

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050823\  
 Data File : BG057331.D  
 Acq On : 8 May 2023 15:21  
 Operator : CG/JU  
 Sample : 02589-10  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JREC7

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057331.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         | 4.926       | 234           | 236         | 238          | rBV2     | 488            | 430           | 0.14%           | 0.013%        |
| 2         | 5.131       | 270           | 271         | 274          | rVB2     | 771            | 630           | 0.21%           | 0.019%        |
| 3         | 5.254       | 289           | 292         | 294          | rVB3     | 722            | 725           | 0.24%           | 0.022%        |
| 4         | 5.331       | 303           | 305         | 309          | rBV2     | 566            | 761           | 0.26%           | 0.023%        |
| 5         | 5.390       | 312           | 315         | 320          | rVV2     | 593            | 901           | 0.30%           | 0.028%        |
| 6         | 5.495       | 331           | 333         | 337          | rVB      | 623            | 603           | 0.20%           | 0.019%        |
| 7         | 5.830       | 389           | 390         | 394          | rVB2     | 530            | 479           | 0.16%           | 0.015%        |
| 8         | 5.871       | 394           | 397         | 399          | rBV      | 525            | 502           | 0.17%           | 0.015%        |
| 9         | 6.012       | 419           | 421         | 423          | rBV      | 511            | 450           | 0.15%           | 0.014%        |
| 10        | 6.118       | 436           | 439         | 440          | rBV      | 594            | 428           | 0.14%           | 0.013%        |
