

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
 Data File : BP001832.D  
 Acq On : 21 Feb 2020 20:11  
 Operator : CG/JU  
 Sample : L1506-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBCY4

## 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\_P\METHODS\SOM-EPA-BP021820MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.923    | 3          | 6        | 26        | rVB   | 2023142     | 3065205    | 35.34%       | 5.238%     |
| 2      | 3.175    | 46         | 49       | 58        | rVB2  | 13561       | 22118      | 0.26%        | 0.038%     |
| 3      | 3.817    | 153        | 158      | 167       | rVB   | 18059       | 33704      | 0.39%        | 0.058%     |
| 4      | 3.905    | 169        | 173      | 177       | rVB   | 11931       | 17004      | 0.20%        | 0.029%     |
| 5      | 4.122    | 206        | 210      | 215       | rBV   | 27712       | 39387      | 0.45%        | 0.067%     |
| 6      | 4.387    | 251        | 255      | 261       | rVV2  | 20576       | 36464      | 0.42%        | 0.062%     |
| 7      | 4.528    | 275        | 279      | 285       | rBV   | 21499       | 33530      | 0.39%        | 0.057%     |
| 8      | 4.799    | 320        | 325      | 339       | rVB   | 69950       | 116649     | 1.34%        | 0.199%     |
| 9      | 6.828    | 659        | 670      | 681       | rBV   | 248129      | 450649     | 5.20%        | 0.770%     |
| 10     | 6.993    | 692        | 698      | 707       | rBV   | 213797      | 333937     | 3.85%        | 0.571%     |
