

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
 Data File : BM023639.D  
 Acq On : 11 Nov 2019 16:41  
 Operator : JU  
 Sample : K5535-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEK26

## 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-BM111119MA.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         | 3.075       | 30            | 32          | 40           | rVB      | 38764          | 58009         | 0.68%           | 0.057%        |
| 2         | 3.704       | 134           | 139         | 145          | rVB2     | 58848          | 99876         | 1.16%           | 0.099%        |
| 3         | 5.592       | 454           | 460         | 468          | rVB2     | 97505          | 156297        | 1.82%           | 0.154%        |
| 4         | 6.204       | 557           | 564         | 567          | rVV3     | 37442          | 72645         | 0.85%           | 0.072%        |
| 5         | 6.728       | 644           | 653         | 669          | rVB      | 837104         | 1546033       | 18.00%          | 1.526%        |
| 6         | 6.892       | 675           | 681         | 695          | rBV      | 686046         | 1140989       | 13.28%          | 1.126%        |
| 7         | 7.081       | 699           | 713         | 726          | rVV      | 859073         | 1458187       | 16.97%          | 1.439%        |
| 8         | 7.192       | 726           | 732         | 740          | rVV2     | 148335         | 269876        | 3.14%           | 0.266%        |
| 9         | 7.545       | 785           | 792         | 803          | rBV      | 1331150        | 2117100       | 24.64%          | 2.090%        |
| 10        | 7.839       | 835           | 842         | 850          | rBV6     | 28318          | 59653         | 0.69%           | 0.059%        |
| 11        | 8.257       | 905           | 913         | 923          | rVV      | 1065753        | 1757862       | 20.46%          | 1.735%        |
| 12        | 8.369       | 927           | 932         | 939          | rVB4     | 30046          | 64530         | 0.75%           | 0.064%        |
| 13        | 8.698       | 982           | 988         | 996          | rVV      | 787650         | 1297230       | 15.10%          | 1.281%        |
| 14        | 8.786       | 999           | 1003        | 1012         | rVB      | 152364         | 232773        | 2.71%           | 0.230%        |
| 15        | 8.898       | 1012          | 1022        | 1029         | rVB9     | 24064          | 80767         | 0.94%           | 0.080%        |
| 16        | 9.416       | 1103          | 1110        | 1116         | rBV      | 615672         | 1019069       | 11.86%          | 1.006%        |
| 17        | 9.780       | 1168          | 1172        | 1182         | rVB4     | 27291          | 62570         | 0.73%           | 0.062%        |
| 18        | 9.951       | 1194          | 1201        | 1211         | rVV      | 1138114        | 1881514       | 21.90%          | 1.857%        |
| 19        | 10.322      | 1257          | 1264        | 1272         | rBV      | 2165654        | 3557287       | 41.41%          | 3.511%        |
| 20        | 10.463      | 1281          | 1288        | 1295         | rBV      | 1037727        | 1753458       | 20.41%          | 1.731%        |
| 21        | 11.380      | 1437          | 1444        | 1452         | rBV3     | 52316          | 113950        | 1.33%           | 0.112%        |
| 22        | 11.522      | 1461          | 1468        | 1473         | rBV3     | 40726          | 64666         | 0.75%           | 0.064%        |
| 23        | 11.780      | 1503          | 1512        | 1521         | rBV      | 222959         | 363977        | 4.24%           | 0.359%        |
| 24        | 11.886      | 1523          | 1530        | 1533         | rVV3     | 47796          | 98070         | 1.14%           | 0.097%        |
| 25        | 11.998      | 1541          | 1549        | 1557         | rVB3     | 61507          | 134160        | 1.56%           | 0.132%        |
| 26        | 12.221      | 1582          | 1587        | 1590         | rVV      | 44044          | 66299         | 0.77%           | 0.065%        |
| 27        | 12.263      | 1590          | 1594        | 1598         | rVV2     | 43450          | 75919         | 0.88%           | 0.075%        |
| 28        | 12.480      | 1626          | 1631        | 1636         | rVV3     | 41249          | 69653         | 0.81%           | 0.069%        |
| 29        | 12.757      | 1673          | 1678        | 1682         | rBV3     | 45615          | 65041         | 0.76%           | 0.064%        |
| 30        | 13.045      | 1718          | 1727        | 1736         | rBV2     | 260672         | 457229        | 5.32%           | 0.451%        |
| 31        | 13.363      | 1775          | 1781        | 1782         | rBV      | 58299          | 77648         | 0.90%           | 0.077%        |
| 32        | 13.480      | 1797          | 1801        | 1804         | rBV4     | 42014          | 68023         | 0.79%           | 0.067%        |
| 33        | 13.521      | 1804          | 1808        | 1813         | rVV      | 103269         | 177779        | 2.07%           | 0.175%        |
| 34        | 13.574      | 1813          | 1817        | 1820         | rVV      | 100282         | 159175        | 1.85%           | 0.157%        |