| 11        | 6.306       | 470           | 471         | 473          | rVB      | 624            | 425           | 0.14%           | 0.013%        |
| 12        | 6.359       | 475           | 480         | 483          | rVB2     | 265            | 575           | 0.19%           | 0.018%        |
| 13        | 6.482       | 499           | 501         | 504          | rVB      | 335            | 390           | 0.13%           | 0.012%        |
| 14        | 6.506       | 504           | 505         | 507          | rVB      | 599            | 393           | 0.13%           | 0.012%        |
| 15        | 6.529       | 507           | 509         | 510          | rBV      | 478            | 427           | 0.14%           | 0.013%        |
| 16        | 6.664       | 529           | 532         | 534          | rBV      | 477            | 479           | 0.16%           | 0.015%        |
| 17        | 6.799       | 552           | 555         | 556          | rBV      | 408            | 474           | 0.16%           | 0.015%        |
| 18        | 6.923       | 574           | 576         | 580          | rBB      | 346            | 429           | 0.14%           | 0.013%        |
| 19        | 7.258       | 630           | 633         | 635          | rBV      | 510            | 452           | 0.15%           | 0.014%        |
| 20        | 7.516       | 670           | 677         | 687          | rBB2     | 31342          | 54693         | 18.39%          | 1.688%        |
| 21        | 7.681       | 699           | 705         | 712          | rBB      | 23008          | 37963         | 12.77%          | 1.172%        |
| 22        | 7.904       | 736           | 743         | 749          | rBV      | 30453          | 50257         | 16.90%          | 1.551%        |
