

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\  
 Data File : BG047142.D  
 Acq On : 30 Oct 2020 6:47  
 Operator : CG/JU  
 Sample : L4506-17  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BK4

## 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\_G\METHODS\SOM-EPA-BG102220MA.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         | 3.390       | 5             | 9           | 18           | rVB      | 606339         | 681544        | 67.58%          | 11.964%       |
| 2         | 3.502       | 26            | 28          | 31           | rVB      | 1800           | 1793          | 0.18%           | 0.031%        |
| 3         | 3.531       | 31            | 33          | 34           | rBV      | 1545           | 1224          | 0.12%           | 0.021%        |
| 4         | 3.596       | 43            | 44          | 47           | rVB      | 1684           | 1271          | 0.13%           | 0.022%        |
| 5         | 3.713       | 59            | 64          | 65           | rBV3     | 5249           | 7198          | 0.71%           | 0.126%        |
| 6         | 3.737       | 65            | 68          | 73           | rVB2     | 18218          | 22185         | 2.20%           | 0.389%        |
| 7         | 3.825       | 82            | 83          | 86           | rBV3     | 2279           | 1983          | 0.20%           | 0.035%        |
| 8         | 4.030       | 116           | 118         | 121          | rBV2     | 1096           | 1227          | 0.12%           | 0.022%        |
| 9         | 4.077       | 123           | 126         | 129          | rVB2     | 1793           | 2082          | 0.21%           | 0.037%        |
| 10        | 4.119       | 129           | 133         | 135          | rBV3     | 1592           | 2224          | 0.22%           | 0.039%        |
