

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014782.D  
 Acq On : 21 Apr 2023 10:09  
 Operator : CG/JU  
 Sample : 02373-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB9D3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP014782.D\data.ms

| 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         | 3.217       | 3             | 5           | 26           | rVB      | 1039236        | 1117599       | 19.44%          | 2.130%        |
| 2         | 3.487       | 46            | 51          | 57           | rVB      | 52572          | 64645         | 1.12%           | 0.123%        |
| 3         | 3.923       | 123           | 125         | 137          | rBV      | 118757         | 167286        | 2.91%           | 0.319%        |
| 4         | 4.034       | 142           | 144         | 148          | rVB5     | 7825           | 8837          | 0.15%           | 0.017%        |
| 5         | 4.164       | 161           | 166         | 172          | rBV2     | 6846           | 11735         | 0.20%           | 0.022%        |
| 6         | 4.264       | 178           | 183         | 190          | rBV      | 24853          | 37259         | 0.65%           | 0.071%        |
| 7         | 4.487       | 216           | 221         | 229          | rVB2     | 19163          | 31362         | 0.55%           | 0.060%        |
| 8         | 4.634       | 243           | 246         | 251          | rBV7     | 4315           | 7563          | 0.13%           | 0.014%        |
| 9         | 4.905       | 288           | 292         | 299          | rVB5     | 11086          | 17086         | 0.30%           | 0.033%        |
| 10        | 5.205       | 337           | 343         | 347          | rVB7     | 4397           | 6657          | 0.12%           | 0.013%        |
