

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050063.D  
 Acq On : 31 Aug 2021 13:40  
 Operator : CG/JU  
 Sample : M3472-05  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AS3

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-BG081921.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050063.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         | 3.966       | 157           | 158         | 160          | rBV2     | 1889           | 1763          | 0.18%           | 0.018%        |
| 2         | 5.018       | 333           | 337         | 338          | rBV3     | 1801           | 1319          | 0.13%           | 0.013%        |
| 3         | 5.834       | 474           | 476         | 481          | rBV3     | 986            | 1242          | 0.13%           | 0.012%        |
| 4         | 7.068       | 683           | 686         | 689          | rVB2     | 1187           | 1564          | 0.16%           | 0.016%        |
| 5         | 7.132       | 689           | 697         | 708          | rBV      | 150793         | 272226        | 27.80%          | 2.717%        |
| 6         | 7.279       | 716           | 722         | 730          | rBV      | 104919         | 178343        | 18.21%          | 1.780%        |
| 7         | 7.497       | 750           | 759         | 768          | rVB      | 149322         | 273429        | 27.92%          | 2.729%        |
| 8         | 7.696       | 791           | 793         | 796          | rBV2     | 1026           | 1481          | 0.15%           | 0.015%        |
| 9         | 7.961       | 830           | 838         | 845          | rBV      | 96403          | 161600        | 16.50%          | 1.613%        |
| 10        | 8.031       | 845           | 850         | 856          | rVB3     | 7947           | 13077         | 1.34%           | 0.131%        |