| 11        | 4.218       | 145           | 150         | 157          | rVB2     | 5274           | 7367          | 0.73%           | 0.129%        |
| 12        | 4.318       | 165           | 167         | 168          | rBV      | 1863           | 1339          | 0.13%           | 0.024%        |
| 13        | 4.941       | 272           | 273         | 275          | rBV      | 1449           | 1271          | 0.13%           | 0.022%        |
| 14        | 5.065       | 291           | 294         | 301          | rVB3     | 2454           | 4485          | 0.44%           | 0.079%        |
| 15        | 5.258       | 325           | 327         | 331          | rBV      | 1195           | 1864          | 0.18%           | 0.033%        |
| 16        | 5.376       | 345           | 347         | 351          | rBV      | 1153           | 1855          | 0.18%           | 0.033%        |
| 17        | 5.446       | 354           | 359         | 361          | rVV2     | 1236           | 1760          | 0.17%           | 0.031%        |
| 18        | 5.488       | 363           | 366         | 367          | rVB      | 1568           | 1277          | 0.13%           | 0.022%        |
| 19        | 5.546       | 373           | 376         | 379          | rVB2     | 1115           | 1244          | 0.12%           | 0.022%        |
| 20        | 5.646       | 390           | 393         | 395          | rBV      | 1126           | 1576          | 0.16%           | 0.028%        |
| 21        | 5.963       | 444           | 447         | 450          | rVB2     | 1463           | 1699          | 0.17%           | 0.030%        |
| 22        | 6.422       | 520           | 525         | 527          | rBV      | 1237           | 1557          | 0.15%           | 0.027%        |
| 23        | 6.992       | 620           | 622         | 624          | rBV      | 1539           | 1232          | 0.12%           | 0.022%        |
