

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\  
 Data File : BP002078.D  
 Acq On : 05 Mar 2020 19:56  
 Operator : CG/JU  
 Sample : L1780-14  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0DH8

## 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-BP022720MA.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         | 2.917       | 3             | 5           | 19           | rVB      | 1008831        | 1339706       | 15.56%          | 1.743%        |
| 2         | 3.164       | 43            | 47          | 54           | rBB      | 54533          | 76993         | 0.89%           | 0.100%        |
| 3         | 3.669       | 129           | 133         | 138          | rBV6     | 11250          | 19949         | 0.23%           | 0.026%        |
| 4         | 3.893       | 168           | 171         | 175          | rVB      | 10472          | 14360         | 0.17%           | 0.019%        |
| 5         | 4.787       | 321           | 323         | 331          | rVB4     | 5345           | 9439          | 0.11%           | 0.012%        |
| 6         | 4.993       | 354           | 358         | 363          | rVB4     | 6927           | 13469         | 0.16%           | 0.018%        |
| 7         | 5.705       | 473           | 479         | 484          | rBV8     | 6321           | 11730         | 0.14%           | 0.015%        |
| 8         | 6.816       | 659           | 668         | 684          | rVB      | 274646         | 459024        | 5.33%           | 0.597%        |
| 9         | 6.975       | 689           | 695         | 707          | rBV      | 854563         | 1344534       | 15.61%          | 1.749%        |
| 10        | 7.175       | 721           | 729         | 747          | rBV      | 989088         | 1559932       | 18.12%          | 2.029%        |
