

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061217\  
 Data File : BM010535.D  
 Acq On : 12 Jun 2017 15:06  
 Operator : SJ/MA  
 Sample : I3493-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDC78

## 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-BM052717.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         | 7.075       | 673           | 678         | 684          | rBV2     | 114918         | 180591        | 3.20%           | 0.412%        |
| 2         | 7.228       | 698           | 704         | 712          | rBV      | 368761         | 577450        | 10.24%          | 1.318%        |
| 3         | 7.428       | 730           | 738         | 746          | rBV      | 544269         | 867054        | 15.37%          | 1.980%        |
| 4         | 7.887       | 809           | 816         | 826          | rBV      | 603507         | 967865        | 17.16%          | 2.210%        |
| 5         | 8.240       | 871           | 876         | 882          | rVB4     | 40300          | 63588         | 1.13%           | 0.145%        |
| 6         | 8.610       | 932           | 939         | 948          | rBV      | 347008         | 578735        | 10.26%          | 1.321%        |
| 7         | 9.075       | 1011          | 1018        | 1028         | rBV      | 561861         | 943886        | 16.74%          | 2.155%        |
| 8         | 9.786       | 1132          | 1139        | 1149         | rBV2     | 550893         | 935585        | 16.59%          | 2.136%        |
| 9         | 10.316      | 1221          | 1229        | 1240         | rBV      | 832446         | 1428654       | 25.33%          | 3.262%        |
