

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012023\  
 Data File : BN023742.D  
 Acq On : 21 Jan 2023 00:54  
 Operator : CG/JU  
 Sample : 01146-08MEDL 100X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4405MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_N\Methods\SFAM-EPA-BN010523.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN023742.D\data.ms

| 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         | 4.034       | 156           | 161         | 166          | rBV      | 13496          | 21208         | 0.33%           | 0.108%        |
| 2         | 7.052       | 670           | 674         | 679          | rVB4     | 4079           | 6714          | 0.10%           | 0.034%        |
| 3         | 7.216       | 699           | 702         | 709          | rVB4     | 4855           | 9044          | 0.14%           | 0.046%        |
| 4         | 7.422       | 732           | 737         | 744          | rVB5     | 4432           | 8246          | 0.13%           | 0.042%        |
| 5         | 7.893       | 810           | 817         | 825          | rBV      | 710433         | 1104890       | 17.22%          | 5.640%        |
| 6         | 8.605       | 934           | 938         | 946          | rBV6     | 3397           | 6521          | 0.10%           | 0.033%        |
| 7         | 9.063       | 1009          | 1016        | 1022         | rVB3     | 4306           | 7597          | 0.12%           | 0.039%        |
| 8         | 10.699      | 1287          | 1294        | 1306         | rBV      | 899286         | 1496647       | 23.33%          | 7.640%        |
| 9         | 13.951      | 1839          | 1847        | 1852         | rBV2     | 10358          | 17639         | 0.27%           | 0.090%        |
| 10        | 14.234      | 1890          | 1895        | 1900         | rBV2     | 7823           | 11745         | 0.18%           | 0.060%        |
| 11        | 14.540      | 1940          | 1947        | 1959         | rBV      | 1384594        | 1933679       | 30.14%          | 9.871%        |
| 12        | 15.534      | 2111          | 2116        | 2120         | rVB      | 14471          | 21047         | 0.33%           | 0.107%        |
| 13        | 15.581      | 2120          | 2124        | 2129         | rVB6     | 5192           | 6828          | 0.11%           | 0.035%        |
| 14        | 15.816      | 2156          | 2164        | 2170         | rBV      | 371396         | 469093        | 7.31%           | 2.395%        |
| 15        | 16.128      | 2211          | 2217        | 2223         | rBV      | 221558         | 289510        | 4.51%           | 1.478%        |
