

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031822\  
 Data File : BG052705.D  
 Acq On : 18 Mar 2022 11:50  
 Operator : CG/JU  
 Sample : N1882-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBRX6

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-BG031822.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG052705.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         | 3.449       | 8             | 10          | 15           | rVB4     | 4672           | 5924          | 0.49%           | 0.049%        |
| 2         | 3.567       | 26            | 30          | 38           | rVB4     | 12837          | 24407         | 2.01%           | 0.201%        |
| 3         | 3.626       | 38            | 40          | 43           | rVB3     | 3315           | 2710          | 0.22%           | 0.022%        |
| 4         | 3.655       | 43            | 45          | 48           | rVB4     | 3124           | 3501          | 0.29%           | 0.029%        |
| 5         | 3.696       | 48            | 52          | 53           | rBV4     | 2232           | 3252          | 0.27%           | 0.027%        |
| 6         | 3.784       | 64            | 67          | 71           | rBV4     | 2098           | 3021          | 0.25%           | 0.025%        |
| 7         | 3.925       | 89            | 91          | 94           | rVB2     | 2734           | 1598          | 0.13%           | 0.013%        |
| 8         | 3.984       | 97            | 101         | 117          | rVB      | 109751         | 206130        | 17.02%          | 1.700%        |
| 9         | 4.166       | 130           | 132         | 135          | rBV2     | 1946           | 2125          | 0.18%           | 0.018%        |
