LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

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_M\Methods\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

Signal : TIC: BM038841.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.116 | 3 | 5 | 25 | rVB | 5276732 | 6448383 | 100.00% | 10.295% |
| 2 | 3.381 | 46 | 50 | 61 | rVB | 31065 | 50827 | 0.79% | 0.081% |
| 3 | 4.052 | 159 | 164 | 169 | rBV | 32728 | 53105 | 0.82% | 0.085% |
| 4 | 4.252 | 194 | 198 | 204 | rVB3 | 20609 | 31815 | 0.49% | 0.051% |
| 5 | 5.081 | 333 | 339 | 347 | rBV | 70538 | 116750 | 1.81% | 0.186% |
| 6 | 6.387 | 556 | 561 | 567 | rVB | 20746 | 31875 | 0.49% | 0.051% |
| 7 | 6.687 | 604 | 612 | 620 | rVB | 72942 | 113199 | 1.76% | 0.181% |
| 8 | 6.998 | 659 | 665 | 673 | rVB | 90624 | 146305 | 2.27% | 0.234% |
| 9 | 7.157 | 685 | 692 | 704 | rVB | 504077 | 816105 | 12.66% | 1.303% |
| 10 | 7.334 | 715 | 722 | 732 | rBV | 426798 | 653699 | 10.14% | 1.044% |
| 11 | 7.451 | 736 | 742 | 747 | rVV | 67554 | 109047 | 1.69% | 0.174% |
| 12 | 7.534 | 749 | 756 | 767 | rVV | 488016 | 765148 | 11.87% | 1.222% |
| 13 | 8.010 | 830 | 837 | 845 | rBV | 881367 | 1351590 | 20.96% | 2.158% |
| 14 | 8.239 | 867 | 876 | 882 | rBV6 | 19272 | 38225 | 0.59% | 0.061% |
| 15 | 8.322 | 882 | 890 | 898 | rVB | 773156 | 1231409 | 19.10% | 1.966% |
| 16 | 8.710 | 947 | 956 | 967 | rBV | 607626 | 946104 | 14.67% | 1.510% |
| 17 | 8.834 | 971 | 977 | 982 | rVV | 91967 | 149353 | 2.32% | 0.238% |
| 18 | 8.887 | 982 | 986 | 992 | rVV3 | 23922 | 37435 | 0.58% | 0.060% |
| 19 | 9.175 | 1023 | 1035 | 1045 | rBV | 429423 | 732514 | 11.36% | 1.169% |
| 20 | 9.898 | 1149 | 1158 | 1165 | rBV | 279646 | 463132 | 7.18% | 0.739% |
| 21 | 10.239 | 1210 | 1216 | 1225 | rBV4 | 65401 | 120660 | 1.87% | 0.193% |
| 22 | 10.369 | 1230 | 1238 | 1243 | rBV4 | 32454 | 60896 | 0.94% | 0.097% |
| 23 | 10.439 | 1243 | 1250 | 1255 | rVV | 583177 | 980542 | 15.21% | 1.565% |
| 24 | 10.481 | 1255 | 1257 | 1270 | rVB | 64032 | 114700 | 1.78% | 0.183% |
| 25 | 10.598 | 1270 | 1277 | 1287 | rBV | 217143 | 375244 | 5.82% | 0.599% |
| 26 | 10.828 | 1309 | 1316 | 1323 | rVV | 1220791 | 2024106 | 31.39% | 3.232% |
| 27 | 10.957 | 1330 | 1338 | 1350 | rBV | 429704 | 754909 | 11.71% | 1.205% |
| 28 | 11.128 | 1362 | 1367 | 1372 | rBV3 | 33658 | 54583 | 0.85% | 0.087% |
| 29 | 11.210 | 1379 | 1381 | 1394 | rVB10 | 12347 | 29380 | 0.46% | 0.047% |
| 30 | 11.369 | 1401 | 1408 | 1414 | rVB2 | 45638 | 78290 | 1.21% | 0.125% |
| 31 | 11.575 | 1437 | 1443 | 1448 | rBV | 47548 | 83256 | 1.29% | 0.133% |
| 32 | 12.945 | 1667 | 1676 | 1682 | rBV8 | 20722 | 40211 | 0.62% | 0.064% |
| 33 | 13.351 | 1739 | 1745 | 1748 | rBV5 | 16479 | 26651 | 0.41% | 0.043% |
| 34 | 13.398 | 1748 | 1753 | 1763 | rVV8 | 62988 | 134889 | 2.09% | 0.215% |
| 35 | 13.480 | 1763 | 1767 | 1771 | rVV3 | 20352 | 33168 | 0.51% | 0.053% |
| 36 | 13.533 | 1771 | 1776 | 1785 | rVV6 | 49414 | 89728 | 1.39% | 0.143% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBAA7

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_M\Methods\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.904 | 1835 | 1839 | 1842 | rVV5 | 16077 | 27110 | 0.42% | 0.043% |
| 38 | 13.980 | 1842 | 1852 | 1858 | rVB2 | 148140 | 228604 | 3.55% | 0.365% |
| 39 | 14.057 | 1858 | 1865 | 1876 | rBV | 1074503 | 1518147 | 23.54% | 2.424% |
| 40 | 14.180 | 1882 | 1886 | 1890 | rVB4 | 21378 | 26689 | 0.41% | 0.043% |
| 41 | 14.339 | 1907 | 1913 | 1921 | rVB2 | 1228897 | 1752018 | 27.17% | 2.797% |
| 42 | 14.416 | 1921 | 1926 | 1931 | rVB2 | 66859 | 95079 | 1.47% | 0.152% |
| 43 | 14.492 | 1934 | 1939 | 1945 | rBV2 | 54660 | 78998 | 1.23% | 0.126% |
| 44 | 14.645 | 1952 | 1965 | 1972 | rBV | 1941244 | 2932619 | 45.48% | 4.682% |
| 45 | 14.716 | 1972 | 1977 | 1983 | rBV3 | 77045 | 124198 | 1.93% | 0.198% |
| 46 | 14.821 | 1989 | 1995 | 2002 | rBV | 401164 | 565683 | 8.77% | 0.903% |
| 47 | 14.898 | 2002 | 2008 | 2015 | rVV2 | 144099 | 229512 | 3.56% | 0.366% |
| 48 | 14.968 | 2015 | 2020 | 2026 | rVB | 55312 | 92678 | 1.44% | 0.148% |
| 49 | 15.057 | 2031 | 2035 | 2041 | rVB4 | 28013 | 50070 | 0.78% | 0.080% |
| 50 | 15.192 | 2052 | 2058 | 2062 | rBV4 | 25842 | 46748 | 0.72% | 0.075% |
| 51 | 15.633 | 2126 | 2133 | 2144 | rBV | 1688919 | 2383047 | 36.96% | 3.805% |
| 52 | 15.739 | 2145 | 2151 | 2159 | rBV2 | 317341 | 546877 | 8.48% | 0.873% |
| 53 | 15.798 | 2159 | 2161 | 2164 | rVV3 | 43312 | 52967 | 0.82% | 0.085% |
| 54 | 15.839 | 2165 | 2168 | 2172 | rVV6 | 25626 | 37967 | 0.59% | 0.061% |
| 55 | 15.880 | 2172 | 2175 | 2181 | rVB7 | 16692 | 29543 | 0.46% | 0.047% |
| 56 | 15.998 | 2188 | 2195 | 2205 | rBV | 650115 | 973580 | 15.10% | 1.554% |
| 57 | 16.086 | 2205 | 2210 | 2213 | rVV | 143205 | 224075 | 3.47% | 0.358% |
| 58 | 16.121 | 2213 | 2216 | 2221 | rVB3 | 71281 | 99585 | 1.54% | 0.159% |
| 59 | 16.210 | 2226 | 2231 | 2235 | rBV3 | 69358 | 109795 | 1.70% | 0.175% |
| 60 | 16.268 | 2236 | 2241 | 2247 | rVV | 183393 | 256112 | 3.97% | 0.409% |
| 61 | 16.363 | 2251 | 2257 | 2261 | rBV | 117841 | 158687 | 2.46% | 0.253% |
| 62 | 16.962 | 2352 | 2359 | 2363 | rBV9 | 21485 | 56674 | 0.88% | 0.090% |
| 63 | 17.021 | 2365 | 2369 | 2375 | rVB2 | 52080 | 78403 | 1.22% | 0.125% |
| 64 | 17.098 | 2377 | 2382 | 2388 | rBV | 493170 | 685610 | 10.63% | 1.095% |
| 65 | 17.286 | 2410 | 2414 | 2417 | rBV5 | 32005 | 48833 | 0.76% | 0.078% |
| 66 | 17.386 | 2417 | 2431 | 2439 | rVV | 2726976 | 4016838 | 62.29% | 6.413% |
| 67 | 17.486 | 2442 | 2448 | 2457 | rVB | 1839891 | 2564276 | 39.77% | 4.094% |
| 68 | 17.586 | 2460 | 2465 | 2472 | rVV4 | 187254 | 321090 | 4.98% | 0.513% |
| 69 | 17.651 | 2472 | 2476 | 2482 | rVV6 | 50431 | 111663 | 1.73% | 0.178% |
| 70 | 17.709 | 2482 | 2486 | 2494 | rVB3 | 92341 | 160887 | 2.49% | 0.257% |
| 71 | 18.145 | 2555 | 2560 | 2567 | rVB2 | 288983 | 409002 | 6.34% | 0.653% |
| 72 | 18.280 | 2577 | 2583 | 2592 | rBV2 | 500511 | 821717 | 12.74% | 1.312% |
| 73 | 18.357 | 2593 | 2596 | 2602 | rVV6 | 75752 | 142937 | 2.22% | 0.228% |
| 74 | 18.421 | 2602 | 2607 | 2611 | rVV | 166710 | 229287 | 3.56% | 0.366% |
| 75 | 18.509 | 2619 | 2622 | 2627 | rVB3 | 69949 | 93709 | 1.45% | 0.150% |
| 76 | 18.715 | 2655 | 2657 | 2670 | rVB7 | 46886 | 94735 | 1.47% | 0.151% |