| 24        | 7.374       | 685           | 687         | 690          | rBV      | 1271           | 1632          | 0.16%           | 0.029%        |
| 25        | 7.432       | 695           | 697         | 701          | rVV      | 1865           | 2655          | 0.26%           | 0.047%        |
| 26        | 7.473       | 701           | 704         | 709          | rVV3     | 2661           | 3975          | 0.39%           | 0.070%        |
| 27        | 7.532       | 711           | 714         | 716          | rVB2     | 2365           | 2541          | 0.25%           | 0.045%        |
| 28        | 7.620       | 726           | 729         | 731          | rVB3     | 1299           | 1303          | 0.13%           | 0.023%        |
| 29        | 7.703       | 741           | 743         | 749          | rBV3     | 1590           | 2229          | 0.22%           | 0.039%        |
| 30        | 7.814       | 758           | 762         | 765          | rBV      | 1274           | 2015          | 0.20%           | 0.035%        |
| 31        | 7.955       | 783           | 786         | 790          | rVB      | 1246           | 1665          | 0.17%           | 0.029%        |
| 32        | 8.055       | 796           | 803         | 812          | rBV      | 219545         | 368446        | 36.53%          | 6.468%        |
| 33        | 8.190       | 821           | 826         | 834          | rBV2     | 17519          | 28533         | 2.83%           | 0.501%        |
| 34        | 8.267       | 836           | 839         | 841          | rBV      | 1398           | 1406          | 0.14%           | 0.025%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.367  | 852  | 856  | 859  | rVB3 | 2551   | 3948   | 0.39%  | 0.069%  |
| 36 | 8.607  | 896  | 897  | 901  | rBV  | 1204   | 1233   | 0.12%  | 0.022%  |