| 10        | 4.307       | 154           | 156         | 157          | rBV2     | 3215           | 1745          | 0.14%           | 0.014%        |
| 11        | 4.319       | 157           | 158         | 160          | rBV2     | 2526           | 1600          | 0.13%           | 0.013%        |
| 12        | 4.542       | 193           | 196         | 199          | rBV3     | 2034           | 2256          | 0.19%           | 0.019%        |
| 13        | 4.677       | 217           | 219         | 223          | rVV4     | 2861           | 3189          | 0.26%           | 0.026%        |
| 14        | 4.712       | 223           | 225         | 227          | rVB2     | 2278           | 1579          | 0.13%           | 0.013%        |
| 15        | 4.748       | 227           | 231         | 234          | rVB3     | 1988           | 2650          | 0.22%           | 0.022%        |
| 16        | 4.783       | 234           | 237         | 241          | rBV4     | 1853           | 2659          | 0.22%           | 0.022%        |
| 17        | 5.159       | 297           | 301         | 304          | rVB4     | 1740           | 2302          | 0.19%           | 0.019%        |
| 18        | 5.235       | 310           | 314         | 315          | rBV4     | 2837           | 2778          | 0.23%           | 0.023%        |
| 19        | 5.376       | 336           | 338         | 342          | rVB4     | 1598           | 1611          | 0.13%           | 0.013%        |
| 20        | 6.345       | 501           | 503         | 506          | rBV3     | 1576           | 1550          | 0.13%           | 0.013%        |
| 21        | 7.291       | 657           | 664         | 673          | rBV      | 184125         | 324371        | 26.78%          | 2.675%        |
