

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
 Data File : BP006419.D  
 Acq On : 29 Jul 2021 14:17  
 Operator : CG/JU  
 Sample : M3123-19  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0080

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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\_P\METHODS\SFAM-EPA-BP072421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP006419.D

| 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         | 3.299       | 32            | 36          | 50           | rVB      | 61561          | 106208        | 1.73%           | 0.103%        |
| 2         | 3.699       | 100           | 104         | 118          | rBV      | 577297         | 1024886       | 16.66%          | 0.990%        |
| 3         | 3.805       | 118           | 122         | 130          | rVV      | 93301          | 136351        | 2.22%           | 0.132%        |
| 4         | 6.952       | 647           | 657         | 664          | rVV      | 1098043        | 1792038       | 29.12%          | 1.731%        |
| 5         | 7.122       | 679           | 686         | 698          | rVB      | 863016         | 1347758       | 21.90%          | 1.302%        |
| 6         | 7.311       | 712           | 718         | 729          | rVV      | 1100807        | 1696710       | 27.58%          | 1.639%        |
| 7         | 7.411       | 730           | 735         | 743          | rVB3     | 48980          | 98056         | 1.59%           | 0.095%        |
| 8         | 7.781       | 788           | 798         | 808          | rBV      | 1600787        | 2591250       | 42.11%          | 2.504%        |
| 9         | 8.487       | 911           | 918         | 925          | rVV      | 1139948        | 1844532       | 29.98%          | 1.782%        |
| 10        | 8.605       | 932           | 938         | 943          | rVV2     | 47173          | 82502         | 1.34%           | 0.080%        |
| 11        | 8.934       | 987           | 994         | 1002         | rVV      | 1000858        | 1620908       | 26.34%          | 1.566%        |
| 12        | 9.010       | 1002          | 1007        | 1011         | rVB      | 56958          | 83432         | 1.36%           | 0.081%        |
| 13        | 9.652       | 1106          | 1116        | 1123         | rBV      | 797755         | 1332556       | 21.66%          | 1.287%        |
| 14        | 10.187      | 1198          | 1207        | 1217         | rVB      | 1210344        | 1996378       | 32.45%          | 1.929%        |
| 15        | 10.352      | 1229          | 1235        | 1244         | rBV      | 267009         | 442056        | 7.18%           | 0.427%        |
| 16        | 10.563      | 1262          | 1271        | 1277         | rBV      | 2253772        | 3763288       | 61.16%          | 3.636%        |
| 17        | 10.704      | 1286          | 1295        | 1308         | rBV      | 1019389        | 1786323       | 29.03%          | 1.726%        |
| 18        | 11.604      | 1442          | 1448        | 1453         | rBV      | 72987          | 122418        | 1.99%           | 0.118%        |
| 19        | 11.999      | 1510          | 1515        | 1521         | rVV      | 108460         | 167371        | 2.72%           | 0.162%        |
| 20        | 12.151      | 1533          | 1541        | 1546         | rVV3     | 31283          | 67549         | 1.10%           | 0.065%        |
| 21        | 12.228      | 1546          | 1554        | 1559         | rVV      | 92555          | 155842        | 2.53%           | 0.151%        |
| 22        | 12.446      | 1586          | 1591        | 1597         | rVV      | 55855          | 86211         | 1.40%           | 0.083%        |
| 23        | 12.957      | 1674          | 1678        | 1683         | rVV2     | 45898          | 66233         | 1.08%           | 0.064%        |
| 24        | 13.245      | 1715          | 1727        | 1733         | rVV2     | 179356         | 254117        | 4.13%           | 0.246%        |
| 25        | 13.322      | 1733          | 1740        | 1750         | rBV      | 96238          | 191412        | 3.11%           | 0.185%        |
| 26        | 13.728      | 1805          | 1809        | 1814         | rVV      | 78175          | 129584        | 2.11%           | 0.125%        |
| 27        | 13.781      | 1814          | 1818        | 1821         | rVV      | 71267          | 105047        | 1.71%           | 0.101%        |
| 28        | 13.828      | 1821          | 1826        | 1833         | rVV      | 2132126        | 2872602       | 46.69%          | 2.775%        |
| 29        | 13.904      | 1835          | 1839        | 1843         | rVV3     | 60739          | 91983         | 1.49%           | 0.089%        |
| 30        | 13.963      | 1843          | 1849        | 1853         | rVV3     | 46341          | 99356         | 1.61%           | 0.096%        |
| 31        | 14.098      | 1865          | 1872        | 1885         | rVB      | 2346492        | 3537110       | 57.49%          | 3.417%        |
| 32        | 14.322      | 1906          | 1910        | 1915         | rVB      | 180039         | 222077        | 3.61%           | 0.215%        |
| 33        | 14.410      | 1915          | 1925        | 1931         | rBV      | 3130471        | 4632792       | 75.29%          | 4.476%        |
| 34        | 14.610      | 1951          | 1959        | 1970         | rBV      | 939925         | 1400233       | 22.76%          | 1.353%        |
| 35        | 14.810      | 1989          | 1993        | 2001         | rVB4     | 83334          | 154090        | 2.50%           | 0.149%        |
| 36        | 14.945      | 2009          | 2016        | 2023         | rVB5     | 34194          | 71072         | 1.16%           | 0.069%        |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0080

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\_P\METHODS\SFAM-EPA-BP072421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.034 | 2025 | 2031 | 2035 | rBV2 | 40334   | 79472   | 1.29%  | 0.077% |
| 38 | 15.081 | 2035 | 2039 | 2043 | rVB  | 63315   | 86121   | 1.40%  | 0.083% |
| 39 | 15.204 | 2054 | 2060 | 2062 | rBV2 | 44240   | 72546   | 1.18%  | 0.070% |
| 40 | 15.275 | 2068 | 2072 | 2077 | rVB  | 183249  | 232959  | 3.79%  | 0.225% |
| 41 | 15.404 | 2087 | 2094 | 2100 | rVV  | 2992501 | 4209408 | 68.41% | 4.067% |
| 42 | 15.522 | 2107 | 2114 | 2121 | rBV  | 781628  | 1087224 | 17.67% | 1.050% |
| 43 | 15.681 | 2137 | 2141 | 2146 | rVB2 | 39832   | 68160   | 1.11%  | 0.066% |
| 44 | 15.751 | 2146 | 2153 | 2164 | rVB4 | 58818   | 126020  | 2.05%  | 0.122% |
| 45 | 15.898 | 2174 | 2178 | 2187 | rVB4 | 51933   | 118350  | 1.92%  | 0.114% |
| 46 | 15.992 | 2187 | 2194 | 2199 | rVB3 | 40170   | 86581   | 1.41%  | 0.084% |
| 47 | 16.145 | 2215 | 2220 | 2228 | rVV  | 239343  | 385882  | 6.27%  | 0.373% |
| 48 | 16.475 | 2265 | 2276 | 2279 | rBV6 | 38368   | 120958  | 1.97%  | 0.117% |
| 49 | 16.816 | 2330 | 2334 | 2341 | rVB3 | 88608   | 153548  | 2.50%  | 0.148% |
| 50 | 16.892 | 2342 | 2347 | 2351 | rVV2 | 64709   | 115326  | 1.87%  | 0.111% |
| 51 | 16.939 | 2351 | 2355 | 2359 | rVV2 | 244933  | 328449  | 5.34%  | 0.317% |
| 52 | 16.986 | 2359 | 2363 | 2375 | rVB3 | 59169   | 120893  | 1.96%  | 0.117% |
| 53 | 17.163 | 2386 | 2393 | 2398 | rBV  | 3573966 | 5214719 | 84.75% | 5.038% |
| 54 | 17.204 | 2398 | 2400 | 2404 | rVV  | 542065  | 630865  | 10.25% | 0.610% |
| 55 | 17.263 | 2404 | 2410 | 2422 | rVB  | 3074324 | 4326673 | 70.32% | 4.180% |
| 56 | 17.351 | 2422 | 2425 | 2431 | rBV4 | 43149   | 78097   | 1.27%  | 0.075% |
| 57 | 17.481 | 2443 | 2447 | 2453 | rVB  | 82162   | 117401  | 1.91%  | 0.113% |
| 58 | 17.575 | 2459 | 2463 | 2466 | rVV  | 52671   | 78478   | 1.28%  | 0.076% |
| 59 | 17.686 | 2477 | 2482 | 2488 | rVV2 | 217634  | 322393  | 5.24%  | 0.311% |
| 60 | 17.745 | 2489 | 2492 | 2496 | rVB2 | 69165   | 91611   | 1.49%  | 0.089% |
| 61 | 17.851 | 2506 | 2510 | 2514 | rBV2 | 105579  | 152133  | 2.47%  | 0.147% |
| 62 | 18.033 | 2537 | 2541 | 2544 | rVV2 | 174781  | 240500  | 3.91%  | 0.232% |
| 63 | 18.075 | 2544 | 2548 | 2557 | rVB2 | 532812  | 840203  | 13.66% | 0.812% |
| 64 | 18.216 | 2567 | 2572 | 2576 | rBV2 | 222318  | 322255  | 5.24%  | 0.311% |
| 65 | 18.257 | 2576 | 2579 | 2585 | rVB  | 165960  | 218435  | 3.55%  | 0.211% |
| 66 | 18.357 | 2591 | 2596 | 2602 | rBV  | 236584  | 351132  | 5.71%  | 0.339% |
| 67 | 18.522 | 2620 | 2624 | 2628 | rBV  | 179776  | 226907  | 3.69%  | 0.219% |
| 68 | 18.563 | 2628 | 2631 | 2638 | rVB4 | 87226   | 130984  | 2.13%  | 0.127% |
| 69 | 18.757 | 2661 | 2664 | 2669 | rVB2 | 126680  | 169966  | 2.76%  | 0.164% |
| 70 | 18.810 | 2670 | 2673 | 2676 | rVV  | 74152   | 88626   | 1.44%  | 0.086% |
| 71 | 18.845 | 2676 | 2679 | 2682 | rVB2 | 59295   | 77294   | 1.26%  | 0.075% |
| 72 | 18.928 | 2689 | 2693 | 2697 | rVB  | 231893  | 299697  | 4.87%  | 0.290% |
| 73 | 18.969 | 2697 | 2700 | 2702 | rBV2 | 295788  | 366016  | 5.95%  | 0.354% |
| 74 | 19.057 | 2712 | 2715 | 2723 | rVB3 | 107899  | 230801  | 3.75%  | 0.223% |
| 75 | 19.122 | 2723 | 2726 | 2729 | rBV  | 96625   | 124666  | 2.03%  | 0.120% |
| 76 | 19.180 | 2731 | 2736 | 2744 | rVV  | 1068859 | 1428257 | 23.21% | 1.380% |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0080