| 11        | 5.393       | 369           | 375         | 378          | rBV3     | 10110          | 15319         | 0.27%           | 0.029%        |
| 12        | 6.522       | 563           | 567         | 571          | rBV6     | 4907           | 7477          | 0.13%           | 0.014%        |
| 13        | 7.287       | 689           | 697         | 706          | rVB      | 220769         | 336394        | 5.85%           | 0.641%        |
| 14        | 7.464       | 719           | 727         | 745          | rBV      | 750856         | 1169533       | 20.34%          | 2.229%        |
| 15        | 7.675       | 753           | 763         | 773          | rBV      | 710766         | 1139675       | 19.83%          | 2.172%        |
| 16        | 7.758       | 773           | 777         | 783          | rVB9     | 5453           | 10637         | 0.19%           | 0.020%        |
| 17        | 8.152       | 837           | 844         | 851          | rBV      | 835673         | 1327784       | 23.10%          | 2.530%        |
| 18        | 8.846       | 954           | 962         | 971          | rBV      | 581458         | 902451        | 15.70%          | 1.720%        |
| 19        | 9.322       | 1035          | 1043        | 1053         | rBV      | 775276         | 1260389       | 21.93%          | 2.402%        |
| 20        | 9.481       | 1065          | 1070        | 1071         | rBV5     | 4202           | 5835          | 0.10%           | 0.011%        |
| 21        | 9.734       | 1102          | 1113        | 1119         | rBV5     | 8798           | 18463         | 0.32%           | 0.035%        |
| 22        | 10.046      | 1159          | 1166        | 1176         | rBV      | 545124         | 888192        | 15.45%          | 1.692%        |
