

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\  
 Data File : BM012175.D  
 Acq On : 14 Oct 2017 18:02  
 Operator : SJ/JU  
 Sample : I5840-13  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AG5

Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.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         | 6.987       | 657           | 663         | 672          | rBV      | 96586          | 197863        | 3.40%           | 0.472%        |
| 2         | 7.140       | 683           | 689         | 702          | rBV      | 365093         | 630600        | 10.84%          | 1.505%        |
| 3         | 7.346       | 717           | 724         | 735          | rBV      | 425134         | 759026        | 13.04%          | 1.811%        |
| 4         | 7.816       | 797           | 804         | 810          | rBV      | 338420         | 614857        | 10.57%          | 1.467%        |
| 5         | 7.875       | 810           | 814         | 824          | rVB      | 65755          | 130220        | 2.24%           | 0.311%        |
| 6         | 8.528       | 917           | 925         | 933          | rBV      | 234614         | 460924        | 7.92%           | 1.100%        |
| 7         | 8.910       | 984           | 990         | 996          | rBV      | 42275          | 79171         | 1.36%           | 0.189%        |
| 8         | 8.981       | 996           | 1002        | 1010         | rBV      | 533913         | 923828        | 15.87%          | 2.205%        |
| 9         | 9.104       | 1018          | 1023        | 1031         | rVB      | 63097          | 113148        | 1.94%           | 0.270%        |
| 10        | 9.704       | 1117          | 1125        | 1141         | rBV      | 489047         | 896432        | 15.40%          | 2.139%        |
| 11        | 10.245      | 1208          | 1217        | 1238         | rBV      | 553495         | 1194397       | 20.52%          | 2.850%        |
| 12        | 10.616      | 1273          | 1280        | 1288         | rVB      | 549050         | 934212        | 16.05%          | 2.229%        |
| 13        | 13.869      | 1827          | 1833        | 1845         | rBV      | 1720420        | 2468192       | 42.41%          | 5.890%        |
| 14        | 14.157      | 1875          | 1882        | 1896         | rBV      | 1839841        | 2702581       | 46.44%          | 6.450%        |
| 15        | 14.463      | 1927          | 1934        | 1943         | rBV2     | 983336         | 1497557       | 25.73%          | 3.574%        |
