

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
 Data File : BG042078.D  
 Acq On : 8 Aug 2019 21:59  
 Operator : HP/JU  
 Sample : K4116-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JLLD9

## 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\_G\METHODS\SOM-EPA-BG080319MA.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      | 3.143    | 5          | 9        | 29        | rVB   | 1483278     | 2354987    | 100.00%      | 11.280%    |
| 2      | 3.407    | 51         | 54       | 60        | rVB2  | 8262        | 12181      | 0.52%        | 0.058%     |
| 3      | 4.077    | 163        | 168      | 178       | rVV2  | 10533       | 19745      | 0.84%        | 0.095%     |
| 4      | 4.165    | 180        | 183      | 188       | rVB3  | 2585        | 4161       | 0.18%        | 0.020%     |
| 5      | 5.099    | 337        | 342      | 348       | rVB2  | 3698        | 6423       | 0.27%        | 0.031%     |
| 6      | 7.173    | 689        | 695      | 708       | rBV   | 146790      | 284292     | 12.07%       | 1.362%     |
| 7      | 7.344    | 717        | 724      | 735       | rBV   | 118921      | 212398     | 9.02%        | 1.017%     |
| 8      | 7.555    | 752        | 760      | 771       | rBV   | 170168      | 310807     | 13.20%       | 1.489%     |
| 9      | 8.025    | 833        | 840      | 850       | rBV   | 229466      | 399851     | 16.98%       | 1.915%     |
| 10     | 8.730    | 950        | 960      | 978       | rBV   | 174528      | 332112     | 14.10%       | 1.591%     |
| 11     | 8.854    | 978        | 981      | 986       | rVB4  | 1906        | 2580       | 0.11%        | 0.012%     |
| 12     | 9.188    | 1031       | 1038     | 1051      | rBV   | 165770      | 294943     | 12.52%       | 1.413%     |
| 13     | 9.635    | 1110       | 1114     | 1120      | rBV4  | 2599        | 4177       | 0.18%        | 0.020%     |
| 14     | 9.923    | 1155       | 1163     | 1172      | rBV   | 131770      | 249073     | 10.58%       | 1.193%     |
| 15     | 10.463   | 1244       | 1255     | 1271      | rBV   | 212356      | 431385     | 18.32%       | 2.066%     |
| 16     | 10.851   | 1313       | 1321     | 1334      | rBV   | 326061      | 603111     | 25.61%       | 2.889%     |