| 16        | 16.522      | 2279          | 2284        | 2289         | rBV4     | 3964           | 8760          | 0.14%           | 0.045%        |
| 17        | 17.287      | 2407          | 2414        | 2426         | rBV      | 1695538        | 2223216       | 34.65%          | 11.349%       |
| 18        | 17.381      | 2426          | 2430        | 2438         | rVB4     | 15115          | 23491         | 0.37%           | 0.120%        |
| 19        | 17.887      | 2511          | 2516        | 2522         | rBV7     | 5840           | 11296         | 0.18%           | 0.058%        |
| 20        | 19.675      | 2817          | 2820        | 2826         | rBV4     | 16516          | 25493         | 0.40%           | 0.130%        |
| 21        | 21.386      | 3107          | 3111        | 3118         | rBV      | 5574485        | 6416431       | 100.00%         | 32.755%       |
| 22        | 21.480      | 3121          | 3127        | 3133         | rVV      | 2071002        | 2717487       | 42.35%          | 13.872%       |
| 23        | 23.898      | 3531          | 3538        | 3551         | rVB2     | 1324347        | 2752859       | 42.90%          | 14.053%       |

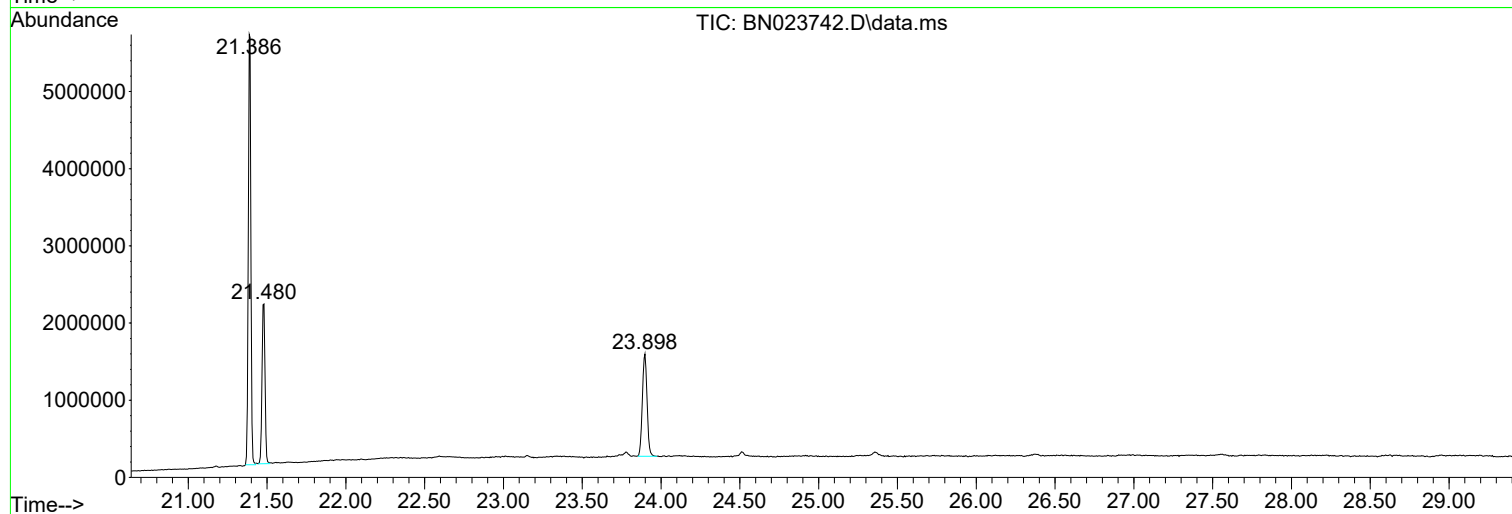
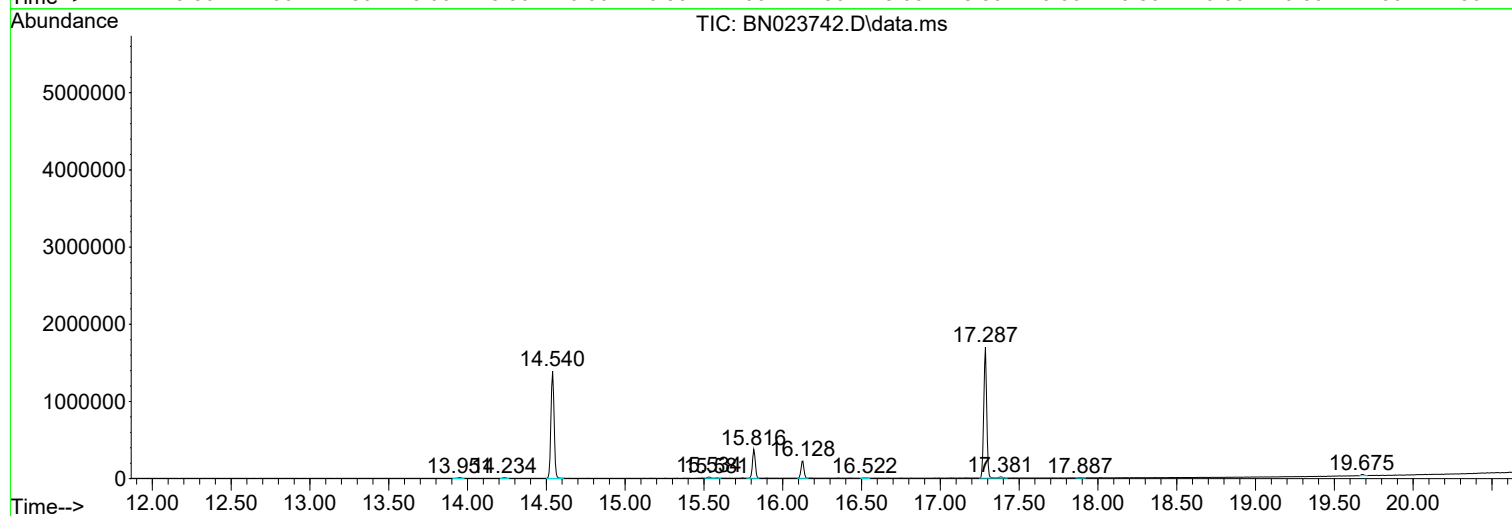
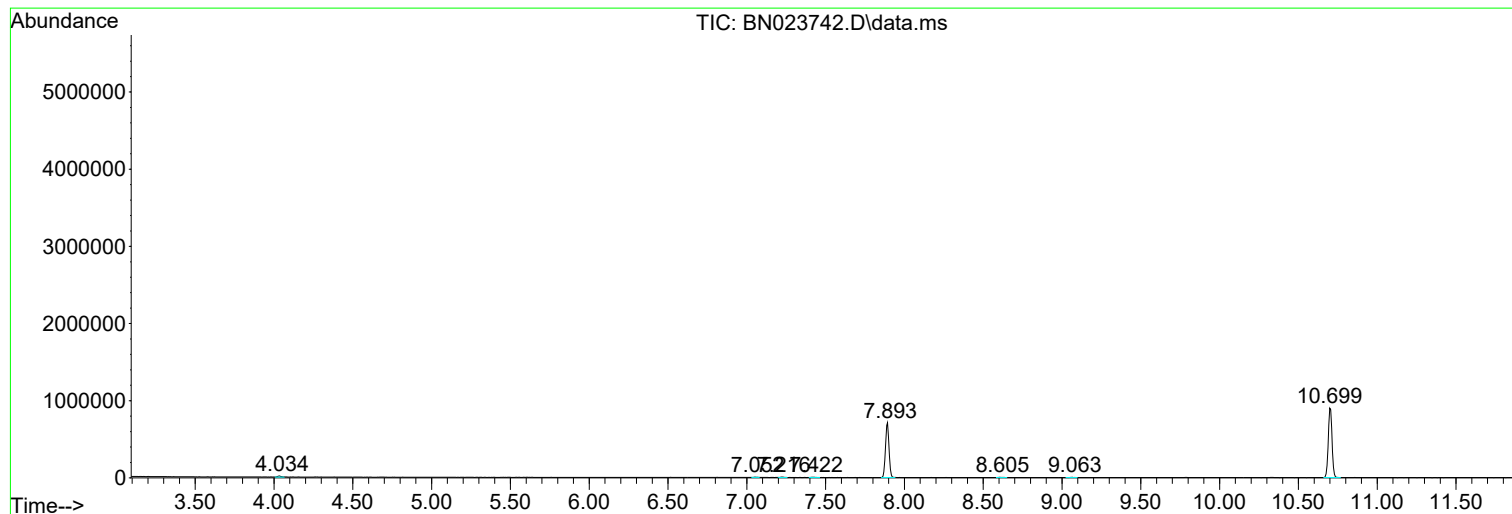
