

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\  
 Data File : BN012598.D  
 Acq On : 18 Nov 2020 17:42  
 Operator : CG/JU  
 Sample : PB133003BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK03

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.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      | 2.640    | 21         | 26       | 36        | rVV   | 115227      | 213068     | 4.48%        | 0.410%     |
| 2      | 2.722    | 36         | 40       | 46        | rVB2  | 47054       | 62800      | 1.32%        | 0.121%     |
| 3      | 2.981    | 80         | 84       | 91        | rVB   | 62580       | 86341      | 1.81%        | 0.166%     |
| 4      | 3.693    | 202        | 205      | 209       | rVB4  | 12513       | 14658      | 0.31%        | 0.028%     |
| 5      | 4.157    | 279        | 284      | 288       | rVB7  | 5828        | 10064      | 0.21%        | 0.019%     |
| 6      | 6.634    | 698        | 705      | 718       | rBV   | 943318      | 1446542    | 30.39%       | 2.781%     |
| 7      | 6.799    | 727        | 733      | 745       | rBV   | 673994      | 1047199    | 22.00%       | 2.013%     |
| 8      | 6.981    | 758        | 764      | 777       | rBV   | 1009756     | 1571314    | 33.01%       | 3.021%     |
| 9      | 7.446    | 834        | 843      | 854       | rBV   | 592817      | 919080     | 19.31%       | 1.767%     |
| 10     | 8.157    | 958        | 964      | 978       | rBV   | 1081249     | 1722576    | 36.19%       | 3.312%     |