LSC Area Percent Report

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Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

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_M\Methods\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.833 | 2673 | 2677 | 2679 | rVV2 | 73720 | 103107 | 1.60% | 0.165% |
| 78 | 18.862 | 2679 | 2682 | 2691 | rVB | 167427 | 242395 | 3.76% | 0.387% |
| 79 | 18.974 | 2698 | 2701 | 2705 | rVB6 | 24661 | 28252 | 0.44% | 0.045% |
| 80 | 19.086 | 2712 | 2720 | 2725 | rBV2 | 228845 | 348637 | 5.41% | 0.557% |
| 81 | 19.215 | 2738 | 2742 | 2746 | rVB3 | 67409 | 86353 | 1.34% | 0.138% |
| 82 | 19.345 | 2759 | 2764 | 2770 | rBV4 | 87580 | 150712 | 2.34% | 0.241% |
| 83 | 19.409 | 2772 | 2775 | 2778 | rBV3 | 53876 | 64397 | 1.00% | 0.103% |
| 84 | 19.556 | 2797 | 2800 | 2810 | rVB3 | 73805 | 109164 | 1.69% | 0.174% |
| 85 | 19.774 | 2831 | 2837 | 2844 | rBV | 2432228 | 3237218 | 50.20% | 5.168% |
| 86 | 19.868 | 2849 | 2853 | 2857 | rBV2 | 147161 | 172275 | 2.67% | 0.275% |
| 87 | 19.921 | 2857 | 2862 | 2866 | rBV | 563287 | 701981 | 10.89% | 1.121% |
| 88 | 20.145 | 2895 | 2900 | 2904 | rBV | 236566 | 308125 | 4.78% | 0.492% |
| 89 | 20.221 | 2910 | 2913 | 2915 | rBV2 | 29939 | 39087 | 0.61% | 0.062% |
| 90 | 20.327 | 2927 | 2931 | 2936 | rVB3 | 143264 | 171500 | 2.66% | 0.274% |
| 91 | 20.462 | 2951 | 2954 | 2959 | rVB3 | 97484 | 117970 | 1.83% | 0.188% |
| 92 | 20.527 | 2961 | 2965 | 2972 | rVB | 277661 | 334111 | 5.18% | 0.533% |
| 93 | 20.645 | 2980 | 2985 | 2993 | rBV | 496880 | 624155 | 9.68% | 0.996% |
| 94 | 21.115 | 3061 | 3065 | 3070 | rBV | 731243 | 795975 | 12.34% | 1.271% |
| 95 | 21.280 | 3089 | 3093 | 3104 | rVB3 | 318169 | 531440 | 8.24% | 0.848% |
| 96 | 21.562 | 3136 | 3141 | 3154 | rBV | 3086134 | 4120774 | 63.90% | 6.579% |
| 97 | 22.215 | 3249 | 3252 | 3258 | rVB3 | 96572 | 157091 | 2.44% | 0.251% |
| 98 | 23.303 | 3433 | 3437 | 3441 | rBV | 106971 | 139215 | 2.16% | 0.222% |
| 99 | 23.856 | 3524 | 3531 | 3541 | rBV2 | 1799266 | 3541542 | 54.92% | 5.654% |
| 100 | 24.021 | 3552 | 3559 | 3576 | rVB | 2332852 | 4746853 | 73.61% | 7.579% |

Sum of corrected areas: 62635611

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
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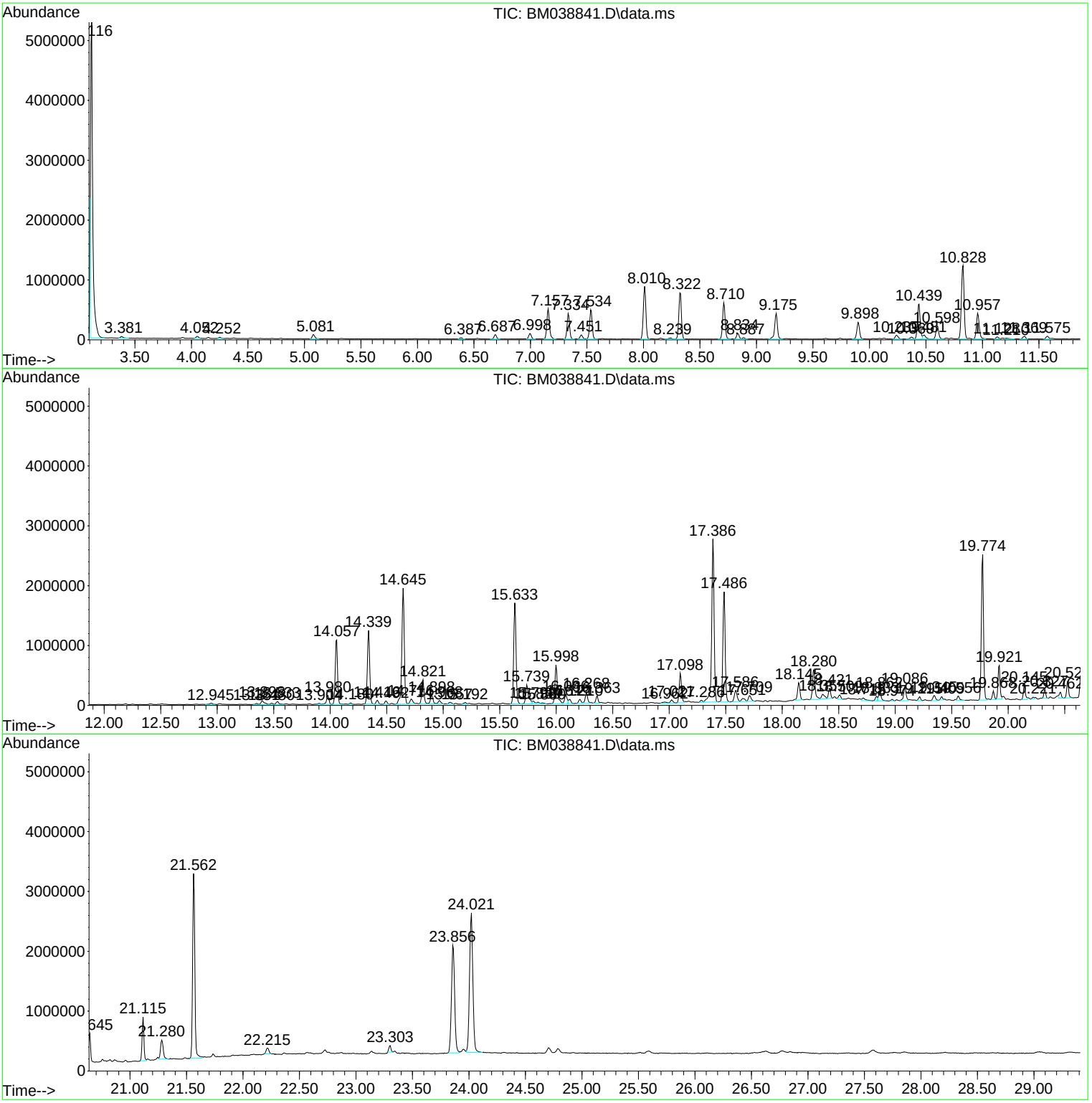
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