| 10        | 10.692      | 1285          | 1293        | 1300         | rBV      | 706713         | 1180676       | 20.94%          | 2.696%        |
| 11        | 10.916      | 1325          | 1331        | 1336         | rBV6     | 36247          | 66003         | 1.17%           | 0.151%        |
| 12        | 11.075      | 1352          | 1358        | 1363         | rBV7     | 30924          | 65498         | 1.16%           | 0.150%        |
| 13        | 11.245      | 1382          | 1387        | 1392         | rVB7     | 30944          | 59583         | 1.06%           | 0.136%        |
| 14        | 11.439      | 1410          | 1420        | 1423         | rBV6     | 75157          | 185046        | 3.28%           | 0.423%        |
| 15        | 11.504      | 1428          | 1431        | 1437         | rVB4     | 53411          | 94457         | 1.67%           | 0.216%        |
| 16        | 11.622      | 1447          | 1451        | 1456         | rBV5     | 30944          | 58205         | 1.03%           | 0.133%        |
| 17        | 13.939      | 1840          | 1845        | 1854         | rVB      | 1713290        | 2318397       | 41.11%          | 5.294%        |
| 18        | 14.221      | 1887          | 1893        | 1901         | rBV      | 1618706        | 2431174       | 43.11%          | 5.551%        |
| 19        | 14.333      | 1905          | 1912        | 1925         | rVB      | 589190         | 960404        | 17.03%          | 2.193%        |
| 20        | 14.527      | 1938          | 1945        | 1952         | rVB2     | 1073660        | 1713036       | 30.38%          | 3.911%        |
| 21        | 14.774      | 1981          | 1987        | 1995         | rBV4     | 82589          | 171950        | 3.05%           | 0.393%        |