| 16        | 14.704      | 1969          | 1975        | 1978         | rBV3     | 41413          | 79302         | 1.36%           | 0.189%        |
| 17        | 15.139      | 2044          | 2049        | 2057         | rVB2     | 36512          | 63371         | 1.09%           | 0.151%        |
| 18        | 15.457      | 2096          | 2103        | 2110         | rBV      | 2400025        | 3486718       | 59.91%          | 8.321%        |
| 19        | 15.598      | 2121          | 2127        | 2138         | rBV      | 763255         | 1186624       | 20.39%          | 2.832%        |
| 20        | 17.210      | 2395          | 2401        | 2412         | rBV2     | 1405327        | 2026988       | 34.83%          | 4.837%        |
| 21        | 17.310      | 2412          | 2418        | 2436         | rVV2     | 2675988        | 3957779       | 68.01%          | 9.445%        |
| 22        | 17.863      | 2507          | 2512        | 2520         | rVB      | 501224         | 663661        | 11.40%          | 1.584%        |
| 23        | 19.368      | 2764          | 2768        | 2778         | rBV6     | 67060          | 118986        | 2.04%           | 0.284%        |
| 24        | 19.604      | 2802          | 2808        | 2817         | rBV      | 3976088        | 5200675       | 89.36%          | 12.411%       |
