

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062518\  
 Data File : BN001917.D  
 Acq On : 25 Jun 2018 18:22  
 Operator : JU/SJ  
 Sample : J3569-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAXQ5

## 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\_N\METHODS\SOM-EPA-BN061918.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         | 3.023       | 3             | 6           | 25           | rVB      | 4046870        | 5470091       | 71.01%          | 6.462%        |
| 2         | 3.270       | 44            | 48          | 57           | rVB      | 60579          | 86523         | 1.12%           | 0.102%        |
| 3         | 3.676       | 113           | 117         | 121          | rVB7     | 9643           | 13839         | 0.18%           | 0.016%        |
| 4         | 3.770       | 130           | 133         | 139          | rVB      | 40087          | 50089         | 0.65%           | 0.059%        |
| 5         | 3.893       | 149           | 154         | 161          | rVB      | 33721          | 57030         | 0.74%           | 0.067%        |
| 6         | 4.875       | 316           | 321         | 327          | rVB2     | 46785          | 78463         | 1.02%           | 0.093%        |
| 7         | 5.552       | 433           | 436         | 440          | rBV4     | 5633           | 8029          | 0.10%           | 0.009%        |
| 8         | 5.834       | 481           | 484         | 486          | rBV4     | 9510           | 8664          | 0.11%           | 0.010%        |
| 9         | 6.387       | 574           | 578         | 584          | rVB6     | 6750           | 13706         | 0.18%           | 0.016%        |
| 10        | 6.887       | 655           | 663         | 677          | rBV      | 960138         | 1623596       | 21.08%          | 1.918%        |
| 11        | 7.052       | 684           | 691         | 702          | rBV      | 831362         | 1271004       | 16.50%          | 1.501%        |
| 12        | 7.246       | 717           | 724         | 733          | rBV      | 997988         | 1586815       | 20.60%          | 1.874%        |
| 13        | 7.346       | 738           | 741         | 747          | rVB5     | 10300          | 17053         | 0.22%           | 0.020%        |
| 14        | 7.711       | 796           | 803         | 811          | rBV      | 1965448        | 3095256       | 40.18%          | 3.656%        |
| 15        | 7.781       | 811           | 815         | 819          | rVB4     | 5160           | 9596          | 0.12%           | 0.011%        |
| 16        | 8.034       | 853           | 858         | 863          | rVB3     | 8766           | 13078         | 0.17%           | 0.015%        |
| 17        | 8.411       | 915           | 922         | 934          | rVB      | 1205146        | 1926883       | 25.01%          | 2.276%        |
| 18        | 8.528       | 938           | 942         | 946          | rBV4     | 12095          | 16179         | 0.21%           | 0.019%        |
| 19        | 8.858       | 990           | 998         | 1008         | rBV      | 937034         | 1553257       | 20.16%          | 1.835%        |
| 20        | 9.028       | 1023          | 1027        | 1033         | rBV4     | 9473           | 16933         | 0.22%           | 0.020%        |
| 21        | 9.299       | 1068          | 1073        | 1079         | rVB6     | 7620           | 11975         | 0.16%           | 0.014%        |
| 22        | 9.569       | 1109          | 1119        | 1127         | rBV      | 697552         | 1202201       | 15.61%          | 1.420%        |
| 23        | 10.105      | 1203          | 1210        | 1223         | rBV      | 1205983        | 2055209       | 26.68%          | 2.428%        |
| 24        | 10.487      | 1266          | 1275        | 1287         | rVB      | 2824446        | 4800578       | 62.32%          | 5.671%        |
| 25        | 10.622      | 1287          | 1298        | 1308         | rBV      | 1139274        | 1995114       | 25.90%          | 2.357%        |
| 26        | 11.005      | 1359          | 1363        | 1369         | rBV6     | 11380          | 20499         | 0.27%           | 0.024%        |
