

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122321\  
 Data File : BP008534.D  
 Acq On : 23 Dec 2021 20:31  
 Operator : CG/JU  
 Sample : M5090-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BG3C5

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-BP122321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP008534.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         | 3.022       | 3             | 6           | 14           | rVB      | 2828239        | 4151020       | 37.91%          | 3.961%        |
| 2         | 3.099       | 14            | 19          | 41           | rVB      | 2376551        | 3308672       | 30.22%          | 3.157%        |
| 3         | 3.352       | 58            | 62          | 70           | rVB      | 107695         | 149955        | 1.37%           | 0.143%        |
| 4         | 3.758       | 127           | 131         | 150          | rVB      | 446199         | 675514        | 6.17%           | 0.645%        |
| 5         | 4.099       | 186           | 189         | 196          | rVB      | 33243          | 44059         | 0.40%           | 0.042%        |
| 6         | 5.016       | 341           | 345         | 350          | rVB      | 44294          | 63004         | 0.58%           | 0.060%        |
| 7         | 7.057       | 686           | 692         | 704          | rVB      | 412647         | 679009        | 6.20%           | 0.648%        |
| 8         | 7.234       | 715           | 722         | 732          | rBV      | 1425998        | 2358638       | 21.54%          | 2.250%        |
| 9         | 7.434       | 748           | 756         | 763          | rBV      | 1438929        | 2271550       | 20.74%          | 2.167%        |
| 10        | 7.546       | 771           | 775         | 781          | rVB7     | 11614          | 21771         | 0.20%           | 0.021%        |
