

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041423\  
 Data File : BN024928.D  
 Acq On : 15 Apr 2023 11:00  
 Operator : CG/JU  
 Sample : 02254-13  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB5

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\_N\Methods\SFAM-EPA-BN041023.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN024928.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         | 3.270       | 10            | 14          | 18           | rBV      | 139697         | 216654        | 2.02%           | 0.220%        |
| 2         | 3.305       | 18            | 20          | 22           | rVV      | 79039          | 90541         | 0.84%           | 0.092%        |
| 3         | 3.340       | 22            | 26          | 43           | rVB      | 537963         | 833761        | 7.76%           | 0.848%        |
| 4         | 3.587       | 65            | 68          | 75           | rVB3     | 11924          | 18361         | 0.17%           | 0.019%        |
| 5         | 3.740       | 93            | 94          | 106          | rBV      | 216223         | 394621        | 3.67%           | 0.401%        |
| 6         | 3.970       | 130           | 133         | 140          | rVB6     | 9988           | 17841         | 0.17%           | 0.018%        |
| 7         | 4.070       | 145           | 150         | 159          | rVB      | 27226          | 49088         | 0.46%           | 0.050%        |
| 8         | 4.170       | 162           | 167         | 174          | rVB7     | 8558           | 17614         | 0.16%           | 0.018%        |
| 9         | 4.605       | 236           | 241         | 250          | rVB      | 24782          | 45301         | 0.42%           | 0.046%        |