| 23        | 10.199      | 1188          | 1192        | 1197         | rVB5     | 7316           | 13106         | 0.23%           | 0.025%        |
| 24        | 10.587      | 1250          | 1258        | 1273         | rBV      | 1020797        | 1646481       | 28.64%          | 3.137%        |
| 25        | 10.975      | 1316          | 1324        | 1332         | rBV      | 1115110        | 1913375       | 33.28%          | 3.646%        |
| 26        | 11.105      | 1336          | 1346        | 1356         | rBV      | 335339         | 581499        | 10.12%          | 1.108%        |
| 27        | 11.628      | 1431          | 1435        | 1439         | rBV6     | 3848           | 6000          | 0.10%           | 0.011%        |
| 28        | 11.787      | 1456          | 1462        | 1467         | rBV4     | 16305          | 24793         | 0.43%           | 0.047%        |
| 29        | 12.546      | 1587          | 1591        | 1597         | rBV2     | 18404          | 29236         | 0.51%           | 0.056%        |
| 30        | 13.599      | 1766          | 1770        | 1777         | rVB7     | 6186           | 9004          | 0.16%           | 0.017%        |
| 31        | 13.663      | 1777          | 1781        | 1788         | rVV4     | 11950          | 19657         | 0.34%           | 0.037%        |
| 32        | 13.751      | 1788          | 1796        | 1801         | rVB4     | 3918           | 9941          | 0.17%           | 0.019%        |
| 33        | 13.946      | 1825          | 1829        | 1833         | rBV6     | 5066           | 7408          | 0.13%           | 0.014%        |
| 34        | 14.181      | 1862          | 1869        | 1882         | rBV      | 1917315        | 2692534       | 46.84%          | 5.131%        |
| 35        | 14.304      | 1885          | 1890        | 1895         | rBV8     | 8018           | 12080         | 0.21%           | 0.023%        |