| 17     | 10.981   | 1334       | 1343     | 1356      | rVV2  | 130124      | 282017     | 11.98%       | 1.351%     |
| 18     | 11.063   | 1356       | 1357     | 1361      | rVB3  | 2449        | 2575       | 0.11%        | 0.012%     |
| 19     | 12.449   | 1587       | 1593     | 1601      | rVB3  | 3074        | 6236       | 0.26%        | 0.030%     |
| 20     | 14.083   | 1865       | 1871     | 1875      | rVV   | 446456      | 653289     | 27.74%       | 3.129%     |
| 21     | 14.130   | 1875       | 1879     | 1886      | rVB   | 170458      | 255956     | 10.87%       | 1.226%     |
| 22     | 14.377   | 1910       | 1921     | 1936      | rBV   | 546638      | 873351     | 37.09%       | 4.183%     |
| 23     | 14.588   | 1955       | 1957     | 1962      | rBV   | 1906        | 2487       | 0.11%        | 0.012%     |
| 24     | 14.688   | 1966       | 1974     | 1982      | rBV   | 568802      | 915671     | 38.88%       | 4.386%     |
| 25     | 14.876   | 2000       | 2006     | 2016      | rBV2  | 70799       | 166038     | 7.05%        | 0.795%     |
| 26     | 14.964   | 2020       | 2021     | 2030      | rVB4  | 3271        | 4161       | 0.18%        | 0.020%     |
| 27     | 15.099   | 2038       | 2044     | 2049      | rVB3  | 14100       | 22290      | 0.95%        | 0.107%     |
| 28     | 15.534   | 2114       | 2118     | 2122      | rVB3  | 2361        | 3406       | 0.14%        | 0.016%     |
| 29     | 15.681   | 2136       | 2143     | 2153      | rBV   | 726206      | 1111392    | 47.19%       | 5.323%     |
| 30     | 15.793   | 2155       | 2162     | 2174      | rVV   | 138981      | 223692     | 9.50%        | 1.071%     |
| 31     | 15.892   | 2174       | 2179     | 2181      | rVV3  | 4930        | 8276       | 0.35%        | 0.040%     |
| 32     | 15.922   | 2181       | 2184     | 2189      | rVB3  | 7221        | 10144      | 0.43%        | 0.049%     |
| 33     | 16.368   | 2253       | 2260     | 2265      | rBV2  | 14598       | 26387      | 1.12%        | 0.126%     |
| 34     | 16.462   | 2273       | 2276     | 2281      | rVB4  | 3956        | 5398       | 0.23%        | 0.026%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 17.197 | 2396 | 2401 | 2403 | rBV3 | 2771    | 4685    | 0.20%  | 0.022% |
| 36 | 17.256 | 2409 | 2411 | 2417 | rVB4 | 2031    | 2756    | 0.12%  | 0.013% |