| 23        | 8.374       | 817           | 823         | 831          | rBB      | 45909          | 78827         | 26.51%          | 2.433%        |
| 24        | 9.079       | 937           | 943         | 956          | rBB2     | 37177          | 66634         | 22.41%          | 2.056%        |
| 25        | 9.208       | 962           | 965         | 973          | rBB3     | 1196           | 1602          | 0.54%           | 0.049%        |
| 26        | 9.555       | 1016          | 1024        | 1030         | rBV      | 32277          | 55913         | 18.80%          | 1.725%        |
| 27        | 10.283      | 1142          | 1148        | 1155         | rVB      | 26915          | 47365         | 15.93%          | 1.462%        |
| 28        | 10.571      | 1196          | 1197        | 1203         | rBV      | 237            | 456           | 0.15%           | 0.014%        |
| 29        | 10.829      | 1236          | 1241        | 1252         | rVB2     | 41371          | 72436         | 24.36%          | 2.235%        |
| 30        | 11.211      | 1297          | 1306        | 1316         | rBB2     | 70608          | 128195        | 43.11%          | 3.956%        |
| 31        | 11.340      | 1321          | 1328        | 1338         | rBV      | 30247          | 56629         | 19.05%          | 1.748%        |
| 32        | 12.110      | 1456          | 1459        | 1461         | rBV      | 319            | 432           | 0.15%           | 0.013%        |
| 33        | 12.709      | 1557          | 1561        | 1564         | rBV      | 260            | 530           | 0.18%           | 0.016%        |
| 34        | 12.774      | 1568          | 1572        | 1573         | rVB2     | 563            | 467           | 0.16%           | 0.014%        |