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\_P\METHODS\SFAM-EPA-BP072421.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 19.245 | 2744 | 2747 | 2751 | rVV  | 91434   | 110655  | 1.80%   | 0.107% |
| 78  | 19.310 | 2754 | 2758 | 2764 | rVB2 | 163770  | 254371  | 4.13%   | 0.246% |
| 79  | 19.504 | 2786 | 2791 | 2794 | rBV  | 3688977 | 5042556 | 81.95%  | 4.872% |
| 80  | 19.533 | 2794 | 2796 | 2804 | rVB  | 1175379 | 1308291 | 21.26%  | 1.264% |
| 81  | 19.851 | 2846 | 2850 | 2858 | rBV6 | 102397  | 225002  | 3.66%   | 0.217% |
| 82  | 20.016 | 2876 | 2878 | 2881 | rVB3 | 130963  | 132290  | 2.15%   | 0.128% |
| 83  | 20.051 | 2881 | 2884 | 2888 | rBV  | 222490  | 254530  | 4.14%   | 0.246% |
| 84  | 20.539 | 2964 | 2967 | 2971 | rBV  | 295451  | 312955  | 5.09%   | 0.302% |
| 85  | 20.751 | 3000 | 3003 | 3009 | rVB  | 215300  | 297514  | 4.84%   | 0.287% |
| 86  | 20.992 | 3040 | 3044 | 3049 | rBV2 | 984381  | 1232554 | 20.03%  | 1.191% |
| 87  | 21.263 | 3083 | 3090 | 3094 | rBV  | 4432763 | 6153046 | 100.00% | 5.945% |
| 88  | 21.298 | 3094 | 3096 | 3103 | rVB  | 590633  | 688684  | 11.19%  | 0.665% |
| 89  | 21.427 | 3114 | 3118 | 3124 | rBV  | 1446705 | 1698429 | 27.60%  | 1.641% |
| 90  | 21.886 | 3191 | 3196 | 3202 | rBV  | 2169089 | 2846162 | 46.26%  | 2.750% |
| 91  | 21.963 | 3206 | 3209 | 3215 | rVB  | 362986  | 509770  | 8.28%   | 0.493% |
| 92  | 22.374 | 3274 | 3279 | 3290 | rBV2 | 2089357 | 3287726 | 53.43%  | 3.176% |
| 93  | 22.604 | 3315 | 3318 | 3327 | rVB  | 321669  | 553441  | 8.99%   | 0.535% |
| 94  | 22.921 | 3368 | 3372 | 3379 | rVB  | 2257024 | 3324418 | 54.03%  | 3.212% |
| 95  | 23.368 | 3444 | 3448 | 3457 | rBV2 | 522417  | 1034057 | 16.81%  | 0.999% |
| 96  | 23.457 | 3457 | 3463 | 3469 | rVV2 | 1903511 | 3683678 | 59.87%  | 3.559% |
| 97  | 23.539 | 3472 | 3477 | 3482 | rVV  | 1351612 | 2418199 | 39.30%  | 2.336% |
| 98  | 23.610 | 3483 | 3489 | 3497 | rVB2 | 2281092 | 4454281 | 72.39%  | 4.304% |
| 99  | 24.251 | 3592 | 3598 | 3606 | rVB  | 1142933 | 2413421 | 39.22%  | 2.332% |
| 100 | 25.080 | 3734 | 3739 | 3751 | rVB  | 664446  | 1573286 | 25.57%  | 1.520% |

