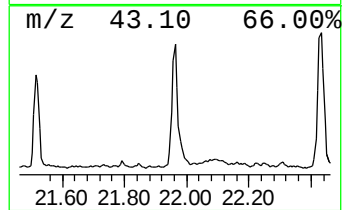
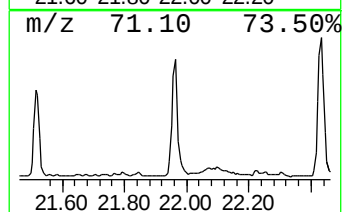
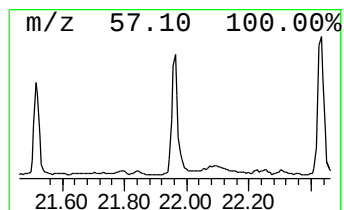
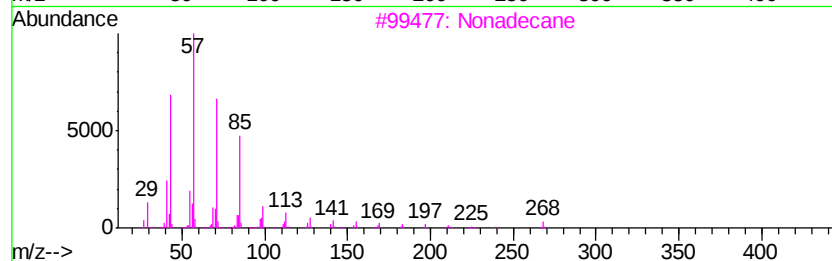
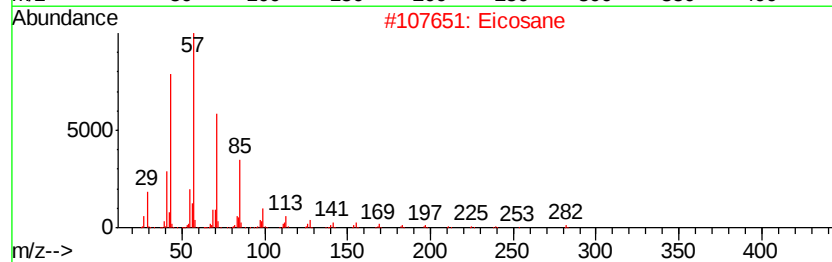
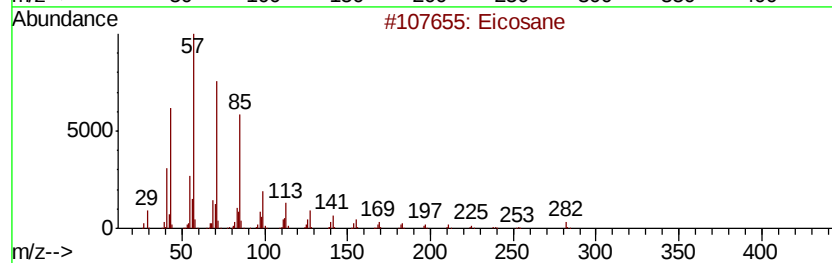
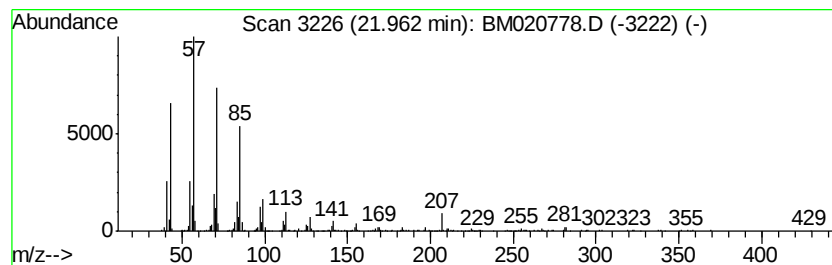
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.96 | 3.32 ng/ul | 830651 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane     | 282 | C20H42  | 000112-95-8 | 98   |
| 2    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 96   |
| 3    |    | Nonadecane   | 268 | C19H40  | 000629-92-5 | 93   |
| 4    |    | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 5    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

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Quant Title : SVOA CALIBRATION

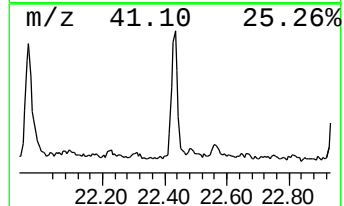
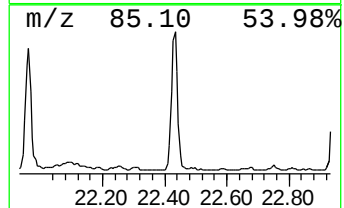
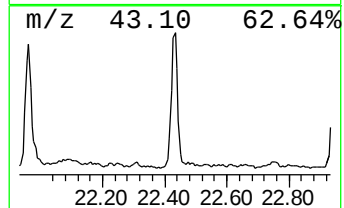
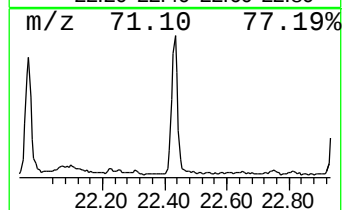