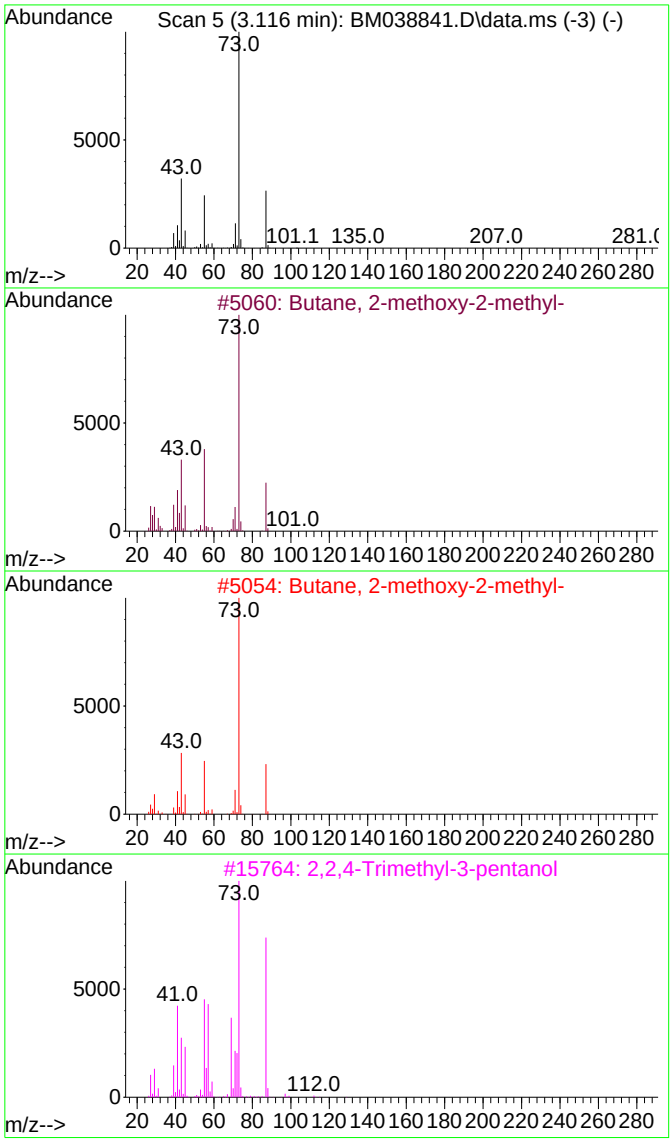
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

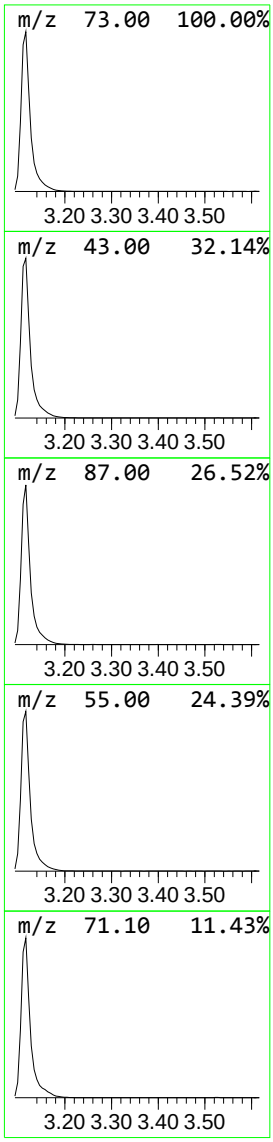
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.116 | 95.42 ng/ul | 6448380 | 1,4-Dichlorobenzene-d4 | 8.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

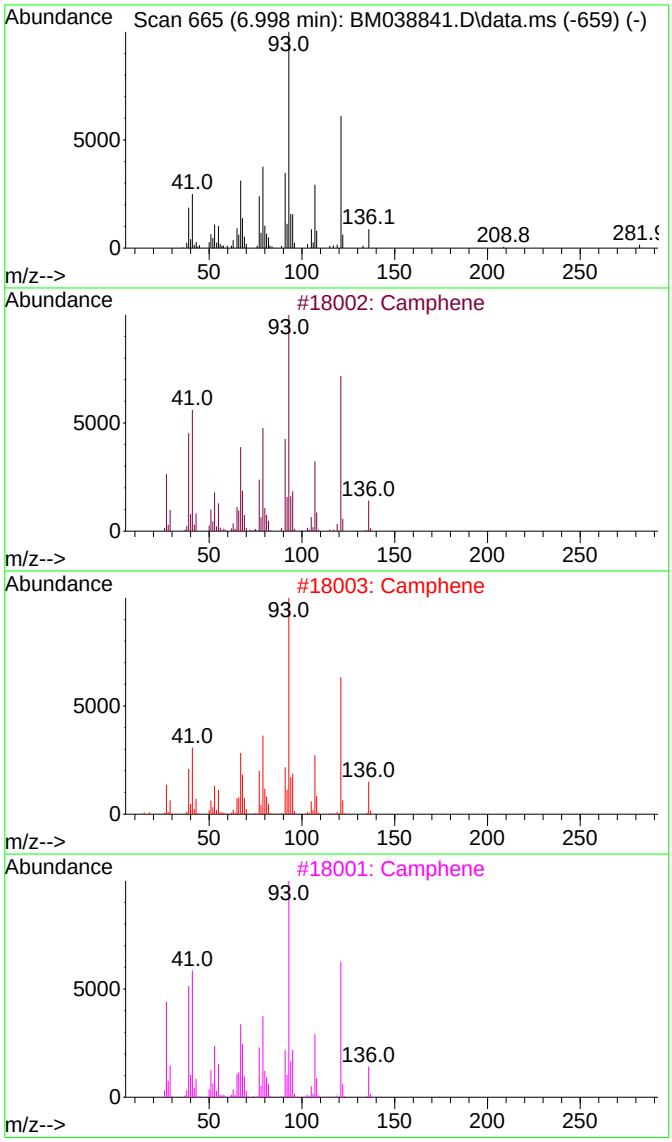
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

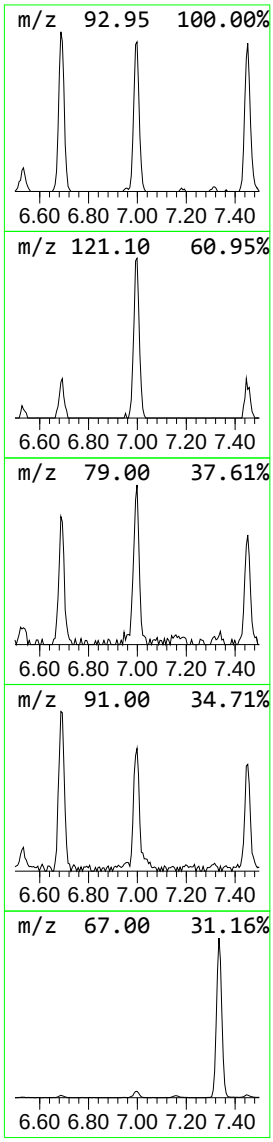
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Camphene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.998 | 2.16 ng/ul | 146305 | 1,4-Dichlorobenzene-d4 | 8.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphene | 136 | C10H16 | 000079-92-5 | 95 |
| 2 | Camphene | 136 | C10H16 | 000079-92-5 | 93 |
| 3 | Camphene | 136 | C10H16 | 000079-92-5 | 90 |
| 4 | Camphene | 136 | C10H16 | 000079-92-5 | 87 |
| 5 | Bicyclo[3.1.1]heptane, 6,6-dimet... | 136 | C10H16 | 018172-67-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

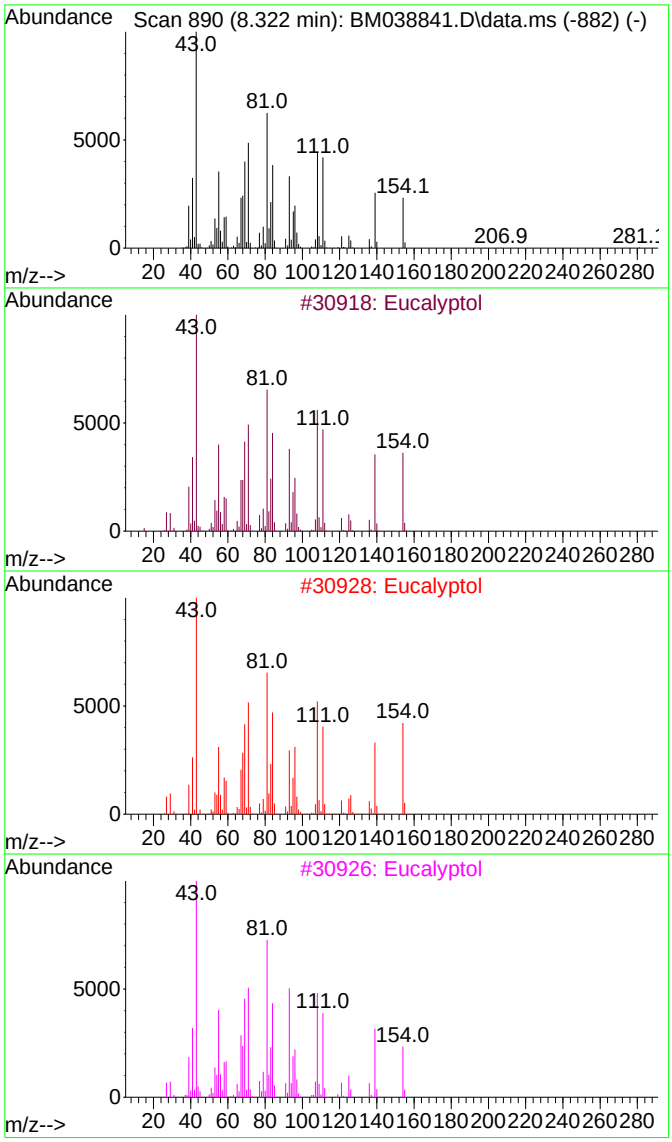
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

