

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\  
 Data File : BG042001.D  
 Acq On : 6 Aug 2019 17:10  
 Operator : HP/JU  
 Sample : K4028-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BENZ9

## 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<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         | 3.146       | 5             | 10          | 32           | rVB      | 1099935        | 1786906       | 100.00%         | 8.817%        |
| 2         | 3.369       | 46            | 48          | 49           | rVB2     | 4155           | 2268          | 0.13%           | 0.011%        |
| 3         | 3.816       | 122           | 124         | 127          | rVB3     | 2711           | 2133          | 0.12%           | 0.011%        |
| 4         | 4.074       | 164           | 168         | 174          | rVB2     | 8793           | 12542         | 0.70%           | 0.062%        |
| 5         | 4.386       | 218           | 221         | 222          | rBV3     | 2197           | 1981          | 0.11%           | 0.010%        |
| 6         | 5.103       | 338           | 343         | 346          | rBV6     | 2607           | 4798          | 0.27%           | 0.024%        |
| 7         | 7.177       | 689           | 696         | 708          | rBV      | 130731         | 258044        | 14.44%          | 1.273%        |
| 8         | 7.341       | 717           | 724         | 739          | rBV      | 100946         | 183663        | 10.28%          | 0.906%        |
| 9         | 7.553       | 753           | 760         | 770          | rBV      | 147344         | 266550        | 14.92%          | 1.315%        |
| 10        | 8.029       | 834           | 841         | 850          | rBV      | 171549         | 302122        | 16.91%          | 1.491%        |
| 11        | 8.734       | 953           | 961         | 974          | rBV      | 176331         | 330759        | 18.51%          | 1.632%        |
| 12        | 8.851       | 979           | 981         | 983          | rBV3     | 1449           | 1813          | 0.10%           | 0.009%        |
| 13        | 9.192       | 1032          | 1039        | 1050         | rBV      | 132058         | 250005        | 13.99%          | 1.234%        |
| 14        | 9.644       | 1111          | 1116        | 1118         | rBV3     | 2337           | 3195          | 0.18%           | 0.016%        |
| 15        | 9.921       | 1156          | 1163        | 1173         | rBV      | 113301         | 212802        | 11.91%          | 1.050%        |
| 16        | 10.467      | 1248          | 1256        | 1273         | rBV      | 182926         | 369448        | 20.68%          | 1.823%        |
| 17        | 10.849      | 1313          | 1321        | 1334         | rBV      | 255618         | 466032        | 26.08%          | 2.300%        |
| 18        | 10.984      | 1334          | 1344        | 1361         | rBV      | 151919         | 333428        | 18.66%          | 1.645%        |
| 19        | 12.400      | 1578          | 1585        | 1591         | rBV4     | 3942           | 8729          | 0.49%           | 0.043%        |
| 20        | 12.453      | 1591          | 1594        | 1598         | rVB4     | 1881           | 3105          | 0.17%           | 0.015%        |
| 21        | 14.086      | 1865          | 1872        | 1876         | rBV      | 456684         | 683514        | 38.25%          | 3.373%        |
| 22        | 14.133      | 1876          | 1880        | 1891         | rVB      | 139821         | 213883        | 11.97%          | 1.055%        |
| 23        | 14.380      | 1913          | 1922        | 1934         | rBV      | 526901         | 830988        | 46.50%          | 4.100%        |
| 24        | 14.686      | 1967          | 1974        | 1984         | rBV      | 500030         | 786113        | 43.99%          | 3.879%        |
| 25        | 14.874      | 2000          | 2006        | 2017         | rBV      | 84864          | 191056        | 10.69%          | 0.943%        |
| 26        | 14.979      | 2022          | 2024        | 2028         | rVB2     | 2880           | 3189          | 0.18%           | 0.016%        |
| 27        | 15.097      | 2040          | 2044        | 2051         | rVB3     | 9767           | 14896         | 0.83%           | 0.074%        |
| 28        | 15.538      | 2117          | 2119        | 2125         | rVB4     | 1990           | 2728          | 0.15%           | 0.013%        |
| 29        | 15.679      | 2136          | 2143        | 2157         | rBV      | 700862         | 1104481       | 61.81%          | 5.450%        |
| 30        | 15.790      | 2157          | 2162        | 2179         | rVV      | 121119         | 220623        | 12.35%          | 1.089%        |
| 31        | 15.919      | 2180          | 2184        | 2193         | rVB2     | 9630           | 15309         | 0.86%           | 0.076%        |
| 32        | 16.401      | 2263          | 2266        | 2268         | rBV3     | 2108           | 1921          | 0.11%           | 0.009%        |
| 33        | 16.466      | 2273          | 2277        | 2281         | rVV2     | 3271           | 3769          | 0.21%           | 0.019%        |
| 34        | 16.754      | 2323          | 2326        | 2329         | rBV3     | 1197           | 2114          | 0.12%           | 0.010%        |