Sum of corrected areas: 19589441

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN010523.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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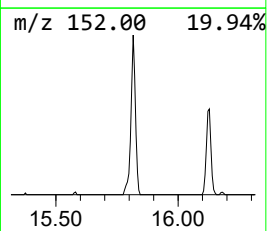
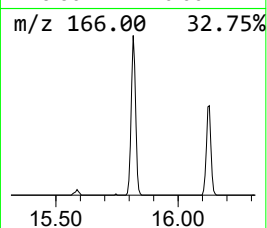
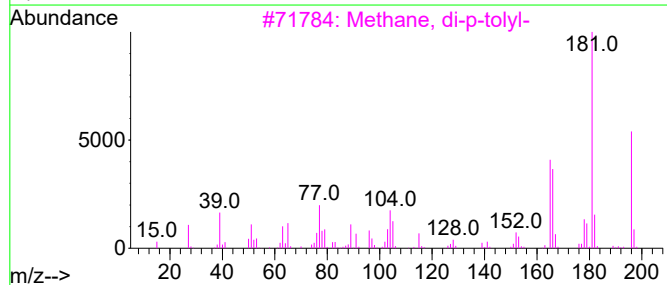
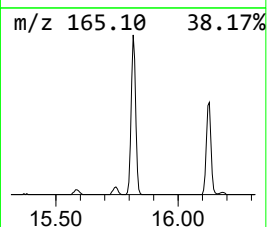
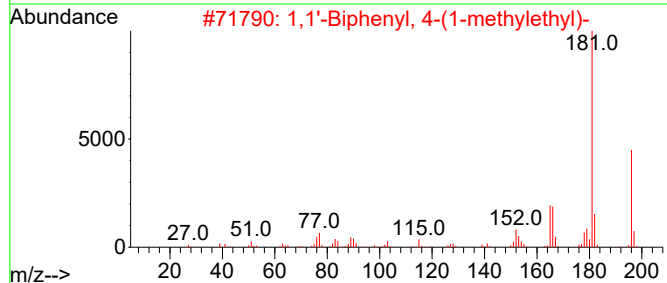
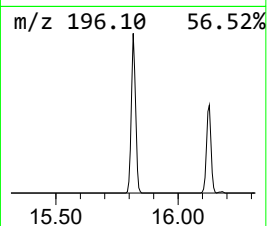
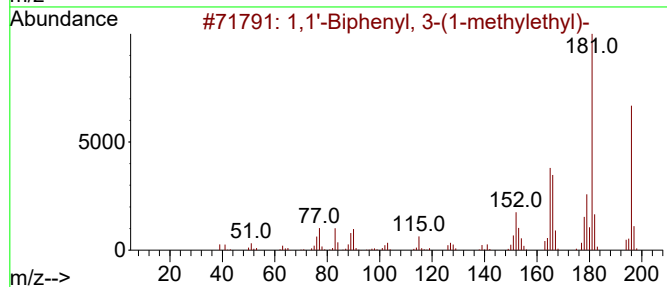
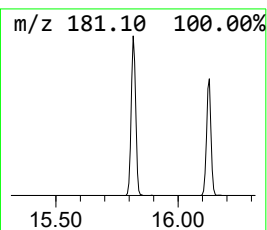
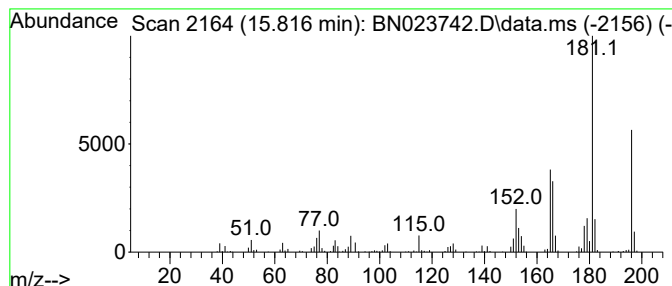
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.816 | 4.85 ng/ul | 469093 | Acenaphthene-d10 | 14.540 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 3-(1-methylethyl)-   | 196 | C15H16       | 020282-30-8 | 94      |      |      |
| 2    | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 | C15H16       | 007116-95-2 | 93      |      |      |
| 3    | Methane, di-p-tolyl-                | 196 | C15H16       | 004957-14-6 | 93      |      |      |
| 4    | Benzene, 3,5-dimethyl-1-(phenylm... | 196 | C15H16       | 028122-27-2 | 93      |      |      |
| 5    | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 | C15H16       | 007116-95-2 | 93      |      |      |



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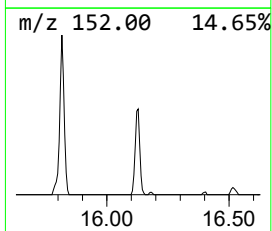