| 11     | 8.598    | 1032       | 1039     | 1050      | rBV   | 874028      | 1455869    | 30.59%       | 2.799%     |
| 12     | 9.310    | 1152       | 1160     | 1173      | rBV   | 808311      | 1322000    | 27.78%       | 2.542%     |
| 13     | 9.840    | 1244       | 1250     | 1264      | rBV   | 1063852     | 1815789    | 38.15%       | 3.491%     |
| 14     | 10.216   | 1305       | 1314     | 1324      | rBV   | 746755      | 1246702    | 26.19%       | 2.397%     |
| 15     | 10.363   | 1330       | 1339     | 1356      | rBV   | 1126894     | 2000237    | 42.02%       | 3.846%     |
| 16     | 11.816   | 1581       | 1586     | 1590      | rBV3  | 9932        | 19171      | 0.40%        | 0.037%     |
| 17     | 13.528   | 1870       | 1877     | 1890      | rBV   | 2056827     | 2804159    | 58.92%       | 5.391%     |
| 18     | 13.792   | 1916       | 1922     | 1934      | rBV   | 2271147     | 3234367    | 67.95%       | 6.219%     |
| 19     | 14.104   | 1969       | 1975     | 1982      | rBV2  | 1173701     | 1703086    | 35.78%       | 3.274%     |
| 20     | 14.322   | 2006       | 2012     | 2029      | rBV   | 739321      | 1315518    | 27.64%       | 2.529%     |
| 21     | 15.104   | 2139       | 2145     | 2158      | rVV   | 2768806     | 3892514    | 81.78%       | 7.484%     |
| 22     | 15.239   | 2162       | 2168     | 2182      | rVV   | 1012348     | 1487905    | 31.26%       | 2.861%     |