| 36        | 14.475      | 1912          | 1919        | 1928         | rBV      | 2333045        | 3180981       | 55.34%          | 6.061%        |

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 ClientSampleId :  
 CB9D3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.657 | 1947 | 1950 | 1955 | rBV7 | 6278    | 8114    | 0.14%   | 0.015%  |
| 38 | 14.781 | 1964 | 1971 | 1978 | rBV  | 1716606 | 2553441 | 44.42%  | 4.866%  |
| 39 | 14.845 | 1979 | 1982 | 1986 | rVB6 | 7380    | 11339   | 0.20%   | 0.022%  |
| 40 | 14.945 | 1990 | 1999 | 2010 | rBV  | 144551  | 225984  | 3.93%   | 0.431%  |
| 41 | 15.104 | 2022 | 2026 | 2030 | rBV6 | 8942    | 13733   | 0.24%   | 0.026%  |
| 42 | 15.769 | 2132 | 2139 | 2149 | rBV  | 2878416 | 4096749 | 71.27%  | 7.806%  |
| 43 | 15.869 | 2150 | 2156 | 2170 | rVV  | 551402  | 773640  | 13.46%  | 1.474%  |
| 44 | 16.010 | 2173 | 2180 | 2186 | rVB3 | 13241   | 27770   | 0.48%   | 0.053%  |
| 45 | 16.128 | 2195 | 2200 | 2208 | rBV  | 148653  | 195925  | 3.41%   | 0.373%  |
| 46 | 16.545 | 2269 | 2271 | 2277 | rVB7 | 4976    | 7605    | 0.13%   | 0.014%  |
| 47 | 16.898 | 2328 | 2331 | 2335 | rBV6 | 8343    | 11347   | 0.20%   | 0.022%  |
| 48 | 17.269 | 2392 | 2394 | 2397 | rBV4 | 6165    | 7167    | 0.12%   | 0.014%  |
| 49 | 17.310 | 2399 | 2401 | 2408 | rVB7 | 8690    | 13302   | 0.23%   | 0.025%  |
| 50 | 17.528 | 2432 | 2438 | 2448 | rBV  | 2040478 | 2925842 | 50.90%  | 5.575%  |
| 51 | 17.628 | 2448 | 2455 | 2469 | rVV  | 2980909 | 4103124 | 71.38%  | 7.818%  |
| 52 | 17.734 | 2469 | 2473 | 2477 | rVB7 | 8153    | 14488   | 0.25%   | 0.028%  |
| 53 | 17.875 | 2494 | 2497 | 2505 | rVB9 | 13816   | 26203   | 0.46%   | 0.050%  |
| 54 | 18.263 | 2559 | 2563 | 2566 | rVV6 | 7428    | 13159   | 0.23%   | 0.025%  |