| 37 | 8.672  | 905  | 908  | 911  | rVB  | 1169   | 1495   | 0.15%  | 0.026%  |
| 38 | 8.778  | 924  | 926  | 930  | rBV2 | 1202   | 1606   | 0.16%  | 0.028%  |
| 39 | 8.966  | 955  | 958  | 961  | rVB2 | 1491   | 1542   | 0.15%  | 0.027%  |
| 40 | 10.305 | 1185 | 1186 | 1191 | rVB  | 1548   | 1356   | 0.13%  | 0.024%  |
| 41 | 10.552 | 1226 | 1228 | 1232 | rVB2 | 1660   | 2347   | 0.23%  | 0.041%  |
| 42 | 10.864 | 1275 | 1281 | 1290 | rBV  | 250524 | 462038 | 45.81% | 8.111%  |
| 43 | 10.981 | 1298 | 1301 | 1304 | rBV3 | 1615   | 1635   | 0.16%  | 0.029%  |
| 44 | 12.632 | 1580 | 1582 | 1584 | rBV  | 1025   | 1205   | 0.12%  | 0.021%  |
| 45 | 12.685 | 1588 | 1591 | 1595 | rVB2 | 958    | 1459   | 0.14%  | 0.026%  |
| 46 | 12.820 | 1611 | 1614 | 1616 | rBV  | 1065   | 1312   | 0.13%  | 0.023%  |
| 47 | 12.926 | 1629 | 1632 | 1636 | rVB2 | 1061   | 1563   | 0.15%  | 0.027%  |
| 48 | 13.502 | 1725 | 1730 | 1732 | rBV2 | 1484   | 1924   | 0.19%  | 0.034%  |
| 49 | 13.760 | 1771 | 1774 | 1776 | rVB  | 2465   | 2000   | 0.20%  | 0.035%  |
| 50 | 13.942 | 1803 | 1805 | 1807 | rBV  | 1014   | 1215   | 0.12%  | 0.021%  |
| 51 | 13.983 | 1810 | 1812 | 1815 | rBV  | 1637   | 1294   | 0.13%  | 0.023%  |
| 52 | 14.577 | 1910 | 1913 | 1915 | rVB  | 1547   | 1445   | 0.14%  | 0.025%  |
| 53 | 14.689 | 1925 | 1932 | 1943 | rBV2 | 405136 | 661702 | 65.61% | 11.616% |
| 54 | 15.000 | 1982 | 1985 | 1993 | rVB3 | 5559   | 8466   | 0.84%  | 0.149%  |
| 55 | 15.211 | 2017 | 2021 | 2023 | rVB  | 1962   | 1619   | 0.16%  | 0.028%  |
| 56 | 15.311 | 2036 | 2038 | 2041 | rVB  | 1685   | 1276   | 0.13%  | 0.022%  |
| 57 | 15.388 | 2046 | 2051 | 2054 | rBV  | 1063   | 1890   | 0.19%  | 0.033%  |
| 58 | 15.723 | 2107 | 2108 | 2110 | rBV  | 2087   | 1671   | 0.17%  | 0.029%  |
| 59 | 15.875 | 2131 | 2134 | 2135 | rBV2 | 1583   | 1310   | 0.13%  | 0.023%  |
| 60 | 16.269 | 2199 | 2201 | 2203 | rBV2 | 1786   | 1231   | 0.12%  | 0.022%  |
