

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092616\  
 Data File : BM007574.D  
 Acq On : 26 Sep 2016 16:53  
 Operator : UM/SJ  
 Sample : H4855-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H9008

## 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\SOM02.2-EPA-BM092316.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         | 6.952       | 737           | 742         | 753          | rVB      | 209023         | 357114        | 3.73%           | 0.433%        |
| 2         | 7.116       | 763           | 770         | 781          | rBV      | 764641         | 1202441       | 12.56%          | 1.459%        |
| 3         | 7.316       | 796           | 804         | 816          | rBV      | 790974         | 1345286       | 14.06%          | 1.632%        |
| 4         | 7.781       | 876           | 883         | 895          | rBV      | 878636         | 1467720       | 15.34%          | 1.781%        |
| 5         | 8.481       | 995           | 1002        | 1014         | rBV      | 694583         | 1170443       | 12.23%          | 1.420%        |
| 6         | 8.934       | 1071          | 1079        | 1090         | rBV      | 1063092        | 1802172       | 18.83%          | 2.186%        |
| 7         | 9.651       | 1194          | 1201        | 1217         | rBV      | 926093         | 1588227       | 16.60%          | 1.927%        |
| 8         | 10.187      | 1285          | 1292        | 1309         | rBV      | 1156313        | 2268198       | 23.70%          | 2.752%        |
| 9         | 10.563      | 1348          | 1356        | 1364         | rBV      | 1371273        | 2355989       | 24.62%          | 2.858%        |
| 10        | 10.716      | 1375          | 1382        | 1396         | rBV      | 85416          | 204806        | 2.14%           | 0.248%        |
| 11        | 13.822      | 1903          | 1910        | 1923         | rBV      | 3259578        | 4474821       | 46.76%          | 5.429%        |
| 12        | 14.104      | 1949          | 1958        | 1970         | rBV      | 3269115        | 4948871       | 51.71%          | 6.004%        |
| 13        | 14.410      | 2003          | 2010        | 2016         | rBV      | 2619814        | 3818366       | 39.90%          | 4.632%        |
| 14        | 14.469      | 2016          | 2020        | 2038         | rVV      | 303428         | 545828        | 5.70%           | 0.662%        |
| 15        | 14.628      | 2042          | 2047        | 2066         | rVB2     | 162071         | 436856        | 4.56%           | 0.530%        |
| 16        | 15.404      | 2172          | 2179        | 2194         | rBV      | 4642320        | 6674760       | 69.74%          | 8.098%        |
| 17        | 15.533      | 2194          | 2201        | 2212         | rVV      | 1670107        | 2457170       | 25.68%          | 2.981%        |
| 18        | 17.157      | 2470          | 2477        | 2487         | rBV2     | 3491918        | 5170391       | 54.03%          | 6.273%        |
| 19        | 17.251      | 2487          | 2493        | 2508         | rVV2     | 5195517        | 7733785       | 80.81%          | 9.382%        |
| 20        | 18.045      | 2623          | 2628        | 2637         | rBV      | 84860          | 133112        | 1.39%           | 0.161%        |
| 21        | 19.180      | 2817          | 2821        | 2827         | rBV      | 78156          | 111603        | 1.17%           | 0.135%        |
| 22        | 19.321      | 2841          | 2845        | 2858         | rBV2     | 117193         | 204484        | 2.14%           | 0.248%        |
| 23        | 19.551      | 2877          | 2884        | 2894         | rBV      | 6640459        | 9570272       | 100.00%         | 11.610%       |
| 24        | 21.339      | 3182          | 3188        | 3197         | rBV      | 5318282        | 7106500       | 74.26%          | 8.621%        |
| 25        | 23.456      | 3541          | 3548        | 3560         | rVB2     | 4728703        | 9060029       | 94.67%          | 10.991%       |
| 26        | 23.603      | 3565          | 3573        | 3584         | rVB      | 3029943        | 6218959       | 64.98%          | 7.545%        |

