

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
 Data File : BG049542.D  
 Acq On : 28 Jul 2021 21:11  
 Operator : CG/JU  
 Sample : M3106-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGD04

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\_G\METHODS\SFAM-EPA-BG072421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG049542.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         | 3.084       | 3             | 8           | 16           | rBV2     | 69540          | 148738        | 32.99%          | 3.662%        |
| 2         | 3.161       | 17            | 21          | 34           | rVB      | 131862         | 217988        | 48.35%          | 5.367%        |
| 3         | 3.871       | 140           | 142         | 146          | rBV4     | 6361           | 8816          | 1.96%           | 0.217%        |
| 4         | 4.371       | 222           | 227         | 230          | rBV3     | 1708           | 3471          | 0.77%           | 0.085%        |
| 5         | 6.515       | 587           | 592         | 595          | rBV2     | 1456           | 1723          | 0.38%           | 0.042%        |
| 6         | 6.779       | 633           | 637         | 639          | rBV3     | 846            | 1302          | 0.29%           | 0.032%        |
| 7         | 7.202       | 703           | 709         | 717          | rBV2     | 35860          | 62045         | 13.76%          | 1.528%        |
| 8         | 7.261       | 717           | 719         | 723          | rVB3     | 1033           | 1199          | 0.27%           | 0.030%        |
| 9         | 7.367       | 732           | 737         | 747          | rBV2     | 23566          | 39819         | 8.83%           | 0.980%        |
| 10        | 7.578       | 767           | 773         | 782          | rVB2     | 33663          | 60765         | 13.48%          | 1.496%        |
| 11        | 7.772       | 802           | 806         | 807          | rBV      | 1188           | 1249          | 0.28%           | 0.031%        |
| 12        | 7.895       | 824           | 827         | 830          | rBV      | 1201           | 1271          | 0.28%           | 0.031%        |
| 13        | 8.048       | 846           | 853         | 860          | rBV      | 102113         | 180163        | 39.96%          | 4.436%        |
| 14        | 8.583       | 943           | 944         | 950          | rVB      | 1049           | 1171          | 0.26%           | 0.029%        |
| 15        | 8.753       | 968           | 973         | 980          | rBV3     | 33429          | 59453         | 13.19%          | 1.464%        |
| 16        | 9.217       | 1045          | 1052        | 1060         | rBV      | 34985          | 63277         | 14.03%          | 1.558%        |
| 17        | 9.440       | 1088          | 1090        | 1094         | rVB      | 1038           | 1315          | 0.29%           | 0.032%        |
| 18        | 9.622       | 1119          | 1121        | 1125         | rBV2     | 1199           | 1403          | 0.31%           | 0.035%        |
| 19        | 9.940       | 1169          | 1175        | 1183         | rBV4     | 29699          | 56673         | 12.57%          | 1.395%        |
| 20        | 10.486      | 1262          | 1268        | 1278         | rVB2     | 42423          | 76022         | 16.86%          | 1.872%        |
| 21        | 10.645      | 1289          | 1295        | 1300         | rBV3     | 3598           | 8608          | 1.91%           | 0.212%        |
| 22        | 10.868      | 1325          | 1333        | 1344         | rVB      | 144319         | 258337        | 57.30%          | 6.360%        |
| 23        | 11.003      | 1350          | 1356        | 1364         | rVB2     | 33344          | 62554         | 13.87%          | 1.540%        |
| 24        | 12.360      | 1582          | 1587        | 1589         | rVB      | 1045           | 1479          | 0.33%           | 0.036%        |
| 25        | 13.294      | 1743          | 1746        | 1750         | rBV      | 992            | 1291          | 0.29%           | 0.032%        |
| 26        | 14.093      | 1872          | 1882        | 1889         | rBV      | 86311          | 130603        | 28.97%          | 3.215%        |
| 27        | 14.392      | 1926          | 1933        | 1941         | rVB      | 94157          | 143753        | 31.88%          | 3.539%        |
| 28        | 14.698      | 1978          | 1985        | 1994         | rVB2     | 233321         | 367517        | 81.51%          | 9.048%        |
| 29        | 14.898      | 2011          | 2019        | 2031         | rBV3     | 23487          | 48380         | 10.73%          | 1.191%        |
| 30        | 15.115      | 2052          | 2056        | 2059         | rVB3     | 972            | 1588          | 0.35%           | 0.039%        |
| 31        | 15.691      | 2146          | 2154        | 2161         | rBV      | 123555         | 193285        | 42.87%          | 4.759%        |
| 32        | 15.808      | 2169          | 2174        | 2182         | rBV3     | 19605          | 29861         | 6.62%           | 0.735%        |
| 33        | 16.636      | 2313          | 2315        | 2320         | rVB      | 2336           | 2947          | 0.65%           | 0.073%        |
| 34        | 16.683      | 2320          | 2323        | 2324         | rBV      | 1052           | 1152          | 0.26%           | 0.028%        |
| 35        | 16.760      | 2332          | 2336        | 2343         | rBV2     | 1302           | 2278          | 0.51%           | 0.056%        |
| 36        | 16.848      | 2349          | 2351        | 2356         | rVB2     | 2183           | 2427          | 0.54%           | 0.060%        |