| 27        | 11.281      | 1404          | 1410        | 1413         | rBV7     | 4466           | 9103          | 0.12%           | 0.011%        |
| 28        | 11.987      | 1526          | 1530        | 1532         | rBV3     | 6455           | 7869          | 0.10%           | 0.009%        |
| 29        | 12.075      | 1538          | 1545        | 1550         | rBV2     | 26181          | 40668         | 0.53%           | 0.048%        |
| 30        | 12.693      | 1646          | 1650        | 1657         | rVB3     | 10335          | 18782         | 0.24%           | 0.022%        |
| 31        | 12.951      | 1689          | 1694        | 1699         | rVB3     | 17783          | 25130         | 0.33%           | 0.030%        |
| 32        | 13.310      | 1750          | 1755        | 1759         | rVB3     | 7684           | 9725          | 0.13%           | 0.011%        |
| 33        | 13.751      | 1824          | 1830        | 1835         | rBV      | 2314214        | 3217652       | 41.77%          | 3.801%        |
| 34        | 13.798      | 1835          | 1838        | 1845         | rVB      | 583996         | 785382        | 10.20%          | 0.928%        |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 14.034 | 1869 | 1878 | 1886 | rBV  | 2592597 | 3924369 | 50.95%  | 4.636% |
| 36 | 14.257 | 1911 | 1916 | 1921 | rVB2 | 21381   | 33003   | 0.43%   | 0.039% |
| 37 | 14.340 | 1923 | 1930 | 1939 | rVV2 | 4340145 | 6667169 | 86.55%  | 7.876% |
| 38 | 14.540 | 1958 | 1964 | 1980 | rBV  | 398811  | 633940  | 8.23%   | 0.749% |
| 39 | 14.704 | 1987 | 1992 | 1996 | rBV7 | 6629    | 11945   | 0.16%   | 0.014% |
| 40 | 14.769 | 1998 | 2003 | 2008 | rVV6 | 16031   | 23456   | 0.30%   | 0.028% |
| 41 | 15.163 | 2065 | 2070 | 2075 | rBV4 | 21227   | 36387   | 0.47%   | 0.043% |
| 42 | 15.210 | 2075 | 2078 | 2084 | rVB2 | 21305   | 28872   | 0.37%   | 0.034% |
| 43 | 15.281 | 2085 | 2090 | 2093 | rBV4 | 8715    | 13583   | 0.18%   | 0.016% |
| 44 | 15.334 | 2093 | 2099 | 2107 | rVV  | 3351160 | 4954461 | 64.32%  | 5.853% |
| 45 | 15.451 | 2113 | 2119 | 2128 | rBV  | 417092  | 605281  | 7.86%   | 0.715% |
| 46 | 15.575 | 2136 | 2140 | 2144 | rBV  | 39877   | 60348   | 0.78%   | 0.071% |
| 47 | 15.710 | 2158 | 2163 | 2167 | rBV4 | 9360    | 15402   | 0.20%   | 0.018% |
| 48 | 15.775 | 2170 | 2174 | 2176 | rBV4 | 6744    | 7842    | 0.10%   | 0.009% |
| 49 | 15.963 | 2203 | 2206 | 2210 | rBV6 | 6022    | 10187   | 0.13%   | 0.012% |
| 50 | 16.075 | 2220 | 2225 | 2230 | rBV2 | 39946   | 59610   | 0.77%   | 0.070% |
| 51 | 16.240 | 2249 | 2253 | 2258 | rVV6 | 10208   | 16976   | 0.22%   | 0.020% |
| 52 | 16.292 | 2258 | 2262 | 2265 | rVB3 | 12668   | 16784   | 0.22%   | 0.020% |
| 53 | 16.869 | 2353 | 2360 | 2366 | rBV3 | 45405   | 68605   | 0.89%   | 0.081% |
| 54 | 17.087 | 2390 | 2397 | 2406 | rVB2 | 5421281 | 7703093 | 100.00% | 9.100% |
| 55 | 17.187 | 2406 | 2414 | 2423 | rBV  | 3472953 | 5030233 | 65.30%  | 5.942% |
| 56 | 17.287 | 2427 | 2431 | 2434 | rVB5 | 10629   | 14381   | 0.19%   | 0.017% |
| 57 | 17.387 | 2445 | 2448 | 2451 | rBV3 | 8232    | 9708    | 0.13%   | 0.011% |
| 58 | 17.428 | 2451 | 2455 | 2458 | rVV5 | 16719   | 22967   | 0.30%   | 0.027% |
| 59 | 17.469 | 2460 | 2462 | 2467 | rVB6 | 8129    | 10478   | 0.14%   | 0.012% |
| 60 | 17.610 | 2482 | 2486 | 2488 | rBV2 | 17002   | 19609   | 0.25%   | 0.023% |
| 61 | 17.769 | 2509 | 2513 | 2518 | rVB6 | 13073   | 20121   | 0.26%   | 0.024% |
| 62 | 17.881 | 2525 | 2532 | 2533 | rBV6 | 12899   | 23895   | 0.31%   | 0.028% |
| 63 | 17.992 | 2547 | 2551 | 2557 | rBV  | 139623  | 204443  | 2.65%   | 0.242% |
| 64 | 18.057 | 2557 | 2562 | 2571 | rVB2 | 179432  | 275131  | 3.57%   | 0.325% |
| 65 | 18.304 | 2600 | 2604 | 2608 | rBV5 | 14867   | 23068   | 0.30%   | 0.027% |
| 66 | 18.434 | 2624 | 2626 | 2631 | rBV6 | 9846    | 10739   | 0.14%   | 0.013% |
| 67 | 18.675 | 2664 | 2667 | 2670 | rBV4 | 8258    | 9936    | 0.13%   | 0.012% |
| 68 | 19.116 | 2737 | 2742 | 2748 | rBV3 | 39516   | 77317   | 1.00%   | 0.091% |
| 69 | 19.286 | 2767 | 2771 | 2776 | rBV4 | 70513   | 103406  | 1.34%   | 0.122% |
| 70 | 19.369 | 2782 | 2785 | 2789 | rVB  | 29506   | 43319   | 0.56%   | 0.051% |
| 71 | 19.439 | 2794 | 2797 | 2798 | rBV3 | 18707   | 16643   | 0.22%   | 0.020% |