| 37 | 17.361 | 2425 | 2429 | 2431 | rVB3 | 1876    | 2522    | 0.11%  | 0.012% |
| 38 | 17.438 | 2435 | 2442 | 2447 | rBV  | 734229  | 1123016 | 47.69% | 5.379% |
| 39 | 17.479 | 2447 | 2449 | 2452 | rVV  | 27364   | 31699   | 1.35%  | 0.152% |
| 40 | 17.538 | 2452 | 2459 | 2473 | rVB2 | 730674  | 1173080 | 49.81% | 5.619% |
| 41 | 17.831 | 2501 | 2509 | 2510 | rBV4 | 2623    | 4602    | 0.20%  | 0.022% |
| 42 | 17.961 | 2523 | 2531 | 2535 | rBV6 | 6311    | 13054   | 0.55%  | 0.063% |
| 43 | 18.096 | 2553 | 2554 | 2559 | rBV4 | 1950    | 2408    | 0.10%  | 0.012% |
| 44 | 18.331 | 2588 | 2594 | 2605 | rBV4 | 44805   | 102512  | 4.35%  | 0.491% |
| 45 | 18.448 | 2612 | 2614 | 2620 | rVB6 | 2935    | 3661    | 0.16%  | 0.018% |
| 46 | 18.507 | 2620 | 2624 | 2628 | rBV6 | 4290    | 7879    | 0.33%  | 0.038% |
| 47 | 18.536 | 2628 | 2629 | 2639 | rVB7 | 3889    | 7164    | 0.30%  | 0.034% |
| 48 | 18.630 | 2641 | 2645 | 2647 | rBV3 | 4180    | 6241    | 0.27%  | 0.030% |
| 49 | 18.660 | 2649 | 2650 | 2654 | rVB3 | 3745    | 4010    | 0.17%  | 0.019% |
| 50 | 18.818 | 2673 | 2677 | 2679 | rBV5 | 4034    | 4548    | 0.19%  | 0.022% |
| 51 | 19.253 | 2744 | 2751 | 2756 | rBV2 | 18628   | 26826   | 1.14%  | 0.128% |
| 52 | 19.365 | 2768 | 2770 | 2773 | rBV4 | 3218    | 4265    | 0.18%  | 0.020% |
| 53 | 19.459 | 2783 | 2786 | 2787 | rBV  | 12734   | 12042   | 0.51%  | 0.058% |
| 54 | 19.488 | 2787 | 2791 | 2797 | rVB  | 63819   | 91853   | 3.90%  | 0.440% |
| 55 | 19.600 | 2806 | 2810 | 2815 | rBV6 | 12595   | 23891   | 1.01%  | 0.114% |
| 56 | 19.711 | 2825 | 2829 | 2832 | rBV  | 8625    | 14997   | 0.64%  | 0.072% |
| 57 | 19.823 | 2842 | 2848 | 2858 | rBV  | 1031595 | 1529826 | 64.96% | 7.328% |
| 58 | 19.958 | 2868 | 2871 | 2874 | rVB4 | 23159   | 23871   | 1.01%  | 0.114% |
| 59 | 20.023 | 2880 | 2882 | 2885 | rBV4 | 4245    | 4527    | 0.19%  | 0.022% |
| 60 | 20.058 | 2885 | 2888 | 2892 | rVV4 | 10062   | 12378   | 0.53%  | 0.059% |
| 61 | 20.264 | 2921 | 2923 | 2927 | rBV5 | 6474    | 8570    | 0.36%  | 0.041% |
| 62 | 20.299 | 2927 | 2929 | 2930 | rBV2 | 4891    | 3727    | 0.16%  | 0.018% |
| 63 | 20.358 | 2934 | 2939 | 2945 | rVB2 | 42007   | 69027   | 2.93%  | 0.331% |
| 64 | 20.464 | 2954 | 2957 | 2960 | rVB  | 20657   | 22240   | 0.94%  | 0.107% |