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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-BM111119MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.621 | 1820 | 1825 | 1829 | rVV  | 2537376 | 3423948 | 39.85% | 3.380% |
| 36 | 13.668 | 1829 | 1833 | 1838 | rVV  | 852947  | 1196688 | 13.93% | 1.181% |
| 37 | 13.715 | 1838 | 1841 | 1844 | rVV3 | 72191   | 110205  | 1.28%  | 0.109% |
| 38 | 13.757 | 1844 | 1848 | 1852 | rVV3 | 71958   | 120616  | 1.40%  | 0.119% |
| 39 | 13.892 | 1864 | 1871 | 1885 | rVB  | 2602110 | 3870342 | 45.05% | 3.820% |
| 40 | 14.133 | 1907 | 1912 | 1916 | rBV  | 297731  | 374142  | 4.35%  | 0.369% |
| 41 | 14.204 | 1916 | 1924 | 1931 | rBV  | 3397299 | 5196157 | 60.48% | 5.129% |
| 42 | 14.415 | 1954 | 1960 | 1972 | rBV  | 798165  | 1257618 | 14.64% | 1.241% |
| 43 | 14.639 | 1990 | 1998 | 2003 | rVB3 | 143387  | 260311  | 3.03%  | 0.257% |
| 44 | 14.686 | 2003 | 2006 | 2010 | rVB2 | 62941   | 83497   | 0.97%  | 0.082% |
| 45 | 14.757 | 2015 | 2018 | 2026 | rVB5 | 62291   | 87986   | 1.02%  | 0.087% |
| 46 | 14.827 | 2026 | 2030 | 2036 | rBV4 | 57788   | 106942  | 1.24%  | 0.106% |
| 47 | 14.886 | 2036 | 2040 | 2044 | rVB  | 53135   | 78135   | 0.91%  | 0.077% |
| 48 | 14.998 | 2054 | 2059 | 2063 | rBV4 | 43781   | 74765   | 0.87%  | 0.074% |
| 49 | 15.092 | 2070 | 2075 | 2079 | rBV  | 279307  | 337935  | 3.93%  | 0.334% |
| 50 | 15.198 | 2087 | 2093 | 2100 | rBV  | 3496598 | 5184421 | 60.35% | 5.118% |
| 51 | 15.327 | 2107 | 2115 | 2125 | rBV  | 729636  | 1108653 | 12.90% | 1.094% |
| 52 | 15.439 | 2130 | 2134 | 2138 | rBV2 | 45666   | 58053   | 0.68%  | 0.057% |
| 53 | 15.498 | 2138 | 2144 | 2148 | rVB2 | 60529   | 108919  | 1.27%  | 0.108% |
| 54 | 15.651 | 2164 | 2170 | 2173 | rBV5 | 33019   | 57902   | 0.67%  | 0.057% |
| 55 | 15.704 | 2175 | 2179 | 2186 | rVB6 | 57389   | 108856  | 1.27%  | 0.107% |
| 56 | 15.780 | 2186 | 2192 | 2199 | rBV9 | 29590   | 78677   | 0.92%  | 0.078% |
| 57 | 15.951 | 2217 | 2221 | 2225 | rBV  | 302061  | 425897  | 4.96%  | 0.420% |
| 58 | 16.215 | 2259 | 2266 | 2270 | rBV3 | 59024   | 111401  | 1.30%  | 0.110% |
| 59 | 16.309 | 2278 | 2282 | 2287 | rVB3 | 64661   | 98644   | 1.15%  | 0.097% |
| 60 | 16.692 | 2343 | 2347 | 2351 | rVV6 | 33535   | 68416   | 0.80%  | 0.068% |
| 61 | 16.745 | 2351 | 2356 | 2362 | rVV2 | 315950  | 433404  | 5.04%  | 0.428% |
| 62 | 16.798 | 2362 | 2365 | 2371 | rVB2 | 65100   | 99595   | 1.16%  | 0.098% |
| 63 | 16.951 | 2385 | 2391 | 2396 | rVV  | 4591536 | 6376249 | 74.22% | 6.294% |
| 64 | 16.992 | 2396 | 2398 | 2402 | rVV  | 115097  | 147056  | 1.71%  | 0.145% |
| 65 | 17.051 | 2402 | 2408 | 2416 | rVV  | 4556739 | 6360430 | 74.03% | 6.278% |
| 66 | 17.115 | 2417 | 2419 | 2422 | rVV2 | 51605   | 66303   | 0.77%  | 0.065% |
| 67 | 17.156 | 2422 | 2426 | 2431 | rVV6 | 54456   | 111058  | 1.29%  | 0.110% |
| 68 | 17.221 | 2431 | 2437 | 2439 | rVV6 | 31361   | 72129   | 0.84%  | 0.071% |
| 69 | 17.280 | 2443 | 2447 | 2453 | rVB4 | 58295   | 91640   | 1.07%  | 0.090% |
| 70 | 17.362 | 2453 | 2461 | 2465 | rBV8 | 56657   | 132094  | 1.54%  | 0.130% |
| 71 | 17.398 | 2465 | 2467 | 2474 | rVV7 | 46784   | 77597   | 0.90%  | 0.077% |

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 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-BM111119MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 17.480 | 2477 | 2481 | 2486 | rVV  | 275602  | 339056  | 3.95%   | 0.335% |
| 73  | 17.533 | 2487 | 2490 | 2493 | rVB  | 49917   | 59348   | 0.69%   | 0.059% |
| 74  | 17.827 | 2536 | 2540 | 2543 | rVV  | 64750   | 90148   | 1.05%   | 0.089% |
| 75  | 17.874 | 2543 | 2548 | 2555 | rVV2 | 406563  | 596216  | 6.94%   | 0.589% |
| 76  | 17.927 | 2555 | 2557 | 2563 | rVV4 | 42325   | 92901   | 1.08%   | 0.092% |
| 77  | 18.015 | 2565 | 2572 | 2576 | rVV  | 154687  | 288244  | 3.36%   | 0.285% |
| 78  | 18.056 | 2576 | 2579 | 2589 | rVB3 | 76154   | 159374  | 1.86%   | 0.157% |
| 79  | 18.174 | 2595 | 2599 | 2604 | rBV  | 280196  | 338969  | 3.95%   | 0.335% |
| 80  | 18.227 | 2605 | 2608 | 2614 | rVB2 | 50135   | 78107   | 0.91%   | 0.077% |
| 81  | 18.309 | 2616 | 2622 | 2624 | rBV6 | 43233   | 78211   | 0.91%   | 0.077% |
| 82  | 18.645 | 2675 | 2679 | 2680 | rBV2 | 46577   | 59038   | 0.69%   | 0.058% |
| 83  | 18.756 | 2693 | 2698 | 2702 | rBV2 | 173182  | 245085  | 2.85%   | 0.242% |
| 84  | 18.815 | 2703 | 2708 | 2712 | rVV2 | 308348  | 375872  | 4.38%   | 0.371% |
| 85  | 19.162 | 2763 | 2767 | 2774 | rBV4 | 123582  | 217365  | 2.53%   | 0.215% |
| 86  | 19.239 | 2777 | 2780 | 2789 | rVB  | 64171   | 108903  | 1.27%   | 0.107% |
| 87  | 19.350 | 2793 | 2799 | 2805 | rVV  | 6525252 | 8591145 | 100.00% | 8.480% |
| 88  | 19.403 | 2805 | 2808 | 2812 | rVB2 | 289131  | 324171  | 3.77%   | 0.320% |
| 89  | 19.939 | 2895 | 2899 | 2903 | rVB  | 310038  | 338996  | 3.95%   | 0.335% |
| 90  | 20.433 | 2980 | 2983 | 2988 | rBV  | 318989  | 363245  | 4.23%   | 0.359% |
| 91  | 20.897 | 3057 | 3062 | 3076 | rBV  | 1151417 | 2095847 | 24.40%  | 2.069% |
| 92  | 21.150 | 3100 | 3105 | 3113 | rBV  | 6201533 | 7743697 | 90.14%  | 7.644% |
| 93  | 21.333 | 3133 | 3136 | 3141 | rBV  | 478616  | 591358  | 6.88%   | 0.584% |
| 94  | 21.762 | 3205 | 3209 | 3217 | rBV  | 546962  | 724583  | 8.43%   | 0.715% |
| 95  | 22.209 | 3281 | 3285 | 3291 | rVB  | 643009  | 867525  | 10.10%  | 0.856% |
| 96  | 22.697 | 3365 | 3368 | 3373 | rVB  | 606655  | 767136  | 8.93%   | 0.757% |
| 97  | 23.180 | 3443 | 3450 | 3456 | rBV  | 4554554 | 8162295 | 95.01%  | 8.057% |
| 98  | 23.244 | 3458 | 3461 | 3466 | rVV2 | 581693  | 895948  | 10.43%  | 0.884% |
| 99  | 23.315 | 3466 | 3473 | 3483 | rVB  | 3995280 | 7306886 | 85.05%  | 7.213% |
| 100 | 23.868 | 3563 | 3567 | 3573 | rVB  | 445687  | 772197  | 8.99%   | 0.762% |

