

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
 Data File : BG023669.D  
 Acq On : 12 Aug 2016 23:29  
 Operator : UM/SJ  
 Sample : H4385-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P002-SS004-0612-01

## 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.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         | 3.484       | 107           | 110         | 117          | rVB3     | 18458          | 27602         | 1.01%           | 0.085%        |
| 2         | 3.607       | 129           | 131         | 135          | rVB5     | 8076           | 7640          | 0.28%           | 0.024%        |
| 3         | 4.459       | 275           | 276         | 282          | rVB4     | 12975          | 13348         | 0.49%           | 0.041%        |
| 4         | 4.553       | 288           | 292         | 293          | rBV3     | 5964           | 6771          | 0.25%           | 0.021%        |
| 5         | 4.894       | 348           | 350         | 354          | rVB3     | 5917           | 4773          | 0.17%           | 0.015%        |
| 6         | 4.976       | 361           | 364         | 366          | rBV4     | 7249           | 8325          | 0.30%           | 0.026%        |
| 7         | 5.176       | 394           | 398         | 406          | rVB      | 34920          | 58785         | 2.15%           | 0.181%        |
| 8         | 6.098       | 554           | 555         | 559          | rVB3     | 5720           | 5262          | 0.19%           | 0.016%        |
| 9         | 6.292       | 587           | 588         | 594          | rBV5     | 4836           | 8122          | 0.30%           | 0.025%        |
| 10        | 6.539       | 629           | 630         | 633          | rBV3     | 4400           | 4732          | 0.17%           | 0.015%        |
| 11        | 6.727       | 660           | 662         | 667          | rVB4     | 5043           | 8110          | 0.30%           | 0.025%        |