| 55 | 18.381 | 2578 | 2583 | 2589 | rBV  | 125309  | 171519  | 2.98%   | 0.327%  |
| 56 | 18.716 | 2636 | 2640 | 2646 | rVB5 | 21222   | 36566   | 0.64%   | 0.070%  |
| 57 | 19.422 | 2756 | 2760 | 2763 | rBV2 | 35027   | 44041   | 0.77%   | 0.084%  |
| 58 | 19.486 | 2765 | 2771 | 2774 | rBV2 | 48473   | 83737   | 1.46%   | 0.160%  |
| 59 | 19.604 | 2787 | 2791 | 2797 | rBV3 | 66729   | 89789   | 1.56%   | 0.171%  |
| 60 | 19.839 | 2825 | 2831 | 2840 | rBV  | 3895092 | 5014773 | 87.24%  | 9.556%  |
| 61 | 21.275 | 3071 | 3075 | 3084 | rBV2 | 233290  | 347237  | 6.04%   | 0.662%  |
| 62 | 21.598 | 3125 | 3130 | 3139 | rBV  | 2507648 | 3291859 | 57.26%  | 6.273%  |
| 63 | 22.916 | 3351 | 3354 | 3360 | rVB  | 206087  | 277950  | 4.84%   | 0.530%  |
| 64 | 24.004 | 3531 | 3539 | 3555 | rVB2 | 2755108 | 5748547 | 100.00% | 10.954% |
| 65 | 24.174 | 3560 | 3568 | 3579 | rVB2 | 1685016 | 3646696 | 63.44%  | 6.949%  |

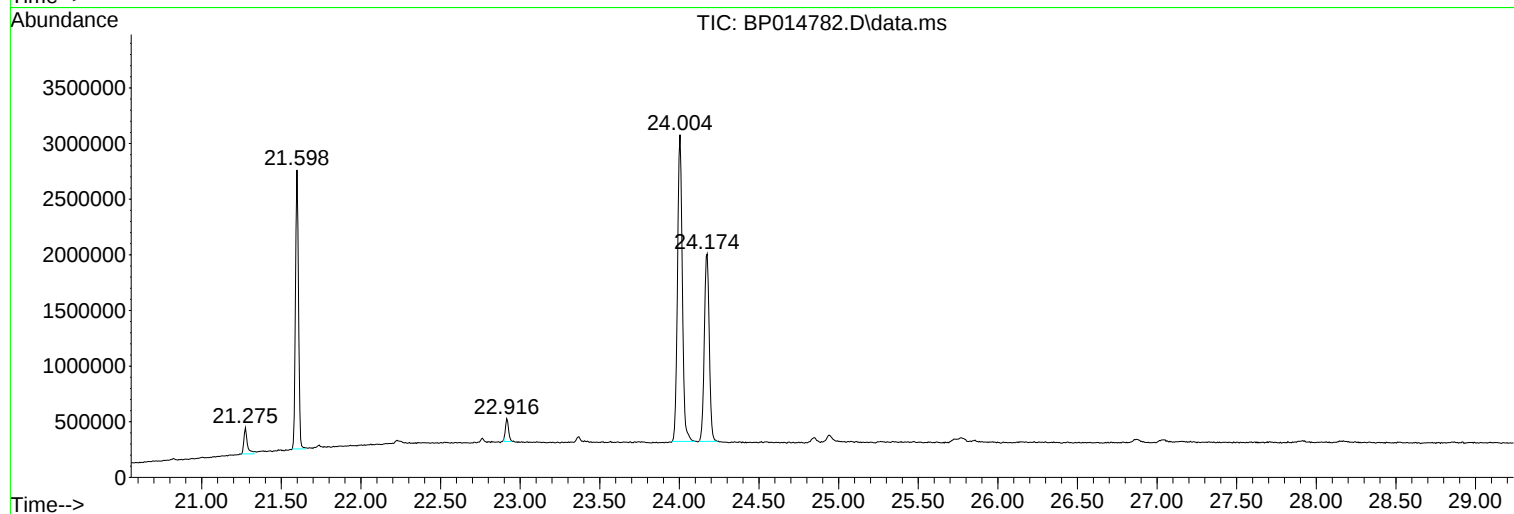
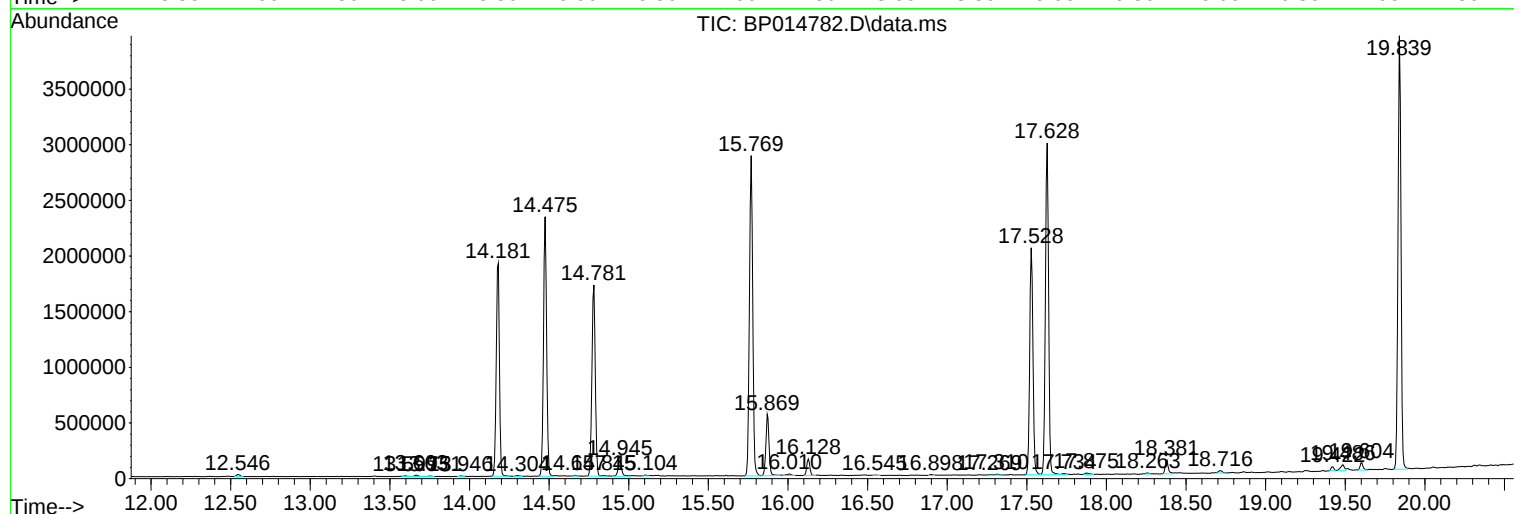
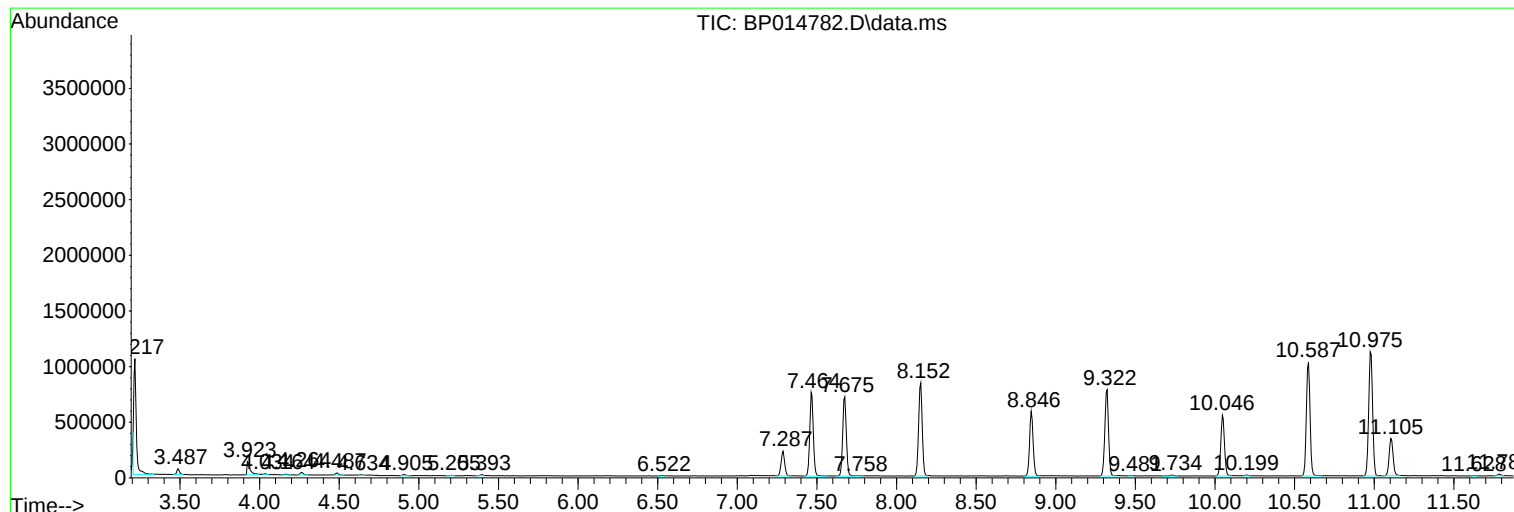
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Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
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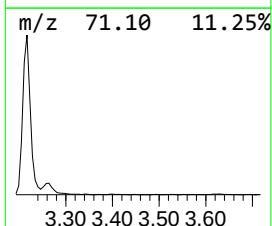
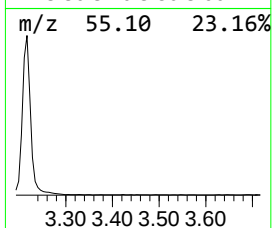
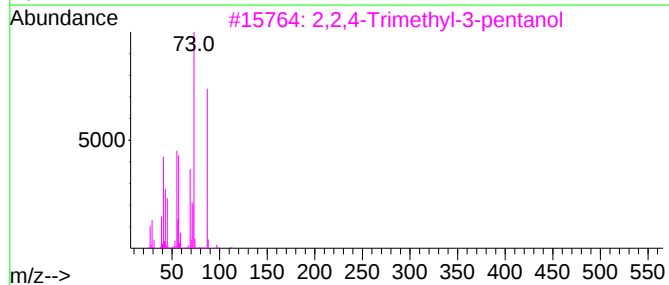
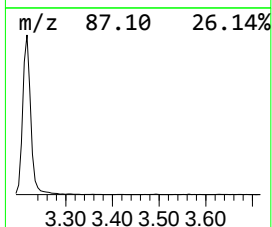
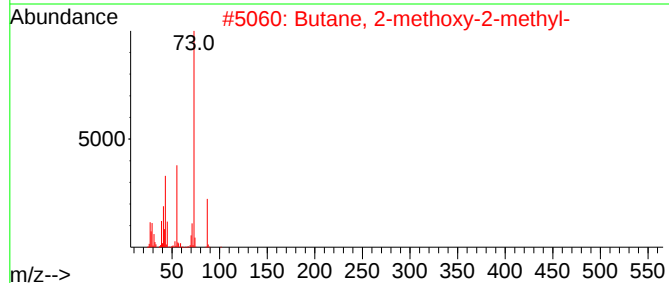
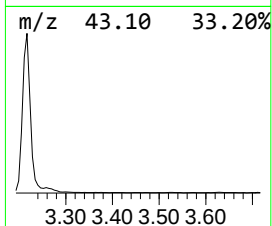
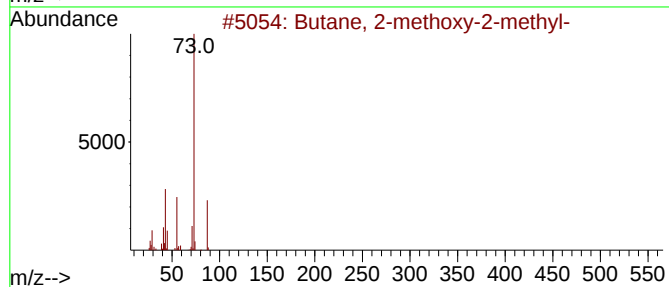
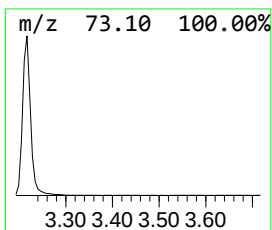
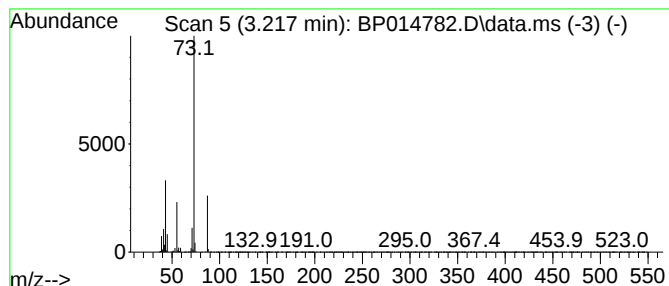
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.217 | 16.83 ng/ul | 1117600 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# | of                          | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-----------------------------|-----|--------------|-------------|---------|------|------|