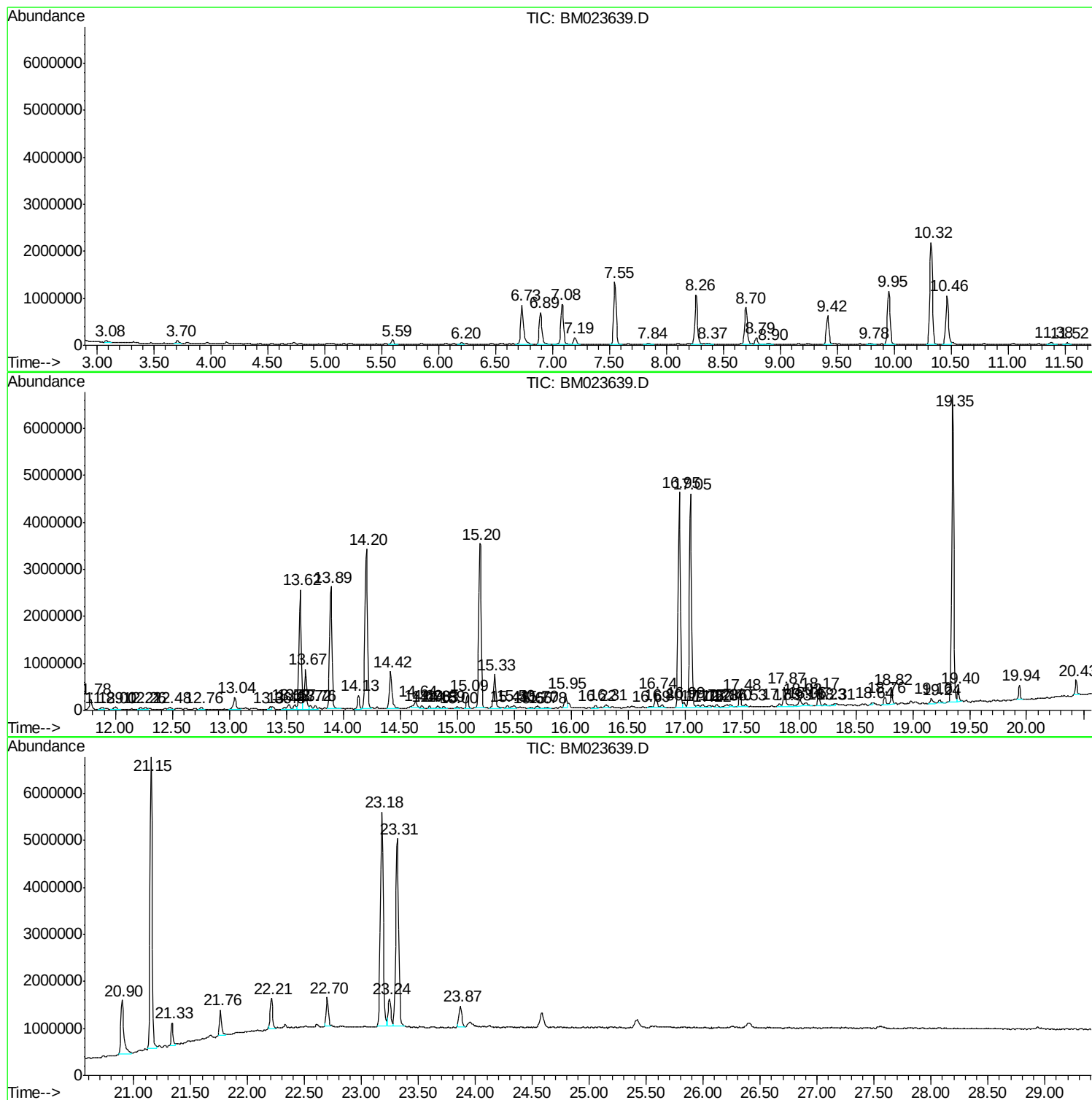
Sum of corrected areas: 101305861

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

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



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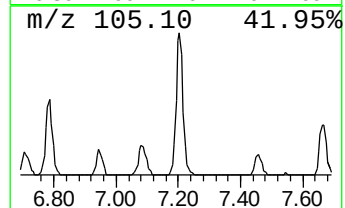
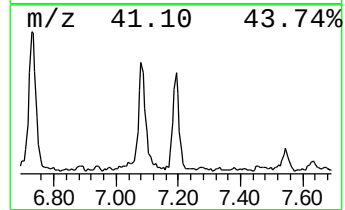
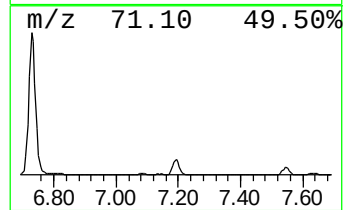
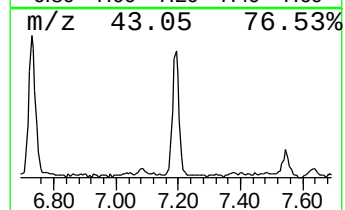
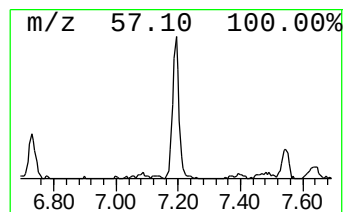
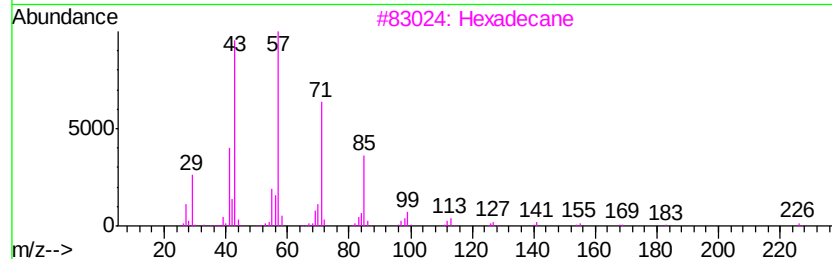
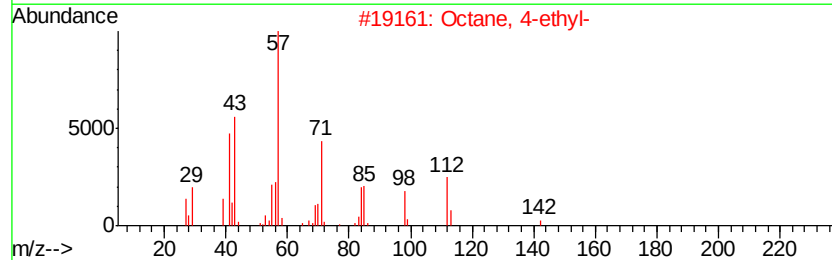
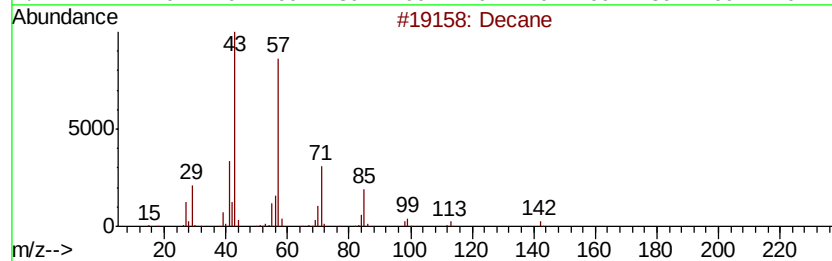
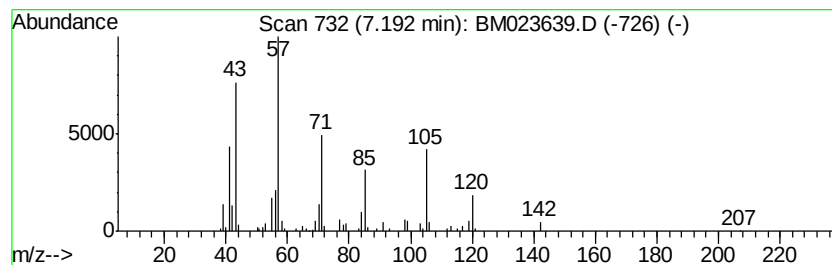
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.19 | 2.55 ng/ul | 269876 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Decane           | 142 | C10H22  | 000124-18-5 | 81   |
| 2    |    | Octane, 4-ethyl- | 142 | C10H22  | 015869-86-0 | 58   |
| 3    |    | Hexadecane       | 226 | C16H34  | 000544-76-3 | 50   |
| 4    |    | Hexadecane       | 226 | C16H34  | 000544-76-3 | 49   |
| 5    |    | Tridecane        | 184 | C13H28  | 000629-50-5 | 47   |