| 11        | 7.640       | 799           | 808         | 818          | rBV      | 985266         | 1594525       | 18.52%          | 2.074%        |
| 12        | 7.716       | 818           | 821         | 830          | rVB      | 18148          | 28422         | 0.33%           | 0.037%        |
| 13        | 8.340       | 921           | 927         | 939          | rBV      | 762835         | 1261647       | 14.65%          | 1.641%        |
| 14        | 8.781       | 994           | 1002        | 1014         | rVB      | 978876         | 1594690       | 18.52%          | 2.074%        |
| 15        | 9.269       | 1076          | 1085        | 1092         | rBV      | 45251          | 74473         | 0.86%           | 0.097%        |
| 16        | 9.499       | 1113          | 1124        | 1139         | rBV      | 807357         | 1393813       | 16.19%          | 1.813%        |
| 17        | 10.034      | 1208          | 1215        | 1239         | rBV      | 1335862        | 2333680       | 27.10%          | 3.036%        |
| 18        | 10.410      | 1270          | 1279        | 1295         | rBV      | 1349840        | 2323385       | 26.98%          | 3.022%        |
| 19        | 10.546      | 1295          | 1302        | 1316         | rVV      | 68272          | 143107        | 1.66%           | 0.186%        |
| 20        | 10.740      | 1331          | 1335        | 1341         | rVB5     | 6389           | 12687         | 0.15%           | 0.017%        |
| 21        | 11.122      | 1393          | 1400        | 1410         | rVB      | 118637         | 203345        | 2.36%           | 0.265%        |
| 22        | 11.757      | 1502          | 1508        | 1516         | rBV3     | 22019          | 38789         | 0.45%           | 0.050%        |