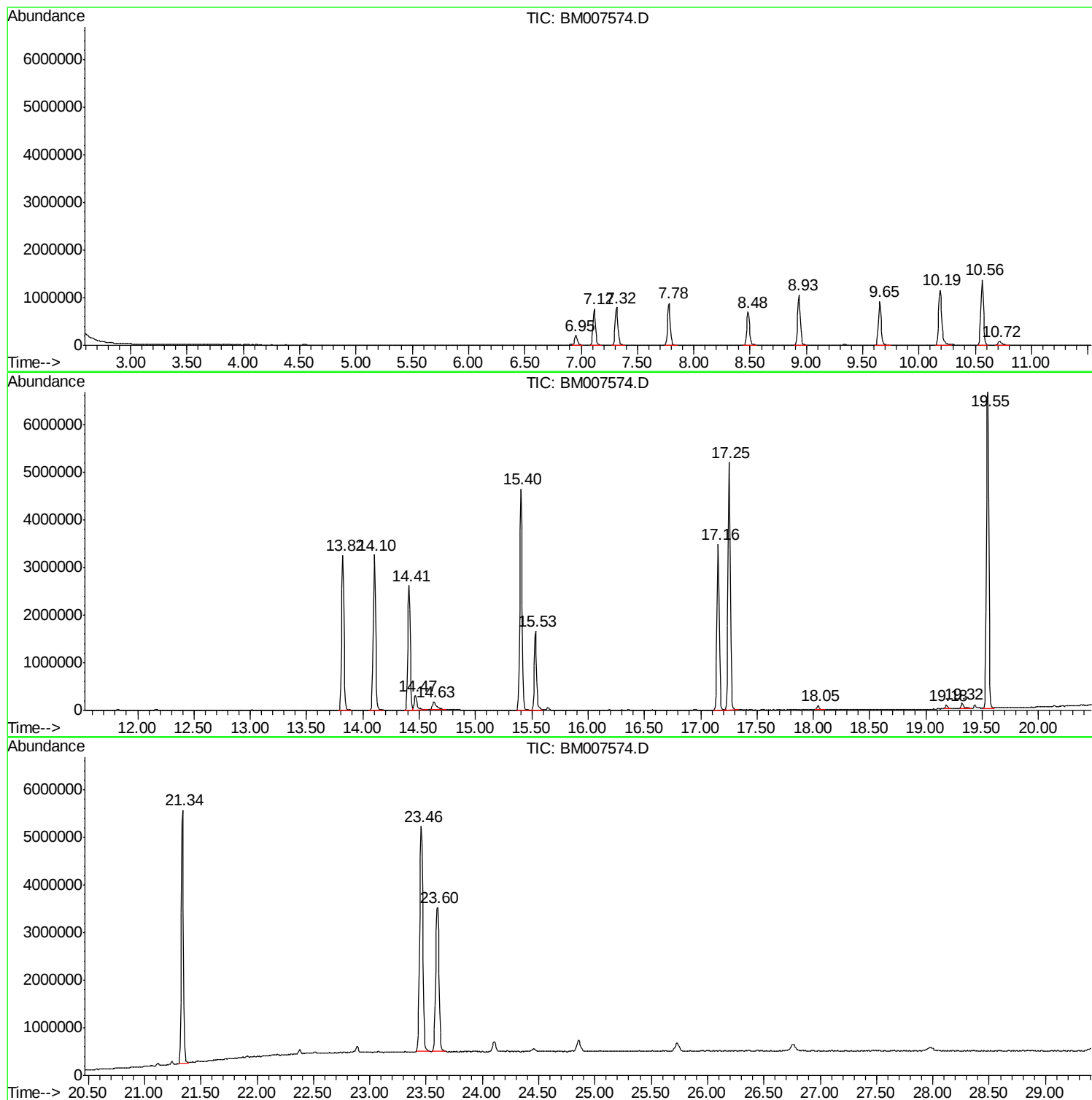
Sum of corrected areas: 82428203

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M  
Quant Title : SVOA CALIBRATION

