

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\  
 Data File : BG044722.D  
 Acq On : 11 Mar 2020 16:09  
 Operator : CG/JU  
 Sample : L1798-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PT-ACIDS-WP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\8270-BG031020.M

Title : ASP BNA STANDARDS FOR 5 POINT 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         | 3.155       | 6             | 11          | 20           | rBV2     | 148380         | 334260        | 4.04%           | 0.430%        |
| 2         | 3.231       | 20            | 24          | 37           | rVB      | 431704         | 747056        | 9.03%           | 0.962%        |
| 3         | 5.159       | 345           | 352         | 362          | rBV      | 112762         | 189090        | 2.29%           | 0.243%        |
| 4         | 5.623       | 424           | 431         | 441          | rBV      | 2031298        | 3362372       | 40.65%          | 4.328%        |
| 5         | 7.209       | 691           | 701         | 709          | rBV      | 2106838        | 3713189       | 44.89%          | 4.779%        |
| 6         | 7.620       | 761           | 771         | 779          | rBV      | 1792056        | 3186326       | 38.52%          | 4.101%        |
| 7         | 8.055       | 837           | 845         | 855          | rVB      | 347293         | 603788        | 7.30%           | 0.777%        |
| 8         | 8.378       | 892           | 900         | 908          | rBV      | 1494313        | 2725857       | 32.95%          | 3.509%        |
| 9         | 8.490       | 912           | 919         | 931          | rVB      | 1466465        | 2518542       | 30.44%          | 3.242%        |
| 10        | 8.813       | 966           | 974         | 985          | rBV      | 2201470        | 3982100       | 48.14%          | 5.125%        |
| 11        | 9.213       | 1033          | 1042        | 1051         | rBV      | 1310266        | 2321055       | 28.06%          | 2.987%        |
| 12        | 9.971       | 1162          | 1171        | 1176         | rBV      | 837745         | 1481138       | 17.90%          | 1.906%        |
| 13        | 10.029      | 1176          | 1181        | 1191         | rVB      | 1411780        | 2388851       | 28.88%          | 3.075%        |
| 14        | 10.505      | 1254          | 1262        | 1272         | rBV      | 1438089        | 2564243       | 31.00%          | 3.300%        |
| 15        | 10.864      | 1315          | 1323        | 1332         | rVB      | 454190         | 835504        | 10.10%          | 1.075%        |
| 16        | 11.040      | 1343          | 1353        | 1361         | rBV      | 755087         | 1421080       | 17.18%          | 1.829%        |