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 Misc :  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGD04

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\_G\METHODS\SFAM-EPA-BG072421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 16.907 | 2356 | 2361 | 2363 | rBV4 | 3493   | 4565   | 1.01%   | 0.112%  |
| 38 | 16.977 | 2369 | 2373 | 2376 | rVB  | 2177   | 3057   | 0.68%   | 0.075%  |
| 39 | 17.106 | 2392 | 2395 | 2397 | rBV  | 1503   | 1242   | 0.28%   | 0.031%  |
| 40 | 17.142 | 2397 | 2401 | 2404 | rVB  | 929    | 1295   | 0.29%   | 0.032%  |
| 41 | 17.195 | 2404 | 2410 | 2411 | rBV  | 1440   | 2255   | 0.50%   | 0.056%  |
| 42 | 17.388 | 2439 | 2443 | 2445 | rVB  | 1624   | 1717   | 0.38%   | 0.042%  |
| 43 | 17.447 | 2447 | 2453 | 2459 | rBV  | 291185 | 435666 | 96.63%  | 10.726% |
| 44 | 17.547 | 2464 | 2470 | 2478 | rVV  | 131661 | 193443 | 42.90%  | 4.763%  |
| 45 | 17.635 | 2482 | 2485 | 2488 | rBV  | 837    | 1202   | 0.27%   | 0.030%  |
| 46 | 17.858 | 2519 | 2523 | 2525 | rBV  | 1453   | 1311   | 0.29%   | 0.032%  |
| 47 | 18.105 | 2560 | 2565 | 2569 | rBV3 | 3292   | 4676   | 1.04%   | 0.115%  |
| 48 | 18.328 | 2599 | 2603 | 2605 | rBV3 | 5767   | 5955   | 1.32%   | 0.147%  |
| 49 | 18.563 | 2641 | 2643 | 2646 | rVB3 | 2125   | 1521   | 0.34%   | 0.037%  |
| 50 | 18.622 | 2651 | 2653 | 2656 | rBV3 | 1506   | 1479   | 0.33%   | 0.036%  |
| 51 | 18.669 | 2659 | 2661 | 2662 | rBV  | 3181   | 1909   | 0.42%   | 0.047%  |
| 52 | 18.816 | 2682 | 2686 | 2688 | rBV  | 1429   | 1751   | 0.39%   | 0.043%  |
| 53 | 18.904 | 2699 | 2701 | 2705 | rVB2 | 1801   | 2135   | 0.47%   | 0.053%  |
| 54 | 19.045 | 2723 | 2725 | 2727 | rBV  | 1186   | 1207   | 0.27%   | 0.030%  |
| 55 | 19.245 | 2758 | 2759 | 2760 | rBV  | 2928   | 1827   | 0.41%   | 0.045%  |
| 56 | 19.345 | 2774 | 2776 | 2779 | rVB2 | 2015   | 1697   | 0.38%   | 0.042%  |
| 57 | 19.497 | 2798 | 2802 | 2807 | rVB2 | 13110  | 15817  | 3.51%   | 0.389%  |
| 58 | 19.832 | 2854 | 2859 | 2869 | rVB2 | 156120 | 248224 | 55.05%  | 6.111%  |
| 59 | 20.026 | 2890 | 2892 | 2893 | rBV  | 2517   | 1815   | 0.40%   | 0.045%  |
| 60 | 20.173 | 2916 | 2917 | 2918 | rBV  | 3662   | 2072   | 0.46%   | 0.051%  |
| 61 | 21.730 | 3176 | 3182 | 3188 | rVB  | 255463 | 429144 | 95.18%  | 10.565% |
| 62 | 25.007 | 3732 | 3740 | 3753 | rVB3 | 154494 | 450871 | 100.00% | 11.100% |