| 23     | 15.345   | 2182       | 2186     | 2194      | rVB3  | 36474       | 53190      | 1.12%        | 0.102%     |
| 24     | 15.892   | 2273       | 2279     | 2283      | rBV6  | 11090       | 14574      | 0.31%        | 0.028%     |
| 25     | 16.645   | 2404       | 2407     | 2410      | rVB4  | 6874        | 6211       | 0.13%        | 0.012%     |
| 26     | 16.857   | 2437       | 2443     | 2453      | rBV   | 1454439     | 1983491    | 41.67%       | 3.814%     |
| 27     | 16.957   | 2454       | 2460     | 2476      | rVB   | 3027262     | 4133086    | 86.84%       | 7.947%     |
| 28     | 17.774   | 2593       | 2599     | 2607      | rBV5  | 41704       | 74451      | 1.56%        | 0.143%     |
| 29     | 17.916   | 2620       | 2623     | 2626      | rVB4  | 5293        | 5306       | 0.11%        | 0.010%     |
| 30     | 18.092   | 2649       | 2653     | 2657      | rBV7  | 3941        | 6348       | 0.13%        | 0.012%     |
| 31     | 18.304   | 2688       | 2689     | 2694      | rVB4  | 7039        | 7501       | 0.16%        | 0.014%     |
| 32     | 18.845   | 2774       | 2781     | 2785      | rBV9  | 8895        | 18967      | 0.40%        | 0.036%     |
| 33     | 18.898   | 2785       | 2790     | 2795      | rVV   | 28629       | 41340      | 0.87%        | 0.079%     |
| 34     | 18.986   | 2801       | 2805     | 2808      | rBV6  | 6490        | 9475       | 0.20%        | 0.018%     |

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Filtering: 5  
