

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111124\  
 Data File : BG063327.D  
 Acq On : 12 Nov 2024 15:55  
 Operator : RC/JU  
 Sample : P4801-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GCPA3

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\_G\Methods\SFAM-EPA-BG110624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG063327.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         | 3.709       | 101           | 106         | 115          | rBV      | 47298          | 91661         | 2.06%           | 0.234%        |
| 2         | 4.038       | 160           | 162         | 167          | rVB5     | 11531          | 14052         | 0.32%           | 0.036%        |
| 3         | 4.273       | 197           | 202         | 205          | rBV6     | 4130           | 6755          | 0.15%           | 0.017%        |
| 4         | 4.538       | 243           | 247         | 250          | rBV2     | 26765          | 43139         | 0.97%           | 0.110%        |
| 5         | 4.961       | 314           | 319         | 320          | rBV3     | 5602           | 9388          | 0.21%           | 0.024%        |
| 6         | 5.290       | 374           | 375         | 379          | rBV4     | 5243           | 6691          | 0.15%           | 0.017%        |
| 7         | 5.407       | 392           | 395         | 397          | rBV3     | 5248           | 6288          | 0.14%           | 0.016%        |
| 8         | 6.318       | 546           | 550         | 553          | rBV2     | 3424           | 6200          | 0.14%           | 0.016%        |
| 9         | 6.418       | 565           | 567         | 570          | rBV2     | 5409           | 7122          | 0.16%           | 0.018%        |
| 10        | 7.005       | 660           | 667         | 674          | rBV2     | 141464         | 245178        | 5.51%           | 0.625%        |
| 11        | 7.164       | 686           | 694         | 705          | rBV      | 308127         | 514910        | 11.57%          | 1.313%        |