| 22        | 14.851      | 1996          | 2000        | 2005         | rVB5     | 38430          | 56674         | 1.00%           | 0.129%        |
| 23        | 15.515      | 2106          | 2113        | 2122         | rVB      | 2318025        | 3237887       | 57.42%          | 7.393%        |
| 24        | 15.645      | 2129          | 2135        | 2144         | rBV      | 743719         | 1039595       | 18.43%          | 2.374%        |
| 25        | 15.751      | 2149          | 2153        | 2160         | rVB7     | 36819          | 67331         | 1.19%           | 0.154%        |
| 26        | 17.080      | 2372          | 2379        | 2382         | rBV3     | 76507          | 124175        | 2.20%           | 0.284%        |
| 27        | 17.274      | 2406          | 2412        | 2418         | rBV      | 1591447        | 2230460       | 39.55%          | 5.093%        |
| 28        | 17.374      | 2423          | 2429        | 2438         | rVV      | 2762160        | 3820681       | 67.75%          | 8.724%        |
| 29        | 17.815      | 2500          | 2504        | 2508         | rVB7     | 38595          | 59837         | 1.06%           | 0.137%        |
| 30        | 18.121      | 2551          | 2556        | 2559         | rBV7     | 51664          | 97870         | 1.74%           | 0.223%        |
| 31        | 19.298      | 2751          | 2756        | 2760         | rBV5     | 49028          | 96403         | 1.71%           | 0.220%        |
| 32        | 19.392      | 2769          | 2772        | 2778         | rBV8     | 81629          | 122347        | 2.17%           | 0.279%        |