| 61 | 16.345 | 2213 | 2214 | 2218 | rVB2 | 1312   | 1264   | 0.13%  | 0.022%  |
| 62 | 16.398 | 2218 | 2223 | 2229 | rBV3 | 6055   | 10417  | 1.03%  | 0.183%  |
| 63 | 16.551 | 2246 | 2249 | 2251 | rBV2 | 1088   | 1380   | 0.14%  | 0.024%  |
| 64 | 16.616 | 2257 | 2260 | 2262 | rVB  | 2186   | 1462   | 0.14%  | 0.026%  |
| 65 | 16.998 | 2323 | 2325 | 2327 | rVB2 | 1903   | 1416   | 0.14%  | 0.025%  |
| 66 | 17.021 | 2327 | 2329 | 2331 | rBV2 | 1963   | 1794   | 0.18%  | 0.031%  |
| 67 | 17.221 | 2361 | 2363 | 2366 | rVB3 | 1384   | 1291   | 0.13%  | 0.023%  |
| 68 | 17.432 | 2392 | 2399 | 2409 | rBV  | 537796 | 815098 | 80.82% | 14.309% |
| 69 | 17.591 | 2425 | 2426 | 2428 | rBV2 | 1900   | 1491   | 0.15%  | 0.026%  |
| 70 | 17.720 | 2447 | 2448 | 2451 | rBV2 | 1665   | 1423   | 0.14%  | 0.025%  |
| 71 | 17.773 | 2454 | 2457 | 2458 | rBV  | 1659   | 1612   | 0.16%  | 0.028%  |

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 C0BK4

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Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 72 | 17.791 | 2458 | 2460 | 2462 | rVB  | 1620   | 1229    | 0.12%   | 0.022%  |
| 73 | 17.814 | 2462 | 2464 | 2467 | rBV3 | 2150   | 2509    | 0.25%   | 0.044%  |
| 74 | 17.902 | 2478 | 2479 | 2481 | rBV2 | 2547   | 2019    | 0.20%   | 0.035%  |
| 75 | 17.938 | 2483 | 2485 | 2487 | rVB2 | 3228   | 2404    | 0.24%   | 0.042%  |
| 76 | 18.038 | 2496 | 2502 | 2507 | rBV4 | 11325  | 23926   | 2.37%   | 0.420%  |
| 77 | 18.096 | 2508 | 2512 | 2518 | rVB6 | 4679   | 6739    | 0.67%   | 0.118%  |
| 78 | 18.149 | 2518 | 2521 | 2522 | rBV3 | 3272   | 2471    | 0.25%   | 0.043%  |
| 79 | 18.284 | 2540 | 2544 | 2547 | rBV2 | 5178   | 7696    | 0.76%   | 0.135%  |
| 80 | 18.314 | 2547 | 2549 | 2552 | rBV3 | 3306   | 3939    | 0.39%   | 0.069%  |
| 81 | 18.408 | 2564 | 2565 | 2568 | rVB2 | 3085   | 2505    | 0.25%   | 0.044%  |