| 12        | 7.364       | 722           | 728         | 736          | rBV      | 366899         | 628975        | 14.13%          | 1.604%        |
| 13        | 7.834       | 799           | 808         | 815          | rBV      | 356081         | 591322        | 13.28%          | 1.508%        |
| 14        | 8.539       | 921           | 928         | 938          | rBV2     | 408592         | 702685        | 15.79%          | 1.792%        |
| 15        | 8.985       | 994           | 1004        | 1011         | rBV      | 438763         | 764201        | 17.17%          | 1.949%        |
| 16        | 9.414       | 1072          | 1077        | 1083         | rVB3     | 19694          | 32478         | 0.73%           | 0.083%        |
| 17        | 9.708       | 1118          | 1127        | 1135         | rBV      | 412865         | 726321        | 16.32%          | 1.852%        |
| 18        | 9.767       | 1135          | 1137        | 1142         | rVB4     | 5864           | 7770          | 0.17%           | 0.020%        |
| 19        | 10.049      | 1180          | 1185        | 1188         | rBV4     | 5437           | 10494         | 0.24%           | 0.027%        |
| 20        | 10.249      | 1212          | 1219        | 1232         | rBV      | 631682         | 1152454       | 25.89%          | 2.939%        |
| 21        | 10.554      | 1268          | 1271        | 1274         | rVB2     | 6035           | 7478          | 0.17%           | 0.019%        |
| 22        | 10.625      | 1274          | 1283        | 1292         | rBV      | 559464         | 1018970       | 22.89%          | 2.599%        |
| 23        | 10.760      | 1298          | 1306        | 1314         | rBV      | 466924         | 862305        | 19.37%          | 2.199%        |
| 24        | 11.906      | 1496          | 1501        | 1506         | rBV3     | 23871          | 37681         | 0.85%           | 0.096%        |
| 25        | 12.223      | 1550          | 1555        | 1561         | rBV5     | 8744           | 17444         | 0.39%           | 0.044%        |