| 11     | 7.187    | 724        | 731      | 748       | rBV   | 270348      | 451956     | 5.21%        | 0.772%     |
| 12     | 7.652    | 801        | 810      | 821       | rBV   | 1442342     | 2294707    | 26.46%       | 3.921%     |
| 13     | 8.358    | 923        | 930      | 942       | rBV   | 319344      | 508586     | 5.86%        | 0.869%     |
| 14     | 8.463    | 943        | 948      | 954       | rVB   | 34944       | 59765      | 0.69%        | 0.102%     |
| 15     | 8.793    | 998        | 1004     | 1014      | rBV   | 236635      | 397591     | 4.58%        | 0.679%     |
| 16     | 9.287    | 1082       | 1088     | 1097      | rVB4  | 13483       | 25096      | 0.29%        | 0.043%     |
| 17     | 9.516    | 1117       | 1127     | 1135      | rBV   | 188174      | 310903     | 3.58%        | 0.531%     |
| 18     | 10.052   | 1211       | 1218     | 1233      | rBV   | 341729      | 562584     | 6.49%        | 0.961%     |
| 19     | 10.428   | 1274       | 1282     | 1293      | rBV   | 2089467     | 3413635    | 39.36%       | 5.833%     |
| 20     | 10.557   | 1297       | 1304     | 1321      | rVV   | 308318      | 547787     | 6.32%        | 0.936%     |
| 21     | 12.022   | 1547       | 1553     | 1561      | rBV5  | 8502        | 16282      | 0.19%        | 0.028%     |
| 22     | 13.187   | 1746       | 1751     | 1760      | rBV9  | 16893       | 34039      | 0.39%        | 0.058%     |
| 23     | 13.704   | 1833       | 1839     | 1843      | rBV   | 678860      | 939030     | 10.83%       | 1.605%     |