| 10        | 5.005       | 303           | 309         | 315          | rBV4     | 6960           | 15222         | 0.14%           | 0.015%        |
| 11        | 6.022       | 478           | 482         | 487          | rBV7     | 12005          | 18595         | 0.17%           | 0.019%        |
| 12        | 7.093       | 657           | 664         | 676          | rVB      | 417274         | 665132        | 6.19%           | 0.676%        |
| 13        | 7.263       | 686           | 693         | 703          | rBV      | 1308698        | 2036861       | 18.97%          | 2.071%        |
| 14        | 7.463       | 719           | 727         | 737          | rBV      | 1319301        | 2083166       | 19.40%          | 2.118%        |
| 15        | 7.546       | 737           | 741         | 747          | rVB5     | 9099           | 13462         | 0.13%           | 0.014%        |
| 16        | 7.934       | 800           | 807         | 815          | rBV      | 1289572        | 2023011       | 18.84%          | 2.057%        |
| 17        | 8.052       | 823           | 827         | 834          | rVB2     | 37468          | 59194         | 0.55%           | 0.060%        |
| 18        | 8.646       | 921           | 928         | 937          | rBV      | 1129870        | 1751376       | 16.31%          | 1.781%        |
| 19        | 9.105       | 998           | 1006        | 1016         | rBV      | 1682559        | 2679409       | 24.95%          | 2.725%        |
| 20        | 9.216       | 1019          | 1025        | 1029         | rVV5     | 10550          | 19839         | 0.18%           | 0.020%        |
| 21        | 9.263       | 1029          | 1033        | 1039         | rVB7     | 6220           | 13086         | 0.12%           | 0.013%        |
| 22        | 9.510       | 1070          | 1075        | 1085         | rBV3     | 16721          | 29666         | 0.28%           | 0.030%        |