| 11        | 7.904       | 829           | 836         | 844          | rBV      | 1318066        | 2099428       | 19.17%          | 2.003%        |
| 12        | 7.975       | 844           | 848         | 854          | rVB6     | 12807          | 19900         | 0.18%           | 0.019%        |
| 13        | 8.604       | 946           | 955         | 964          | rBV      | 1174257        | 1894665       | 17.30%          | 1.808%        |
| 14        | 9.057       | 1024          | 1032        | 1045         | rBV      | 1693845        | 2773332       | 25.33%          | 2.646%        |
| 15        | 9.175       | 1045          | 1052        | 1057         | rVB10    | 7875           | 20339         | 0.19%           | 0.019%        |
| 16        | 9.534       | 1105          | 1113        | 1118         | rBV6     | 12241          | 22795         | 0.21%           | 0.022%        |
| 17        | 9.781       | 1147          | 1155        | 1164         | rBV      | 1037379        | 1730052       | 15.80%          | 1.651%        |
| 18        | 9.904       | 1171          | 1176        | 1183         | rVV      | 15568          | 27602         | 0.25%           | 0.026%        |
| 19        | 9.969       | 1183          | 1187        | 1191         | rVV7     | 9008           | 14499         | 0.13%           | 0.014%        |
| 20        | 10.004      | 1191          | 1193        | 1200         | rVB8     | 8891           | 13348         | 0.12%           | 0.013%        |
| 21        | 10.322      | 1239          | 1247        | 1264         | rBV      | 2014072        | 3401506       | 31.06%          | 3.245%        |
| 22        | 10.704      | 1304          | 1312        | 1320         | rBV      | 1730091        | 2987879       | 27.29%          | 2.851%        |