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



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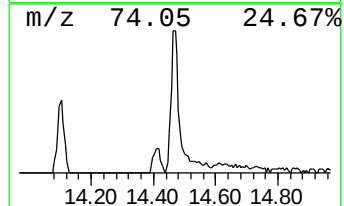
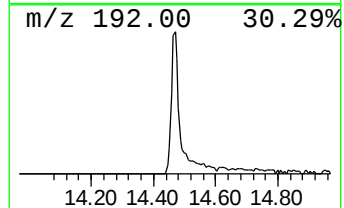
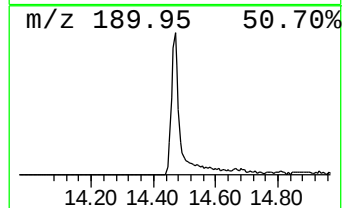
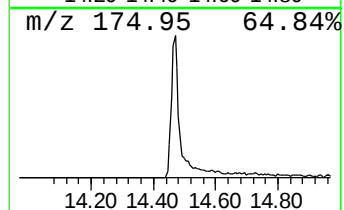
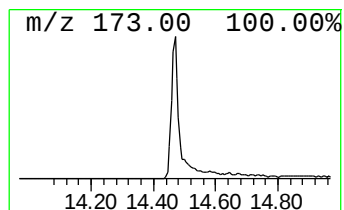
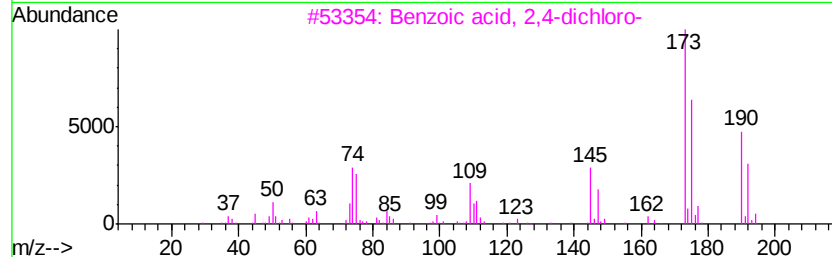
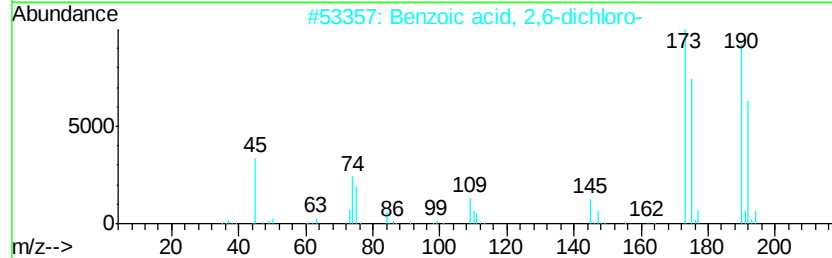
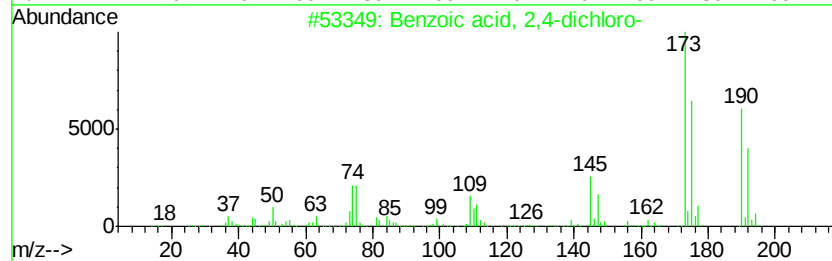
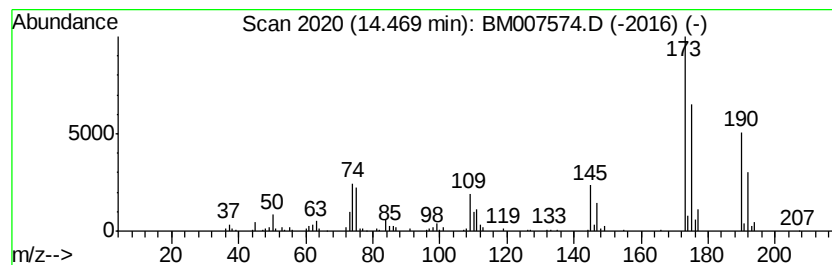
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Peak Number 1 Benzoic acid, 2,4-dichloro- Concentration Rank 1

| R.T.  | EstConc       | Area          | Relative to ISTD |           | R.T.        |      |      |
|-------|---------------|---------------|------------------|-----------|-------------|------|------|
| 14.47 | 2.86 ng/ul    | 545828        | Acenaphthene-d10 |           | 14.41       |      |      |
| Hit#  | of            | 5             | Tentative ID     | MW        | MolForm     | CAS# | Qual |
| 1     | Benzoic acid, | 2,4-dichloro- | 190              | C7H4Cl2O2 | 000050-84-0 | 98   |      |
| 2     | Benzoic acid, | 2,6-dichloro- | 190              | C7H4Cl2O2 | 000050-30-6 | 97   |      |
| 3     | Benzoic acid, | 2,4-dichloro- | 190              | C7H4Cl2O2 | 000050-84-0 | 95   |      |
| 4     | Benzoic acid, | 2,6-dichloro- | 190              | C7H4Cl2O2 | 000050-30-6 | 94   |      |
| 5     | Benzoic acid, | 2,3-dichloro- | 190              | C7H4Cl2O2 | 000050-45-3 | 93   |      |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzoic acid, 2,4... | 14.47 | 2.9     | ng/ul | 545828   | 3                     | 14.41 | 3818370 | 20.0 |