

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM110618\  
 Data File : BM017528.D  
 Acq On : 06 Nov 2018 14:45  
 Operator : MJ/SJ  
 Sample : J5704-04MEDL 300X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A40G1MEDL

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.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         | 7.628       | 782           | 789         | 807          | rBV      | 762874         | 1349549       | 18.74%          | 5.012%        |
| 2         | 10.398      | 1253          | 1260        | 1288         | rBV      | 948994         | 1910121       | 26.52%          | 7.094%        |
| 3         | 13.974      | 1863          | 1868        | 1873         | rBV3     | 4994           | 7589          | 0.11%           | 0.028%        |
| 4         | 14.269      | 1912          | 1918        | 1935         | rBV2     | 1592920        | 2750738       | 38.20%          | 10.216%       |
| 5         | 15.286      | 2086          | 2091        | 2096         | rBV      | 14712          | 24180         | 0.34%           | 0.090%        |
| 6         | 15.568      | 2130          | 2139        | 2150         | rBV      | 384276         | 593672        | 8.24%           | 2.205%        |
| 7         | 15.874      | 2186          | 2191        | 2199         | rBV      | 232668         | 338834        | 4.71%           | 1.258%        |
| 8         | 16.268      | 2254          | 2258        | 2265         | rVB5     | 16230          | 25459         | 0.35%           | 0.095%        |
| 9         | 16.815      | 2347          | 2351        | 2354         | rBV4     | 7511           | 10530         | 0.15%           | 0.039%        |
| 10        | 16.951      | 2371          | 2374        | 2380         | rVV3     | 5934           | 10294         | 0.14%           | 0.038%        |
| 11        | 17.021      | 2380          | 2386        | 2403         | rVV2     | 2264725        | 3580329       | 49.72%          | 13.297%       |
| 12        | 17.151      | 2403          | 2408        | 2413         | rVV5     | 14297          | 32278         | 0.45%           | 0.120%        |
| 13        | 17.215      | 2417          | 2419        | 2423         | rVB2     | 7032           | 7475          | 0.10%           | 0.028%        |
| 14        | 17.651      | 2486          | 2493        | 2500         | rBV5     | 18512          | 42607         | 0.59%           | 0.158%        |
| 15        | 17.780      | 2511          | 2515        | 2518         | rVB4     | 5887           | 7534          | 0.10%           | 0.028%        |
| 16        | 17.945      | 2539          | 2543        | 2545         | rBV4     | 13776          | 17925         | 0.25%           | 0.067%        |
| 17        | 18.574      | 2647          | 2650        | 2651         | rBV3     | 7585           | 8040          | 0.11%           | 0.030%        |
| 18        | 19.227      | 2758          | 2761        | 2766         | rBV7     | 12448          | 20666         | 0.29%           | 0.077%        |
| 19        | 19.445      | 2793          | 2798        | 2801         | rBV5     | 18323          | 39532         | 0.55%           | 0.147%        |
| 20        | 21.150      | 3083          | 3088        | 3092         | rBV      | 6637405        | 7201329       | 100.00%         | 26.744%       |
| 21        | 21.221      | 3095          | 3100        | 3113         | rVV      | 3394786        | 4641061       | 64.45%          | 17.236%       |
| 22        | 23.421      | 3467          | 3474        | 3486         | rVB      | 2274735        | 4306888       | 59.81%          | 15.995%       |