| 23        | 10.834      | 1326          | 1334        | 1349         | rBV      | 1424015        | 2438892       | 22.27%          | 2.327%        |
| 24        | 11.416      | 1428          | 1433        | 1439         | rVB9     | 7323           | 13205         | 0.12%           | 0.013%        |
| 25        | 11.493      | 1441          | 1446        | 1451         | rBV6     | 11516          | 22798         | 0.21%           | 0.022%        |
| 26        | 12.151      | 1551          | 1558        | 1564         | rBV3     | 15916          | 32370         | 0.30%           | 0.031%        |
| 27        | 12.228      | 1564          | 1571        | 1577         | rVV      | 100430         | 166576        | 1.52%           | 0.159%        |
| 28        | 12.292      | 1577          | 1582        | 1588         | rVB      | 44521          | 74772         | 0.68%           | 0.071%        |
| 29        | 12.810      | 1667          | 1670        | 1677         | rVB9     | 7169           | 13370         | 0.12%           | 0.013%        |
| 30        | 12.951      | 1690          | 1694        | 1700         | rVB8     | 9302           | 15606         | 0.14%           | 0.015%        |
| 31        | 13.045      | 1706          | 1710        | 1716         | rBV8     | 9326           | 16845         | 0.15%           | 0.016%        |
| 32        | 13.157      | 1723          | 1729        | 1736         | rVV5     | 13128          | 23388         | 0.21%           | 0.022%        |
| 33        | 13.381      | 1763          | 1767        | 1773         | rBV      | 38107          | 55230         | 0.50%           | 0.053%        |
| 34        | 13.510      | 1785          | 1789        | 1794         | rVB5     | 10555          | 17949         | 0.16%           | 0.017%        |