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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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 16.783 | 2329 | 2331 | 2333 | rVV3 | 2065    | 1855    | 0.10%  | 0.009% |
| 36 | 17.118 | 2384 | 2388 | 2390 | rBV4 | 1371    | 1814    | 0.10%  | 0.009% |
| 37 | 17.259 | 2410 | 2412 | 2415 | rVB3 | 2465    | 2110    | 0.12%  | 0.010% |
| 38 | 17.435 | 2434 | 2442 | 2448 | rBV2 | 735465  | 1105977 | 61.89% | 5.457% |
| 39 | 17.535 | 2453 | 2459 | 2470 | rVV  | 838890  | 1291318 | 72.27% | 6.372% |
| 40 | 17.623 | 2471 | 2474 | 2480 | rVV4 | 10730   | 15850   | 0.89%  | 0.078% |
| 41 | 17.858 | 2508 | 2514 | 2520 | rVB6 | 1722    | 4073    | 0.23%  | 0.020% |
| 42 | 17.993 | 2533 | 2537 | 2541 | rBV4 | 1115    | 2131    | 0.12%  | 0.011% |
| 43 | 18.076 | 2550 | 2551 | 2556 | rBV2 | 1138    | 1849    | 0.10%  | 0.009% |
| 44 | 18.340 | 2589 | 2596 | 2598 | rBV5 | 20567   | 31915   | 1.79%  | 0.157% |
| 45 | 18.516 | 2622 | 2626 | 2628 | rBV4 | 4231    | 5391    | 0.30%  | 0.027% |
| 46 | 18.816 | 2674 | 2677 | 2679 | rVB3 | 2478    | 2522    | 0.14%  | 0.012% |
| 47 | 18.904 | 2690 | 2692 | 2695 | rVV4 | 2067    | 2239    | 0.13%  | 0.011% |
| 48 | 18.957 | 2698 | 2701 | 2702 | rBV3 | 2748    | 2802    | 0.16%  | 0.014% |
| 49 | 19.063 | 2716 | 2719 | 2722 | rBV4 | 1455    | 2258    | 0.13%  | 0.011% |
| 50 | 19.233 | 2745 | 2748 | 2751 | rBV4 | 3833    | 6161    | 0.34%  | 0.030% |
| 51 | 19.304 | 2757 | 2760 | 2762 | rBV4 | 2536    | 2832    | 0.16%  | 0.014% |
| 52 | 19.462 | 2783 | 2787 | 2789 | rVV2 | 11972   | 17889   | 1.00%  | 0.088% |
| 53 | 19.492 | 2789 | 2792 | 2799 | rVB  | 29966   | 42149   | 2.36%  | 0.208% |
| 54 | 19.715 | 2826 | 2830 | 2833 | rBV2 | 10883   | 13094   | 0.73%  | 0.065% |
| 55 | 19.750 | 2833 | 2836 | 2842 | rVB6 | 4515    | 7164    | 0.40%  | 0.035% |
| 56 | 19.827 | 2842 | 2849 | 2864 | rBV  | 1136569 | 1768669 | 98.98% | 8.727% |
| 57 | 20.020 | 2881 | 2882 | 2884 | rBV2 | 2958    | 2807    | 0.16%  | 0.014% |
| 58 | 20.267 | 2922 | 2924 | 2925 | rBV2 | 3183    | 2678    | 0.15%  | 0.013% |
| 59 | 20.361 | 2933 | 2940 | 2944 | rBV6 | 14455   | 27854   | 1.56%  | 0.137% |
| 60 | 20.397 | 2944 | 2946 | 2948 | rBV3 | 3893    | 2966    | 0.17%  | 0.015% |
| 61 | 20.602 | 2978 | 2981 | 2984 | rVB4 | 8492    | 9149    | 0.51%  | 0.045% |
| 62 | 20.731 | 2998 | 3003 | 3005 | rBV6 | 5979    | 11562   | 0.65%  | 0.057% |
| 63 | 20.861 | 3021 | 3025 | 3029 | rBV4 | 18409   | 22570   | 1.26%  | 0.111% |
| 64 | 21.372 | 3107 | 3112 | 3121 | rBV  | 90909   | 183524  | 10.27% | 0.906% |
| 65 | 21.718 | 3163 | 3171 | 3178 | rBV2 | 794442  | 1396022 | 78.13% | 6.888% |
| 66 | 21.930 | 3202 | 3207 | 3212 | rBV  | 80360   | 109521  | 6.13%  | 0.540% |
| 67 | 22.547 | 3307 | 3312 | 3319 | rVB2 | 129217  | 214366  | 12.00% | 1.058% |
| 68 | 23.258 | 3426 | 3433 | 3442 | rBV  | 183861  | 363655  | 20.35% | 1.794% |
| 69 | 23.851 | 3530 | 3534 | 3540 | rVB7 | 11253   | 23978   | 1.34%  | 0.118% |
| 70 | 23.928 | 3545 | 3547 | 3548 | rBV2 | 7147    | 5199    | 0.29%  | 0.026% |
| 71 | 24.086 | 3567 | 3574 | 3582 | rVB2 | 196523  | 422454  | 23.64% | 2.085% |

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ClientSampleId :  
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## 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\SOM-EPA-BG080319MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 24.756 | 3677 | 3688 | 3706 | rVB  | 636470 | 1768955 | 99.00% | 8.729% |
| 73 | 24.985 | 3716 | 3727 | 3734 | rBV  | 500189 | 1419501 | 79.44% | 7.004% |
| 74 | 25.056 | 3734 | 3739 | 3748 | rVB2 | 165578 | 443690  | 24.83% | 2.189% |
| 75 | 26.225 | 3928 | 3938 | 3949 | rVB3 | 129419 | 388928  | 21.77% | 1.919% |
| 76 | 27.617 | 4166 | 4175 | 4189 | rVB4 | 66387  | 237292  | 13.28% | 1.171% |
| 77 | 29.509 | 4495 | 4497 | 4498 | rBV2 | 4850   | 2388    | 0.13%  | 0.012% |

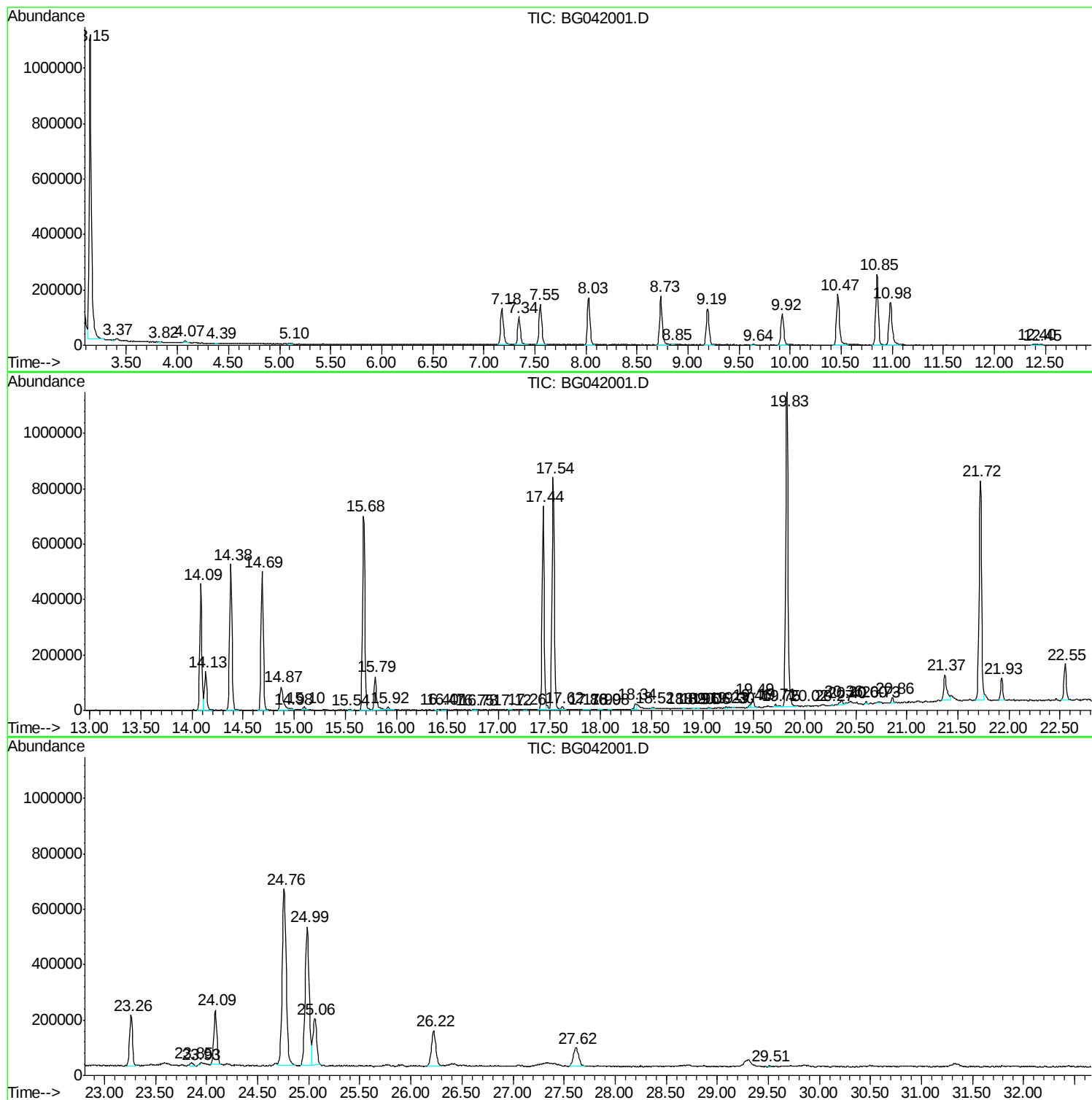
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Instrument :  
BNA\_G  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