| 24     | 13.751   | 1843       | 1847     | 1853      | rVB   | 98940       | 143830     | 1.66%        | 0.246%     |
| 25     | 13.975   | 1878       | 1885     | 1897      | rBV   | 766782      | 1140801    | 13.15%       | 1.949%     |
| 26     | 14.287   | 1931       | 1938     | 1946      | rBV   | 3292712     | 5040673    | 58.12%       | 8.614%     |
| 27     | 14.487   | 1965       | 1972     | 1981      | rBV   | 126006      | 211056     | 2.43%        | 0.361%     |
| 28     | 14.710   | 2004       | 2010     | 2017      | rBV   | 44678       | 65357      | 0.75%        | 0.112%     |
| 29     | 15.128   | 2077       | 2081     | 2084      | rBV3  | 7457        | 8758       | 0.10%        | 0.015%     |
| 30     | 15.287   | 2101       | 2108     | 2115      | rBV   | 1081317     | 1501390    | 17.31%       | 2.566%     |
| 31     | 15.404   | 2122       | 2128     | 2138      | rBV   | 126406      | 202712     | 2.34%        | 0.346%     |
| 32     | 15.528   | 2145       | 2149     | 2154      | rVB2  | 12108       | 15488      | 0.18%        | 0.026%     |
| 33     | 15.781   | 2187       | 2192     | 2198      | rVB10 | 5809        | 10565      | 0.12%        | 0.018%     |
| 34     | 16.710   | 2347       | 2350     | 2357      | rVB9  | 5952        | 12132      | 0.14%        | 0.021%     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
 Data File : BP001832.D  
 Acq On : 21 Feb 2020 20:11  
 Operator : CG/JU  
 Sample : L1506-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBCY4