| 17        | 12.133      | 1531          | 1539        | 1546         | rBV      | 2091630        | 3714665       | 44.90%          | 4.781%        |
| 18        | 13.120      | 1698          | 1707        | 1712         | rBV      | 1192961        | 1955643       | 23.64%          | 2.517%        |
| 19        | 13.185      | 1712          | 1718        | 1727         | rVB      | 1227863        | 2013027       | 24.33%          | 2.591%        |
| 20        | 13.314      | 1732          | 1740        | 1748         | rVB      | 3112831        | 5078277       | 61.39%          | 6.536%        |
| 21        | 14.689      | 1967          | 1974        | 1982         | rVB      | 767789         | 1220169       | 14.75%          | 1.571%        |
| 22        | 14.783      | 1982          | 1990        | 1998         | rBV      | 1216988        | 1856818       | 22.45%          | 2.390%        |
| 23        | 14.883      | 1998          | 2007        | 2017         | rVV      | 1953251        | 3329405       | 40.25%          | 4.285%        |
| 24        | 15.805      | 2157          | 2164        | 2179         | rBV      | 2157566        | 3206743       | 38.76%          | 4.127%        |
| 25        | 16.175      | 2219          | 2227        | 2245         | rBV      | 2713637        | 4156095       | 50.24%          | 5.349%        |