| 33        | 19.539      | 2794          | 2797        | 2804         | rVB4     | 77690          | 130923        | 2.32%           | 0.299%        |
| 34        | 19.662      | 2812          | 2818        | 2824         | rBV      | 3833729        | 4953933       | 87.84%          | 11.311%       |

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Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 21.439 | 3116 | 3120 | 3126 | rvB  | 2557831 | 3148543 | 55.83%  | 7.189%  |
| 36 | 23.627 | 3486 | 3492 | 3503 | rvB2 | 2968668 | 5639414 | 100.00% | 12.877% |
| 37 | 23.774 | 3511 | 3517 | 3525 | rvB  | 1629064 | 3122092 | 55.36%  | 7.129%  |

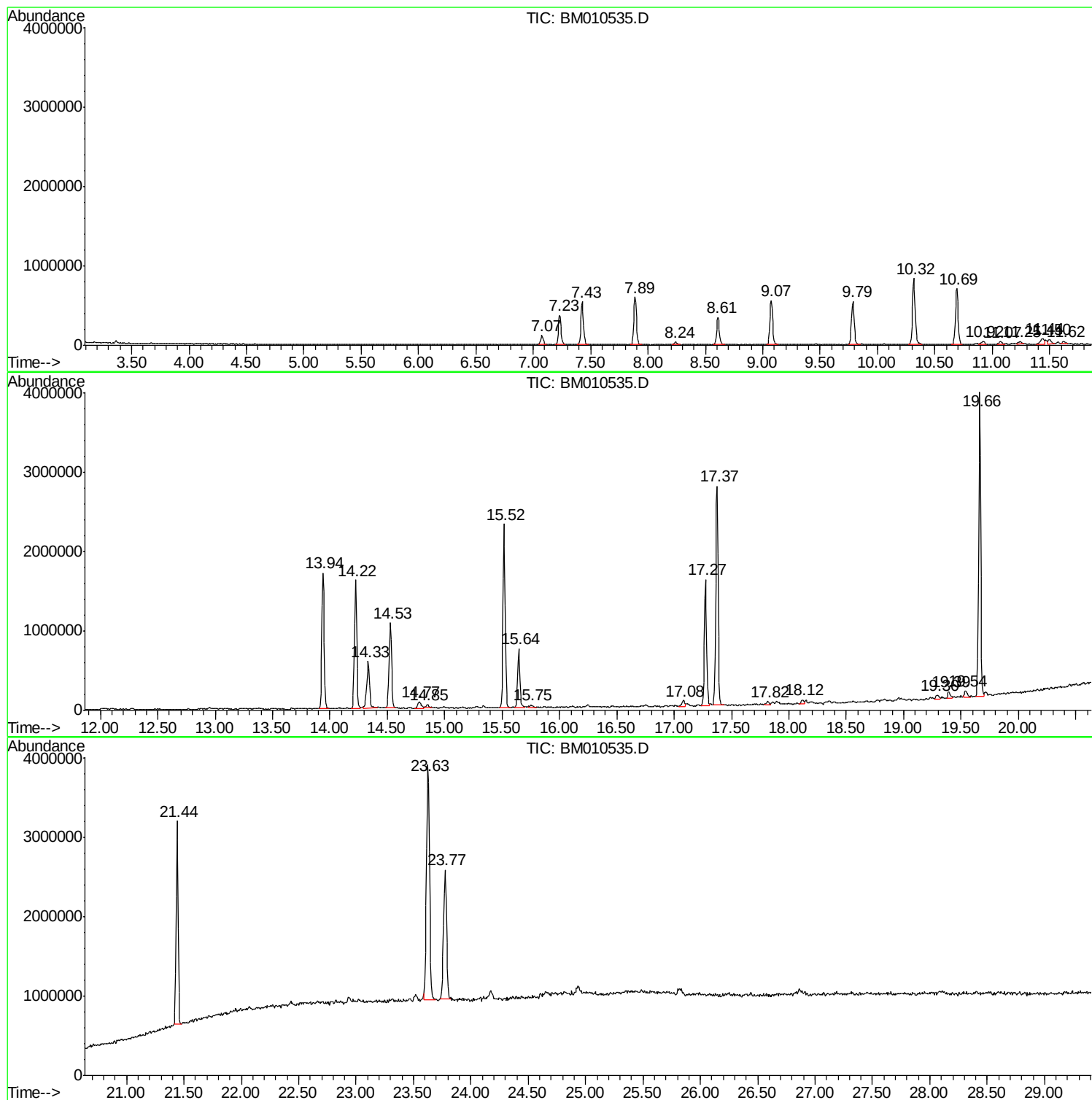
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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION

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



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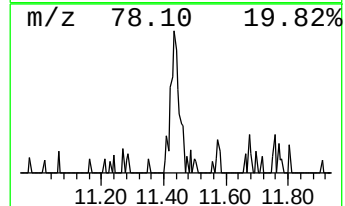
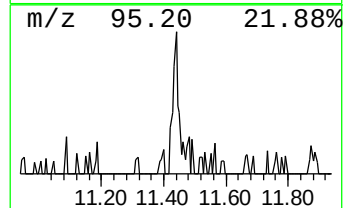
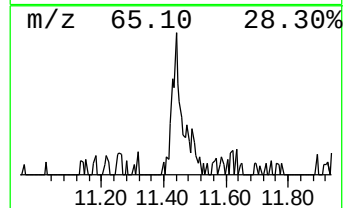
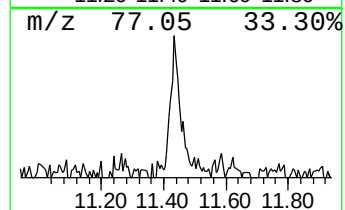
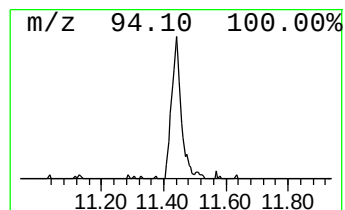
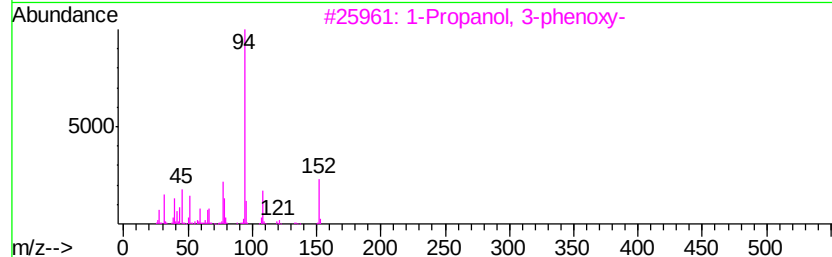
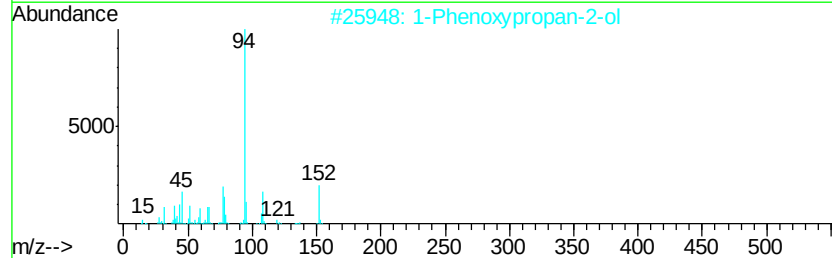
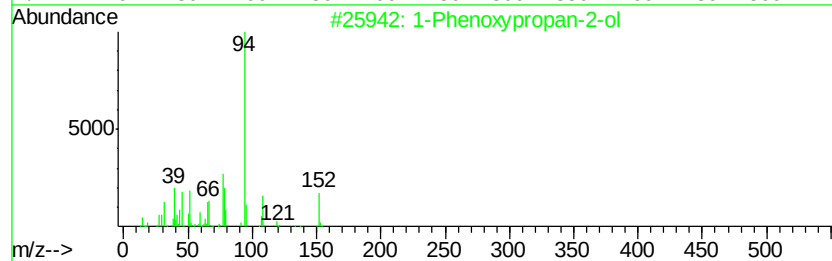
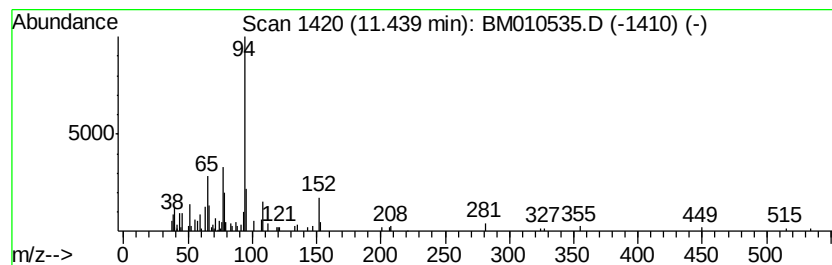
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Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 2

| R.T.    | EstConc                | Area         | Relative to ISTD | R.T.      |
|---------|------------------------|--------------|------------------|-----------|
| 11.44   | 3.13 ng/ul             | 185046       | Napthalene-d8    | 10.69     |
| Hit# of | 5                      | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1-Phenoxypropan-2-ol   | 152 C9H12O2  | 000770-35-4      | 83        |
