

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111121\  
 Data File : BG050993.D  
 Acq On : 12 Nov 2021 9:31  
 Operator : CG/JU  
 Sample : PB140666BL  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK666

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-BG110321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050993.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         | 3.588       | 13            | 17          | 25           | rVV      | 14753          | 22356         | 1.50%           | 0.150%        |
| 2         | 4.011       | 85            | 89          | 102          | rBV      | 179395         | 318896        | 21.40%          | 2.134%        |
| 3         | 4.358       | 145           | 148         | 153          | rVB      | 2468           | 3450          | 0.23%           | 0.023%        |
| 4         | 7.372       | 654           | 661         | 669          | rBV      | 211864         | 375936        | 25.23%          | 2.516%        |
| 5         | 7.543       | 684           | 690         | 701          | rVB      | 166639         | 282717        | 18.97%          | 1.892%        |
| 6         | 7.754       | 718           | 726         | 737          | rBV      | 196879         | 350145        | 23.50%          | 2.343%        |
| 7         | 8.230       | 799           | 807         | 818          | rBV      | 140554         | 245113        | 16.45%          | 1.640%        |
| 8         | 8.923       | 917           | 925         | 938          | rBV      | 246593         | 448813        | 30.12%          | 3.004%        |
| 9         | 9.399       | 998           | 1006        | 1020         | rVB      | 202006         | 374031        | 25.10%          | 2.503%        |
