

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
 Data File : BN009556.D  
 Acq On : 04 Feb 2020 10:14  
 Operator : CG/JU  
 Sample : PB126557BL  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK57

## 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-BN020320MA.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         | 3.070       | 11            | 14          | 24           | rVB      | 60054          | 86068         | 2.01%           | 0.188%        |
| 2         | 3.764       | 126           | 132         | 134          | rBV4     | 7167           | 12465         | 0.29%           | 0.027%        |
| 3         | 3.970       | 161           | 167         | 176          | rBV      | 96580          | 133881        | 3.12%           | 0.292%        |
| 4         | 4.046       | 178           | 180         | 187          | rVB6     | 2936           | 4728          | 0.11%           | 0.010%        |
| 5         | 4.364       | 229           | 234         | 241          | rBV      | 71635          | 101285        | 2.36%           | 0.221%        |
| 6         | 6.628       | 613           | 619         | 631          | rBV      | 937471         | 1453899       | 33.92%          | 3.169%        |
| 7         | 6.787       | 640           | 646         | 661          | rVB      | 672405         | 1016682       | 23.72%          | 2.216%        |
| 8         | 6.975       | 671           | 678         | 691          | rVB      | 924719         | 1427739       | 33.31%          | 3.112%        |
| 9         | 7.434       | 749           | 756         | 767          | rVB      | 617357         | 955055        | 22.28%          | 2.082%        |
| 10        | 8.146       | 870           | 877         | 893          | rBV      | 1037115        | 1656178       | 38.64%          | 3.610%        |
| 11        | 8.575       | 943           | 950         | 963          | rBV      | 894258         | 1425296       | 33.25%          | 3.107%        |
| 12        | 9.287       | 1065          | 1071        | 1089         | rVB      | 724109         | 1174211       | 27.39%          | 2.560%        |
| 13        | 9.816       | 1155          | 1161        | 1174         | rBV      | 964560         | 1649317       | 38.48%          | 3.595%        |
| 14        | 10.187      | 1217          | 1224        | 1232         | rVB      | 799761         | 1305187       | 30.45%          | 2.845%        |
| 15        | 10.334      | 1241          | 1249        | 1262         | rBV      | 940689         | 1700578       | 39.67%          | 3.707%        |
| 16        | 11.793      | 1492          | 1497        | 1505         | rBV3     | 10764          | 20766         | 0.48%           | 0.045%        |