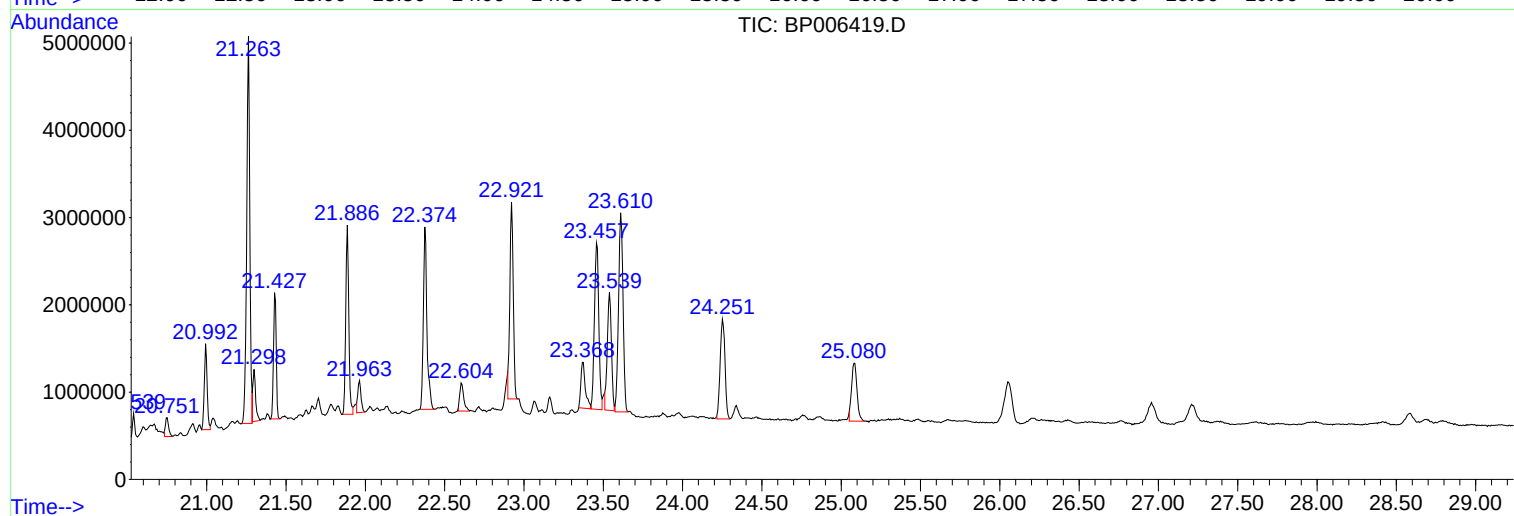
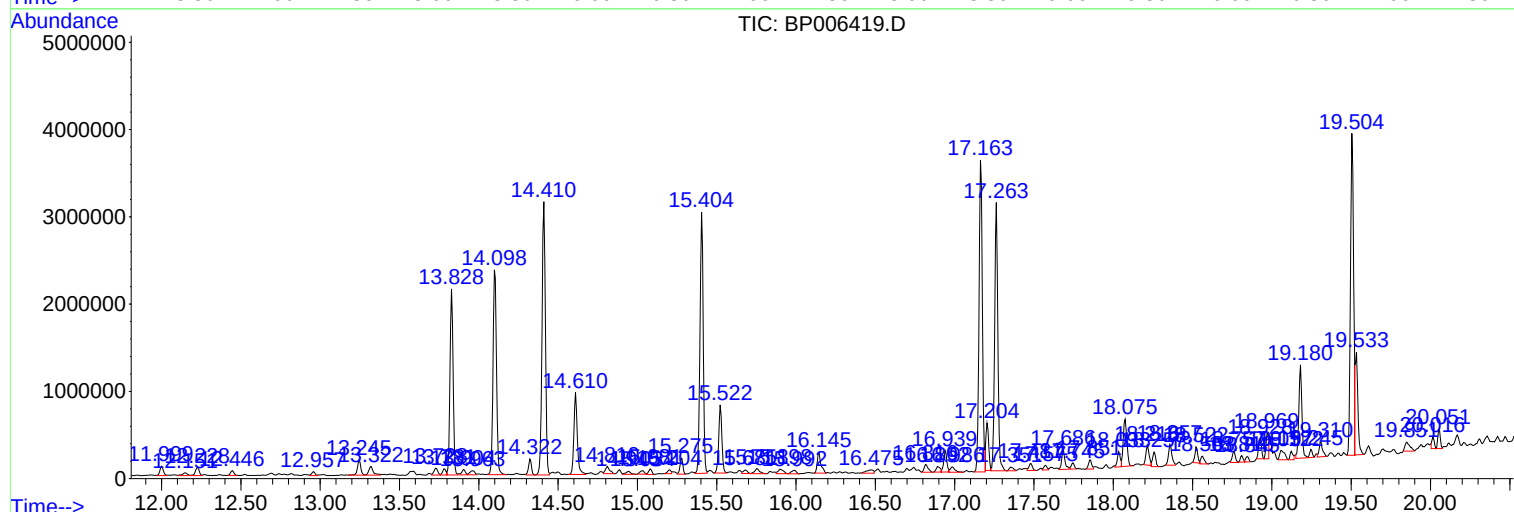
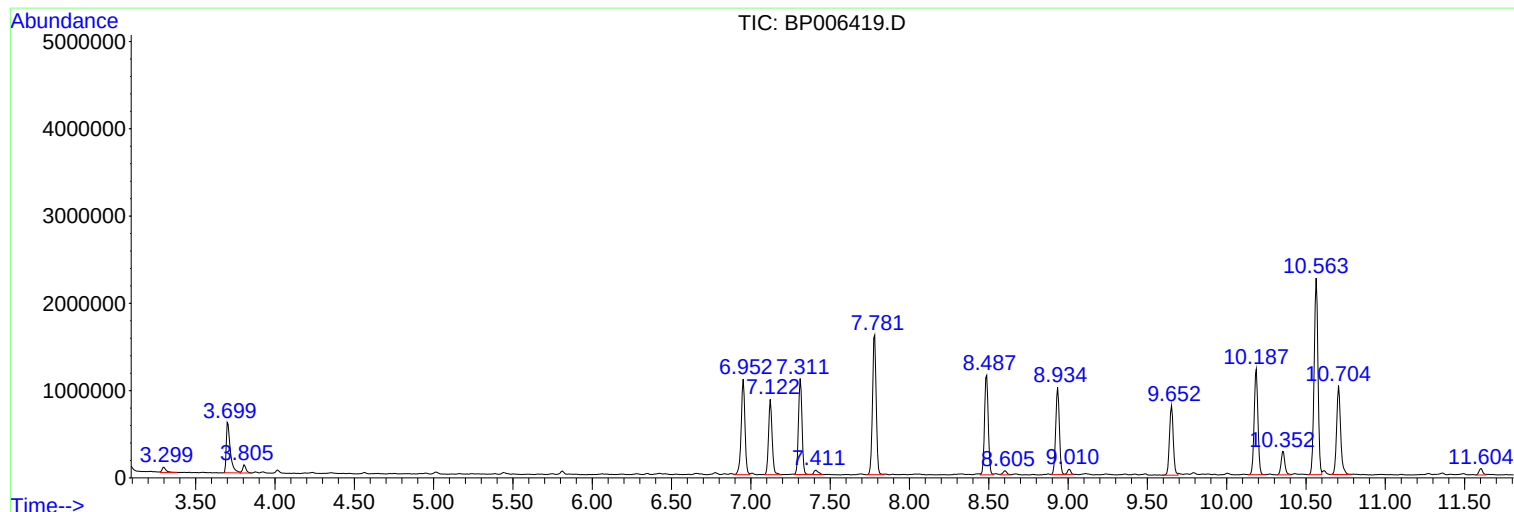
Sum of corrected areas: 103501653

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Instrument :  
BNA\_P  
ClientSampled :  
C0080

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
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ClientSampleId :  
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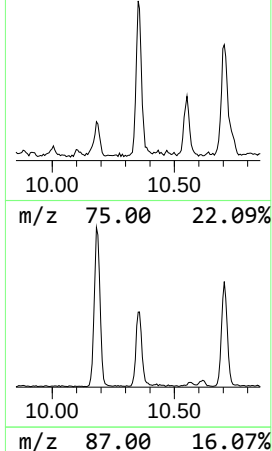
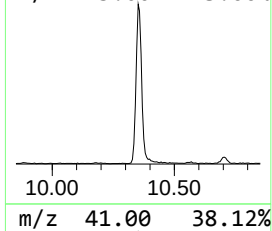
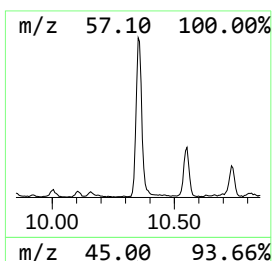
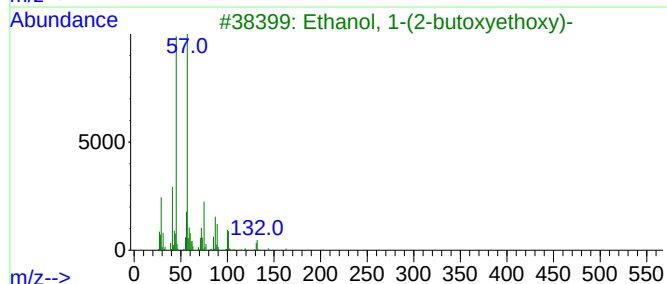
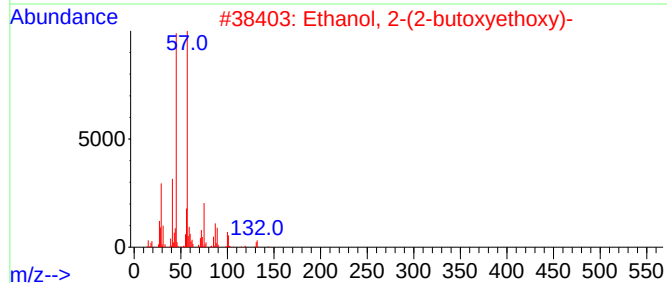
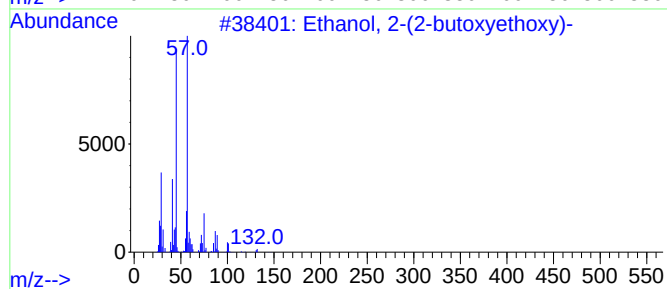
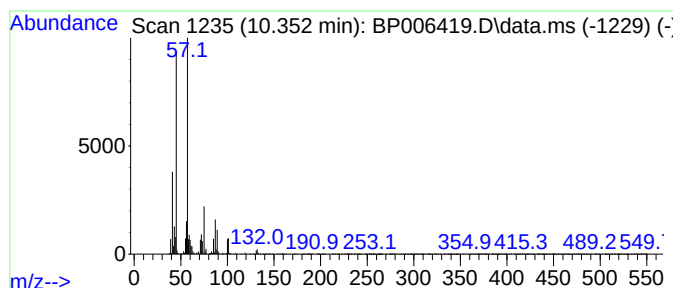
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.350 | 2.35 ng/ul | 442056 | Naphthalene-d8   | 10.563 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83   |