| 23        | 9.828       | 1120          | 1129        | 1141         | rBV      | 1370525        | 2199192       | 20.48%          | 2.236%        |
| 24        | 10.363      | 1213          | 1220        | 1235         | rBV      | 1734319        | 2971515       | 27.67%          | 3.022%        |
| 25        | 10.746      | 1276          | 1285        | 1294         | rBV      | 1792387        | 3034719       | 28.26%          | 3.086%        |
| 26        | 10.887      | 1298          | 1309        | 1326         | rBV      | 1305310        | 2236088       | 20.82%          | 2.274%        |
| 27        | 11.534      | 1415          | 1419        | 1430         | rBV4     | 15054          | 32993         | 0.31%           | 0.034%        |
| 28        | 12.004      | 1495          | 1499        | 1503         | rBV3     | 10943          | 14961         | 0.14%           | 0.015%        |
| 29        | 12.340      | 1548          | 1556        | 1561         | rBV2     | 31435          | 54215         | 0.50%           | 0.055%        |
| 30        | 13.398      | 1732          | 1736        | 1743         | rVB6     | 9554           | 15475         | 0.14%           | 0.016%        |
| 31        | 13.993      | 1830          | 1837        | 1846         | rBV      | 3523551        | 4961064       | 46.20%          | 5.045%        |
| 32        | 14.104      | 1852          | 1856        | 1861         | rVB6     | 9917           | 12717         | 0.12%           | 0.013%        |
| 33        | 14.275      | 1878          | 1885        | 1898         | rBV      | 4044161        | 5732426       | 53.38%          | 5.829%        |
| 34        | 14.581      | 1930          | 1937        | 1947         | rBV      | 2853203        | 4089131       | 38.08%          | 4.158%        |