| 22        | 7.467       | 687           | 694         | 702          | rBV      | 133896         | 227327        | 18.77%          | 1.875%        |
| 23        | 7.520       | 702           | 703         | 706          | rVB2     | 1917           | 1787          | 0.15%           | 0.015%        |
| 24        | 7.679       | 723           | 730         | 737          | rBV      | 168742         | 292100        | 24.12%          | 2.409%        |
| 25        | 8.084       | 797           | 799         | 802          | rVV3     | 1436           | 1631          | 0.13%           | 0.013%        |
| 26        | 8.155       | 802           | 811         | 818          | rVV      | 125156         | 226470        | 18.70%          | 1.868%        |
| 27        | 8.208       | 818           | 820         | 823          | rVV2     | 1842           | 2095          | 0.17%           | 0.017%        |
| 28        | 8.842       | 921           | 928         | 936          | rVV      | 217739         | 374011        | 30.88%          | 3.085%        |
| 29        | 9.100       | 968           | 972         | 975          | rVV3     | 1229           | 1496          | 0.12%           | 0.012%        |
| 30        | 9.306       | 999           | 1007        | 1016         | rVV      | 165241         | 293865        | 24.26%          | 2.424%        |
| 31        | 9.476       | 1034          | 1036        | 1041         | rBV3     | 2441           | 2095          | 0.17%           | 0.017%        |
| 32        | 9.758       | 1079          | 1084        | 1086         | rBV2     | 4527           | 5737          | 0.47%           | 0.047%        |
| 33        | 10.034      | 1122          | 1131        | 1139         | rBV      | 121155         | 216113        | 17.84%          | 1.783%        |