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Instrument :  
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ClientSampleId :  
DAXQ5

## Integration Parameters: LSCINT.P

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Smoothing : OFF  
Sampling : 1  
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Stop Thrs : 0

Filtering: 5  
Min Area: 0.1 % of largest Peak  
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Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 19.486 | 2799 | 2805 | 2811 | rVV  | 3861178 | 5359741 | 69.58% | 6.331% |
| 73 | 19.557 | 2814 | 2817 | 2820 | rVB3 | 47130   | 54445   | 0.71%  | 0.064% |
| 74 | 21.022 | 3063 | 3066 | 3071 | rBV4 | 73350   | 107195  | 1.39%  | 0.127% |
| 75 | 21.286 | 3105 | 3111 | 3116 | rBV  | 5262818 | 6755105 | 87.69% | 7.980% |
| 76 | 22.874 | 3378 | 3381 | 3386 | rVB  | 175123  | 243245  | 3.16%  | 0.287% |
| 77 | 23.374 | 3460 | 3466 | 3473 | rBV  | 2194704 | 3964244 | 51.46% | 4.683% |
| 78 | 23.522 | 3484 | 3491 | 3504 | rVB2 | 3044267 | 5980331 | 77.64% | 7.065% |
| 79 | 24.092 | 3585 | 3588 | 3594 | rVB2 | 155390  | 265943  | 3.45%  | 0.314% |