| 65 | 20.857 | 3021 | 3024 | 3027 | rVB2 | 25377   | 27689   | 1.18%  | 0.133% |
| 66 | 21.368 | 3105 | 3111 | 3124 | rBV2 | 167822  | 366951  | 15.58% | 1.758% |
| 67 | 21.721 | 3163 | 3171 | 3177 | rBV  | 767287  | 1345273 | 57.12% | 6.444% |
| 68 | 21.927 | 3202 | 3206 | 3211 | rBV3 | 41073   | 62113   | 2.64%  | 0.298% |
| 69 | 22.549 | 3306 | 3312 | 3326 | rBV4 | 108060  | 308273  | 13.09% | 1.477% |
| 70 | 23.254 | 3428 | 3432 | 3438 | rVB2 | 46922   | 79848   | 3.39%  | 0.382% |
| 71 | 23.942 | 3546 | 3549 | 3556 | rBV3 | 16458   | 39089   | 1.66%  | 0.187% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Title : SVOA CALIBRATION

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|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 24.077 | 3567 | 3572 | 3578 | rBV2 | 88623  | 190402  | 8.09%  | 0.912% |
| 73 | 24.142 | 3579 | 3583 | 3601 | rVV6 | 66739  | 226807  | 9.63%  | 1.086% |
| 74 | 24.288 | 3604 | 3608 | 3613 | rVB7 | 23755  | 39191   | 1.66%  | 0.188% |
| 75 | 24.758 | 3678 | 3688 | 3698 | rBV  | 507313 | 1437088 | 61.02% | 6.884% |
| 76 | 24.982 | 3716 | 3726 | 3734 | rBV2 | 487355 | 1360480 | 57.77% | 6.517% |
| 77 | 25.581 | 3820 | 3828 | 3837 | rBV6 | 36934  | 113143  | 4.80%  | 0.542% |
| 78 | 26.216 | 3928 | 3936 | 3948 | rVB2 | 62594  | 190691  | 8.10%  | 0.913% |
| 79 | 26.351 | 3951 | 3959 | 3963 | rBV9 | 38751  | 119199  | 5.06%  | 0.571% |
| 80 | 29.089 | 4415 | 4425 | 4439 | rVB5 | 59406  | 237420  | 10.08% | 1.137% |
| 81 | 32.391 | 4976 | 4987 | 5003 | rVB4 | 56432  | 296609  | 12.59% | 1.421% |

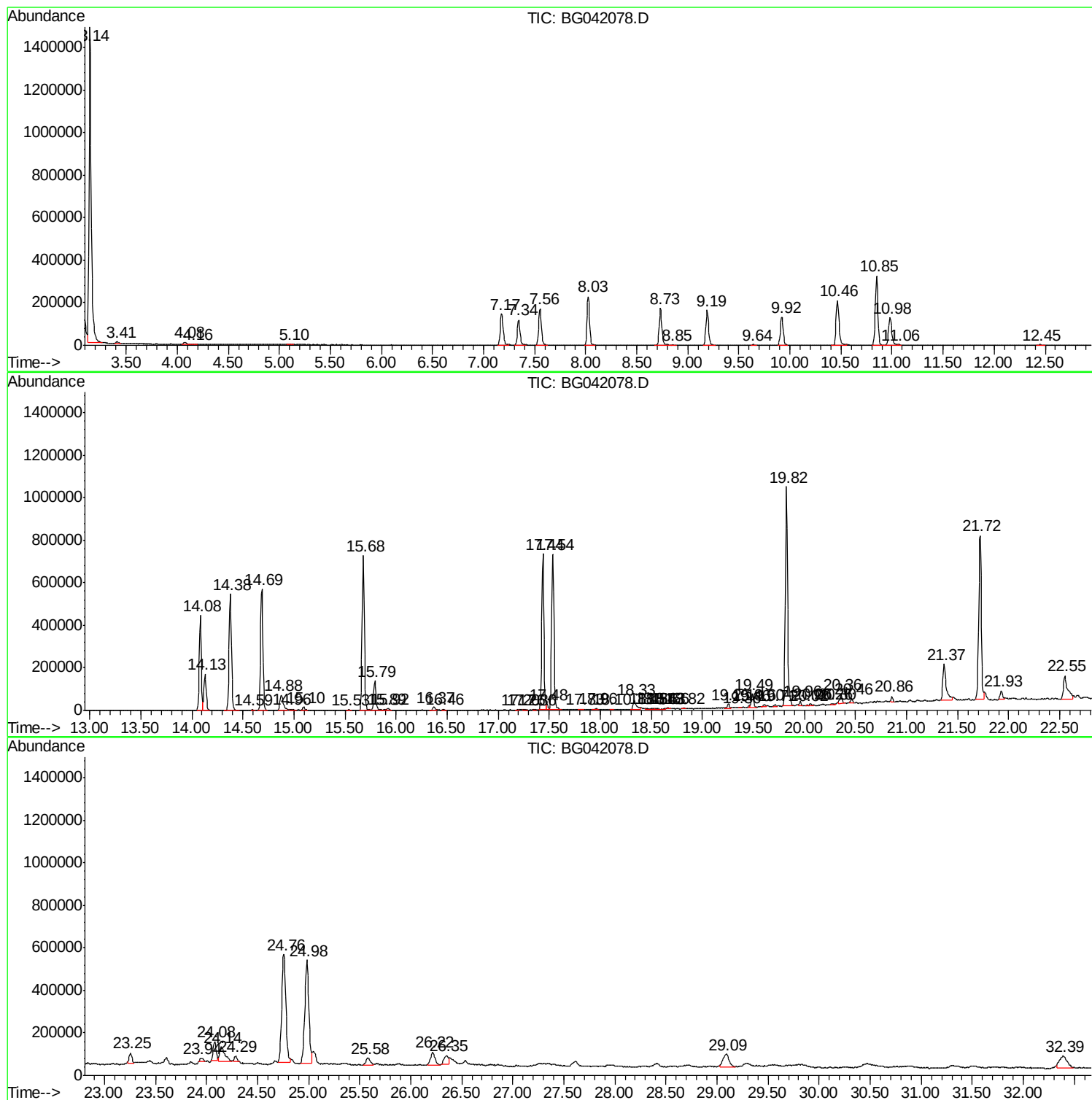
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

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



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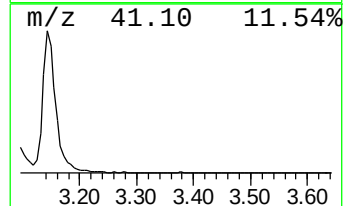
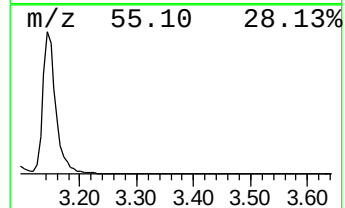
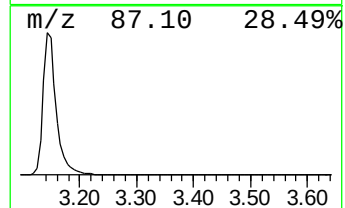
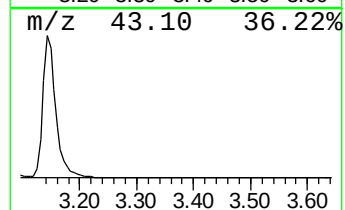
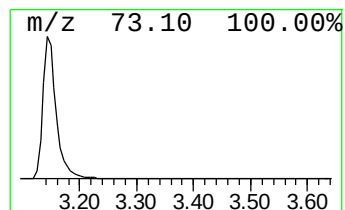
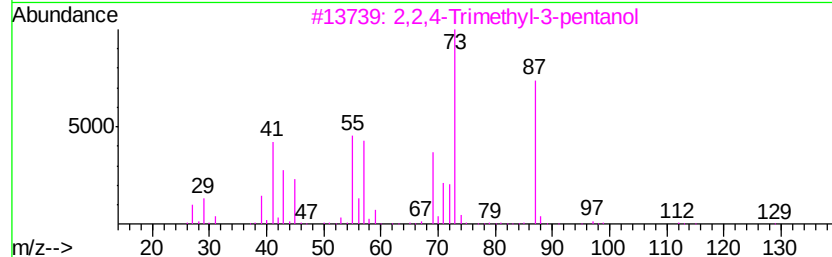
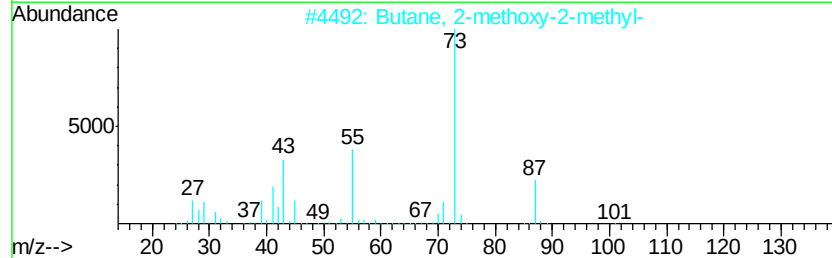
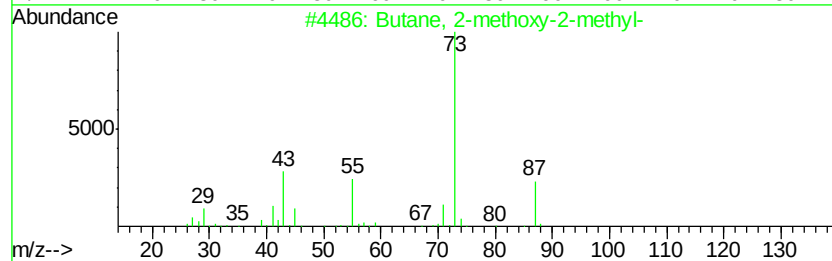
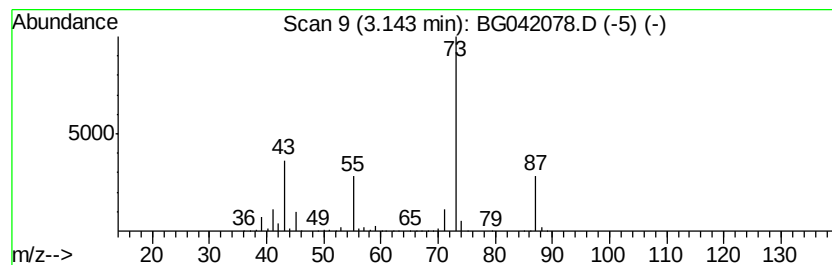
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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. |
|------|--------------|---------|------------------------|------|