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Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 19.068 | 2816 | 2819 | 2825 | rVV7 | 25044   | 39586   | 0.83%   | 0.076% |
| 36 | 19.151 | 2829 | 2833 | 2840 | rVB2 | 27566   | 42262   | 0.89%   | 0.081% |
| 37 | 19.263 | 2846 | 2852 | 2865 | rBV2 | 3457238 | 4759653 | 100.00% | 9.151% |
| 38 | 19.445 | 2881 | 2883 | 2886 | rBV3 | 5921    | 7021    | 0.15%   | 0.013% |
| 39 | 19.474 | 2886 | 2888 | 2892 | rBV3 | 5996    | 9886    | 0.21%   | 0.019% |
| 40 | 19.921 | 2963 | 2964 | 2967 | rBV3 | 10780   | 10985   | 0.23%   | 0.021% |
| 41 | 20.762 | 3102 | 3107 | 3111 | rBV2 | 82248   | 144688  | 3.04%   | 0.278% |
| 42 | 20.815 | 3112 | 3116 | 3121 | rBV  | 125340  | 168288  | 3.54%   | 0.324% |
| 43 | 20.868 | 3121 | 3125 | 3130 | rBV  | 358116  | 481034  | 10.11%  | 0.925% |
| 44 | 21.068 | 3154 | 3159 | 3166 | rBV  | 1762114 | 2289694 | 48.11%  | 4.402% |
| 45 | 21.198 | 3178 | 3181 | 3187 | rBV2 | 90346   | 116249  | 2.44%   | 0.224% |
| 46 | 22.104 | 3332 | 3335 | 3344 | rVB2 | 124888  | 151401  | 3.18%   | 0.291% |
| 47 | 22.580 | 3412 | 3416 | 3421 | rVB2 | 188430  | 244479  | 5.14%   | 0.470% |
| 48 | 23.062 | 3491 | 3498 | 3503 | rBV  | 2670949 | 4741417 | 99.62%  | 9.116% |
| 49 | 23.192 | 3514 | 3520 | 3531 | rVB2 | 1217768 | 2234694 | 46.95%  | 4.297% |
| 50 | 23.704 | 3602 | 3607 | 3613 | rVB2 | 246799  | 436801  | 9.18%   | 0.840% |
| 51 | 24.386 | 3720 | 3723 | 3729 | rVB  | 223822  | 387837  | 8.15%   | 0.746% |

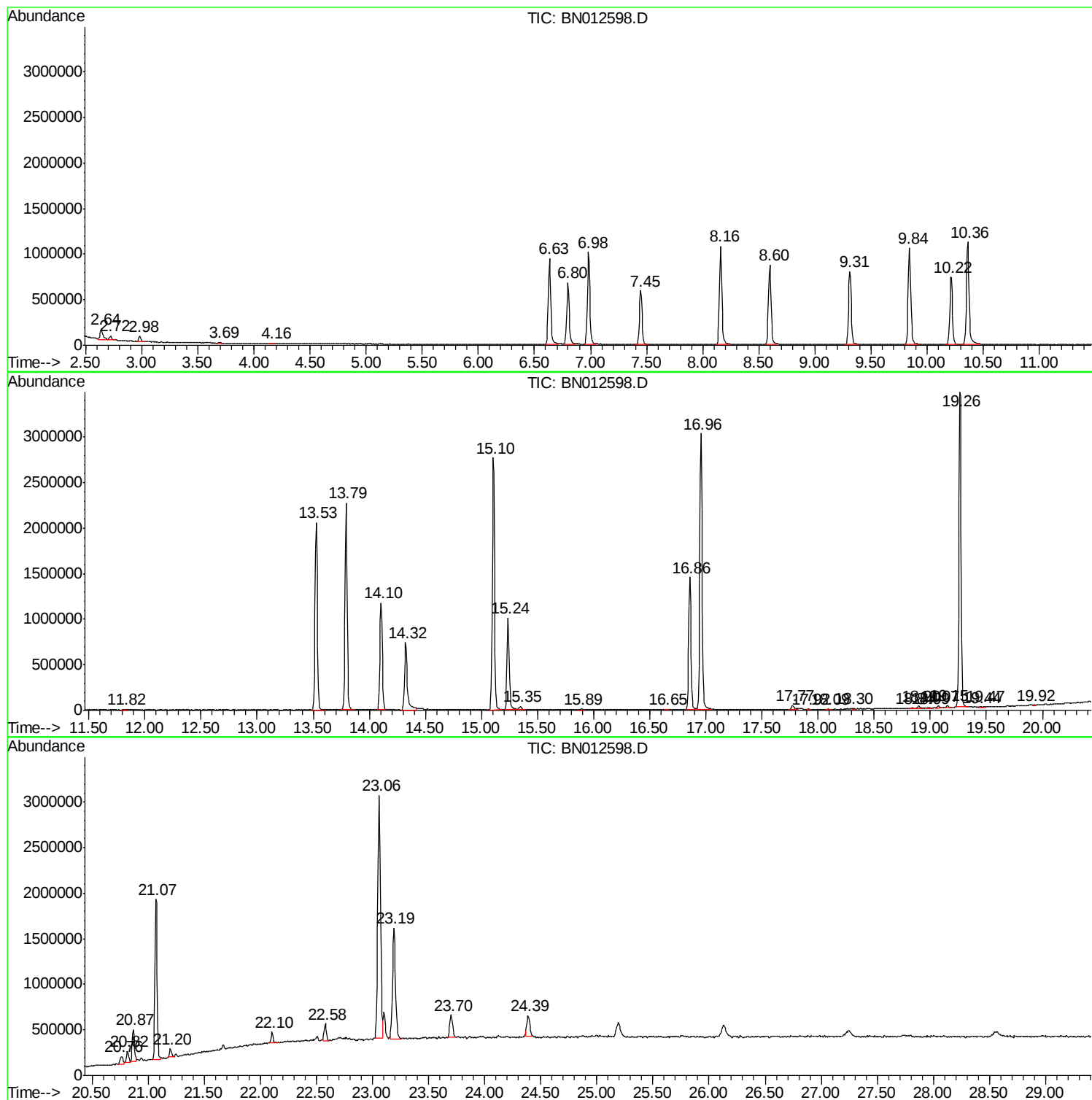