| 11        | 8.248       | 886           | 887         | 892          | rVB2     | 1738           | 2008          | 0.21%           | 0.020%        |
| 12        | 8.354       | 901           | 905         | 909          | rBV3     | 958            | 1592          | 0.16%           | 0.016%        |
| 13        | 8.683       | 955           | 961         | 971          | rBV2     | 187460         | 327186        | 33.41%          | 3.266%        |
| 14        | 9.136       | 1030          | 1038        | 1046         | rBV      | 151080         | 273629        | 27.94%          | 2.731%        |
| 15        | 9.864       | 1155          | 1162        | 1171         | rBV      | 141177         | 254098        | 25.95%          | 2.536%        |
| 16        | 10.064      | 1192          | 1196        | 1197         | rBV      | 1041           | 1250          | 0.13%           | 0.012%        |
| 17        | 10.111      | 1202          | 1204        | 1207         | rBV      | 1303           | 1537          | 0.16%           | 0.015%        |
| 18        | 10.305      | 1233          | 1237        | 1238         | rBV2     | 1077           | 1226          | 0.13%           | 0.012%        |
| 19        | 10.410      | 1249          | 1255        | 1263         | rBV      | 193364         | 352802        | 36.03%          | 3.521%        |
| 20        | 10.545      | 1275          | 1278        | 1279         | rBV      | 1629           | 1498          | 0.15%           | 0.015%        |
| 21        | 10.604      | 1286          | 1288        | 1291         | rVB2     | 1531           | 1465          | 0.15%           | 0.015%        |
| 22        | 10.780      | 1309          | 1318        | 1332         | rBV      | 131457         | 265601        | 27.12%          | 2.651%        |