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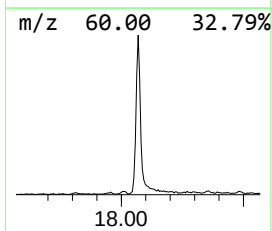
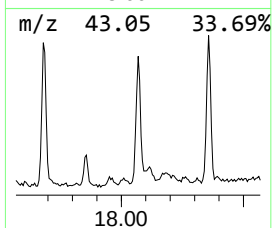
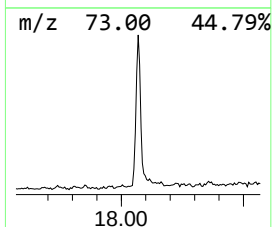
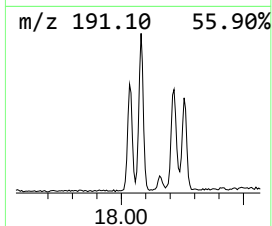
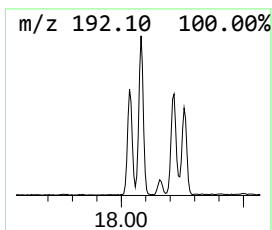
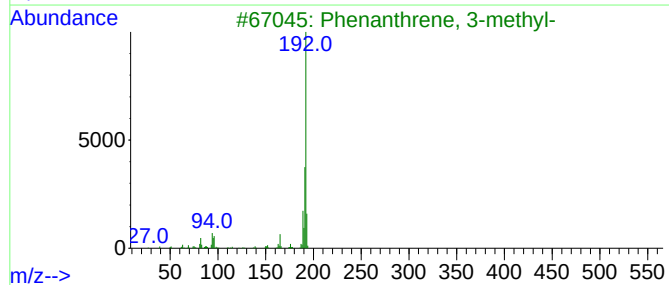
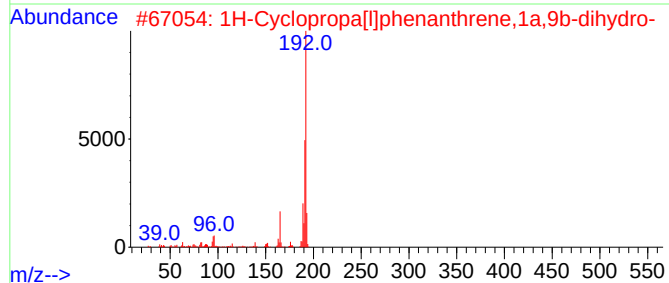
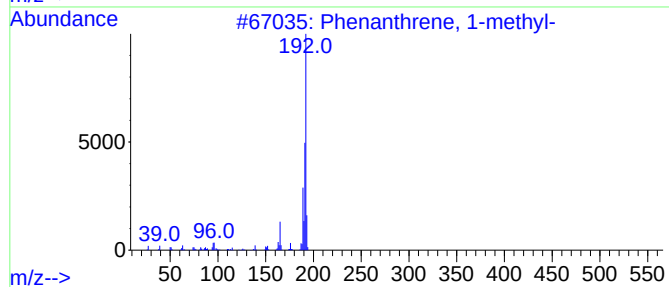
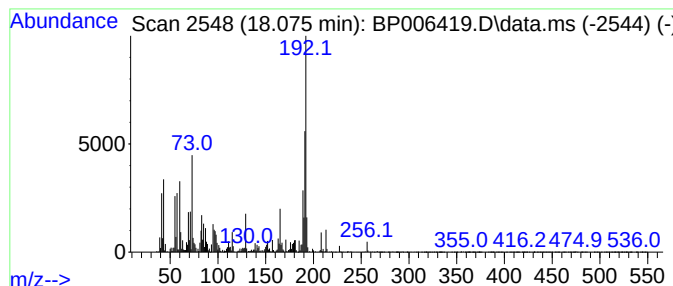
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.070 | 3.22 ng/ul | 840203 | Phenanthrene-d10 | 17.163 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 97   |
| 2    |      | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 96   |
| 3    |      | Phenanthrene, 3-methyl-             | 192 | C15H12  | 000832-71-3 | 95   |
| 4    |      | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |      | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 93   |



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Data File : BP006419.D  
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Operator : CG/JU  
Sample : M3123-19  
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ALS Vial : 11 Sample Multiplier: 1