| 3.14 | 117.79 ng/ul | 2354990 | 1,4-Dichlorobenzene-d4 | 8.03 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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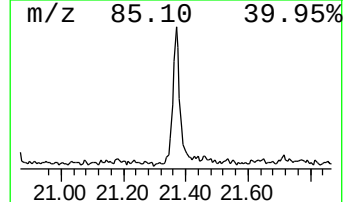
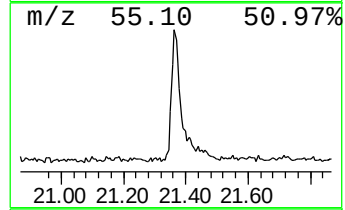
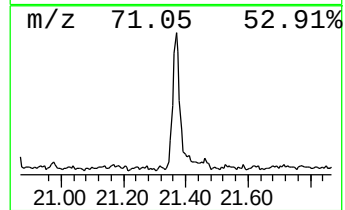
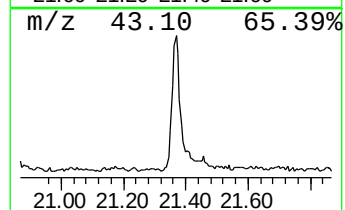
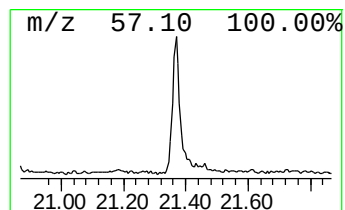
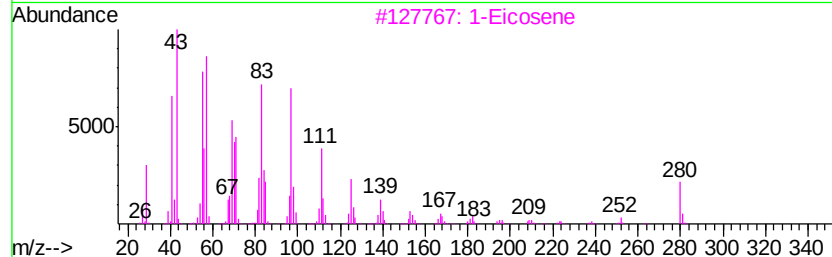
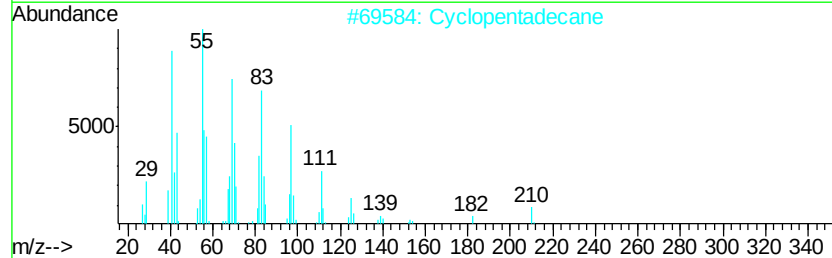
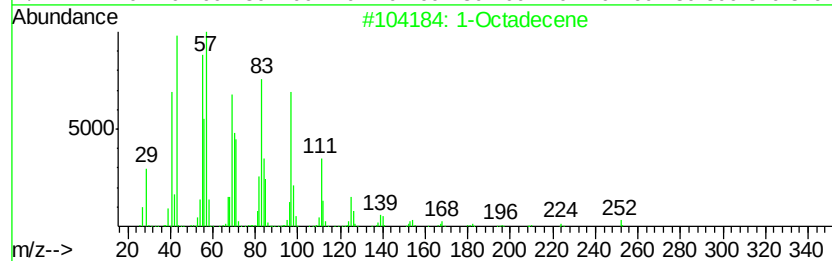
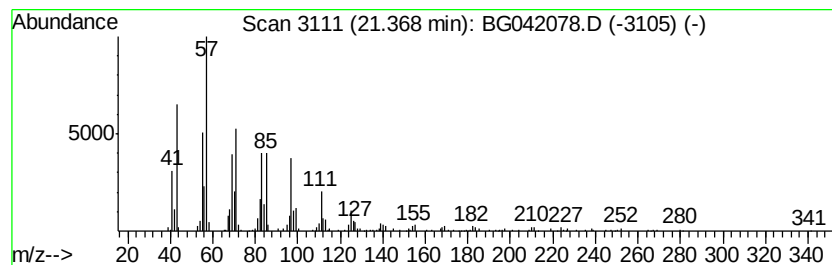
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\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.37     | 5.46 ng/ul                          | 366951 | Chrysene-d12     | 21.72        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Octadecene                        | 252    | C18H36           | 000112-88-9  | 96   |
| 2         | Cyclopentadecane                    | 210    | C15H30           | 000295-48-7  | 95   |
| 3         | 1-Eicosene                          | 280    | C20H40           | 003452-07-1  | 93   |
| 4         | Oxalic acid, isobutyl tetradecyl... | 342    | C20H38O4         | 1000309-37-9 | 91   |
| 5         | Oxalic acid, isobutyl pentadecyl... | 356    | C21H40O4         | 1000309-38-0 | 91   |



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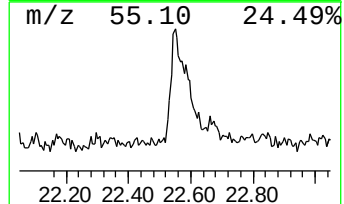
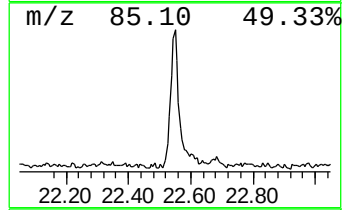
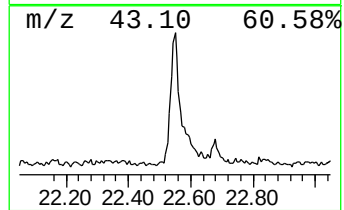
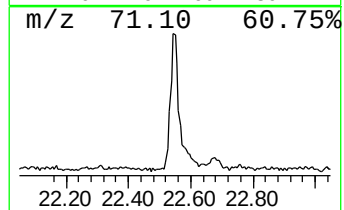
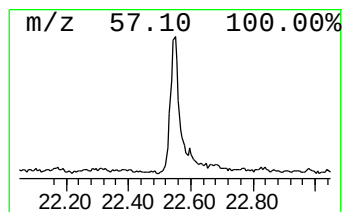
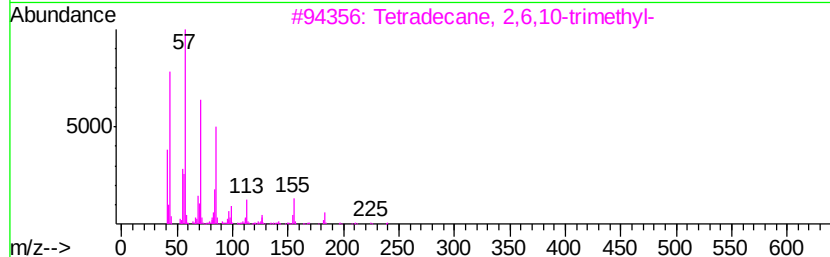
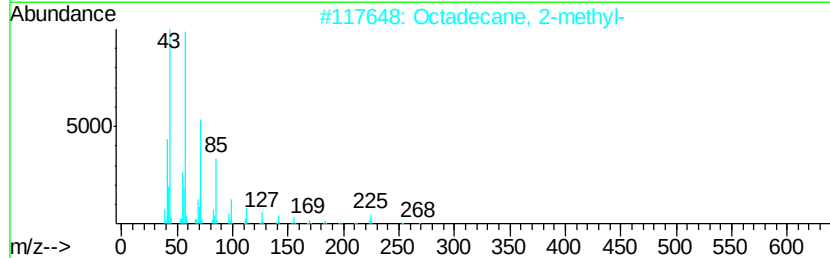
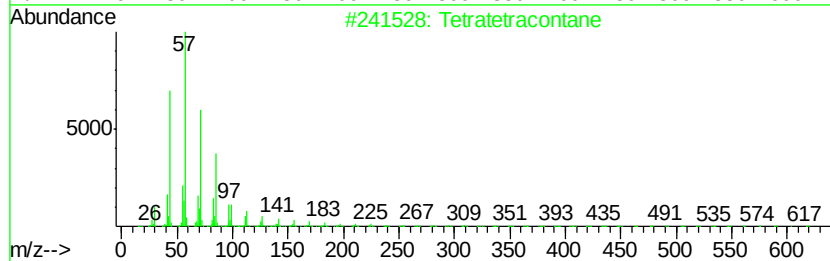
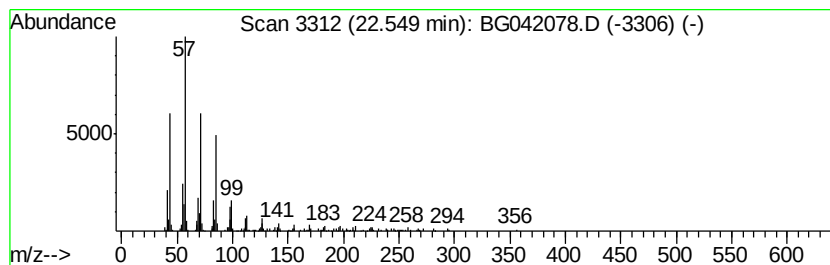
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.55 | 4.58 ng/ul | 308273 | Chrysene-d12     | 21.72 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------------------|-----|---------|--------------|------|
| 1    | 5  | Tetratetracontane              | 619 | C44H90  | 007098-22-8  | 93   |
| 2    |    | Octadecane, 2-methyl-          | 268 | C19H40  | 001560-88-9  | 91   |
| 3    |    | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7  | 90   |
| 4    |    | 2-methyloctacosane             | 408 | C29H60  | 1000376-72-8 | 90   |
| 5    |    | Octacosane                     | 394 | C28H58  | 000630-02-4  | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