| 26        | 17.086      | 2374          | 2382        | 2397         | rBV      | 3377620        | 5425481       | 65.58%          | 6.983%        |
| 27        | 17.432      | 2435          | 2441        | 2450         | rVB      | 950260         | 1485584       | 17.96%          | 1.912%        |
| 28        | 20.047      | 2880          | 2886        | 2892         | rBV      | 5863936        | 8272465       | 100.00%         | 10.648%       |
| 29        | 21.704      | 3162          | 3168        | 3176         | rVB2     | 995049         | 1686438       | 20.39%          | 2.171%        |
| 30        | 24.095      | 3570          | 3575        | 3583         | rVB3     | 49028          | 100674        | 1.22%           | 0.130%        |
| 31        | 24.924      | 3706          | 3716        | 3731         | rVB2     | 600891         | 1703517       | 20.59%          | 2.193%        |
| 32        | 25.065      | 3736          | 3740        | 3749         | rVB7     | 53293          | 113277        | 1.37%           | 0.146%        |

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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PT-ACIDS-WP

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % 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\8270-BG031020.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

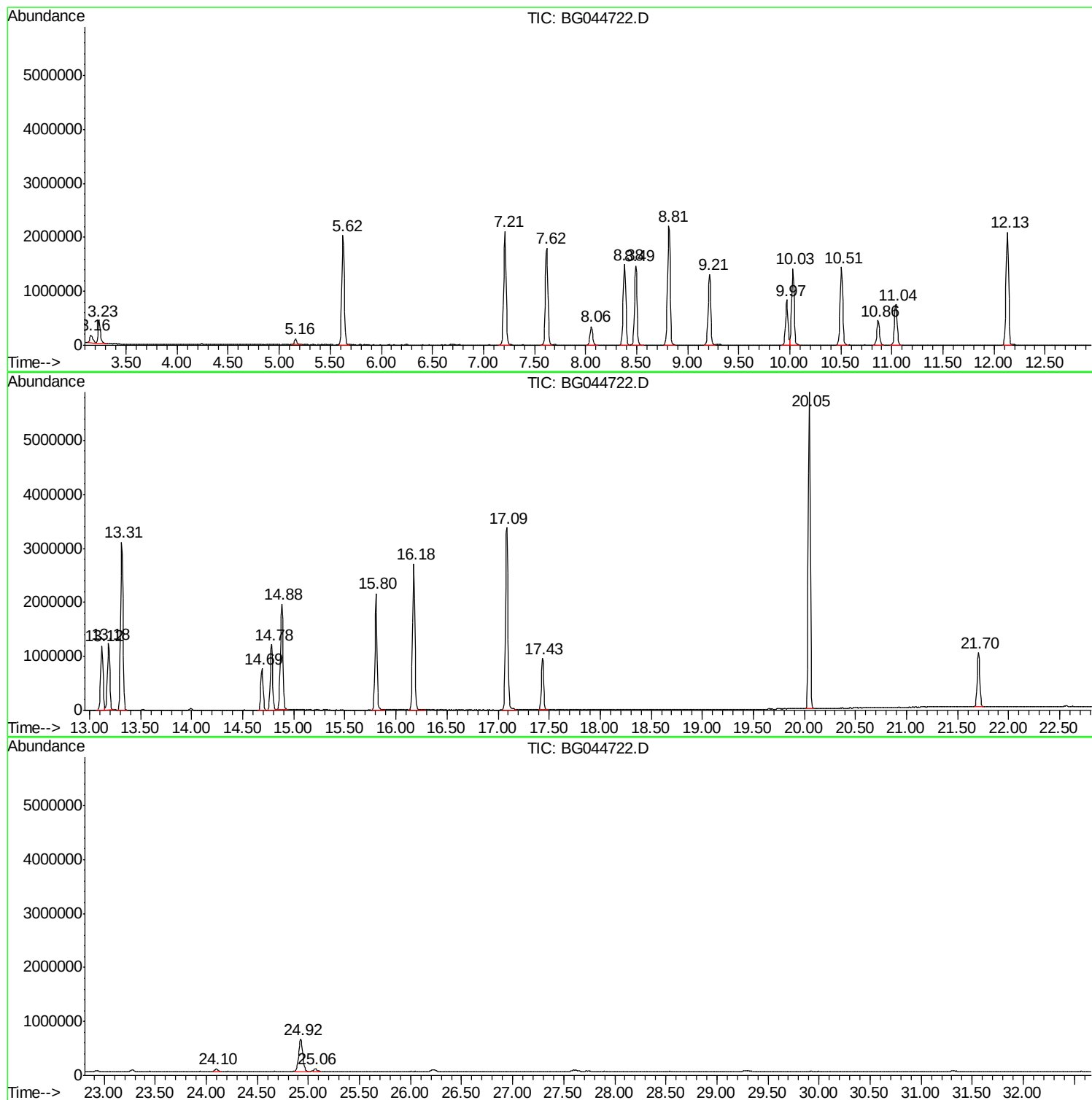
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : L1798-06  