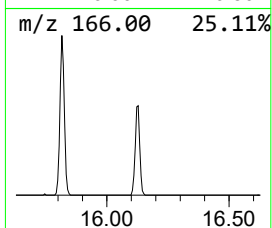
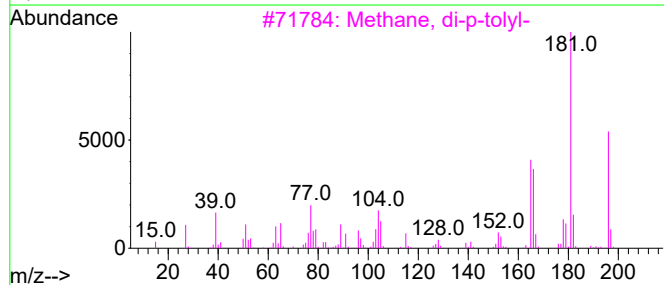
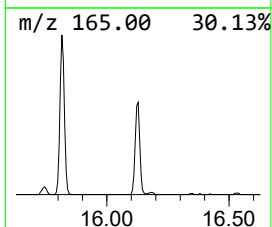
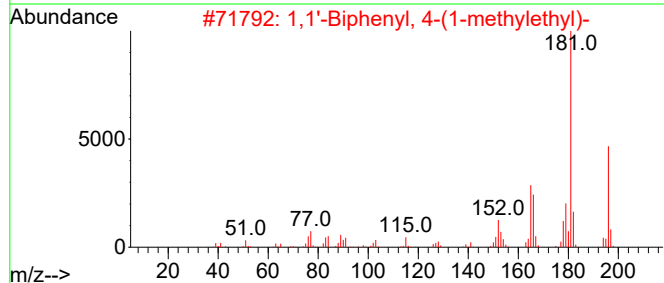
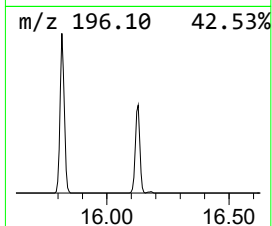
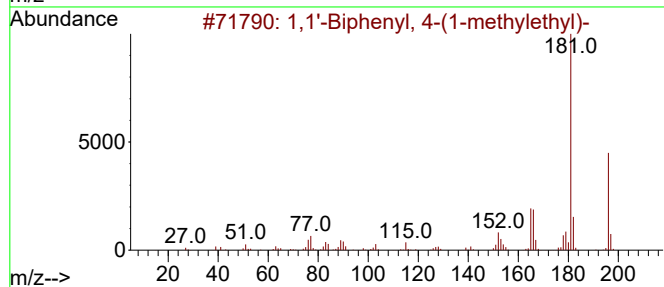
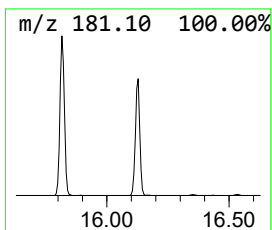
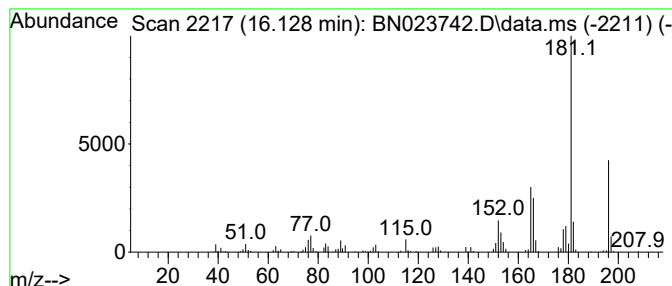
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Peak Number 2 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.128 | 2.60 ng/ul | 289510 | Phenanthrene-d10 | 17.287 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 | C15H16       | 007116-95-2 | 95      |      |      |
| 2    | 1,1'-Biphenyl, 4-(1-methylethyl)-   | 196 | C15H16       | 007116-95-2 | 94      |      |      |
| 3    | Methane, di-p-tolyl-                | 196 | C15H16       | 004957-14-6 | 94      |      |      |
| 4    | Benzene, 1,2-dimethyl-4-(phenylm... | 196 | C15H16       | 013540-56-2 | 91      |      |      |
| 5    | Benzene, 1-methyl-3-[(4-methylph... | 196 | C15H16       | 021895-16-9 | 90      |      |      |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1,1'-Biphenyl, ... | 15.816 | 4.8     | ng/ul | 469093   | 3                     | 14.540 | 1933680 | 20.0 |
| 1,1'-Biphenyl, ... | 16.128 | 2.6     | ng/ul | 289510   | 4                     | 17.287 | 2223220 | 20.0 |