| 25        | 21.392      | 3107          | 3112        | 3118         | rBV      | 1973082        | 2695866       | 46.32%          | 6.434%        |
| 26        | 23.550      | 3472          | 3479        | 3489         | rVB2     | 2971965        | 5819590       | 100.00%         | 13.888%       |
| 27        | 23.697      | 3498          | 3504        | 3513         | rVB      | 1515002        | 3000119       | 51.55%          | 7.160%        |

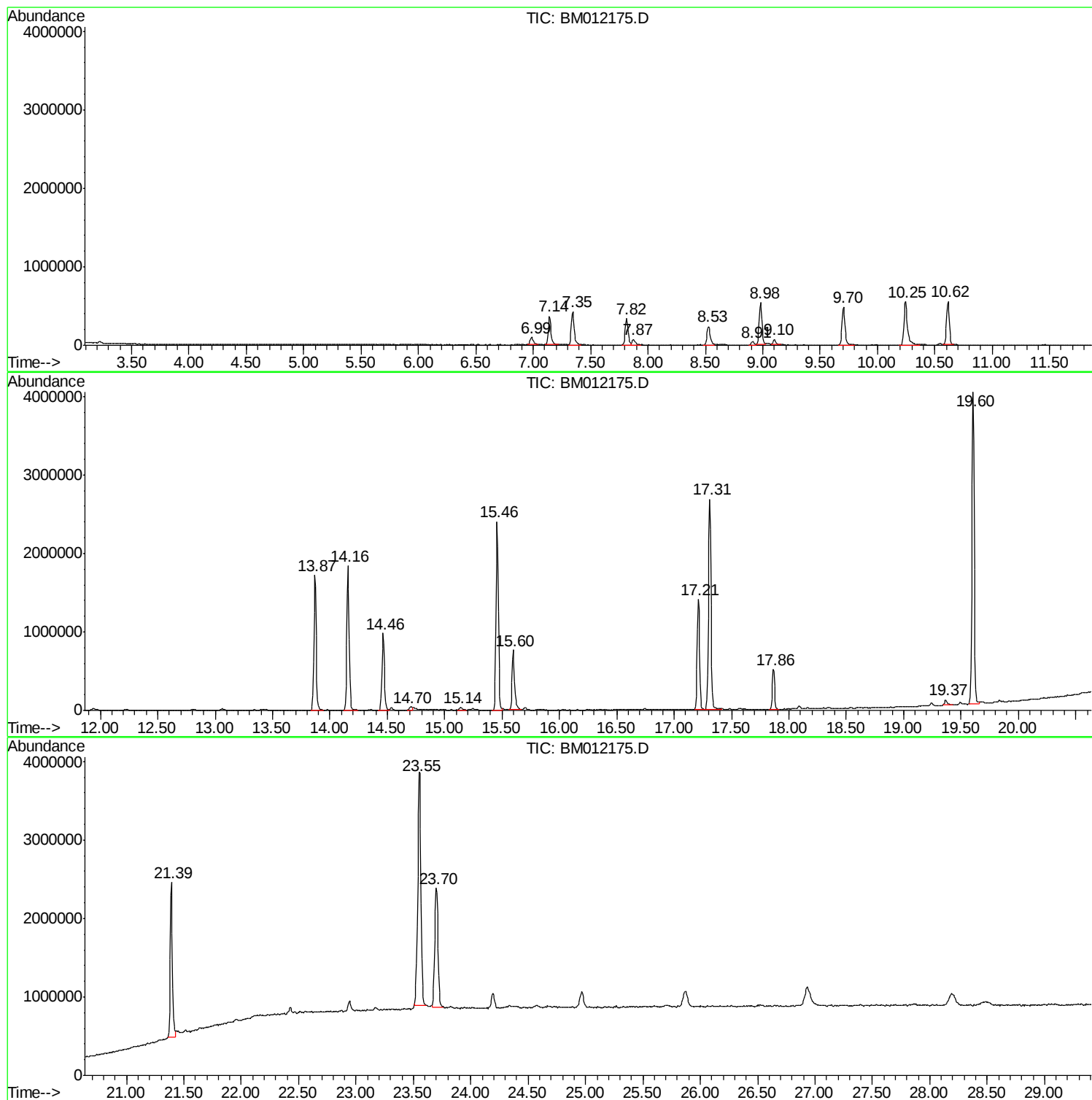
Sum of corrected areas: 41902687

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

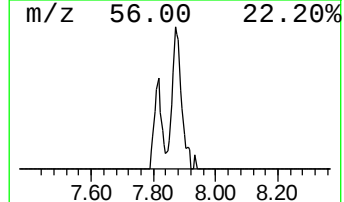
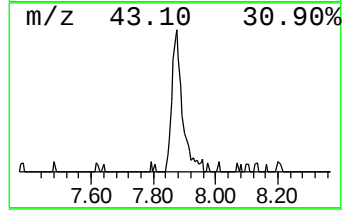
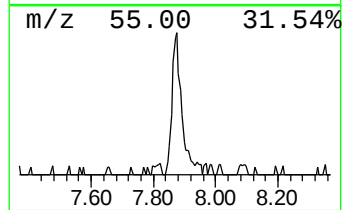
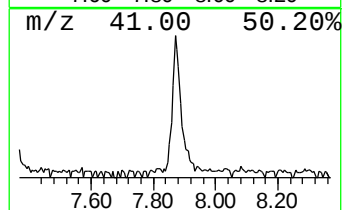
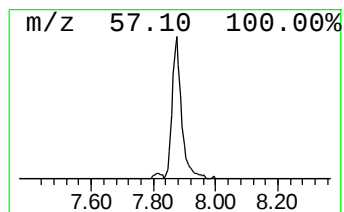
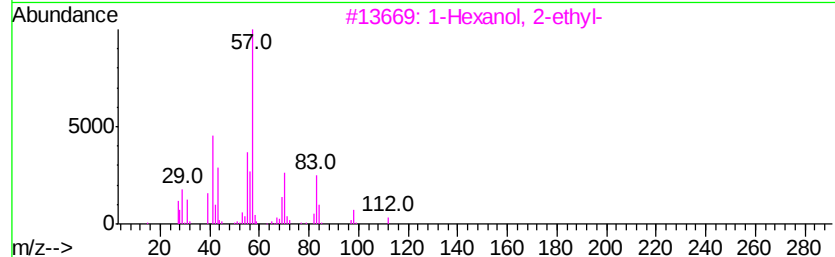
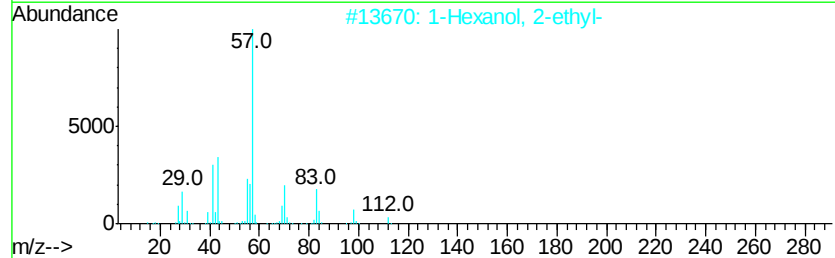
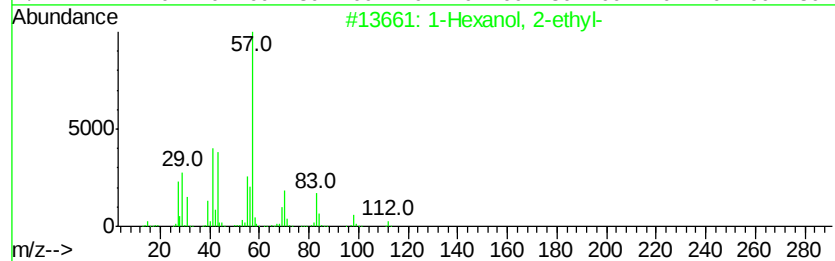
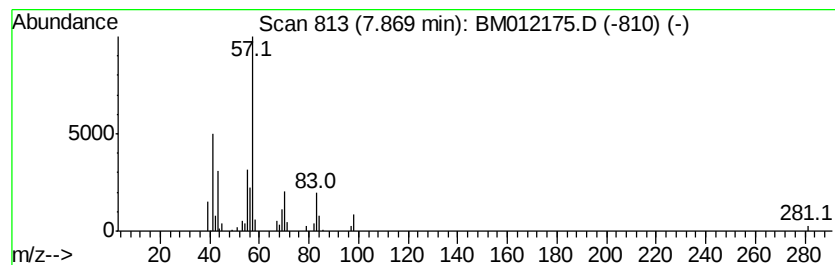
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.87 | 4.24 ng/ul | 130220 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    |    |   | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    |    |   | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    |    |   | Heptane, 1,1'-oxybis-     | 214 | C14H30O | 000629-64-1 | 53   |