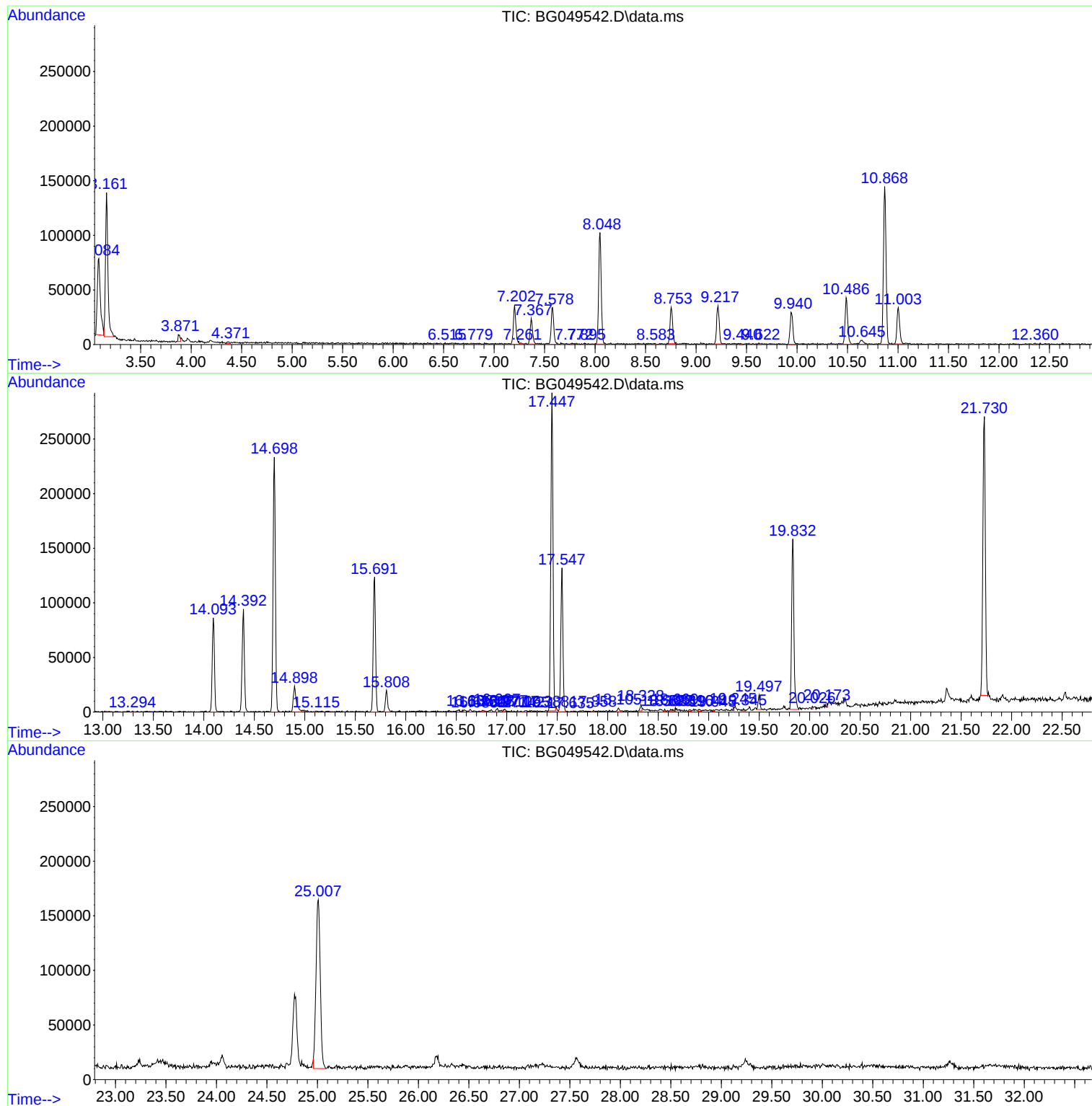
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Sample : M3106-08  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGD04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION

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



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Data File : BG049542.D  
Acq On : 28 Jul 2021 21:11  
Operator : CG/JU  
Sample : M3106-08  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGD04

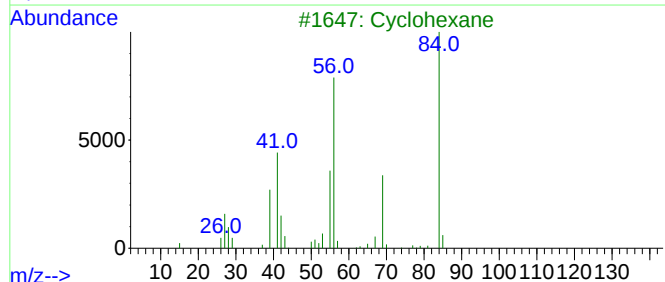
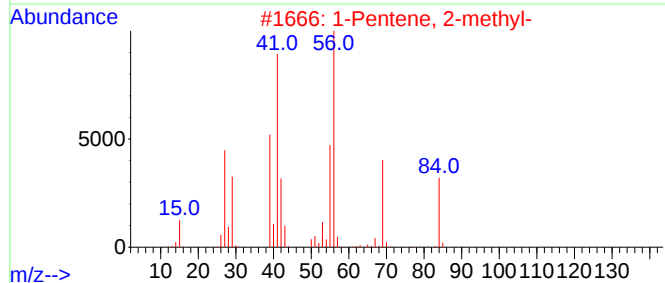
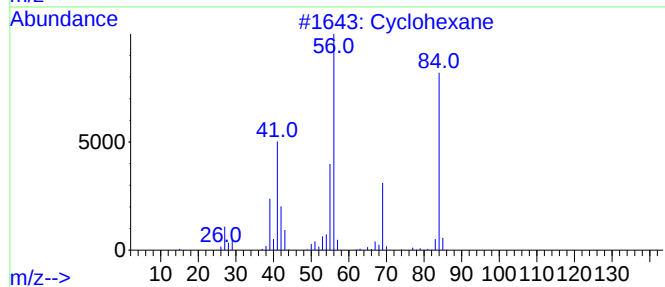
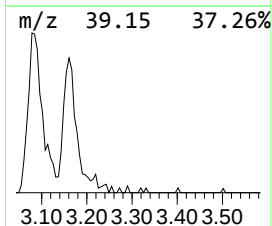
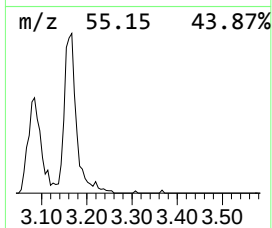
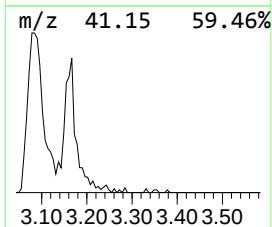
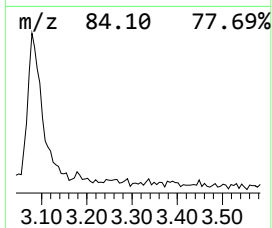
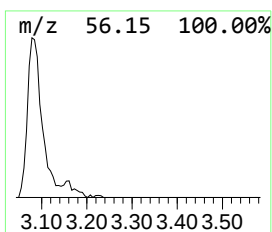
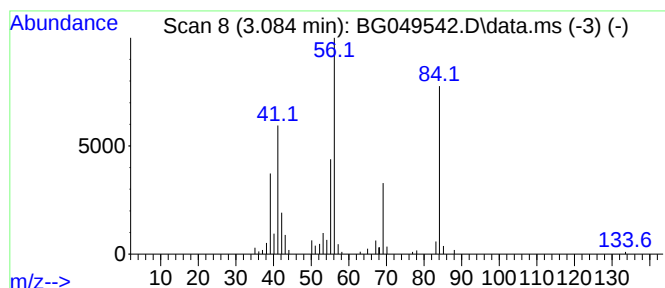
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Cyclic3.084 Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.084 | 16.51 ng/ul | 148738 | 1,4-Dichlorobenzene-d4 | 8.048 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 94   |
| 2    |    |   | 1-Pentene, 2-methyl- | 84 | C6H12   | 000763-29-1 | 91   |
| 3    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 87   |
| 4    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 86   |
| 5    |    |   | 1-Pentene, 2-methyl- | 84 | C6H12   | 000763-29-1 | 86   |