| 35        | 13.592      | 1797          | 1803        | 1809         | rBV      | 164501         | 236473        | 2.16%           | 0.226%        |
| 36        | 13.863      | 1841          | 1849        | 1852         | rBV9     | 9739           | 21609         | 0.20%           | 0.021%        |

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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-BP122321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |          |         |         |
|----|--------|------|------|------|-------|---------|----------|---------|---------|
| 37 | 13.939 | 1856 | 1862 | 1869 | rVV   | 4141385 | 6025297  | 55.03%  | 5.749%  |
| 38 | 14.051 | 1878 | 1881 | 1895 | rVB   | 12055   | 38484    | 0.35%   | 0.037%  |
| 39 | 14.222 | 1900 | 1910 | 1924 | rBV   | 4917782 | 7635871  | 69.73%  | 7.285%  |
| 40 | 14.451 | 1946 | 1949 | 1954 | rVB3  | 12359   | 17028    | 0.16%   | 0.016%  |
| 41 | 14.534 | 1954 | 1963 | 1971 | rBV   | 2778594 | 4131122  | 37.73%  | 3.942%  |
| 42 | 14.604 | 1971 | 1975 | 1981 | rVB9  | 6399    | 13459    | 0.12%   | 0.013%  |
| 43 | 14.710 | 1986 | 1993 | 1999 | rBV   | 294946  | 453660   | 4.14%   | 0.433%  |
| 44 | 14.951 | 2029 | 2034 | 2040 | rVB4  | 35918   | 53030    | 0.48%   | 0.051%  |
| 45 | 15.175 | 2064 | 2072 | 2078 | rBV   | 38012   | 62146    | 0.57%   | 0.059%  |
| 46 | 15.275 | 2084 | 2089 | 2095 | rVB   | 44977   | 63137    | 0.58%   | 0.060%  |
| 47 | 15.351 | 2098 | 2102 | 2107 | rVV2  | 31313   | 46569    | 0.43%   | 0.044%  |
| 48 | 15.528 | 2124 | 2132 | 2142 | rBV   | 6572485 | 9531086  | 87.04%  | 9.094%  |
| 49 | 15.633 | 2144 | 2150 | 2162 | rBV   | 1026062 | 1424712  | 13.01%  | 1.359%  |
| 50 | 15.769 | 2169 | 2173 | 2179 | rVB2  | 26814   | 44574    | 0.41%   | 0.043%  |