| 5    |    |   | Heptane, 2,3,6-trimethyl- | 142 | C10H22  | 004032-93-3 | 40   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

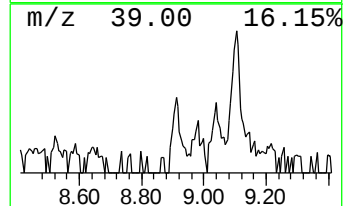
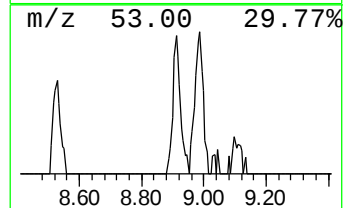
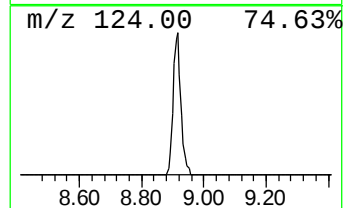
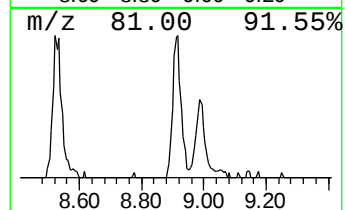
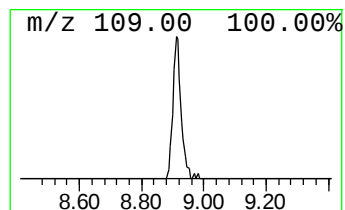
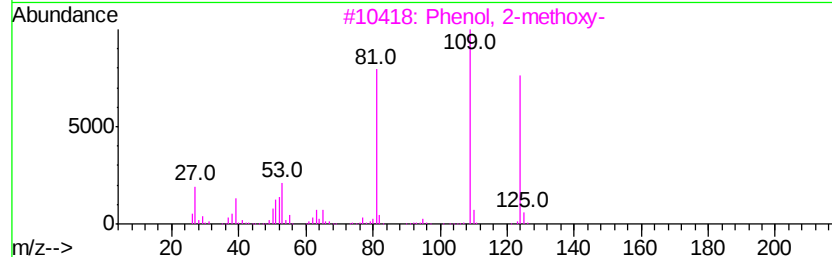
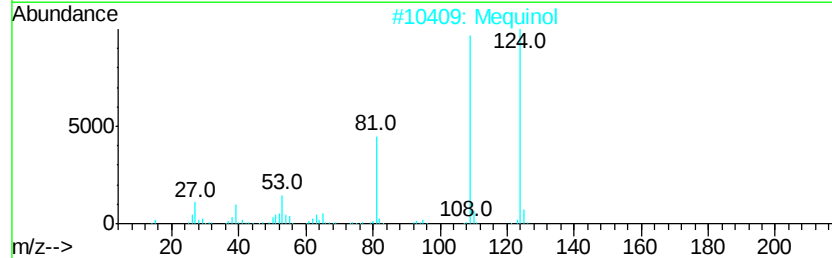
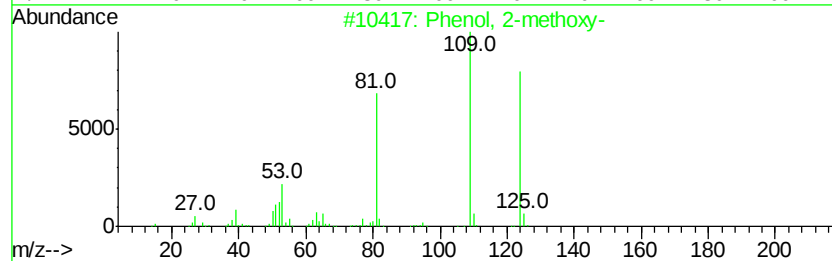
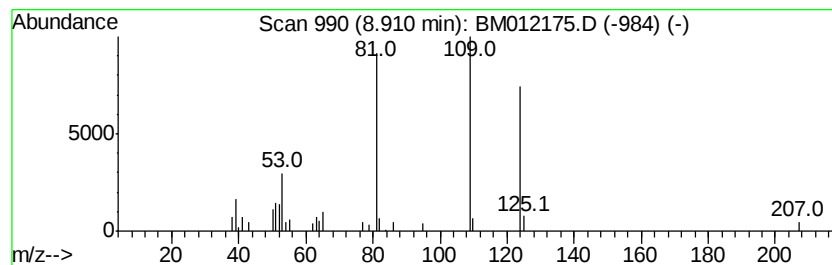
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 4

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.91 | 2.58 ng/ul | 79171 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 94   |
| 2    |    | Mequinol           | 124 | C7H8O2  | 000150-76-5 | 91   |
| 3    |    | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 90   |
| 4    |    | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 87   |
| 5    |    | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 87   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

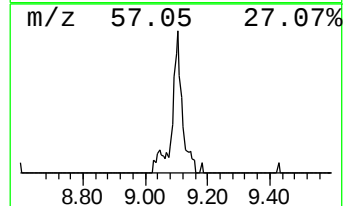
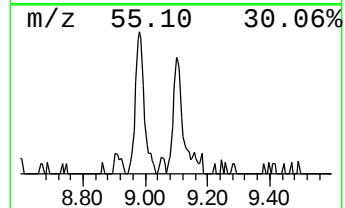
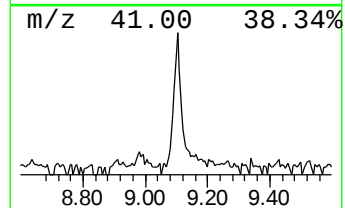
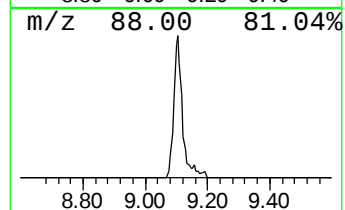
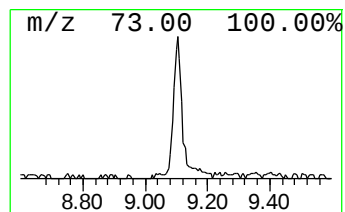
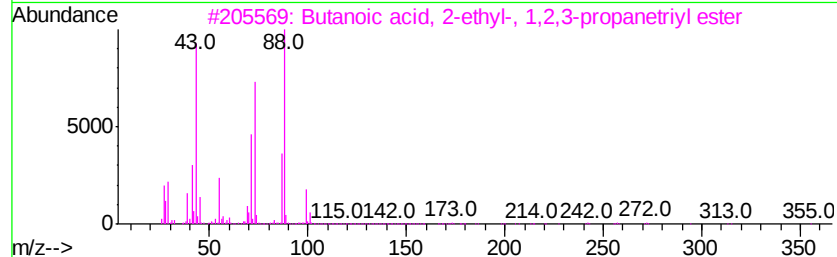