| 12        | 6.926       | 693           | 696         | 700          | rBV5     | 7758           | 11145         | 0.41%           | 0.034%        |
| 13        | 7.267       | 748           | 754         | 765          | rBV      | 389408         | 690594        | 25.23%          | 2.125%        |
| 14        | 7.373       | 769           | 772         | 775          | rBV4     | 4556           | 6559          | 0.24%           | 0.020%        |
| 15        | 7.426       | 775           | 781         | 788          | rVV      | 298851         | 493222        | 18.02%          | 1.518%        |
| 16        | 7.637       | 807           | 817         | 825          | rBV      | 359771         | 657189        | 24.01%          | 2.022%        |
| 17        | 7.790       | 841           | 843         | 848          | rVB5     | 5608           | 7030          | 0.26%           | 0.022%        |
| 18        | 7.884       | 857           | 859         | 862          | rBV2     | 5910           | 5492          | 0.20%           | 0.017%        |
| 19        | 8.113       | 891           | 898         | 905          | rBV2     | 434116         | 747782        | 27.32%          | 2.301%        |
| 20        | 8.254       | 919           | 922         | 925          | rBV5     | 3702           | 5512          | 0.20%           | 0.017%        |
| 21        | 8.413       | 947           | 949         | 951          | rBV3     | 4761           | 5586          | 0.20%           | 0.017%        |
| 22        | 8.824       | 1011          | 1019        | 1028         | rVV2     | 439791         | 802901        | 29.33%          | 2.470%        |
| 23        | 8.883       | 1028          | 1029        | 1034         | rVB5     | 7876           | 7688          | 0.28%           | 0.024%        |
| 24        | 9.112       | 1066          | 1068        | 1072         | rBV3     | 5174           | 7061          | 0.26%           | 0.022%        |
| 25        | 9.294       | 1090          | 1099        | 1107         | rBV      | 383685         | 715028        | 26.12%          | 2.200%        |