| 23        | 12.004      | 1545          | 1550        | 1558         | rBV      | 22164          | 41098         | 0.48%           | 0.053%        |
| 24        | 12.757      | 1672          | 1678        | 1687         | rVV      | 124060         | 213925        | 2.48%           | 0.278%        |
| 25        | 12.893      | 1696          | 1701        | 1709         | rBV      | 5140           | 10277         | 0.12%           | 0.013%        |
| 26        | 13.098      | 1731          | 1736        | 1739         | rBV2     | 18223          | 29679         | 0.34%           | 0.039%        |
| 27        | 13.128      | 1739          | 1741        | 1747         | rVV7     | 10507          | 15501         | 0.18%           | 0.020%        |
| 28        | 13.187      | 1747          | 1751        | 1756         | rVV4     | 9497           | 15754         | 0.18%           | 0.020%        |
| 29        | 13.687      | 1829          | 1836        | 1841         | rBV      | 2756521        | 3781395       | 43.91%          | 4.919%        |
| 30        | 13.734      | 1841          | 1844        | 1853         | rVV      | 134254         | 197003        | 2.29%           | 0.256%        |
| 31        | 13.834      | 1857          | 1861        | 1865         | rVB7     | 6515           | 10836         | 0.13%           | 0.014%        |
| 32        | 13.963      | 1874          | 1883        | 1896         | rBV      | 3108712        | 4779700       | 55.51%          | 6.217%        |
| 33        | 14.275      | 1929          | 1936        | 1948         | rBV      | 2140122        | 3194529       | 37.10%          | 4.155%        |
| 34        | 14.369      | 1948          | 1952        | 1960         | rVB4     | 13908          | 22236         | 0.26%           | 0.029%        |

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|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 14.481 | 1965 | 1971 | 1987 | rBV4 | 179739  | 421917  | 4.90%  | 0.549%  |