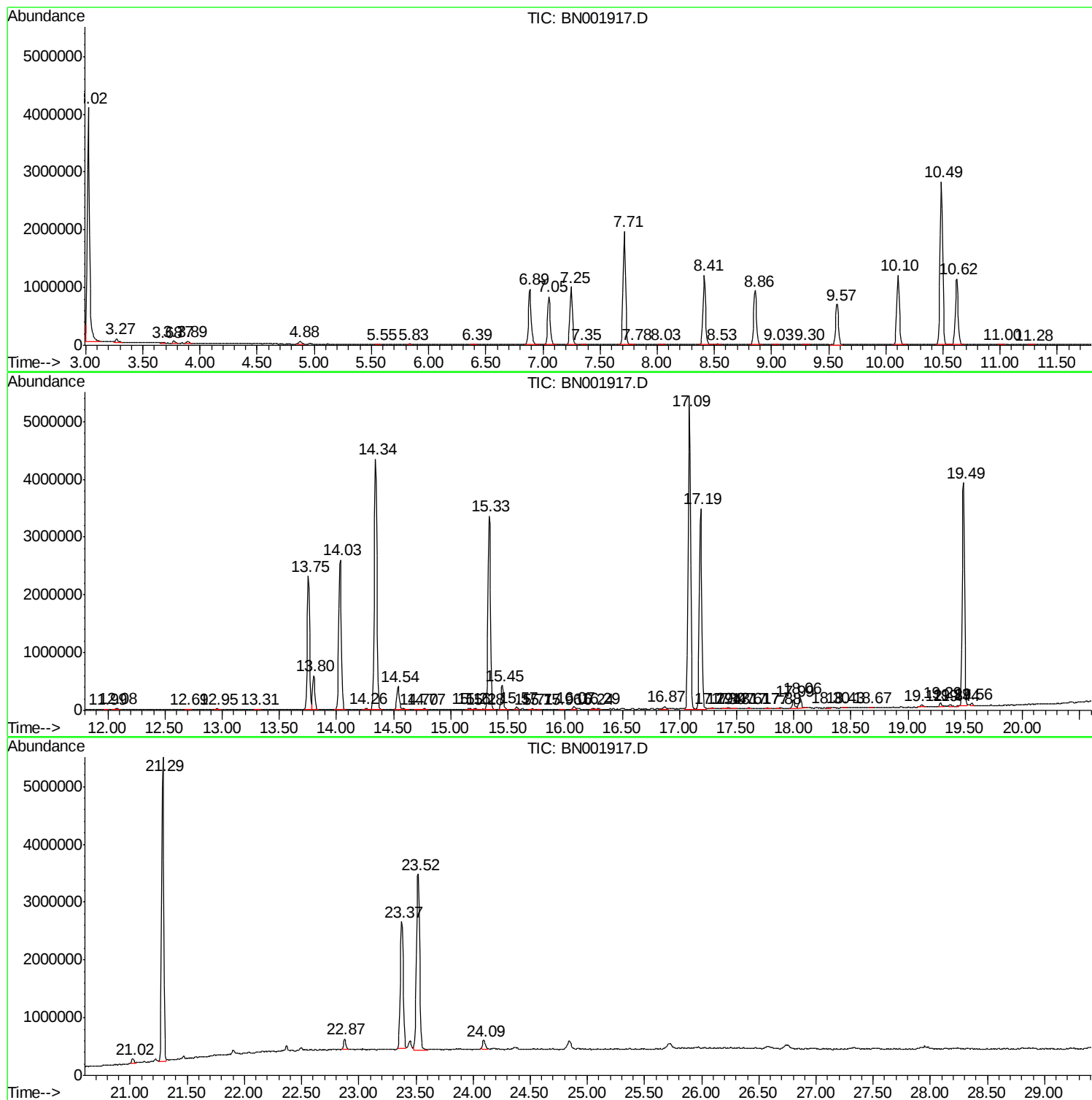
Sum of corrected areas: 84652927

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
Quant Title : SVOA CALIBRATION