| 1    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 83      |      |      |
| 2    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 64      |      |      |
| 3    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 40      |      |      |
| 4    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2       | 000497-26-7 | 23      |      |      |
| 5    | Pentane, 3-methoxy-         | 102 | C6H14O       | 036839-67-5 | 17      |      |      |



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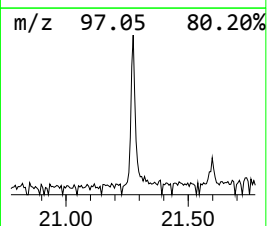
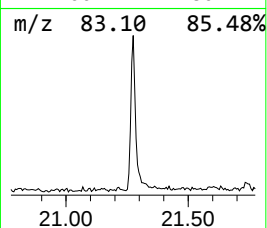
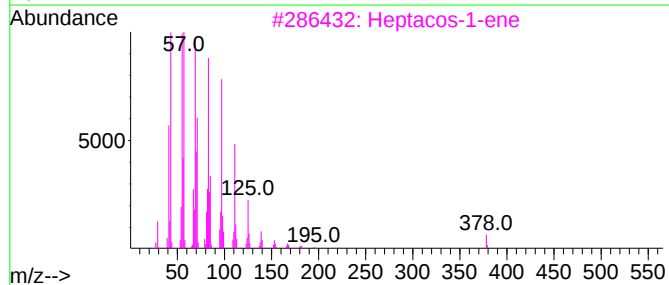
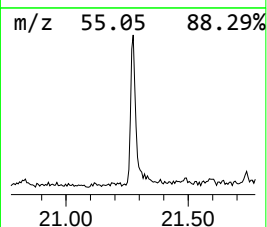
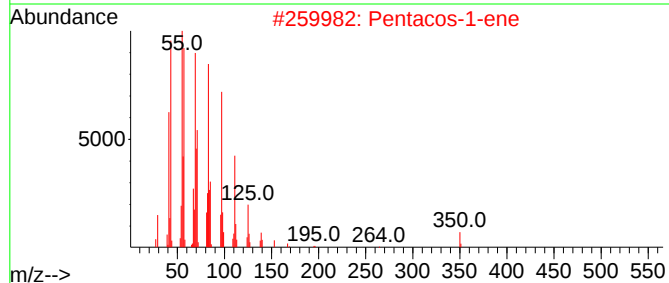
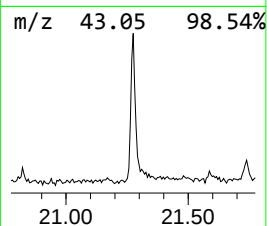
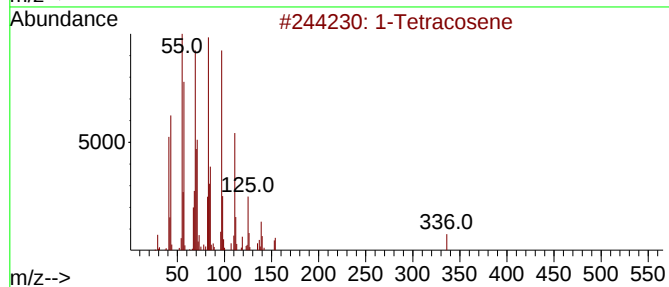
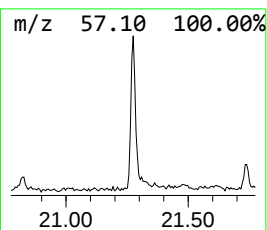
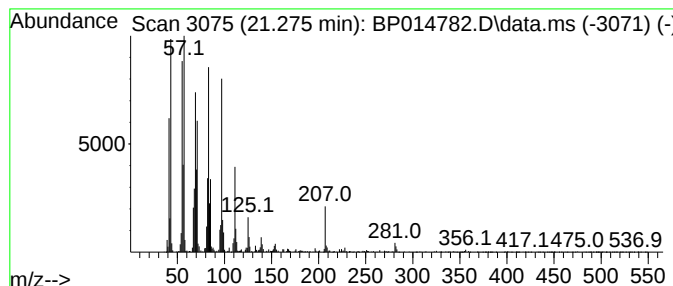
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.275 | 2.11 ng/ul | 347237 | Chrysene-d12     | 21.598 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|------|-------------------------------------|-----|-------------|-------------|------|
| 1    |      | 1-Tetracosene                       | 336 | C24H48      | 010192-32-2 | 98   |
| 2    |      | Pentacos-1-ene                      | 350 | C25H50      | 016980-85-1 | 94   |
| 3    |      | Heptacos-1-ene                      | 378 | C27H54      | 015306-27-1 | 94   |
| 4    |      | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 5    |      | 1-Tetracosene                       | 336 | C24H48      | 010192-32-2 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.217  | 16.8    | ng/u1 | 1117600  | 1                     | 8.152  | 1327780 | 20.0 |
| (DEL) Alkane: S... | 21.275 | 2.1     | ng/u1 | 347237   | 5                     | 21.598 | 3291860 | 20.0 |