| 36 | 14.710 | 2004 | 2010 | 2013 | rBV7 | 4523    | 9831    | 0.11%  | 0.013%  |
| 37 | 14.916 | 2040 | 2045 | 2048 | rBV  | 26258   | 37210   | 0.43%  | 0.048%  |
| 38 | 15.028 | 2059 | 2064 | 2071 | rVB  | 46083   | 66163   | 0.77%  | 0.086%  |
| 39 | 15.110 | 2074 | 2078 | 2083 | rVB2 | 15291   | 22161   | 0.26%  | 0.029%  |
| 40 | 15.163 | 2083 | 2087 | 2091 | rBV5 | 7364    | 9958    | 0.12%  | 0.013%  |
| 41 | 15.269 | 2098 | 2105 | 2119 | rBV  | 4129945 | 6037051 | 70.11% | 7.853%  |
| 42 | 15.392 | 2120 | 2126 | 2139 | rVV  | 901081  | 1244438 | 14.45% | 1.619%  |
| 43 | 15.510 | 2142 | 2146 | 2152 | rVB2 | 53171   | 85990   | 1.00%  | 0.112%  |
| 44 | 15.645 | 2165 | 2169 | 2177 | rVB6 | 8602    | 17130   | 0.20%  | 0.022%  |
| 45 | 15.786 | 2190 | 2193 | 2197 | rVB2 | 11245   | 14446   | 0.17%  | 0.019%  |
| 46 | 15.839 | 2199 | 2202 | 2205 | rVV5 | 10500   | 16000   | 0.19%  | 0.021%  |
| 47 | 15.886 | 2205 | 2210 | 2218 | rVB  | 84230   | 141044  | 1.64%  | 0.183%  |
| 48 | 16.063 | 2236 | 2240 | 2247 | rVB3 | 20303   | 33136   | 0.38%  | 0.043%  |
| 49 | 16.257 | 2270 | 2273 | 2276 | rVB5 | 7025    | 8817    | 0.10%  | 0.011%  |
| 50 | 16.298 | 2276 | 2280 | 2285 | rBV5 | 8441    | 12171   | 0.14%  | 0.016%  |
| 51 | 16.463 | 2301 | 2308 | 2311 | rBV9 | 10219   | 19785   | 0.23%  | 0.026%  |
| 52 | 16.704 | 2346 | 2349 | 2356 | rVB6 | 8144    | 13328   | 0.15%  | 0.017%  |
| 53 | 16.833 | 2362 | 2371 | 2378 | rBV2 | 42397   | 86023   | 1.00%  | 0.112%  |
| 54 | 17.028 | 2397 | 2404 | 2413 | rBV  | 2642525 | 3860958 | 44.84% | 5.022%  |
| 55 | 17.122 | 2414 | 2420 | 2432 | rVV2 | 4553351 | 6678733 | 77.56% | 8.687%  |
| 56 | 17.228 | 2436 | 2438 | 2445 | rVB7 | 7983    | 11053   | 0.13%  | 0.014%  |