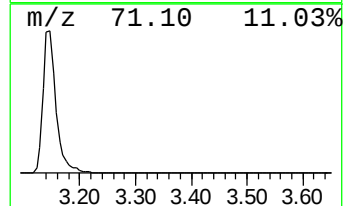
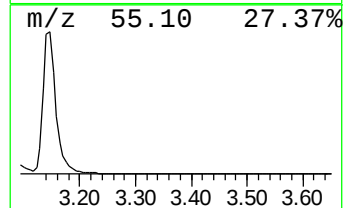
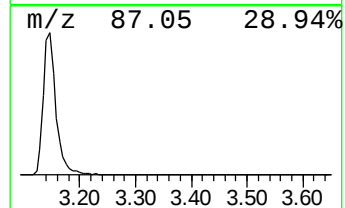
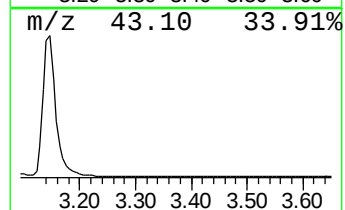
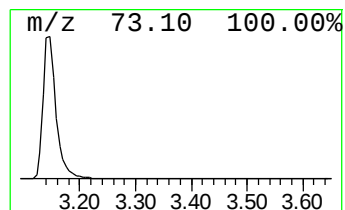
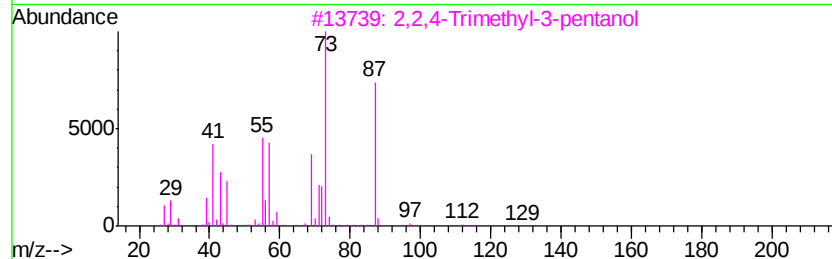
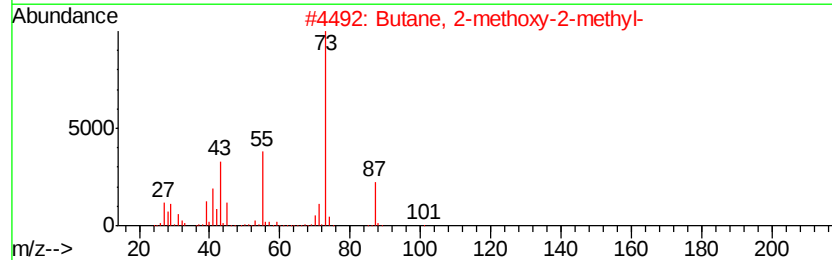
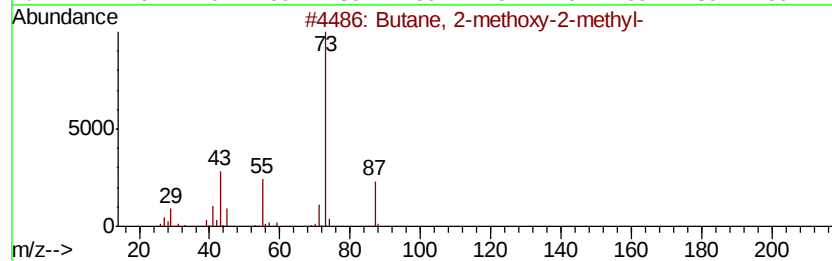
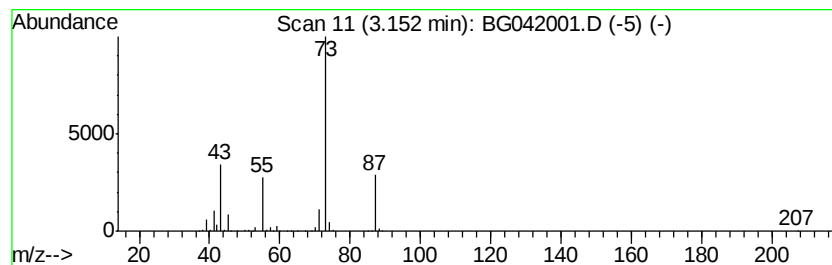
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc      | Area    | Relative to ISTD       | R.T. |
|------|--------------|---------|------------------------|------|
| 3.15 | 118.29 ng/ul | 1786910 | 1,4-Dichlorobenzene-d4 | 8.03 |

| Hit# of | 5                           | Tentative ID | MW     | MolForm     | CAS# | Qual |
|---------|-----------------------------|--------------|--------|-------------|------|------|
| 1       | Butane, 2-methoxy-2-methyl- | 102          | C6H14O | 000994-05-8 | 78   |      |
| 2       | Butane, 2-methoxy-2-methyl- | 102          | C6H14O | 000994-05-8 | 59   |      |
| 3       | 2,2,4-Trimethyl-3-pentanol  | 130          | C8H18O | 005162-48-1 | 40   |      |
| 4       | Pentane, 3-methoxy-         | 102          | C6H14O | 036839-67-5 | 17   |      |
| 5       | N-Ethylformamide            | 73           | C3H7NO | 000627-45-2 | 9    |      |