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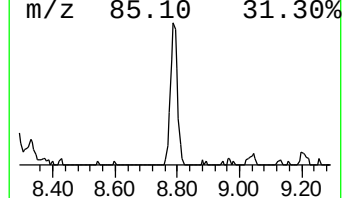
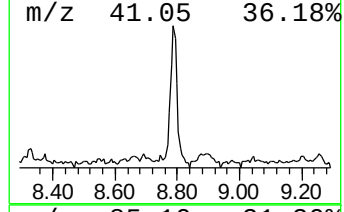
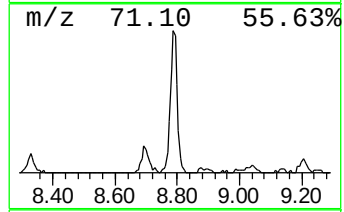
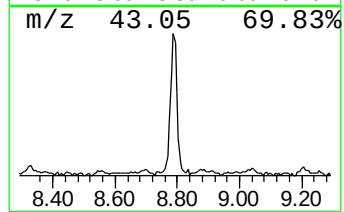
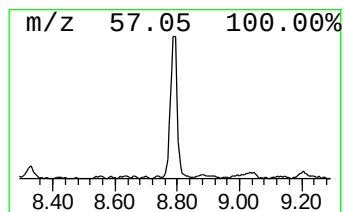
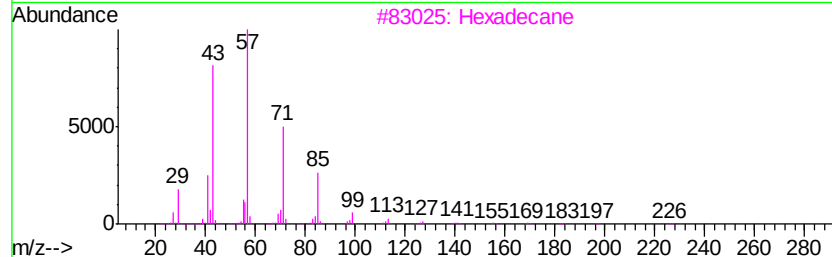
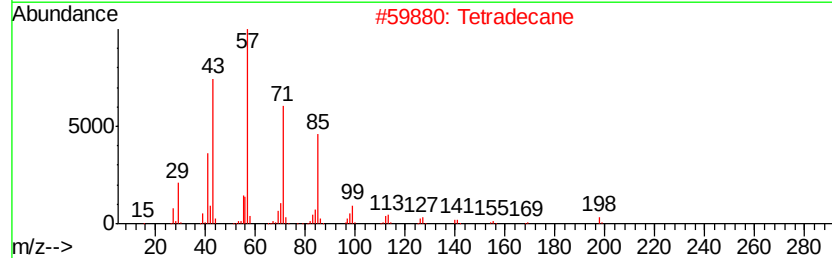
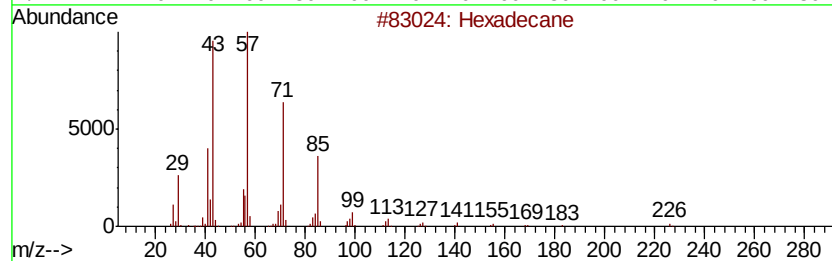
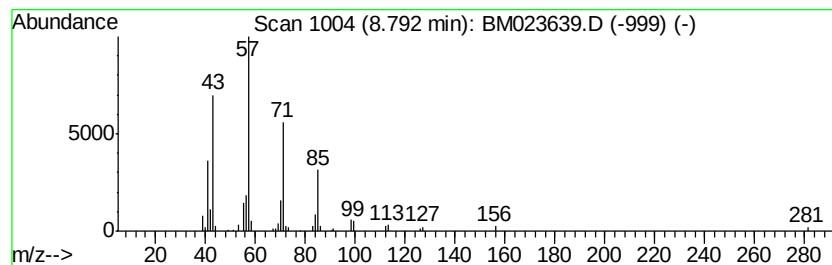
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.79 | 2.20 ng/ul | 232773 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane               | 226 | C16H34  | 000544-76-3 | 90   |
| 2    |    | Tetradecane              | 198 | C14H30  | 000629-59-4 | 86   |
| 3    |    | Hexadecane               | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Tetradecane              | 198 | C14H30  | 000629-59-4 | 78   |
| 5    |    | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEK26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