| 57 | 17.333 | 2454 | 2456 | 2463 | rVB3 | 9325    | 13688   | 0.16%  | 0.018%  |
| 58 | 17.716 | 2517 | 2521 | 2526 | rVB3 | 24316   | 32213   | 0.37%  | 0.042%  |
| 59 | 17.822 | 2535 | 2539 | 2545 | rBV7 | 15103   | 27503   | 0.32%  | 0.036%  |
| 60 | 17.945 | 2556 | 2560 | 2566 | rBV2 | 117970  | 172140  | 2.00%  | 0.224%  |
| 61 | 18.004 | 2568 | 2570 | 2576 | rVB  | 22120   | 31699   | 0.37%  | 0.041%  |
| 62 | 18.239 | 2605 | 2610 | 2619 | rBV5 | 19806   | 43123   | 0.50%  | 0.056%  |
| 63 | 18.498 | 2651 | 2654 | 2658 | rVB4 | 10566   | 13580   | 0.16%  | 0.018%  |
| 64 | 18.786 | 2699 | 2703 | 2712 | rVV2 | 51113   | 67796   | 0.79%  | 0.088%  |
| 65 | 18.875 | 2715 | 2718 | 2725 | rVB4 | 11975   | 15928   | 0.18%  | 0.021%  |
| 66 | 19.016 | 2737 | 2742 | 2747 | rBV  | 58545   | 86643   | 1.01%  | 0.113%  |
| 67 | 19.063 | 2748 | 2750 | 2754 | rVV5 | 7866    | 10034   | 0.12%  | 0.013%  |
| 68 | 19.186 | 2768 | 2771 | 2777 | rBV7 | 16373   | 23678   | 0.27%  | 0.031%  |
| 69 | 19.257 | 2779 | 2783 | 2792 | rVB  | 50223   | 71047   | 0.83%  | 0.092%  |
| 70 | 19.369 | 2796 | 2802 | 2819 | rVB  | 6203191 | 8166089 | 94.83% | 10.622% |
| 71 | 20.863 | 3051 | 3056 | 3062 | rBV2 | 143968  | 248663  | 2.89%  | 0.323%  |

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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 72 | 21.116 | 3094 | 3099 | 3115 | rBV  | 3349939 | 4475980 | 51.98%  | 5.822%  |
| 73 | 21.233 | 3115 | 3119 | 3125 | rBV3 | 50737   | 102548  | 1.19%   | 0.133%  |
| 74 | 21.292 | 3126 | 3129 | 3135 | rVB2 | 68500   | 82233   | 0.95%   | 0.107%  |
| 75 | 21.721 | 3199 | 3202 | 3208 | rBV  | 118513  | 155646  | 1.81%   | 0.202%  |
| 76 | 22.186 | 3277 | 3281 | 3286 | rVB  | 192597  | 252301  | 2.93%   | 0.328%  |
| 77 | 22.310 | 3298 | 3302 | 3311 | rVB  | 271224  | 357855  | 4.16%   | 0.465%  |