Data File : BG042078.D  
Acq On : 8 Aug 2019 21:59  
Operator : HP/JU  
Sample : K4116-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

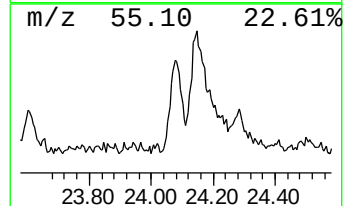
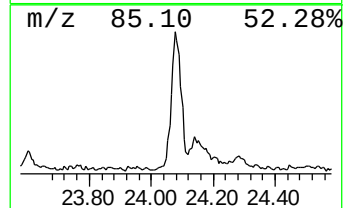
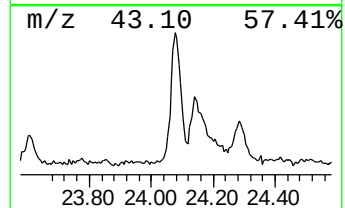
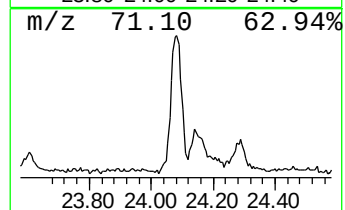
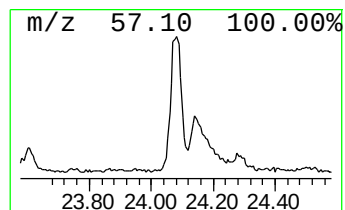
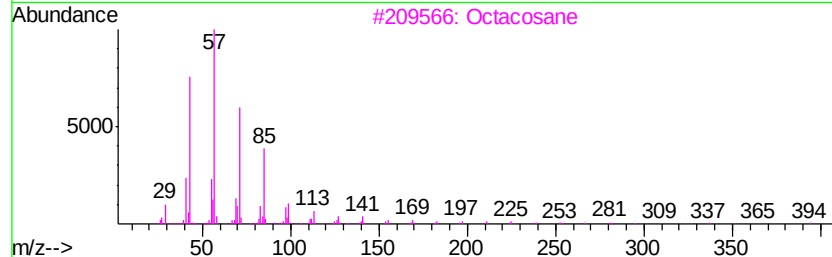
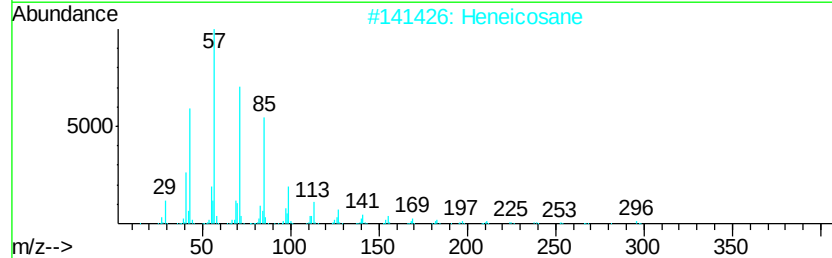
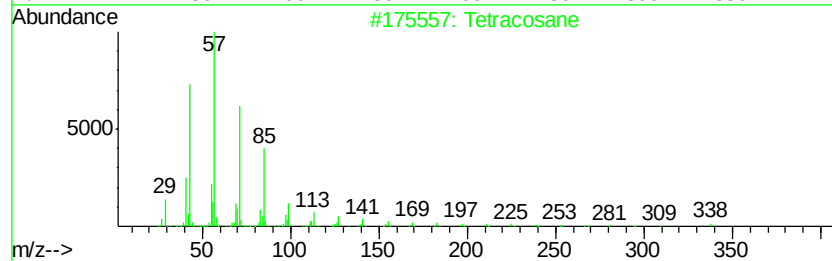
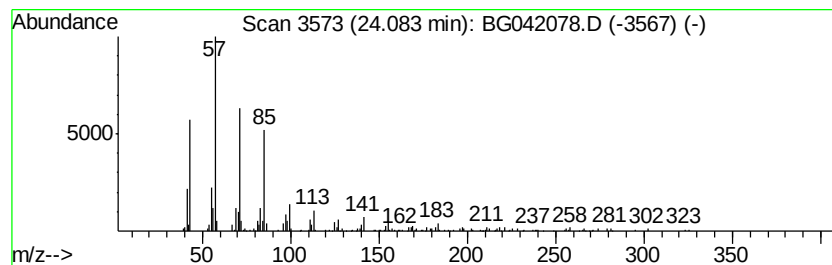
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.08 | 2.80 ng/ul | 190402 | Perylene-d12     | 24.98 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane           | 338 | C24H50  | 000646-31-1 | 90   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 87   |
| 5    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 86   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
 Data File : BG042078.D  
 Acq On : 8 Aug 2019 21:59  
 Operator : HP/JU  
 Sample : K4116-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

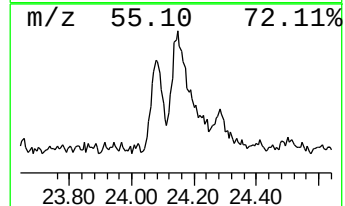
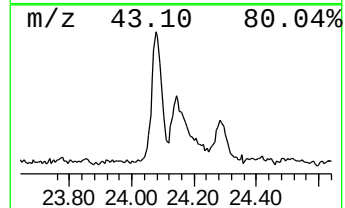
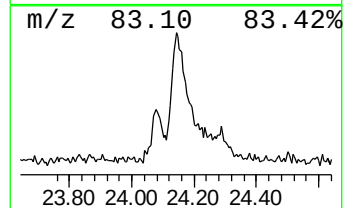
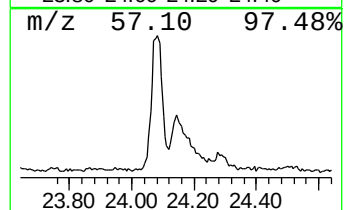
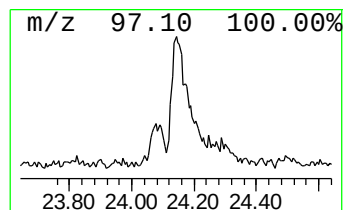
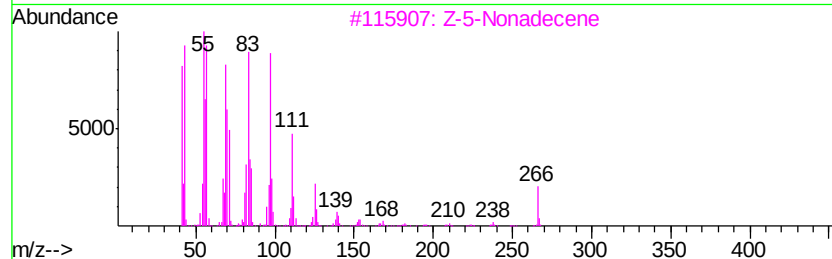
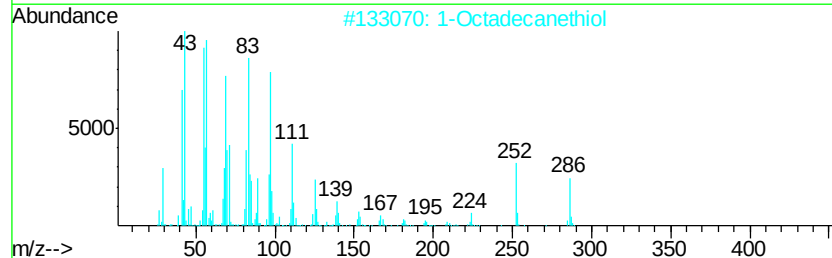
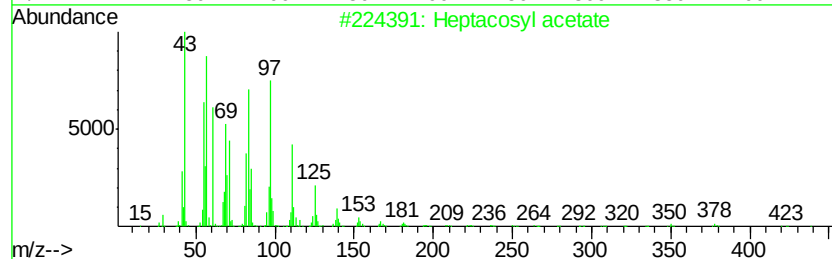
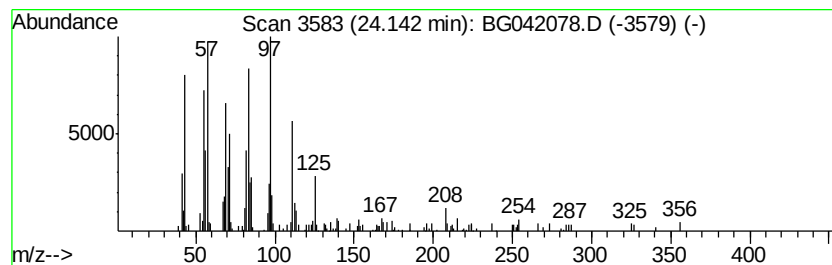
Instrument :  
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 ClientSampleId :  
 JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
 Peak Number 5 Heptacosyl acetate Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD              |     | R.T.       |              |      |
|-------|------------|--------|-------------------------------|-----|------------|--------------|------|
| 24.14 | 3.33 ng/ul | 226807 | Perylene-d12                  |     | 24.98      |              |      |
| Hit#  | of         | 5      | Tentative ID                  | MW  | MolForm    | CAS#         | Qual |
| 1     |            |        | Heptacosyl acetate            | 438 | C29H58O2   | 1000351-78-2 | 91   |
| 2     |            |        | 1-Octadecanethiol             | 286 | C18H38S    | 002885-00-9  | 91   |
| 3     |            |        | Z-5-Nonadecene                | 266 | C19H38     | 1000131-11-8 | 90   |