| 35        | 13.849      | 1750          | 1755        | 1760         | rVB3     | 1776           | 2581          | 0.87%           | 0.080%        |
| 36        | 14.372      | 1838          | 1844        | 1851         | rVB      | 95647          | 134454        | 45.22%          | 4.149%        |

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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-BG042823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 14.689 | 1891 | 1898 | 1905 | rBV  | 107205 | 164268 | 55.25%  | 5.069% |
| 38 | 14.988 | 1942 | 1949 | 1956 | rBV  | 138361 | 213130 | 71.68%  | 6.577% |
| 39 | 15.182 | 1977 | 1982 | 1992 | rBV2 | 14040  | 28224  | 9.49%   | 0.871% |
| 40 | 15.276 | 1996 | 1998 | 2000 | rVB  | 542    | 417    | 0.14%   | 0.013% |
| 41 | 15.975 | 2110 | 2117 | 2124 | rVB  | 142750 | 212197 | 71.37%  | 6.548% |
| 42 | 16.099 | 2133 | 2138 | 2147 | rBV  | 21802  | 33505  | 11.27%  | 1.034% |
| 43 | 16.322 | 2171 | 2176 | 2182 | rBV  | 24988  | 36832  | 12.39%  | 1.137% |
| 44 | 16.962 | 2283 | 2285 | 2288 | rBV  | 357    | 430    | 0.14%   | 0.013% |
| 45 | 17.514 | 2377 | 2379 | 2382 | rVB2 | 494    | 440    | 0.15%   | 0.014% |
| 46 | 17.608 | 2391 | 2395 | 2398 | rBV2 | 366    | 664    | 0.22%   | 0.020% |
| 47 | 17.732 | 2409 | 2416 | 2422 | rBV  | 186481 | 278194 | 93.56%  | 8.585% |
| 48 | 17.832 | 2426 | 2433 | 2442 | rVB2 | 149748 | 232836 | 78.31%  | 7.185% |
| 49 | 18.166 | 2489 | 2490 | 2492 | rBV2 | 490    | 413    | 0.14%   | 0.013% |
| 50 | 18.184 | 2492 | 2493 | 2498 | rVB2 | 1334   | 910    | 0.31%   | 0.028% |
| 51 | 18.572 | 2556 | 2559 | 2569 | rBV5 | 5562   | 11116  | 3.74%   | 0.343% |
| 52 | 18.801 | 2596 | 2598 | 2600 | rBV  | 647    | 495    | 0.17%   | 0.015% |
| 53 | 18.848 | 2604 | 2606 | 2609 | rVB2 | 531    | 472    | 0.16%   | 0.015% |
| 54 | 18.877 | 2609 | 2611 | 2615 | rBV2 | 473    | 558    | 0.19%   | 0.017% |