| 23        | 10.921      | 1335          | 1342        | 1351         | rVV      | 174760         | 324439        | 33.13%          | 3.238%        |
| 24        | 12.449      | 1599          | 1602        | 1604         | rBV      | 1514           | 1672          | 0.17%           | 0.017%        |
| 25        | 12.549      | 1618          | 1619        | 1624         | rVB      | 1469           | 1706          | 0.17%           | 0.017%        |
| 26        | 12.666      | 1636          | 1639        | 1642         | rVB3     | 1696           | 2253          | 0.23%           | 0.022%        |
| 27        | 13.071      | 1705          | 1708        | 1714         | rVB4     | 5197           | 6863          | 0.70%           | 0.069%        |
| 28        | 13.430      | 1766          | 1769        | 1771         | rBV3     | 1403           | 1386          | 0.14%           | 0.014%        |
| 29        | 13.582      | 1791          | 1795        | 1796         | rBV2     | 937            | 1323          | 0.14%           | 0.013%        |
| 30        | 14.023      | 1864          | 1870        | 1878         | rVB      | 344867         | 504136        | 51.48%          | 5.032%        |
| 31        | 14.317      | 1914          | 1920        | 1929         | rVB      | 393314         | 619564        | 63.27%          | 6.184%        |
| 32        | 14.628      | 1965          | 1973        | 1979         | rBV      | 209589         | 331644        | 33.87%          | 3.310%        |
| 33        | 14.851      | 2004          | 2011        | 2023         | rBV      | 115427         | 229864        | 23.47%          | 2.294%        |
| 34        | 15.086      | 2048          | 2051        | 2058         | rVB3     | 1640           | 2517          | 0.26%           | 0.025%        |
| 35        | 15.251      | 2077          | 2079        | 2083         | rVB2     | 981            | 1233          | 0.13%           | 0.012%        |