## 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\_P\METHODS\SOM-EPA-BP021820MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 16.822 | 2364 | 2369 | 2381 | rVB  | 22532   | 47641   | 0.55%   | 0.081%  |
| 36 | 17.039 | 2400 | 2406 | 2412 | rBV  | 4344921 | 6261183 | 72.19%  | 10.699% |
| 37 | 17.139 | 2417 | 2423 | 2434 | rBV  | 1129080 | 1619029 | 18.67%  | 2.767%  |
| 38 | 17.239 | 2437 | 2440 | 2448 | rVB7 | 25535   | 40795   | 0.47%   | 0.070%  |
| 39 | 17.363 | 2457 | 2461 | 2467 | rBV5 | 8406    | 15749   | 0.18%   | 0.027%  |
| 40 | 17.451 | 2472 | 2476 | 2482 | rVB3 | 11519   | 16805   | 0.19%   | 0.029%  |
| 41 | 17.963 | 2559 | 2563 | 2566 | rBV  | 74991   | 105932  | 1.22%   | 0.181%  |
| 42 | 18.004 | 2566 | 2570 | 2579 | rVB2 | 107651  | 201235  | 2.32%   | 0.344%  |
| 43 | 18.222 | 2603 | 2607 | 2611 | rBV4 | 45306   | 64159   | 0.74%   | 0.110%  |
| 44 | 18.386 | 2631 | 2635 | 2641 | rBV8 | 13079   | 25745   | 0.30%   | 0.044%  |
| 45 | 18.463 | 2645 | 2648 | 2652 | rBV3 | 13247   | 21570   | 0.25%   | 0.037%  |
| 46 | 18.798 | 2703 | 2705 | 2712 | rVB6 | 32429   | 45616   | 0.53%   | 0.078%  |
| 47 | 18.939 | 2725 | 2729 | 2731 | rBV  | 25086   | 38150   | 0.44%   | 0.065%  |
| 48 | 18.975 | 2732 | 2735 | 2738 | rVB  | 21356   | 29264   | 0.34%   | 0.050%  |
| 49 | 19.057 | 2745 | 2749 | 2756 | rVB  | 221869  | 296490  | 3.42%   | 0.507%  |
| 50 | 19.275 | 2783 | 2786 | 2793 | rVB3 | 21761   | 30990   | 0.36%   | 0.053%  |
| 51 | 19.381 | 2799 | 2804 | 2817 | rVB2 | 1655773 | 2613578 | 30.13%  | 4.466%  |
| 52 | 19.863 | 2883 | 2886 | 2887 | rBV2 | 29750   | 31790   | 0.37%   | 0.054%  |
| 53 | 19.992 | 2906 | 2908 | 2912 | rVB  | 22130   | 21387   | 0.25%   | 0.037%  |