| 2       | 1-Phenoxypropan-2-ol   | 152 C9H12O2  | 000770-35-4      | 64        |
| 3       | 1-Propanol, 3-phenoxy- | 152 C9H12O2  | 006180-61-6      | 59        |
| 4       | 3-Aminopyridine        | 94 C5H6N2    | 000462-08-8      | 43        |
| 5       | Ethanol, 2-phenoxy-    | 138 C8H10O2  | 000122-99-6      | 40        |



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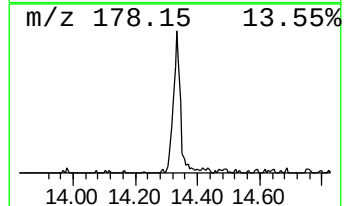
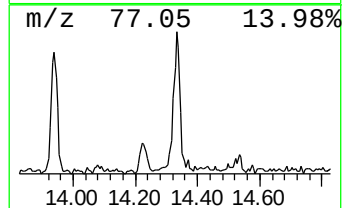
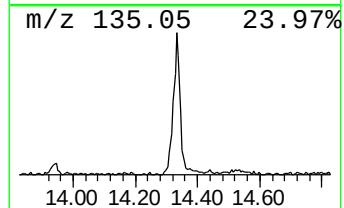
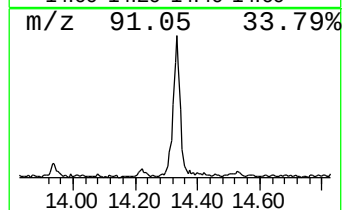
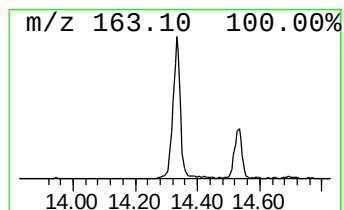
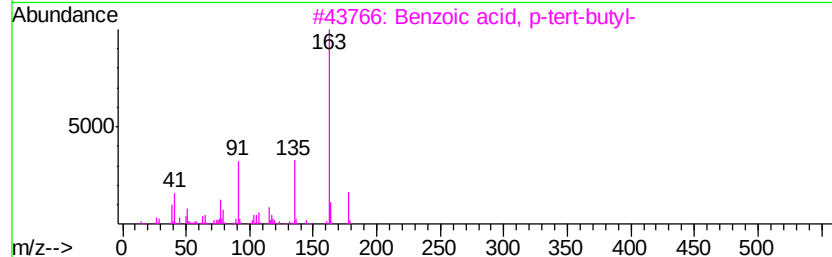
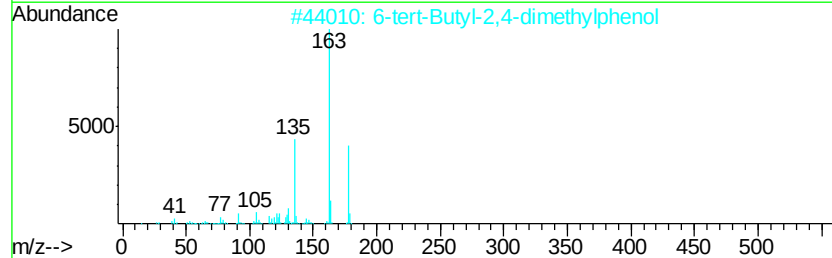
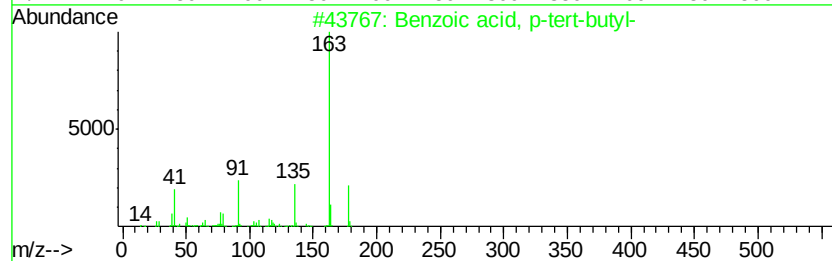
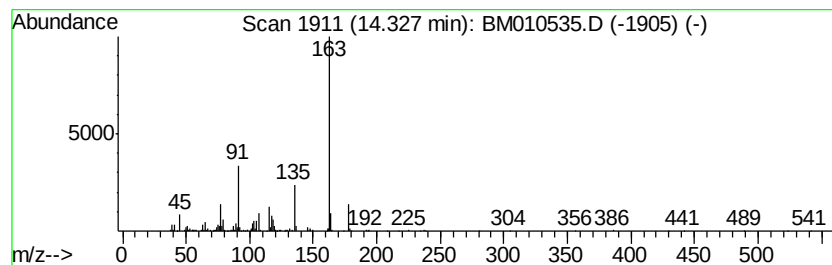
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Peak Number 2 Benzoic acid, p-tert-butyl- Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 14.33 | 11.21 ng/ul | 960404 | Acenaphthene-d10 | 14.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzoic acid, p-tert-butyl-         | 178 | C11H14O2 | 000098-73-7 | 91   |
| 2    |    | 6-tert-Butyl-2,4-dimethylphenol     | 178 | C12H18O  | 001879-09-0 | 64   |
| 3    |    | Benzoic acid, p-tert-butyl-         | 178 | C11H14O2 | 000098-73-7 | 60   |
| 4    |    | Benzoic acid, 4-acetyl-, methyl ... | 178 | C10H10O3 | 003609-53-8 | 59   |
| 5    |    | 3-Methyl-2-propionyl-benzoic acid   | 192 | C11H12O3 | 092945-59-0 | 53   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| 1-Phenoxypropan-2-ol | 11.44 | 3.1     | ng/ul | 185046   | 2                       | 10.69 | 1180680 | 20.0 |
| Benzoic acid, p-t... | 14.33 | 11.2    | ng/ul | 960404   | 3                       | 14.53 | 1713040 | 20.0 |