| 51 | 15.892 | 2191 | 2194 | 2201 | rVB9  | 7420    | 13781    | 0.13%   | 0.013%  |
| 52 | 15.975 | 2203 | 2208 | 2212 | rVB8  | 13366   | 24247    | 0.22%   | 0.023%  |
| 53 | 16.092 | 2222 | 2228 | 2236 | rBV10 | 9327    | 23325    | 0.21%   | 0.022%  |
| 54 | 16.198 | 2239 | 2246 | 2250 | rBV9  | 12442   | 36658    | 0.33%   | 0.035%  |
| 55 | 16.275 | 2254 | 2259 | 2263 | rBV6  | 40780   | 59118    | 0.54%   | 0.056%  |
| 56 | 17.069 | 2390 | 2394 | 2398 | rVB   | 19922   | 26509    | 0.24%   | 0.025%  |
| 57 | 17.280 | 2424 | 2430 | 2437 | rBV   | 3207857 | 4591493  | 41.93%  | 4.381%  |
| 58 | 17.380 | 2440 | 2447 | 2457 | rBV   | 7266179 | 10184285 | 93.01%  | 9.717%  |
| 59 | 18.175 | 2578 | 2582 | 2589 | rBV3  | 51198   | 72484    | 0.66%   | 0.069%  |
| 60 | 19.186 | 2750 | 2754 | 2759 | rBV2  | 91006   | 124750   | 1.14%   | 0.119%  |
| 61 | 19.257 | 2762 | 2766 | 2770 | rVB   | 81526   | 109064   | 1.00%   | 0.104%  |
| 62 | 19.351 | 2779 | 2782 | 2787 | rVB   | 33814   | 41462    | 0.38%   | 0.040%  |
| 63 | 19.404 | 2788 | 2791 | 2797 | rVV3  | 48071   | 57768    | 0.53%   | 0.055%  |
| 64 | 19.610 | 2820 | 2826 | 2841 | rBV   | 8139619 | 10950057 | 100.00% | 10.448% |
| 65 | 19.833 | 2862 | 2864 | 2870 | rVB3  | 21195   | 25700    | 0.23%   | 0.025%  |
| 66 | 21.080 | 3074 | 3076 | 3084 | rBV7  | 48130   | 71336    | 0.65%   | 0.068%  |
| 67 | 21.363 | 3118 | 3124 | 3134 | rBV   | 3135103 | 3994399  | 36.48%  | 3.811%  |
| 68 | 22.580 | 3327 | 3331 | 3339 | rVB2  | 195699  | 304856   | 2.78%   | 0.291%  |
| 69 | 23.633 | 3502 | 3510 | 3521 | rBV2  | 4305349 | 8845003  | 80.78%  | 8.439%  |
| 70 | 23.792 | 3530 | 3537 | 3548 | rVB2  | 1842811 | 3836055  | 35.03%  | 3.660%  |

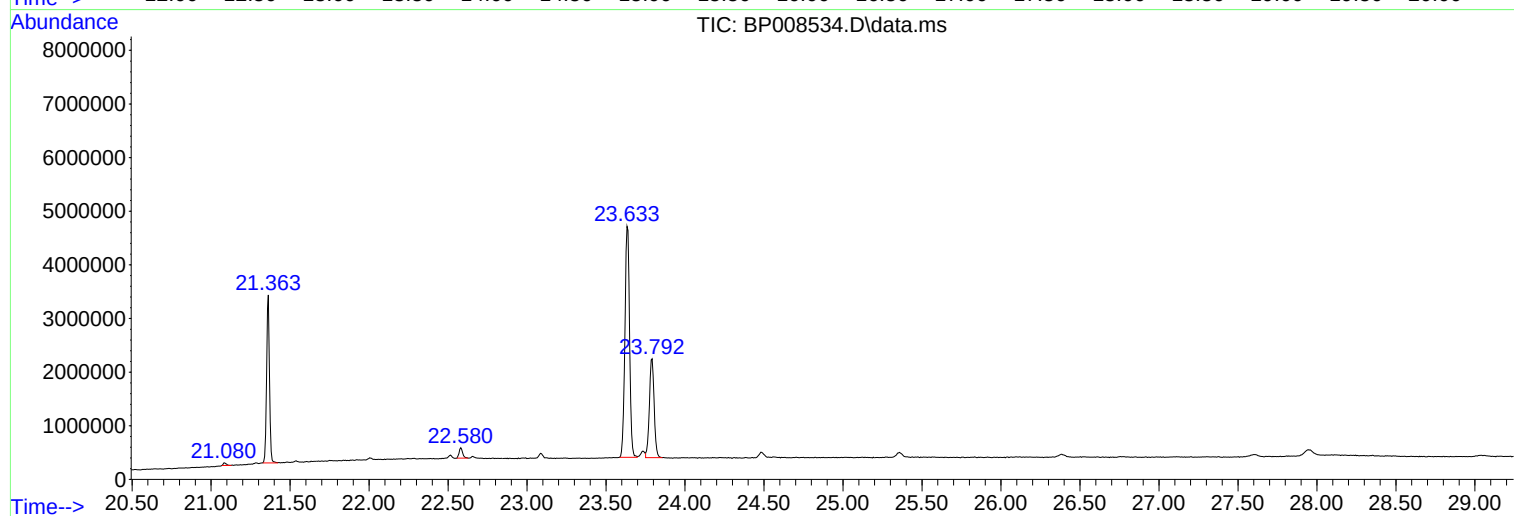
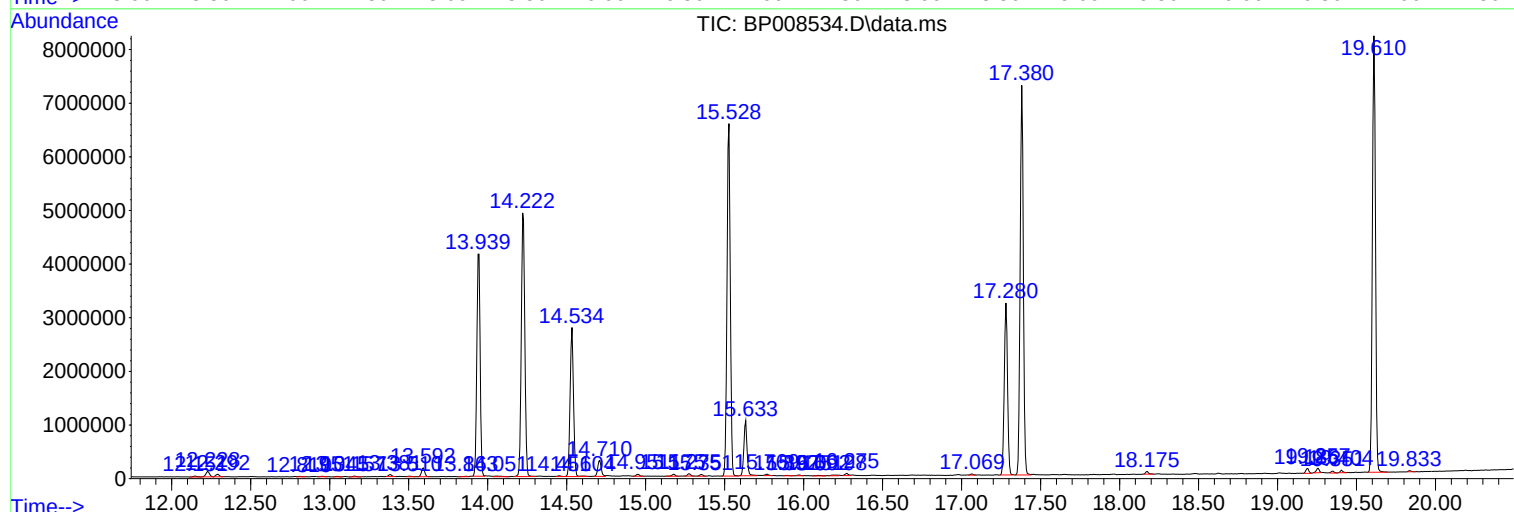
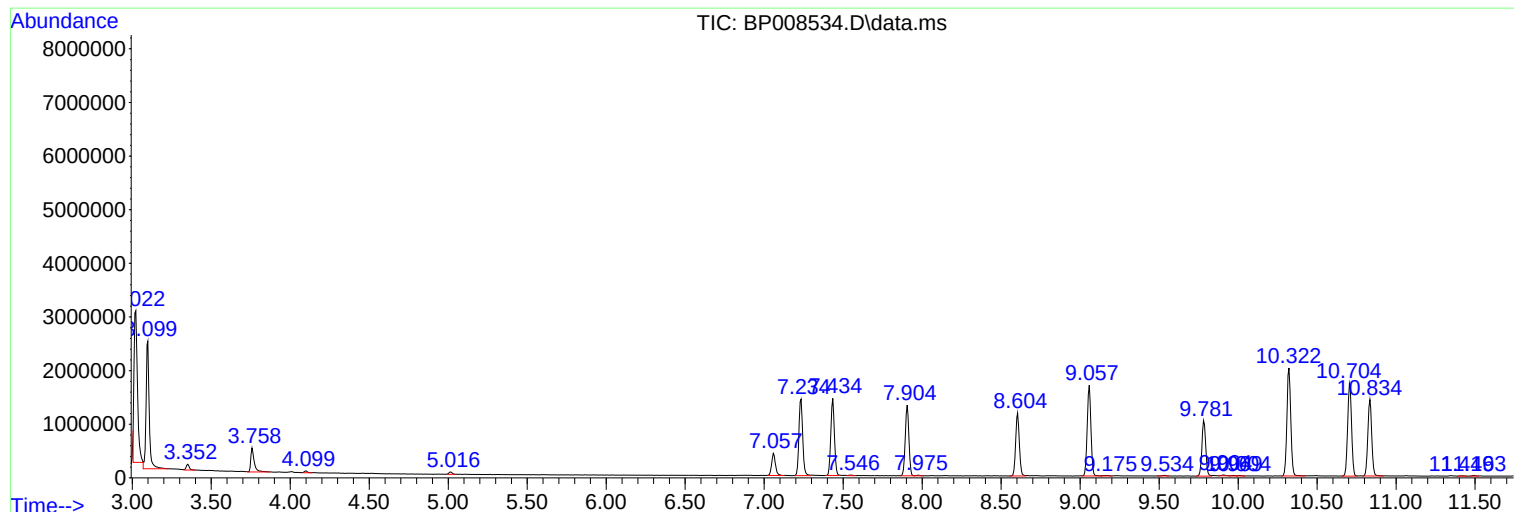