| 55 | 19.012 | 2630 | 2634 | 2635 | rVB2 | 525    | 490    | 0.16%   | 0.015% |
| 56 | 19.059 | 2639 | 2642 | 2644 | rVV3 | 437    | 569    | 0.19%   | 0.018% |
| 57 | 19.095 | 2646 | 2648 | 2650 | rVB  | 768    | 505    | 0.17%   | 0.016% |
| 58 | 19.294 | 2680 | 2682 | 2685 | rVB2 | 794    | 744    | 0.25%   | 0.023% |
| 59 | 19.400 | 2698 | 2700 | 2702 | rBV2 | 612    | 759    | 0.26%   | 0.023% |
| 60 | 19.465 | 2707 | 2711 | 2715 | rBV2 | 2550   | 3049   | 1.03%   | 0.094% |
| 61 | 19.541 | 2721 | 2724 | 2725 | rBV3 | 1409   | 944    | 0.32%   | 0.029% |
| 62 | 19.659 | 2741 | 2744 | 2747 | rVB3 | 2314   | 2291   | 0.77%   | 0.071% |
| 63 | 19.694 | 2747 | 2750 | 2752 | rBV3 | 980    | 1105   | 0.37%   | 0.034% |
| 64 | 19.799 | 2766 | 2768 | 2770 | rBV3 | 1282   | 1342   | 0.45%   | 0.041% |
| 65 | 19.952 | 2792 | 2794 | 2795 | rBV  | 1146   | 870    | 0.29%   | 0.027% |
| 66 | 20.093 | 2812 | 2818 | 2828 | rVB  | 202017 | 292093 | 98.24%  | 9.014% |
| 67 | 20.557 | 2895 | 2897 | 2905 | rVB8 | 4782   | 8952   | 3.01%   | 0.276% |
| 68 | 21.603 | 3071 | 3075 | 3077 | rBV4 | 11418  | 17288  | 5.81%   | 0.534% |
| 69 | 21.838 | 3112 | 3115 | 3125 | rVB5 | 7731   | 19563  | 6.58%   | 0.604% |
| 70 | 22.044 | 3144 | 3150 | 3157 | rVB2 | 174688 | 297339 | 100.00% | 9.176% |
| 71 | 24.452 | 3555 | 3560 | 3569 | rVB4 | 19266  | 42688  | 14.36%  | 1.317% |
| 72 | 25.321 | 3698 | 3708 | 3719 | rVB2 | 88627  | 256861 | 86.39%  | 7.927% |
| 73 | 25.568 | 3741 | 3750 | 3764 | rVB  | 90187  | 278459 | 93.65%  | 8.593% |

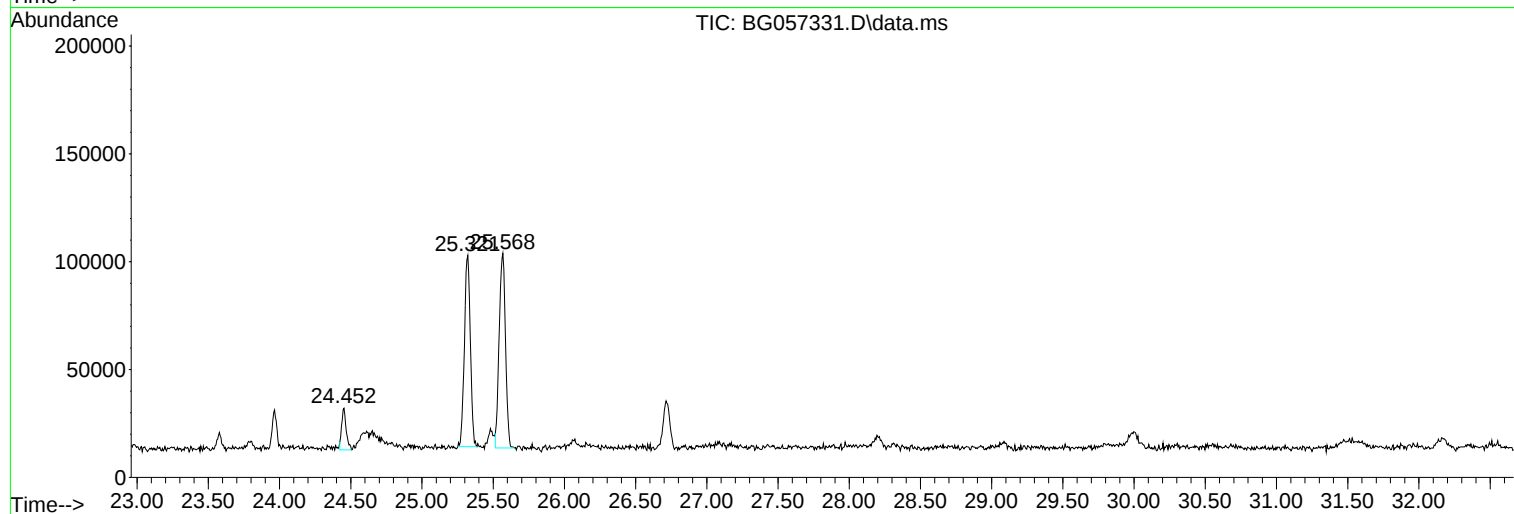
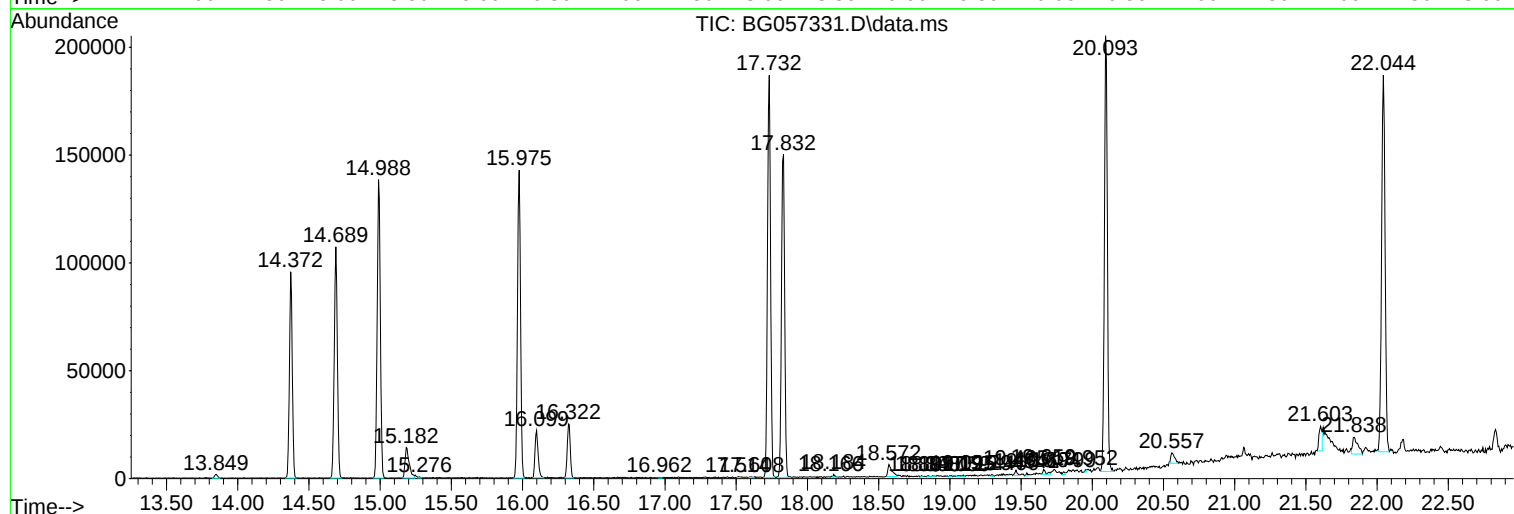
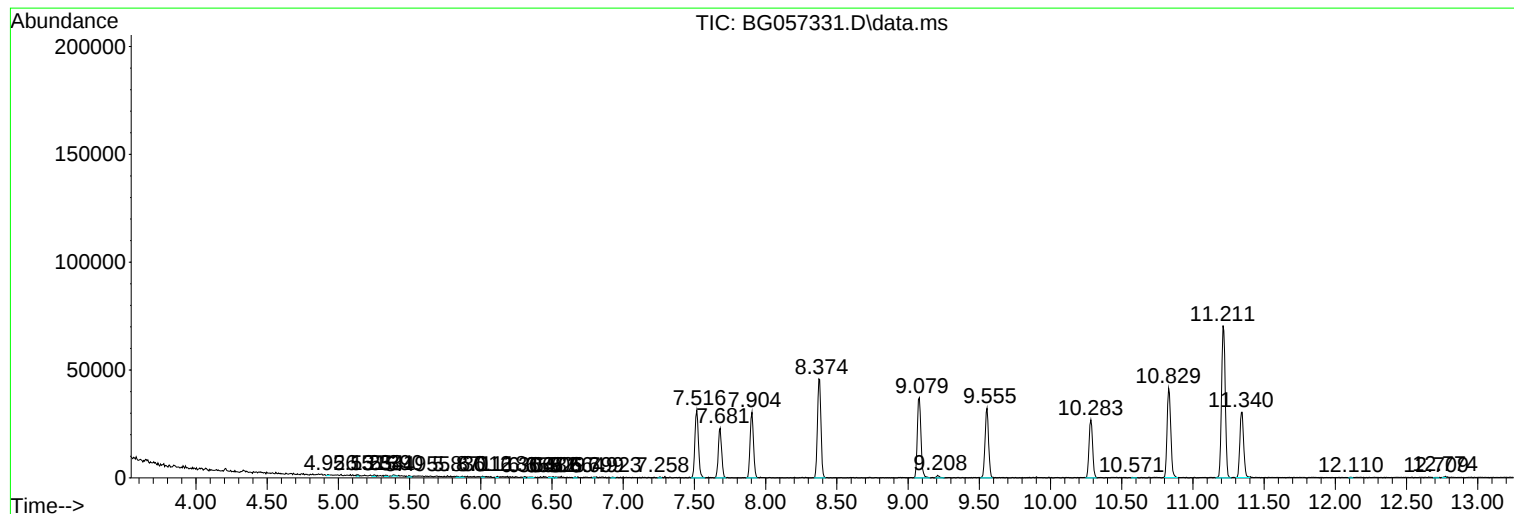
Sum of corrected areas: 3240399

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JREC7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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