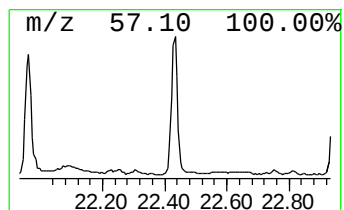
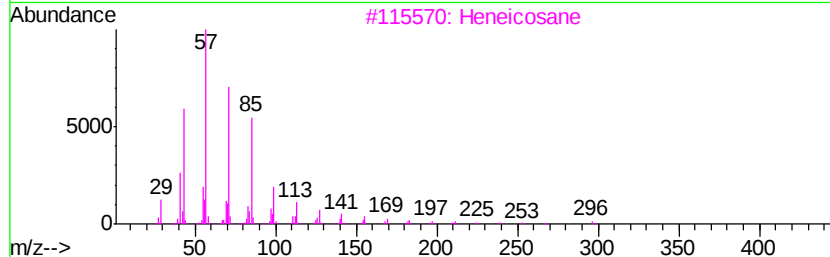
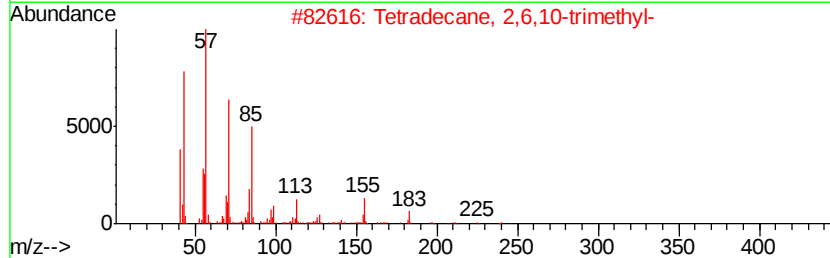
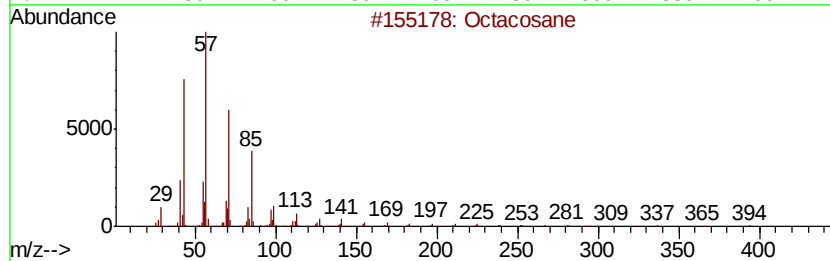
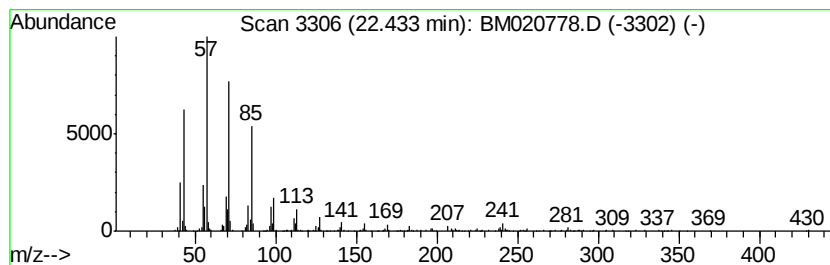
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.43 | 2.95 ng/ul | 735974 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane                       | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |    | Tetradecane, 2,6,10-trimethyl-   | 240 | C17H36  | 014905-56-7 | 90   |
| 3    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 87   |
| 5    |    | Docosane                         | 310 | C22H46  | 000629-97-0 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

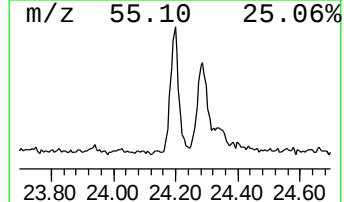
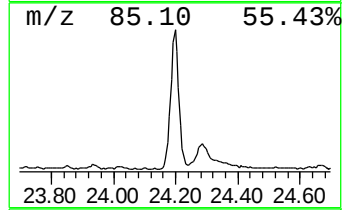
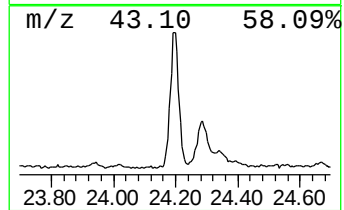
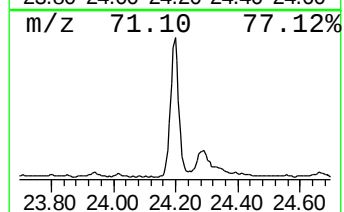
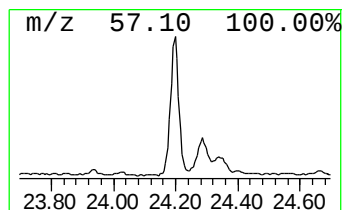
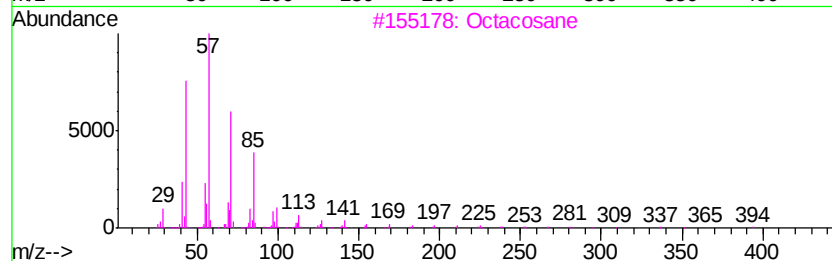
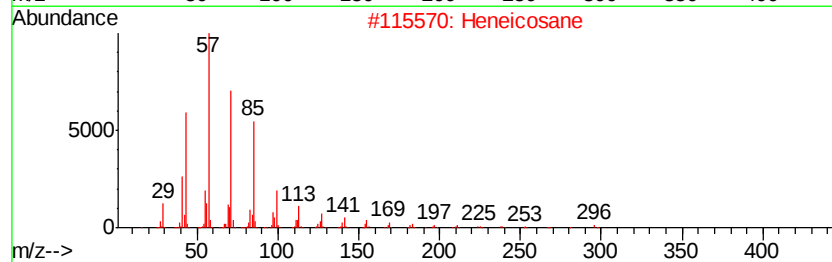