| 10        | 10.128      | 1123          | 1130        | 1140         | rBV      | 176100         | 317907        | 21.33%          | 2.128%        |
| 11        | 10.668      | 1214          | 1222        | 1233         | rBV      | 233957         | 434441        | 29.15%          | 2.908%        |
| 12        | 11.056      | 1280          | 1288        | 1297         | rVB      | 206327         | 381525        | 25.60%          | 2.553%        |
| 13        | 11.185      | 1302          | 1310        | 1325         | rBV      | 246717         | 471114        | 31.61%          | 3.153%        |
| 14        | 12.631      | 1547          | 1556        | 1562         | rBV3     | 3555           | 6921          | 0.46%           | 0.046%        |
| 15        | 14.247      | 1824          | 1831        | 1839         | rBV      | 505765         | 763009        | 51.20%          | 5.107%        |
| 16        | 14.546      | 1875          | 1882        | 1890         | rBV      | 540439         | 871988        | 58.51%          | 5.836%        |
| 17        | 14.852      | 1927          | 1934        | 1941         | rBV      | 356345         | 557286        | 37.40%          | 3.730%        |
| 18        | 15.034      | 1959          | 1965        | 1980         | rBV      | 210729         | 392985        | 26.37%          | 2.630%        |
| 19        | 15.839      | 2095          | 2102        | 2111         | rBV      | 721038         | 1096825       | 73.60%          | 7.341%        |
| 20        | 15.956      | 2116          | 2122        | 2134         | rBV      | 228606         | 362321        | 24.31%          | 2.425%        |