| 17        | 13.081      | 1712          | 1716        | 1719         | rBV3     | 2810           | 4386          | 0.10%           | 0.010%        |
| 18        | 13.498      | 1781          | 1787        | 1798         | rBV      | 1615944        | 2263291       | 52.80%          | 4.934%        |
| 19        | 13.763      | 1825          | 1832        | 1845         | rBV      | 1921859        | 2717923       | 63.41%          | 5.925%        |
| 20        | 14.075      | 1878          | 1885        | 1900         | rVB      | 1169163        | 1672273       | 39.01%          | 3.645%        |
| 21        | 14.304      | 1918          | 1924        | 1939         | rBV      | 799877         | 1271041       | 29.65%          | 2.771%        |
| 22        | 14.398      | 1939          | 1940        | 1946         | rVB3     | 5333           | 7647          | 0.18%           | 0.017%        |
| 23        | 15.075      | 2049          | 2055        | 2065         | rBV      | 2289103        | 3316090       | 77.36%          | 7.228%        |
| 24        | 15.222      | 2074          | 2080        | 2092         | rBV      | 825924         | 1213621       | 28.31%          | 2.645%        |
| 25        | 15.316      | 2094          | 2096        | 2101         | rVB2     | 25391          | 31327         | 0.73%           | 0.068%        |
| 26        | 15.869      | 2186          | 2190        | 2194         | rBV4     | 6002           | 8809          | 0.21%           | 0.019%        |