| 36        | 15.621      | 2135          | 2142        | 2148         | rBV      | 497164         | 747563        | 76.34%          | 7.461%        |

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 Sample : M3472-05  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AS3

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-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 15.662 | 2148 | 2149 | 2155 | rVV4 | 2099   | 2653   | 0.27%   | 0.026% |
| 38 | 15.756 | 2159 | 2165 | 2179 | rVV  | 139751 | 211362 | 21.58%  | 2.110% |
| 39 | 15.856 | 2179 | 2182 | 2188 | rVB3 | 5093   | 7991   | 0.82%   | 0.080% |
| 40 | 17.007 | 2373 | 2378 | 2379 | rBV  | 2097   | 2651   | 0.27%   | 0.026% |
| 41 | 17.037 | 2379 | 2383 | 2385 | rVB5 | 7021   | 8185   | 0.84%   | 0.082% |
| 42 | 17.119 | 2390 | 2397 | 2401 | rBV2 | 11920  | 15968  | 1.63%   | 0.159% |
| 43 | 17.225 | 2412 | 2415 | 2420 | rVB3 | 3561   | 4085   | 0.42%   | 0.041% |
| 44 | 17.377 | 2434 | 2441 | 2446 | rBV  | 276353 | 421686 | 43.06%  | 4.209% |
| 45 | 17.418 | 2446 | 2448 | 2452 | rVV  | 19819  | 25133  | 2.57%   | 0.251% |
| 46 | 17.477 | 2452 | 2458 | 2468 | rVB  | 548608 | 824663 | 84.21%  | 8.231% |
| 47 | 17.659 | 2486 | 2489 | 2490 | rBV2 | 1593   | 1459   | 0.15%   | 0.015% |
| 48 | 17.800 | 2511 | 2513 | 2515 | rVB  | 2174   | 1472   | 0.15%   | 0.015% |
| 49 | 17.859 | 2521 | 2523 | 2525 | rVB  | 2133   | 1639   | 0.17%   | 0.016% |
| 50 | 17.965 | 2534 | 2541 | 2543 | rBV  | 1176   | 1831   | 0.19%   | 0.018% |
| 51 | 18.029 | 2549 | 2552 | 2555 | rBV  | 3075   | 2812   | 0.29%   | 0.028% |
| 52 | 18.076 | 2558 | 2560 | 2565 | rVB3 | 3994   | 4154   | 0.42%   | 0.041% |
| 53 | 18.153 | 2569 | 2573 | 2574 | rBV3 | 1291   | 1214   | 0.12%   | 0.012% |
| 54 | 18.170 | 2574 | 2576 | 2582 | rVB3 | 1404   | 1245   | 0.13%   | 0.012% |