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

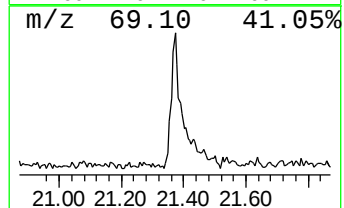
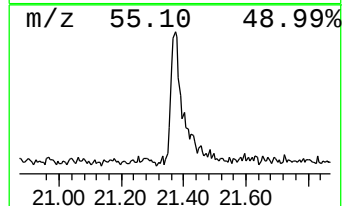
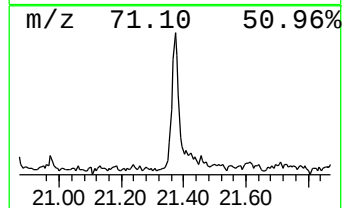
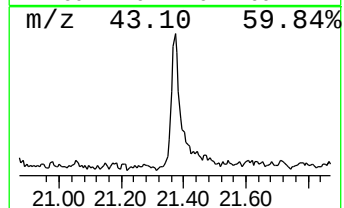
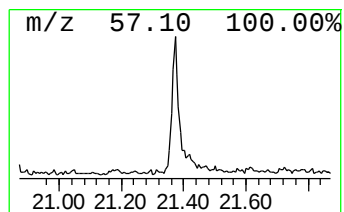
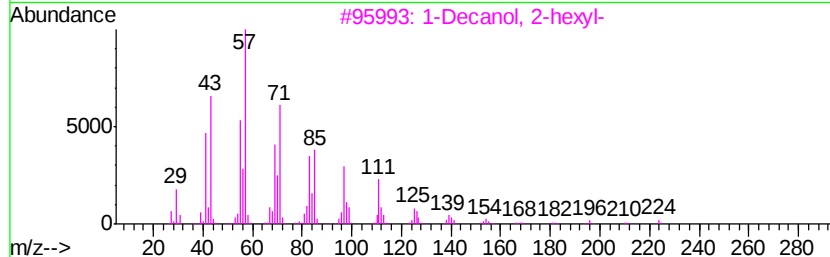
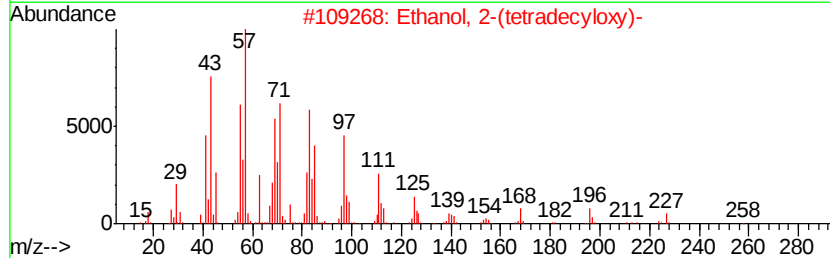
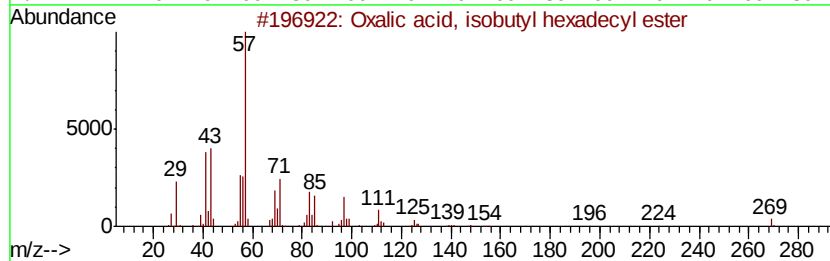
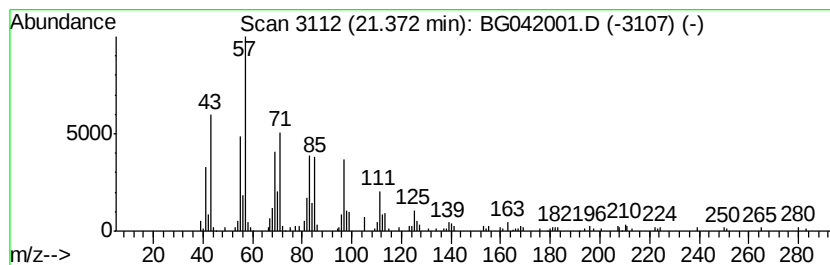
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Oxalic acid, isobutyl hexad... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.37 | 2.63 ng/ul | 183524 | Chrysene-d12     | 21.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4   | 1000309-38-1 | 91   |
| 2    |    | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2   | 002136-70-1  | 91   |
| 3    |    | 1-Decanol, 2-hexyl-                 | 242 | C16H34O    | 002425-77-6  | 91   |
| 4    |    | Oxalic acid, isobutyl heptadecyl... | 384 | C23H44O4   | 1000309-38-2 | 91   |
| 5    |    | Octacosyl heptafluorobutyrate       | 606 | C32H57F7O2 | 1000351-83-6 | 91   |



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Quant Title : SVOA CALIBRATION

