

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG090916\  
 Data File : BG023974.D  
 Acq On : 9 Sep 2016 15:06  
 Operator : UM/SJ  
 Sample : PB93314BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB93314BL

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:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.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         | 2.944       | 12            | 18          | 42           | rVB      | 5777050        | 10170644      | 100.00%         | 28.582%       |
| 2         | 5.153       | 389           | 394         | 404          | rVB      | 192305         | 313977        | 3.09%           | 0.882%        |
| 3         | 5.640       | 471           | 477         | 489          | rBV      | 1137974        | 1851425       | 18.20%          | 5.203%        |
| 4         | 7.262       | 746           | 753         | 766          | rBV      | 1251260        | 2168859       | 21.32%          | 6.095%        |
| 5         | 7.626       | 807           | 815         | 824          | rBV      | 1159529        | 2048152       | 20.14%          | 5.756%        |
| 6         | 8.090       | 887           | 894         | 907          | rBV      | 207082         | 363354        | 3.57%           | 1.021%        |
| 7         | 8.413       | 941           | 949         | 960          | rBV      | 793963         | 1431766       | 14.08%          | 4.024%        |
| 8         | 9.271       | 1085          | 1095        | 1109         | rBV      | 738110         | 1393394       | 13.70%          | 3.916%        |
| 9         | 10.921      | 1368          | 1376        | 1386         | rBV      | 302024         | 555537        | 5.46%           | 1.561%        |
| 10        | 13.371      | 1786          | 1793        | 1802         | rBV      | 2179929        | 3448487       | 33.91%          | 9.691%        |
| 11        | 14.757      | 2023          | 2029        | 2037         | rBV2     | 520746         | 877312        | 8.63%           | 2.465%        |
| 12        | 16.255      | 2277          | 2284        | 2299         | rBV      | 2027018        | 3170875       | 31.18%          | 8.911%        |
| 13        | 17.518      | 2492          | 2499        | 2513         | rBV      | 725910         | 1123331       | 11.04%          | 3.157%        |
| 14        | 20.121      | 2936          | 2942        | 2948         | rBV      | 3533984        | 4776362       | 46.96%          | 13.423%       |
| 15        | 21.824      | 3226          | 3232        | 3242         | rVB      | 541460         | 979626        | 9.63%           | 2.753%        |