| 34        | 10.575      | 1216          | 1223        | 1233         | rVB      | 207638         | 374283        | 30.90%          | 3.087%        |
| 35        | 10.963      | 1279          | 1289        | 1296         | rBV      | 176034         | 323472        | 26.71%          | 2.668%        |
| 36        | 11.086      | 1300          | 1310        | 1321         | rVB      | 195106         | 364676        | 30.11%          | 3.008%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 11.603 | 1396 | 1398 | 1402 | rBV2 | 1590 | 2301 | 0.19% | 0.019% |
| 38 | 12.373 | 1524 | 1529 | 1532 | rBV4 | 2796 | 4136 | 0.34% | 0.034% |
| 39 | 12.543 | 1551 | 1558 | 1561 | rBV4 | 4566 | 7492 | 0.62% | 0.062% |
| 40 | 13.001 | 1632 | 1636 | 1637 | rBV2 | 1877 | 1721 | 0.14% | 0.014% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 13.600 | 1733 | 1738 | 1742 | rBV2 | 7421   | 8991   | 0.74%  | 0.074% |
| 42 | 13.741 | 1759 | 1762 | 1766 | rVB2 | 1202   | 1674   | 0.14%  | 0.014% |
| 43 | 14.164 | 1824 | 1834 | 1841 | rBV  | 384132 | 580854 | 47.95% | 4.791% |
| 44 | 14.464 | 1879 | 1885 | 1892 | rVB  | 446158 | 690442 | 57.00% | 5.695% |
| 45 | 14.664 | 1914 | 1919 | 1921 | rBV3 | 1790   | 2335   | 0.19%  | 0.019% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 14.769 | 1930 | 1937 | 1944 | rBV  | 282777 | 454446 | 37.52% | 3.748% |
| 47 | 14.928 | 1958 | 1964 | 1975 | rVV  | 178159 | 290341 | 23.97% | 2.395% |
| 48 | 15.169 | 2002 | 2005 | 2007 | rVB2 | 1486   | 1709   | 0.14%  | 0.014% |
| 49 | 15.204 | 2007 | 2011 | 2014 | rBV3 | 936    | 1594   | 0.13%  | 0.013% |
| 50 | 15.568 | 2067 | 2073 | 2076 | rBV3 | 1654   | 2764   | 0.23%  | 0.023% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 15.621 | 2079 | 2082 | 2085 | rVV3 | 1185   | 1614   | 0.13%  | 0.013% |