| 4     |            |        | 4-Methyl-E-9-octadecene       | 266 | C19H38     | 1000130-87-1 | 89   |
| 5     |            |        | Eicosyl pentafluoropropionate | 444 | C23H41F5O2 | 1000351-80-8 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
Data File : BG042078.D  
Acq On : 8 Aug 2019 21:59  
Operator : HP/JU  
Sample : K4116-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

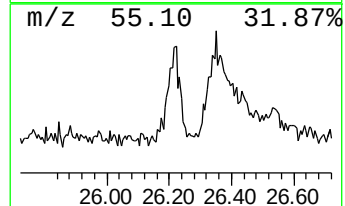
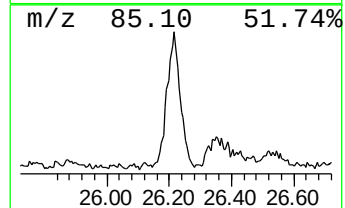
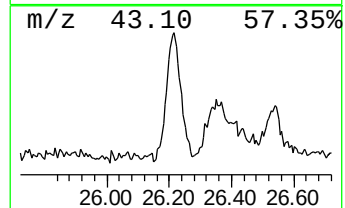
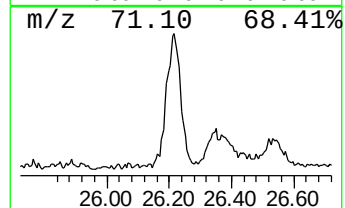
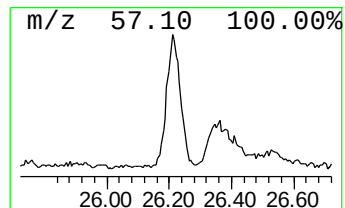
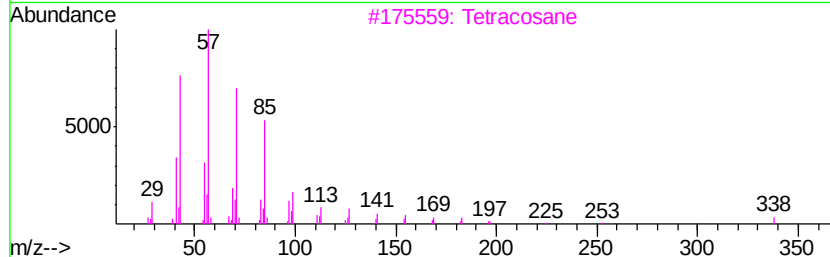
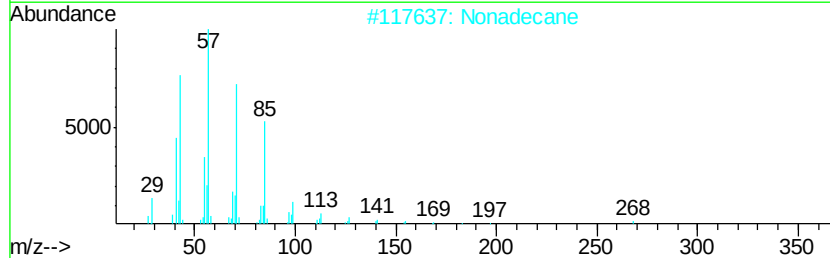
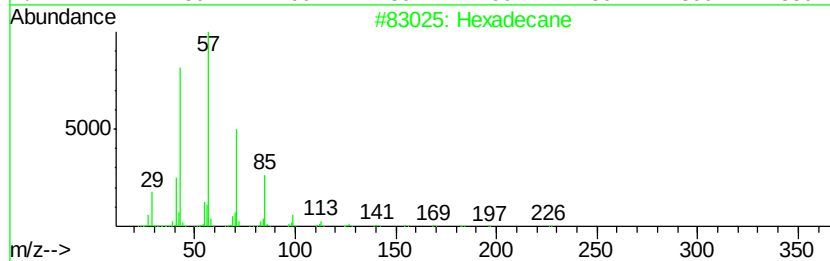
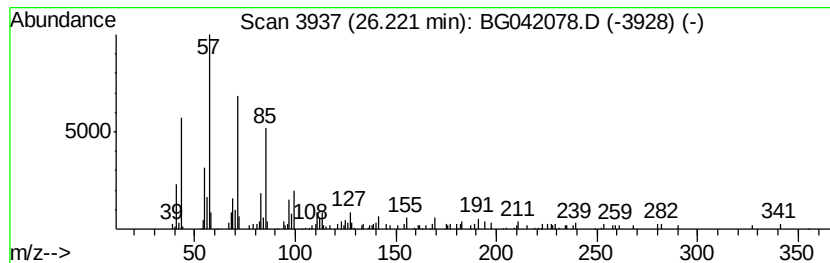
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 26.22 | 2.80 ng/ul | 190691 | Perylene-d12     | 24.98 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |
| 4    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 90   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
Data File : BG042078.D  
Acq On : 8 Aug 2019 21:59  
Operator : HP/JU  
Sample : K4116-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

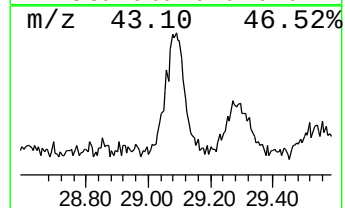
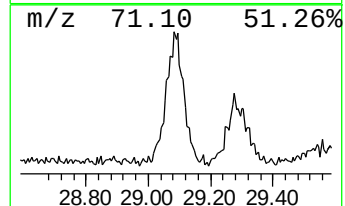
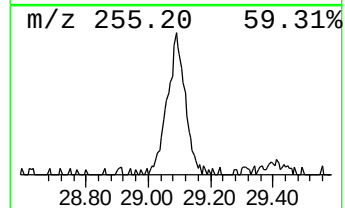
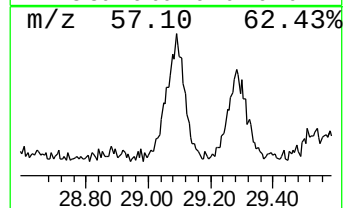
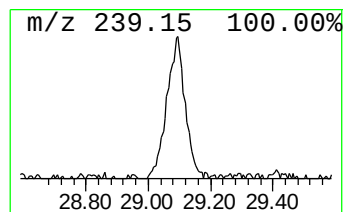
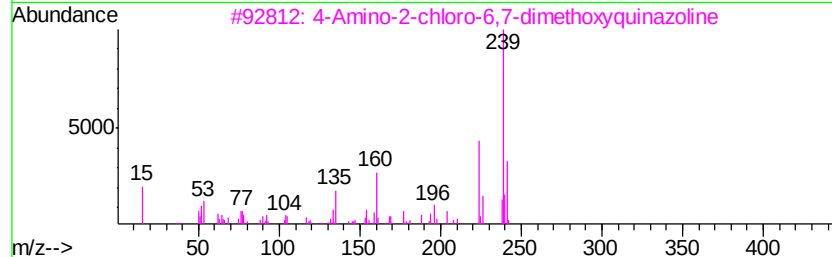
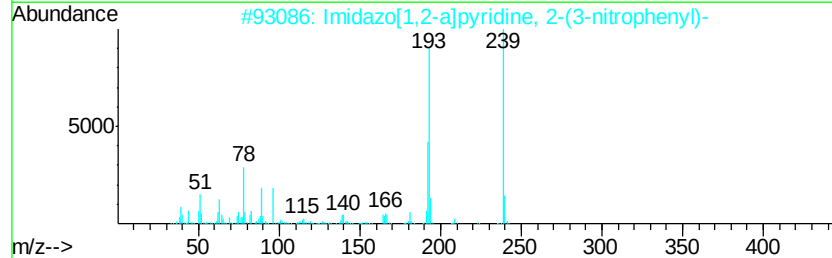
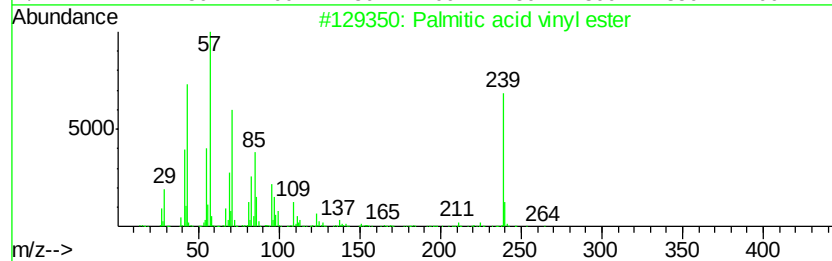
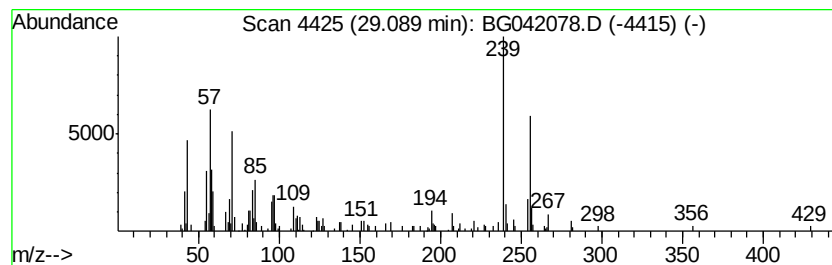
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-01 Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 29.09 | 3.49 ng/ul | 237420 | Perylene-d12     | 24.98 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Palmitic acid vinyl ester           | 282 | C18H34O2     | 000693-38-9  | 41   |
| 2    |    | Imidazo[1,2-a]pyridine, 2-(3-nit... | 239 | C13H9N3O2    | 034658-67-8  | 27   |
| 3    |    | 4-Amino-2-chloro-6,7-dimethoxyqu... | 239 | C10H10ClN3O2 | 023680-84-4  | 27   |
| 4    |    | 3,5-Dimethoxymandelic acid, di-TMS  | 356 | C16H28O5Si2  | 1000072-02-9 | 25   |
| 5    |    | 5H-Pyrrolo[3,4-b]pyrazine-5,7(6H... | 239 | C13H9N3O2    | 1000337-19-6 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
Data File : BG042078.D  