| 55 | 18.258 | 2586 | 2591 | 2595 | rBV3 | 3674   | 5510   | 0.56%   | 0.055% |
| 56 | 18.305 | 2595 | 2599 | 2602 | rBV2 | 4303   | 6903   | 0.70%   | 0.069% |
| 57 | 18.382 | 2610 | 2612 | 2615 | rBV2 | 1705   | 1793   | 0.18%   | 0.018% |
| 58 | 18.441 | 2618 | 2622 | 2623 | rVV  | 3181   | 2869   | 0.29%   | 0.029% |
| 59 | 18.488 | 2627 | 2630 | 2634 | rVV2 | 3364   | 4754   | 0.49%   | 0.047% |
| 60 | 18.546 | 2637 | 2640 | 2644 | rVB4 | 2291   | 2924   | 0.30%   | 0.029% |
| 61 | 18.611 | 2650 | 2651 | 2653 | rBV2 | 2181   | 1354   | 0.14%   | 0.014% |
| 62 | 18.758 | 2671 | 2676 | 2678 | rBV3 | 3469   | 5161   | 0.53%   | 0.052% |
| 63 | 18.805 | 2680 | 2684 | 2686 | rVV3 | 3685   | 4067   | 0.42%   | 0.041% |
| 64 | 19.046 | 2723 | 2725 | 2728 | rBV2 | 1496   | 1835   | 0.19%   | 0.018% |
| 65 | 19.081 | 2730 | 2731 | 2733 | rVB2 | 2091   | 1311   | 0.13%   | 0.013% |
| 66 | 19.175 | 2743 | 2747 | 2750 | rBV3 | 3089   | 4151   | 0.42%   | 0.041% |
| 67 | 19.281 | 2763 | 2765 | 2768 | rBV4 | 1633   | 1519   | 0.16%   | 0.015% |
| 68 | 19.316 | 2768 | 2771 | 2772 | rBV3 | 5339   | 4369   | 0.45%   | 0.044% |
| 69 | 19.369 | 2778 | 2780 | 2783 | rVB3 | 3763   | 3023   | 0.31%   | 0.030% |
| 70 | 19.439 | 2783 | 2792 | 2798 | rBV  | 35482  | 57919  | 5.91%   | 0.578% |
| 71 | 19.504 | 2802 | 2803 | 2806 | rVB2 | 2161   | 1371   | 0.14%   | 0.014% |
| 72 | 19.539 | 2806 | 2809 | 2810 | rBV3 | 2145   | 2439   | 0.25%   | 0.024% |
| 73 | 19.592 | 2813 | 2818 | 2820 | rBV5 | 3369   | 6517   | 0.67%   | 0.065% |
| 74 | 19.639 | 2825 | 2826 | 2827 | rBV  | 2573   | 1789   | 0.18%   | 0.018% |
| 75 | 19.662 | 2828 | 2830 | 2831 | rVB2 | 3520   | 1721   | 0.18%   | 0.017% |
| 76 | 19.768 | 2842 | 2848 | 2859 | rVB  | 631189 | 979293 | 100.00% | 9.774% |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AS3