| 27        | 16.622      | 2314          | 2318        | 2322         | rBV2     | 7221           | 8817          | 0.21%           | 0.019%        |
| 28        | 16.722      | 2329          | 2335        | 2338         | rVB3     | 4427           | 6377          | 0.15%           | 0.014%        |
| 29        | 16.828      | 2347          | 2353        | 2364         | rBV      | 1373229        | 1967854       | 45.91%          | 4.290%        |
| 30        | 16.928      | 2364          | 2370        | 2381         | rBV2     | 2431998        | 3251245       | 75.85%          | 7.087%        |
| 31        | 17.828      | 2519          | 2523        | 2527         | rVB5     | 3783           | 6176          | 0.14%           | 0.013%        |
| 32        | 18.069      | 2558          | 2564        | 2568         | rBV5     | 9154           | 17645         | 0.41%           | 0.038%        |
| 33        | 18.645      | 2657          | 2662        | 2667         | rBV5     | 18996          | 30204         | 0.70%           | 0.066%        |
| 34        | 18.869      | 2696          | 2700        | 2710         | rBV2     | 27574          | 40407         | 0.94%           | 0.088%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

## 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-BN020320MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 18.969 | 2714 | 2717 | 2719 | rVB4 | 6323    | 6747    | 0.16%   | 0.015% |
| 36 | 19.122 | 2739 | 2743 | 2748 | rBV2 | 25100   | 33200   | 0.77%   | 0.072% |
| 37 | 19.233 | 2753 | 2762 | 2769 | rBV  | 3145021 | 4205508 | 98.11%  | 9.167% |
| 38 | 20.263 | 2935 | 2937 | 2943 | rBV5 | 16637   | 26285   | 0.61%   | 0.057% |
| 39 | 21.045 | 3065 | 3070 | 3078 | rBV  | 1828106 | 2308509 | 53.85%  | 5.032% |
| 40 | 22.563 | 3325 | 3328 | 3332 | rVB  | 110413  | 140310  | 3.27%   | 0.306% |
| 41 | 23.027 | 3400 | 3407 | 3414 | rBV  | 2565963 | 4286570 | 100.00% | 9.344% |
| 42 | 23.086 | 3414 | 3417 | 3422 | rVV  | 180037  | 275061  | 6.42%   | 0.600% |
| 43 | 23.157 | 3423 | 3429 | 3436 | rVB  | 1376724 | 2335980 | 54.50%  | 5.092% |
| 44 | 23.680 | 3514 | 3518 | 3527 | rVB2 | 176700  | 299109  | 6.98%   | 0.652% |

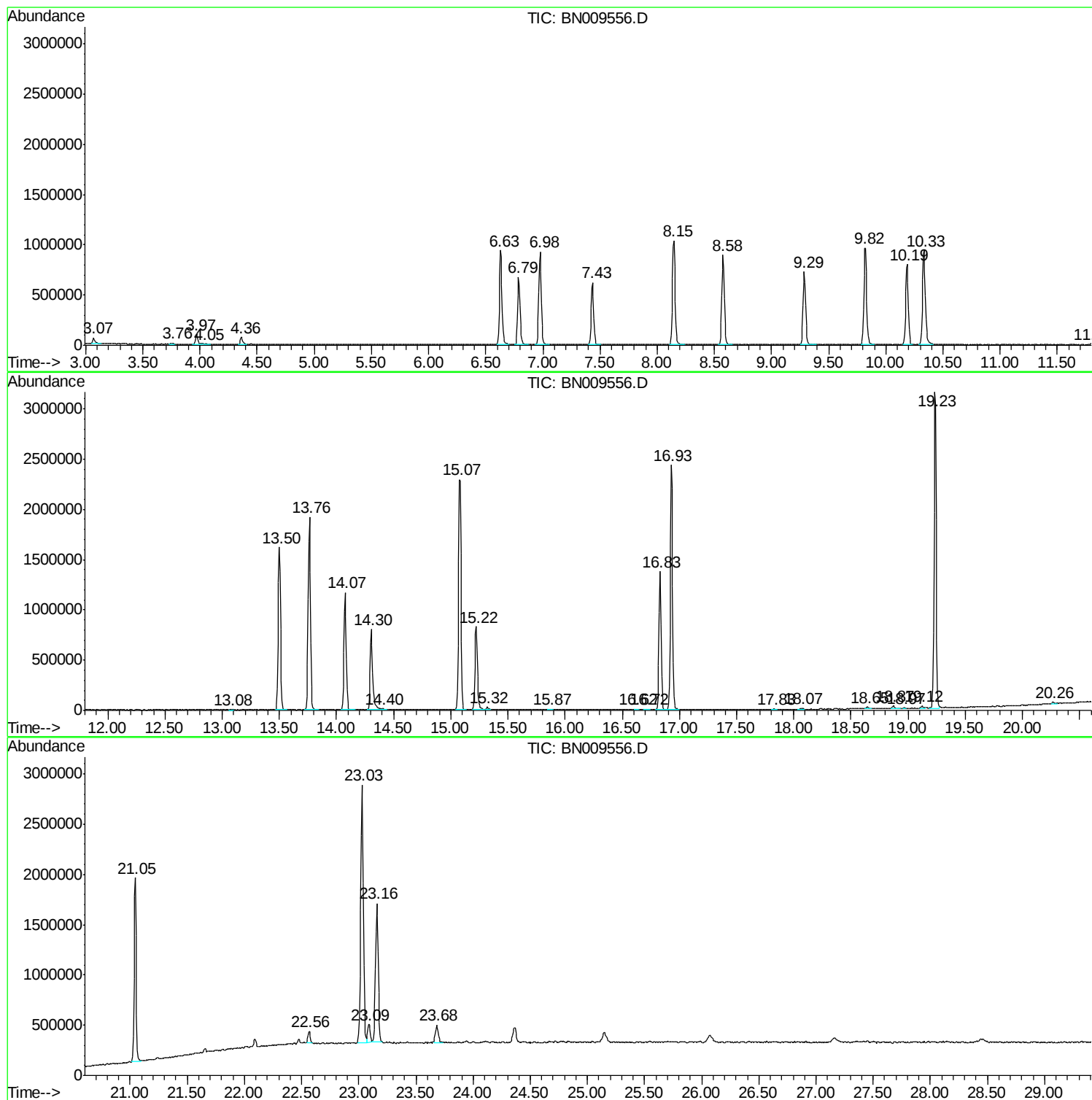
Sum of corrected areas: 45875747

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

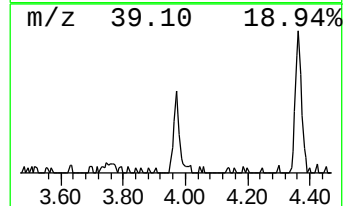
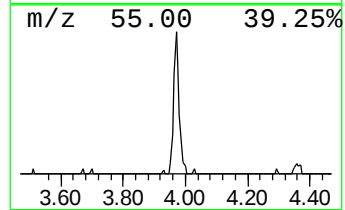
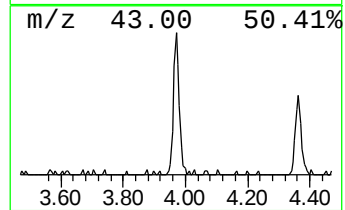
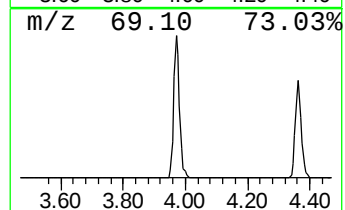
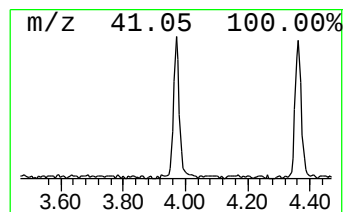
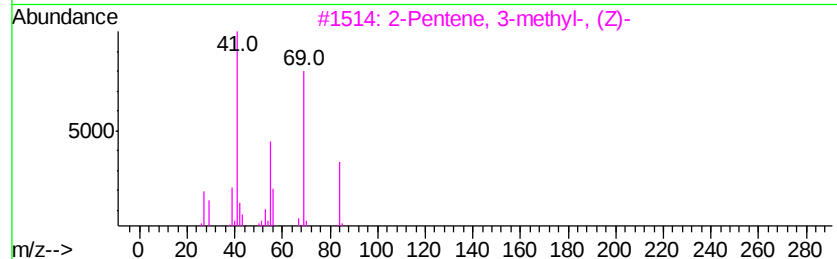
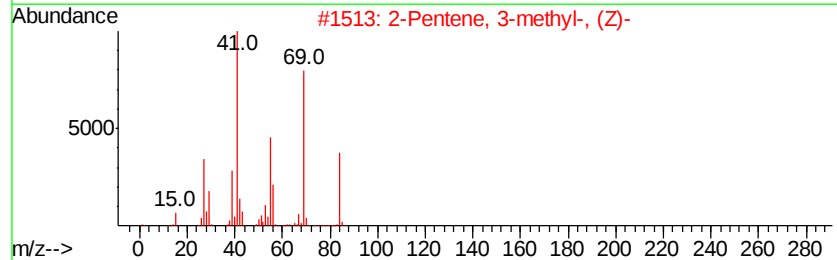
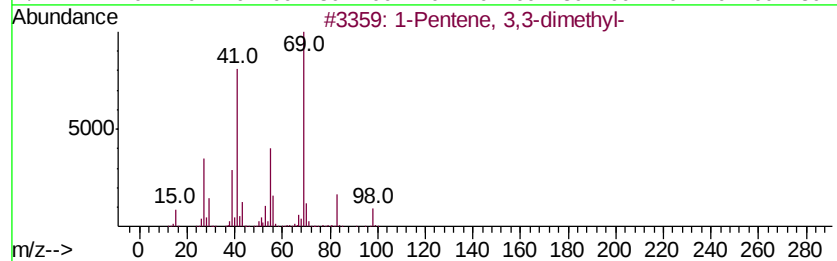
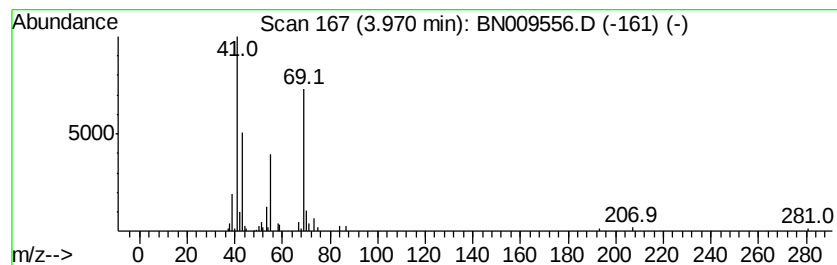