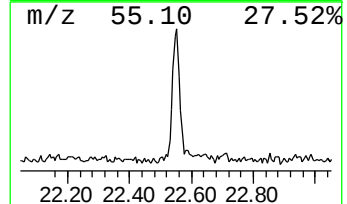
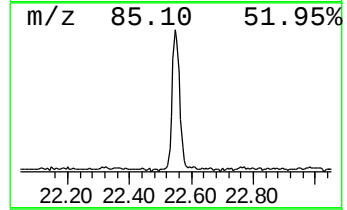
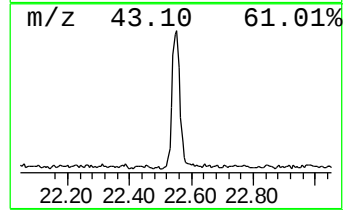
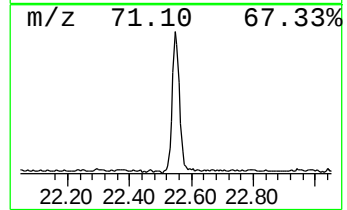
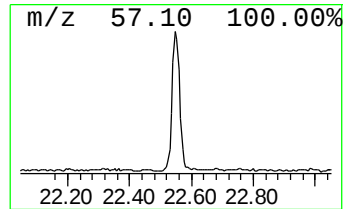
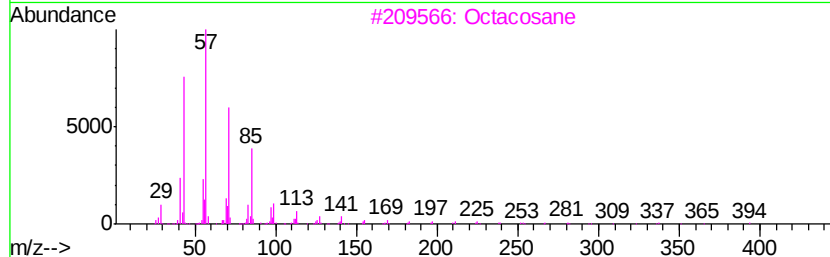
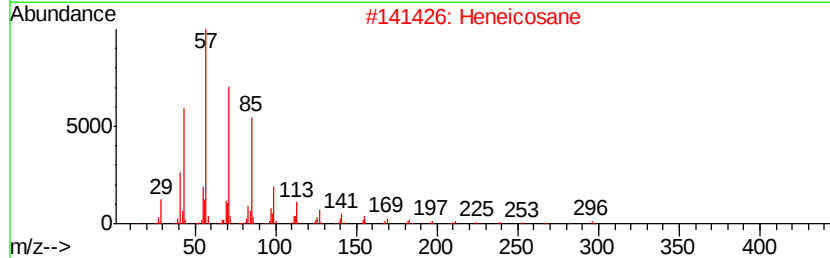
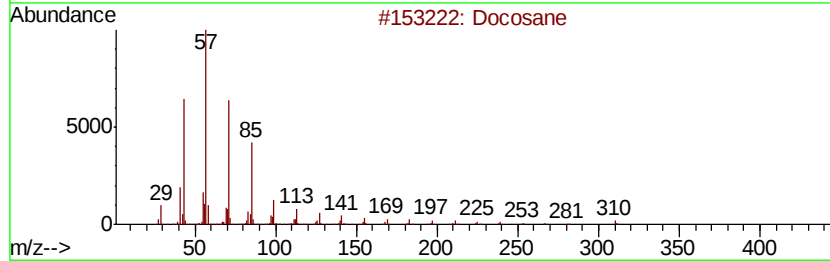
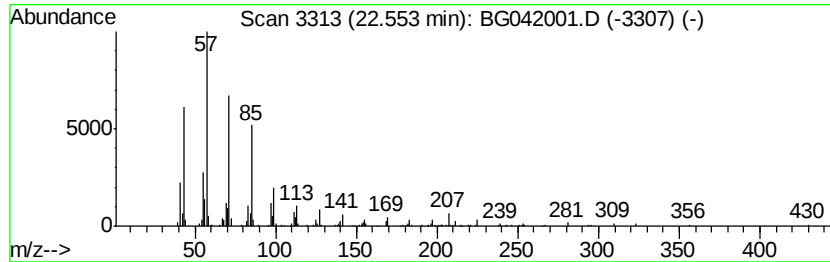
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.55 | 3.07 ng/ul | 214366 | Chrysene-d12     | 21.72 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Docosane     | 310 | C22H46  | 000629-97-0 | 90   |
| 2    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 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\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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

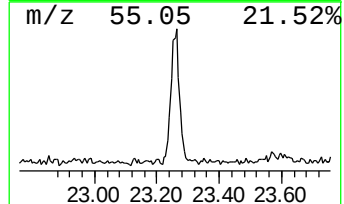
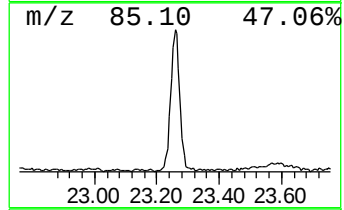
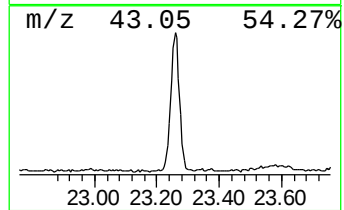
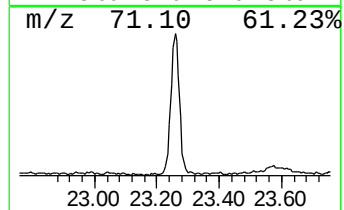
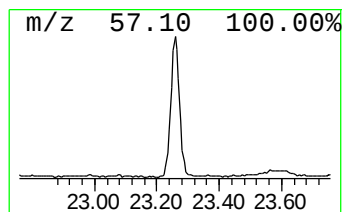
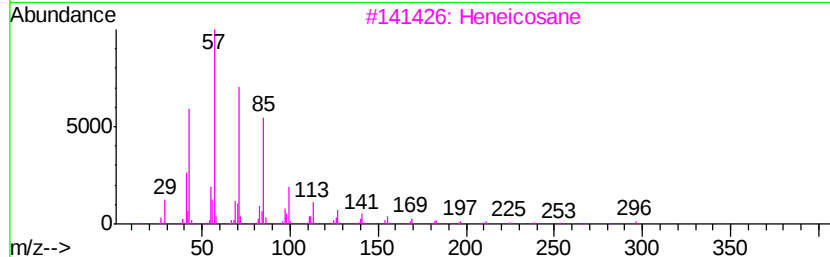
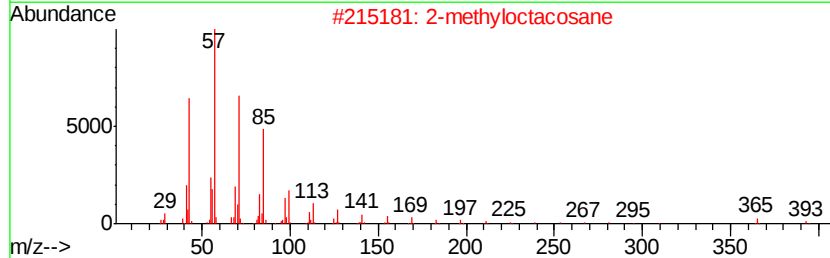
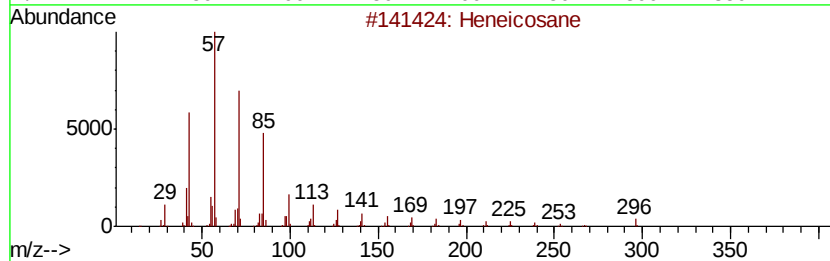
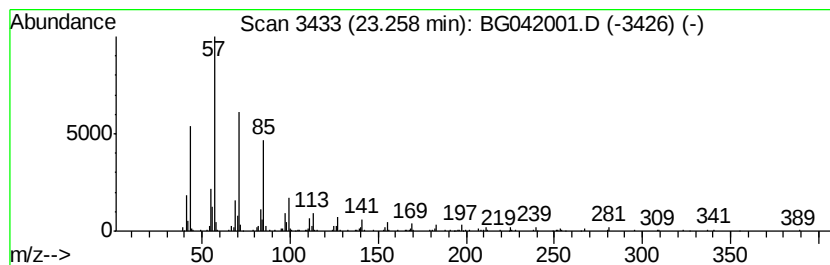
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.26 | 5.21 ng/ul | 363655 | Chrysene-d12     | 21.72 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    | Hentriacontane     | 437 | C31H64  | 000630-04-6  | 91   |
| 5    |    | Docosane           | 310 | C22H46  | 000629-97-0  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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