| 54 | 20.186 | 2938 | 2941 | 2945 | rBV3 | 34764   | 43992   | 0.51%   | 0.075%  |
| 55 | 20.875 | 3052 | 3058 | 3062 | rBV3 | 203772  | 331333  | 3.82%   | 0.566%  |
| 56 | 21.133 | 3095 | 3102 | 3106 | rBV  | 6084063 | 8279407 | 95.46%  | 14.148% |
| 57 | 21.169 | 3106 | 3108 | 3115 | rVB  | 232404  | 258657  | 2.98%   | 0.442%  |
| 58 | 21.245 | 3117 | 3121 | 3126 | rVV  | 275235  | 385021  | 4.44%   | 0.658%  |
| 59 | 21.310 | 3130 | 3132 | 3136 | rVB2 | 83681   | 87910   | 1.01%   | 0.150%  |
| 60 | 21.745 | 3203 | 3206 | 3211 | rVB  | 178023  | 208342  | 2.40%   | 0.356%  |
| 61 | 22.210 | 3278 | 3285 | 3291 | rVB2 | 317832  | 539582  | 6.22%   | 0.922%  |
| 62 | 22.680 | 3360 | 3365 | 3367 | rBV  | 227154  | 390714  | 4.50%   | 0.668%  |
| 63 | 22.716 | 3367 | 3371 | 3382 | rVB  | 613092  | 1050069 | 12.11%  | 1.794%  |
| 64 | 23.198 | 3448 | 3453 | 3459 | rBV  | 1162030 | 2069119 | 23.86%  | 3.536%  |
| 65 | 23.286 | 3463 | 3468 | 3472 | rVV  | 548418  | 926788  | 10.69%  | 1.584%  |
| 66 | 23.345 | 3472 | 3478 | 3494 | rVB2 | 4542930 | 8673133 | 100.00% | 14.821% |
| 67 | 23.939 | 3574 | 3579 | 3586 | rVB  | 512711  | 945951  | 10.91%  | 1.616%  |
| 68 | 24.692 | 3702 | 3707 | 3718 | rVB2 | 330180  | 738789  | 8.52%   | 1.262%  |

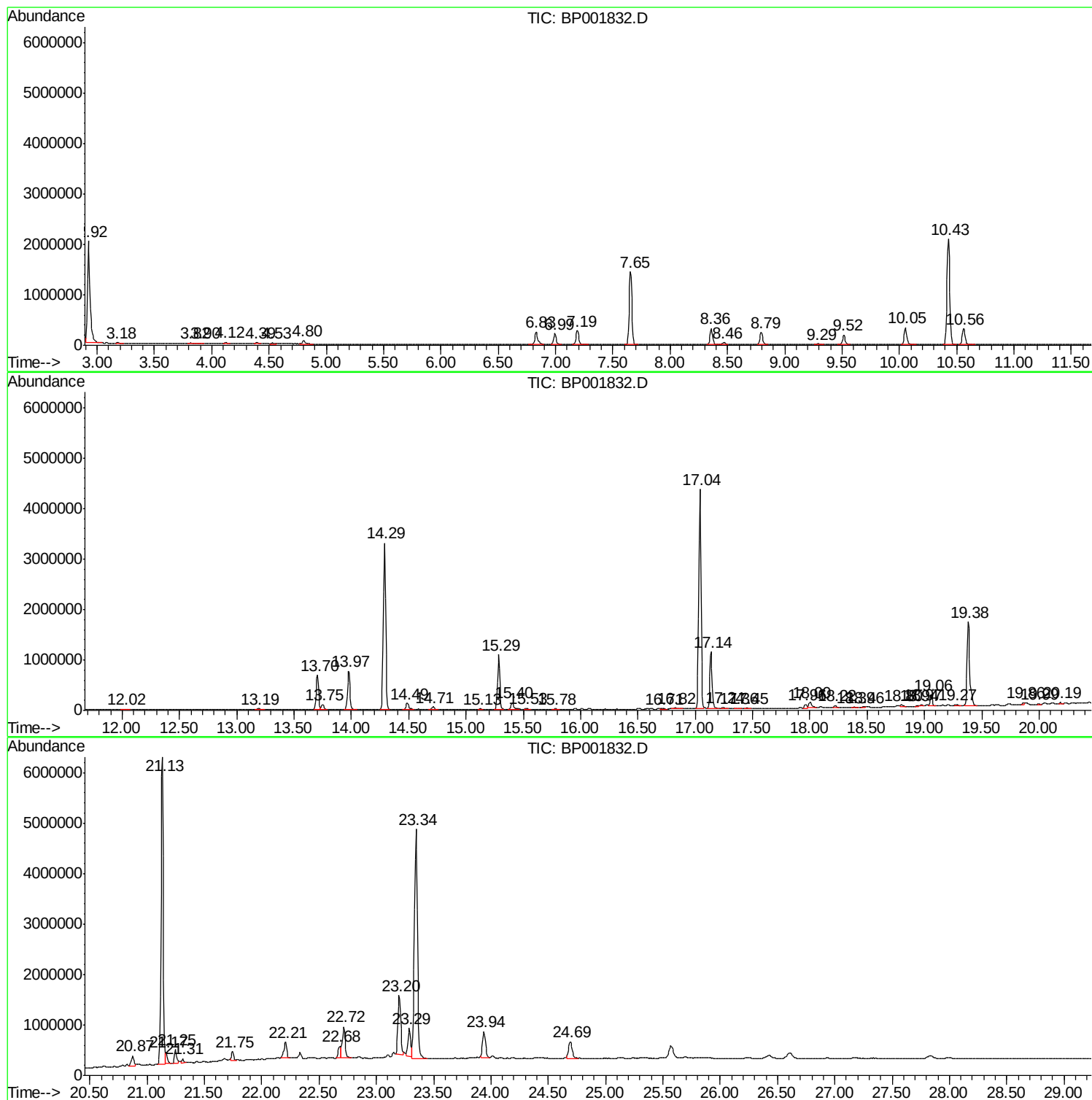
Sum of corrected areas: 58519285

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001832.D  
Acq On : 21 Feb 2020 20:11  
Operator : CG/JU  
Sample : L1506-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001832.D  
Acq On : 21 Feb 2020 20:11  