| 26        | 9.400       | 1113          | 1117        | 1125         | rBV3     | 24227          | 55891         | 2.04%           | 0.172%        |
| 27        | 9.470       | 1128          | 1129        | 1133         | rVB3     | 6308           | 5626          | 0.21%           | 0.017%        |
| 28        | 9.511       | 1133          | 1136        | 1139         | rBV4     | 6233           | 5734          | 0.21%           | 0.018%        |
| 29        | 9.699       | 1165          | 1168        | 1172         | rVB5     | 4432           | 7332          | 0.27%           | 0.023%        |
| 30        | 10.022      | 1216          | 1223        | 1231         | rBV      | 337009         | 637328        | 23.28%          | 1.961%        |
| 31        | 10.298      | 1266          | 1270        | 1271         | rVB3     | 5221           | 5467          | 0.20%           | 0.017%        |
| 32        | 10.451      | 1293          | 1296        | 1298         | rBV3     | 5844           | 8873          | 0.32%           | 0.027%        |
| 33        | 10.486      | 1300          | 1302        | 1305         | rBV3     | 5124           | 6052          | 0.22%           | 0.019%        |
| 34        | 10.574      | 1310          | 1317        | 1330         | rVV      | 492872         | 957524        | 34.98%          | 2.946%        |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
 Data File : BG023669.D  
 Acq On : 12 Aug 2016 23:29  
 Operator : UM/SJ  
 Sample : H4385-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P002-SS004-0612-01

## 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 10.815 | 1354 | 1358 | 1360 | rBV4 | 5595    | 6671    | 0.24%  | 0.021% |
| 36 | 10.851 | 1360 | 1364 | 1367 | rVB5 | 3046    | 5112    | 0.19%  | 0.016% |
| 37 | 10.950 | 1374 | 1381 | 1390 | rBV  | 707485  | 1253652 | 45.80% | 3.857% |
| 38 | 11.091 | 1397 | 1405 | 1412 | rBV  | 430360  | 835375  | 30.52% | 2.570% |
| 39 | 11.338 | 1444 | 1447 | 1451 | rVB4 | 3980    | 7045    | 0.26%  | 0.022% |