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.97 | 2.80 ng/ul | 133881 | 1,4-Dichlorobenzene-d4 | 7.43 |

| Hit# | of | 5 | Tentative ID               | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|----|---------|-------------|------|
| 1    |    |   | 1-Pentene, 3,3-dimethyl-   | 98 | C7H14   | 003404-73-7 | 72   |
| 2    |    |   | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12   | 000922-62-3 | 64   |
| 3    |    |   | 2-Pentene, 3-methyl-, (Z)- | 84 | C6H12   | 000922-62-3 | 59   |
| 4    |    |   | 2-Butene, 2,3-dimethyl-    | 84 | C6H12   | 000563-79-1 | 47   |
| 5    |    |   | 2-Pentene, 3-methyl-, (E)- | 84 | C6H12   | 000616-12-6 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

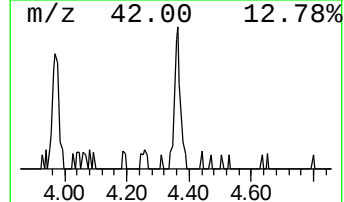
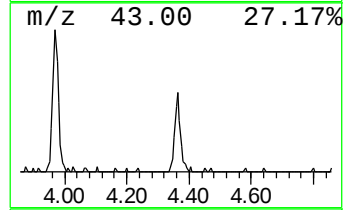
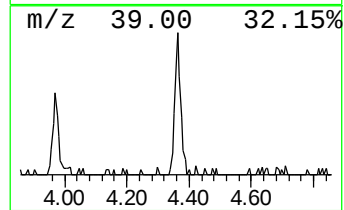
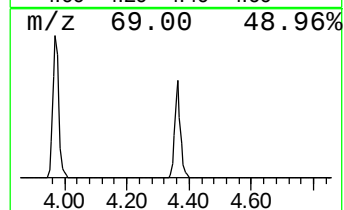
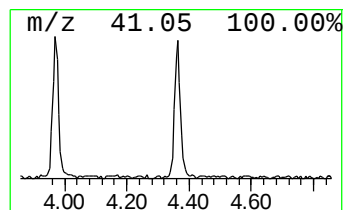
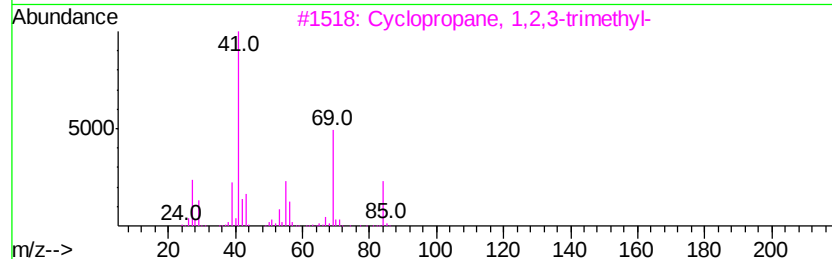
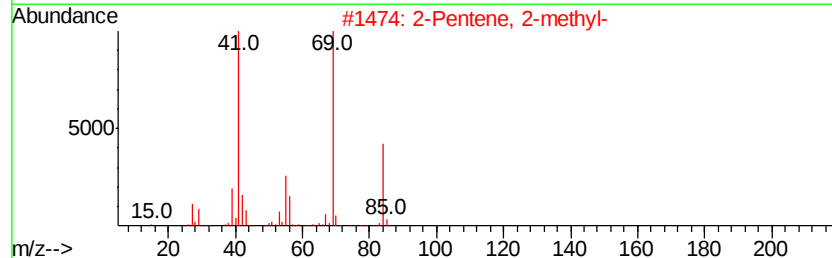
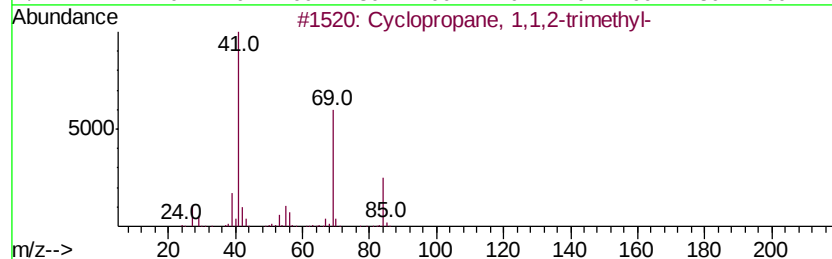
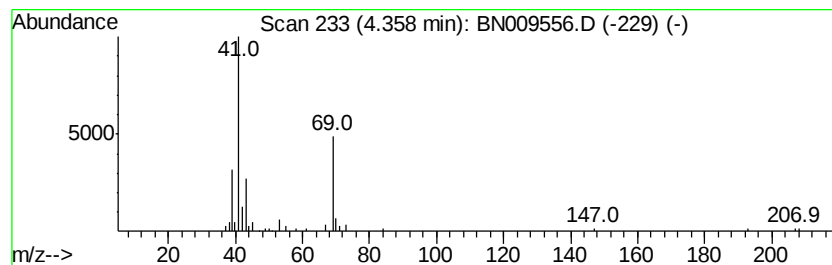
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic4.36 Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.36 | 2.12 ng/ul | 101285 | 1,4-Dichlorobenzene-d4 | 7.43 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | Cyclopropane, 1,1,2-trimethyl- | 84  | C6H12    | 004127-45-1 | 53   |
| 2    |    | 2-Pentene, 2-methyl-           | 84  | C6H12    | 000625-27-4 | 40   |