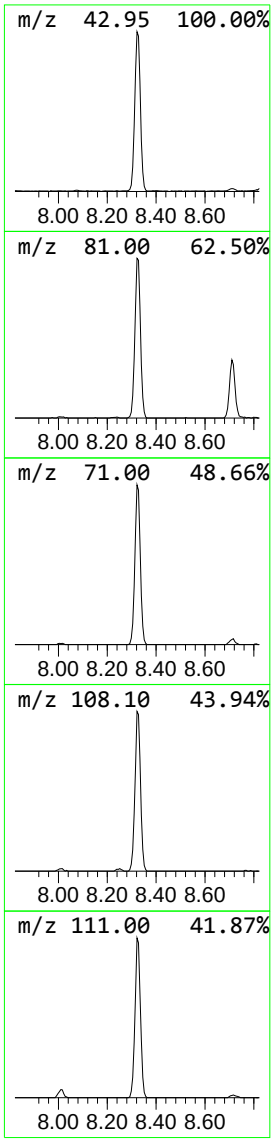
**********

Peak Number 3 Eucalyptol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.322 | 18.22 ng/ul | 1231410 | 1,4-Dichlorobenzene-d4 | 8.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 98 |
| 2 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 93 |
| 3 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 93 |
| 4 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 91 |
| 5 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

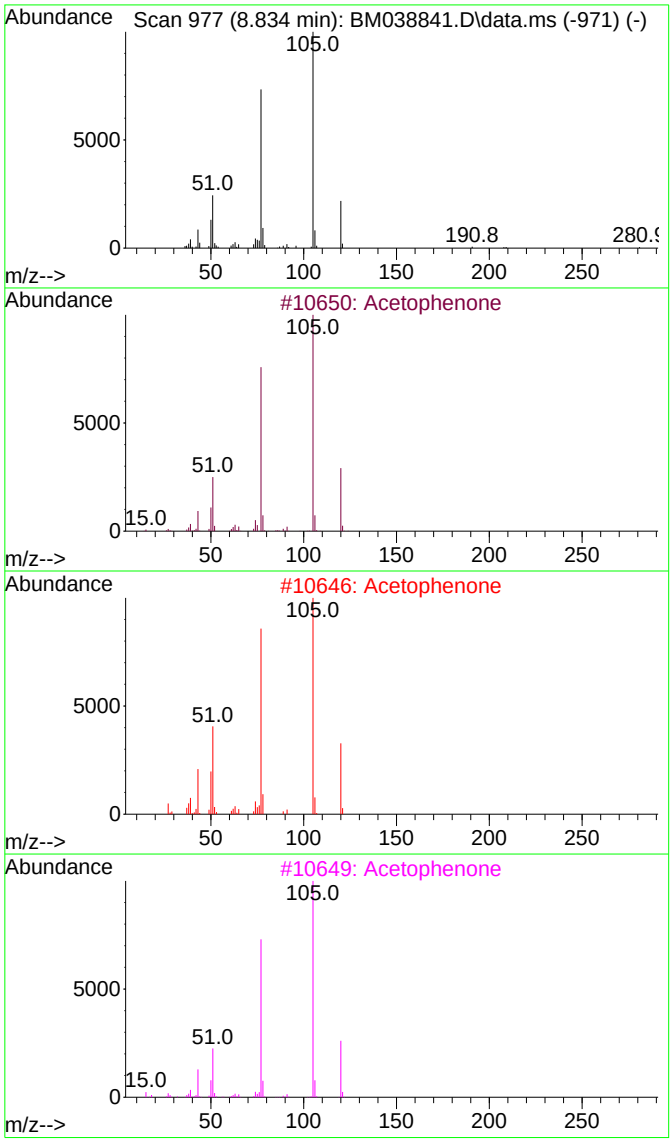
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

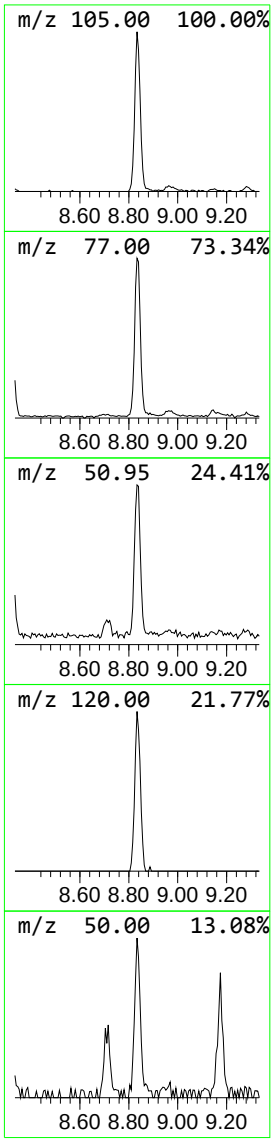
**********

Peak Number 4 Acetophe none Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.834 | 2.21 ng/ul | 149353 | 1,4-Dichlorobenzene-d4 | 8.010 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetophenone | 120 | C8H8O | 000098-86-2 | 95 |
| 2 | Acetophenone | 120 | C8H8O | 000098-86-2 | 95 |
| 3 | Acetophenone | 120 | C8H8O | 000098-86-2 | 94 |
| 4 | Acetophenone | 120 | C8H8O | 000098-86-2 | 91 |
| 5 | Acetophenone | 120 | C8H8O | 000098-86-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

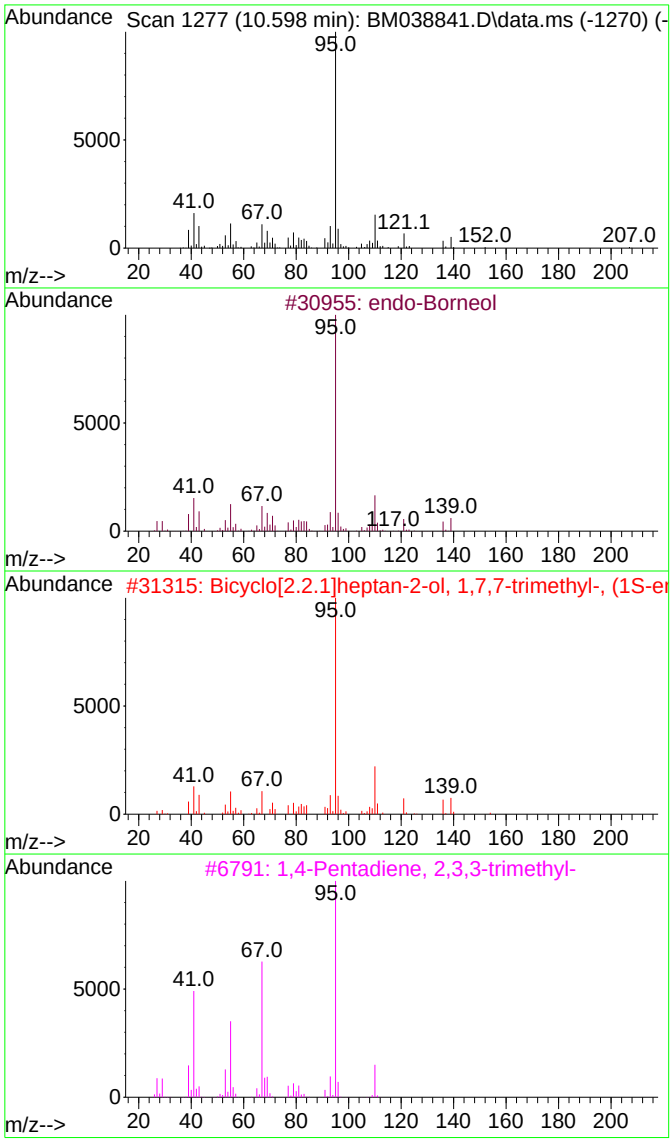
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