Misc :  
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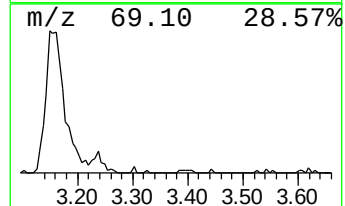
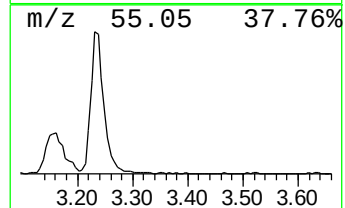
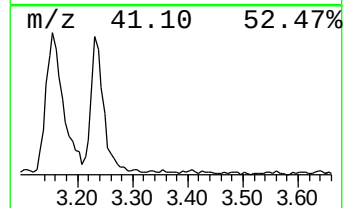
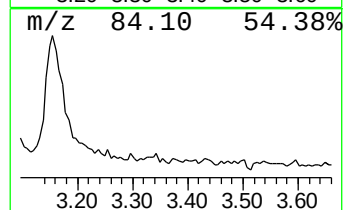
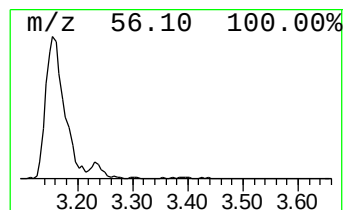
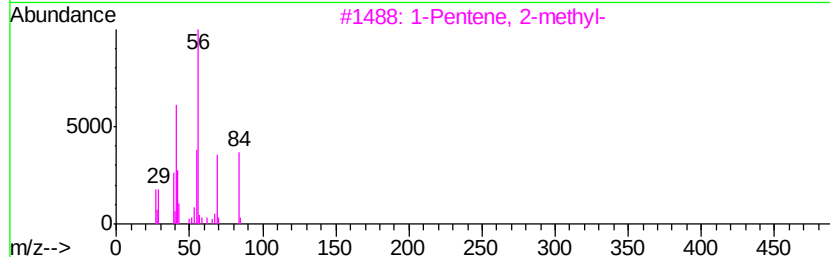
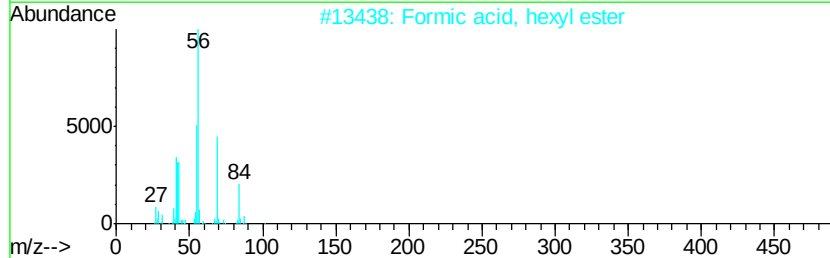
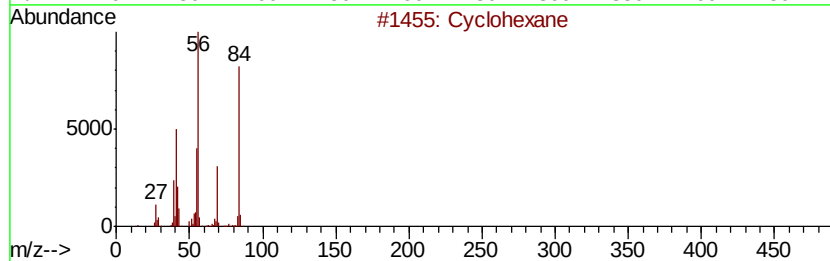
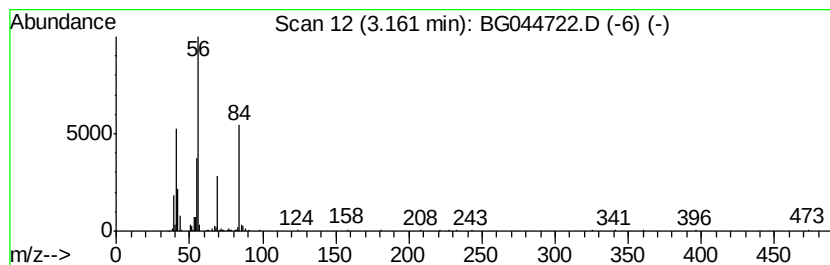
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Cyclohexane Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.16 | 11.07 ng | 334260 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane              | 84  | C6H12   | 000110-82-7 | 90   |
| 2    |    | Formic acid, hexyl ester | 130 | C7H14O2 | 000629-33-4 | 64   |
| 3    |    | 1-Pentene, 2-methyl-     | 84  | C6H12   | 000763-29-1 | 59   |
| 4    |    | Cyclopentane, methyl-    | 84  | C6H12   | 000096-37-7 | 50   |
| 5    |    | 2-Amino-oxazole          | 84  | C3H4N2O | 004570-45-0 | 45   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PT-ACIDS-WP

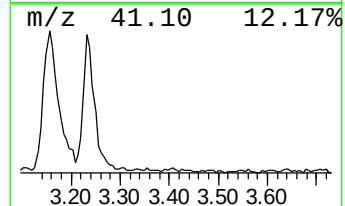
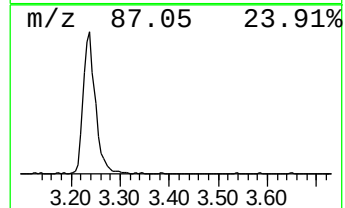
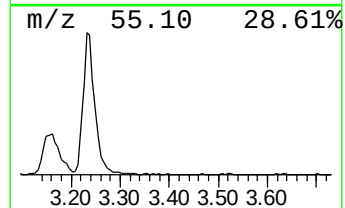
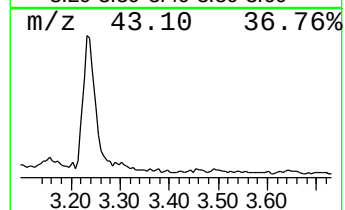
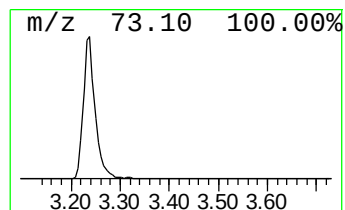
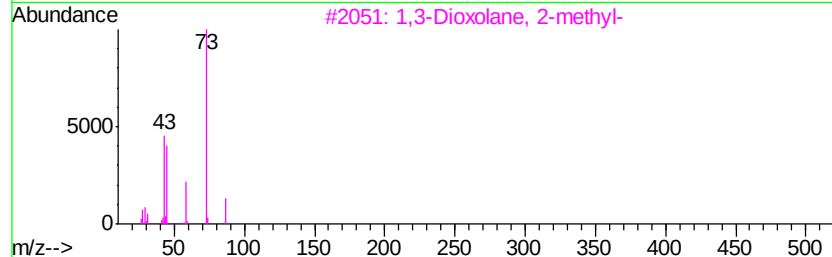
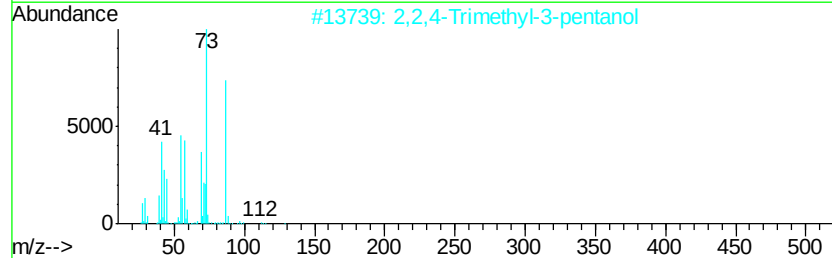
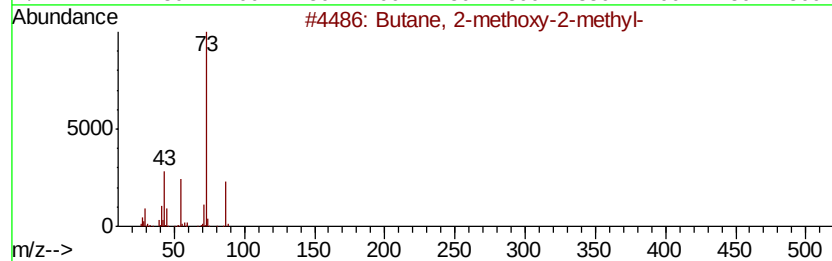
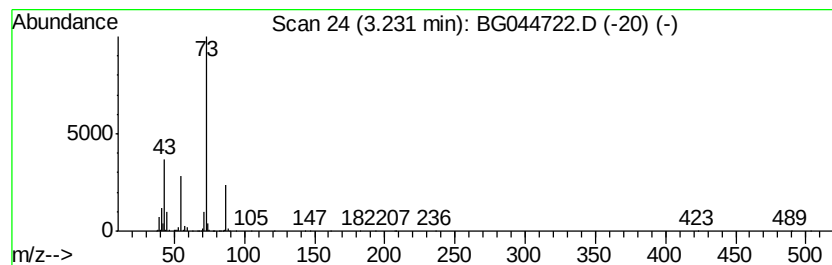