| 26        | 12.787      | 1648          | 1651        | 1654         | rBV4     | 8156           | 10676         | 0.24%           | 0.027%        |
| 27        | 13.363      | 1743          | 1749        | 1758         | rBV3     | 18725          | 38442         | 0.86%           | 0.098%        |
| 28        | 13.880      | 1828          | 1837        | 1848         | rBV      | 1289719        | 1961492       | 44.06%          | 5.002%        |
| 29        | 14.115      | 1873          | 1877        | 1878         | rBV3     | 6292           | 7007          | 0.16%           | 0.018%        |
| 30        | 14.162      | 1878          | 1885        | 1899         | rVB2     | 1422604        | 2233265       | 50.17%          | 5.695%        |
| 31        | 14.473      | 1931          | 1938        | 1946         | rVB      | 1069373        | 1705994       | 38.32%          | 4.351%        |
| 32        | 14.685      | 1968          | 1974        | 1986         | rBV2     | 125151         | 270131        | 6.07%           | 0.689%        |
| 33        | 14.832      | 1997          | 1999        | 2004         | rVB5     | 4455           | 6536          | 0.15%           | 0.017%        |
| 34        | 15.119      | 2045          | 2048        | 2051         | rBV4     | 7622           | 9099          | 0.20%           | 0.023%        |
| 35        | 15.172      | 2053          | 2057        | 2059         | rVB4     | 5858           | 6773          | 0.15%           | 0.017%        |
| 36        | 15.219      | 2061          | 2065        | 2068         | rVB3     | 9006           | 14094         | 0.32%           | 0.036%        |

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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\_G\Methods\SFAM-EPA-BG110624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.272 | 2071 | 2074 | 2081 | rVV3 | 22143   | 37504   | 0.84%   | 0.096%  |
| 38 | 15.466 | 2100 | 2107 | 2114 | rBV  | 2049243 | 3043513 | 68.37%  | 7.762%  |
| 39 | 15.519 | 2114 | 2116 | 2121 | rVB4 | 5448    | 6260    | 0.14%   | 0.016%  |