| 21        | 16.074      | 2140          | 2142        | 2151         | rVB2     | 2369           | 3429          | 0.23%           | 0.023%        |
| 22        | 17.384      | 2362          | 2365        | 2370         | rVB2     | 1156           | 1850          | 0.12%           | 0.012%        |
| 23        | 17.596      | 2394          | 2401        | 2411         | rVB      | 461766         | 710576        | 47.68%          | 4.756%        |
| 24        | 17.695      | 2411          | 2418        | 2433         | rVB      | 826314         | 1265588       | 84.93%          | 8.470%        |
| 25        | 19.534      | 2725          | 2731        | 2736         | rBV3     | 10483          | 17382         | 1.17%           | 0.116%        |
| 26        | 19.611      | 2736          | 2744        | 2750         | rBV2     | 9671           | 17799         | 1.19%           | 0.119%        |
| 27        | 19.969      | 2798          | 2805        | 2817         | rBV      | 1016935        | 1490218       | 100.00%         | 9.973%        |
| 28        | 20.551      | 2901          | 2904        | 2905         | rBV3     | 2173           | 1792          | 0.12%           | 0.012%        |
| 29        | 20.815      | 2940          | 2949        | 2950         | rBV7     | 4661           | 8448          | 0.57%           | 0.057%        |
| 30        | 21.080      | 2991          | 2994        | 2995         | rBV2     | 1825           | 1915          | 0.13%           | 0.013%        |
| 31        | 21.890      | 3125          | 3132        | 3141         | rVB      | 410929         | 724818        | 48.64%          | 4.851%        |