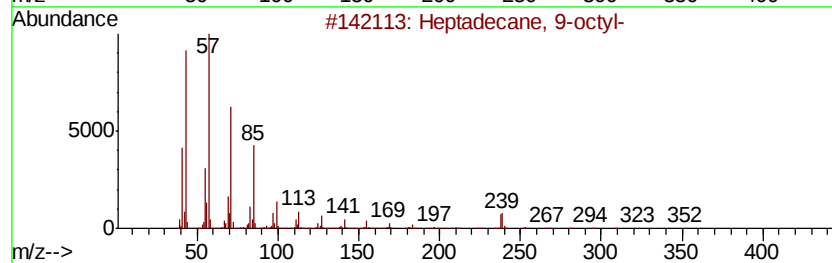
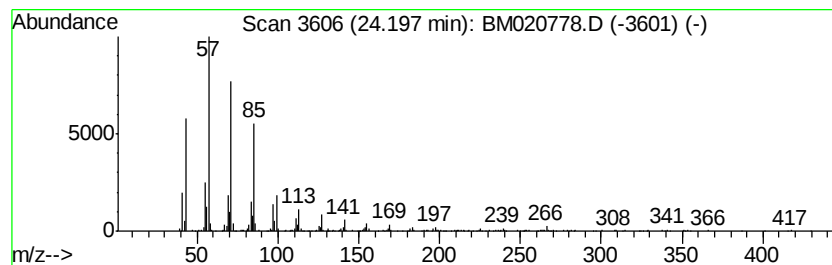
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.20 | 4.90 ng/ul | 1004200 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 9-octyl-            | 352 | C25H52  | 007225-64-1 | 95   |
| 2    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Octacosane                       | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    | Heptacosane                      | 380 | C27H56  | 000593-49-7 | 91   |
| 5    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\  
Data File : BM020778.D  
Acq On : 07 Jun 2019 00:01  
Operator : HP/JU  
Sample : K3201-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
Quant Title : SVOA CALIBRATION

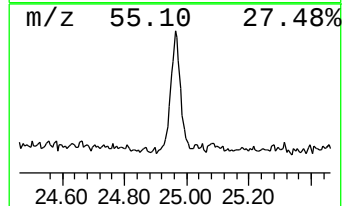
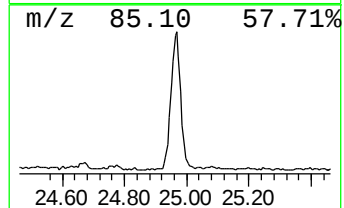
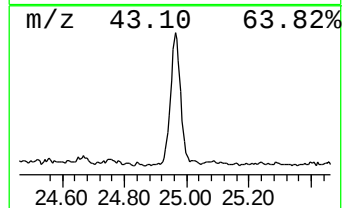
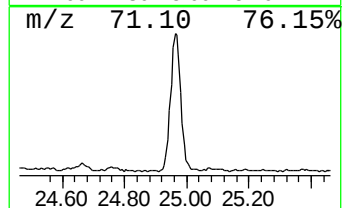
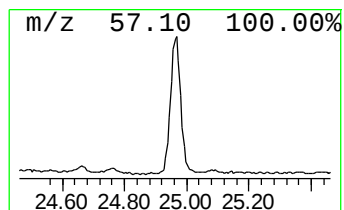