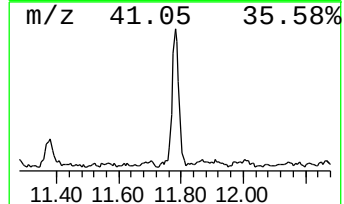
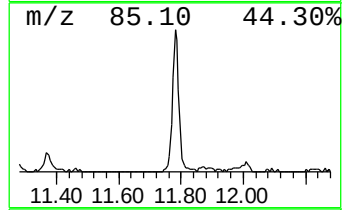
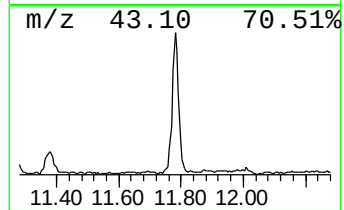
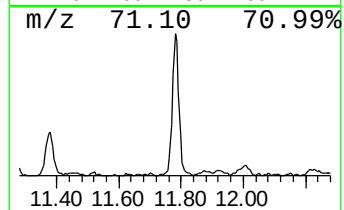
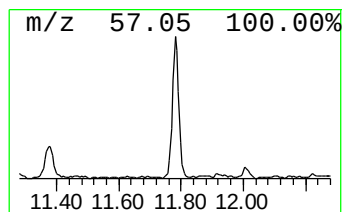
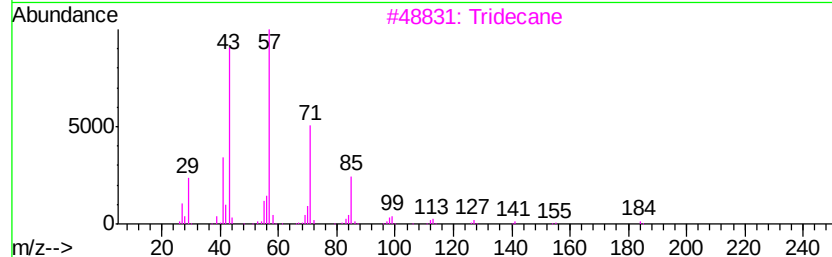
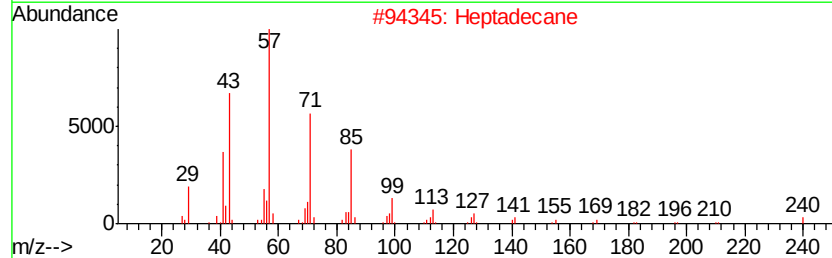
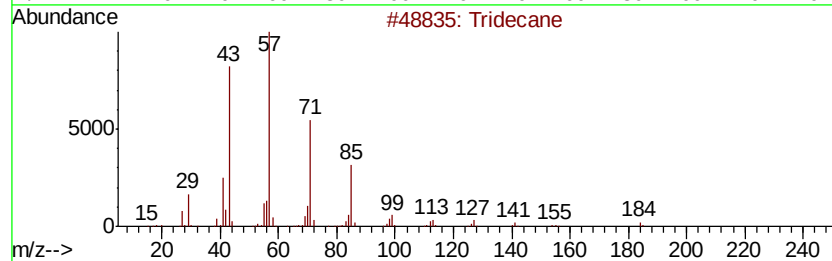
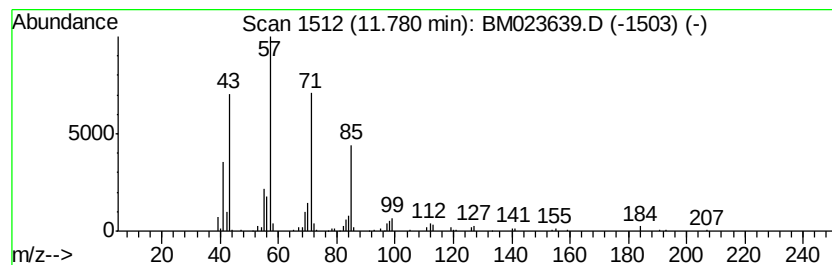
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.78 | 2.05 ng/ul | 363977 | Napthalene-d8    | 10.32 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane        | 184 | C13H28  | 000629-50-5 | 81   |
| 2    |    | Heptadecane      | 240 | C17H36  | 000629-78-7 | 78   |
| 3    |    | Tridecane        | 184 | C13H28  | 000629-50-5 | 76   |
| 4    |    | Tetradecane      | 198 | C14H30  | 000629-59-4 | 72   |
| 5    |    | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEK26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

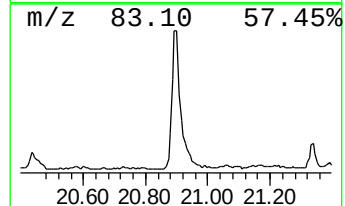
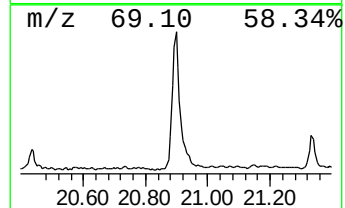
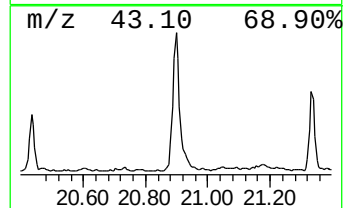
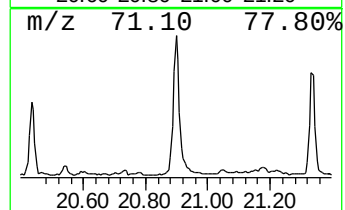
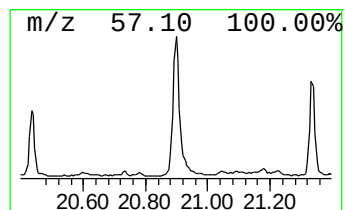
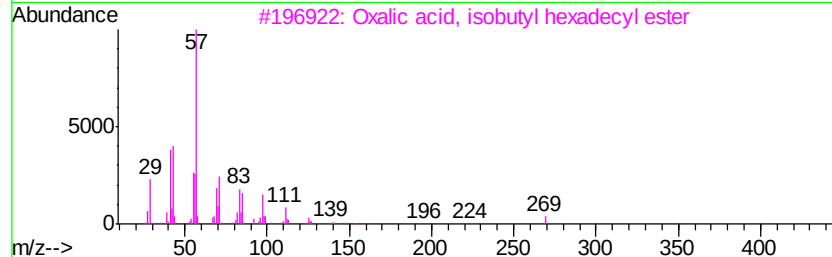
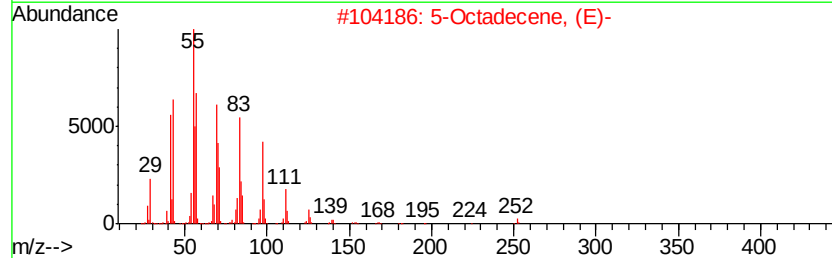
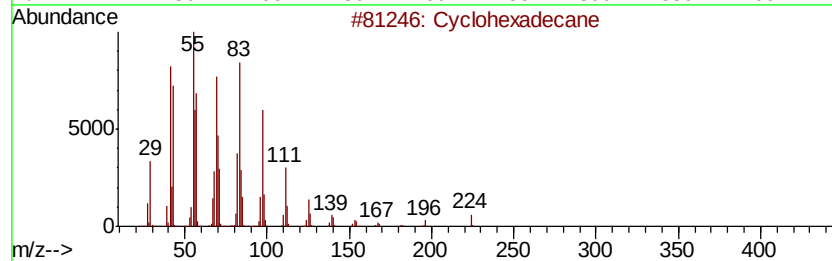
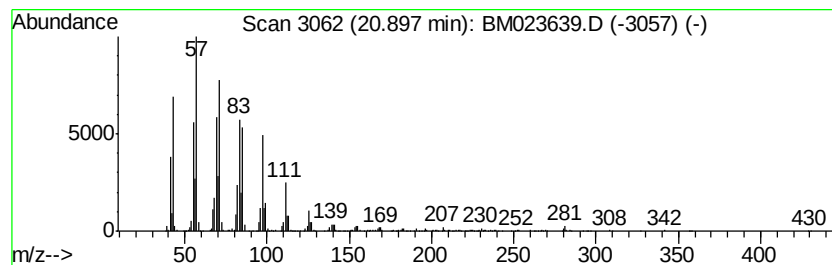
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.90 | 5.41 ng/ul | 2095850 | Chrysene-d12     | 21.15 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Cyclohexadecane                     | 224 | C16H32   | 000295-65-8  | 96   |
| 2    |    | 5-Octadecene, (E)-                  | 252 | C18H36   | 007206-21-5  | 92   |
| 3    |    | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 91   |
| 4    |    | Oxalic acid, hexadecyl propyl ester | 356 | C21H40O4 | 1000309-26-9 | 91   |
| 5    |    | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2 | 002136-70-1  | 76   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEK26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