| 82 | 18.496 | 2576 | 2580 | 2583 | rBV2 | 18541  | 22830   | 2.26%   | 0.401%  |
| 83 | 18.560 | 2586 | 2591 | 2595 | rBV6 | 13642  | 19027   | 1.89%   | 0.334%  |
| 84 | 18.602 | 2595 | 2598 | 2601 | rVV4 | 7268   | 9523    | 0.94%   | 0.167%  |
| 85 | 18.654 | 2605 | 2607 | 2608 | rBV2 | 2675   | 1601    | 0.16%   | 0.028%  |
| 86 | 18.731 | 2618 | 2620 | 2621 | rVB  | 3515   | 1372    | 0.14%   | 0.024%  |
| 87 | 18.778 | 2624 | 2628 | 2633 | rBV8 | 16687  | 25356   | 2.51%   | 0.445%  |
| 88 | 18.954 | 2655 | 2658 | 2662 | rVB4 | 12106  | 13611   | 1.35%   | 0.239%  |
| 89 | 19.042 | 2671 | 2673 | 2674 | rVB2 | 6896   | 3311    | 0.33%   | 0.058%  |
| 90 | 19.336 | 2721 | 2723 | 2732 | rVB9 | 15074  | 22175   | 2.20%   | 0.389%  |
| 91 | 19.618 | 2768 | 2771 | 2776 | rVB7 | 15541  | 19256   | 1.91%   | 0.338%  |
| 92 | 19.724 | 2787 | 2789 | 2795 | rBV7 | 10571  | 12593   | 1.25%   | 0.221%  |
| 93 | 21.704 | 3120 | 3126 | 3136 | rVB  | 572271 | 959155  | 95.11%  | 16.838% |
| 94 | 23.208 | 3377 | 3382 | 3389 | rVB  | 185605 | 346647  | 34.37%  | 6.085%  |
| 95 | 24.935 | 3668 | 3676 | 3691 | rVB2 | 343805 | 1008516 | 100.00% | 17.704% |

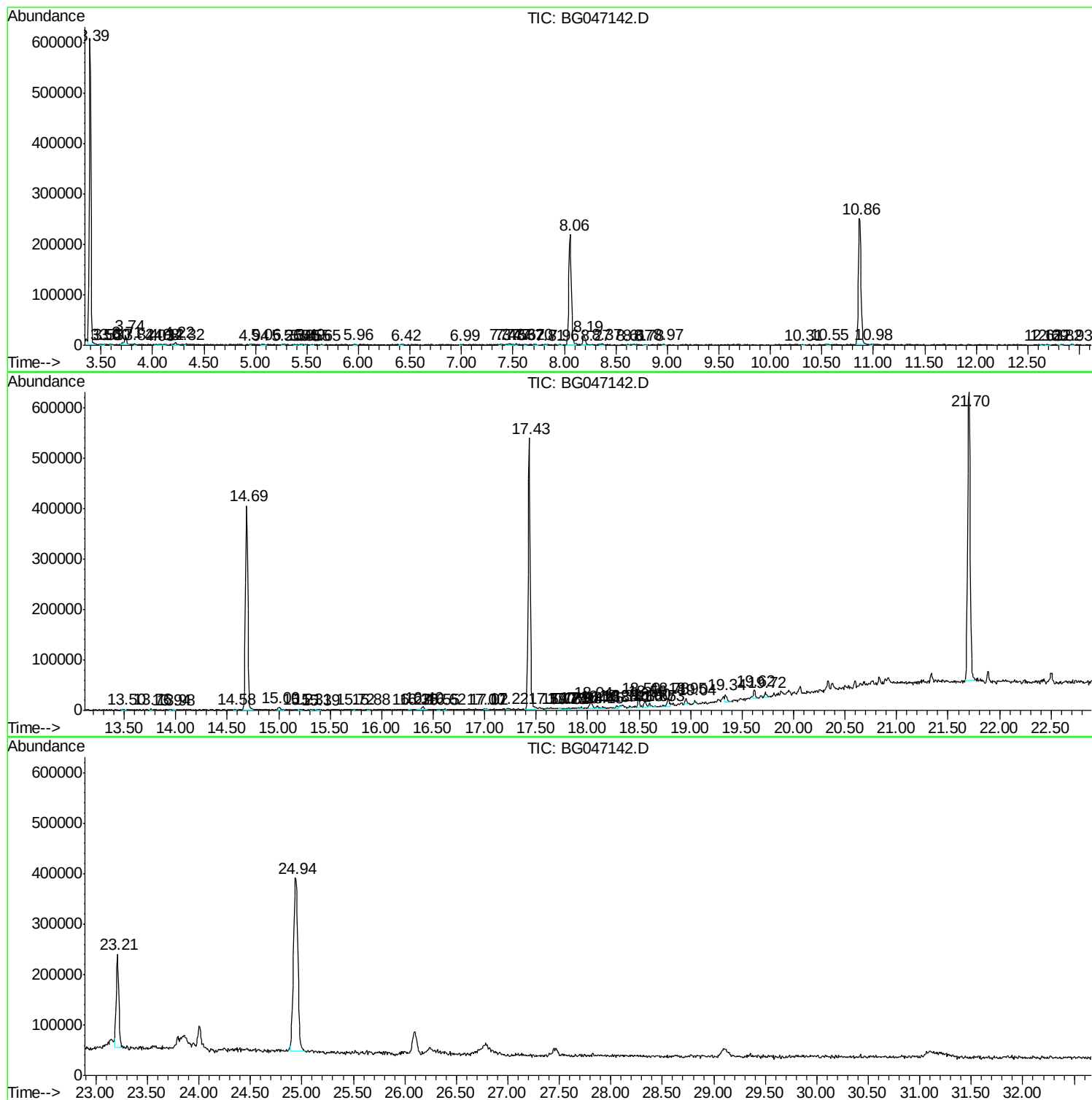
Sum of corrected areas: 5696497

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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
Quant Title : SVOA CALIBRATION

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



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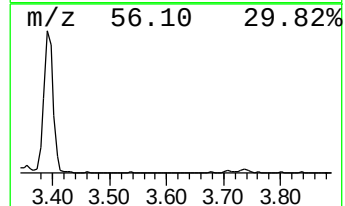
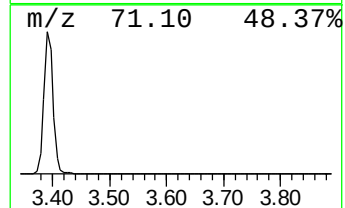
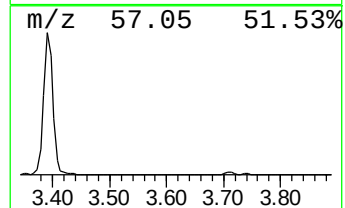
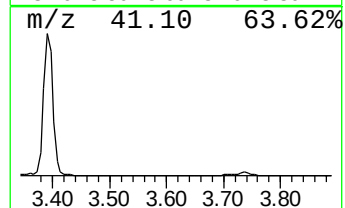
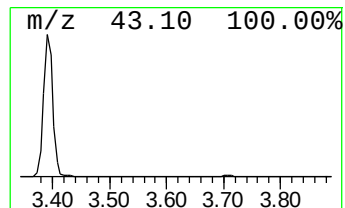
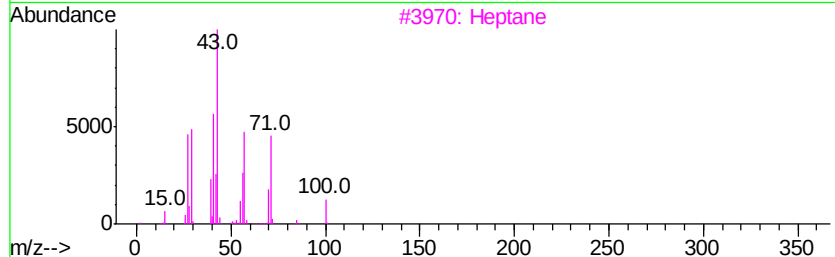
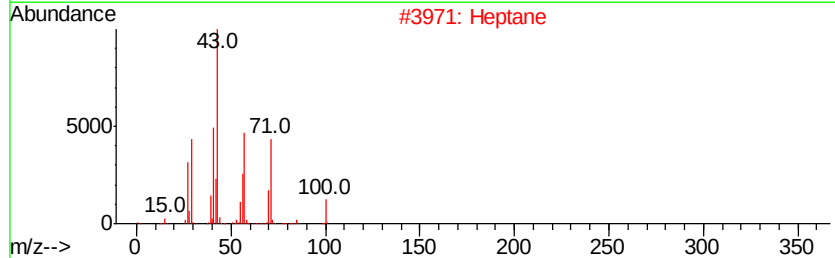
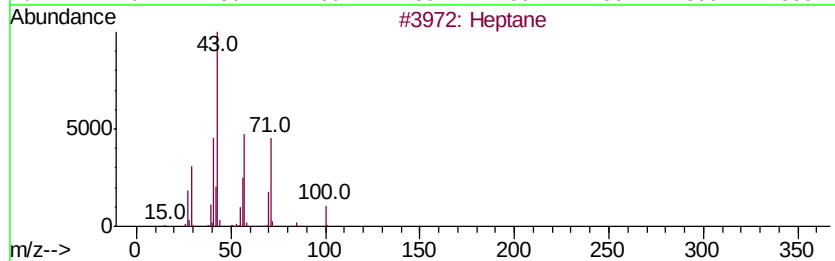
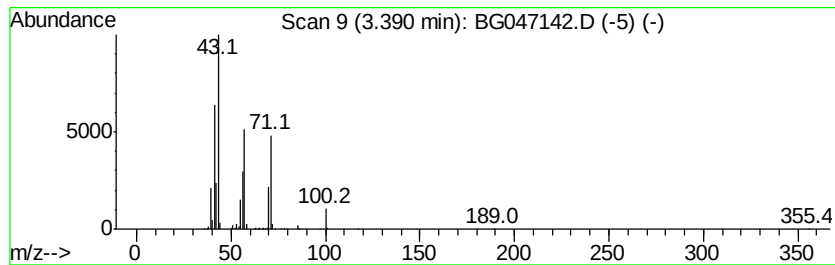