| 40 | 11.473 | 1466 | 1470 | 1472 | rBV4 | 3754    | 5090    | 0.19%  | 0.016% |
| 41 | 11.973 | 1552 | 1555 | 1559 | rBV7 | 5968    | 6689    | 0.24%  | 0.021% |
| 42 | 12.172 | 1586 | 1589 | 1594 | rVB6 | 4329    | 5722    | 0.21%  | 0.018% |
| 43 | 12.413 | 1626 | 1630 | 1635 | rBV7 | 4130    | 10683   | 0.39%  | 0.033% |
| 44 | 12.537 | 1647 | 1651 | 1657 | rVB8 | 13258   | 24005   | 0.88%  | 0.074% |
| 45 | 12.607 | 1660 | 1663 | 1667 | rVB3 | 7118    | 10454   | 0.38%  | 0.032% |
| 46 | 12.672 | 1672 | 1674 | 1678 | rBV5 | 5046    | 6500    | 0.24%  | 0.020% |
| 47 | 12.824 | 1693 | 1700 | 1707 | rBV6 | 13279   | 26668   | 0.97%  | 0.082% |
| 48 | 12.954 | 1717 | 1722 | 1724 | rBV5 | 5813    | 4725    | 0.17%  | 0.015% |
| 49 | 13.071 | 1739 | 1742 | 1747 | rVB7 | 6358    | 6449    | 0.24%  | 0.020% |
| 50 | 13.124 | 1749 | 1751 | 1752 | rBV2 | 6635    | 5050    | 0.18%  | 0.016% |
| 51 | 13.277 | 1773 | 1777 | 1779 | rBV3 | 5232    | 5556    | 0.20%  | 0.017% |
| 52 | 13.382 | 1789 | 1795 | 1796 | rBV4 | 9985    | 15768   | 0.58%  | 0.049% |
| 53 | 13.523 | 1815 | 1819 | 1821 | rBV3 | 5155    | 5619    | 0.21%  | 0.017% |
| 54 | 13.559 | 1821 | 1825 | 1826 | rVB4 | 4644    | 5489    | 0.20%  | 0.017% |
| 55 | 13.653 | 1836 | 1841 | 1850 | rVB7 | 18813   | 40507   | 1.48%  | 0.125% |
| 56 | 13.729 | 1850 | 1854 | 1856 | rBV4 | 6478    | 10319   | 0.38%  | 0.032% |
| 57 | 13.805 | 1866 | 1867 | 1870 | rBV3 | 5894    | 6108    | 0.22%  | 0.019% |
| 58 | 13.964 | 1892 | 1894 | 1899 | rVB6 | 11521   | 12479   | 0.46%  | 0.038% |
| 59 | 14.093 | 1913 | 1916 | 1923 | rVB4 | 15512   | 28240   | 1.03%  | 0.087% |
| 60 | 14.181 | 1923 | 1931 | 1935 | rBV  | 972034  | 1498432 | 54.74% | 4.610% |
| 61 | 14.228 | 1935 | 1939 | 1946 | rVB  | 665607  | 938446  | 34.28% | 2.887% |
| 62 | 14.346 | 1952 | 1959 | 1961 | rBV7 | 10827   | 17795   | 0.65%  | 0.055% |
| 63 | 14.481 | 1974 | 1982 | 1995 | rBV  | 1131838 | 1837382 | 67.12% | 5.653% |
| 64 | 14.610 | 2002 | 2004 | 2006 | rVB3 | 7504    | 5698    | 0.21%  | 0.018% |