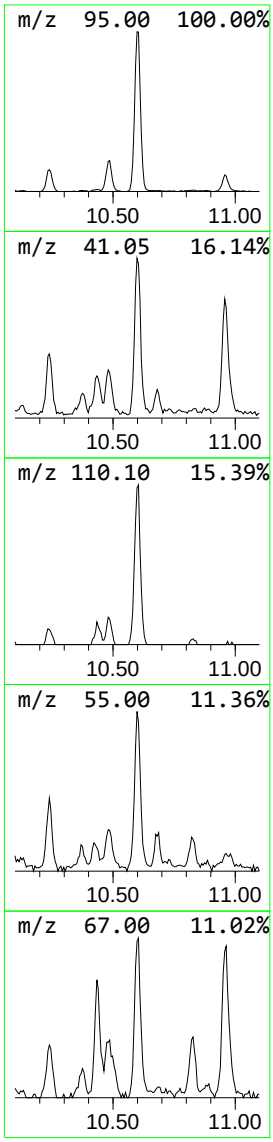
**********

Peak Number 5 endo-Borneol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.598 | 3.71 ng/ul | 375244 | Naphthalene-d8 | 10.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | endo-Borneol | 154 | C10H18O | 000507-70-0 | 86 |
| 2 | Bicyclo[2.2.1]heptan-2-ol, 1,7,7... | 154 | C10H18O | 000464-45-9 | 78 |
| 3 | 1,4-Pentadiene, 2,3,3-trimethyl- | 110 | C8H14 | 000756-02-5 | 64 |
| 4 | endo-Borneol | 154 | C10H18O | 000507-70-0 | 64 |
| 5 | 5,6-Dibromo-5-methyl-hex-1-ene | 254 | C7H12Br2 | 1000192-24-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

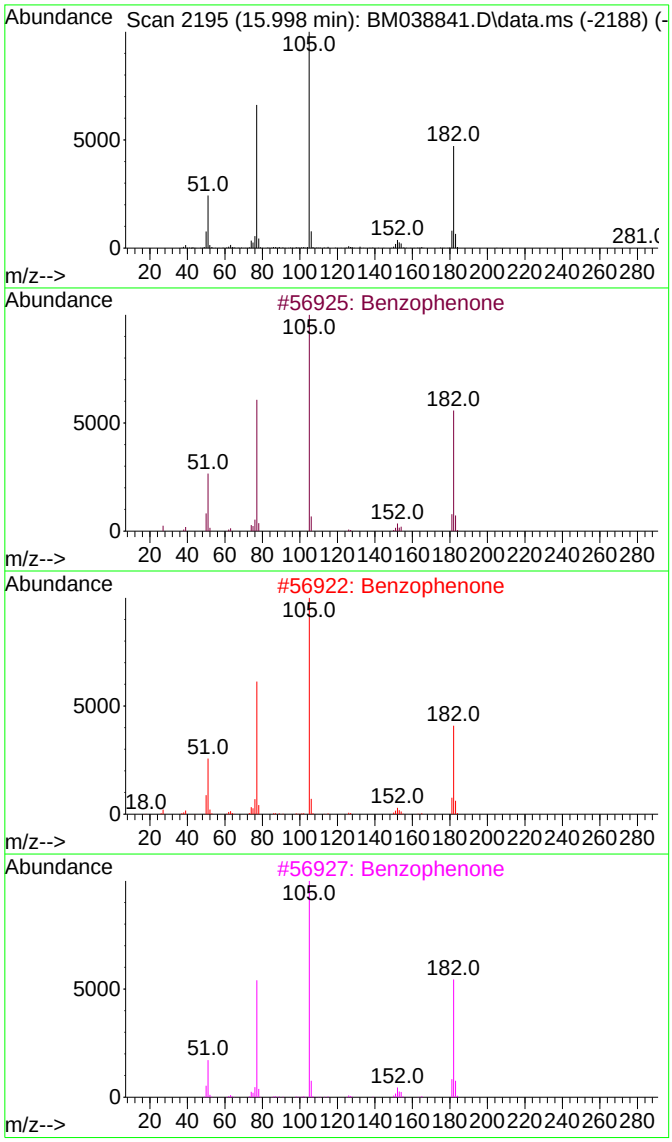
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

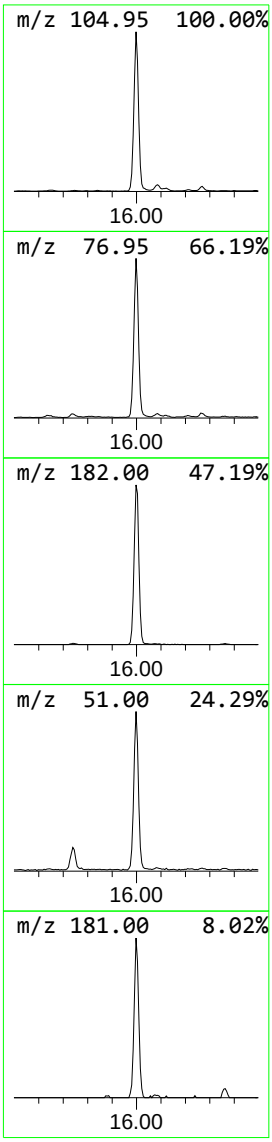
**********

Peak Number 6 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.998 | 6.64 ng/ul | 973580 | Acenaphthene-d10 | 14.645 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |



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Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

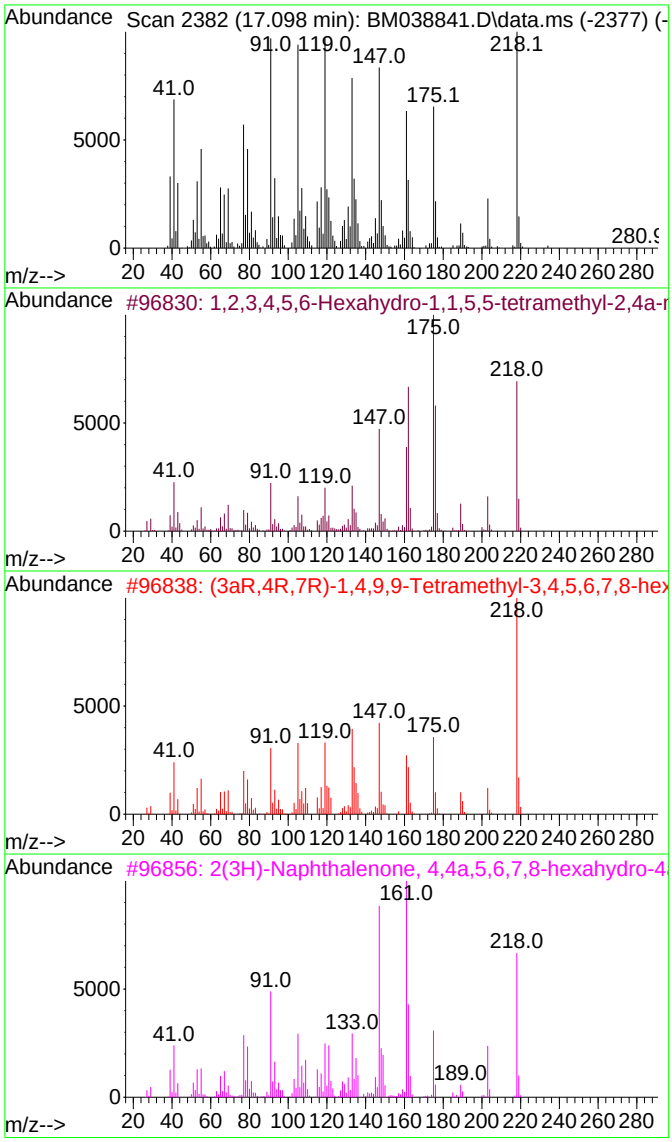
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

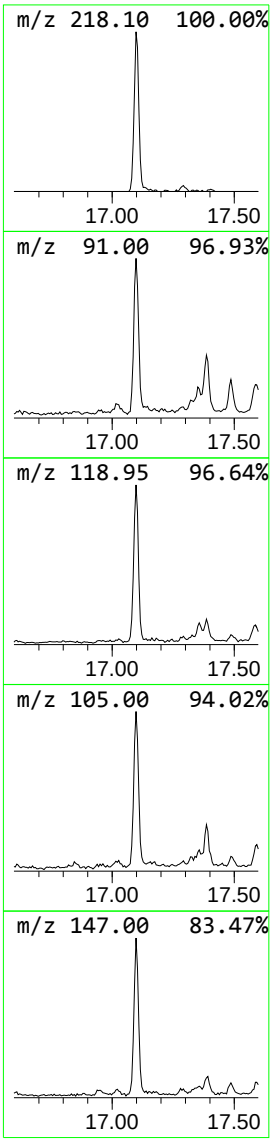
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1,2,3,4,5,6-Hexahydro-1,1,5... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.098 | 3.41 ng/ul | 685610 | Phenanthrene-d10 | 17.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,3,4,5,6-Hexahydro-1,1,5,5-te... | 218 | C15H22O | 023747-14-0 | 91 |
| 2 | (3aR,4R,7R)-1,4,9,9-Tetramethyl-... | 218 | C15H22O | 003466-15-7 | 83 |
| 3 | 2(3H)-Naphthalenone, 4,4a,5,6,7,... | 218 | C15H22O | 019598-45-9 | 83 |
| 4 | 5(1H)-Azulenone, 2,4,6,7,8,8a-he... | 218 | C15H22O | 006754-66-1 | 83 |
| 5 | Isolongifolen-5-one | 218 | C15H22O | 1000159-37-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