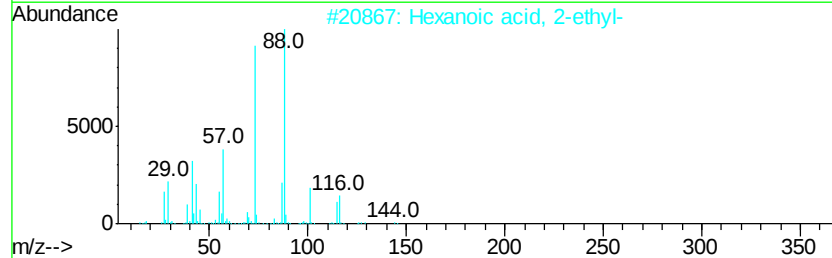
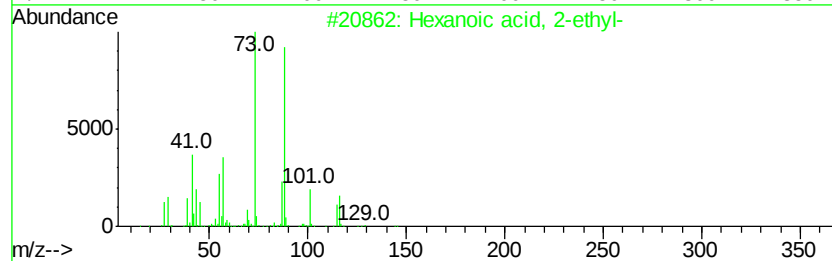
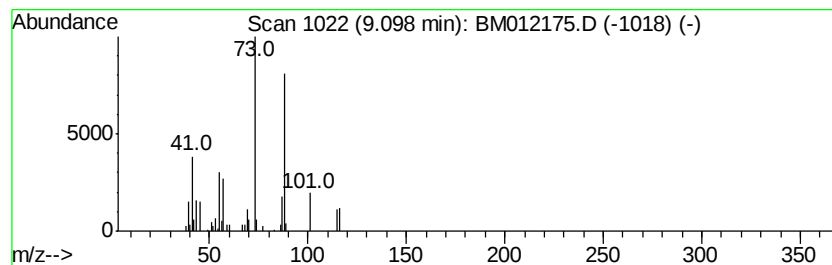
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 3

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 9.10 | 3.68 ng/ul | 113148 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2     | 000149-57-5 | 86   |
| 2    |    |   | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2     | 000149-57-5 | 72   |
| 3    |    |   | Butanoic acid, 2-ethyl-, 1,2,3-p... | 386 | C21H38O6    | 056554-54-2 | 50   |
| 4    |    |   | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2     | 000149-57-5 | 47   |
| 5    |    |   | 3-Aza-2-oxabicyclo[2.2.2]oct-5-e... | 267 | C10H12F3N04 | 102698-35-1 | 42   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

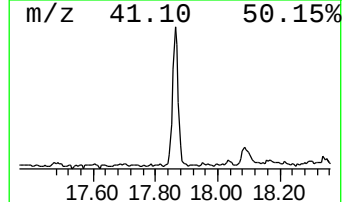
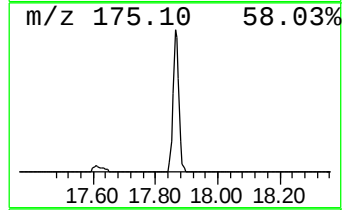
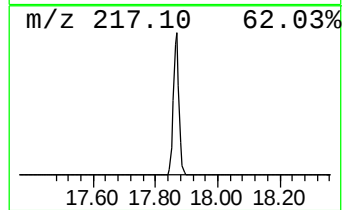
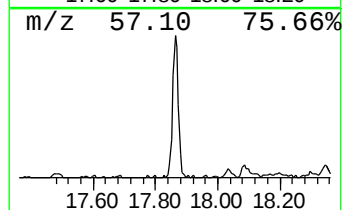
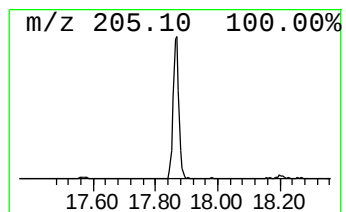
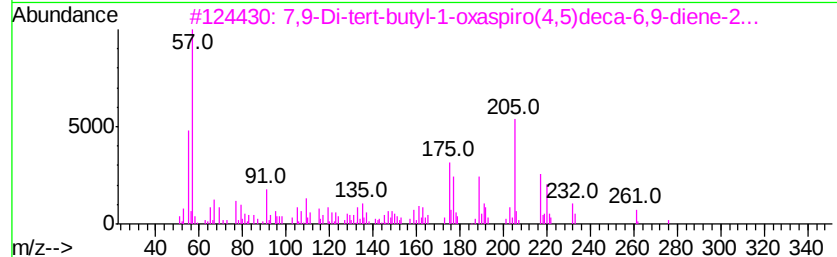
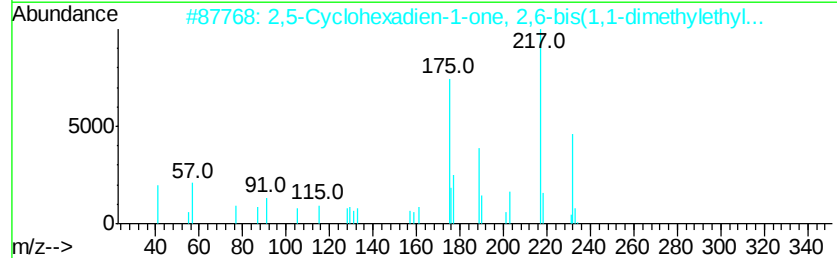
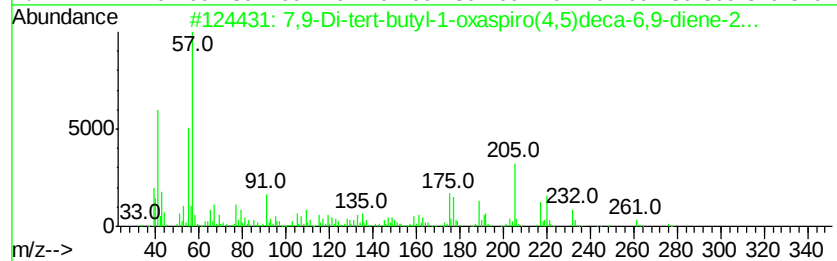
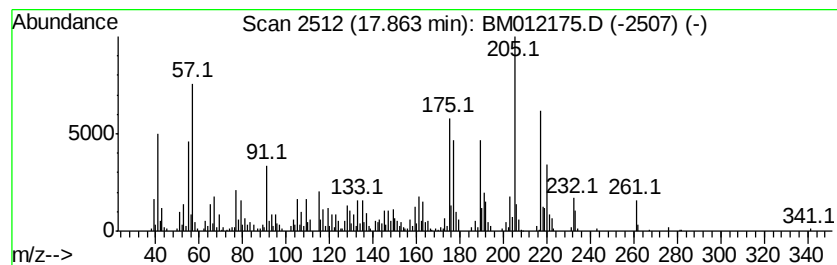
Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 17.86     | 6.55 ng/ul                          | 663661 | Phenanthrene-d10 | 17.21       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276    | C17H24O3         | 082304-66-3 | 97   |
| 2         | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232    | C16H24O          | 006738-27-8 | 86   |
| 3         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276    | C17H24O3         | 082304-66-3 | 60   |
| 4         | Benzenamine, N,N-diethyl-4-(2-ni... | 220    | C12H16N2O2       | 064462-51-7 | 51   |
| 5         | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220    | C14H20O2         | 071596-88-8 | 50   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM101417\  
Data File : BM012175.D  
Acq On : 14 Oct 2017 18:02  
Operator : SJ/JU  
Sample : I5840-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AG5

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.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 |
| 1-Hexanol, 2-ethyl-  | 7.87  | 4.2     | ng/ul | 130220   | 1                     | 7.82  | 614857  | 20.0 |
| Phenol, 2-methoxy-   | 8.91  | 2.6     | ng/ul | 79171    | 1                     | 7.82  | 614857  | 20.0 |
| Hexanoic acid, 2-... | 9.10  | 3.7     | ng/ul | 113148   | 1                     | 7.82  | 614857  | 20.0 |
| 7,9-Di-tert-butyl... | 17.86 | 6.5     | ng/ul | 663661   | 4                     | 17.21 | 2026990 | 20.0 |