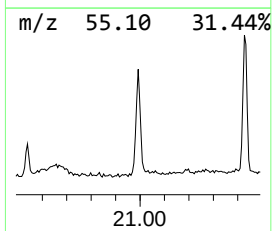
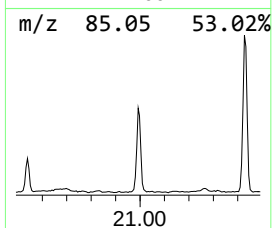
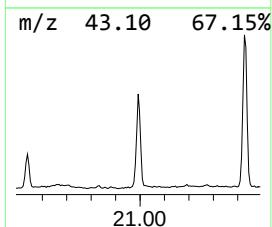
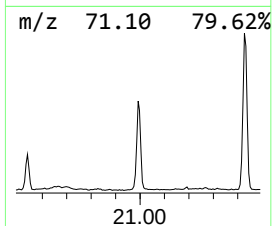
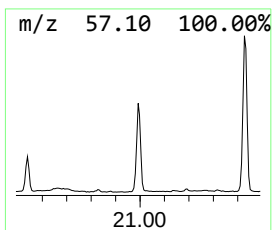
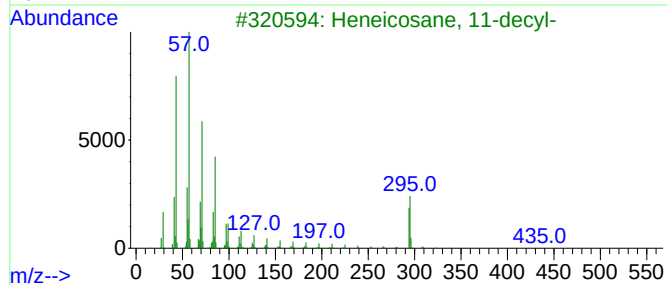
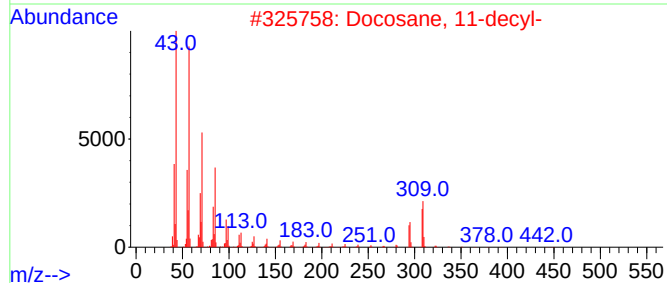
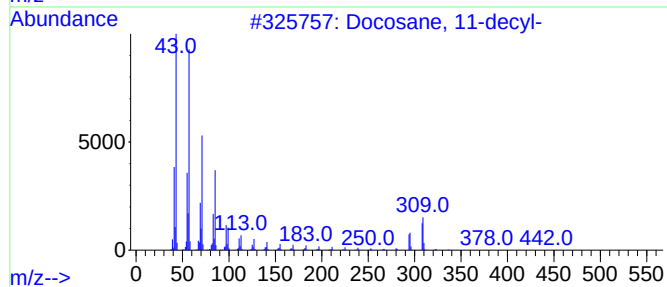
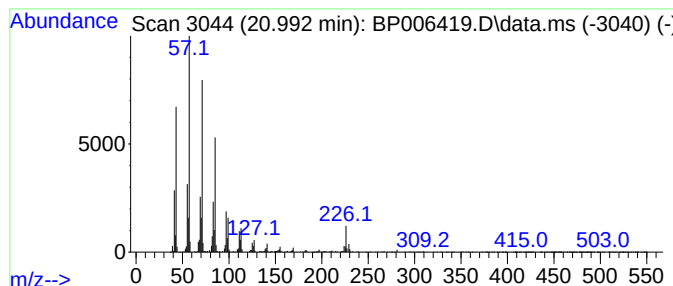
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 20.990    | 4.01 ng/ul                          | 1232550 | Chrysene-d12     | 21.263       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Docosane, 11-decyl-                 | 451     | C32H66           | 055401-55-3  | 94   |
| 2         | Docosane, 11-decyl-                 | 451     | C32H66           | 055401-55-3  | 94   |
| 3         | Heneicosane, 11-decyl-              | 437     | C31H64           | 055320-06-4  | 94   |
| 4         | Dotriacontane                       | 451     | C32H66           | 000544-85-4  | 93   |
| 5         | Sulfurous acid, dodecyl 2-propyl... | 292     | C15H32O3S        | 1000309-12-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
Data File : BP006419.D  
Acq On : 29 Jul 2021 14:17  
Operator : CG/JU  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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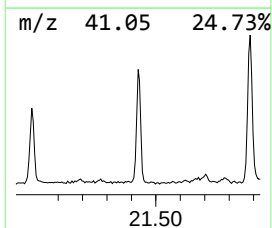
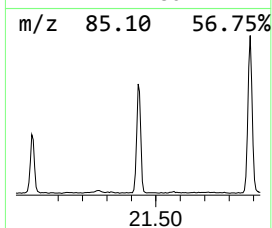
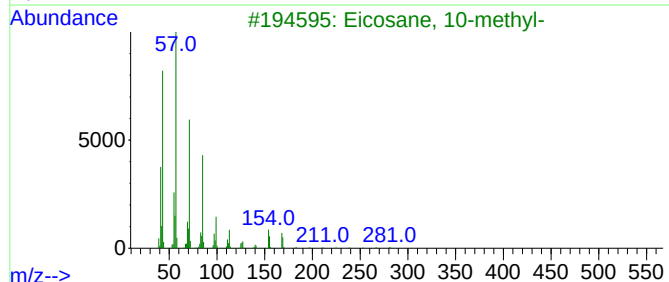
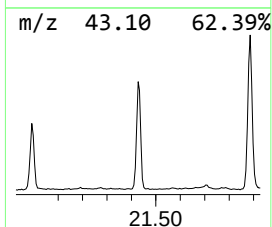
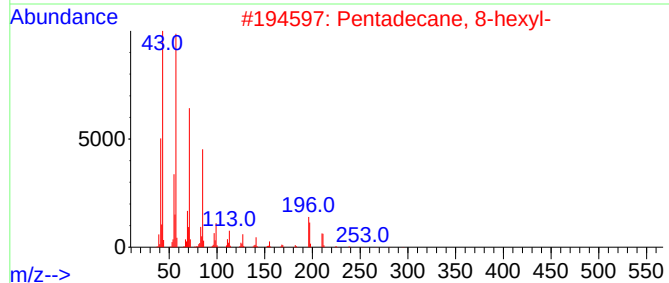
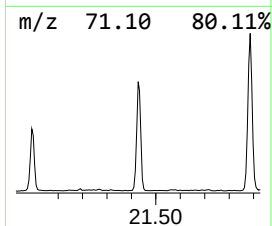
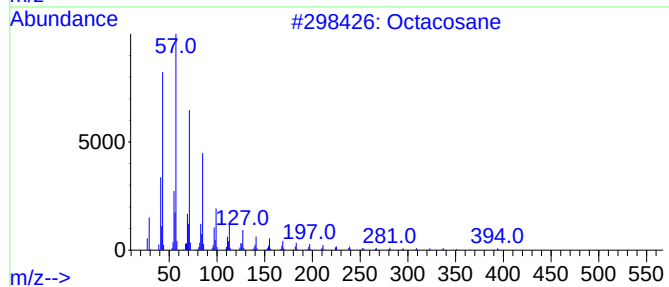
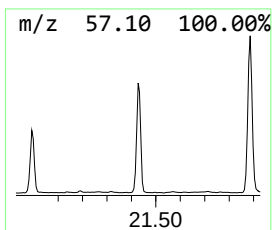
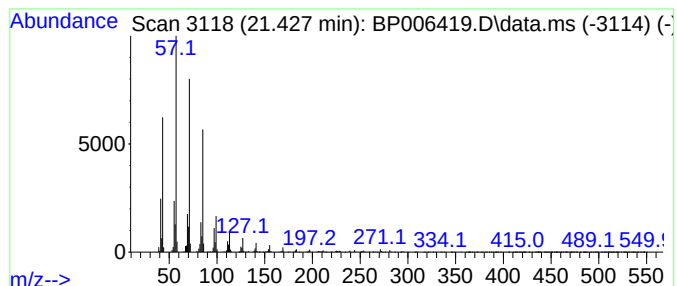
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.      | EstConc               | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|---------|------------------|---------|-------------|------|
| 21.430    | 5.52 ng/ul            | 1698430 | Chrysene-d12     |         | 21.263      |      |
| Hit# of 5 | Tentative ID          |         | MW               | MolForm | CAS#        | Qual |
| 1         | Octacosane            |         | 394              | C28H58  | 000630-02-4 | 97   |
| 2         | Pentadecane, 8-hexyl- |         | 296              | C21H44  | 013475-75-7 | 93   |
| 3         | Eicosane, 10-methyl-  |         | 296              | C21H44  | 054833-23-7 | 93   |
| 4         | Heneicosane           |         | 296              | C21H44  | 000629-94-7 | 91   |
| 5         | Triacontane           |         | 422              | C30H62  | 000638-68-6 | 90   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
Data File : BP006419.D  
Acq On : 29 Jul 2021 14:17  
Operator : CG/JU  
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ClientSampleId :  
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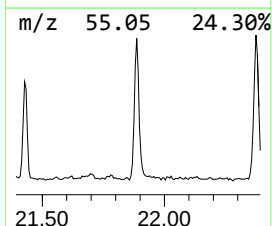
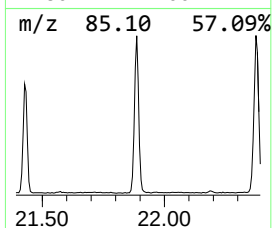
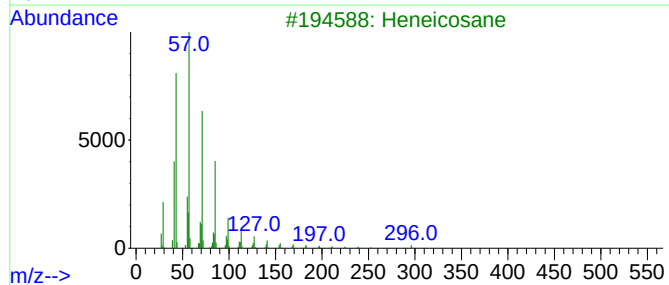
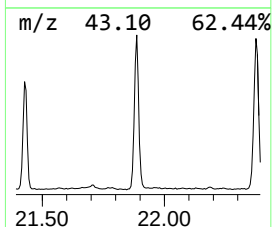
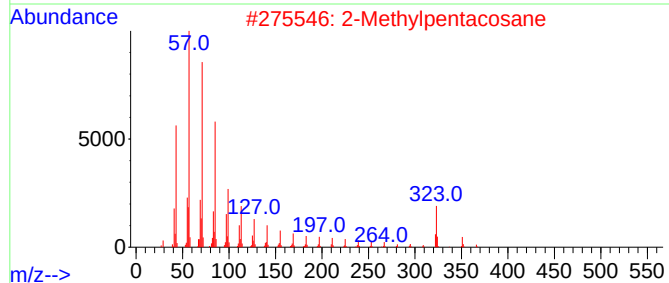
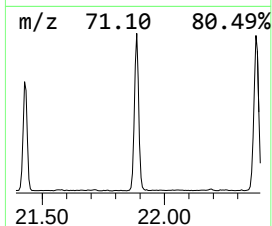
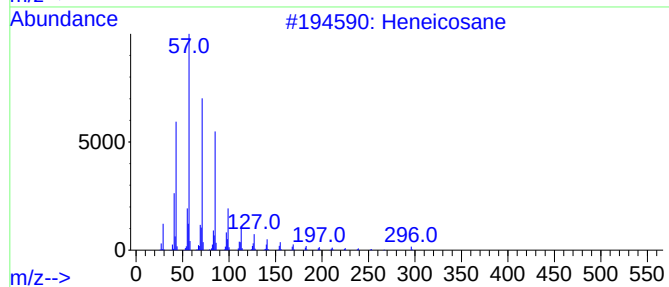
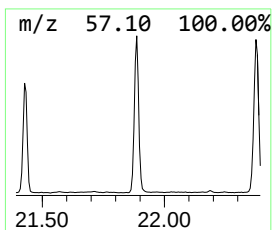
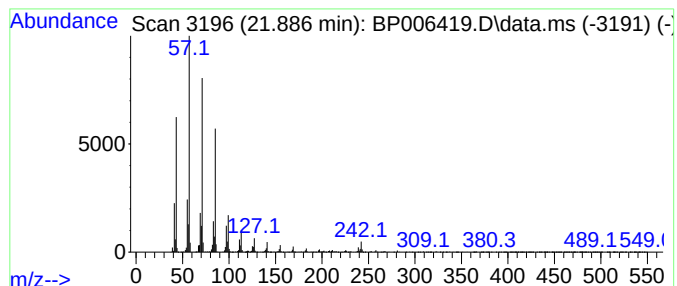
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.      | EstConc                | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------|---------|------------------|--------------|------|
| 21.890    | 9.25 ng/ul             | 2846160 | Chrysene-d12     | 21.263       |      |
| Hit# of 5 | Tentative ID           | MW      | MolForm          | CAS#         | Qual |
| 1         | Heneicosane            | 296     | C21H44           | 000629-94-7  | 91   |
| 2         | 2-Methylpentacosane    | 366     | C26H54           | 000629-87-8  | 91   |
| 3         | Heneicosane            | 296     | C21H44           | 000629-94-7  | 91   |
| 4         | Dotriacontane, 1-iodo- | 576     | C32H65I          | 1000406-32-4 | 91   |
| 5         | Heptacosane            | 380     | C27H56           | 000593-49-7  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
Data File : BP006419.D  
Acq On : 29 Jul 2021 14:17  
Operator : CG/JU  
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :  
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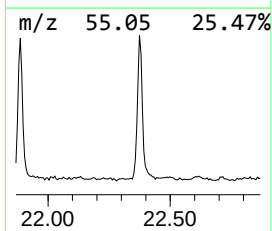
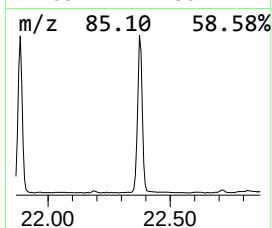
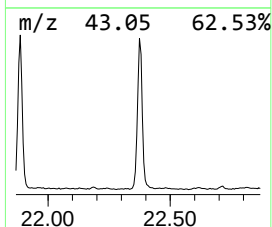
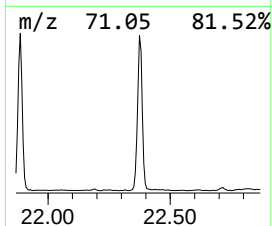
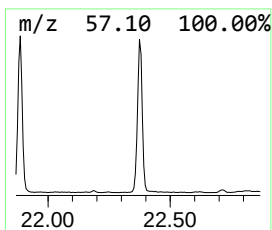
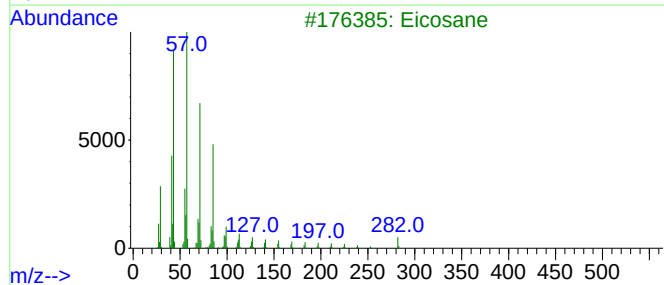
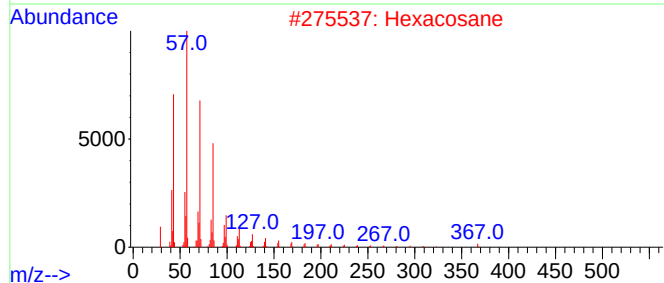
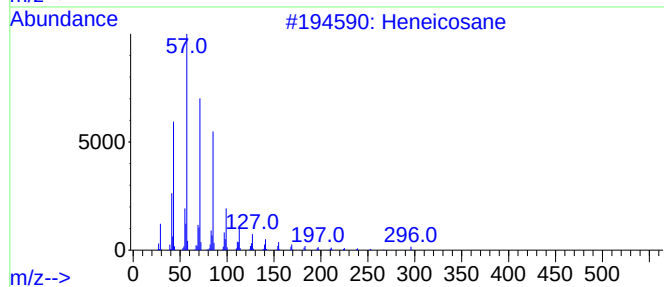
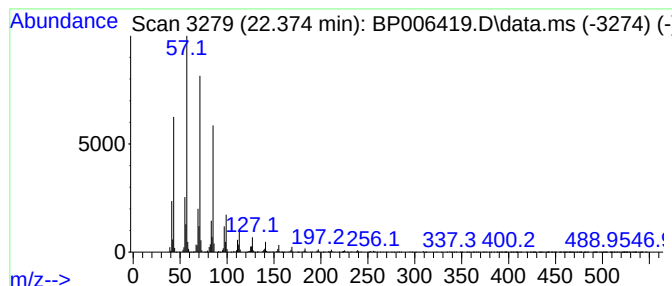
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.370 | 10.69 ng/ul | 3287730 | Chrysene-d12     | 21.263 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Heneicosane                | 296 | C21H44   | 000629-94-7 | 91   |
| 2    |    |   | Hexacosane                 | 366 | C26H54   | 000630-01-3 | 91   |
| 3    |    |   | Eicosane                   | 282 | C20H42   | 000112-95-8 | 91   |
| 4    |    |   | Disulfide, di-tert-dodecyl | 402 | C24H50S2 | 027458-90-8 | 87   |
| 5    |    |   | Heptacosane                | 380 | C27H56   | 000593-49-7 | 87   |