| 35        | 14.775      | 1964          | 1970        | 1986         | rBV      | 332161         | 583352        | 5.43%           | 0.593%        |
| 36        | 14.987      | 2003          | 2006        | 2013         | rVB6     | 14151          | 24583         | 0.23%           | 0.025%        |

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Misc :  
ALS Vial : 76 Sample Multiplier: 1

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ClientSampleId :  
C0AB5

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\_N\Methods\SFAM-EPA-BN041023.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 15.575 | 2098 | 2106 | 2118 | rBV  | 4977460 | 7295942  | 67.94%  | 7.419%  |
| 38 | 15.692 | 2118 | 2126 | 2139 | rVV  | 2135849 | 2899542  | 27.00%  | 2.948%  |
| 39 | 15.810 | 2142 | 2146 | 2153 | rVB2 | 28085   | 46559    | 0.43%   | 0.047%  |
| 40 | 15.934 | 2162 | 2167 | 2173 | rBV  | 216095  | 311377   | 2.90%   | 0.317%  |
| 41 | 16.039 | 2181 | 2185 | 2188 | rBV5 | 7722    | 11413    | 0.11%   | 0.012%  |
| 42 | 16.304 | 2222 | 2230 | 2234 | rVB8 | 9887    | 22280    | 0.21%   | 0.023%  |
| 43 | 17.122 | 2364 | 2369 | 2374 | rVB5 | 13524   | 26647    | 0.25%   | 0.027%  |
| 44 | 17.328 | 2397 | 2404 | 2414 | rBV  | 3605368 | 4990782  | 46.47%  | 5.075%  |
| 45 | 17.428 | 2414 | 2421 | 2434 | rBV2 | 6136048 | 8563490  | 79.74%  | 8.708%  |
| 46 | 17.610 | 2448 | 2452 | 2454 | rBV4 | 12043   | 14555    | 0.14%   | 0.015%  |
| 47 | 17.992 | 2514 | 2517 | 2521 | rVB5 | 9559    | 13320    | 0.12%   | 0.014%  |
| 48 | 18.210 | 2550 | 2554 | 2565 | rBV  | 135793  | 222526   | 2.07%   | 0.226%  |
| 49 | 19.286 | 2732 | 2737 | 2742 | rBV2 | 79887   | 114989   | 1.07%   | 0.117%  |
| 50 | 19.351 | 2744 | 2748 | 2754 | rBV  | 81352   | 133988   | 1.25%   | 0.136%  |