| 32        | 22.690      | 3261          | 3268        | 3270         | rBV7     | 8638           | 14169         | 0.95%           | 0.095%        |
| 33        | 22.789      | 3283          | 3285        | 3287         | rVB3     | 2705           | 1892          | 0.13%           | 0.013%        |
| 34        | 23.412      | 3385          | 3391        | 3397         | rVB4     | 19510          | 37226         | 2.50%           | 0.249%        |
| 35        | 23.835      | 3461          | 3463        | 3465         | rBV3     | 1892           | 1913          | 0.13%           | 0.013%        |
| 36        | 24.217      | 3526          | 3528        | 3529         | rBV2     | 2193           | 2176          | 0.15%           | 0.015%        |

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK666

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-BG110321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 24.258 | 3529 | 3535 | 3544 | rVB2 | 26656  | 56922   | 3.82%  | 0.381% |
| 38 | 25.057 | 3658 | 3671 | 3683 | rBV2 | 451549 | 1343944 | 90.18% | 8.994% |
| 39 | 25.287 | 3698 | 3710 | 3725 | rVB2 | 244027 | 799843  | 53.67% | 5.353% |
| 40 | 25.898 | 3812 | 3814 | 3816 | rBV2 | 2140   | 2010    | 0.13%  | 0.013% |
| 41 | 26.180 | 3860 | 3862 | 3865 | rBV4 | 1923   | 1499    | 0.10%  | 0.010% |
| 42 | 26.456 | 3900 | 3909 | 3920 | rVB3 | 28080  | 87430   | 5.87%  | 0.585% |
| 43 | 27.314 | 4053 | 4055 | 4056 | rBV2 | 2621   | 1874    | 0.13%  | 0.013% |
| 44 | 27.889 | 4140 | 4153 | 4166 | rBV6 | 27816  | 111900  | 7.51%  | 0.749% |
| 45 | 28.271 | 4216 | 4218 | 4220 | rBV3 | 2646   | 2108    | 0.14%  | 0.014% |
| 46 | 28.841 | 4313 | 4315 | 4318 | rBV3 | 1991   | 2008    | 0.13%  | 0.013% |