| 52 | 15.756 | 2098 | 2105 | 2113 | rBV  | 551199 | 865662 | 71.47% | 7.140% |
| 53 | 15.856 | 2117 | 2122 | 2128 | rVV  | 128375 | 195027 | 16.10% | 1.609% |
| 54 | 15.897 | 2128 | 2129 | 2134 | rVB2 | 1302   | 1573   | 0.13%  | 0.013% |
| 55 | 15.997 | 2143 | 2146 | 2150 | rVB5 | 3286   | 3785   | 0.31%  | 0.031% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 56 | 16.314 | 2196 | 2200 | 2202 | rBV4 | 1124 | 1457 | 0.12% | 0.012% |
| 57 | 16.396 | 2210 | 2214 | 2215 | rVB2 | 1534 | 1551 | 0.13% | 0.013% |
| 58 | 16.438 | 2219 | 2221 | 2224 | rVV4 | 1878 | 1689 | 0.14% | 0.014% |
| 59 | 16.496 | 2229 | 2231 | 2234 | rBV2 | 1525 | 1591 | 0.13% | 0.013% |
| 60 | 16.637 | 2250 | 2255 | 2256 | rBV2 | 1740 | 2045 | 0.17% | 0.017% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 61 | 16.678 | 2260 | 2262 | 2267 | rBV2 | 1342 | 2191 | 0.18% | 0.018% |
| 62 | 16.931 | 2302 | 2305 | 2309 | rBV3 | 1429 | 2758 | 0.23% | 0.023% |
| 63 | 17.084 | 2328 | 2331 | 2333 | rBV2 | 1524 | 1578 | 0.13% | 0.013% |
| 64 | 17.113 | 2335 | 2336 | 2339 | rBV2 | 1400 | 1641 | 0.14% | 0.014% |
| 65 | 17.242 | 2355 | 2358 | 2360 | rBV3 | 1061 | 1463 | 0.12% | 0.012% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 17.289 | 2364 | 2366 | 2367 | rBV2 | 1835   | 1569   | 0.13%  | 0.013% |
| 67 | 17.413 | 2383 | 2387 | 2388 | rBV2 | 1334   | 1474   | 0.12%  | 0.012% |
| 68 | 17.454 | 2391 | 2394 | 2397 | rBV3 | 1750   | 2072   | 0.17%  | 0.017% |
| 69 | 17.513 | 2397 | 2404 | 2411 | rVV  | 388482 | 593224 | 48.98% | 4.893% |
| 70 | 17.612 | 2414 | 2421 | 2431 | rVV  | 626515 | 975476 | 80.53% | 8.046% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 17.683 | 2431 | 2433 | 2439 | rVB5 | 4074 | 5638 | 0.47% | 0.047% |