| 40 | 15.589 | 2123 | 2128 | 2139 | rVV  | 690026  | 999137  | 22.44%  | 2.548%  |
| 41 | 15.836 | 2166 | 2170 | 2176 | rVB5 | 8849    | 13813   | 0.31%   | 0.035%  |
| 42 | 16.018 | 2198 | 2201 | 2205 | rBV6 | 8701    | 16560   | 0.37%   | 0.042%  |
| 43 | 16.195 | 2227 | 2231 | 2233 | rBV3 | 6692    | 12016   | 0.27%   | 0.031%  |
| 44 | 16.371 | 2256 | 2261 | 2263 | rBV4 | 9907    | 13080   | 0.29%   | 0.033%  |
| 45 | 16.641 | 2302 | 2307 | 2310 | rBV6 | 7493    | 15178   | 0.34%   | 0.039%  |
| 46 | 16.700 | 2315 | 2317 | 2321 | rVB5 | 9250    | 10877   | 0.24%   | 0.028%  |
| 47 | 16.817 | 2335 | 2337 | 2342 | rVB5 | 8296    | 6245    | 0.14%   | 0.016%  |
| 48 | 17.141 | 2388 | 2392 | 2396 | rBV2 | 107211  | 135195  | 3.04%   | 0.345%  |
| 49 | 17.223 | 2400 | 2406 | 2414 | rVV  | 1469633 | 2197415 | 49.36%  | 5.604%  |
| 50 | 17.323 | 2416 | 2423 | 2435 | rVV  | 2489893 | 3725197 | 83.68%  | 9.500%  |
| 51 | 17.505 | 2452 | 2454 | 2460 | rBV3 | 15580   | 19868   | 0.45%   | 0.051%  |
| 52 | 17.716 | 2485 | 2490 | 2493 | rBV6 | 15578   | 24530   | 0.55%   | 0.063%  |
| 53 | 17.893 | 2515 | 2520 | 2526 | rVB7 | 73506   | 98518   | 2.21%   | 0.251%  |
| 54 | 18.057 | 2546 | 2548 | 2552 | rVB3 | 17535   | 20052   | 0.45%   | 0.051%  |
| 55 | 18.122 | 2555 | 2559 | 2566 | rBV3 | 75904   | 132651  | 2.98%   | 0.338%  |
| 56 | 18.339 | 2591 | 2596 | 2607 | rBV  | 276084  | 518257  | 11.64%  | 1.322%  |
| 57 | 18.551 | 2628 | 2632 | 2637 | rVB3 | 104722  | 135548  | 3.04%   | 0.346%  |
| 58 | 18.615 | 2640 | 2643 | 2645 | rBV4 | 9814    | 11121   | 0.25%   | 0.028%  |
| 59 | 18.985 | 2704 | 2706 | 2709 | rBV4 | 8623    | 10109   | 0.23%   | 0.026%  |
| 60 | 19.179 | 2736 | 2739 | 2747 | rVB6 | 42217   | 67984   | 1.53%   | 0.173%  |
| 61 | 19.250 | 2747 | 2751 | 2755 | rBV  | 41254   | 63107   | 1.42%   | 0.161%  |
| 62 | 19.285 | 2755 | 2757 | 2764 | rVB7 | 23513   | 32200   | 0.72%   | 0.082%  |
| 63 | 19.403 | 2775 | 2777 | 2782 | rBV6 | 12228   | 21059   | 0.47%   | 0.054%  |