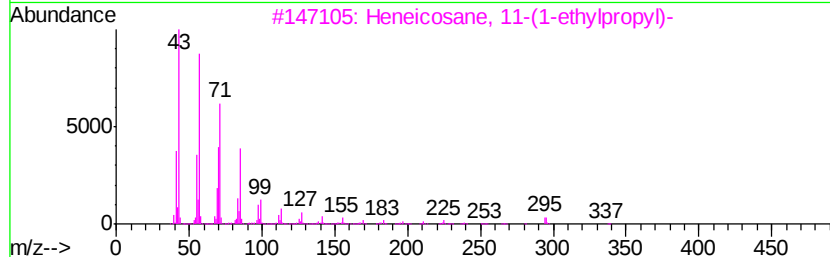
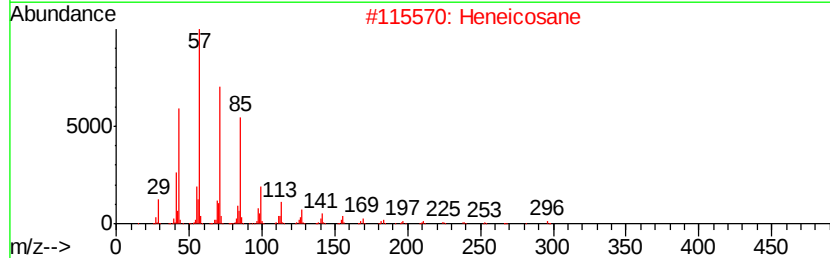
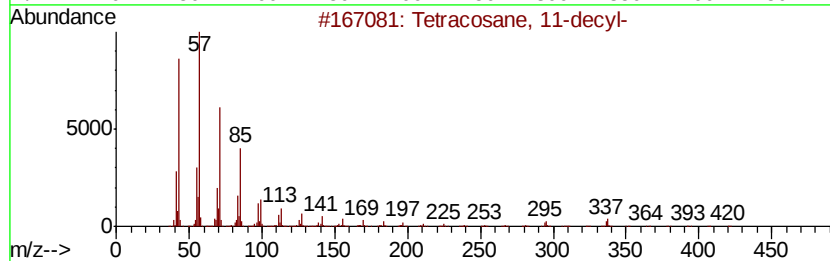
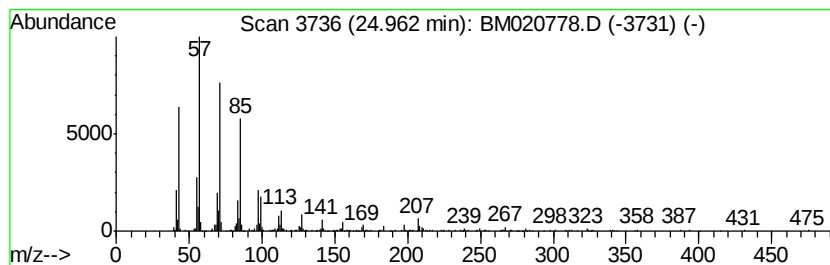
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.96 | 3.69 ng/ul | 756185 | Perylene-d12     | 23.65 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane, 11-decyl-           | 479 | C34H70  | 055429-84-0 | 87   |
| 2    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 87   |
| 3    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 87   |
| 4    |    | Heptadecane, 9-octyl-            | 352 | C25H52  | 007225-64-1 | 83   |
| 5    |    | Octadecane                       | 254 | C18H38  | 000593-45-3 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM060619\  
 Data File : BM020778.D  
 Acq On : 07 Jun 2019 00:01  
 Operator : HP/JU  
 Sample : K3201-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.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 |