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



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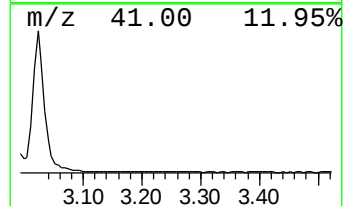
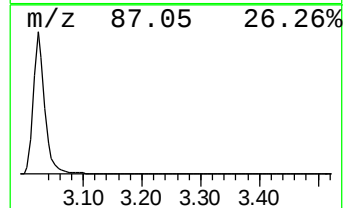
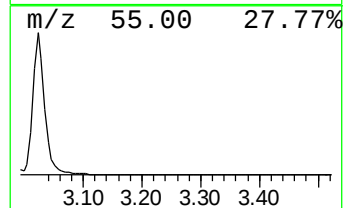
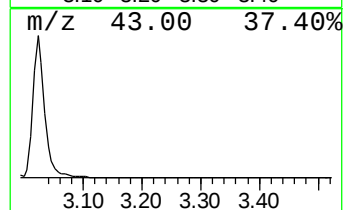
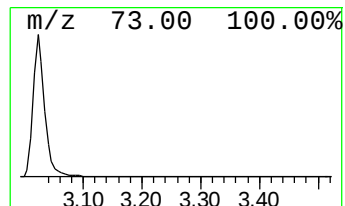
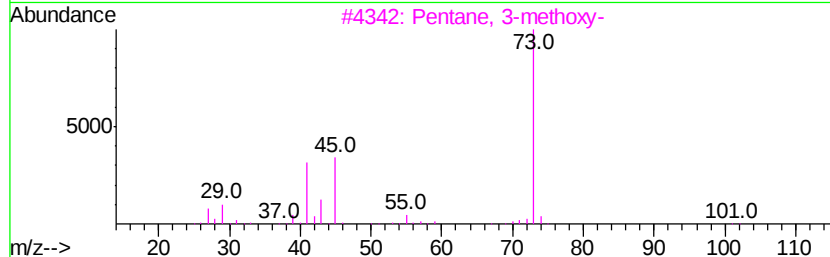
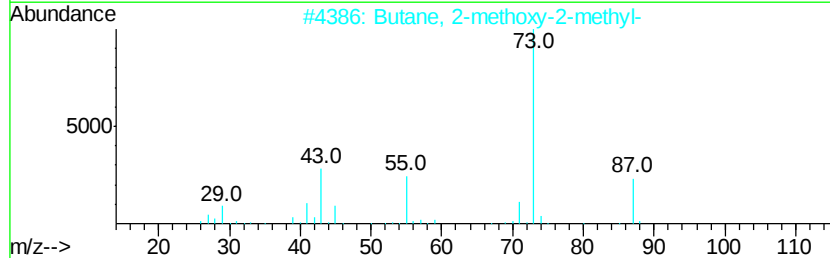
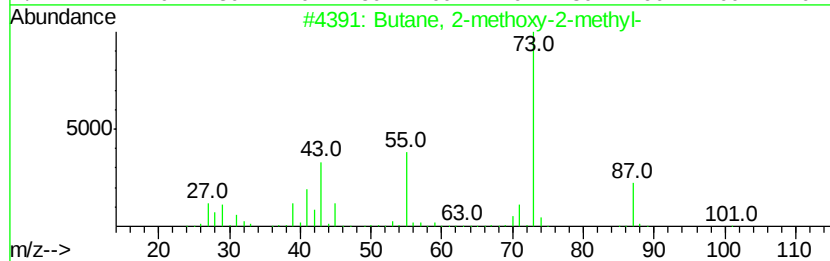
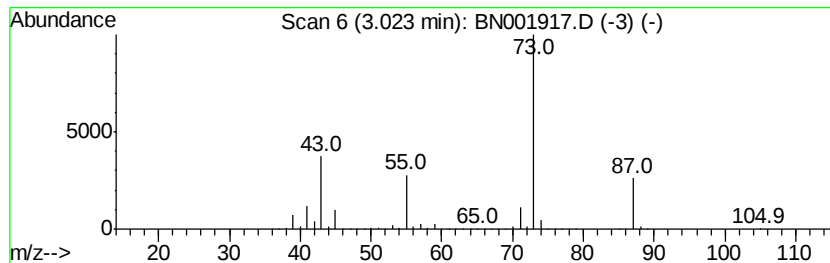
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
Quant Title : SVOA CALIBRATION

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. |
|------|-------------|---------|------------------------|------|
| 3.02 | 35.35 ng/ul | 5470090 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.02 | 35.4    | ng/ul | 5470090  | 1                     | 7.71 | 3095260 | 20.0 |