Operator : CG/JU  
Sample : L1506-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

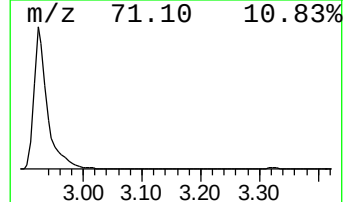
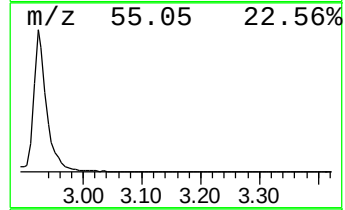
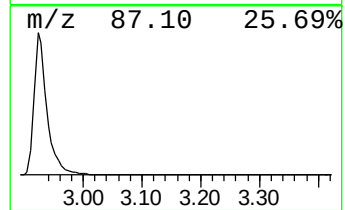
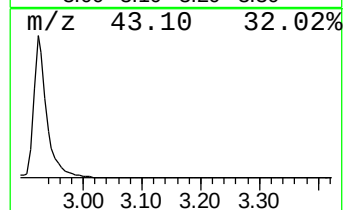
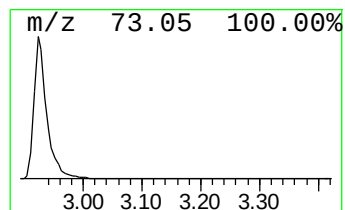
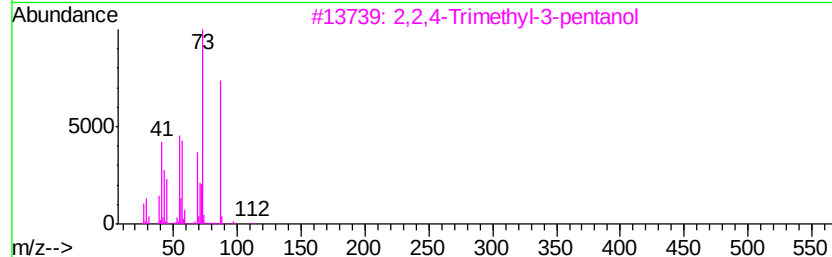
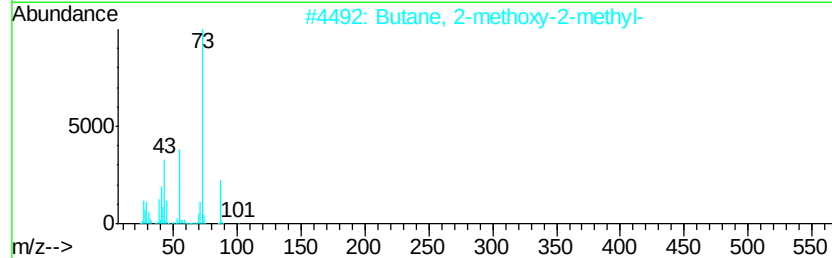
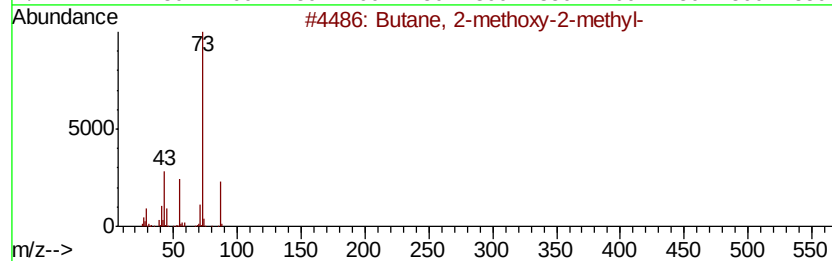
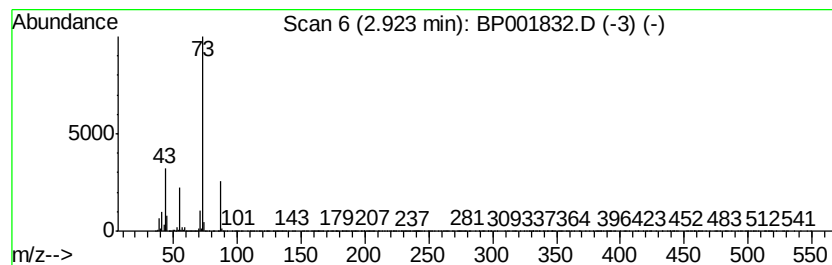
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 2.92 | 26.72 ng/ul | 3065210 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | 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    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001832.D  
Acq On : 21 Feb 2020 20:11  
Operator : CG/JU  
Sample : L1506-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

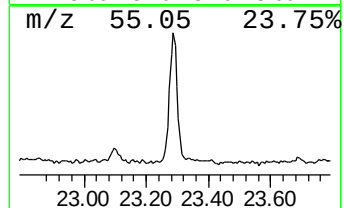
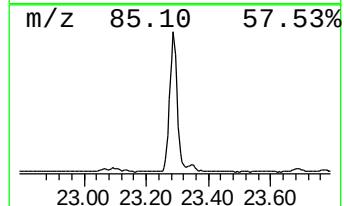
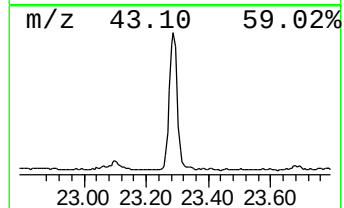
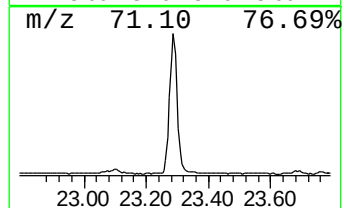
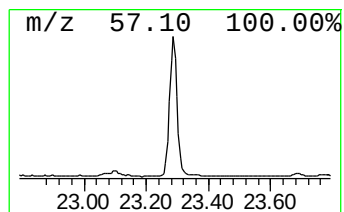
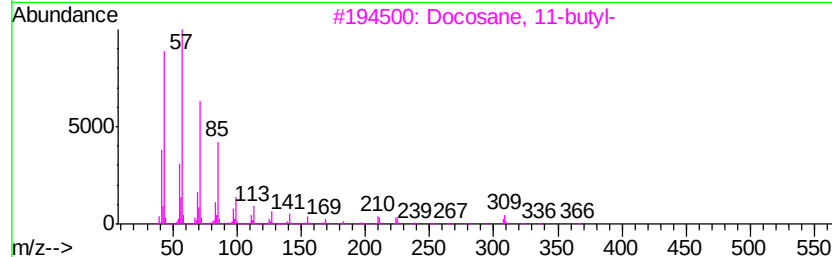
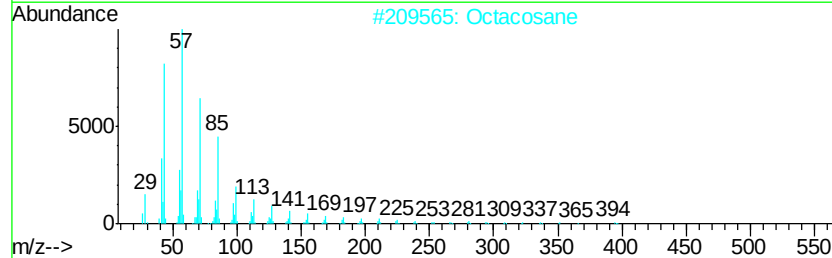
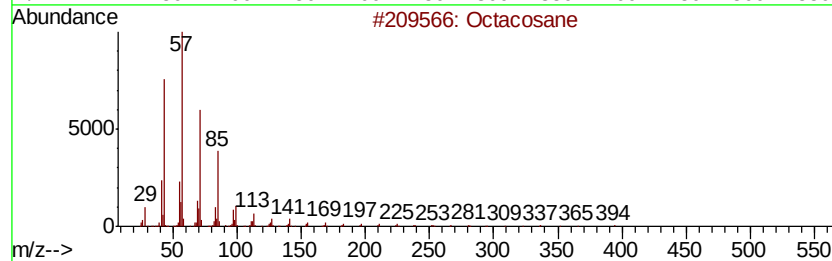
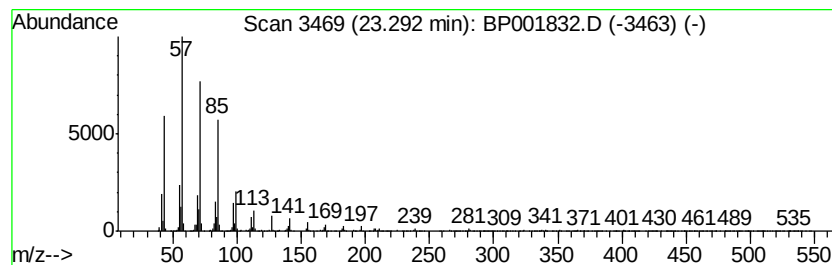
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.29 | 2.14 ng/ul | 926788 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane          | 394 | C28H58  | 000630-02-4 | 99   |
| 2    |    | Octacosane          | 394 | C28H58  | 000630-02-4 | 94   |
| 3    |    | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 94   |
| 4    |    | Docosane, 5-butyl-  | 366 | C26H54  | 055282-16-1 | 93   |