| 51 | 19.492 | 2768 | 2772 | 2779 | rBV  | 101359  | 131494   | 1.22%   | 0.134%  |
| 52 | 19.639 | 2795 | 2797 | 2803 | rVB6 | 17411   | 17237    | 0.16%   | 0.018%  |
| 53 | 19.722 | 2805 | 2811 | 2825 | rBV  | 7653253 | 10115972 | 94.20%  | 10.286% |
| 54 | 21.222 | 3062 | 3066 | 3073 | rBV3 | 172070  | 328253   | 3.06%   | 0.334%  |
| 55 | 21.522 | 3112 | 3117 | 3127 | rBV  | 4323876 | 5469578  | 50.93%  | 5.562%  |
| 56 | 22.427 | 3267 | 3271 | 3279 | rVB  | 660653  | 845065   | 7.87%   | 0.859%  |
| 57 | 23.210 | 3401 | 3404 | 3410 | rVB2 | 174962  | 246603   | 2.30%   | 0.251%  |
| 58 | 23.821 | 3499 | 3508 | 3521 | rBV  | 4909215 | 10739186 | 100.00% | 10.920% |
| 59 | 23.974 | 3527 | 3534 | 3549 | rVB2 | 2945930 | 5607235  | 52.21%  | 5.702%  |
| 60 | 24.598 | 3635 | 3640 | 3646 | rVB  | 254829  | 472361   | 4.40%   | 0.480%  |
| 61 | 25.445 | 3780 | 3784 | 3798 | rVB2 | 282540  | 649181   | 6.04%   | 0.660%  |

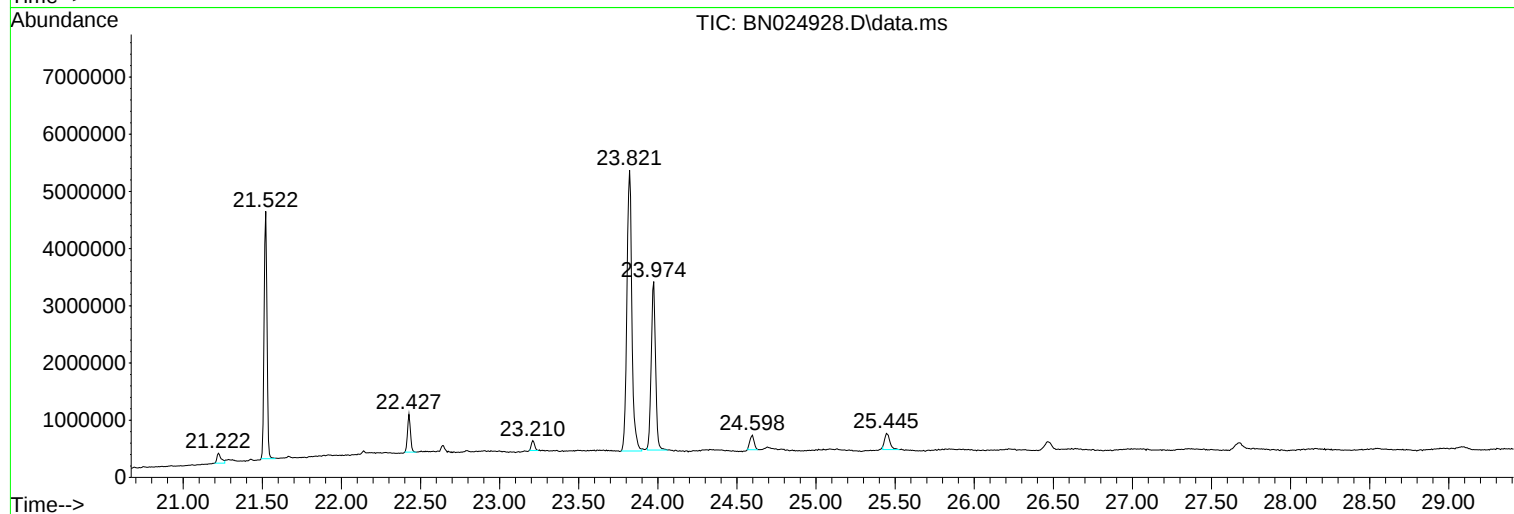
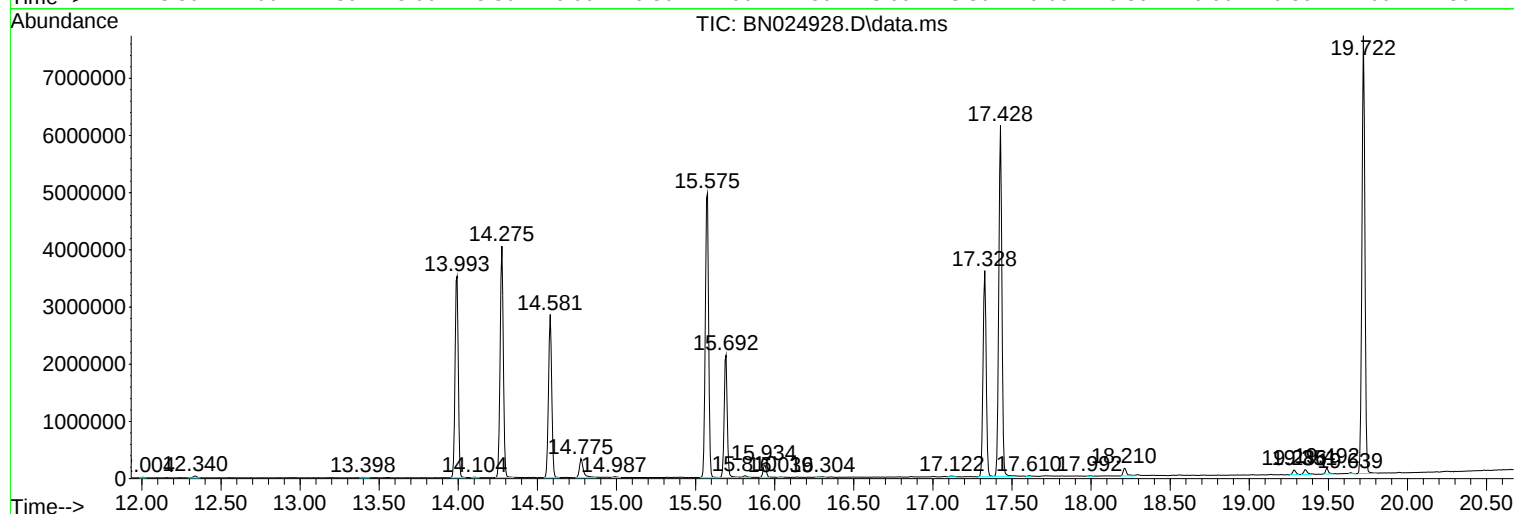
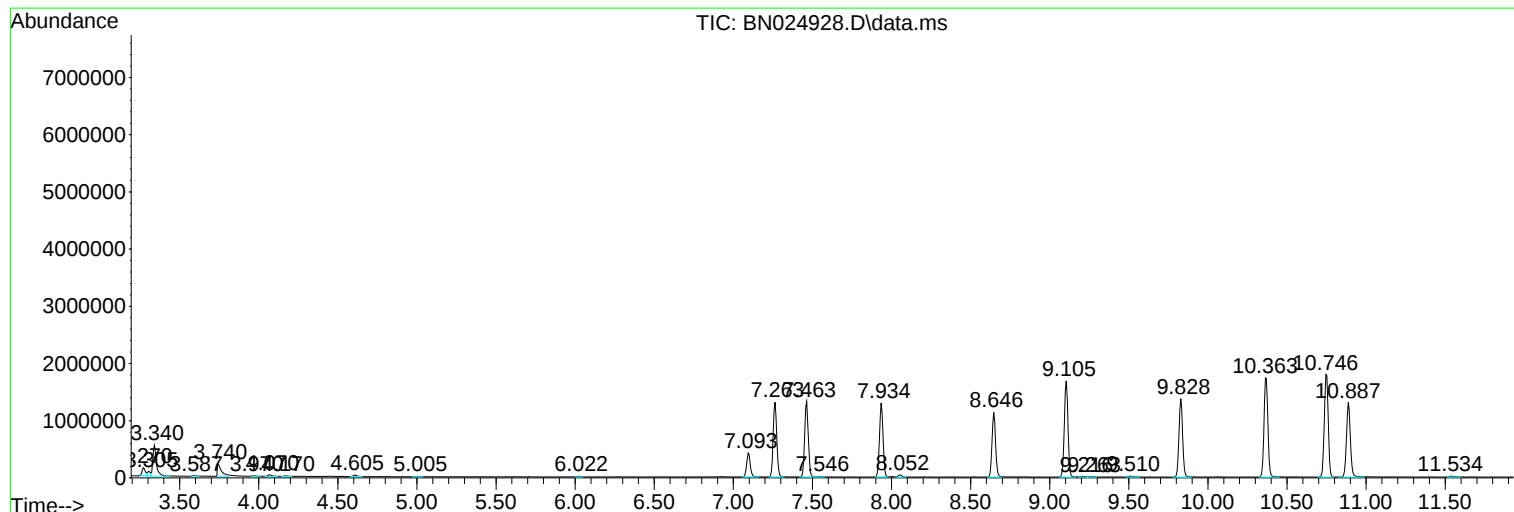
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Misc :  
ALS Vial : 76 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AB5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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



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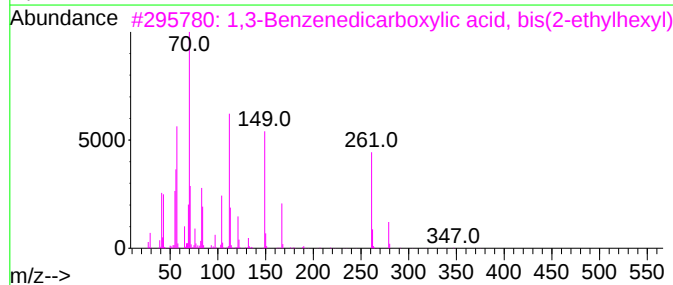
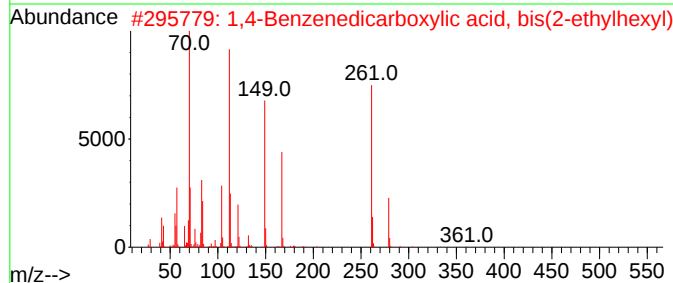
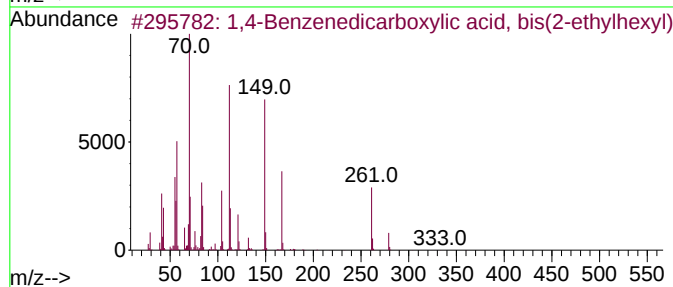
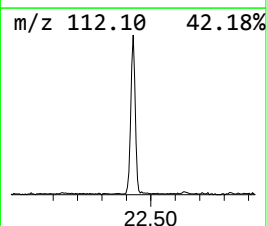
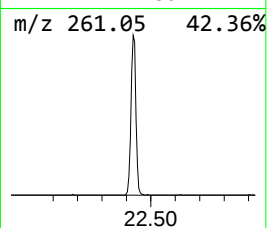
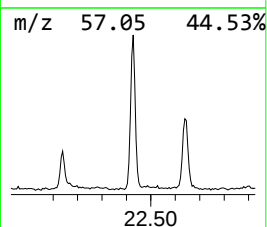
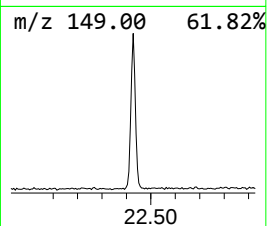
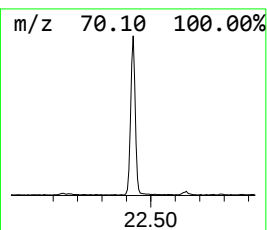
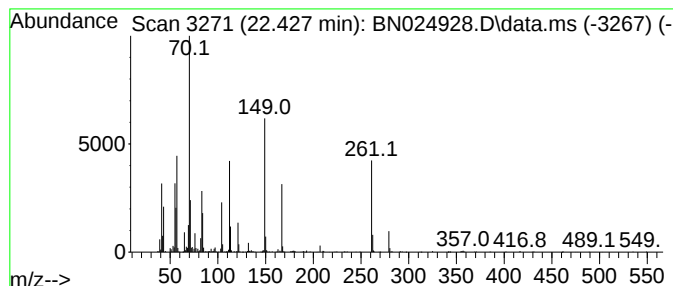