| Butane, 2-methoxy... | 3.05  | 154.2   | ng/ul | 12586100 | 1                     | 7.81  | 1632780 | 20.0 |
| n-Hexadecanoic acid  | 18.09 | 8.4     | ng/ul | 1584900  | 4                     | 17.19 | 3788950 | 20.0 |
| Octadecanoic acid    | 19.36 | 2.8     | ng/ul | 704440   | 5                     | 21.37 | 4997810 | 20.0 |
| Ethanol, 2-(tetra... | 21.08 | 9.0     | ng/ul | 2256690  | 5                     | 21.37 | 4997810 | 20.0 |
| (DEL) Alkane: Str... | 21.52 | 2.2     | ng/ul | 553054   | 5                     | 21.37 | 4997810 | 20.0 |
| (DEL) Alkane: Str... | 21.96 | 3.3     | ng/ul | 830651   | 5                     | 21.37 | 4997810 | 20.0 |
| (DEL) Alkane: Str... | 22.43 | 3.0     | ng/ul | 735974   | 5                     | 21.37 | 4997810 | 20.0 |
| (DEL) Alkane: Str... | 24.20 | 4.9     | ng/ul | 1004200  | 6                     | 23.65 | 4100890 | 20.0 |
| (DEL) Alkane: Str... | 24.96 | 3.7     | ng/ul | 756185   | 6                     | 23.65 | 4100890 | 20.0 |