| 16        | 25.196      | 3796          | 3806        | 3818         | rVB2     | 286145         | 911426        | 8.96%           | 2.561%        |

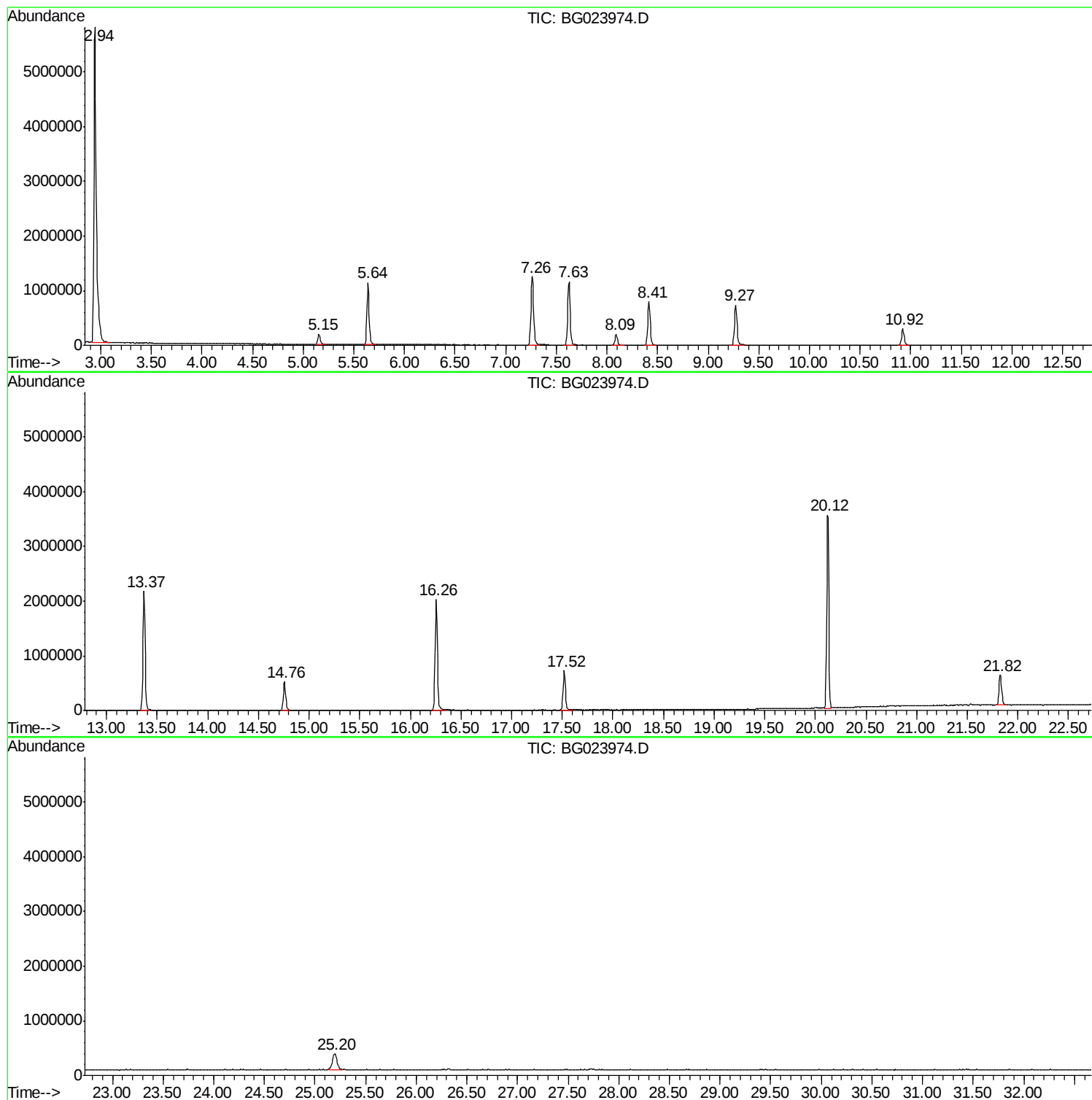
Sum of corrected areas: 35584527

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.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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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

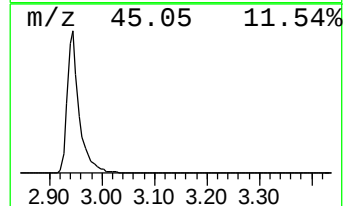
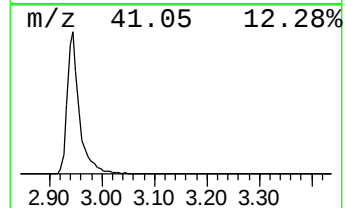
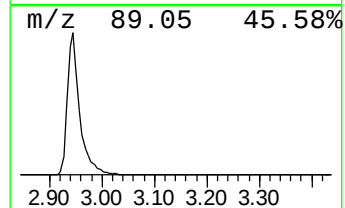
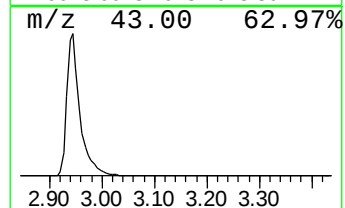
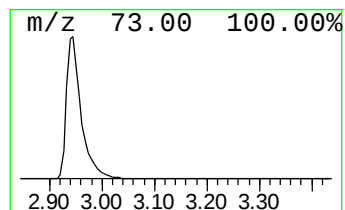
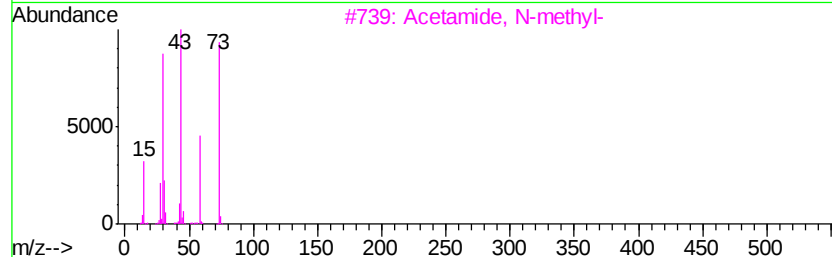
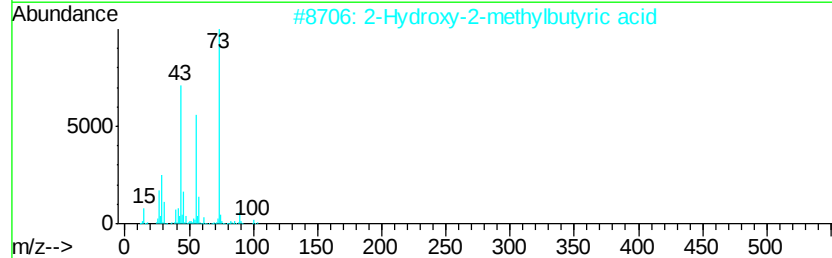
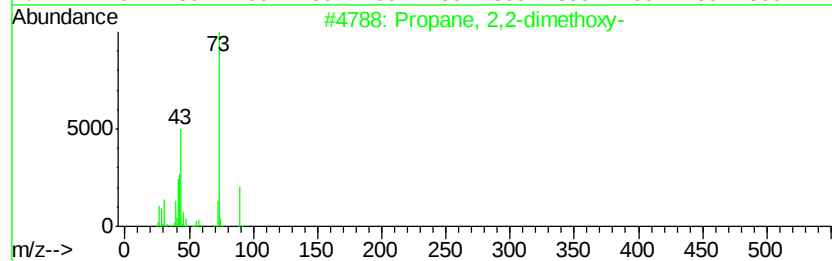
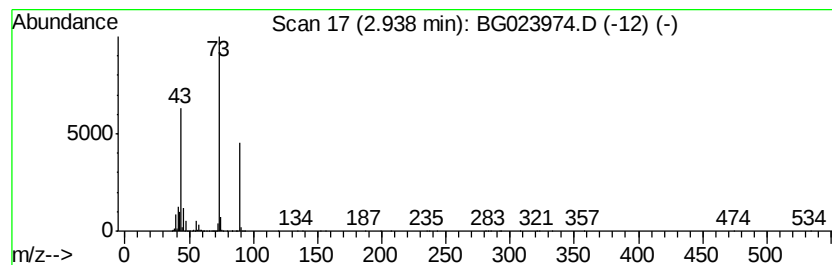
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.94 Concentration Rank 1

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 2.94 | 559.82 ng | 10170600 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------------------------|-----|---------|-------------|------|
| 1       |   | Propane, 2,2-dimethoxy-        | 104 | C5H12O2 | 000077-76-9 | 38   |
| 2       |   | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 23   |