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.23 | 24.75 ng | 747056 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 27   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PT-ACIDS-WP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

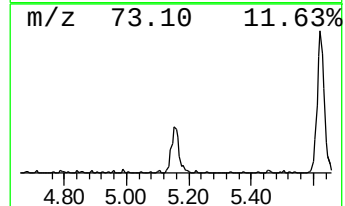
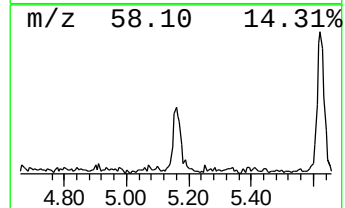
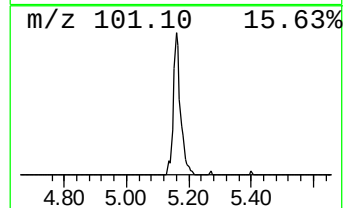
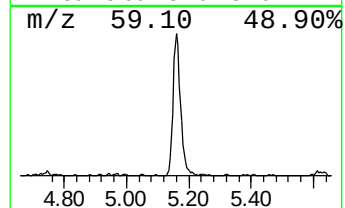
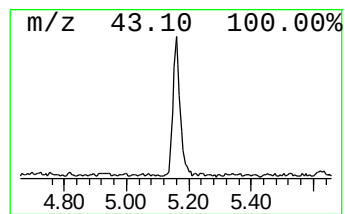
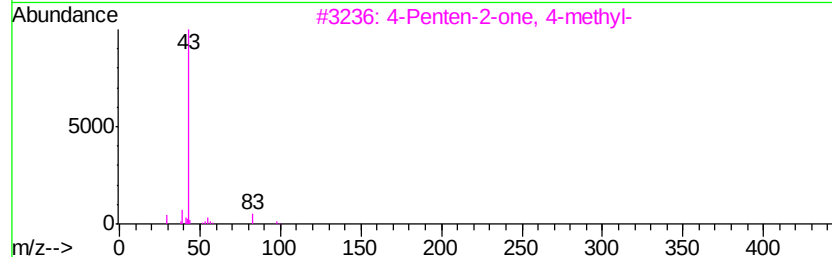
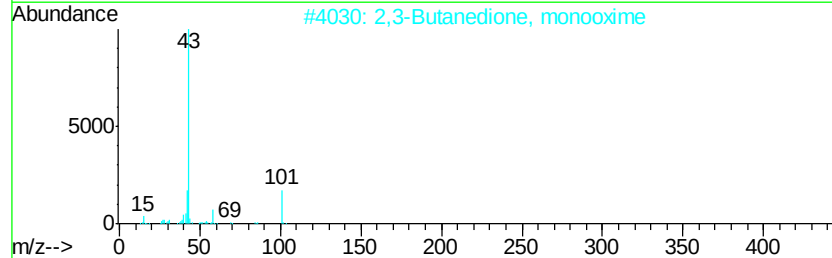
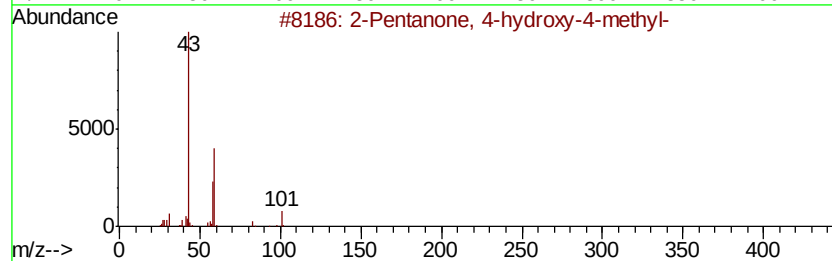
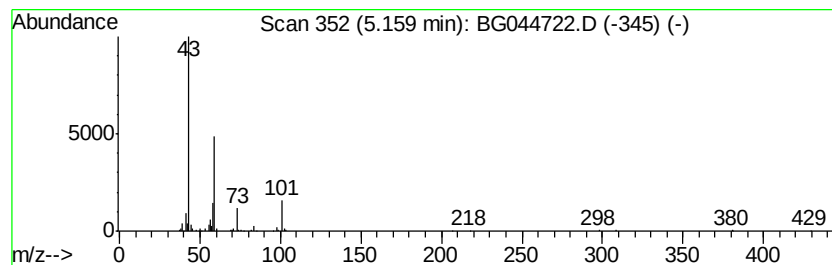
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown5.16 Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.16 | 6.26 ng | 189090 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 40      |      |      |
| 2    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 27      |      |      |
| 3    | 4-Penten-2-one, 4-methyl-        | 98  | C6H10O       | 003744-02-3 | 9       |      |      |
| 4    | Butane                           | 58  | C4H10        | 000106-97-8 | 9       |      |      |
| 5    | Ethyl ether                      | 74  | C4H10O       | 000060-29-7 | 9       |      |      |



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Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

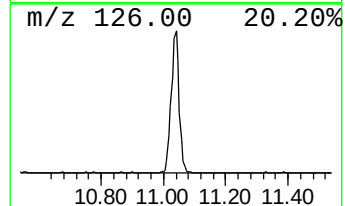