| 65 | 14.651 | 2006 | 2011 | 2015 | rBV5 | 15358   | 22247   | 0.81%  | 0.068% |
| 66 | 14.728 | 2022 | 2024 | 2025 | rBV2 | 6780    | 5026    | 0.18%  | 0.015% |
| 67 | 14.786 | 2025 | 2034 | 2041 | rVV2 | 1113960 | 1863659 | 68.08% | 5.734% |
| 68 | 14.851 | 2041 | 2045 | 2052 | rVB7 | 16306   | 34689   | 1.27%  | 0.107% |
| 69 | 14.898 | 2052 | 2053 | 2056 | rBV3 | 6068    | 6173    | 0.23%  | 0.019% |
| 70 | 14.957 | 2060 | 2063 | 2065 | rBV4 | 7288    | 6718    | 0.25%  | 0.021% |
| 71 | 15.010 | 2065 | 2072 | 2083 | rBV  | 316475  | 669635  | 24.46% | 2.060% |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
 Data File : BG023669.D  
 Acq On : 12 Aug 2016 23:29  
 Operator : UM/SJ  
 Sample : H4385-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P002-SS004-0612-01

## 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 15.156 | 2093 | 2097 | 2098 | rBV4 | 11880   | 15868   | 0.58%   | 0.049% |
| 73  | 15.180 | 2099 | 2101 | 2109 | rVV7 | 26113   | 40674   | 1.49%   | 0.125% |
| 74  | 15.256 | 2111 | 2114 | 2122 | rVB6 | 23329   | 38094   | 1.39%   | 0.117% |
| 75  | 15.397 | 2132 | 2138 | 2144 | rBV7 | 21357   | 45742   | 1.67%   | 0.141% |
| 76  | 15.562 | 2161 | 2166 | 2170 | rBV4 | 26290   | 54126   | 1.98%   | 0.167% |
| 77  | 15.609 | 2170 | 2174 | 2178 | rVB  | 55906   | 76985   | 2.81%   | 0.237% |
| 78  | 15.662 | 2180 | 2183 | 2187 | rVV5 | 13412   | 19823   | 0.72%   | 0.061% |
| 79  | 15.785 | 2198 | 2204 | 2210 | rBV  | 1456783 | 2218335 | 81.04%  | 6.825% |
| 80  | 15.914 | 2220 | 2226 | 2234 | rBV  | 391761  | 614119  | 22.44%  | 1.890% |
| 81  | 16.014 | 2241 | 2243 | 2247 | rVB5 | 25200   | 28601   | 1.04%   | 0.088% |
| 82  | 16.279 | 2286 | 2288 | 2291 | rVB3 | 16923   | 18760   | 0.69%   | 0.058% |
| 83  | 16.472 | 2317 | 2321 | 2325 | rBV  | 70839   | 110254  | 4.03%   | 0.339% |
| 84  | 16.643 | 2346 | 2350 | 2355 | rBV7 | 21402   | 38812   | 1.42%   | 0.119% |
| 85  | 16.825 | 2378 | 2381 | 2382 | rBV3 | 19865   | 21250   | 0.78%   | 0.065% |