| 72 | 17.936 | 2472 | 2476 | 2479 | rVV6 | 1607 | 2298 | 0.19% | 0.019% |
| 73 | 17.983 | 2481 | 2484 | 2485 | rBV3 | 2145 | 1958 | 0.16% | 0.016% |
| 74 | 18.006 | 2485 | 2488 | 2489 | rBV3 | 1721 | 1493 | 0.12% | 0.012% |
| 75 | 18.165 | 2512 | 2515 | 2521 | rBV4 | 2720 | 4207 | 0.35% | 0.035% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 18.241 | 2525 | 2528 | 2529 | rBV2 | 1657 | 1560 | 0.13% | 0.013% |
|----|--------|------|------|------|------|------|------|-------|--------|

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 BNA\_G  
 ClientSampleId :  
 DBRX6

Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 18.265 | 2529 | 2532 | 2535 | rVB5 | 1680   | 2049    | 0.17%   | 0.017% |
| 78  | 18.335 | 2541 | 2544 | 2545 | rVB3 | 2136   | 1616    | 0.13%   | 0.013% |
| 79  | 18.394 | 2545 | 2554 | 2558 | rBV2 | 47421  | 68650   | 5.67%   | 0.566% |
| 80  | 18.470 | 2566 | 2567 | 2569 | rVB2 | 3506   | 1865    | 0.15%   | 0.015% |
| 81  | 18.588 | 2586 | 2587 | 2589 | rBV2 | 2138   | 1505    | 0.12%   | 0.012% |
| 82  | 18.940 | 2645 | 2647 | 2651 | rBV4 | 2081   | 2132    | 0.18%   | 0.018% |
| 83  | 19.034 | 2661 | 2663 | 2665 | rVB3 | 2744   | 1849    | 0.15%   | 0.015% |
| 84  | 19.058 | 2665 | 2667 | 2668 | rBV2 | 2973   | 1838    | 0.15%   | 0.015% |
| 85  | 19.093 | 2672 | 2673 | 2676 | rVV2 | 2810   | 1999    | 0.17%   | 0.016% |
| 86  | 19.275 | 2702 | 2704 | 2706 | rVB3 | 2361   | 1485    | 0.12%   | 0.012% |
| 87  | 19.410 | 2725 | 2727 | 2728 | rBV2 | 2323   | 2058    | 0.17%   | 0.017% |
| 88  | 19.457 | 2731 | 2735 | 2739 | rBV6 | 10637  | 16740   | 1.38%   | 0.138% |
| 89  | 19.528 | 2743 | 2747 | 2749 | rBV2 | 12130  | 14788   | 1.22%   | 0.122% |