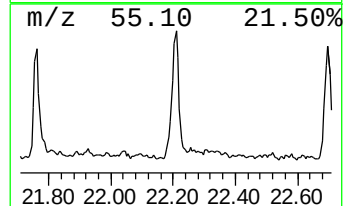
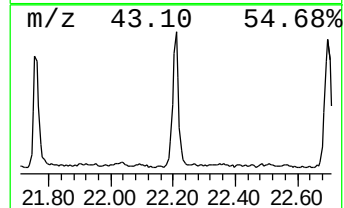
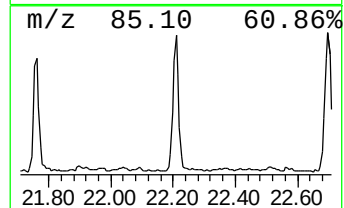
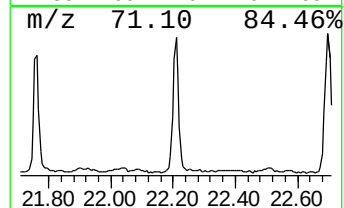
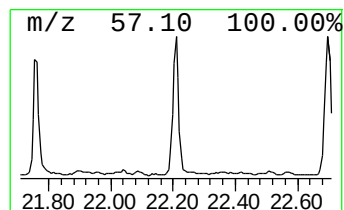
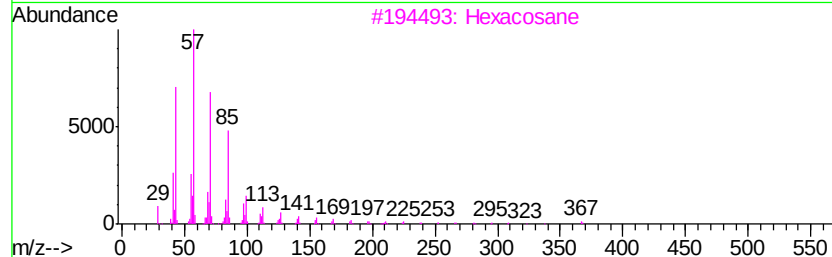
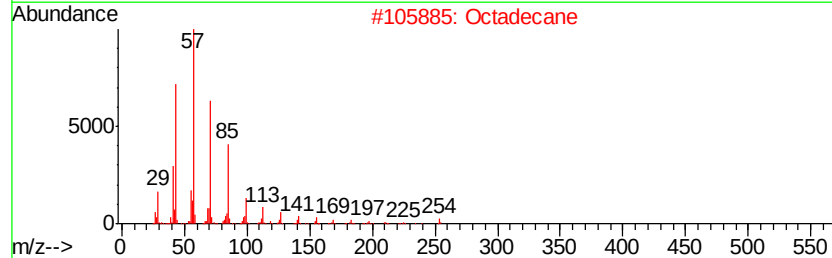
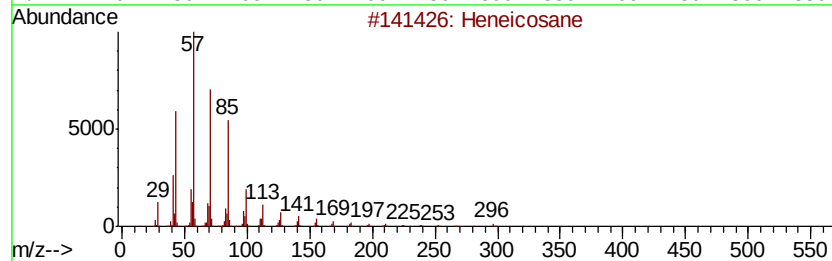
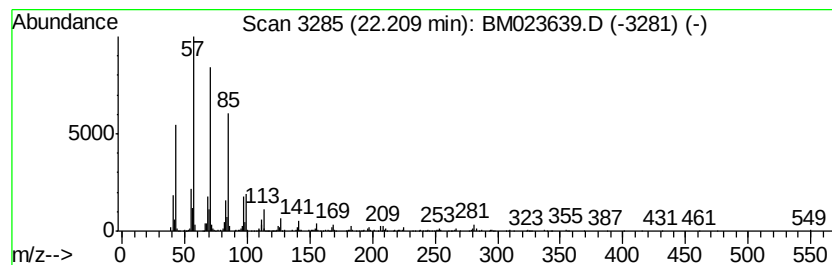
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.21 | 2.24 ng/ul | 867525 | Chrysene-d12     | 21.15 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7  | 90   |
| 2    |    | Octadecane             | 254 | C18H38  | 000593-45-3  | 87   |
| 3    |    | Hexacosane             | 366 | C26H54  | 000630-01-3  | 87   |
| 4    |    | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 87   |
| 5    |    | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0  | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