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-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 19.856 | 2861 | 2863 | 2867 | rVB4 | 2263   | 3153   | 0.32%  | 0.031% |
| 78 | 19.974 | 2881 | 2883 | 2887 | rVB5 | 4479   | 5284   | 0.54%  | 0.053% |
| 79 | 20.262 | 2930 | 2932 | 2933 | rBV2 | 3512   | 2675   | 0.27%  | 0.027% |
| 80 | 20.391 | 2950 | 2954 | 2956 | rBV5 | 3887   | 4681   | 0.48%  | 0.047% |
| 81 | 20.450 | 2962 | 2964 | 2971 | rBV6 | 5245   | 5803   | 0.59%  | 0.058% |
| 82 | 21.654 | 3161 | 3169 | 3174 | rBV2 | 261659 | 447288 | 45.67% | 4.464% |
| 83 | 23.117 | 3414 | 3418 | 3422 | rVB4 | 27159  | 41168  | 4.20%  | 0.411% |
| 84 | 23.921 | 3550 | 3555 | 3564 | rVB4 | 50285  | 110683 | 11.30% | 1.105% |
| 85 | 24.667 | 3673 | 3682 | 3690 | rVB  | 302142 | 804540 | 82.16% | 8.030% |
| 86 | 24.879 | 3709 | 3718 | 3729 | rVB3 | 186069 | 583134 | 59.55% | 5.820% |
| 87 | 25.995 | 3901 | 3908 | 3919 | rVB3 | 66806  | 201667 | 20.59% | 2.013% |

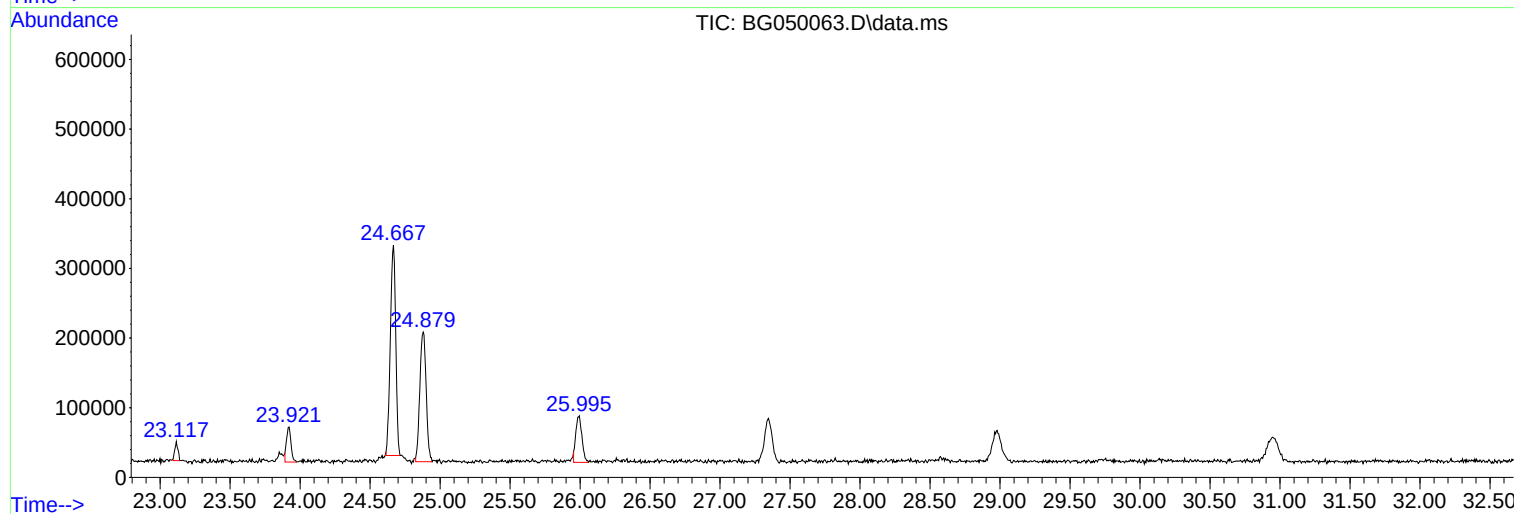
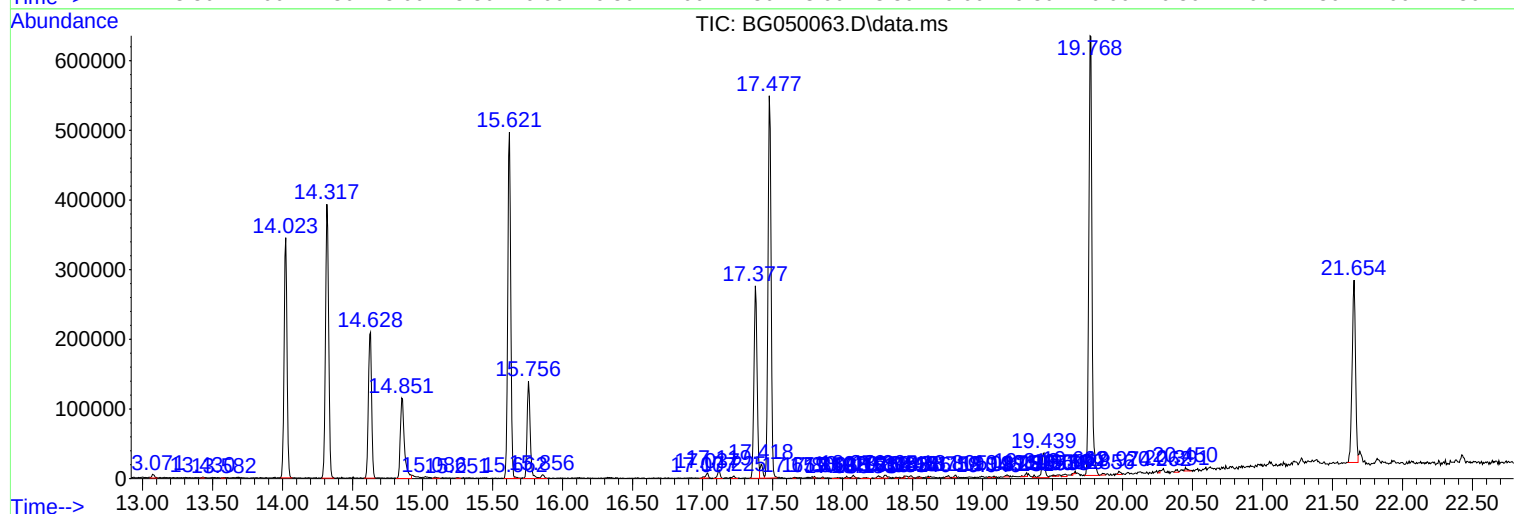
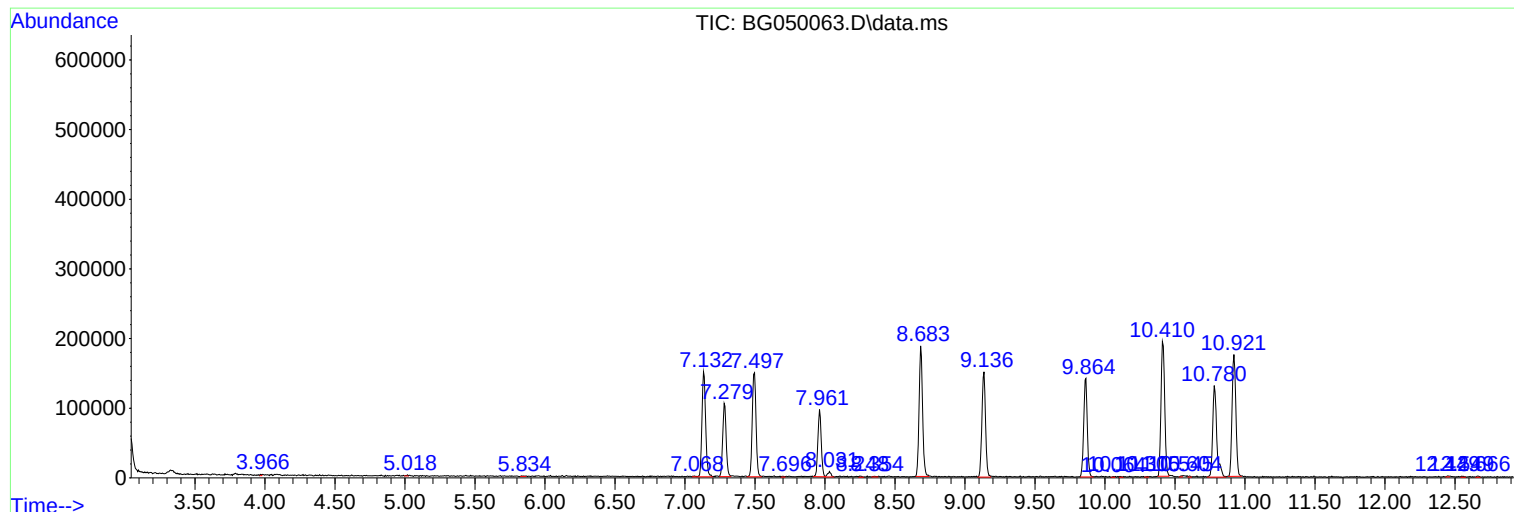
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Sample : M3472-05  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AS3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
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Sample : M3472-05  
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Instrument :  
BNA\_G  
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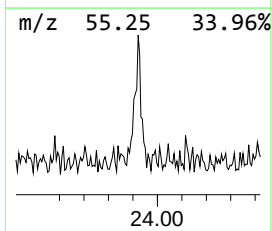
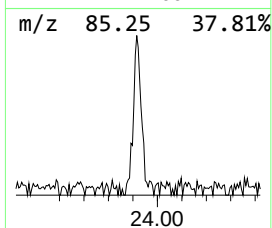
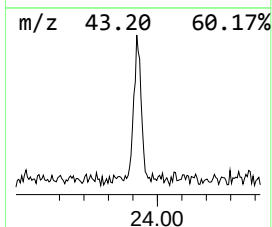
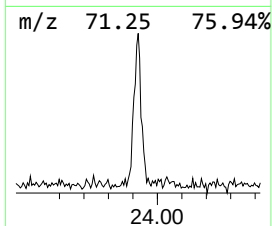
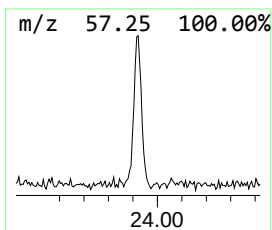
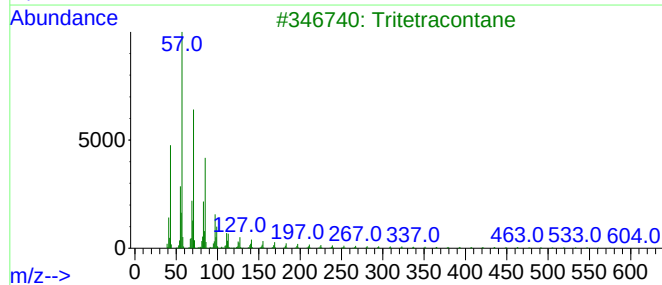
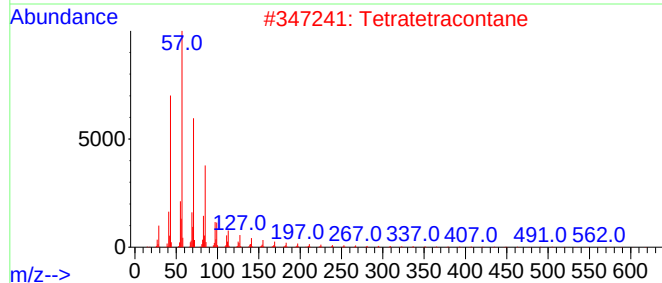
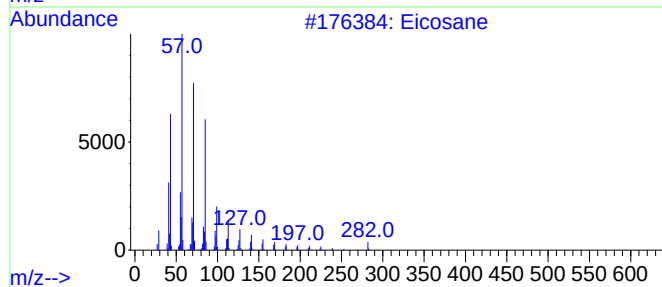
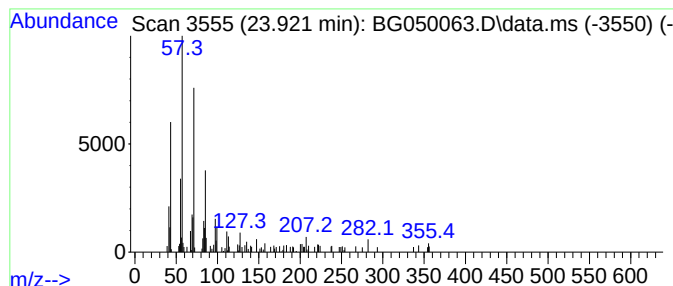