| 3    |    | Cyclopropane, 1,2,3-trimethyl- | 84  | C6H12    | 042984-19-0 | 33   |
| 4    |    | Cyclopropane, 1,1,2-trimethyl- | 84  | C6H12    | 004127-45-1 | 33   |
| 5    |    | Butane, 2,3-dimethyl-2-nitro-  | 131 | C6H13NO2 | 034075-28-0 | 32   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

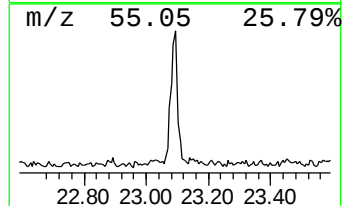
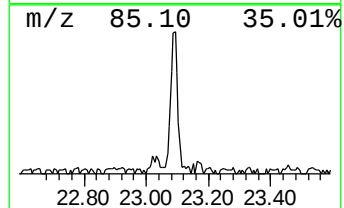
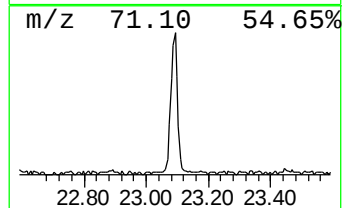
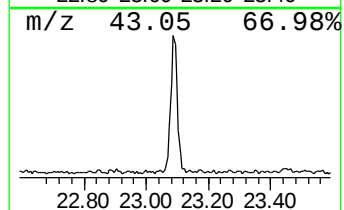
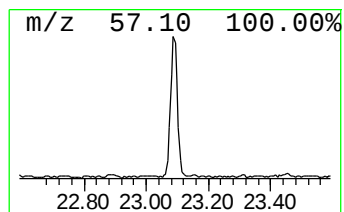
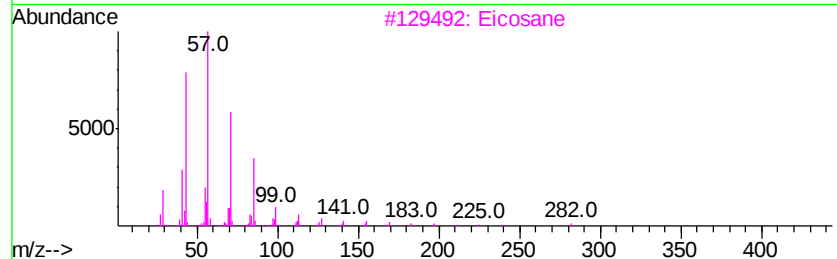
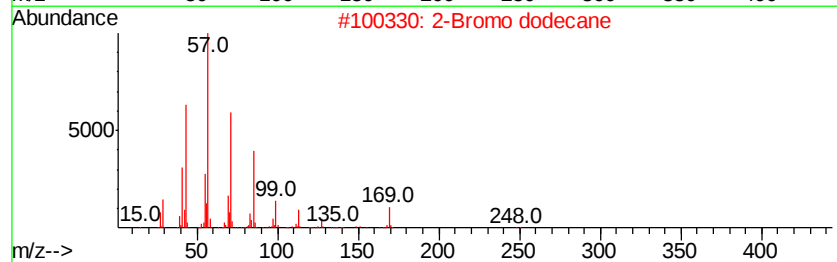
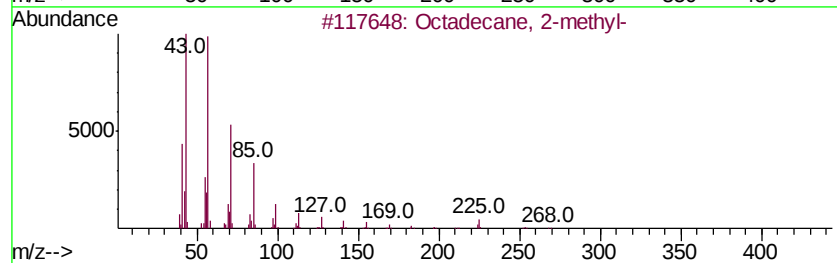
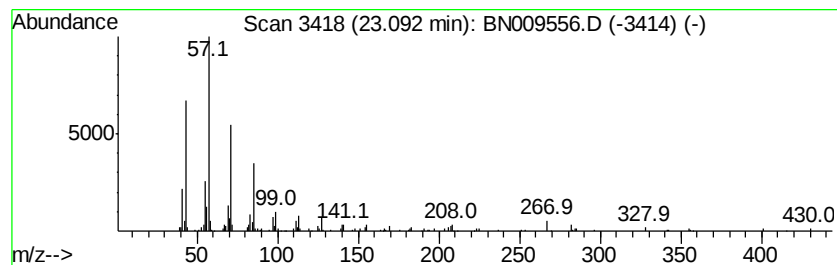
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.09 | 2.35 ng/ul | 275061 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecane, 2-methyl- | 268 | C19H40   | 001560-88-9 | 89   |
| 2    |    | 2-Bromo dodecane      | 248 | C12H25Br | 013187-99-0 | 74   |
| 3    |    | Eicosane              | 282 | C20H42   | 000112-95-8 | 74   |
| 4    |    | Hentriacontane        | 437 | C31H64   | 000630-04-6 | 74   |
| 5    |    | Nonadecane, 2-methyl- | 282 | C20H42   | 001560-86-7 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION

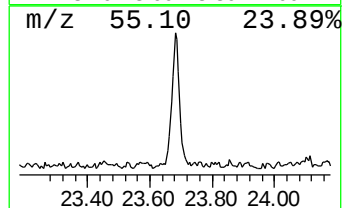
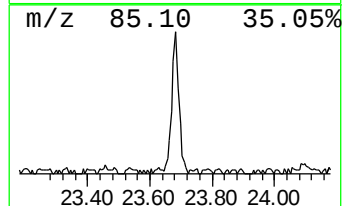
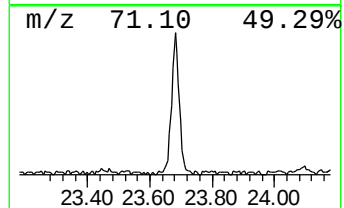
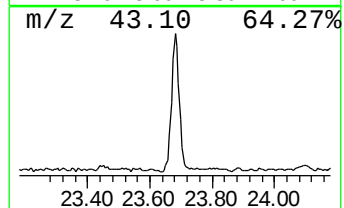