| 3       |   | Acetamide, N-methyl-           | 73  | C3H7NO  | 000079-16-3 | 17   |
| 4       |   | Methane, isothiocyanato-       | 73  | C2H3NS  | 000556-61-6 | 10   |
| 5       |   | 1,3-Diaminoguanidine           | 89  | CH7N5   | 004364-78-7 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG083116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

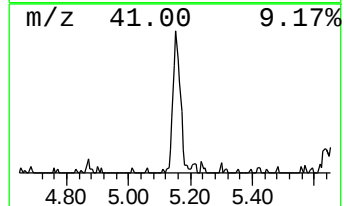
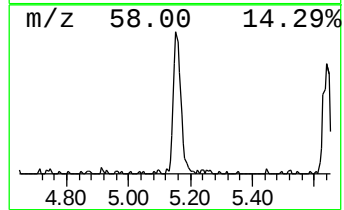
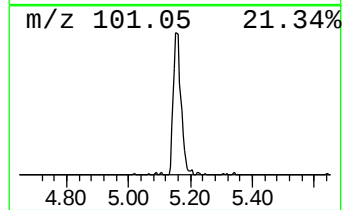
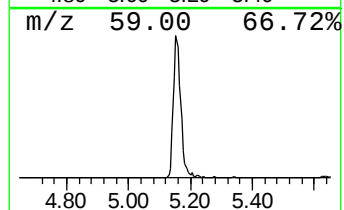
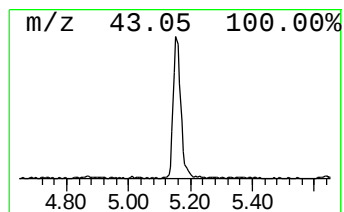
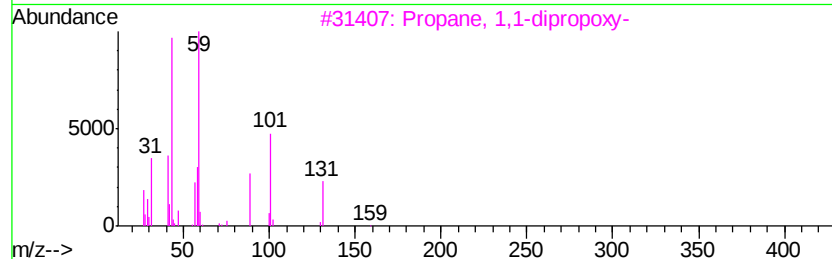
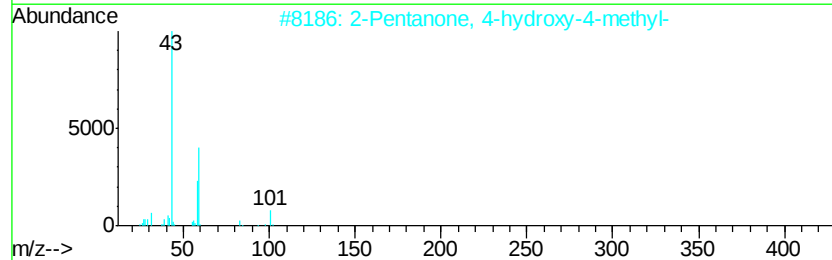
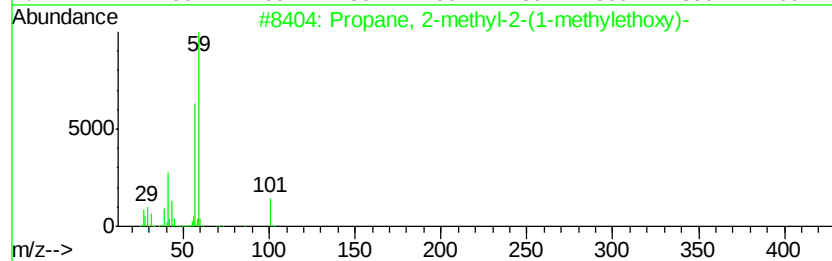
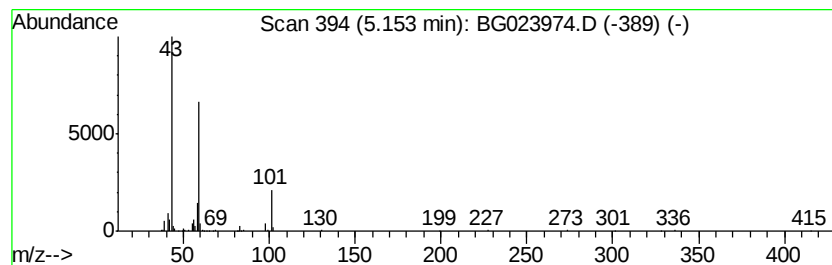
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.15 | 17.28 ng | 313977 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 50   |
| 2    |    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 50   |
| 3    |    | Propane, 1,1-dipropoxy-             | 160 | C9H20O2 | 004744-11-0 | 38   |
| 4    |    | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2 | 000921-14-2 | 38   |
| 5    |    | Silane, trimethyl-                  | 74  | C3H10Si | 000993-07-7 | 35   |