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Operator : CG/JU  
Sample : M3123-19  
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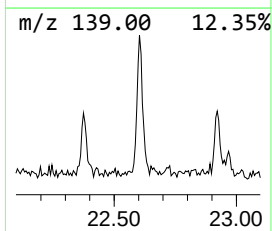
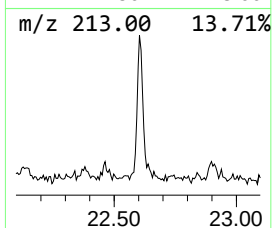
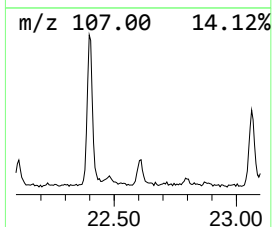
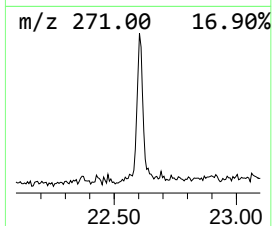
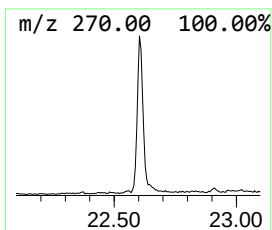
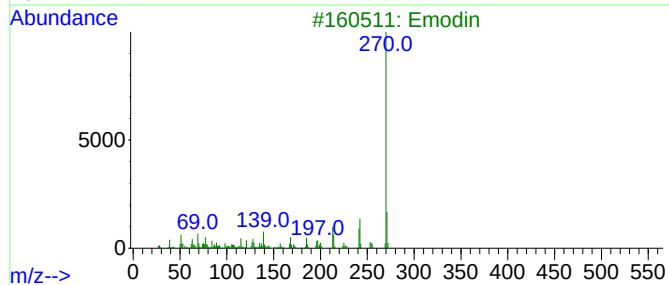
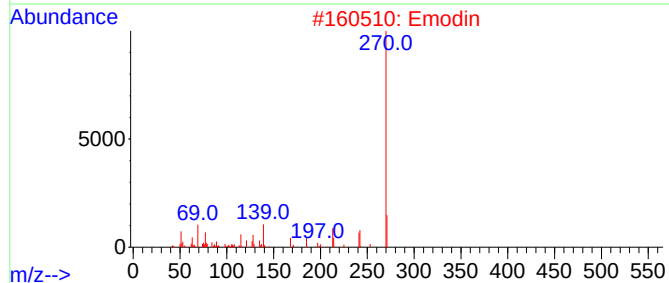
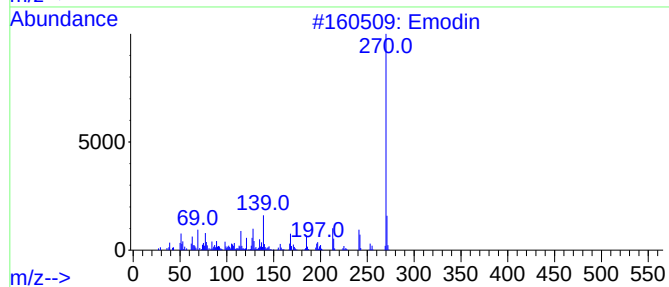
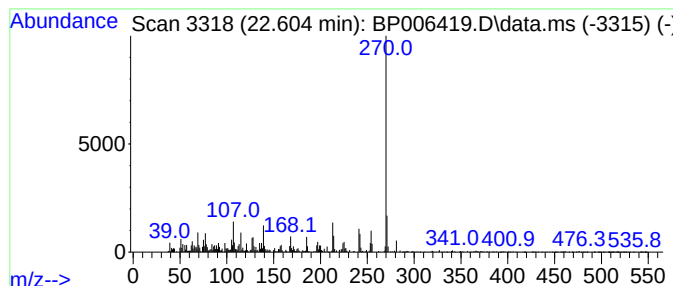
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Peak Number 7 Emodin Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.600 | 2.48 ng/ul | 553441 | Perylene-d12     | 23.610 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|----------|-------------|------|
| 1    | Emodin                              |   |              | 270 | C15H10O5 | 000518-82-1 | 97   |
| 2    | Emodin                              |   |              | 270 | C15H10O5 | 000518-82-1 | 95   |
| 3    | Emodin                              |   |              | 270 | C15H10O5 | 000518-82-1 | 94   |
| 4    | Emodin                              |   |              | 270 | C15H10O5 | 000518-82-1 | 89   |
| 5    | 9,10-Anthracenedione, 1,4,5-trih... |   |              | 270 | C15H10O5 | 000476-56-2 | 74   |