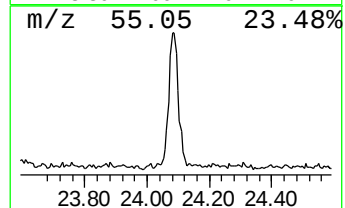
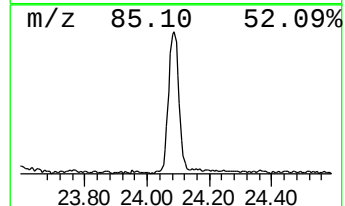
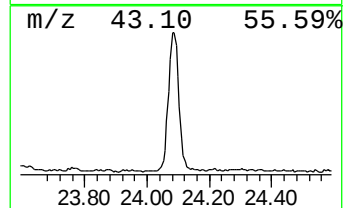
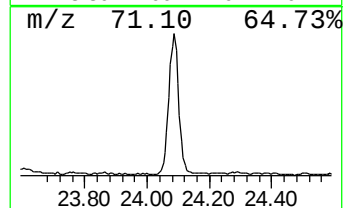
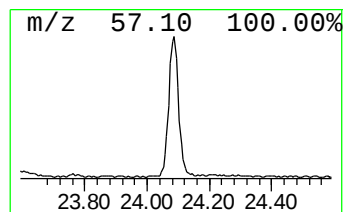
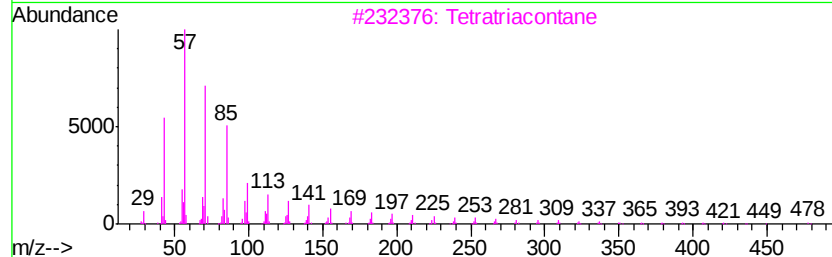
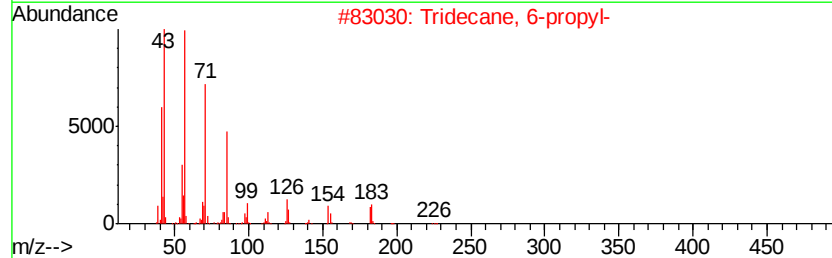
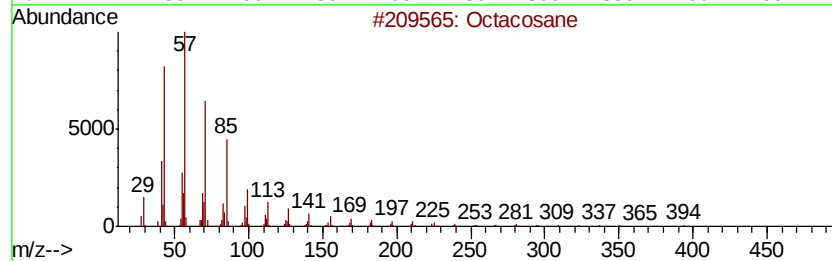
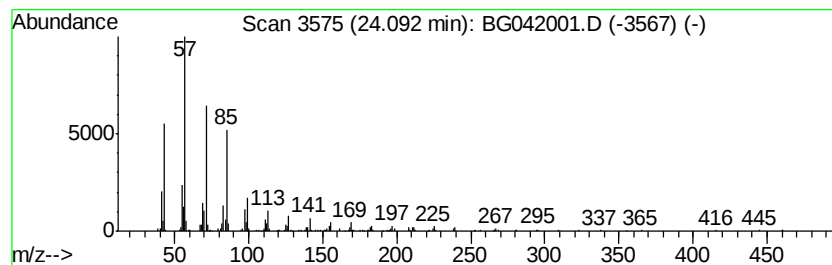
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.09 | 5.95 ng/ul | 422454 | Perylene-d12     | 24.99 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane           | 394 | C28H58  | 000630-02-4 | 94   |
| 2    |    | Tridecane, 6-propyl- | 226 | C16H34  | 055045-10-8 | 93   |
| 3    |    | Tetratriacontane     | 479 | C34H70  | 014167-59-0 | 91   |
| 4    |    | Hexacosane           | 366 | C26H54  | 000630-01-3 | 90   |
| 5    |    | Heneicosane          | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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