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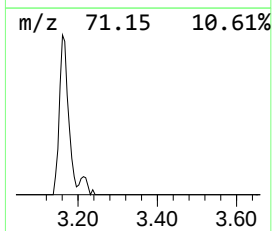
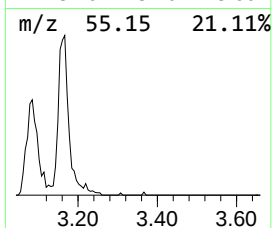
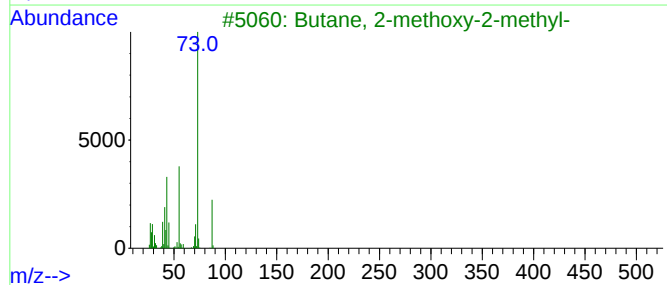
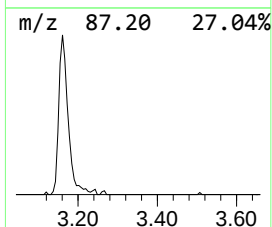
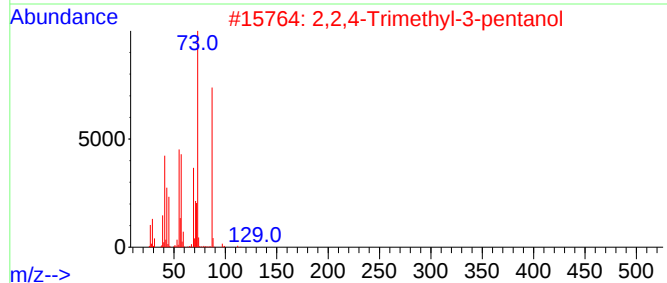
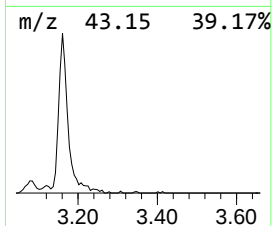
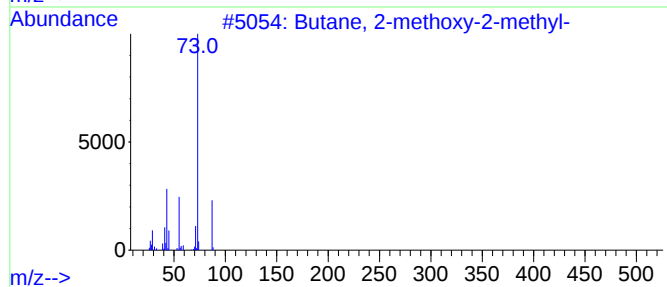
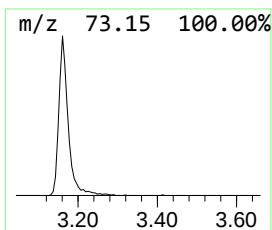
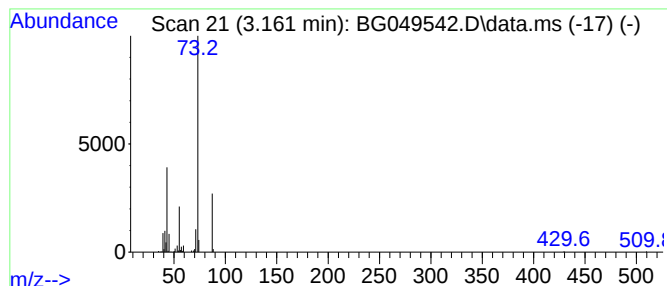
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.161 | 24.20 ng/ul | 217988 | 1,4-Dichlorobenzene-d4 | 8.048 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 56   |
| 3    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 39   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 12   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION

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... | 3.084 | 16.5    | ng/ul | 148738   | 1                     | 8.048 | 180163 | 20.0 |
| Butane, 2-metho... | 3.161 | 24.2    | ng/ul | 217988   | 1                     | 8.048 | 180163 | 20.0 |