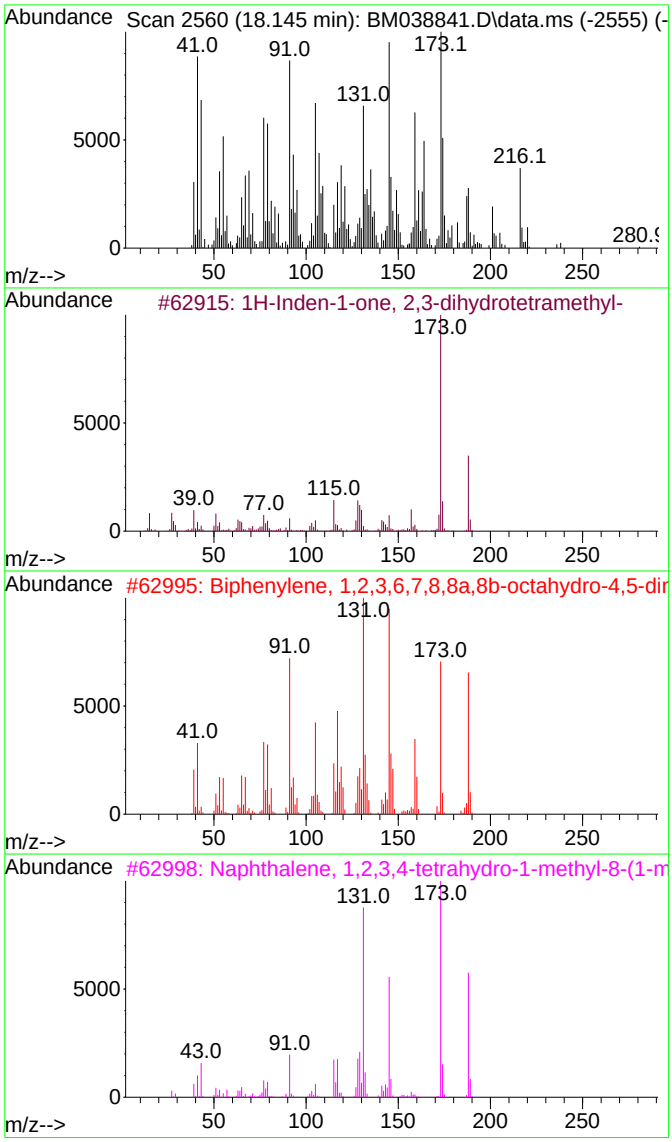
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

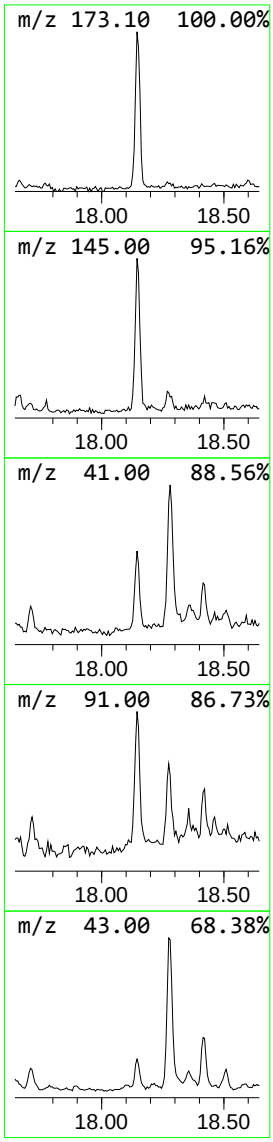
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.145 | 2.04 ng/ul | 409002 | Phenanthrene-d10 | 17.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydrotetra... | 188 | C13H16O | 089907-33-5 | 56 |
| 2 | Biphenylene, 1,2,3,6,7,8,8a,8b-o... | 188 | C14H20 | 106988-87-8 | 46 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 188 | C14H20 | 081603-43-2 | 42 |
| 4 | 8-Amino-6-methoxyquinoline | 174 | C10H10N2O | 000090-52-8 | 38 |
| 5 | Benzene, 1-tert-butyl-4-cyclopro... | 188 | C14H20 | 058249-45-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

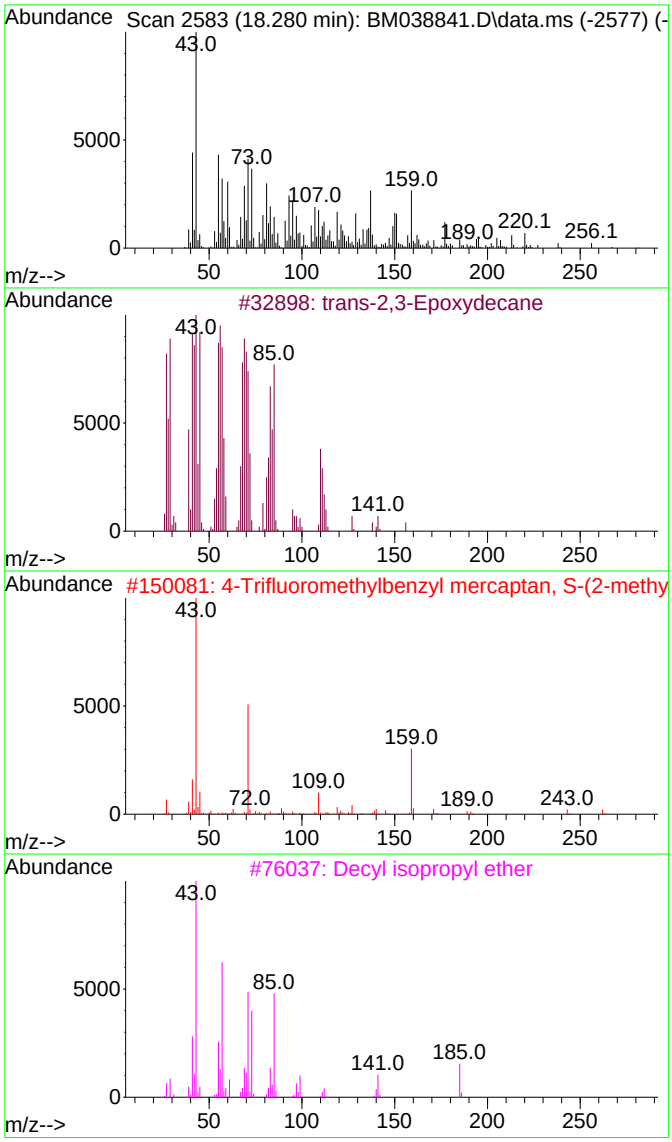
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

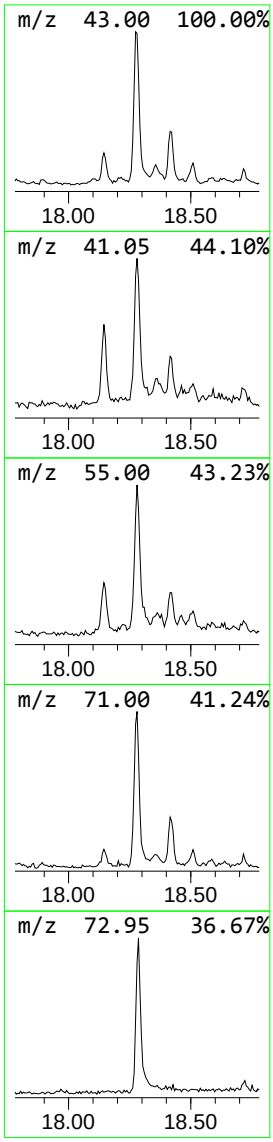
**********

Peak Number 9 trans-2,3-Epoxydecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.280 | 4.09 ng/ul | 821717 | Phenanthrene-d10 | 17.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-2,3-Epoxydecane | 156 | C10H20O | 054125-39-2 | 59 |
| 2 | 4-Trifluoromethylbenzyl mercapta... | 262 | C12H13F3OS | 1000470-57-2 | 22 |
| 3 | Decyl isopropyl ether | 200 | C13H28O | 1000406-33-8 | 22 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 18 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