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1,4-Benzenedicarboxylic aci... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 22.427    | 3.09 ng/ul                          | 845065 | Chrysene-d12     | 21.522      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,4-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 006422-86-2 | 64   |
| 2         | 1,4-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 006422-86-2 | 58   |
| 3         | 1,3-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 000137-89-3 | 53   |
| 4         | 1,3-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 000137-89-3 | 52   |
| 5         | 1,4-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 006422-86-2 | 47   |



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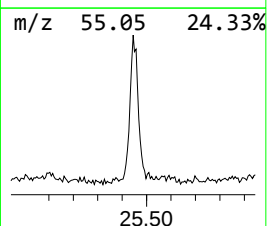
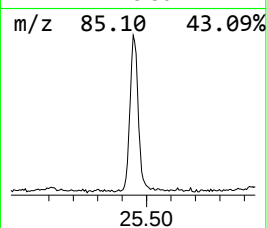
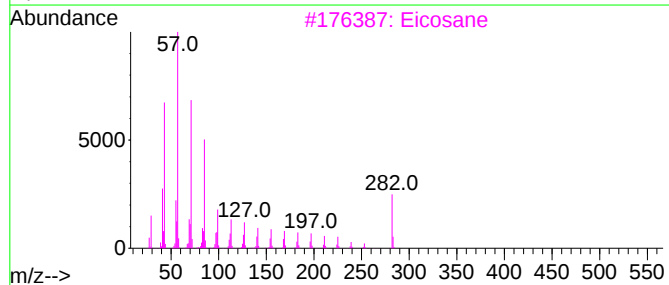
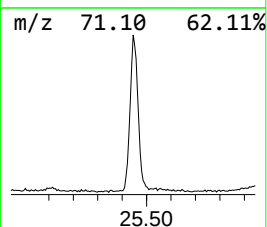
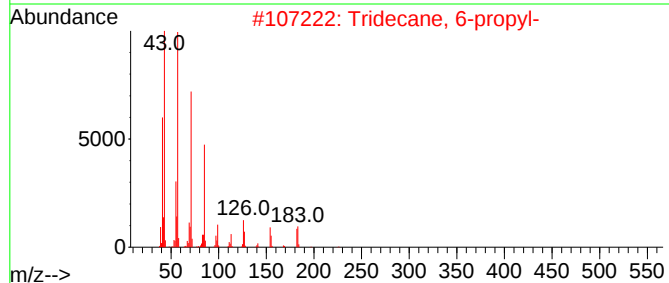
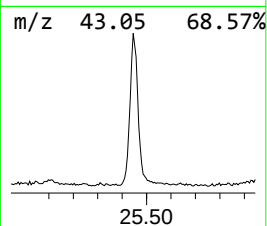
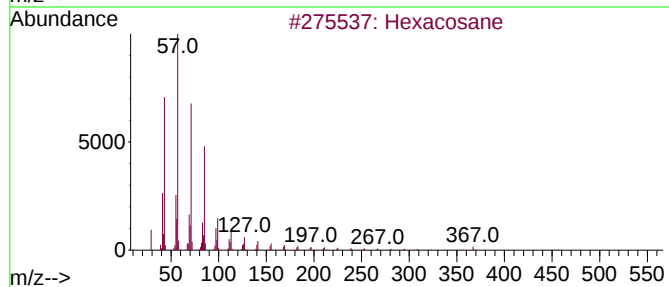
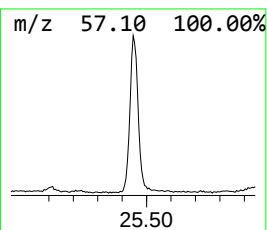
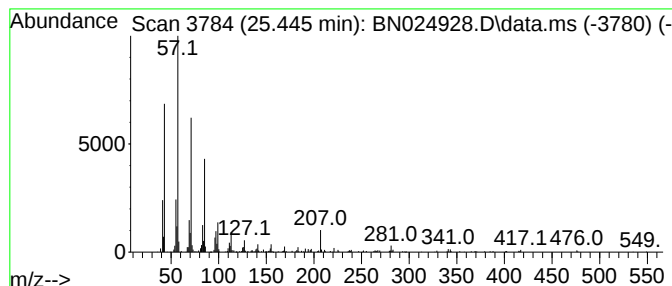
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Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.445 | 2.32 ng/ul | 649181 | Perylene-d12     | 23.974 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane           | 366 | C26H54  | 000630-01-3 | 93   |
| 2    |    |   | Tridecane, 6-propyl- | 226 | C16H34  | 055045-10-8 | 90   |
| 3    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 90   |
| 4    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7 | 87   |
| 5    |    |   | Tetracosane          | 338 | C24H50  | 000646-31-1 | 87   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1,4-Benzenedica... | 22.427 | 3.1     | ng/u1 | 845065   | 5                     | 21.522 | 5469580 | 20.0 |
| (DEL) Alkane: S... | 25.445 | 2.3     | ng/u1 | 649181   | 6                     | 23.974 | 5607240 | 20.0 |