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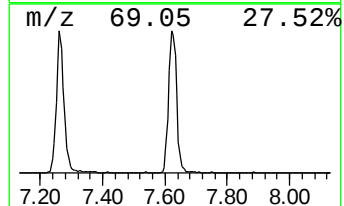
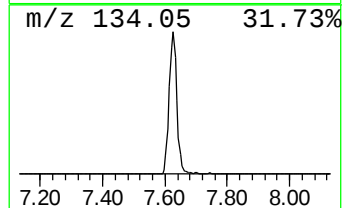
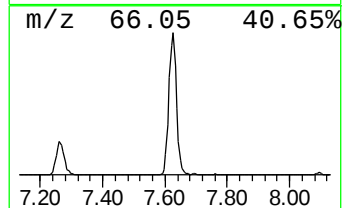
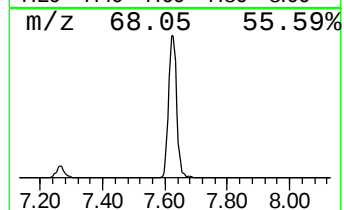
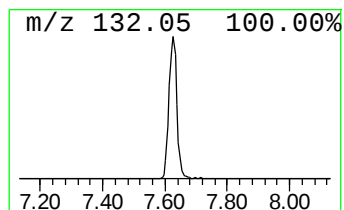
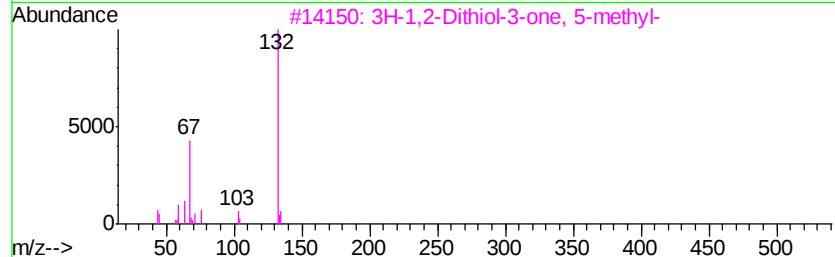
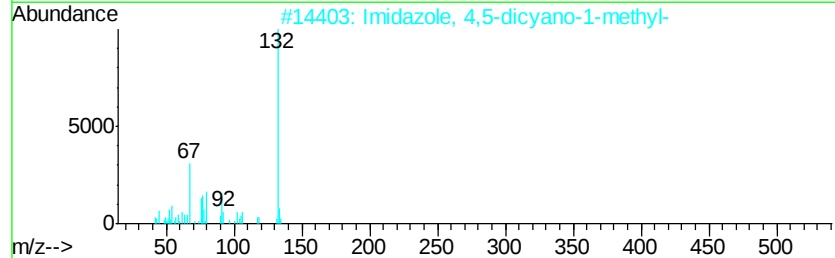
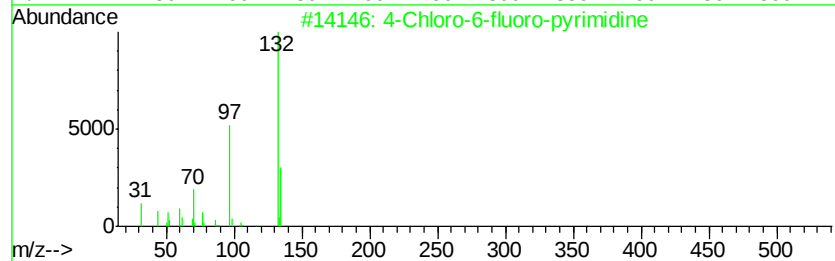
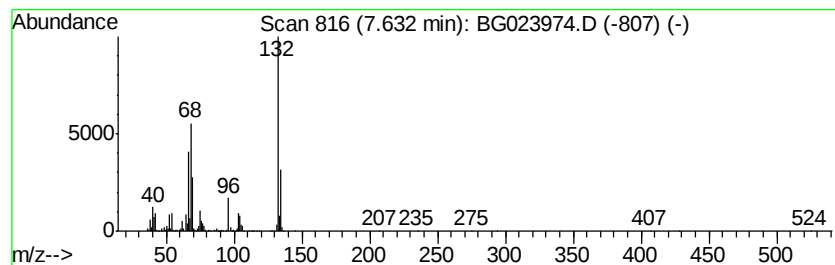
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.63 Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.63 | 112.74 ng | 2048150 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6 | 14   |
| 2    |    | Imidazole, 4,5-dicyano-1-methyl-   | 132 | C6H4N4    | 019485-35-9 | 10   |
| 3    |    | 3H-1,2-Dithiol-3-one, 5-methyl-    | 132 | C4H4OS2   | 003620-08-4 | 10   |
| 4    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2 | 10   |
| 5    |    | 1H-Indenol                         | 132 | C9H8O     | 056631-57-3 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown2.94          | 2.94 | 559.8   | ng    | 10170600 | 1                     | 8.09 | 363354 | 20.0 |
| Propane, 2-methyl... | 5.15 | 17.3    | ng    | 313977   | 1                     | 8.09 | 363354 | 20.0 |
| unknown7.63          | 7.63 | 112.7   | ng    | 2048150  | 1                     | 8.09 | 363354 | 20.0 |