| 78 | 22.604 | 3348 | 3352 | 3358 | rVB2 | 52962   | 87229   | 1.01%   | 0.113%  |
| 79 | 22.692 | 3362 | 3367 | 3378 | rVB  | 255634  | 395185  | 4.59%   | 0.514%  |
| 80 | 23.186 | 3443 | 3451 | 3458 | rBV  | 4665995 | 8611154 | 100.00% | 11.201% |
| 81 | 23.257 | 3459 | 3463 | 3468 | rVV  | 302835  | 529892  | 6.15%   | 0.689%  |
| 82 | 23.321 | 3468 | 3474 | 3490 | rVB  | 2471909 | 4695581 | 54.53%  | 6.108%  |
| 83 | 23.904 | 3567 | 3573 | 3582 | rBV  | 254422  | 491654  | 5.71%   | 0.640%  |
| 84 | 24.651 | 3694 | 3700 | 3708 | rVB2 | 176213  | 382897  | 4.45%   | 0.498%  |
| 85 | 25.521 | 3843 | 3848 | 3857 | rVB2 | 93793   | 223174  | 2.59%   | 0.290%  |

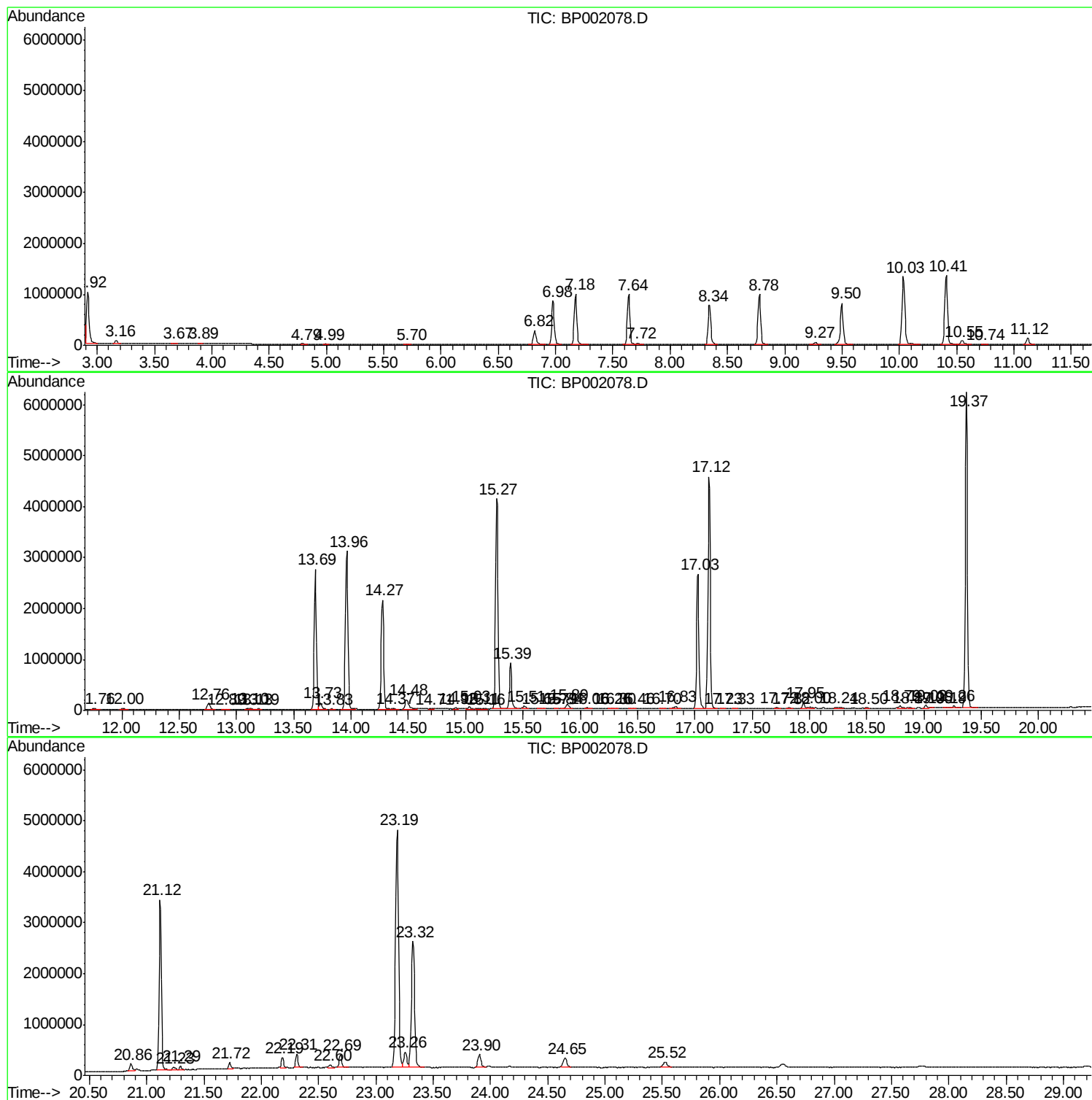
Sum of corrected areas: 76878128

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Instrument :  
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C0DH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

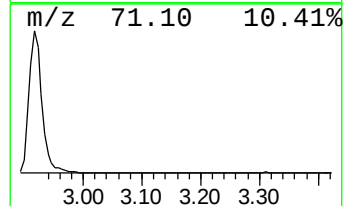
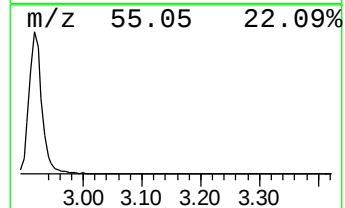
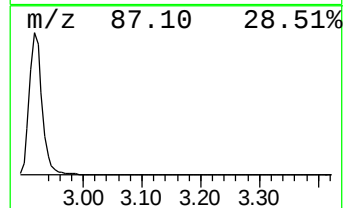
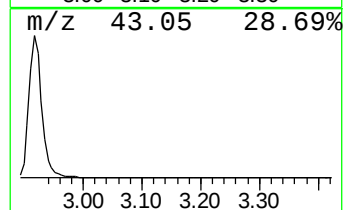
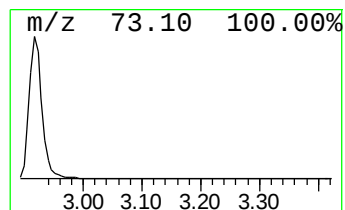
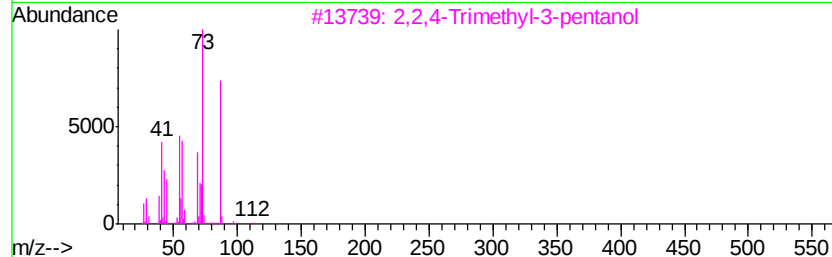
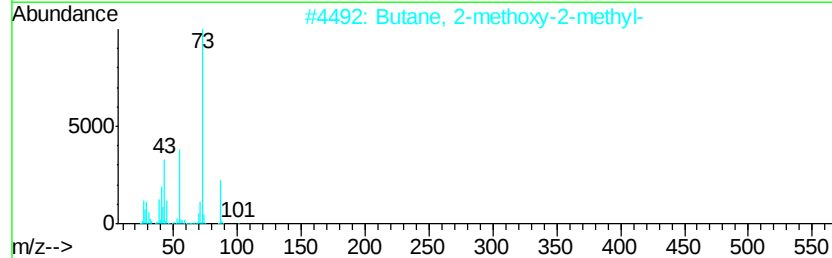
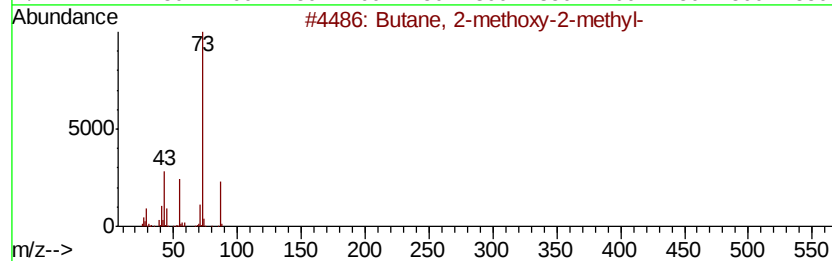
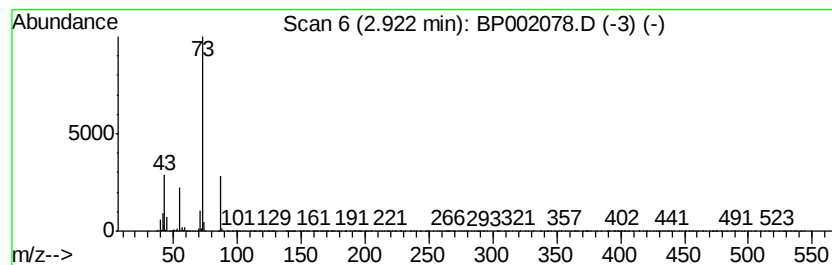
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 2.92 | 16.80 ng/ul | 1339710 | 1,4-Dichlorobenzene-d4 | 7.64 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 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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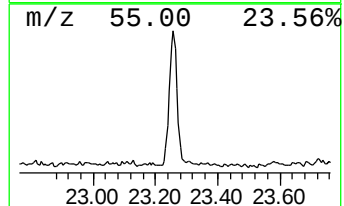
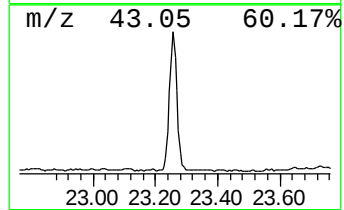
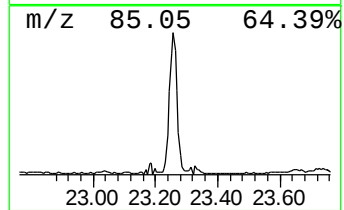
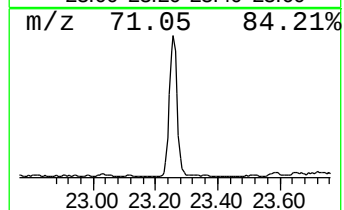
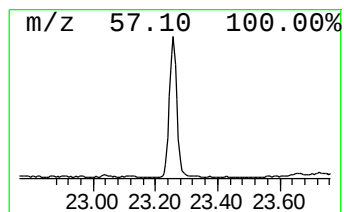
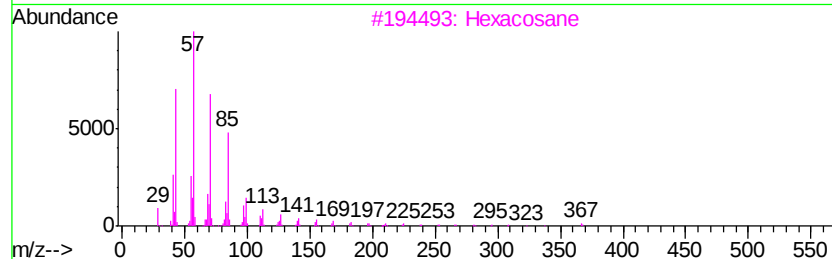
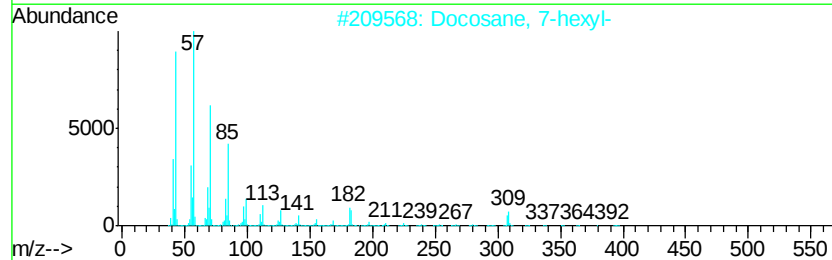
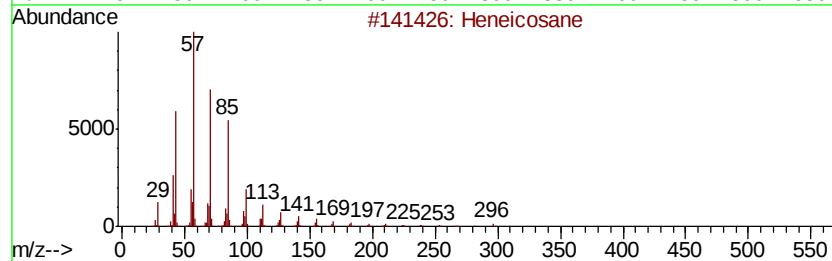