| 86  | 17.271 | 2453 | 2457 | 2462 | rBV2 | 60581   | 88463   | 3.23%   | 0.272% |
| 87  | 17.553 | 2498 | 2505 | 2509 | rBV  | 1493961 | 2291144 | 83.70%  | 7.049% |
| 88  | 17.594 | 2509 | 2512 | 2516 | rVV  | 386918  | 537106  | 19.62%  | 1.653% |
| 89  | 17.653 | 2516 | 2522 | 2532 | rVB  | 1489096 | 2341548 | 85.54%  | 7.205% |
| 90  | 18.141 | 2602 | 2605 | 2610 | rVB4 | 67703   | 99152   | 3.62%   | 0.305% |
| 91  | 18.423 | 2648 | 2653 | 2659 | rBV2 | 357629  | 618182  | 22.58%  | 1.902% |
| 92  | 18.481 | 2659 | 2663 | 2670 | rVB2 | 221747  | 359976  | 13.15%  | 1.108% |
| 93  | 18.617 | 2682 | 2686 | 2691 | rBV3 | 192124  | 357401  | 13.06%  | 1.100% |
| 94  | 18.664 | 2691 | 2694 | 2699 | rVB  | 147424  | 192557  | 7.03%   | 0.592% |
| 95  | 18.922 | 2735 | 2738 | 2742 | rBV4 | 75705   | 108981  | 3.98%   | 0.335% |
| 96  | 19.222 | 2786 | 2789 | 2792 | rVB  | 114265  | 106729  | 3.90%   | 0.328% |
| 97  | 19.345 | 2805 | 2810 | 2814 | rBV  | 257305  | 404848  | 14.79%  | 1.246% |
| 98  | 19.609 | 2850 | 2855 | 2860 | rVB  | 678378  | 1000017 | 36.53%  | 3.077% |
| 99  | 19.944 | 2907 | 2912 | 2915 | rBV  | 1797910 | 2737284 | 100.00% | 8.422% |
| 100 | 21.877 | 3234 | 3241 | 3246 | rBV3 | 1347466 | 2654147 | 96.96%  | 8.166% |

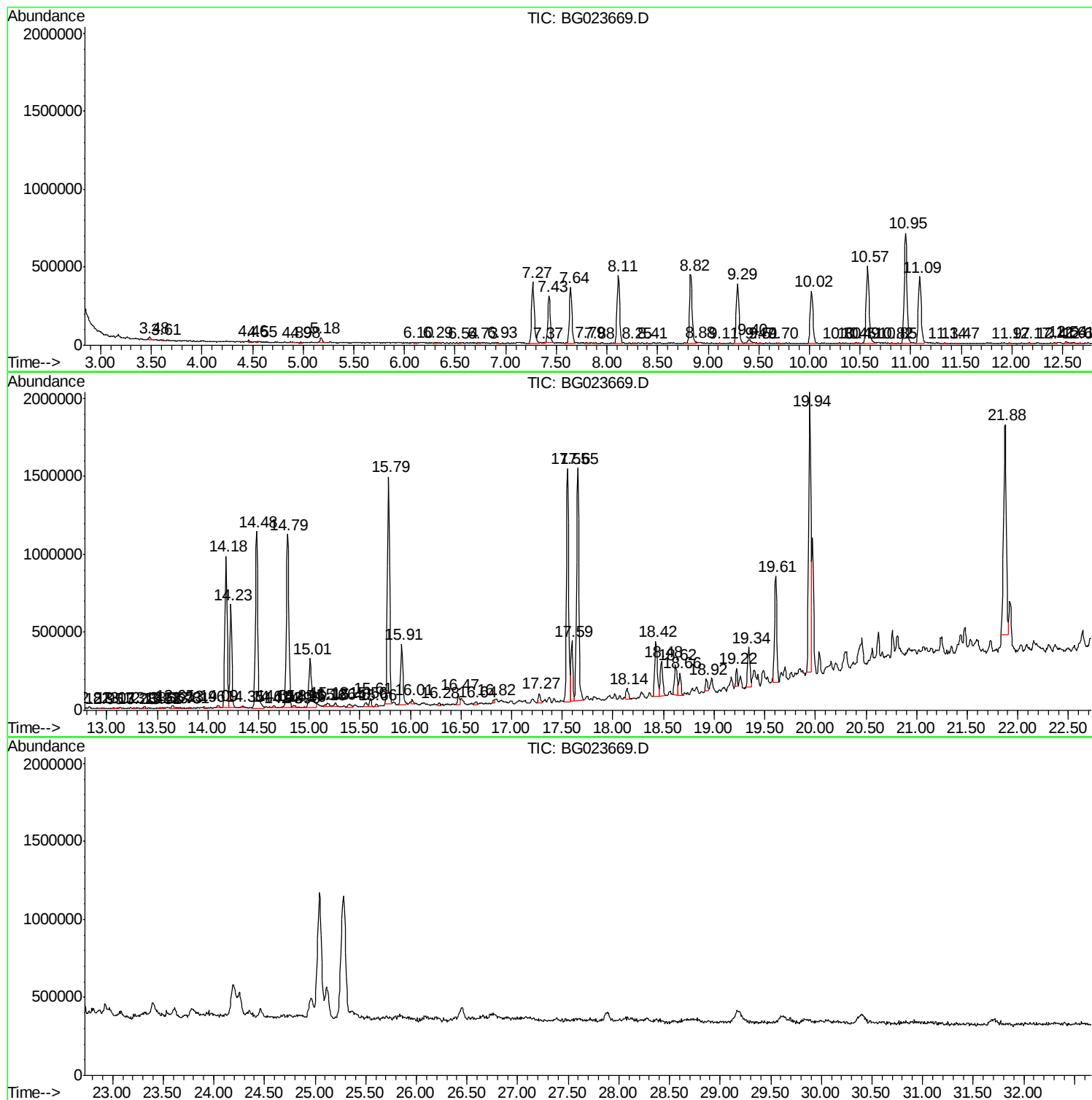
Sum of corrected areas: 32500939

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

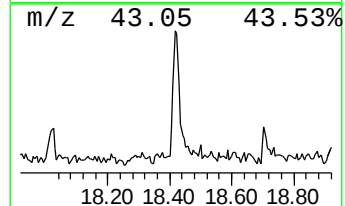
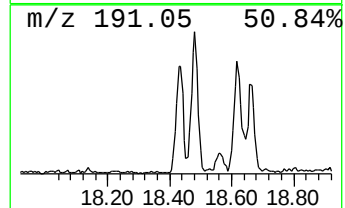
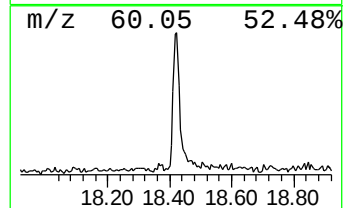
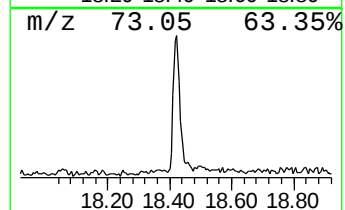
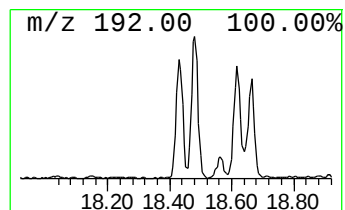
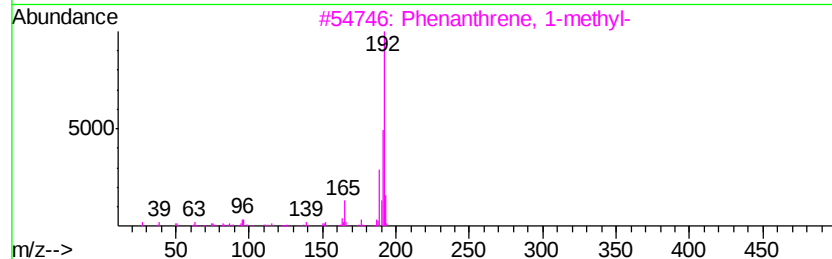
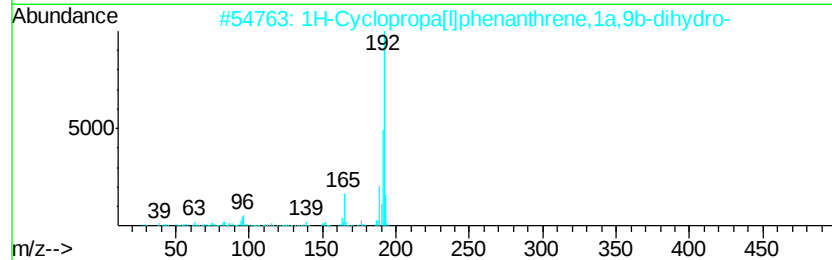
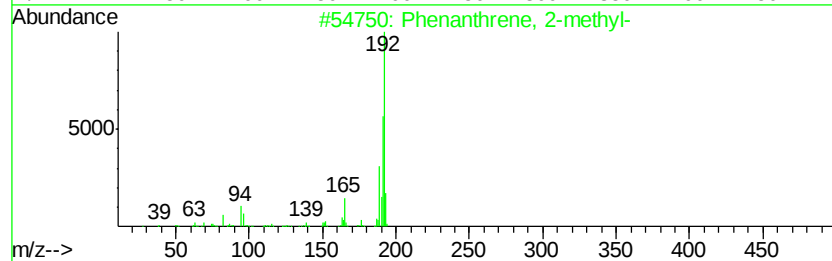
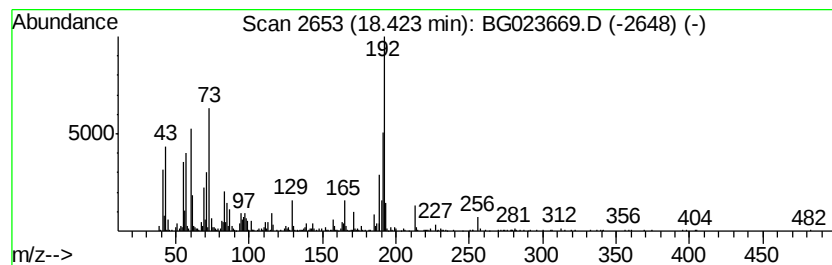
Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.42     | 5.40 ng/ul                          | 618182 | Phenanthrene-d10 | 17.55       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Phenanthrene, 2-methyl-             | 192    | C15H12           | 002531-84-2 | 95   |