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.921 | 3.80 ng/ul | 110683 | Perylene-d12     | 24.885 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | Eicosane            |   |              | 282 | C20H42  | 000112-95-8 | 87   |
| 2    | Tetratetracontane   |   |              | 619 | C44H90  | 007098-22-8 | 86   |
| 3    | Tritetracontane     |   |              | 605 | C43H88  | 007098-21-7 | 78   |
| 4    | Eicosane            |   |              | 282 | C20H42  | 000112-95-8 | 76   |
| 5    | 15-Methylnonacosane |   |              | 422 | C30H62  | 065820-60-2 | 72   |



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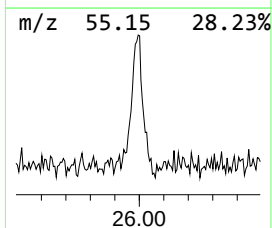
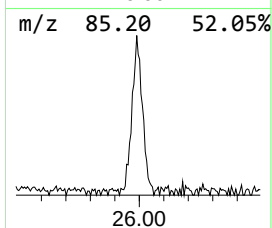
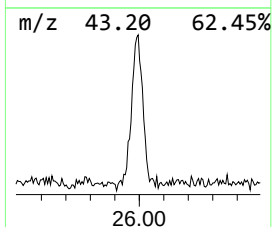
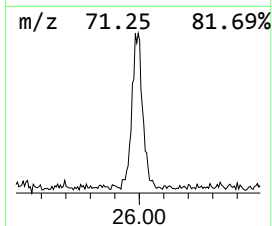
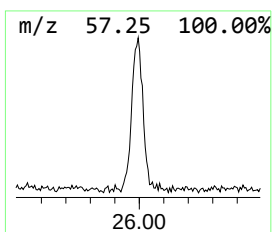
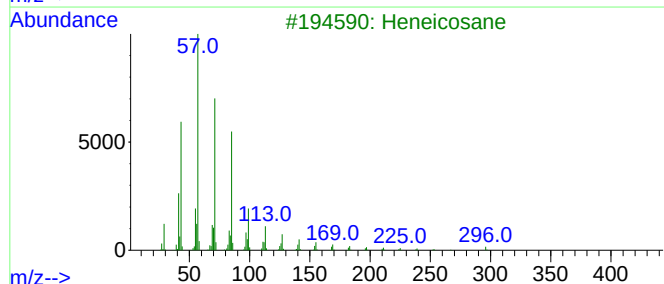
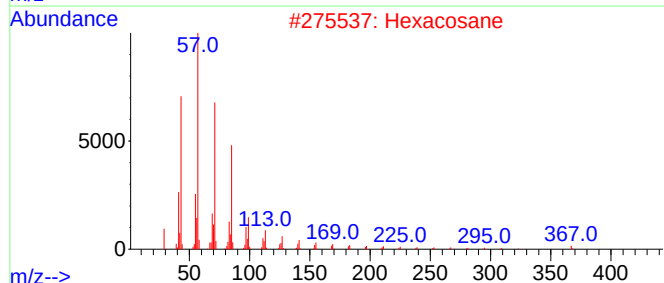
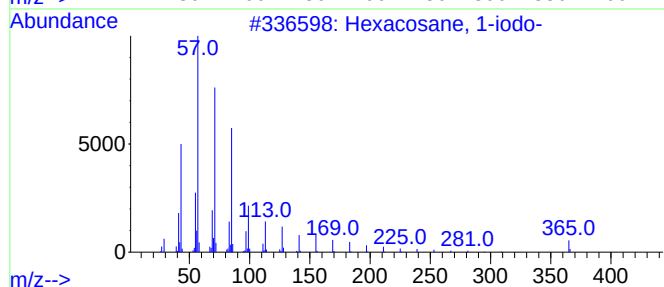
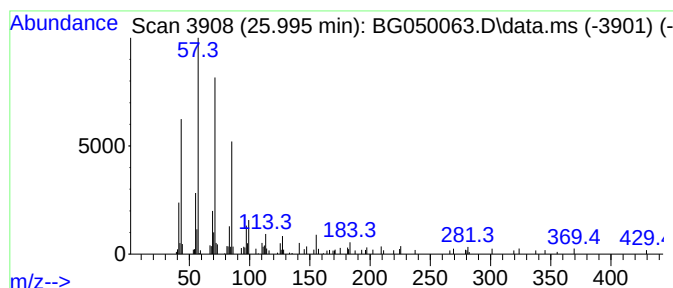
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Hexacosane, 1-iodo- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.995 | 6.92 ng/ul | 201667 | Perylene-d12     | 24.885 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|------|---------------------|-----|---------|--------------|------|
| 1    |      | Hexacosane, 1-iodo- | 492 | C26H53I | 1000406-32-1 | 91   |
| 2    |      | Hexacosane          | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |      | Heneicosane         | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |      | Pentacosane         | 352 | C25H52  | 000629-99-2  | 91   |
| 5    |      | Docosane, 1-iodo-   | 436 | C22H45I | 1000406-31-9 | 90   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 23.921 | 3.8     | ng/ul | 110683   | 6                     | 24.885 | 583134 | 20.0 |
| Hexacosane, 1-i... | 25.995 | 6.9     | ng/ul | 201667   | 6                     | 24.885 | 583134 | 20.0 |