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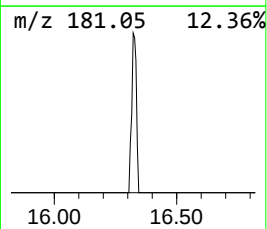
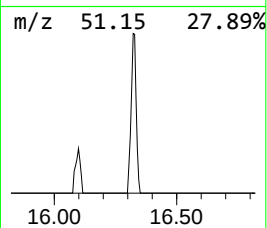
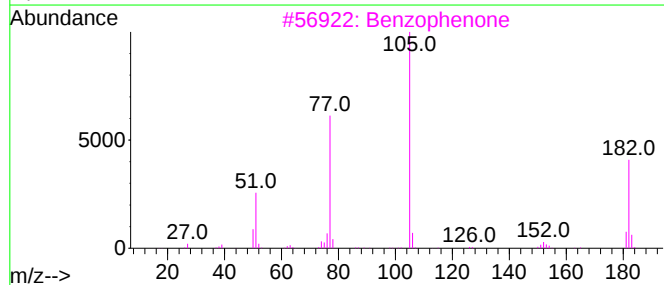
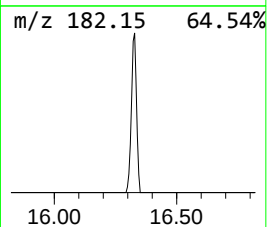
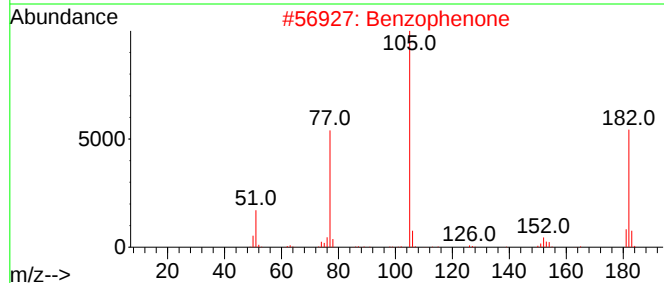
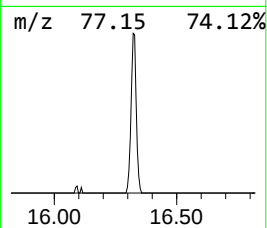
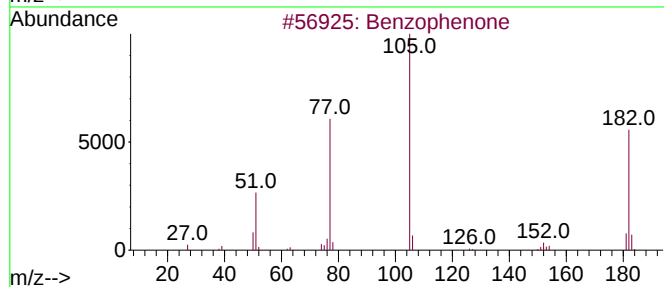
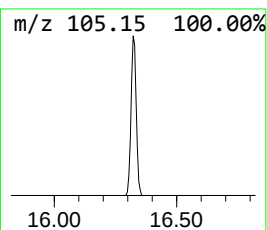
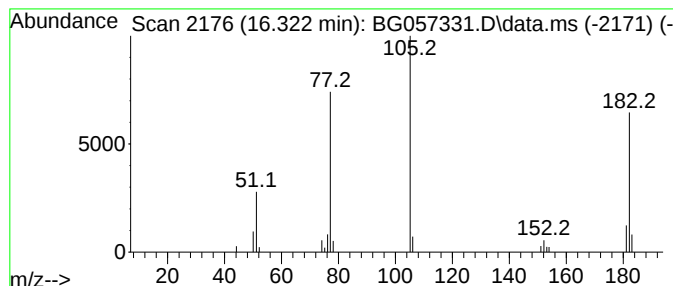
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.322 | 3.46 ng/ul | 36832 | Acenaphthene-d10 | 14.988 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 90   |
| 5    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS  | 005925-68-8 | 58   |



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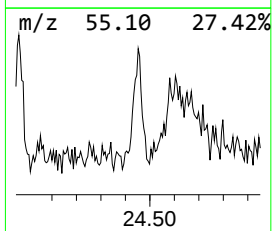
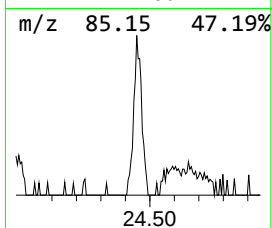
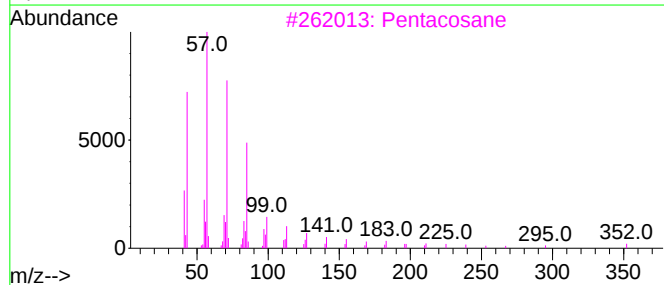
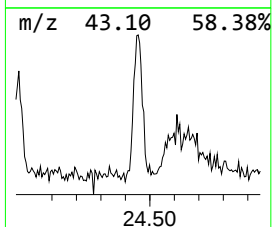
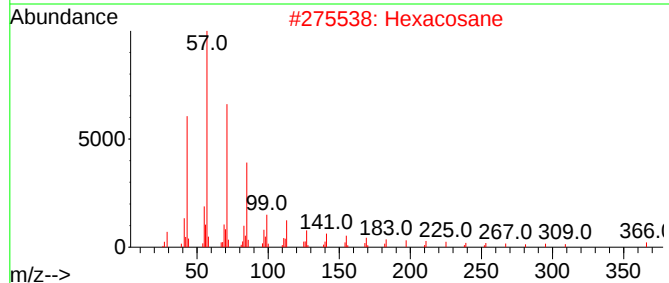
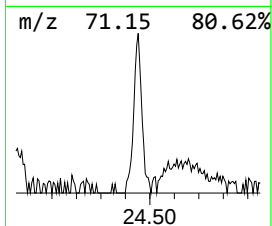
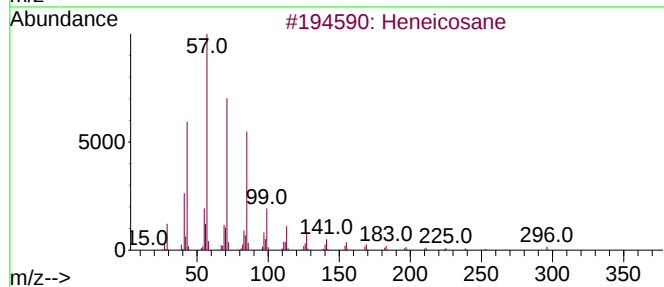
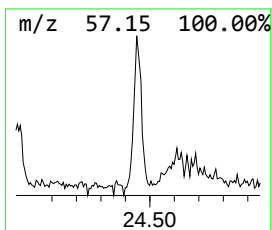
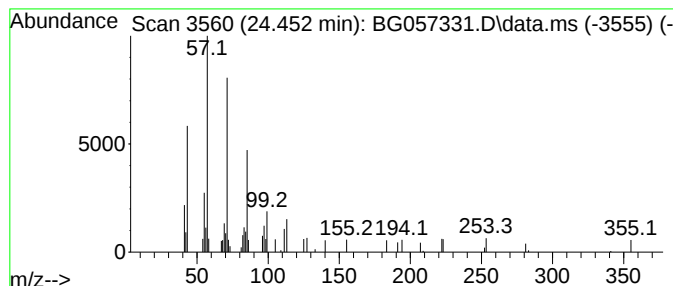
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 24.452 | 3.07 ng/ul | 42688 | Perylene-d12     | 25.568 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 83   |
| 2    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 83   |
| 3    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 83   |
| 4    |    |   | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 80   |
| 5    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 80   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 16.322 | 3.5     | ng/u1 | 36832    | 3                     | 14.988 | 213130 | 20.0 |
| (DEL) Alkane: S... | 24.452 | 3.1     | ng/u1 | 42688    | 6                     | 25.568 | 278459 | 20.0 |