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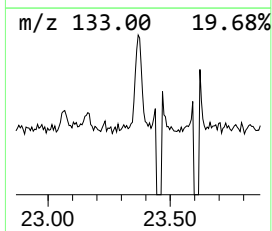
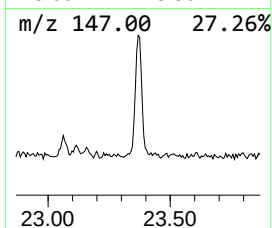
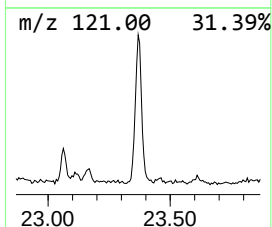
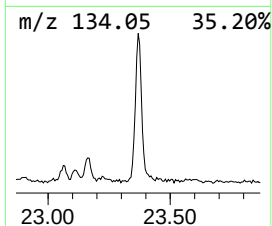
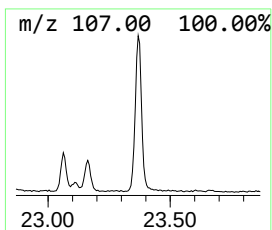
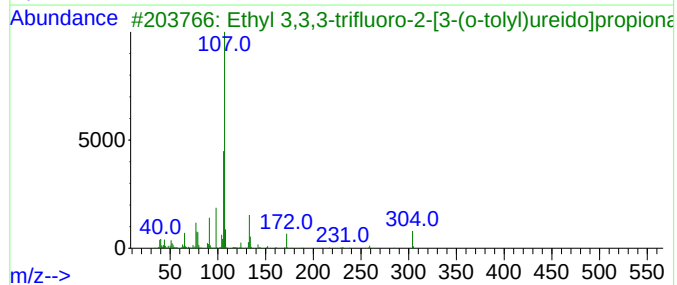
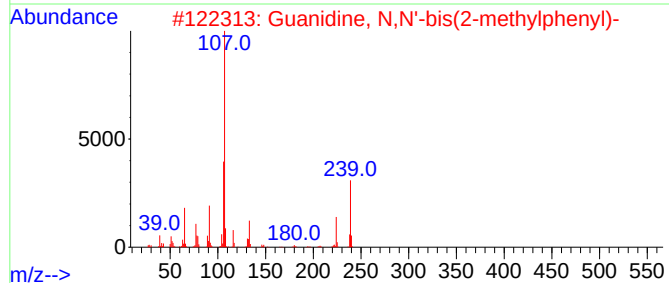
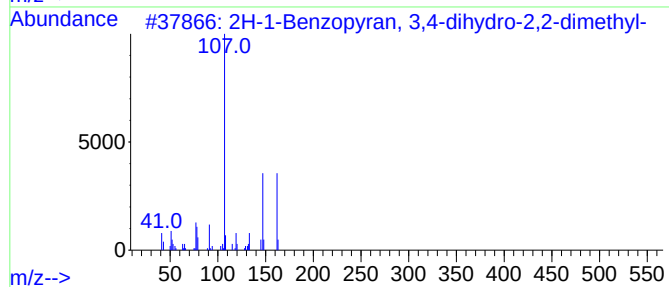
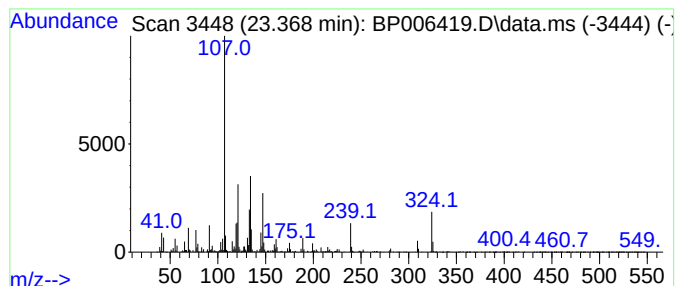
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 unknown-01 Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 23.370 | 4.64 ng/ul | 1034060 | Perylene-d12     | 23.610 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2H-1-Benzopyran, 3,4-dihydro-2,2... | 162 | C11H14O      | 001198-96-5  | 43      |      |      |
| 2    | Guanidine, N,N'-bis(2-methylphen... | 239 | C15H17N3     | 000097-39-2  | 38      |      |      |
| 3    | Ethyl 3,3,3-trifluoro-2-[3-(o-to... | 304 | C13H15F3N2O3 | 1000225-32-6 | 38      |      |      |
| 4    | Guanidine, N,N'-bis(2-methylphen... | 239 | C15H17N3     | 000097-39-2  | 37      |      |      |
| 5    | Ethanol, 2-(3,3-dimethylbicyclo[... | 166 | C11H18O      | 002226-05-3  | 35      |      |      |



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Data File : BP006419.D  
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ALS Vial : 11 Sample Multiplier: 1