| 5    |    | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 92   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\  
Data File : BP001832.D  
Acq On : 21 Feb 2020 20:11  
Operator : CG/JU  
Sample : L1506-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

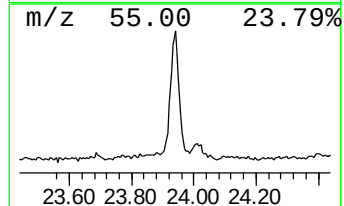
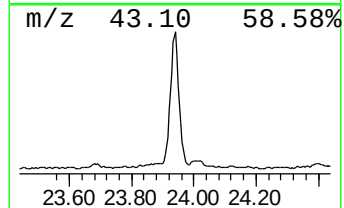
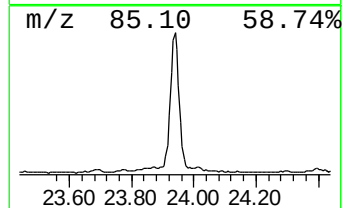
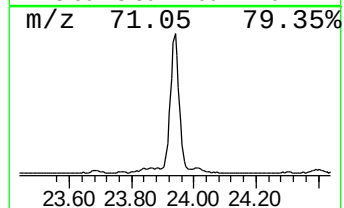
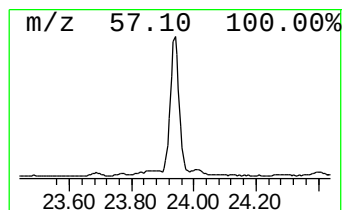
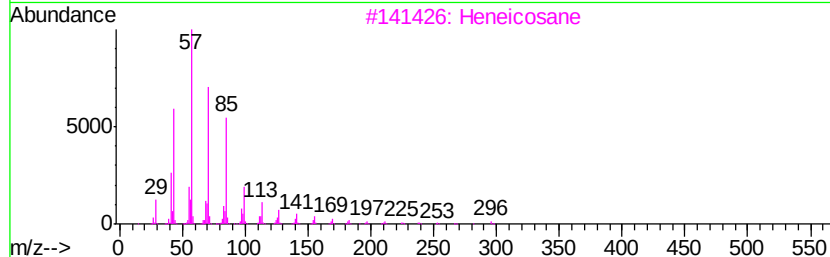
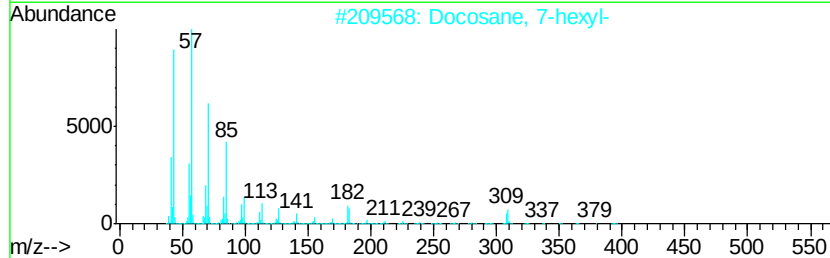
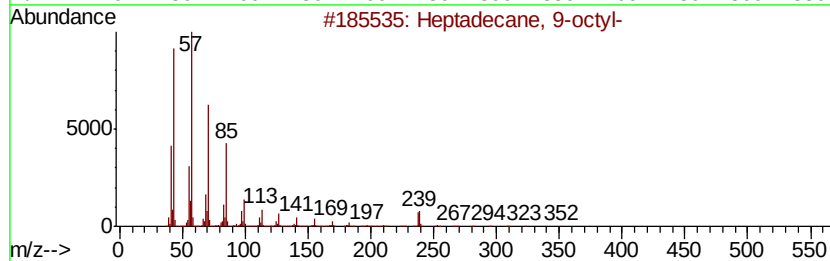
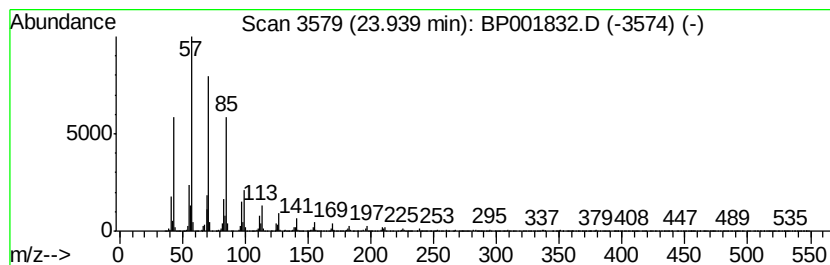
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.94 | 2.18 ng/ul | 945951 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 93   |
| 2    |    | Docosane, 7-hexyl-    | 394 | C28H58  | 055373-86-9  | 93   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    | Tetracosane           | 338 | C24H50  | 000646-31-1  | 91   |
| 5    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP022120\  
Data File : BP001832.D  
Acq On : 21 Feb 2020 20:11  
Operator : CG/JU  
Sample : L1506-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBCY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.92  | 26.7    | ng/ul | 3065210  | 1                     | 7.65  | 2294710 | 20.0 |
| (DEL) Alkane: Str... | 23.29 | 2.1     | ng/ul | 926788   | 6                     | 23.34 | 8673130 | 20.0 |
| (DEL) Alkane: Str... | 23.94 | 2.2     | ng/ul | 945951   | 6                     | 23.34 | 8673130 | 20.0 |