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.M  
Quant Title : SVOA CALIBRATION

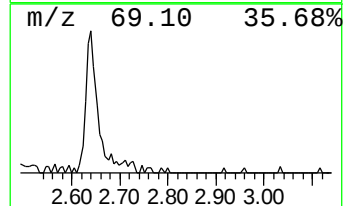
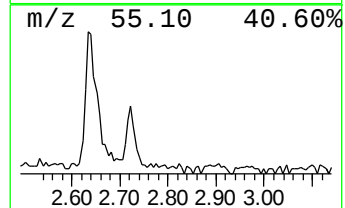
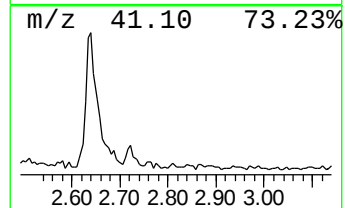
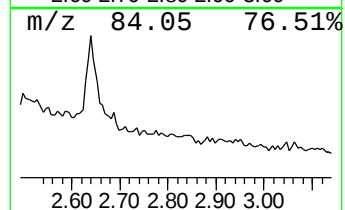
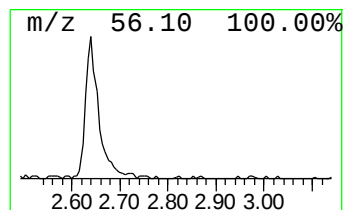
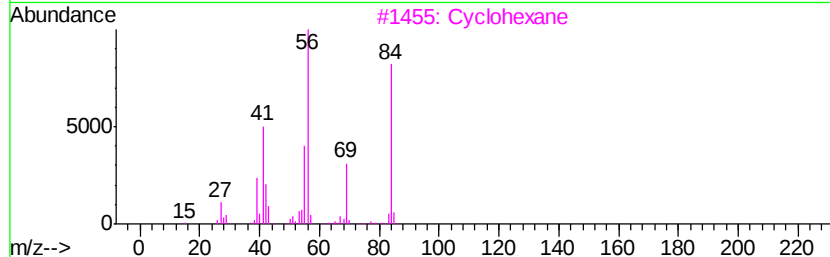
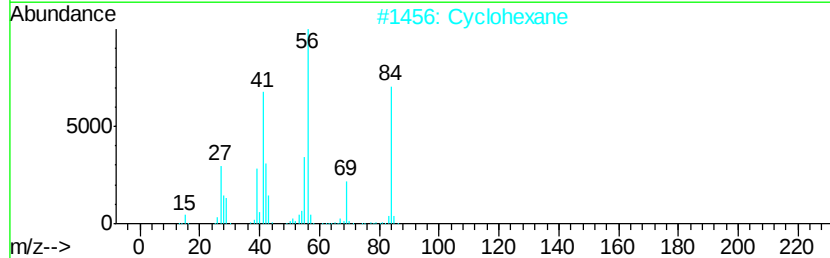
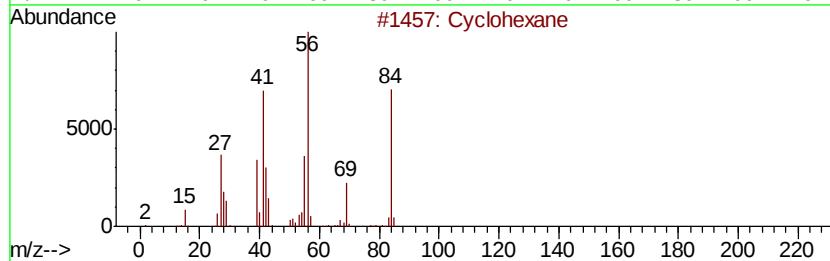
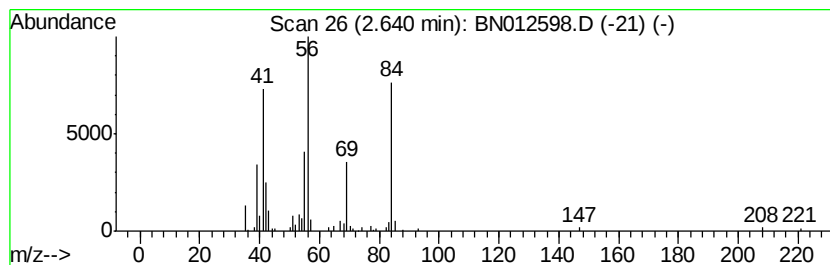
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic2.64 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.64 | 4.64 ng/ul | 213068 | 1,4-Dichlorobenzene-d4 | 7.45 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 90   |
| 2    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 90   |
| 3    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 87   |
| 4    |    |   | Cyclohexane          | 84 | C6H12   | 000110-82-7 | 80   |
| 5    |    |   | 1-Pentene, 2-methyl- | 84 | C6H12   | 000763-29-1 | 78   |



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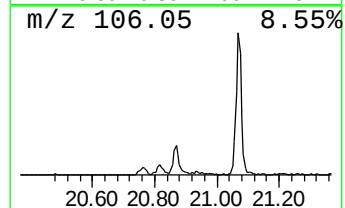
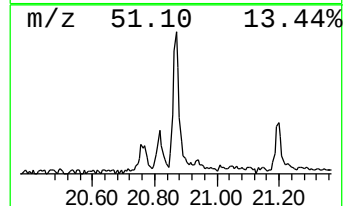
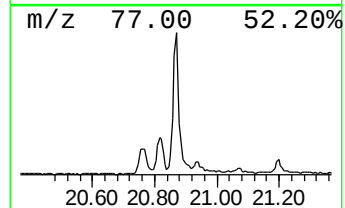
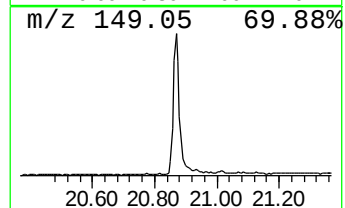
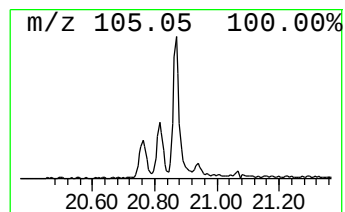
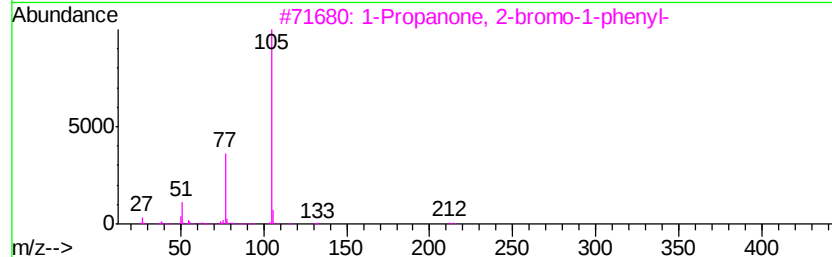
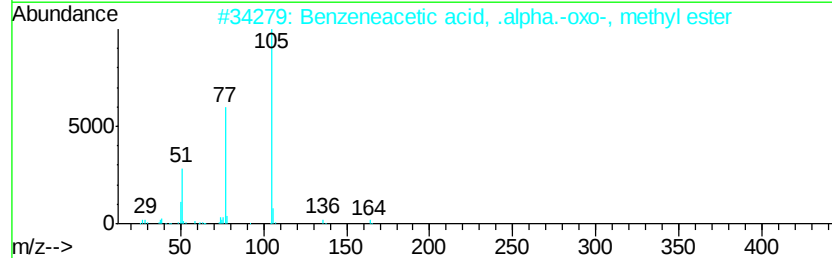
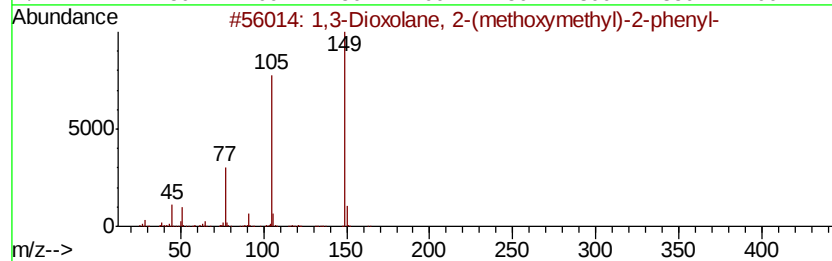
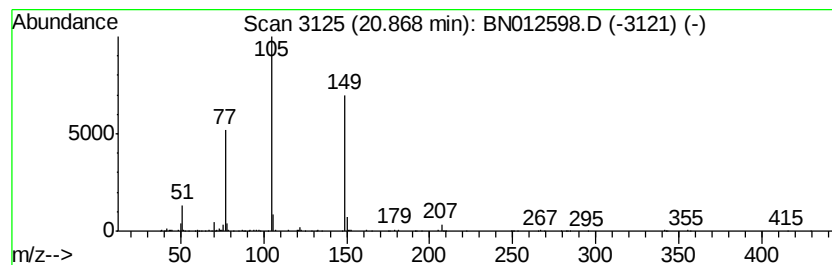
Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 20.87   | 4.20 ng/ul                          | 481034       | Chrysene-d12     | 21.07        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 1,3-Dioxolane, 2-(methoxymethyl)... | 194          | C11H14O3         | 1000156-71-2 | 59   |      |
| 2       | Benzeneacetic acid, .alpha.-oxo-... | 164          | C9H8O3           | 015206-55-0  | 43   |      |
| 3       | 1-Propanone, 2-bromo-1-phenyl-      | 212          | C9H9BrO          | 002114-00-3  | 43   |      |
| 4       | 2-Benzoyloxyacetophenone            | 240          | C15H12O3         | 004010-33-7  | 43   |      |
| 5       | Benzeneacetic acid, .alpha.-oxo-... | 164          | C9H8O3           | 015206-55-0  | 43   |      |



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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.M  
Quant Title : SVOA CALIBRATION

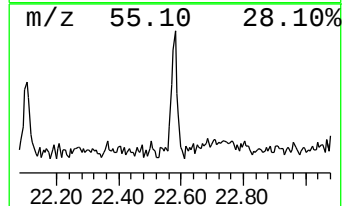
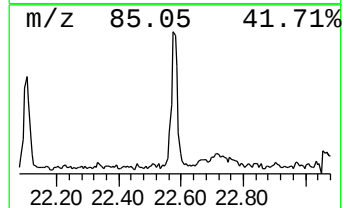
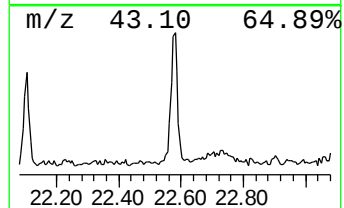
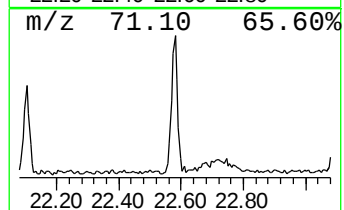
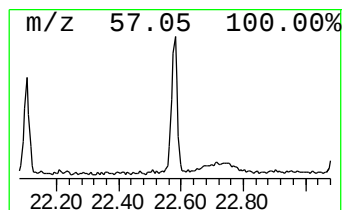
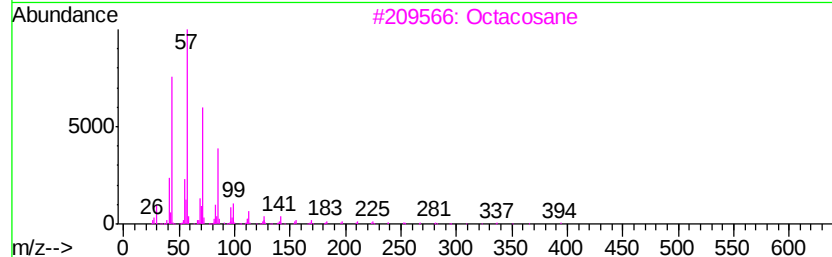
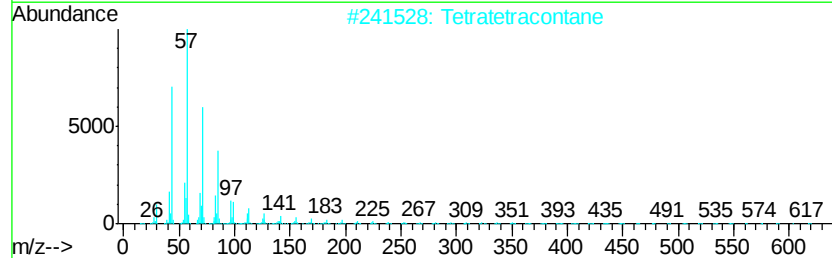
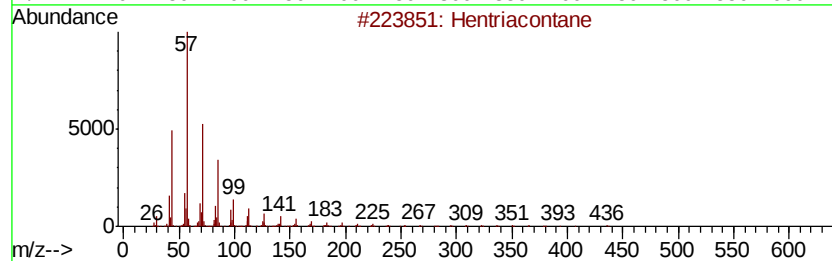
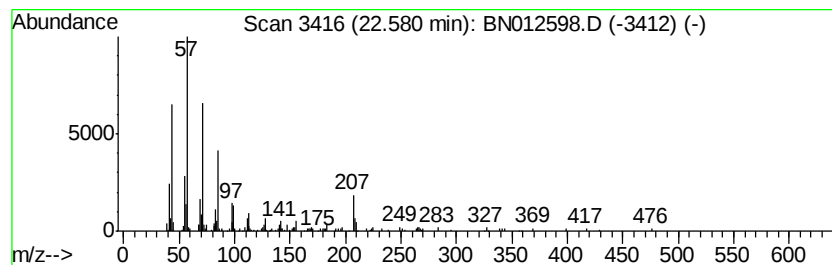
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.58 | 2.19 ng/ul | 244479 | Perylene-d12     | 23.19 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Hentriacontane     | 437 | C31H64  | 000630-04-6  | 87   |
| 2    |    | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 87   |