| 90  | 19.657 | 2766 | 2769 | 2772 | rBV5 | 11316  | 12487   | 1.03%   | 0.103% |
| 91  | 19.892 | 2802 | 2809 | 2818 | rBV  | 818844 | 1211269 | 100.00% | 9.991% |
| 92  | 20.238 | 2866 | 2868 | 2869 | rBV2 | 4553   | 3390    | 0.28%   | 0.028% |
| 93  | 20.368 | 2888 | 2890 | 2891 | rBV2 | 3919   | 2002    | 0.17%   | 0.017% |
| 94  | 20.391 | 2891 | 2894 | 2899 | rVV6 | 6893   | 10981   | 0.91%   | 0.091% |
| 95  | 21.190 | 3028 | 3030 | 3031 | rBV2 | 7106   | 4351    | 0.36%   | 0.036% |
| 96  | 21.431 | 3066 | 3071 | 3078 | rBV2 | 123079 | 188983  | 15.60%  | 1.559% |
| 97  | 21.795 | 3127 | 3133 | 3141 | rVB  | 397196 | 689339  | 56.91%  | 5.686% |
| 98  | 23.328 | 3390 | 3394 | 3399 | rVB7 | 18898  | 31626   | 2.61%   | 0.261% |
| 99  | 24.891 | 3649 | 3660 | 3674 | rVB2 | 398780 | 1172130 | 96.77%  | 9.668% |
| 100 | 25.114 | 3689 | 3698 | 3711 | rBV3 | 217931 | 643175  | 53.10%  | 5.305% |

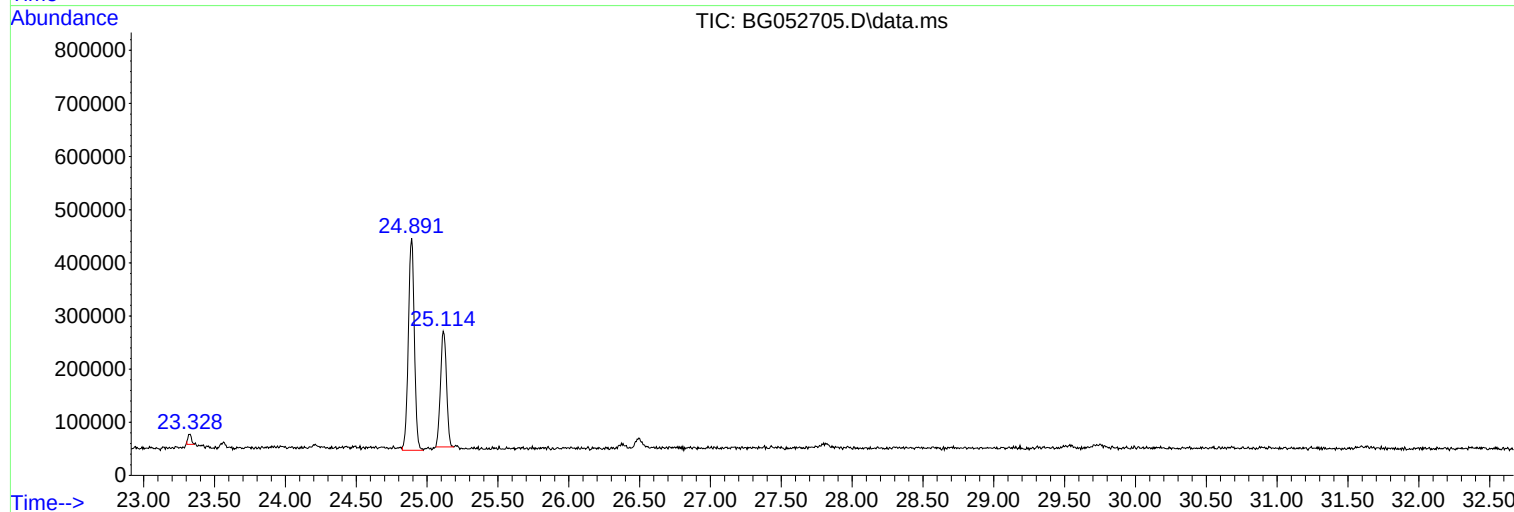
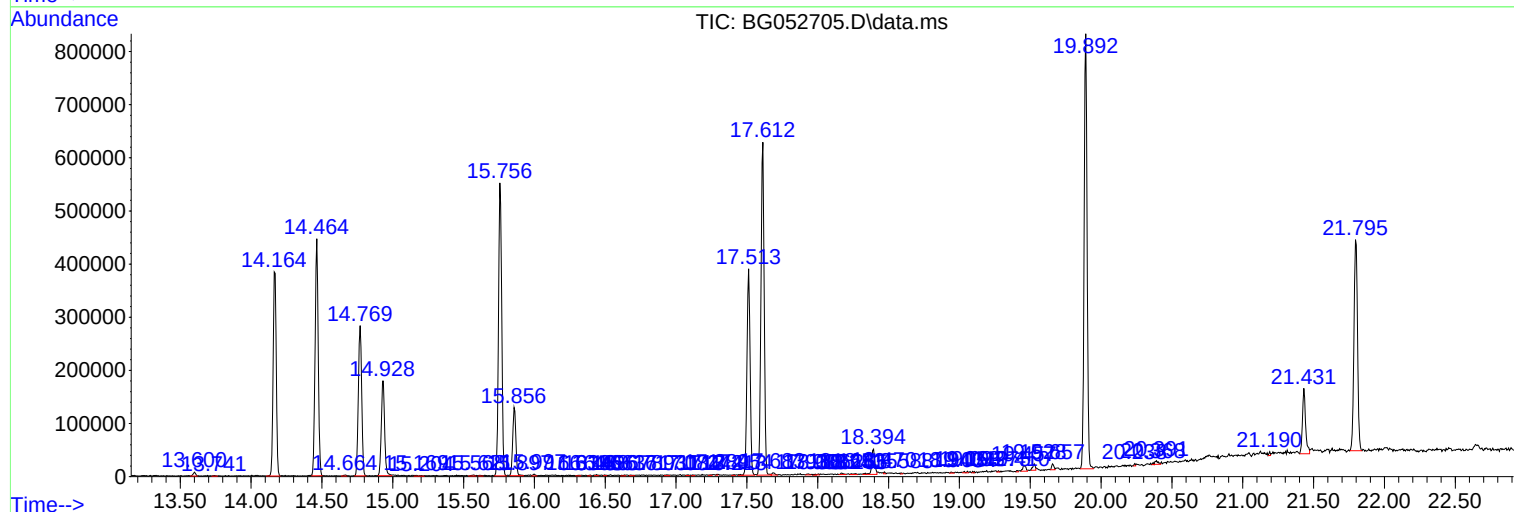
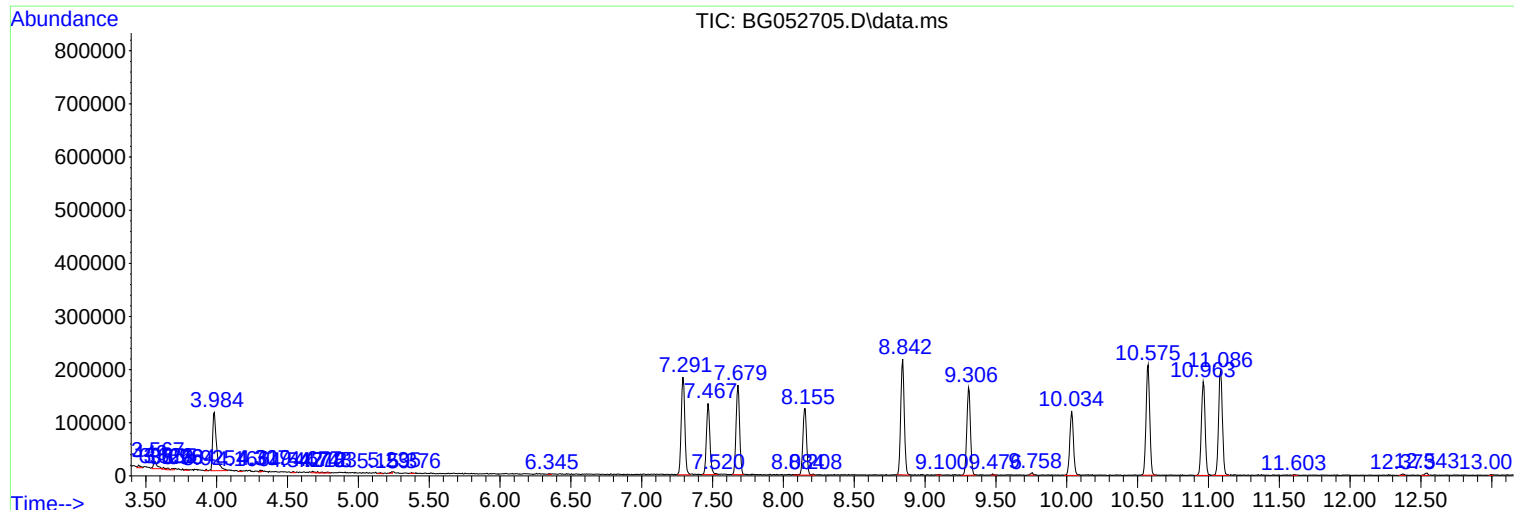
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

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



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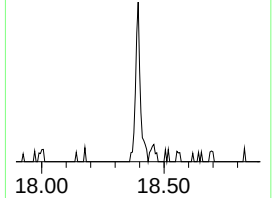
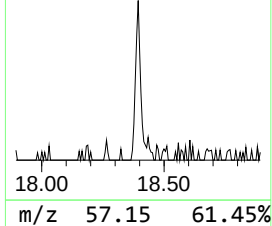
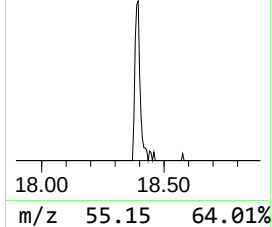
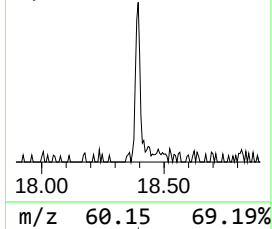
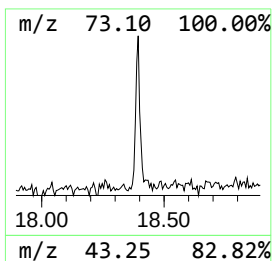
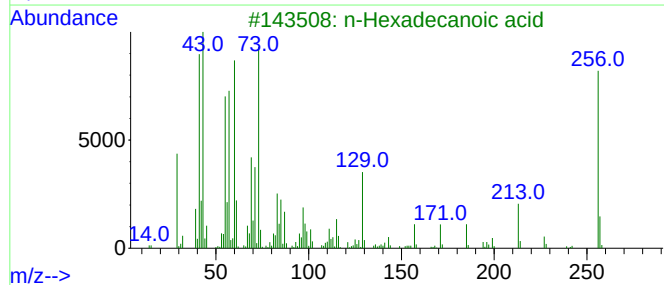
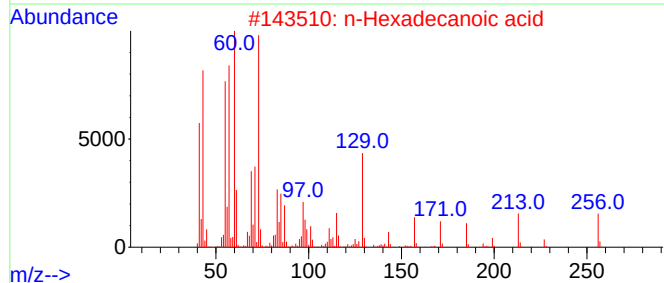
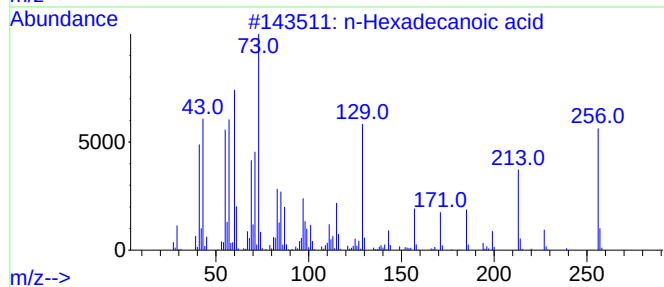
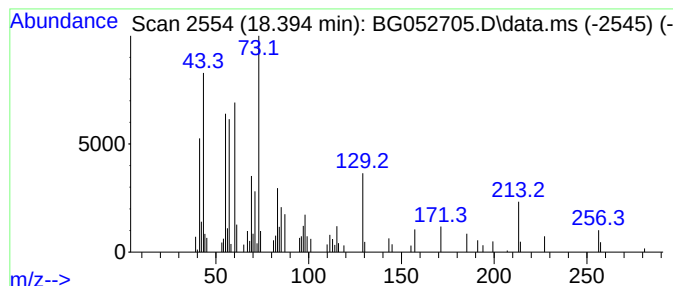
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.394 | 2.31 ng/ul | 68650 | Phenanthrene-d10 | 17.513 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 95      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 76      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 76      |      |      |