| 2         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192    | C15H12           | 000949-41-7 | 92   |
| 3         | Phenanthrene, 1-methyl-             | 192    | C15H12           | 000832-69-9 | 91   |
| 4         | Phenanthrene, 1-methyl-             | 192    | C15H12           | 000832-69-9 | 91   |
| 5         | Anthracene, 2-methyl-               | 192    | C15H12           | 000613-12-7 | 91   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

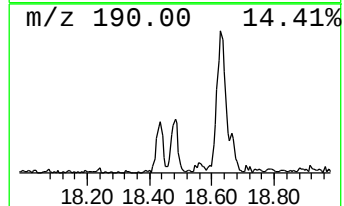
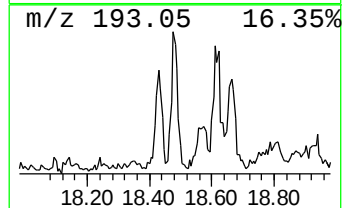
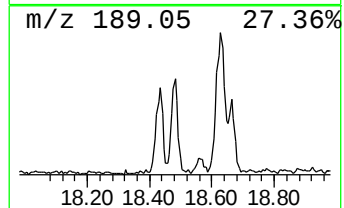
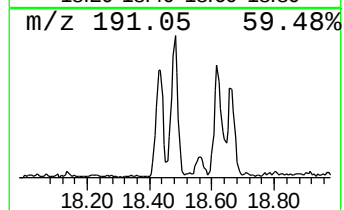
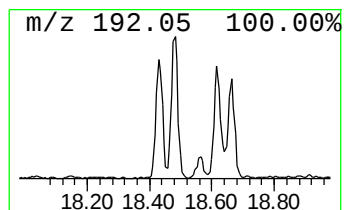
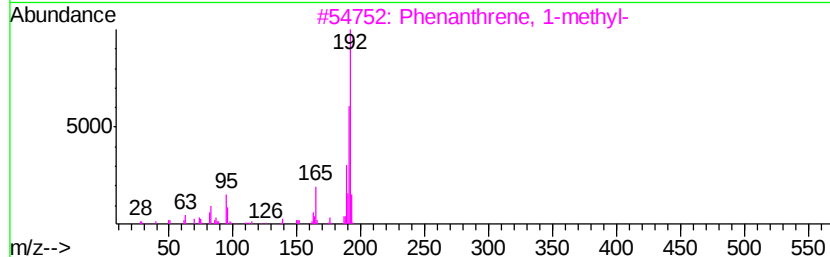
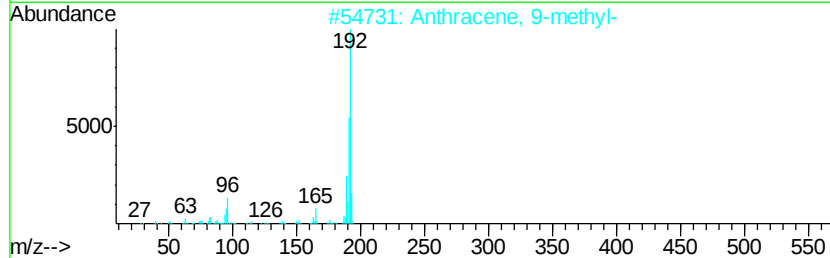
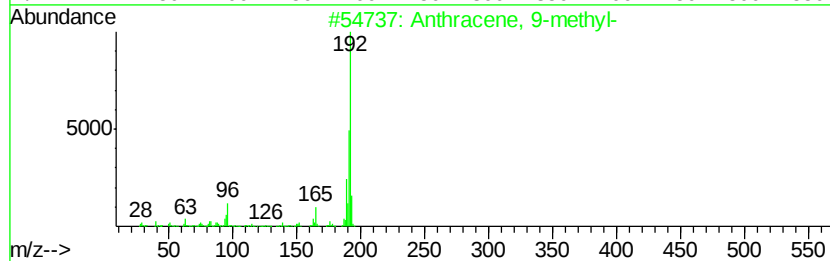
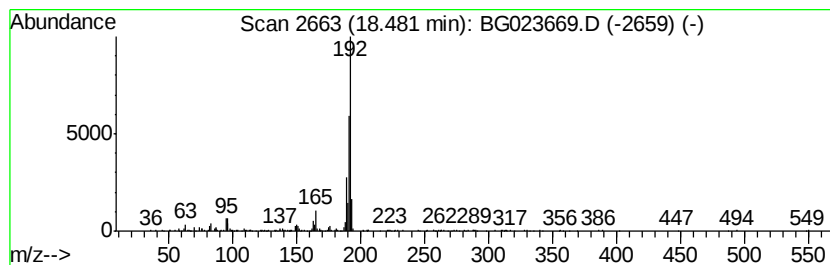
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Anthracene, 9-methyl- Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.48 | 3.14 ng/ul | 359976 | Phenanthrene-d10 | 17.55 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 93   |
| 2    |    | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |
| 3    |    | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 90   |
| 4    |    | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 87   |
| 5    |    | 1H-Indene, 2-phenyl-    | 192 | C15H12  | 004505-48-0 | 87   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

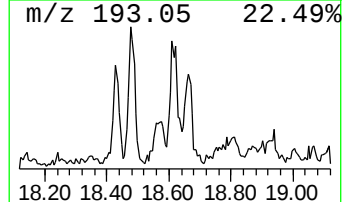
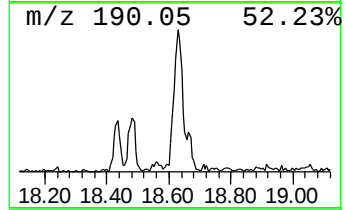
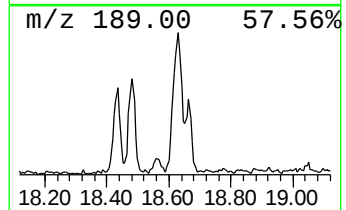
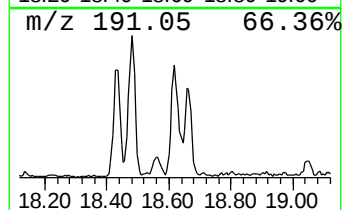
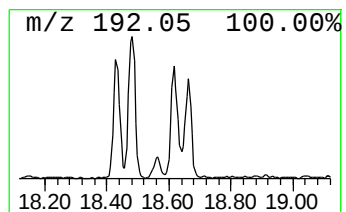
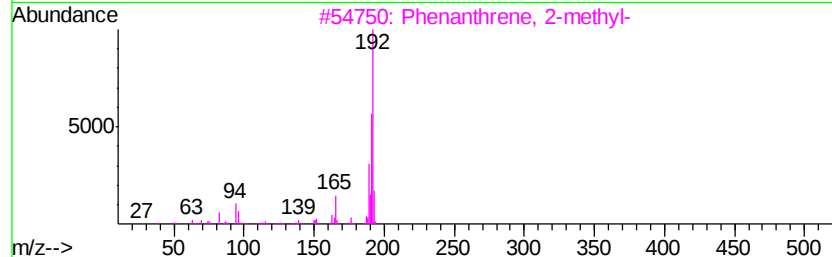
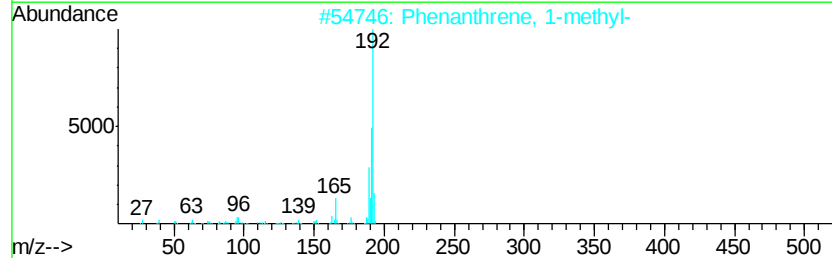
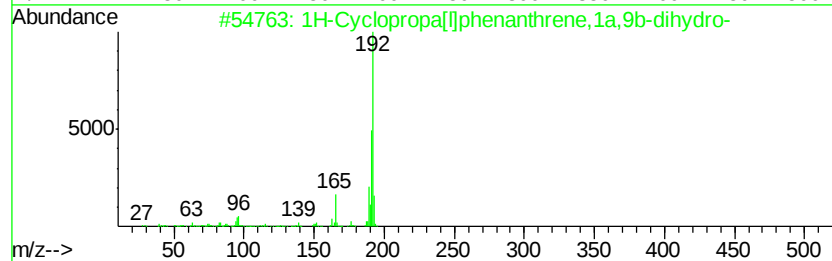
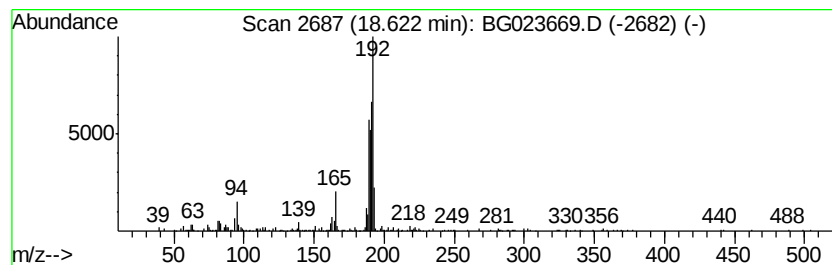
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.62 | 3.12 ng/ul | 357401 | Phenanthrene-d10 | 17.55 |

| Hit# of | 5 | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Cyclopropa[l]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 70   |