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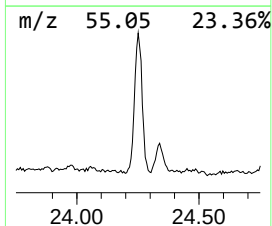
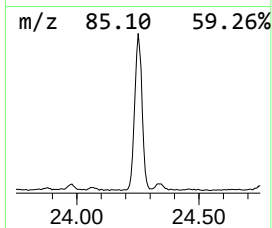
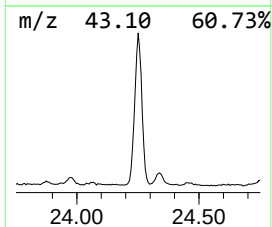
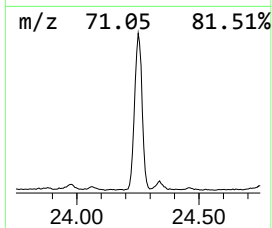
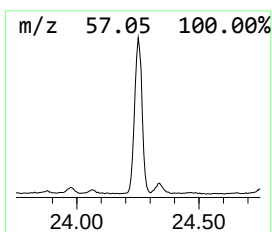
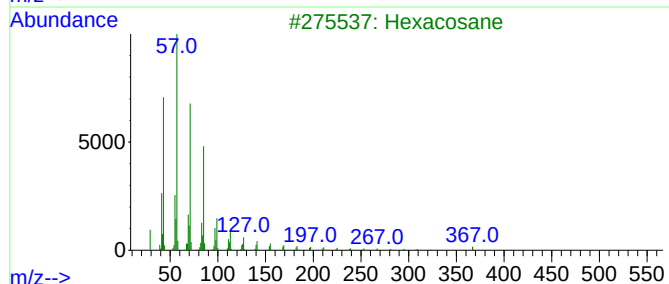
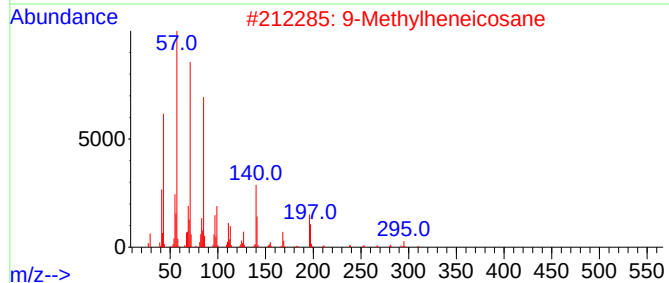
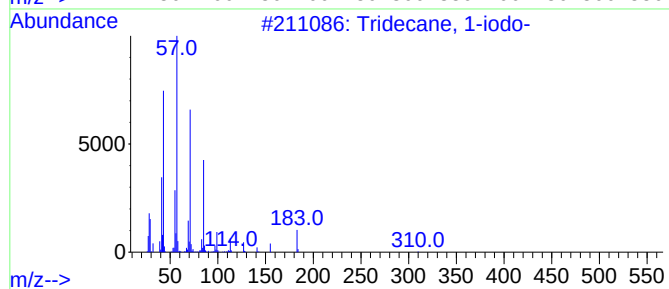
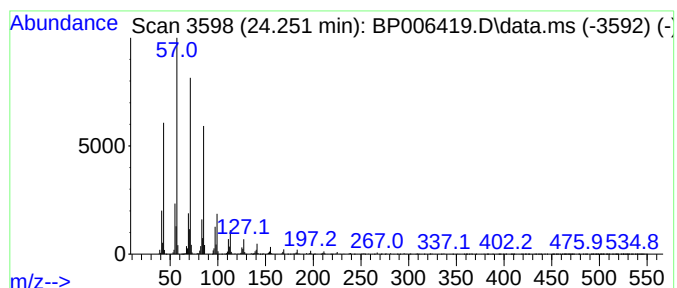
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Tridecane, 1-iodo- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.250 | 10.84 ng/ul | 2413420 | Perylene-d12     | 23.610 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 93   |
| 2    |    |   | 9-Methylheneicosane   | 310 | C22H46  | 070475-51-3 | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
Data File : BP006419.D  
Acq On : 29 Jul 2021 14:17  
Operator : CG/JU  
Sample : M3123-19  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0080

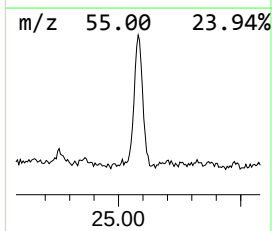
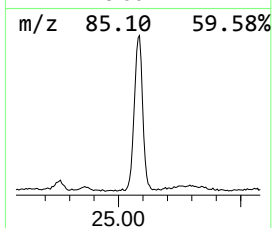
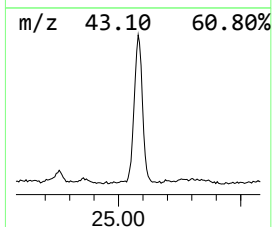
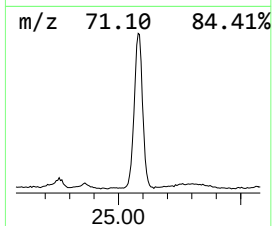
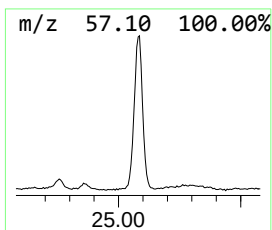
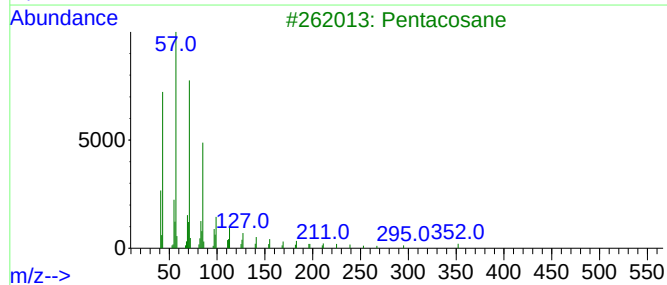
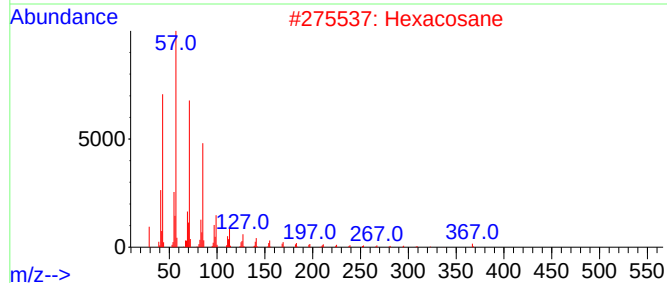
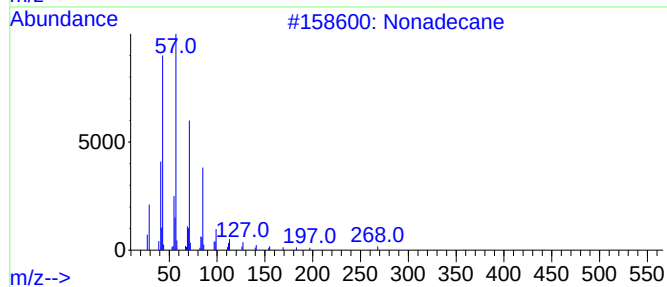
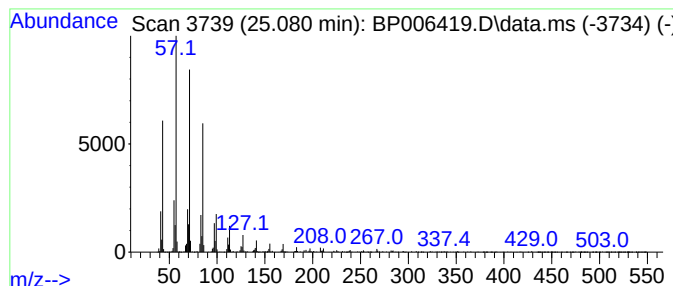
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 25.080 | 7.06 ng/ul | 1573290 | Perylene-d12     | 23.610 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane             | 268 | C19H40  | 000629-92-5 | 95   |
| 2    |      | Hexacosane             | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |      | Pentacosane            | 352 | C25H52  | 000629-99-2 | 91   |
| 4    |      | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |      | 2-Methylhentriacontane | 451 | C32H66  | 001720-12-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072921\  
 Data File : BP006419.D  
 Acq On : 29 Jul 2021 14:17  
 Operator : CG/JU  
 Sample : M3123-19  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0080

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 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 |
| Ethanol, 2-(2-b... | 10.350 | 2.4     | ng/ul | 442056   | 2                     | 10.563 | 3763290 | 20.0 |
| Phenanthrene, 1... | 18.070 | 3.2     | ng/ul | 840203   | 4                     | 17.163 | 5214720 | 20.0 |
| (DEL) Alkane: S... | 20.990 | 4.0     | ng/ul | 1232550  | 5                     | 21.263 | 6153050 | 20.0 |
| (DEL) Alkane: S... | 21.430 | 5.5     | ng/ul | 1698430  | 5                     | 21.263 | 6153050 | 20.0 |
| (DEL) Alkane: S... | 21.890 | 9.3     | ng/ul | 2846160  | 5                     | 21.263 | 6153050 | 20.0 |
| (DEL) Alkane: S... | 22.370 | 10.7    | ng/ul | 3287730  | 5                     | 21.263 | 6153050 | 20.0 |
| Emodin             | 22.600 | 2.5     | ng/ul | 553441   | 6                     | 23.610 | 4454280 | 20.0 |
| unknown-01         | 23.370 | 4.6     | ng/ul | 1034060  | 6                     | 23.610 | 4454280 | 20.0 |
| Tridecane, 1-iodo- | 24.250 | 10.8    | ng/ul | 2413420  | 6                     | 23.610 | 4454280 | 20.0 |
| (DEL) Alkane: S... | 25.080 | 7.1     | ng/ul | 1573290  | 6                     | 23.610 | 4454280 | 20.0 |