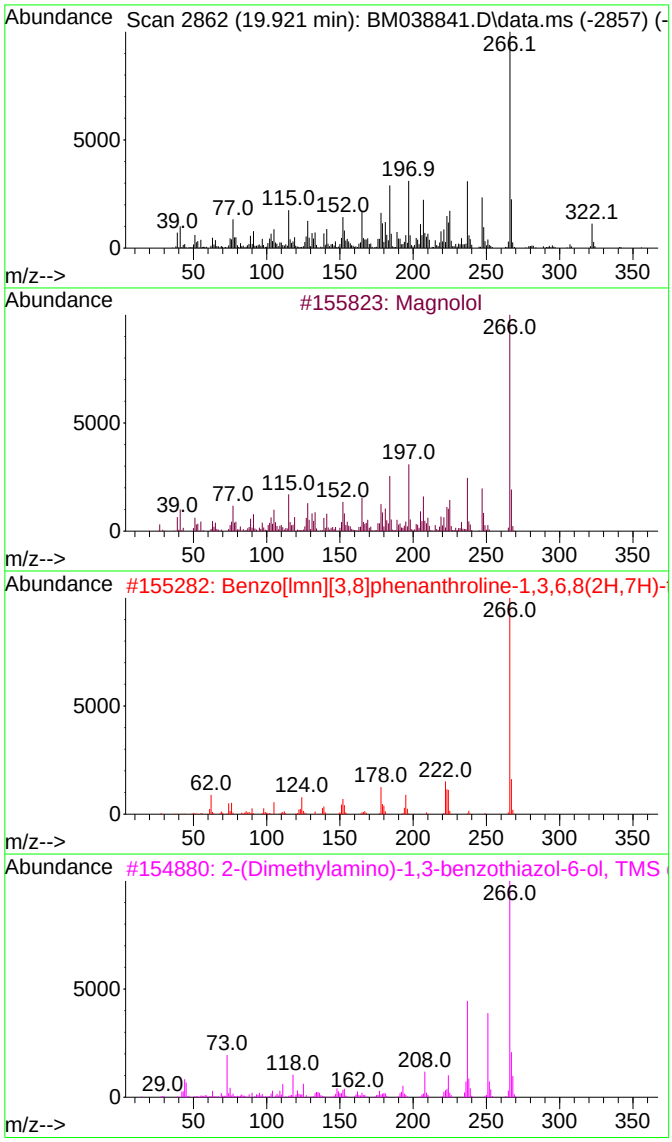
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

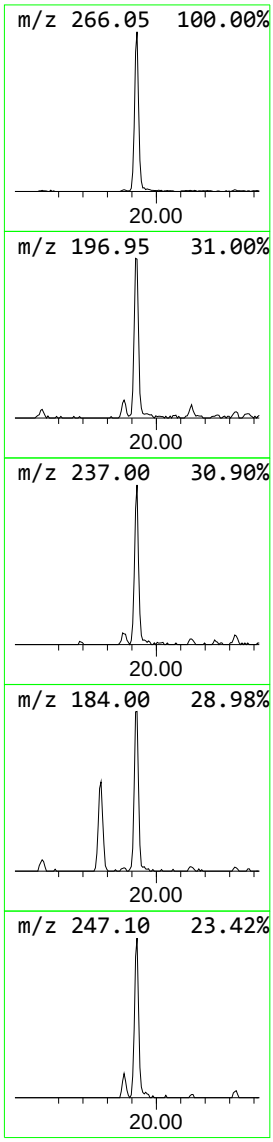
**********

Peak Number 10 Magnolol Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.921 | 3.41 ng/ul | 701981 | Chrysene-d12 | 21.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Magnolol | 266 | C18H18O2 | 000528-43-8 | 99 |
| 2 | Benzo[lmn][3,8]phenanthroline-1,... | 266 | C14H6N2O4 | 005690-24-4 | 56 |
| 3 | 2-(Dimethylamino)-1,3-benzothiaz... | 266 | C12H18N2OSSi | 1000474-64-0 | 49 |
| 4 | Equilenin | 266 | C18H18O2 | 000517-09-9 | 46 |
| 5 | 10-Nitro-15-oxa-14-azatetracyclo... | 266 | C14H6N2O4 | 085192-91-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

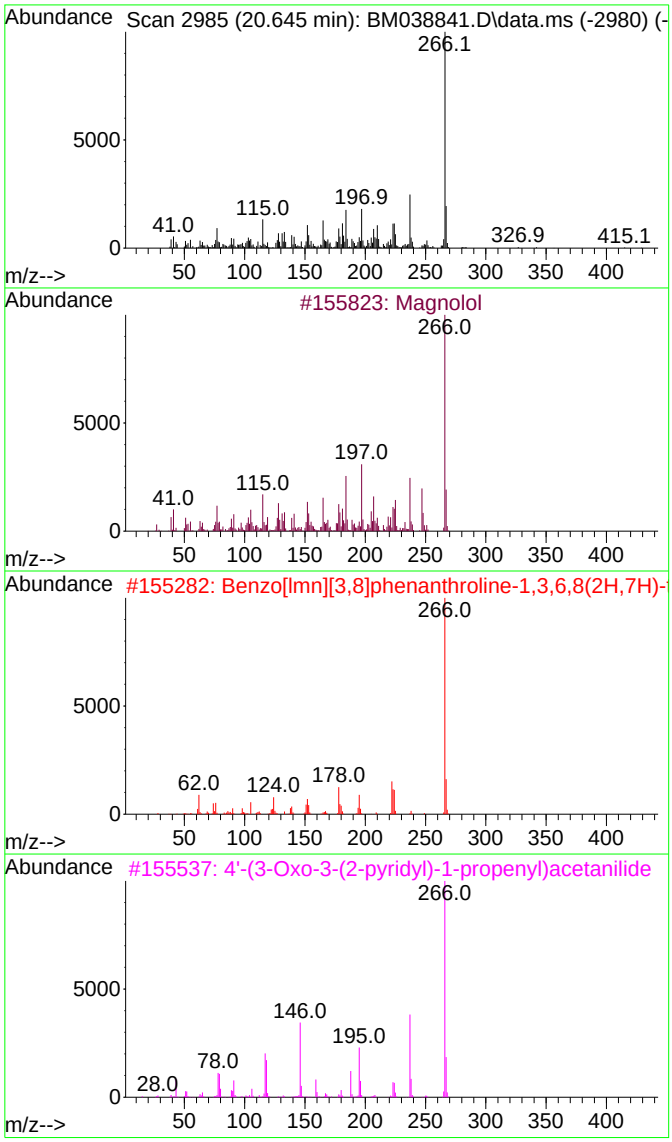
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

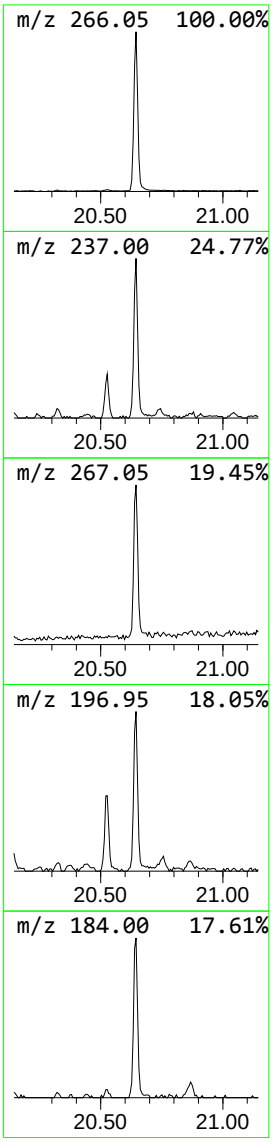
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzo[lmn][3,8]phenanthroli... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.645 | 3.03 ng/ul | 624155 | Chrysene-d12 | 21.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Magnolol | 266 | C18H18O2 | 000528-43-8 | 91 |
| 2 | Benzo[lmn][3,8]phenanthroline-1,... | 266 | C14H6N2O4 | 005690-24-4 | 83 |
| 3 | 4'-(3-Oxo-3-(2-pyridyl)-1-propen... | 266 | C16H14N2O2 | 013309-10-9 | 76 |
| 4 | Equilenin | 266 | C18H18O2 | 000517-09-9 | 76 |
| 5 | 6-Methoxy-4-methyl-3-phenylcoumarin | 266 | C17H14O3 | 115059-27-3 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