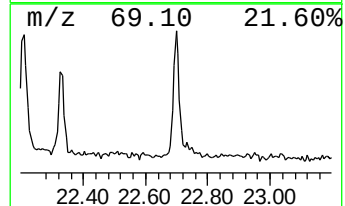
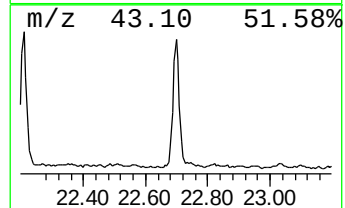
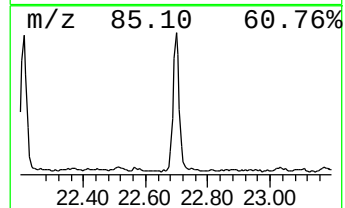
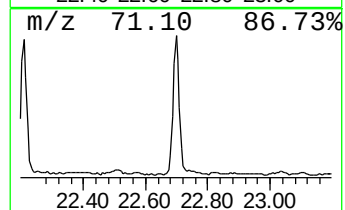
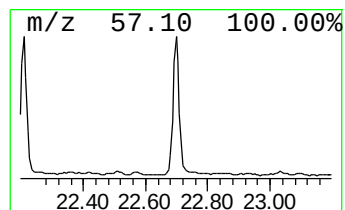
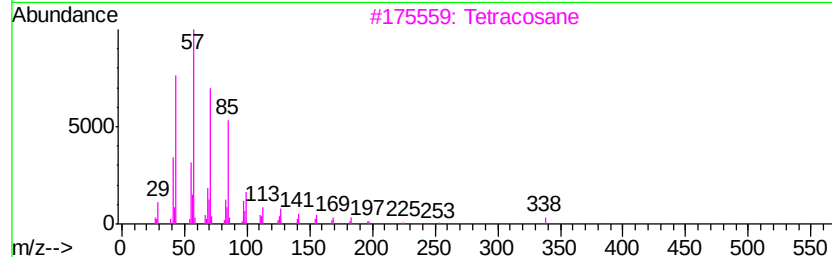
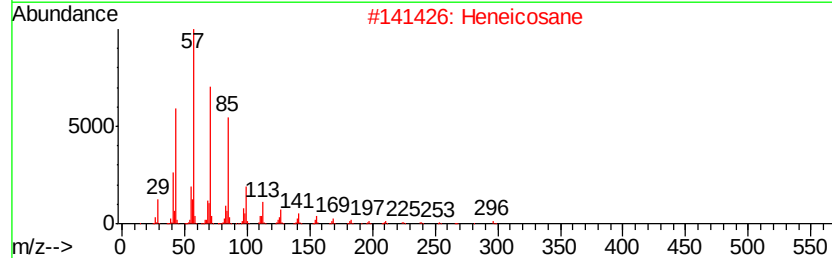
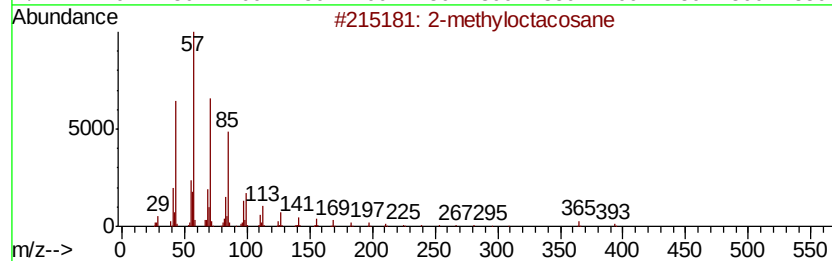
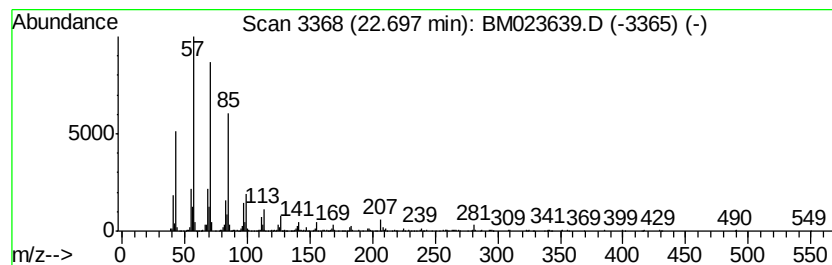
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.70 | 2.10 ng/ul | 767136 | Perylene-d12     | 23.31 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1  | 91   |
| 4    |    |   | Octadecane            | 254 | C18H38  | 000593-45-3  | 87   |
| 5    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

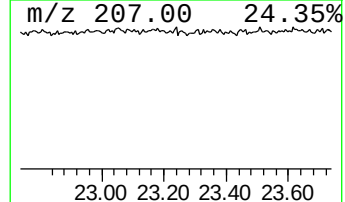
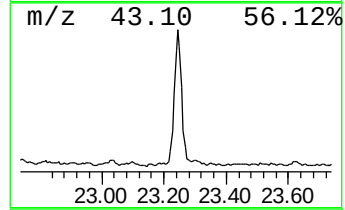
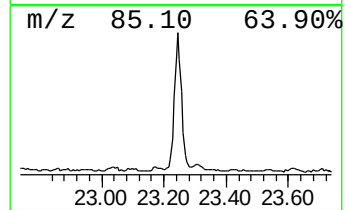
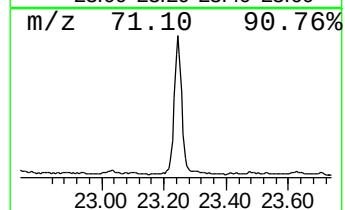
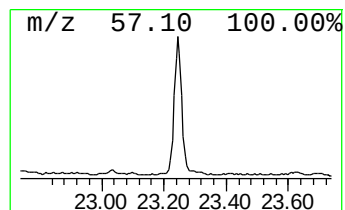
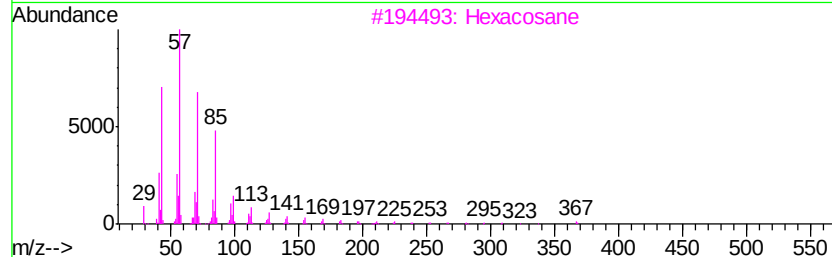
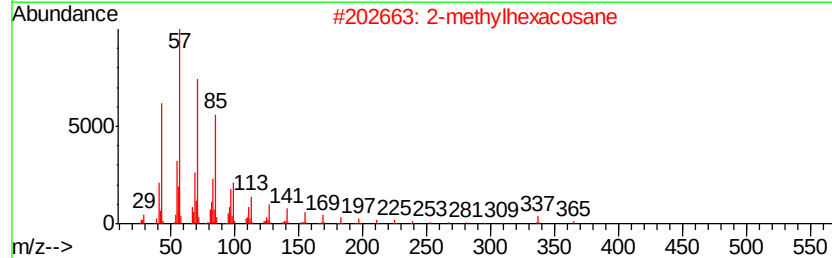
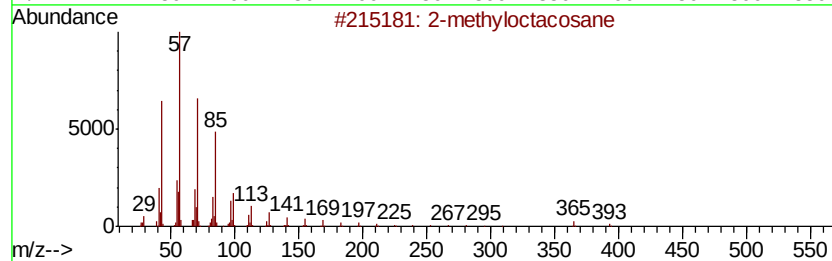
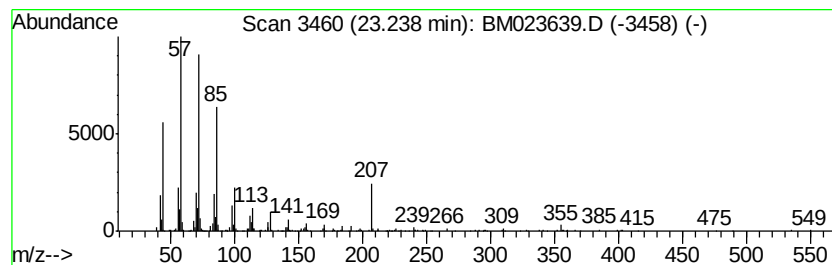
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.24 | 2.45 ng/ul | 895948 | Perylene-d12     | 23.31 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 2    |    | 2-methylhexacosane | 380 | C27H56  | 1000376-72-7 | 91   |
| 3    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 87   |
| 4    |    | triacontane        | 422 | C30H62  | 000638-68-6  | 83   |
| 5    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEK26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