| 47 | 29.258 | 4384 | 4386 | 4387 | rBV  | 2184   | 1633    | 0.11%  | 0.011% |
| 48 | 29.388 | 4406 | 4408 | 4411 | rBV4 | 1778   | 2008    | 0.13%  | 0.013% |
| 49 | 29.623 | 4440 | 4448 | 4461 | rVB4 | 18155  | 69527   | 4.67%  | 0.465% |
| 50 | 30.028 | 4515 | 4517 | 4520 | rBV4 | 1939   | 1988    | 0.13%  | 0.013% |
| 51 | 31.644 | 4790 | 4792 | 4793 | rBV2 | 2155   | 1536    | 0.10%  | 0.010% |
| 52 | 31.738 | 4798 | 4808 | 4819 | rVV7 | 14926  | 67404   | 4.52%  | 0.451% |
| 53 | 31.844 | 4823 | 4826 | 4827 | rBV3 | 2239   | 2113    | 0.14%  | 0.014% |
| 54 | 31.879 | 4831 | 4832 | 4834 | rBV2 | 2443   | 1630    | 0.11%  | 0.011% |
| 55 | 31.908 | 4834 | 4837 | 4840 | rBV4 | 1842   | 2778    | 0.19%  | 0.019% |
| 56 | 32.131 | 4874 | 4875 | 4878 | rVB3 | 3429   | 2784    | 0.19%  | 0.019% |

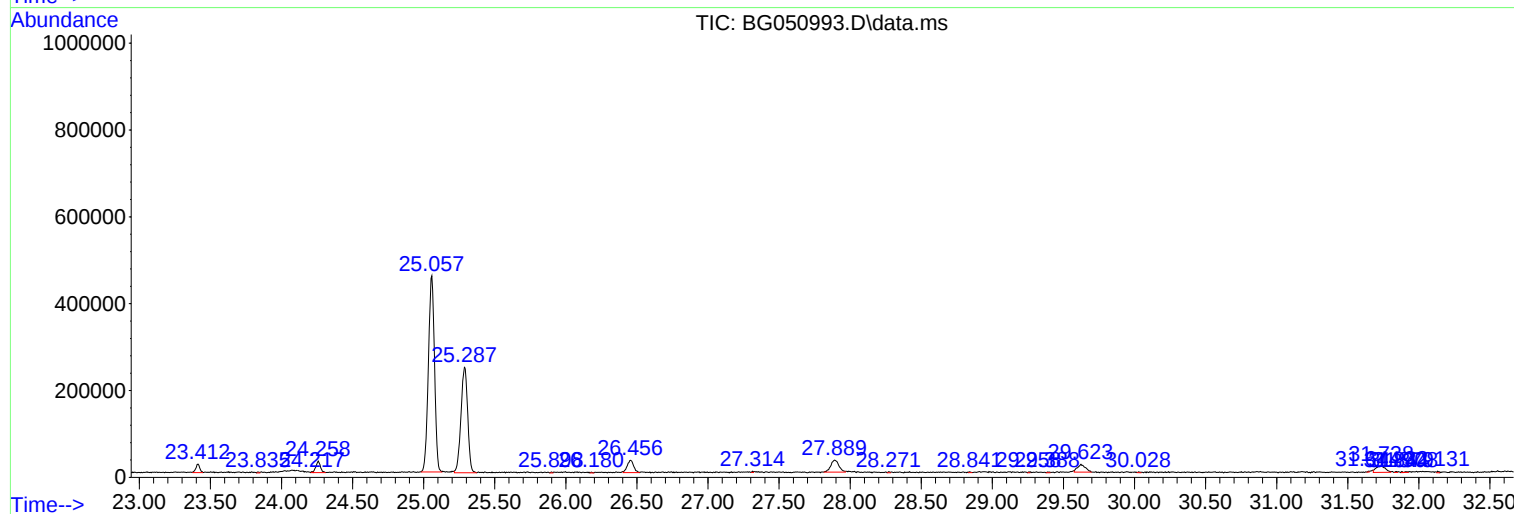
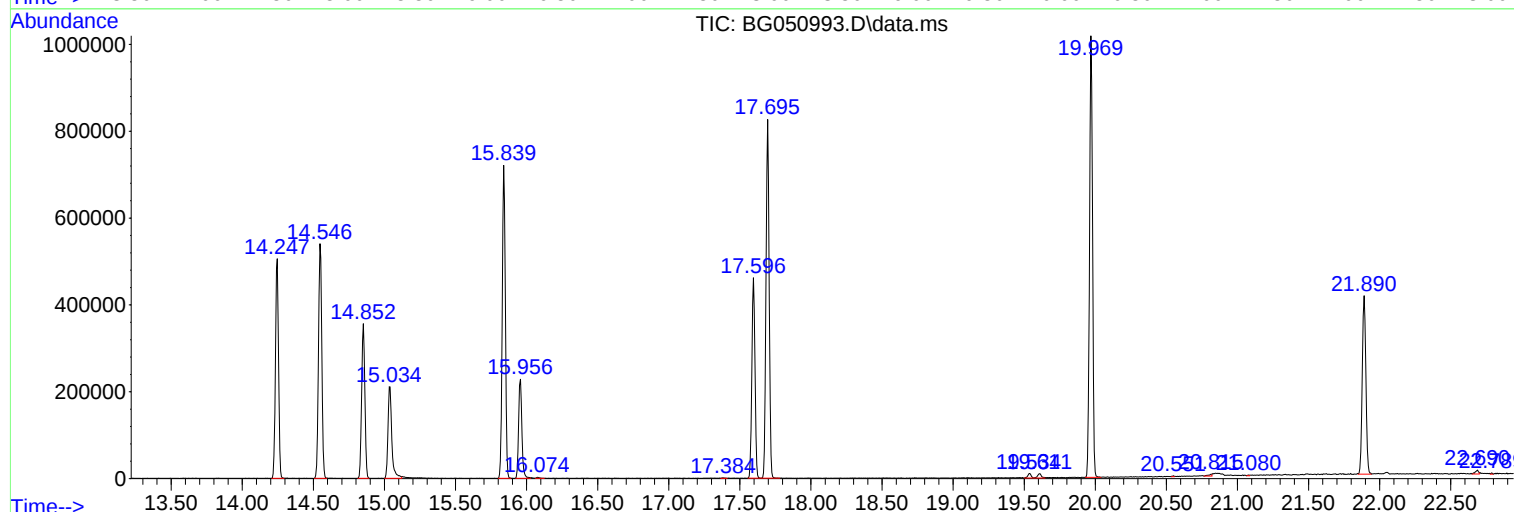
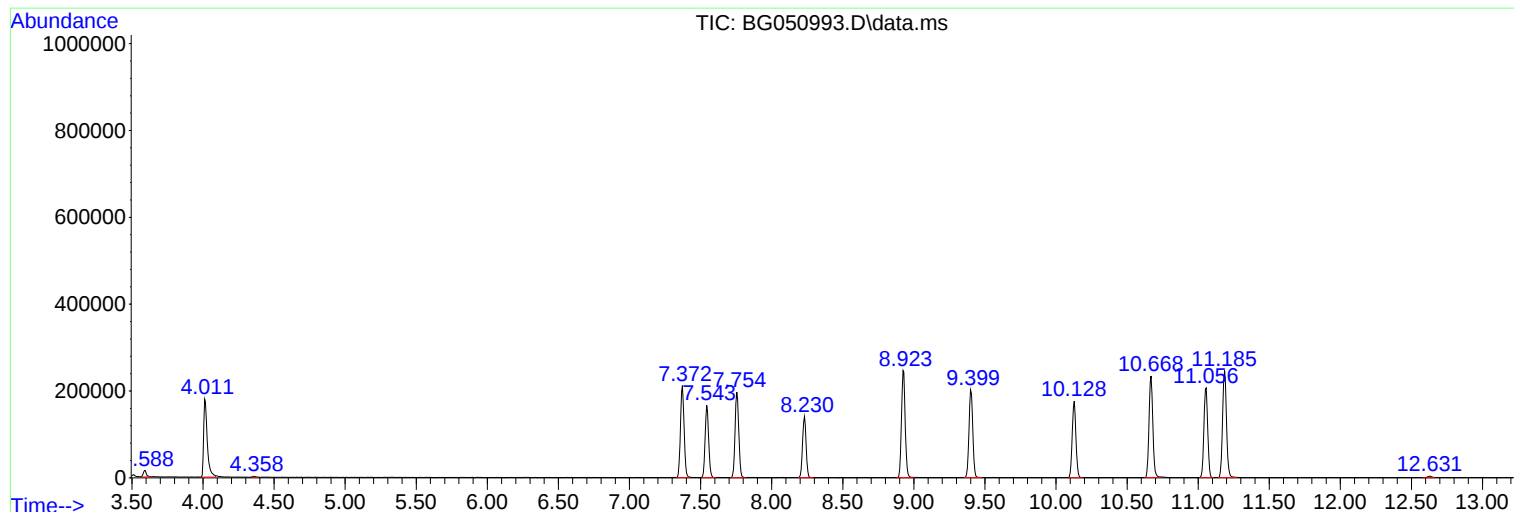
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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



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Data File : BG050993.D  
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Operator : CG/JU  
Sample : PB140666BL  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

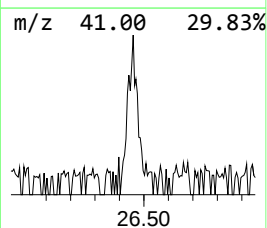
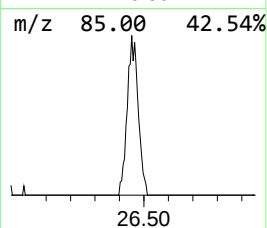
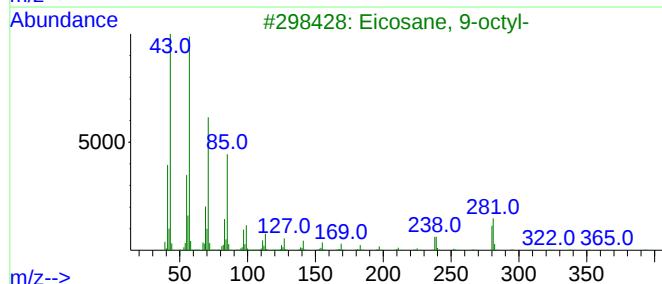
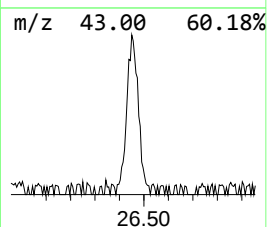
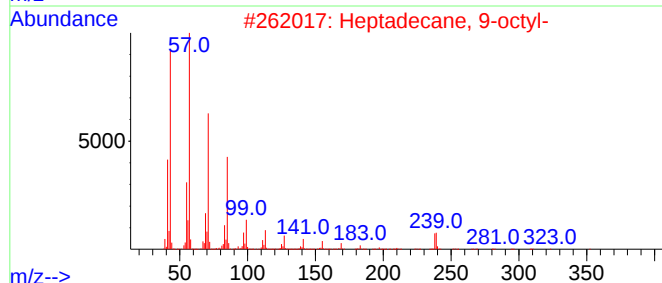
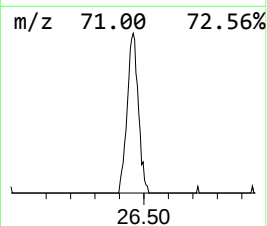
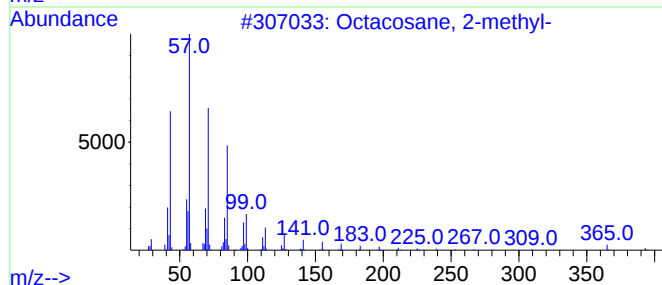
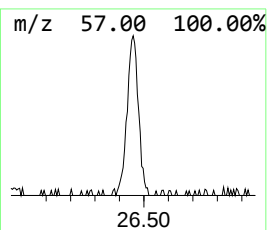
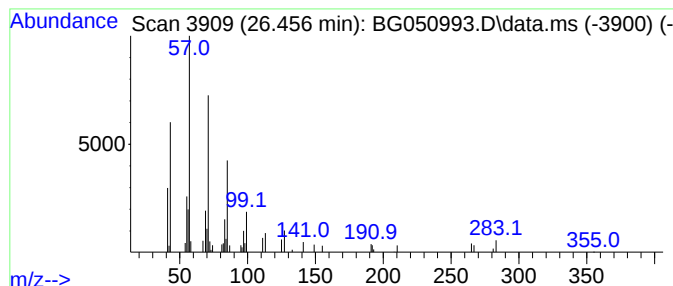