| 3    |    | Octacosane         | 394 | C28H58  | 000630-02-4  | 87   |
| 4    |    | Heptacosane        | 380 | C27H56  | 000593-49-7  | 87   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 87   |



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Quant Title : SVOA CALIBRATION

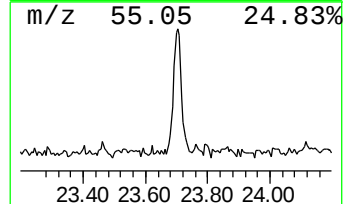
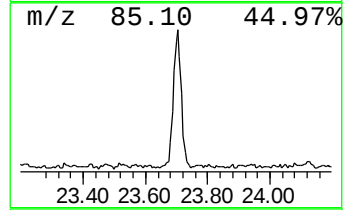
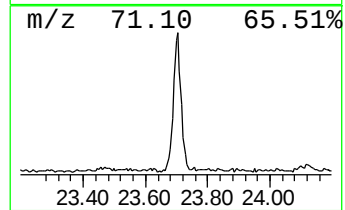
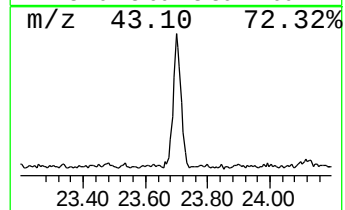
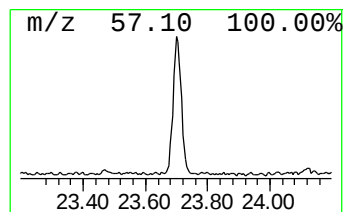
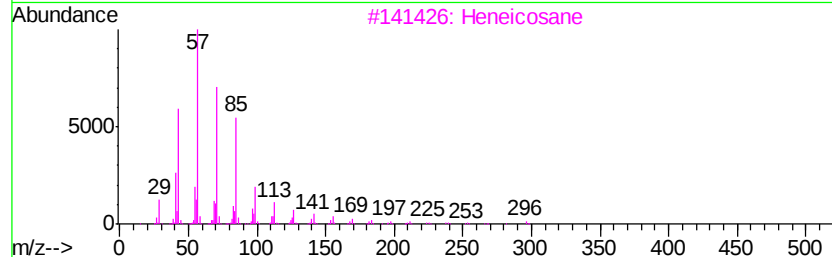
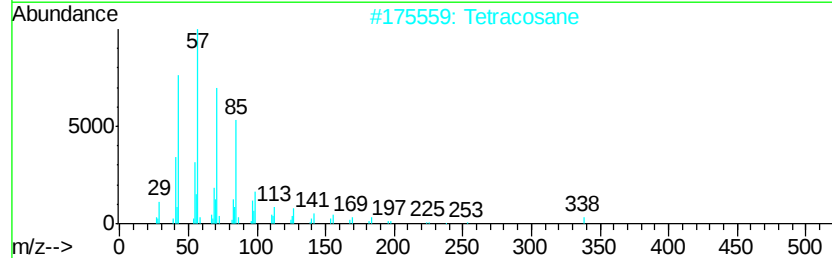
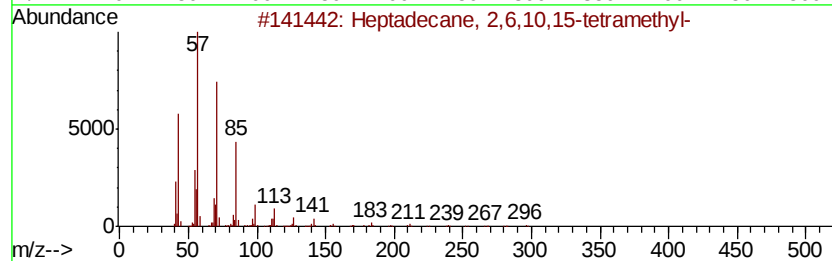
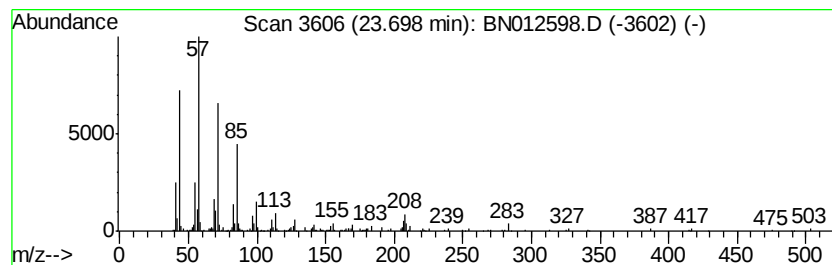
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.70 | 3.91 ng/ul | 436801 | Perylene-d12     | 23.19 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6 | 83   |
| 2    |    | Tetracosane                         | 338 | C24H50   | 000646-31-1 | 83   |
| 3    |    | Heneicosane                         | 296 | C21H44   | 000629-94-7 | 81   |
| 4    |    | Heptadecane                         | 240 | C17H36   | 000629-78-7 | 80   |
| 5    |    | 2-Bromo dodecane                    | 248 | C12H25Br | 013187-99-0 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\  
Data File : BN012598.D  
Acq On : 18 Nov 2020 17:42  
Operator : CG/JU  
Sample : PB133003BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.M  
Quant Title : SVOA CALIBRATION

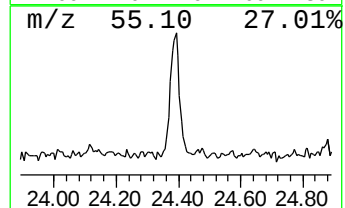
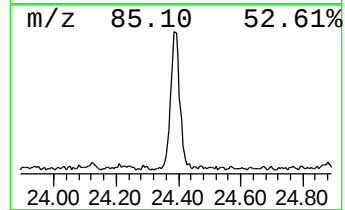
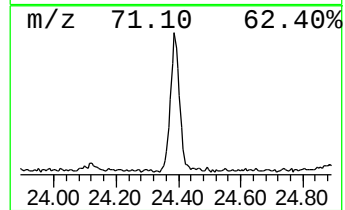