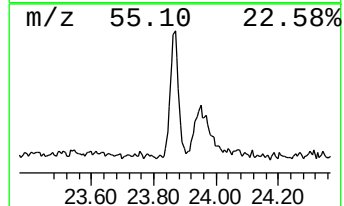
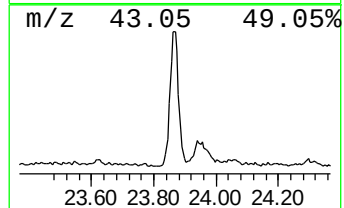
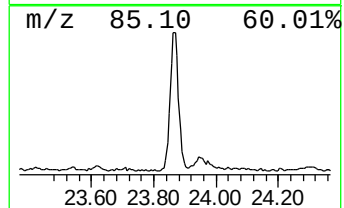
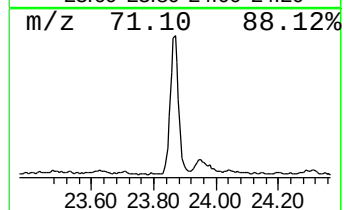
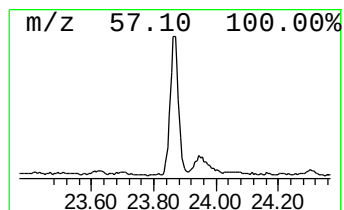
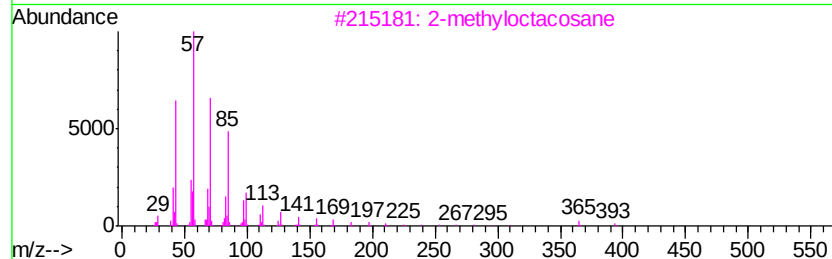
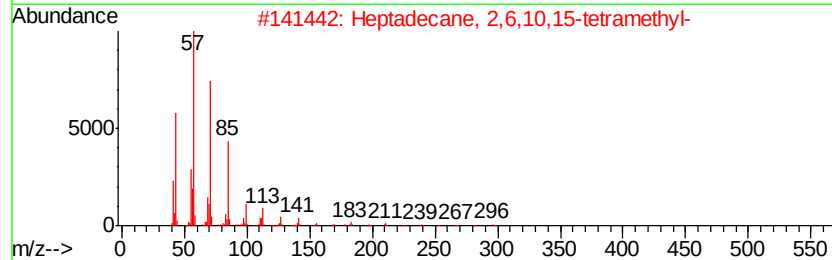
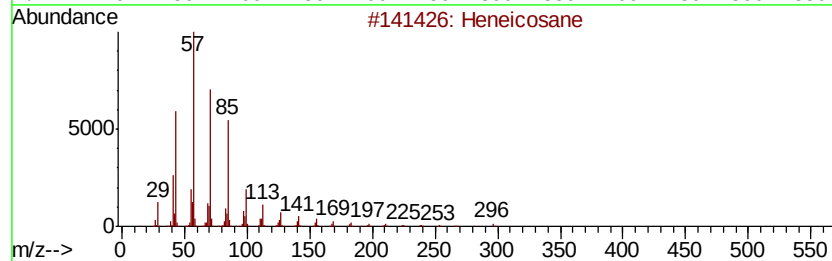
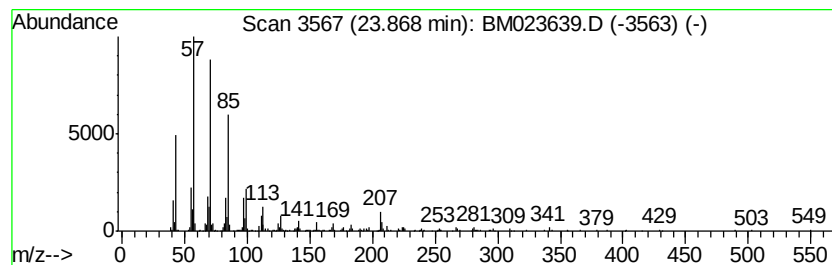
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.87 | 2.11 ng/ul | 772197 | Perylene-d12     | 23.31 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane                         | 296 | C21H44  | 000629-94-7  | 96   |
| 2    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6  | 90   |
| 3    |    | 2-methyloctacosane                  | 408 | C29H60  | 1000376-72-8 | 90   |
| 4    |    | Heneicosane                         | 296 | C21H44  | 000629-94-7  | 90   |
| 5    |    | Dodecane, 2-methyl-                 | 184 | C13H28  | 001560-97-0  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111119\  
Data File : BM023639.D  
Acq On : 11 Nov 2019 16:41  
Operator : JU  
Sample : K5535-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEK26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION

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

|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 7.19  | 2.5     | ng/ul | 269876   | 1                     | 7.55  | 2117100 | 20.0 |
| (DEL) Alkane: Str... | 8.79  | 2.2     | ng/ul | 232773   | 1                     | 7.55  | 2117100 | 20.0 |
| (DEL) Alkane: Str... | 11.78 | 2.0     | ng/ul | 363977   | 2                     | 10.32 | 3557290 | 20.0 |
| (DEL) Alkane: Cyc... | 20.90 | 5.4     | ng/ul | 2095850  | 5                     | 21.15 | 7743700 | 20.0 |
| (DEL) Alkane: Str... | 22.21 | 2.2     | ng/ul | 867525   | 5                     | 21.15 | 7743700 | 20.0 |
| (DEL) Alkane: Str... | 22.70 | 2.1     | ng/ul | 767136   | 6                     | 23.31 | 7306890 | 20.0 |
| (DEL) Alkane: Str... | 23.24 | 2.5     | ng/ul | 895948   | 6                     | 23.31 | 7306890 | 20.0 |
| (DEL) Alkane: Str... | 23.87 | 2.1     | ng/ul | 772197   | 6                     | 23.31 | 7306890 | 20.0 |