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 26.456 | 2.19 ng/ul | 87430 | Perylene-d12     | 25.292 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 2    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 3    |      | Eicosane, 9-octyl-    | 394 | C28H58  | 013475-77-9 | 90   |
| 4    |      | Eicosane, 2-methyl-   | 296 | C21H44  | 001560-84-5 | 90   |
| 5    |      | Eicosane, 7-hexyl-    | 366 | C26H54  | 055333-99-8 | 90   |



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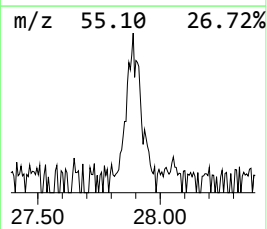
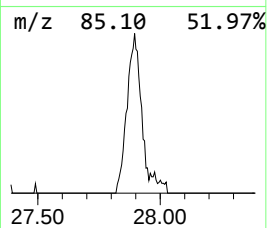
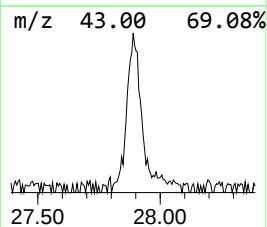
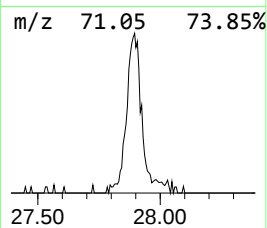
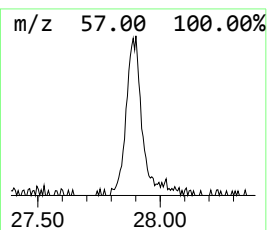
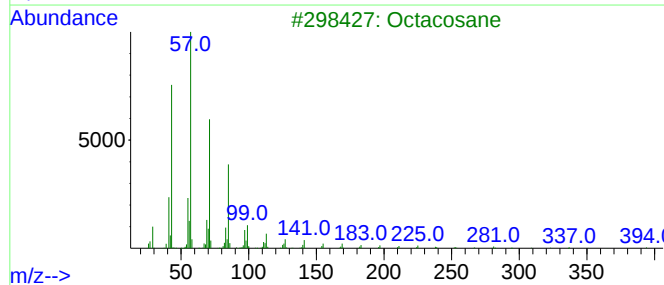
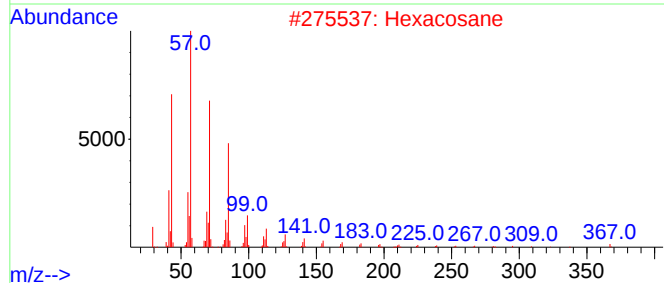
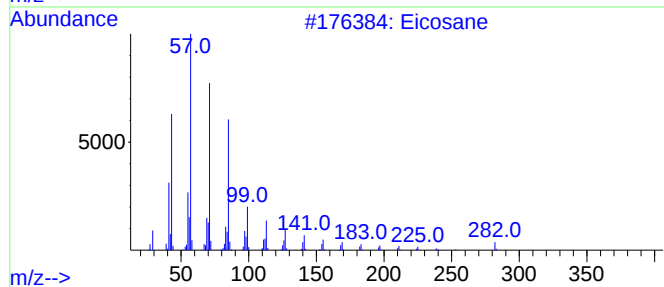
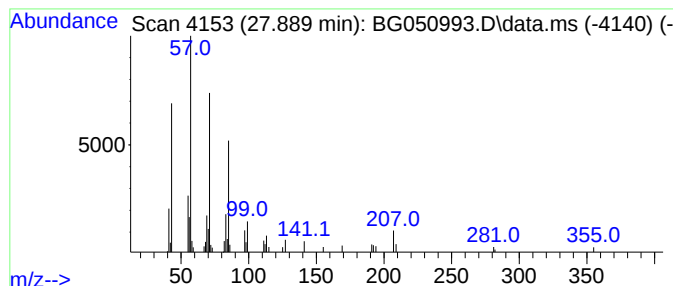
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 27.889 | 2.80 ng/ul | 111900 | Perylene-d12     | 25.292 |

| Hit# | of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------|-----|---------|-------------|------|
| 1    |      | Eicosane          | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |      | Hexacosane        | 366 | C26H54  | 000630-01-3 | 87   |
| 3    |      | Octacosane        | 394 | C28H58  | 000630-02-4 | 87   |
| 4    |      | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 87   |
| 5    |      | Tetracosane       | 338 | C24H50  | 000646-31-1 | 83   |



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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... | 26.456 | 2.2     | ng/u1 | 87430    | 6                     | 25.292 | 799843 | 20.0 |
| (DEL) Alkane: S... | 27.889 | 2.8     | ng/u1 | 111900   | 6                     | 25.292 | 799843 | 20.0 |