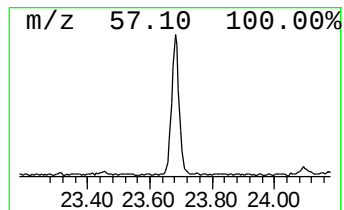
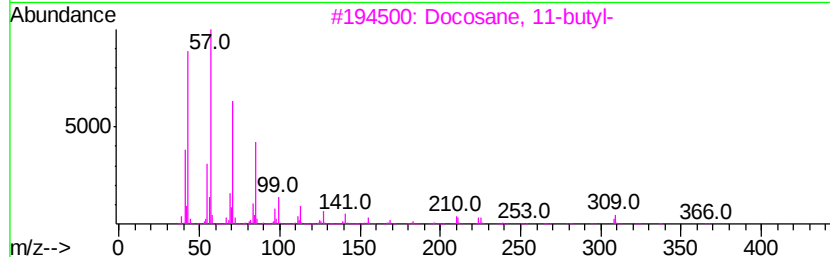
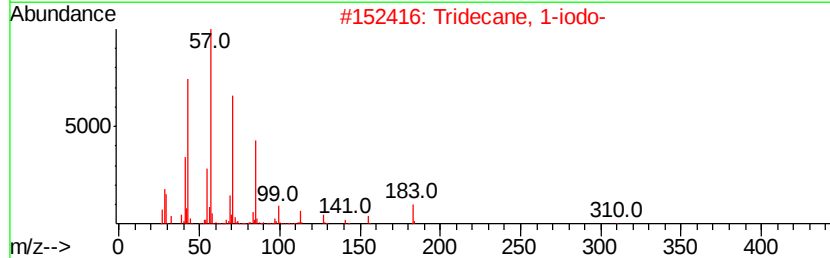
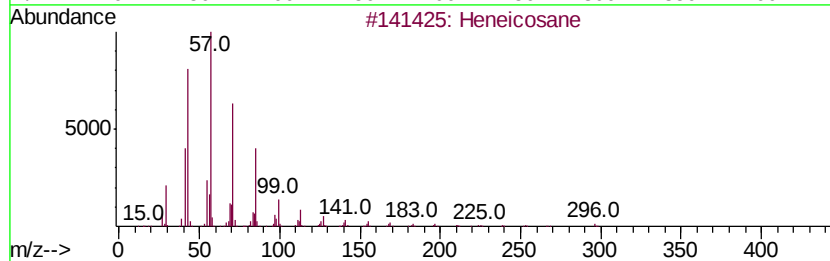
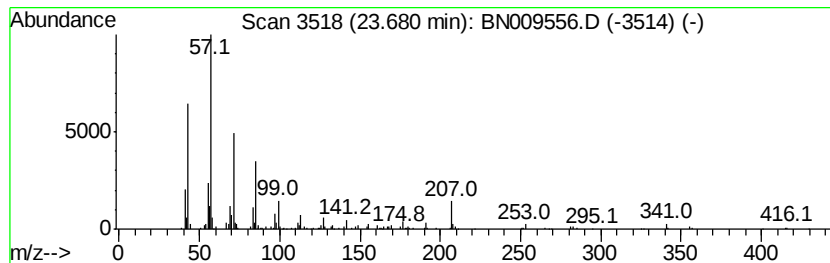
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.68 | 2.56 ng/ul | 299109 | Perylene-d12     | 23.16 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane         | 296 | C21H44  | 000629-94-7 | 74   |
| 2    |    | Tridecane, 1-iodo-  | 310 | C13H27I | 035599-77-0 | 74   |
| 3    |    | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 74   |
| 4    |    | Tetratetracontane   | 619 | C44H90  | 007098-22-8 | 72   |
| 5    |    | Octacosane          | 394 | C28H58  | 000630-02-4 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020320\  
Data File : BN009556.D  
Acq On : 04 Feb 2020 10:14  
Operator : CG/JU  
Sample : PB126557BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.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: Str... | 3.97  | 2.8     | ng/ul | 133881   | 1                     | 7.43  | 955055  | 20.0 |
| (DEL) Alkane: Cyc... | 4.36  | 2.1     | ng/ul | 101285   | 1                     | 7.43  | 955055  | 20.0 |
| (DEL) Alkane: Str... | 23.09 | 2.4     | ng/ul | 275061   | 6                     | 23.16 | 2335980 | 20.0 |
| (DEL) Alkane: Str... | 23.68 | 2.6     | ng/ul | 299109   | 6                     | 23.16 | 2335980 | 20.0 |