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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



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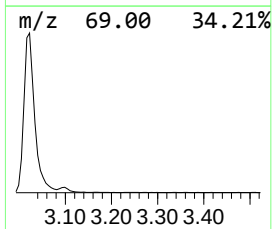
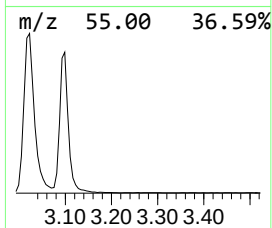
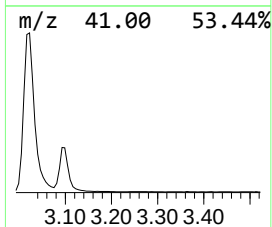
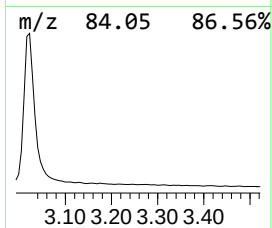
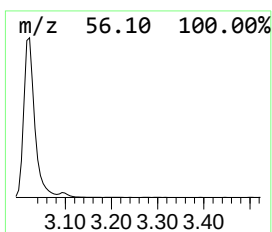
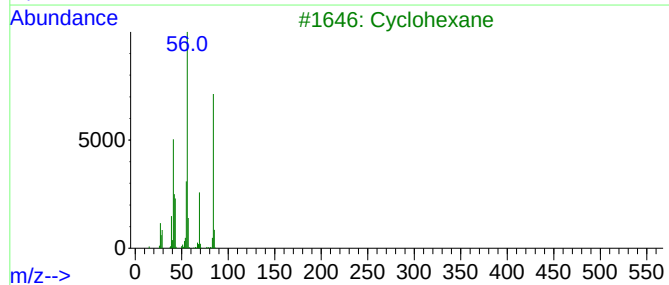
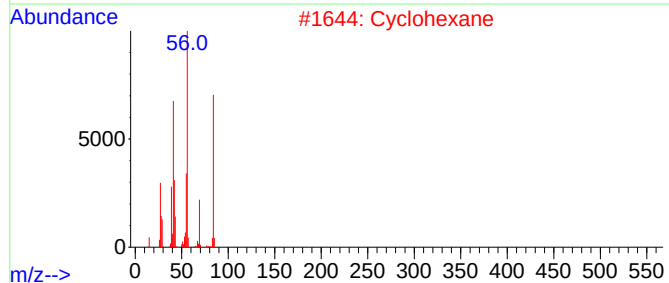
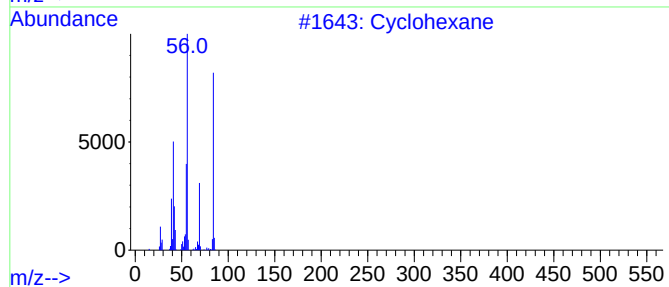
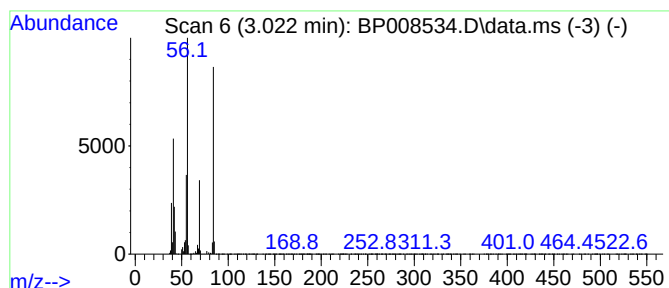
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Cyclic3.022 Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.022 | 39.54 ng/ul | 4151020 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 95   |
| 2    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 91   |
| 3    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 91   |
| 4    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 90   |
| 5    |    |   | 1-Pentene, 2-methyl- | 84 | C6H12   | 000763-29-1 | 72   |



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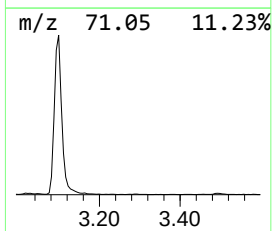
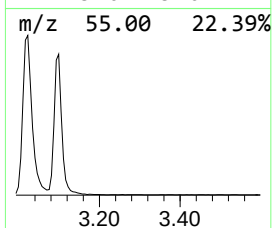
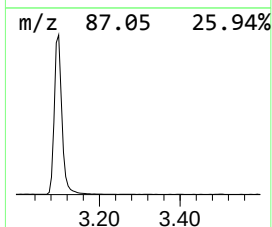
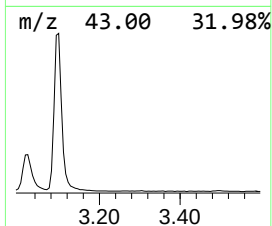
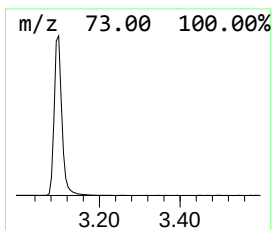
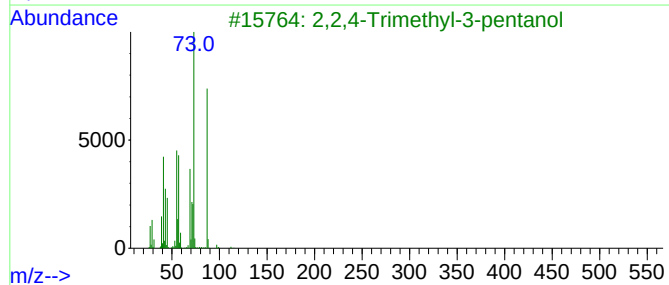
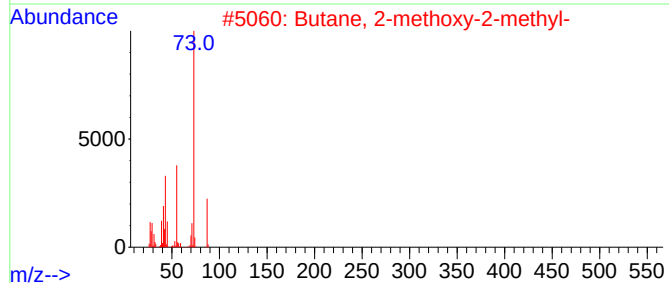
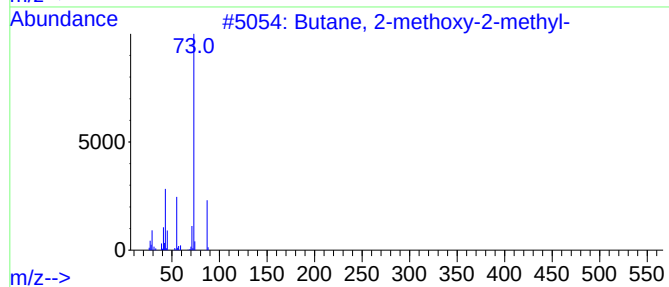
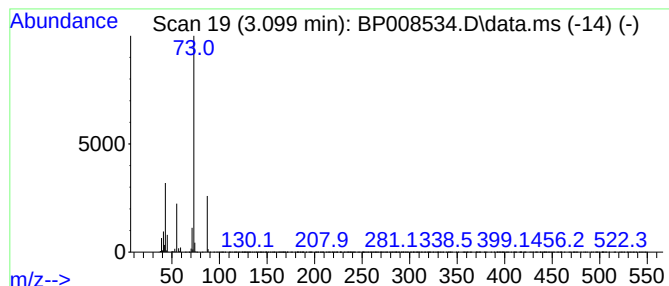
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP122321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.099 | 31.52 ng/ul | 3308670 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: C... | 3.022 | 39.5    | ng/ul | 4151020  | 1                     | 7.904 | 2099430 | 20.0 |
| Butane, 2-metho... | 3.099 | 31.5    | ng/ul | 3308670  | 1                     | 7.904 | 2099430 | 20.0 |