| 2       |   | Phenanthrene, 1-methyl-               | 192 | C15H12  | 000832-69-9 | 70   |
| 3       |   | Phenanthrene, 2-methyl-               | 192 | C15H12  | 002531-84-2 | 68   |
| 4       |   | Anthracene, 1-methyl-                 | 192 | C15H12  | 000610-48-0 | 64   |
| 5       |   | 1a,9b-Dihydro-1H-cyclopropa[a]an...   | 192 | C15H12  | 006109-24-6 | 64   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

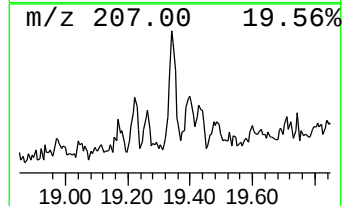
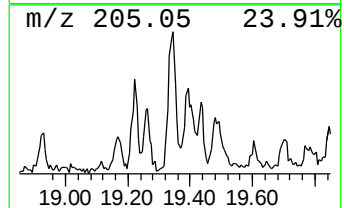
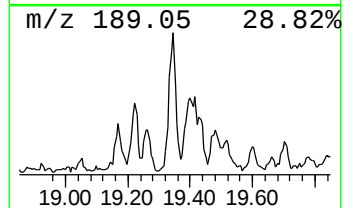
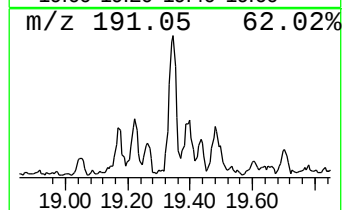
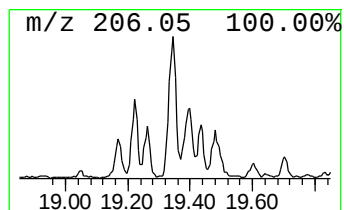
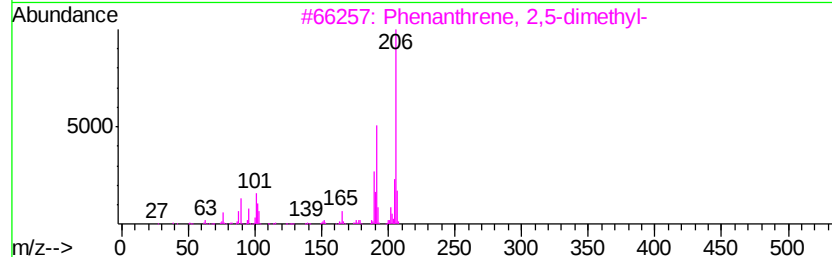
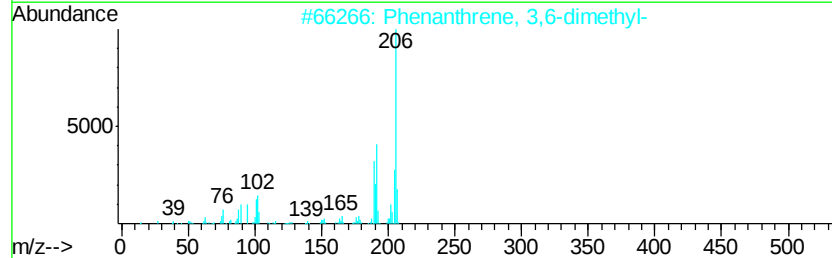
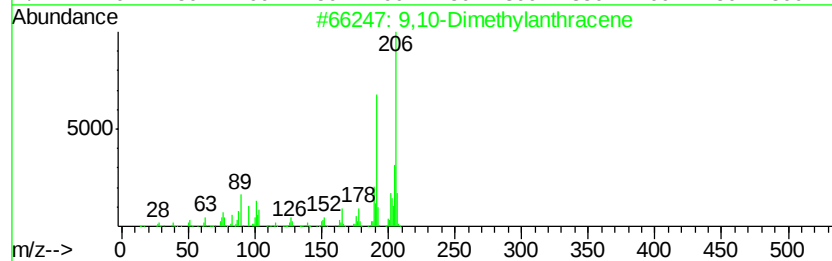
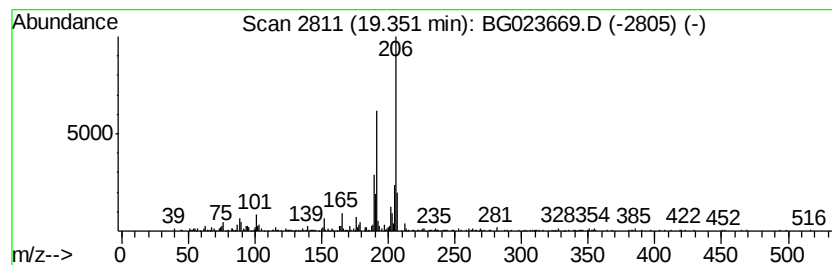
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 9,10-Dimethylantracene Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.35 | 3.53 ng/ul | 404848 | Phenanthrene-d10 | 17.55 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 93   |
| 2    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 3    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 93   |
| 4    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 92   |
| 5    |    |   | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14  | 022360-63-0 | 90   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081216\  
Data File : BG023669.D  
Acq On : 12 Aug 2016 23:29  
Operator : UM/SJ  
Sample : H4385-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P002-SS004-0612-01

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Phenanthrene, 2-m... | 18.42 | 5.4     | ng/ul | 618182   | 4                     | 17.55 | 2291140 | 20.0 |
| Anthracene, 9-met... | 18.48 | 3.1     | ng/ul | 359976   | 4                     | 17.55 | 2291140 | 20.0 |
| 1H-Cyclopropa[l]p... | 18.62 | 3.1     | ng/ul | 357401   | 4                     | 17.55 | 2291140 | 20.0 |
| 9,10-Dimethylanth... | 19.35 | 3.5     | ng/ul | 404848   | 4                     | 17.55 | 2291140 | 20.0 |