| 64 | 19.620 | 2808 | 2814 | 2821 | rBV  | 3227160 | 4451527 | 100.00% | 11.352% |
| 65 | 19.802 | 2843 | 2845 | 2847 | rBV3 | 9399    | 8202    | 0.18%   | 0.021%  |
| 66 | 20.108 | 2895 | 2897 | 2898 | rBV2 | 9435    | 6689    | 0.15%   | 0.017%  |
| 67 | 20.877 | 3026 | 3028 | 3029 | rBV2 | 13151   | 7693    | 0.17%   | 0.020%  |
| 68 | 21.477 | 3123 | 3130 | 3141 | rVB  | 1609224 | 2547957 | 57.24%  | 6.498%  |
| 69 | 22.246 | 3257 | 3261 | 3264 | rVB6 | 30085   | 40949   | 0.92%   | 0.104%  |
| 70 | 24.303 | 3601 | 3611 | 3623 | rVB  | 1721928 | 4402732 | 98.90%  | 11.228% |
| 71 | 24.508 | 3637 | 3646 | 3657 | rVB  | 1000997 | 2583757 | 58.04%  | 6.589%  |

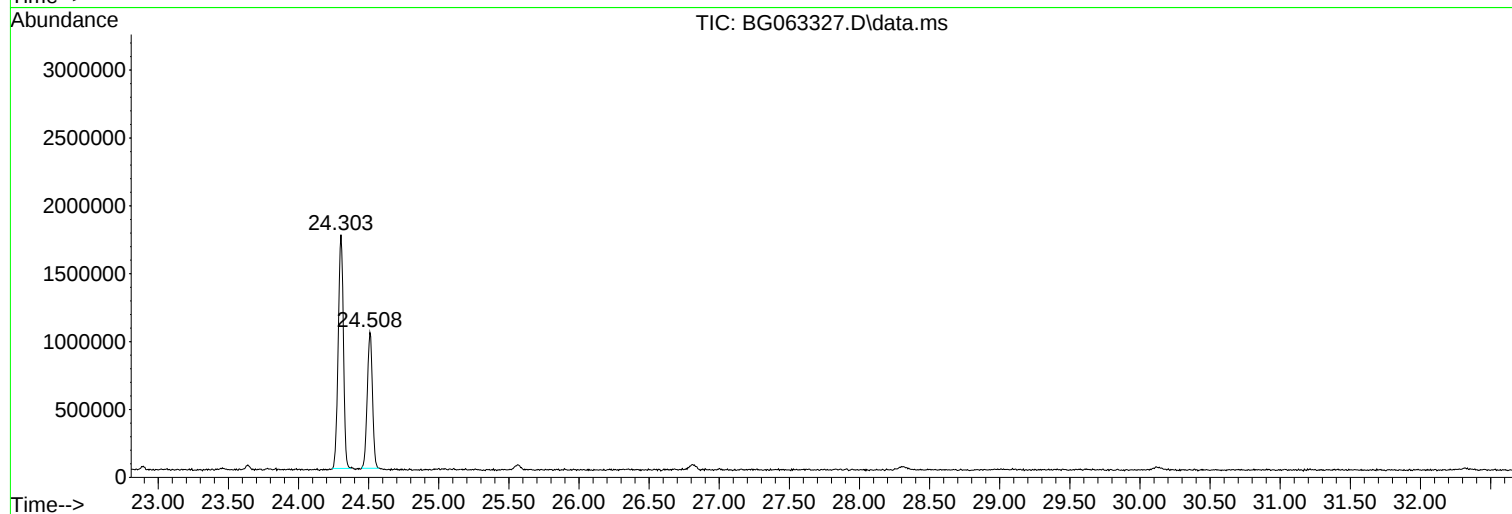
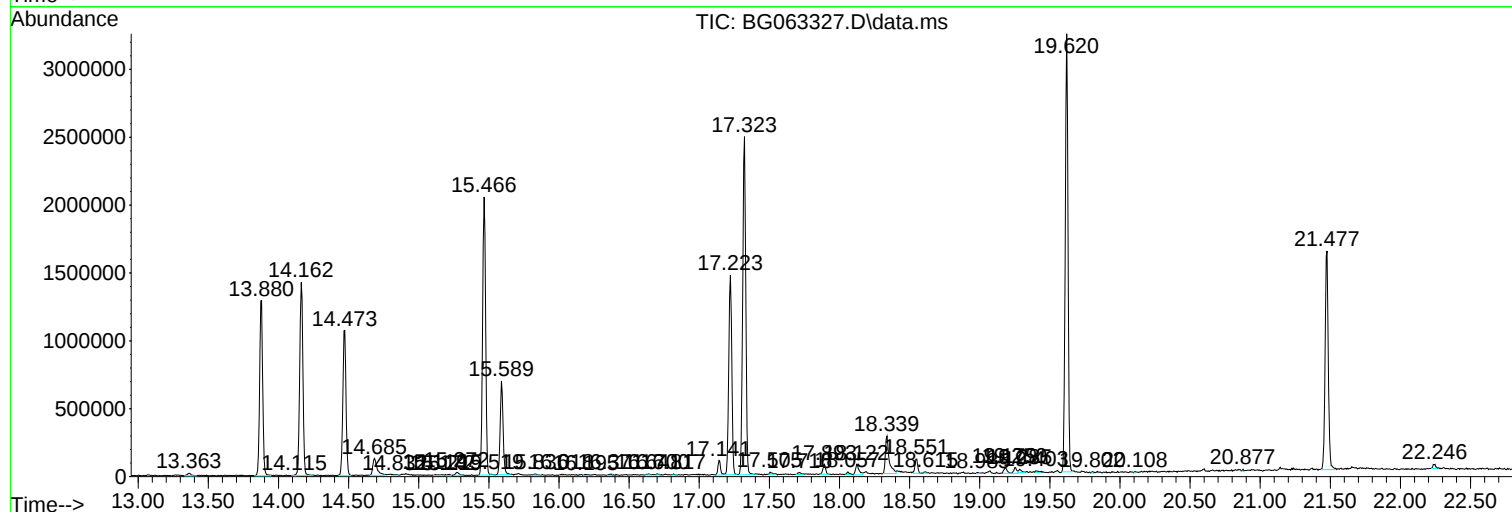
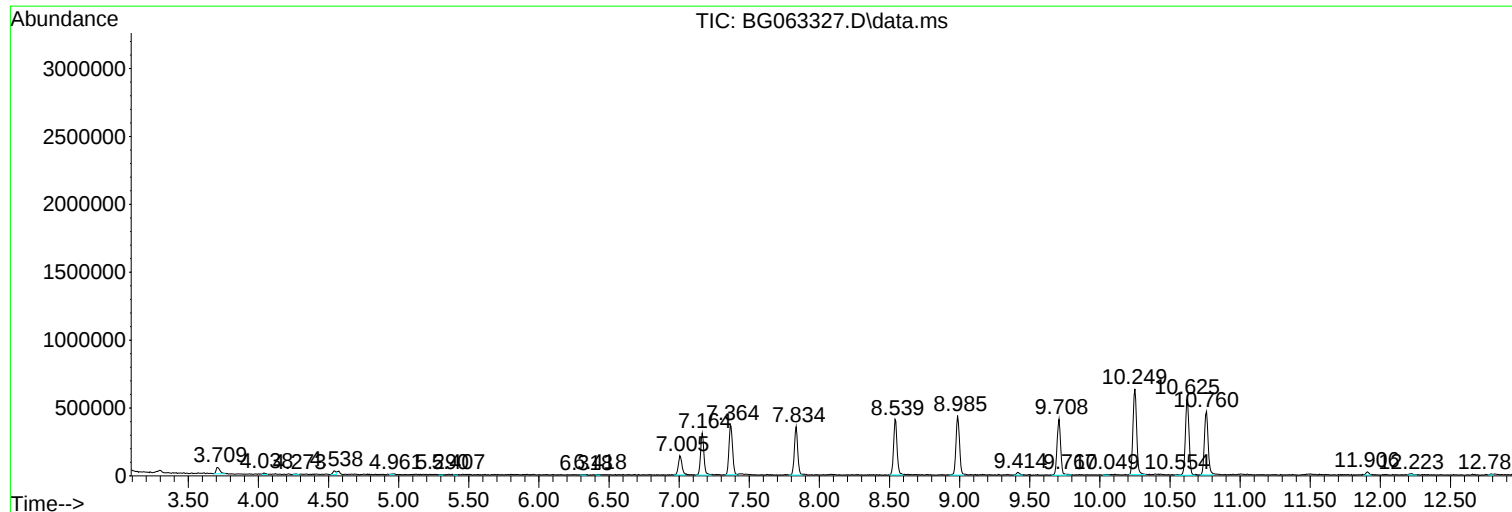
Sum of corrected areas: 39211971

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Sample : P4801-02  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111124\  
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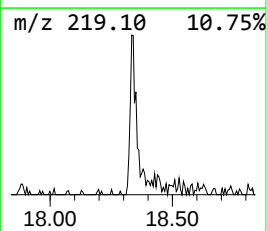
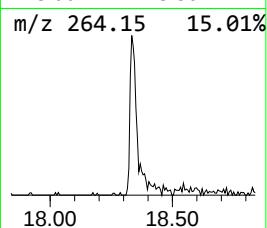
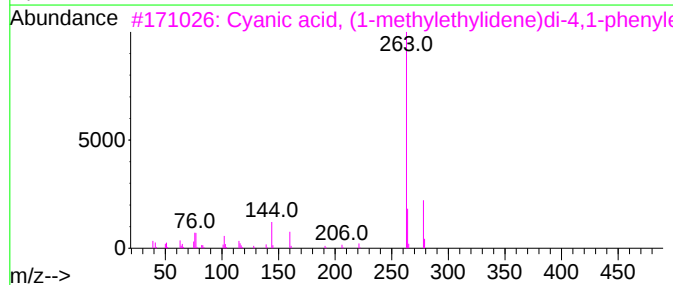
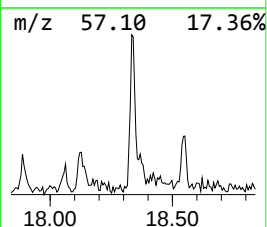
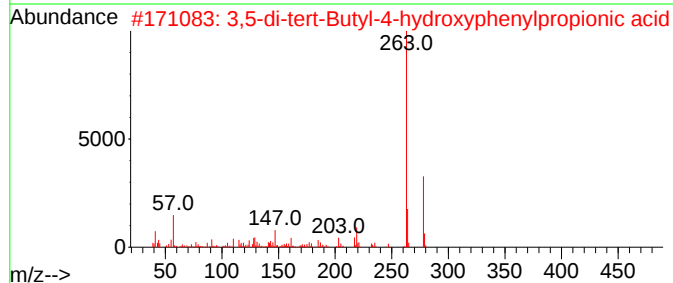
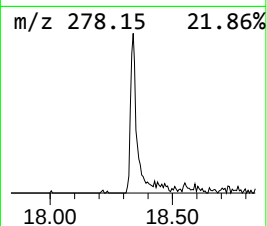
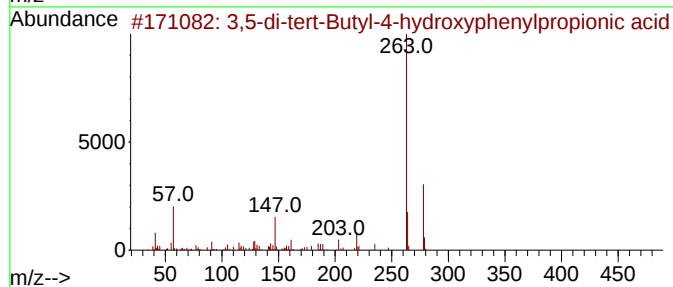
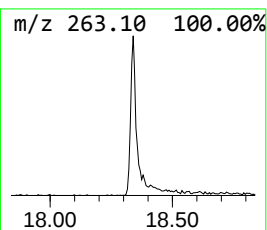
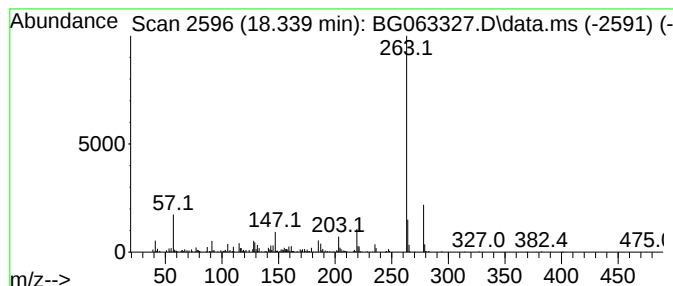
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.339 | 4.72 ng/ul | 518257 | Phenanthrene-d10 | 17.223 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3   | 020170-32-5  | 94   |
| 2    |    |   | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3   | 020170-32-5  | 60   |
| 3    |    |   | Cyanic acid, (1-methylethylidene... | 278 | C17H14N2O2 | 001156-51-0  | 59   |
| 4    |    |   | 3-Chloro-1-diethylamino-7-ethyl-... | 292 | C15H21ClN4 | 1000274-36-7 | 50   |
| 5    |    |   | Iron, (.eta.-5-cyclopentadienyl)... | 263 | C15H13FeN  | 1010164-28-2 | 47   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 3,5-di-tert-But... | 18.339 | 4.7     | ng/u1 | 518257   | 4                     | 17.223 | 2197420 | 20.0 |