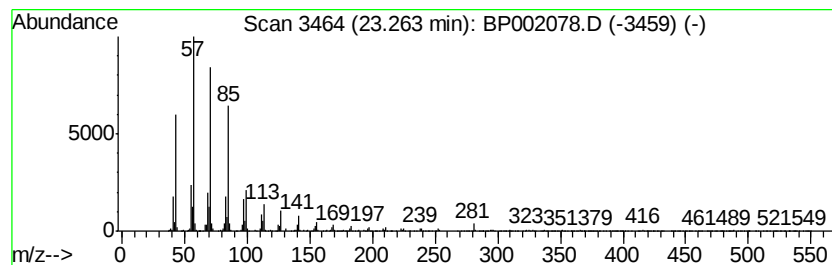
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.26 | 2.26 ng/ul | 529892 | Perylene-d12     | 23.32 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7  | 98   |
| 2    |    | Docosane, 7-hexyl- | 394 | C28H58  | 055373-86-9  | 95   |
| 3    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 4    |    | Eicosane           | 282 | C20H42  | 000112-95-8  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |



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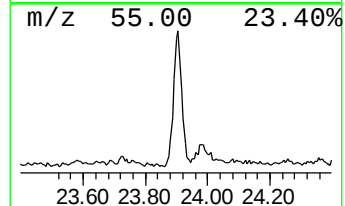
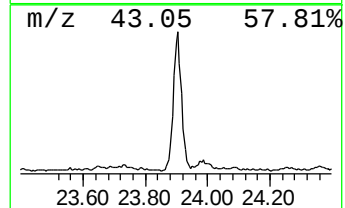
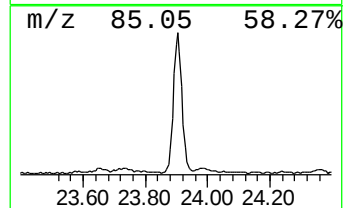
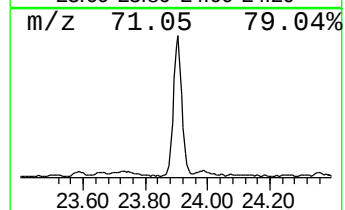
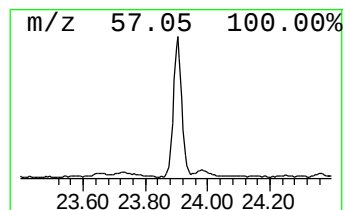
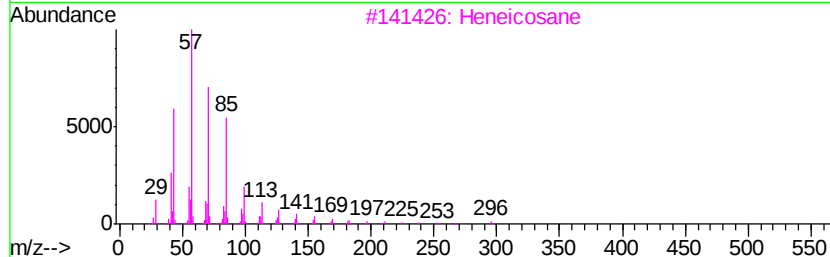
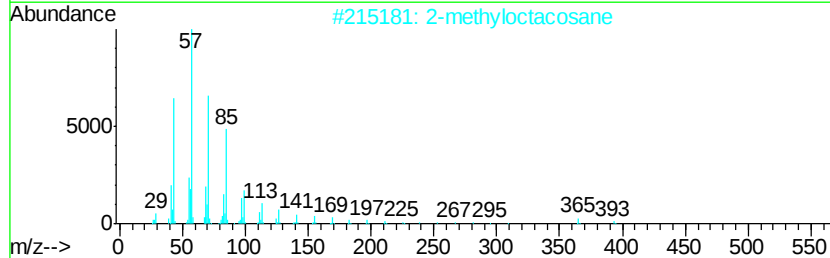
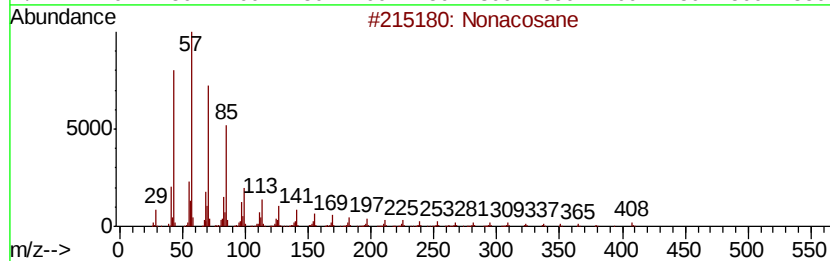
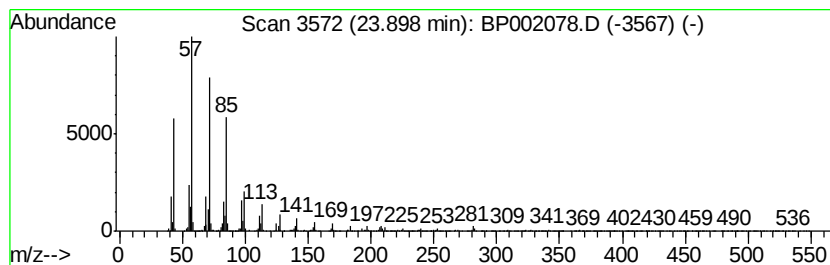
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.90 | 2.09 ng/ul | 491654 | Perylene-d12     | 23.32 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Nonacosane            | 408 | C29H60  | 000630-03-5  | 94   |
| 2    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 5    |    | triacontane           | 422 | C30H62  | 000638-68-6  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP030520\  
Data File : BP002078.D  
Acq On : 05 Mar 2020 19:56  
Operator : CG/JU  
Sample : L1780-14  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0DH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.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  | 16.8    | ng/ul | 1339710  | 1                     | 7.64  | 1594530 | 20.0 |
| (DEL) Alkane: Str... | 23.26 | 2.3     | ng/ul | 529892   | 6                     | 23.32 | 4695580 | 20.0 |
| (DEL) Alkane: Str... | 23.90 | 2.1     | ng/ul | 491654   | 6                     | 23.32 | 4695580 | 20.0 |