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.39 | 37.00 ng/ul | 681544 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Heptane                            | 100 | C7H16    | 000142-82-5  | 94   |
| 2    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 3    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 4    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 86   |
| 5    |    | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 45   |



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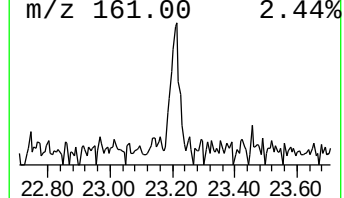
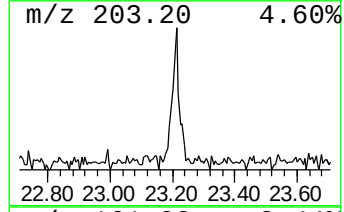
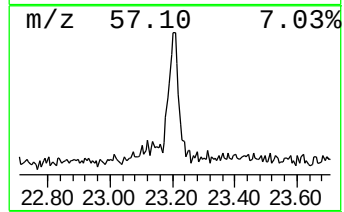
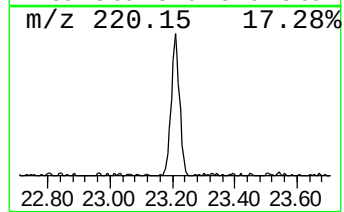
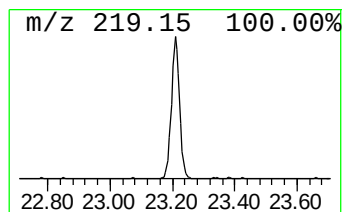
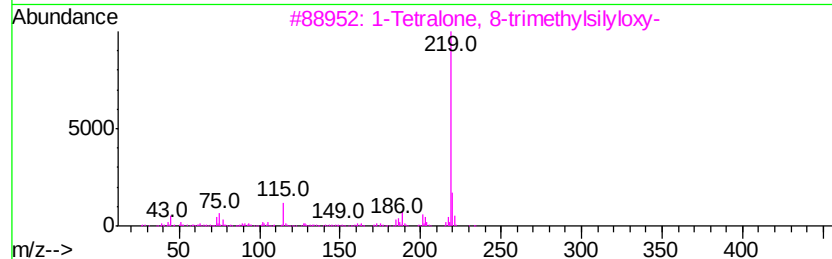
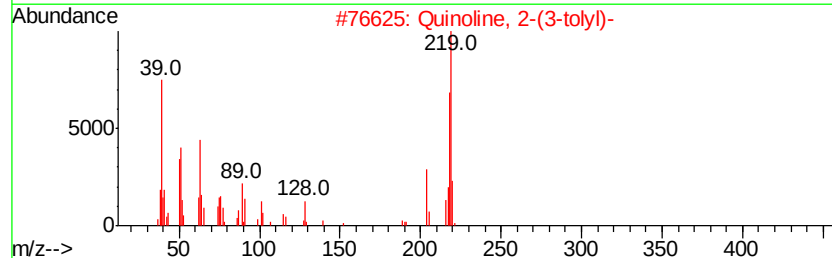
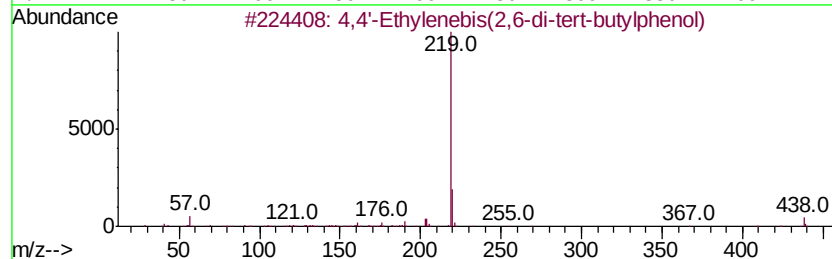
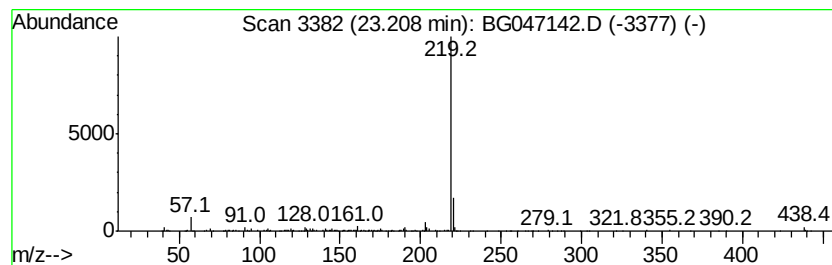
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.21 | 7.23 ng/ul | 346647 | Chrysene-d12     | 21.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 4,4'-Ethylenebis(2,6-di-tert-but... | 438 | C30H46O2   | 001516-94-5  | 87   |
| 2    |    | Quinoline, 2-(3-tolyl)-             | 219 | C16H13N    | 024641-30-3  | 72   |
| 3    |    | 1-Tetralone, 8-trimethylsilyloxy-   | 234 | C13H18O2Si | 1000161-48-8 | 56   |
| 4    |    | 3,5-di-tert-Butyl-4-hydroxybenza... | 234 | C15H22O2   | 001620-98-0  | 56   |
| 5    |    | Terephthalic acid, 2-isopropylph... | 354 | C22H26O4   | 1000323-58-2 | 50   |



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ClientSampleId :  
C0BK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.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 |
| (DEL) Alkane: Str... | 3.39  | 37.0    | ng/ul | 681544   | 1                     | 8.06  | 368446 | 20.0 |
| 4,4'-Ethylenebis(... | 23.21 | 7.2     | ng/ul | 346647   | 5                     | 21.70 | 959155 | 20.0 |