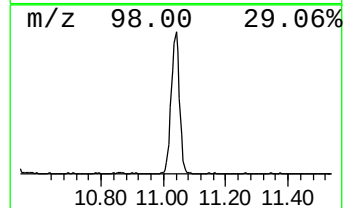
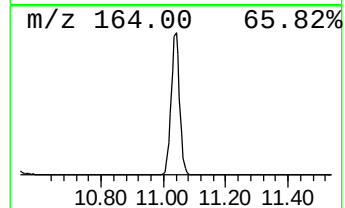
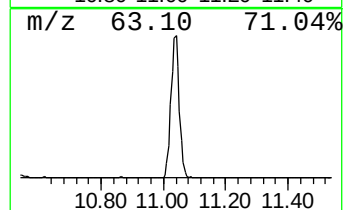
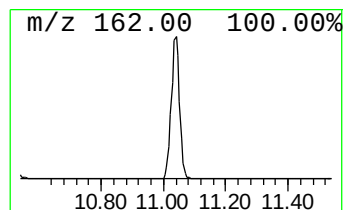
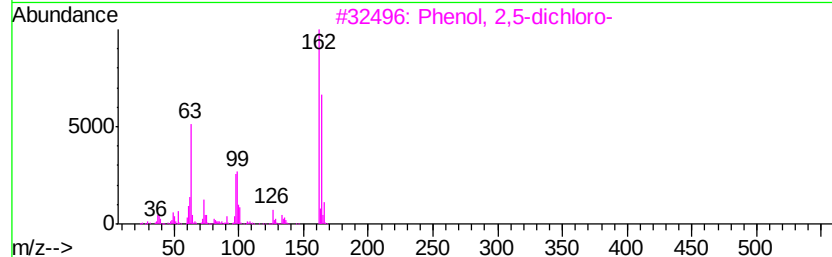
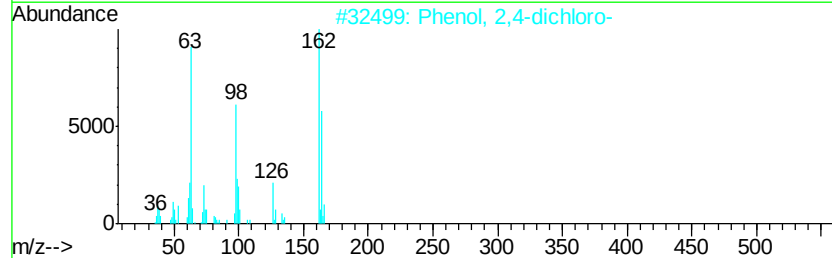
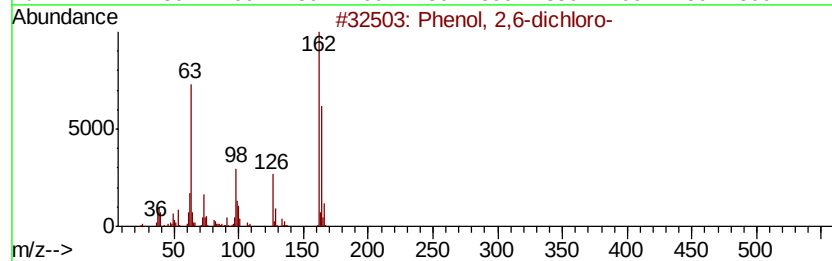
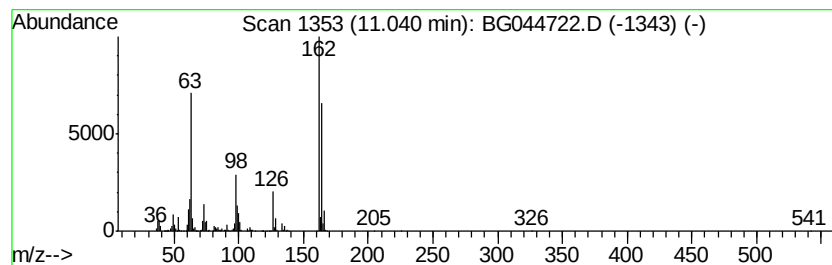
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Phenol, 2,6-dichloro- Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.04 | 34.02 ng | 1421080 | Napthalene-d8    | 10.86 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 2,6-dichloro- | 162 | C6H4Cl2O | 000087-65-0 | 98   |
| 2    |    | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 97   |
| 3    |    | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 93   |
| 4    |    | Phenol, 2,3-dichloro- | 162 | C6H4Cl2O | 000576-24-9 | 93   |
| 5    |    | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 64   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| Cyclohexane          | 3.16  | 11.1 ng |       | 334260   | 1                     | 8.06  | 603788 | 20.0 |
| Butane, 2-methoxy... | 3.23  | 24.8 ng |       | 747056   | 1                     | 8.06  | 603788 | 20.0 |
| unknown5.16          | 5.16  | 6.3 ng  |       | 189090   | 1                     | 8.06  | 603788 | 20.0 |
| Phenol, 2,6-dichl... | 11.04 | 34.0 ng |       | 1421080  | 2                     | 10.86 | 835504 | 20.0 |