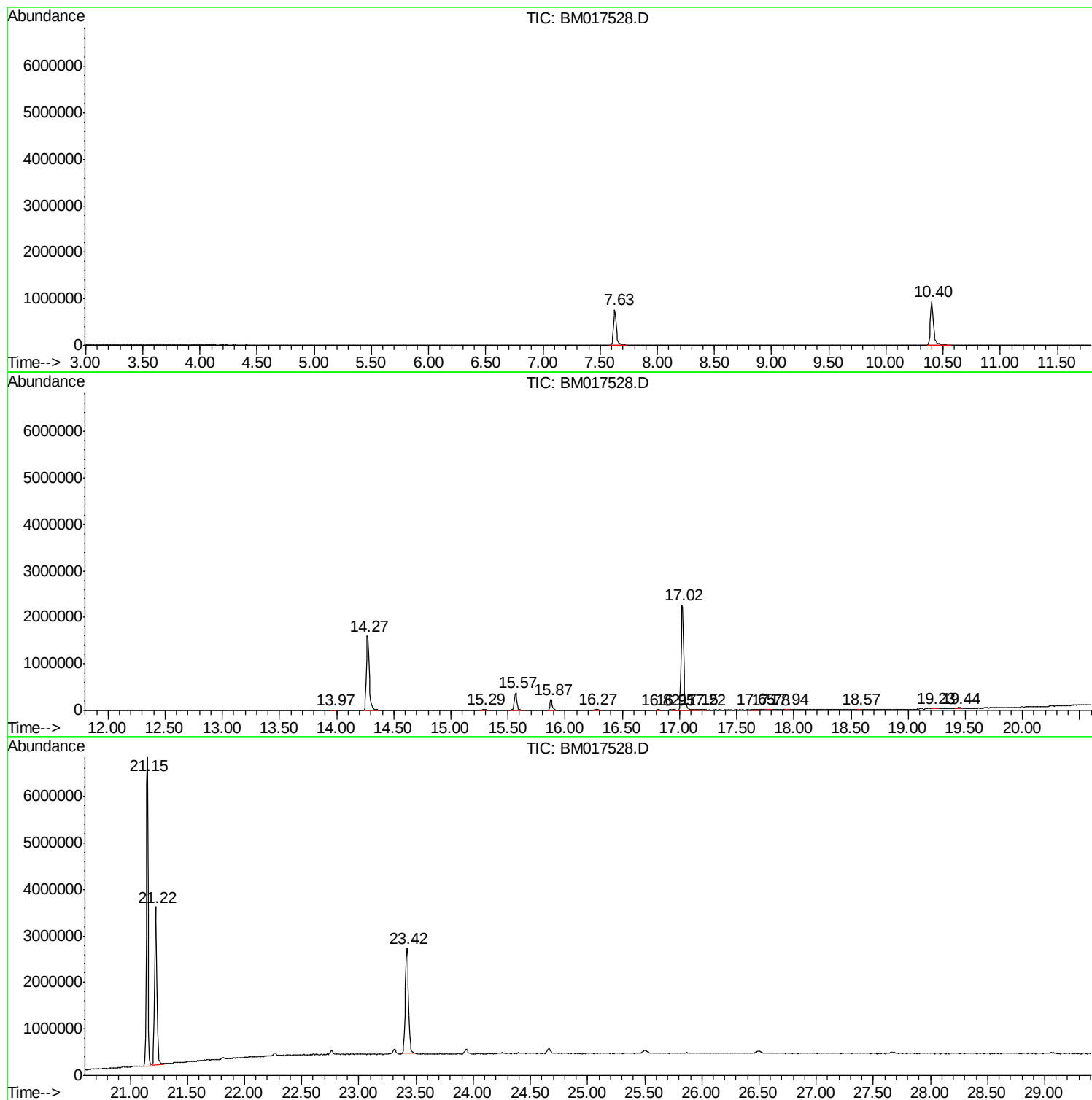
Sum of corrected areas: 26926630

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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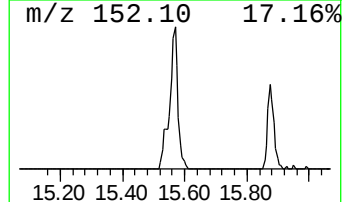
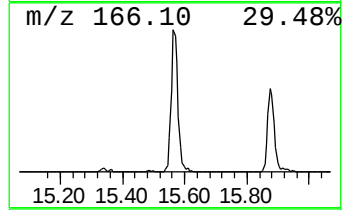
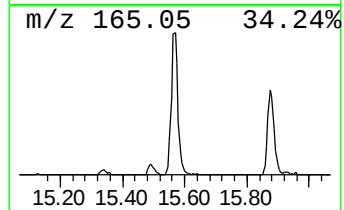
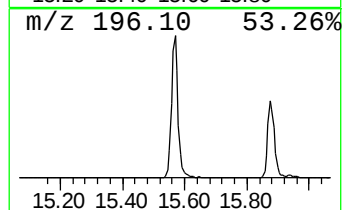
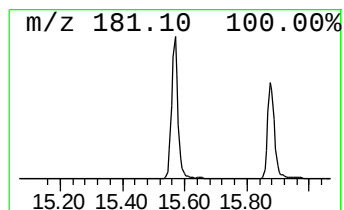
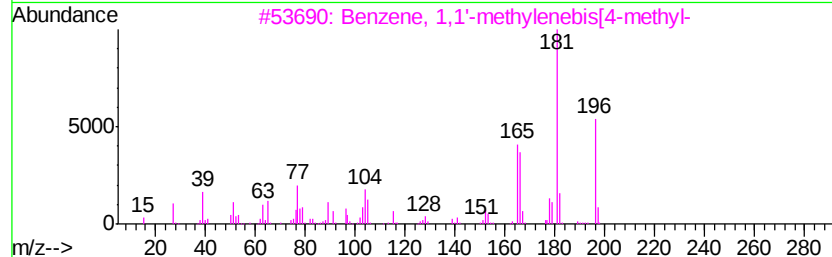
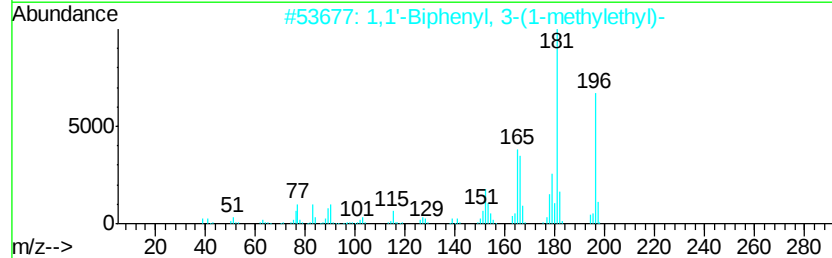
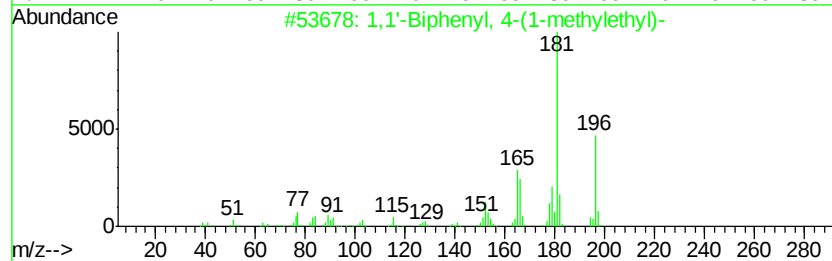
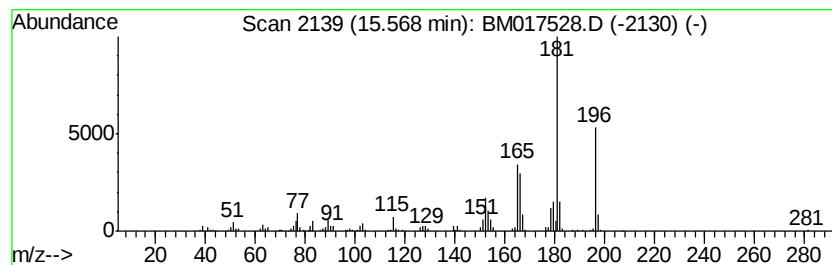
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 1

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 15.57   | 4.32 ng/ul                          | 593672       | Acenaphthene-d10 | 14.27     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 C15H16   | 007116-95-2      | 94        |
| 2       | 1,1'-Biphenyl, 3-(1-methylethyl)-   | 196 C15H16   | 020282-30-8      | 94        |
| 3       | Benzene, 1,1'-methylenebis[4-met... | 196 C15H16   | 004957-14-6      | 94        |
| 4       | Benzene, 2,4-dimethyl-1-(phenylm... | 196 C15H16   | 028122-28-3      | 94        |
| 5       | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 C15H16   | 007116-95-2      | 93        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1,1'-Biphenyl, 4-... | 15.57 | 4.3     | ng/ul | 593672   | 3                     | 14.27 | 2750740 | 20.0 |