Acq On : 8 Aug 2019 21:59  
Operator : HP/JU  
Sample : K4116-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

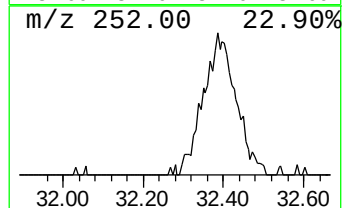
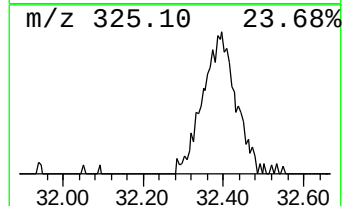
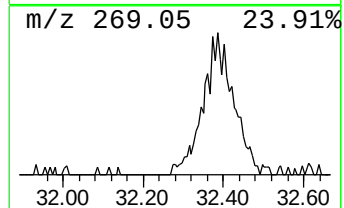
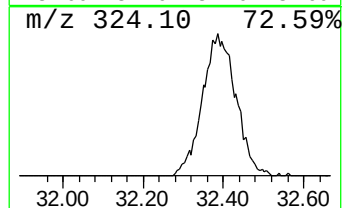
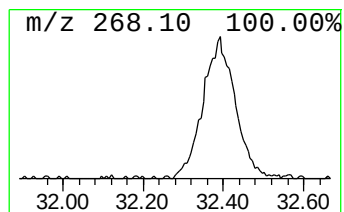
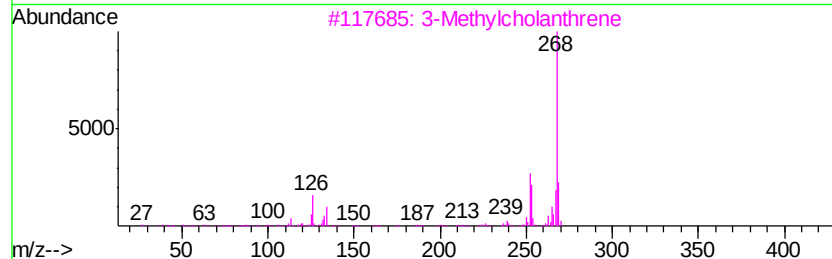
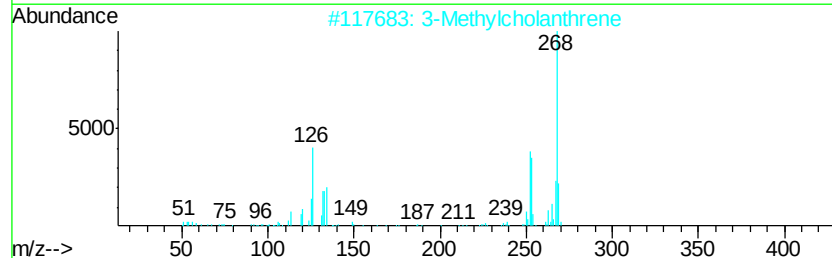
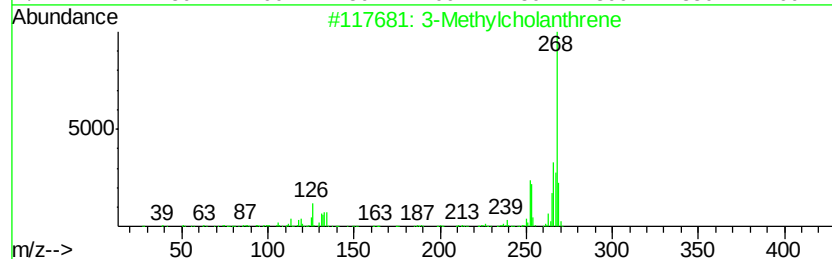
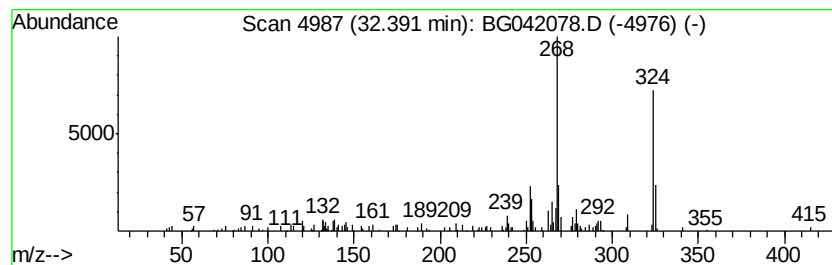
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 3-Methylcholanthrene Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 32.39 | 4.36 ng/ul | 296609 | Perylene-d12     | 24.98 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Methylcholanthrene               | 268 | C21H16  | 000056-49-5 | 70   |
| 2    |    | 3-Methylcholanthrene               | 268 | C21H16  | 000056-49-5 | 60   |
| 3    |    | 3-Methylcholanthrene               | 268 | C21H16  | 000056-49-5 | 60   |
| 4    |    | 4H-Dibenz[a,k]anthracene, 5,6-d... | 268 | C21H16  | 007198-87-0 | 55   |
| 5    |    | Naphthalene, 1,1'-methylenebis-    | 268 | C21H16  | 000607-50-1 | 55   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080819\  
Data File : BG042078.D  
Acq On : 8 Aug 2019 21:59  
Operator : HP/JU  
Sample : K4116-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JLLD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.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... | 3.14  | 117.8   | ng/ul | 2354990  | 1                     | 8.03  | 399851  | 20.0 |
| (DEL) Alkane: Cyc... | 21.37 | 5.5     | ng/ul | 366951   | 5                     | 21.72 | 1345270 | 20.0 |
| (DEL) Alkane: Str... | 22.55 | 4.6     | ng/ul | 308273   | 5                     | 21.72 | 1345270 | 20.0 |
| (DEL) Alkane: Str... | 24.08 | 2.8     | ng/ul | 190402   | 6                     | 24.98 | 1360480 | 20.0 |
| Heptacosyl acetate   | 24.14 | 3.3     | ng/ul | 226807   | 6                     | 24.98 | 1360480 | 20.0 |
| (DEL) Alkane: Str... | 26.22 | 2.8     | ng/ul | 190691   | 6                     | 24.98 | 1360480 | 20.0 |
| unknown-01           | 29.09 | 3.5     | ng/ul | 237420   | 6                     | 24.98 | 1360480 | 20.0 |
| 3-Methylcholanthrene | 32.39 | 4.4     | ng/ul | 296609   | 6                     | 24.98 | 1360480 | 20.0 |