| 4    | Tetradecanoic acid  | 228 | C14H28O2     | 000544-63-8 | 58      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 53      |      |      |



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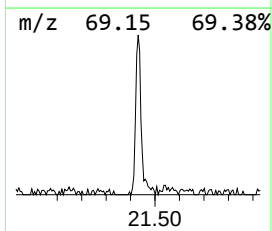
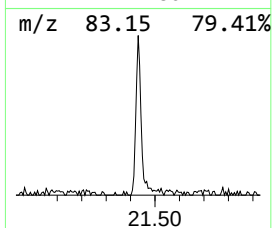
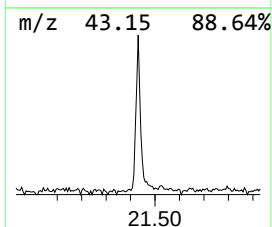
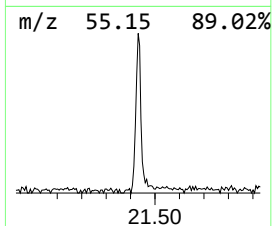
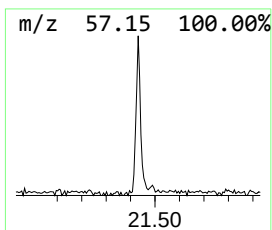
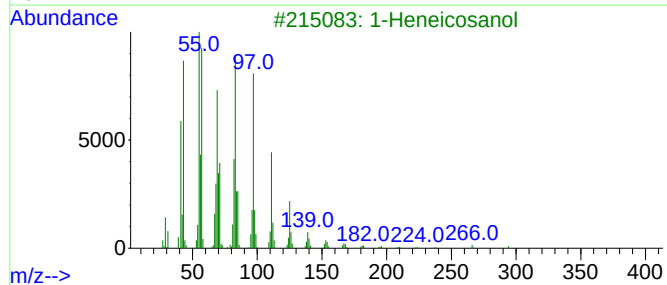
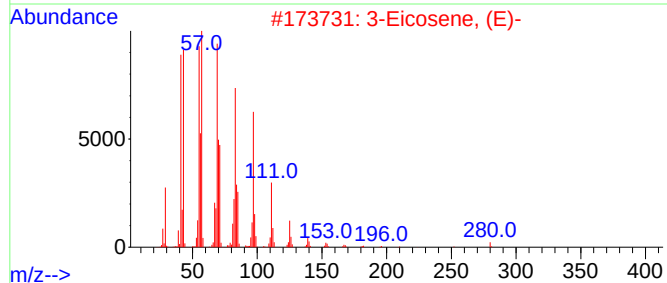
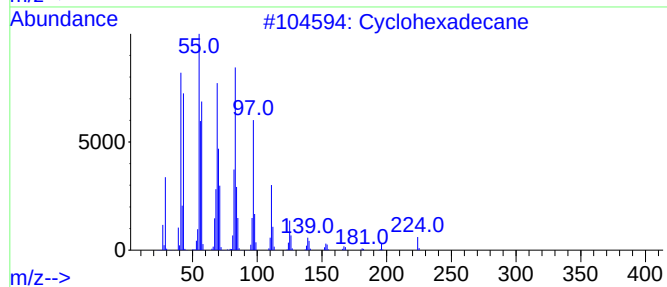
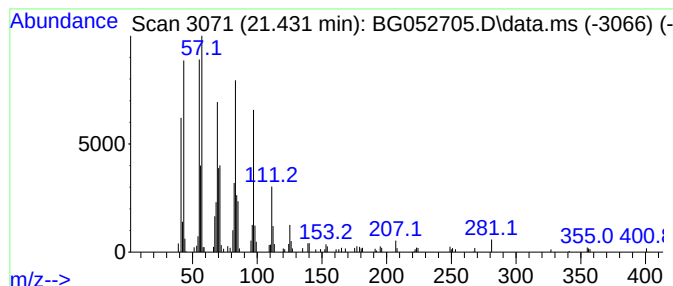
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic21.431 Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.431 | 5.48 ng/ul | 188983 | Chrysene-d12     | 21.795 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|------------|-------------|------|
| 1    |    |   | Cyclohexadecane                   | 224 | C16H32     | 000295-65-8 | 98   |
| 2    |    |   | 3-Eicosene, (E)-                  | 280 | C20H40     | 074685-33-9 | 95   |
| 3    |    |   | 1-Heneicosanol                    | 312 | C21H44O    | 015594-90-8 | 94   |
| 4    |    |   | Behenic alcohol                   | 326 | C22H46O    | 000661-19-8 | 94   |
| 5    |    |   | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031822\  
Data File : BG052705.D  
Acq On : 18 Mar 2022 11:50  
Operator : CG/JU  
Sample : N1882-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBRX6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.394 | 2.3     | ng/ul | 68650    | 4                     | 17.513 | 593224 | 20.0 |
| (DEL) Alkane: C... | 21.431 | 5.5     | ng/ul | 188983   | 5                     | 21.795 | 689339 | 20.0 |