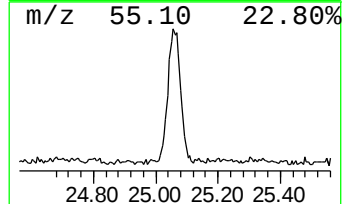
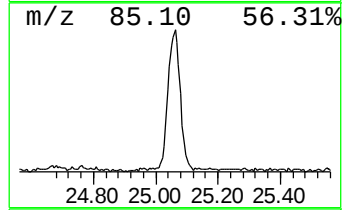
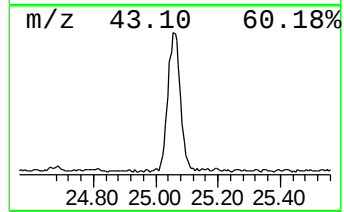
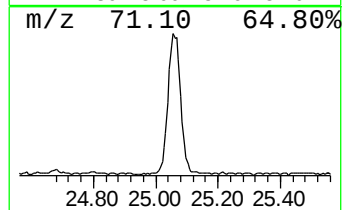
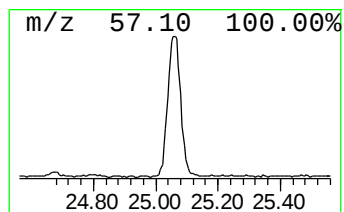
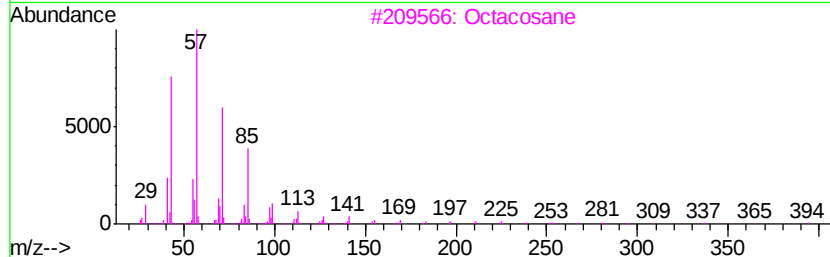
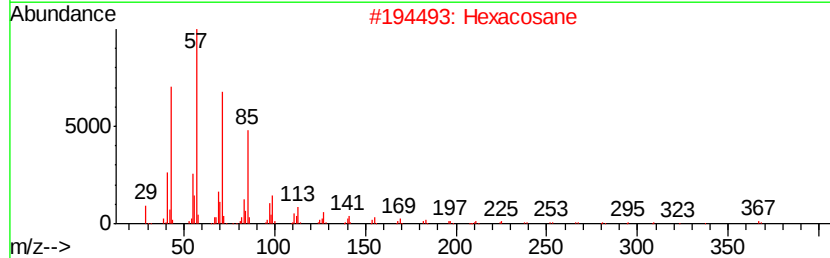
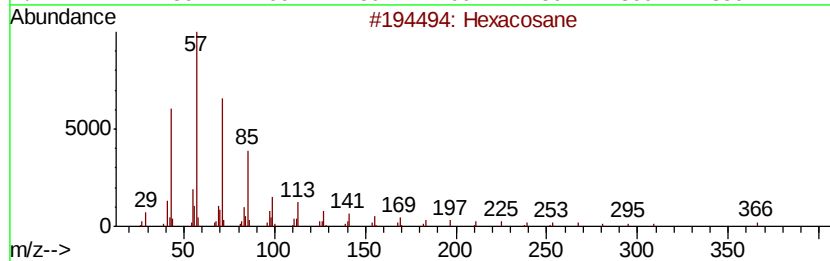
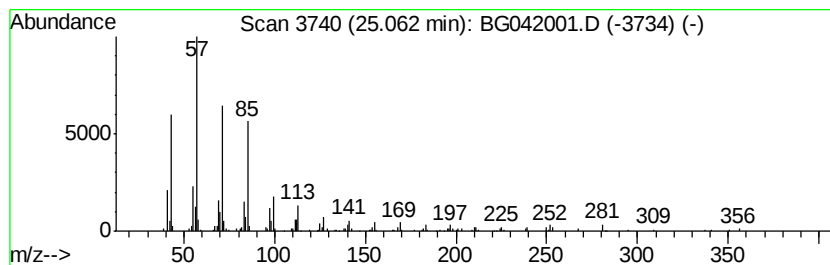
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 25.06 | 6.25 ng/ul | 443690 | Perylene-d12     | 24.99 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane        | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 90   |
| 3    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 5    |    | triacontane       | 422 | C30H62  | 000638-68-6 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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

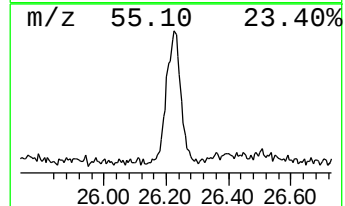
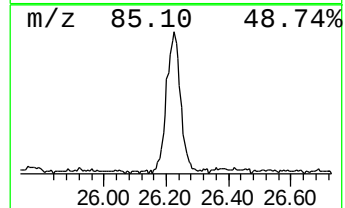
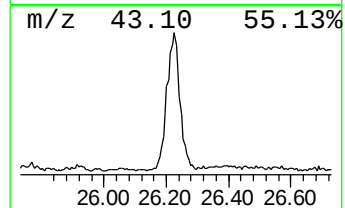
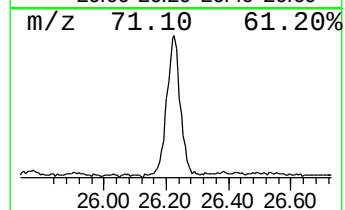
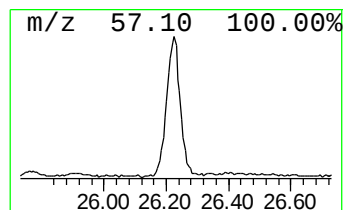
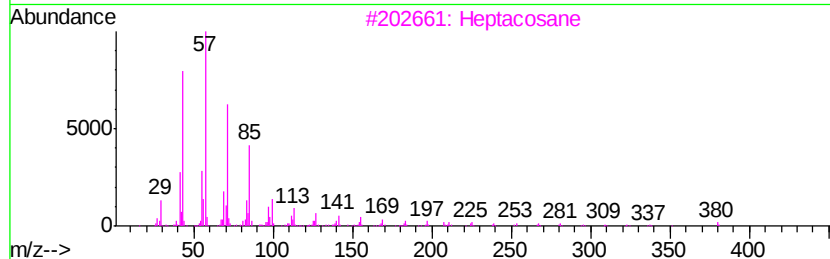
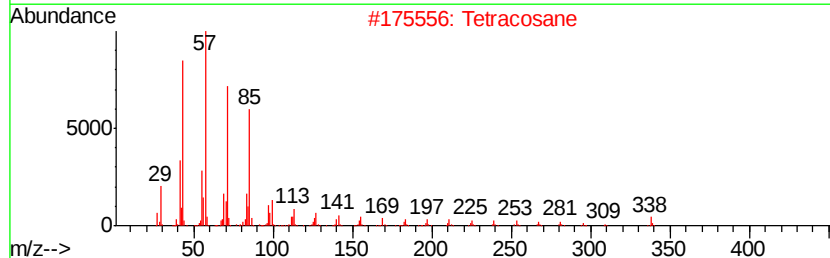
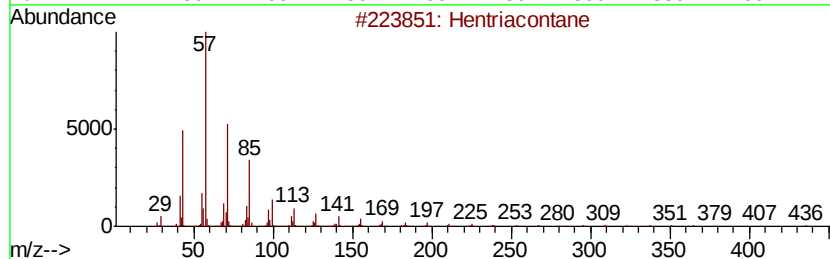
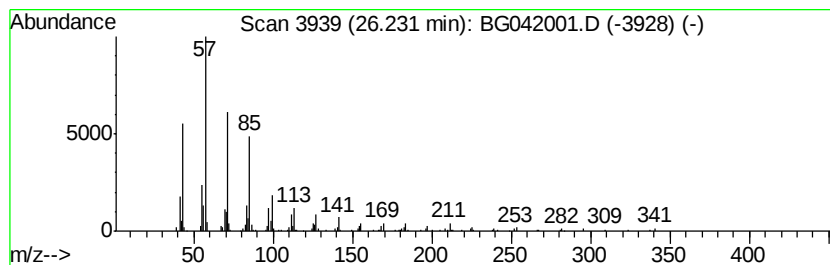
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 26.23 | 5.48 ng/ul | 388928 | Perylene-d12     | 24.99 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Hentriacontane    | 437 | C31H64  | 000630-04-6 | 91   |
| 2    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    | Heptacosane       | 380 | C27H56  | 000593-49-7 | 90   |
| 4    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 5    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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