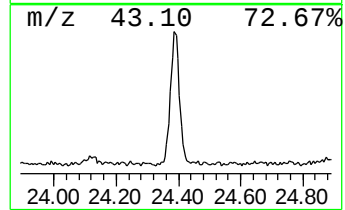
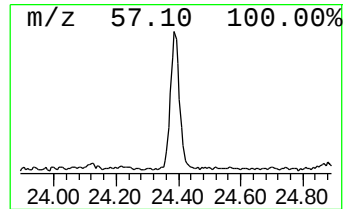
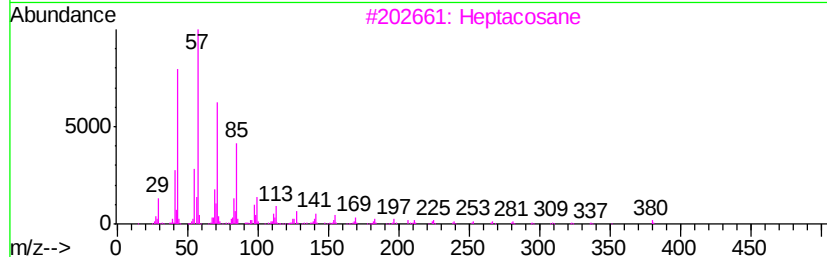
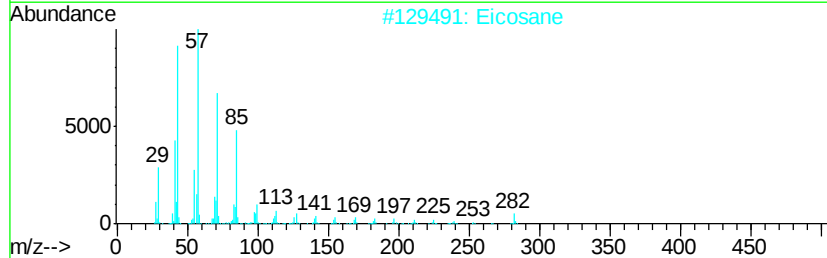
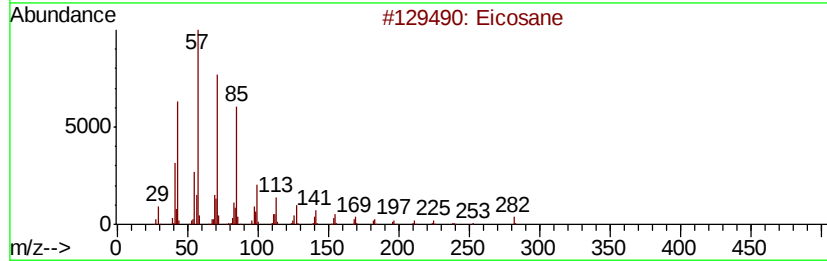
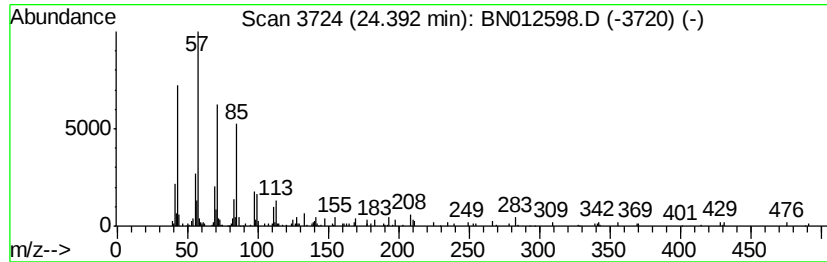
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.39 | 3.47 ng/ul | 387837 | Perylene-d12     | 23.19 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane          | 282 | C20H42  | 000112-95-8 | 89   |
| 2    |    | Eicosane          | 282 | C20H42  | 000112-95-8 | 89   |
| 3    |    | Heptacosane       | 380 | C27H56  | 000593-49-7 | 76   |
| 4    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 76   |
| 5    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111820\  
Data File : BN012598.D  
Acq On : 18 Nov 2020 17:42  
Operator : CG/JU  
Sample : PB133003BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN102220.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 |
| (DEL) Alkane: Cyc... | 2.64  | 4.6     | ng/ul | 213068   | 1                     | 7.45  | 919080  | 20.0 |
| 1,3-Dioxolane, 2-... | 20.87 | 4.2     | ng/ul | 481034   | 5                     | 21.07 | 2289690 | 20.0 |
| (DEL) Alkane: Str... | 22.58 | 2.2     | ng/ul | 244479   | 6                     | 23.19 | 2234690 | 20.0 |
| (DEL) Alkane: Str... | 23.70 | 3.9     | ng/ul | 436801   | 6                     | 23.19 | 2234690 | 20.0 |
| (DEL) Alkane: Str... | 24.39 | 3.5     | ng/ul | 387837   | 6                     | 23.19 | 2234690 | 20.0 |