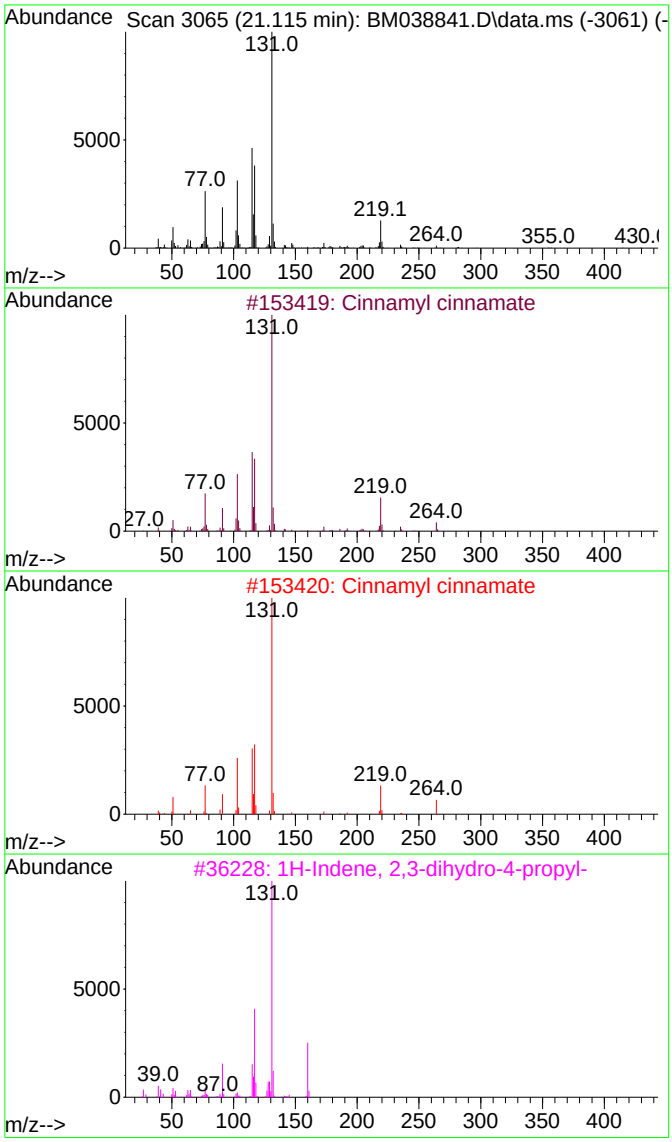
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

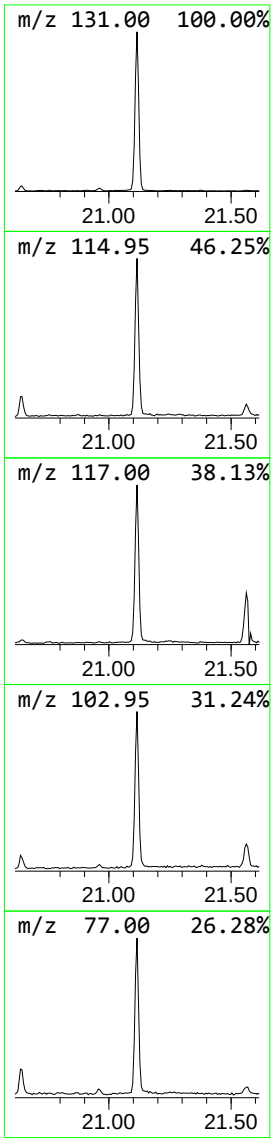
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Cinnamyl cinnamate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.115 | 3.86 ng/ul | 795975 | Chrysene-d12 | 21.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cinnamyl cinnamate | 264 | C18H16O2 | 000122-69-0 | 91 |
| 2 | Cinnamyl cinnamate | 264 | C18H16O2 | 000122-69-0 | 80 |
| 3 | 1H-Indene, 2,3-dihydro-4-propyl- | 160 | C12H16 | 092013-16-6 | 50 |
| 4 | 2,2-Dimethyl-1-(2-vinylphenyl)pr... | 188 | C13H16O | 1000210-99-9 | 43 |
| 5 | (Z)-N-(2-Hydroxyethyl)-3-phenyla... | 233 | C13H15NO3 | 1000512-63-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

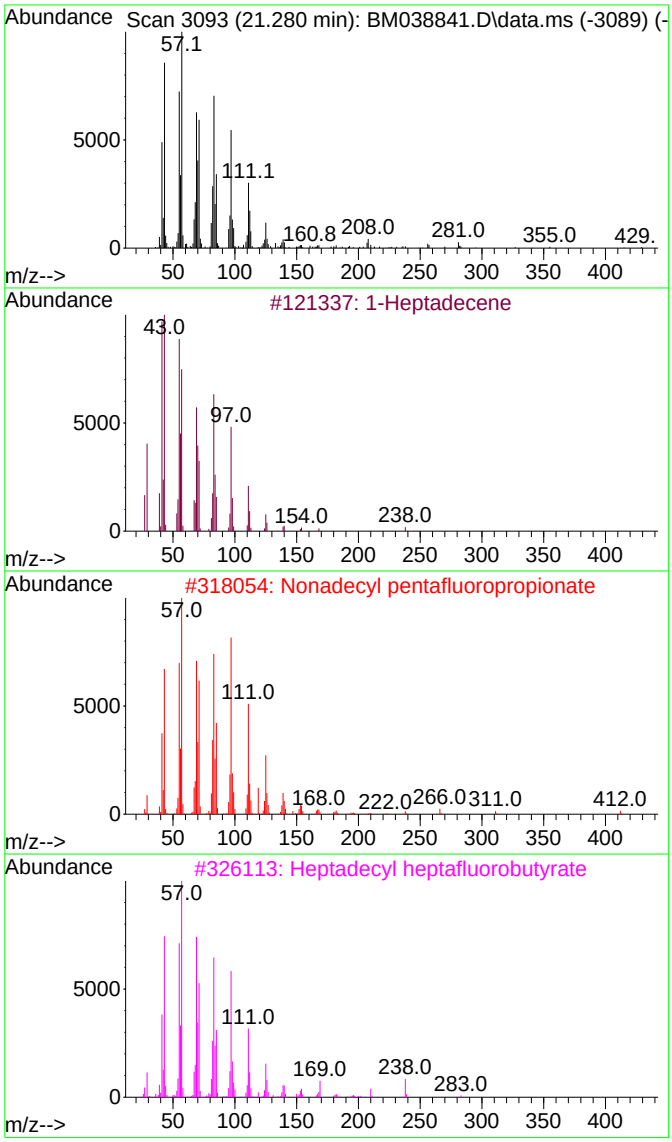
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

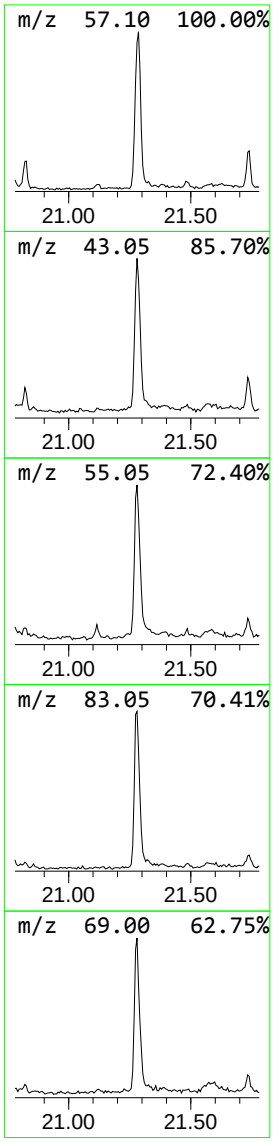
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.280 | 2.58 ng/ul | 531440 | Chrysene-d12 | 21.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 93 |
| 2 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |
| 4 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 90 |
| 5 | Hexadecyl propyl ether | 284 | C19H40O | 1000406-27-9 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038841.D
Acq On : 02 Mar 2023 18:06
Operator : CG/JU
Sample : 01710-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBAA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 3.116 | 95.4 | ng/ul | 6448380 | 1 | 8.010 | 1351590 | 20.0 |
| Camphene | 6.998 | 2.2 | ng/ul | 146305 | 1 | 8.010 | 1351590 | 20.0 |
| Eucalyptol | 8.322 | 18.2 | ng/ul | 1231410 | 1 | 8.010 | 1351590 | 20.0 |
| Acetophe none | 8.834 | 2.2 | ng/ul | 149353 | 1 | 8.010 | 1351590 | 20.0 |
| endo-Borneol | 10.598 | 3.7 | ng/ul | 375244 | 2 | 10.828 | 2024110 | 20.0 |
| Benzophenone | 15.998 | 6.6 | ng/ul | 973580 | 3 | 14.645 | 2932620 | 20.0 |
| 1,2,3,4,5,6-Hex... | 17.098 | 3.4 | ng/ul | 685610 | 4 | 17.386 | 4016840 | 20.0 |
| 1H-Inden-1-one,... | 18.145 | 2.0 | ng/ul | 409002 | 4 | 17.386 | 4016840 | 20.0 |
| trans-2,3-Epoxy... | 18.280 | 4.1 | ng/ul | 821717 | 4 | 17.386 | 4016840 | 20.0 |
| Magnolol | 19.921 | 3.4 | ng/ul | 701981 | 5 | 21.562 | 4120770 | 20.0 |
| Benzo[lmn][3,8]... | 20.645 | 3.0 | ng/ul | 624155 | 5 | 21.562 | 4120770 | 20.0 |
| Cinnamyl cinnamate | 21.115 | 3.9 | ng/ul | 795975 | 5 | 21.562 | 4120770 | 20.0 |
| (DEL) Alkane: S... | 21.280 | 2.6 | ng/ul | 531440 | 5 | 21.562 | 4120770 | 20.0 |