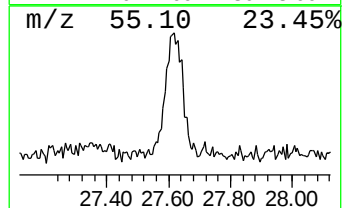
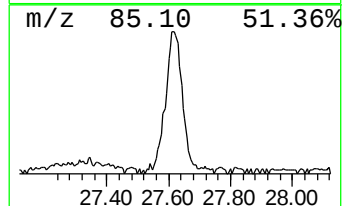
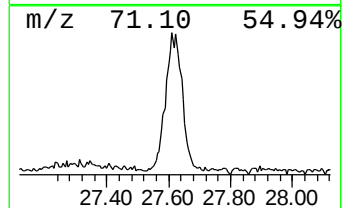
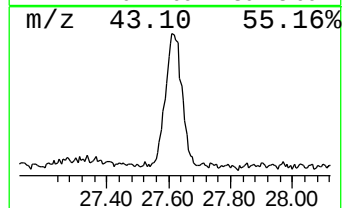
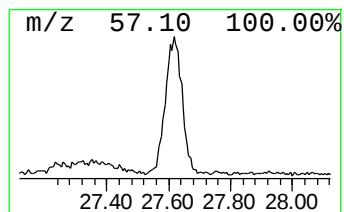
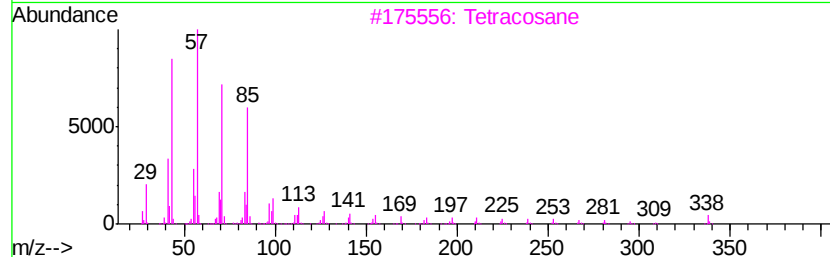
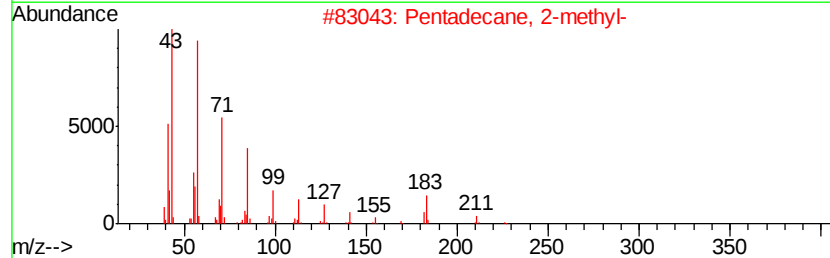
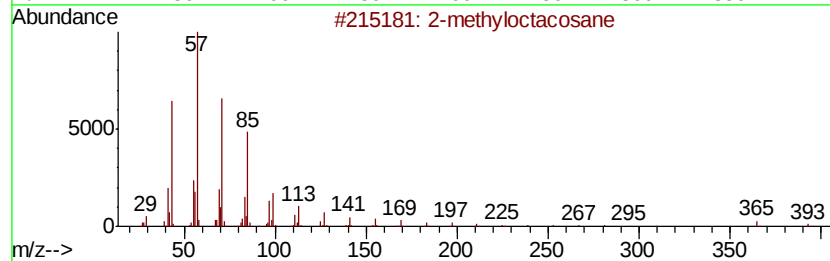
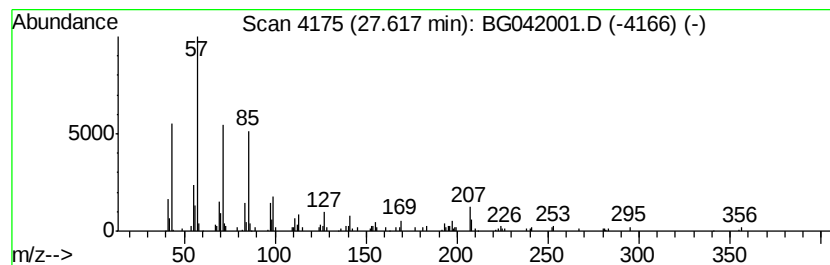
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 27.62 | 3.34 ng/ul | 237292 | Perylene-d12     | 24.99 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 83   |
| 2    |    | Pentadecane, 2-methyl- | 226 | C16H34  | 001560-93-6  | 81   |
| 3    |    | Tetracosane            | 338 | C24H50  | 000646-31-1  | 80   |
| 4    |    | 6,6-Diethyloctadecane  | 310 | C22H46  | 1000360-41-8 | 80   |
| 5    |    | Octacosane             | 394 | C28H58  | 000630-02-4  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080619\  
Data File : BG042001.D  
Acq On : 6 Aug 2019 17:10  
Operator : HP/JU  
Sample : K4028-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BENZ9

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... | 3.15  | 118.3   | ng/ul | 1786910  | 1                     | 8.03  | 302122  | 20.0 |
| Oxalic acid, isob... | 21.37 | 2.6     | ng/ul | 183524   | 5                     | 21.72 | 1396020 | 20.0 |
| (DEL) Alkane: Str... | 22.55 | 3.1     | ng/ul | 214366   | 5                     | 21.72 | 1396020 | 20.0 |
| (DEL) Alkane: Str... | 23.26 | 5.2     | ng/ul | 363655   | 5                     | 21.72 | 1396020 | 20.0 |
| (DEL) Alkane: Str... | 24.09 | 6.0     | ng/ul | 422454   | 6                     | 24.99 | 1419500 | 20.0 |
| (DEL) Alkane: Str... | 25.06 | 6.3     | ng/ul | 443690   | 6                     | 24.99 | 1419500 | 20.0 |
| (DEL) Alkane: Str... | 26.23 | 5.5     | ng/ul | 388928   | 6                     | 24.99 | 1419500 | 20.0 |
| (DEL) Alkane: Str... | 27.62 | 3.3     | ng/ul | 237292   | 6                     | 24.99 | 1419500 | 20.0 |