

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042775.D  
 Acq On : 15 Nov 2023 19:06  
 Operator : MA/JU  
 Sample : 05057-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A48Z7

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-BM111323.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM042775.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         | 3.175       | 30            | 32          | 38           | rVB2     | 7174           | 8426          | 0.93%           | 0.117%        |
| 2         | 3.628       | 107           | 109         | 119          | rBV      | 20259          | 37855         | 4.20%           | 0.526%        |
| 3         | 4.181       | 202           | 203         | 205          | rVB2     | 2549           | 1376          | 0.15%           | 0.019%        |
| 4         | 4.293       | 221           | 222         | 224          | rVB2     | 1804           | 1251          | 0.14%           | 0.017%        |
| 5         | 4.493       | 254           | 256         | 257          | rVB2     | 1753           | 1175          | 0.13%           | 0.016%        |
| 6         | 4.546       | 263           | 265         | 267          | rBV2     | 1390           | 1335          | 0.15%           | 0.019%        |
| 7         | 4.569       | 267           | 269         | 272          | rVB2     | 1618           | 1359          | 0.15%           | 0.019%        |
| 8         | 4.634       | 278           | 280         | 281          | rBV2     | 1576           | 1196          | 0.13%           | 0.017%        |
| 9         | 4.928       | 328           | 330         | 334          | rVB5     | 1395           | 1460          | 0.16%           | 0.020%        |
| 10        | 4.969       | 336           | 337         | 340          | rBV3     | 1785           | 1640          | 0.18%           | 0.023%        |
| 11        | 5.187       | 372           | 374         | 378          | rBV4     | 1164           | 1510          | 0.17%           | 0.021%        |
| 12        | 5.504       | 425           | 428         | 431          | rBV5     | 1033           | 1592          | 0.18%           | 0.022%        |
| 13        | 6.469       | 588           | 592         | 593          | rBV3     | 1547           | 1943          | 0.22%           | 0.027%        |
| 14        | 6.722       | 633           | 635         | 640          | rVB5     | 1053           | 1081          | 0.12%           | 0.015%        |
| 15        | 6.775       | 642           | 644         | 649          | rVB5     | 1578           | 2452          | 0.27%           | 0.034%        |
| 16        | 6.816       | 649           | 651         | 653          | rBV3     | 1325           | 1264          | 0.14%           | 0.018%        |
| 17        | 6.904       | 664           | 666         | 669          | rBV4     | 1004           | 1076          | 0.12%           | 0.015%        |
| 18        | 7.004       | 678           | 683         | 686          | rBV2     | 14478          | 25282         | 2.80%           | 0.351%        |
| 19        | 7.175       | 706           | 712         | 724          | rBV      | 87894          | 164154        | 18.20%          | 2.281%        |
| 20        | 7.351       | 736           | 742         | 753          | rBV      | 85769          | 159814        | 17.72%          | 2.221%        |
| 21        | 7.639       | 790           | 791         | 794          | rBV2     | 1230           | 1141          | 0.13%           | 0.016%        |
| 22        | 7.828       | 817           | 823         | 836          | rBV      | 82026          | 150477        | 16.68%          | 2.091%        |
| 23        | 8.157       | 877           | 879         | 883          | rBV5     | 849            | 1296          | 0.14%           | 0.018%        |
| 24        | 8.557       | 942           | 947         | 961          | rBV2     | 43077          | 100572        | 11.15%          | 1.397%        |
| 25        | 8.957       | 1013          | 1015        | 1017         | rBV3     | 1002           | 1161          | 0.13%           | 0.016%        |
| 26        | 9.028       | 1021          | 1027        | 1039         | rBV      | 100044         | 207166        | 22.97%          | 2.879%        |
| 27        | 9.198       | 1054          | 1056        | 1057         | rVV3     | 1517           | 1109          | 0.12%           | 0.015%        |
| 28        | 9.222       | 1057          | 1060        | 1063         | rVB4     | 2160           | 2384          | 0.26%           | 0.033%        |
| 29        | 9.745       | 1142          | 1149        | 1165         | rVV      | 79005          | 166104        | 18.42%          | 2.308%        |
| 30        | 9.845       | 1165          | 1166        | 1169         | rVV2     | 1858           | 1536          | 0.17%           | 0.021%        |
| 31        | 9.975       | 1186          | 1188        | 1191         | rVV3     | 1134           | 1301          | 0.14%           | 0.018%        |
| 32        | 10.010      | 1191          | 1194        | 1196         | rVB4     | 905            | 1053          | 0.12%           | 0.015%        |
| 33        | 10.204      | 1224          | 1227        | 1228         | rBV2     | 1054           | 1103          | 0.12%           | 0.015%        |
| 34        | 10.269      | 1232          | 1238        | 1250         | rBV      | 93175          | 203758        | 22.59%          | 2.831%        |
| 35        | 10.439      | 1265          | 1267        | 1273         | rVB5     | 1836           | 3227          | 0.36%           | 0.045%        |
| 36        | 10.580      | 1287          | 1291        | 1295         | rVV6     | 2594           | 3183          | 0.35%           | 0.044%        |

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 BNA\_M  
 ClientSampleId :  
 A48Z7

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-BM111323.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 10.639 | 1295 | 1301 | 1311 | rVV  | 114852 | 197284 | 21.87% | 2.741% |
| 38 | 10.769 | 1320 | 1323 | 1326 | rBV5 | 1534   | 1824   | 0.20%  | 0.025% |
| 39 | 10.822 | 1326 | 1332 | 1352 | rBV2 | 75090  | 197758 | 21.92% | 2.748% |
| 40 | 11.704 | 1476 | 1482 | 1486 | rBV  | 2852   | 3922   | 0.43%  | 0.054% |
| 41 | 12.316 | 1583 | 1586 | 1589 | rVB3 | 835    | 1174   | 0.13%  | 0.016% |
| 42 | 12.904 | 1681 | 1686 | 1689 | rBV4 | 739    | 1369   | 0.15%  | 0.019% |
| 43 | 13.057 | 1710 | 1712 | 1719 | rVB4 | 2552   | 3164   | 0.35%  | 0.044% |
| 44 | 13.333 | 1754 | 1759 | 1763 | rVB5 | 3481   | 5316   | 0.59%  | 0.074% |
| 45 | 13.710 | 1820 | 1823 | 1826 | rVV3 | 2369   | 3122   | 0.35%  | 0.043% |
| 46 | 13.774 | 1829 | 1834 | 1837 | rVB3 | 851    | 1084   | 0.12%  | 0.015% |
| 47 | 13.904 | 1850 | 1856 | 1871 | rBV  | 271856 | 402378 | 44.61% | 5.591% |
| 48 | 14.186 | 1898 | 1904 | 1916 | rBV  | 273315 | 413623 | 45.86% | 5.747% |
| 49 | 14.263 | 1916 | 1917 | 1921 | rVV3 | 1404   | 1421   | 0.16%  | 0.020% |
| 50 | 14.486 | 1948 | 1955 | 1965 | rBV  | 168854 | 258828 | 28.69% | 3.596% |
| 51 | 14.563 | 1965 | 1968 | 1971 | rVV4 | 913    | 1477   | 0.16%  | 0.021% |
| 52 | 14.810 | 2001 | 2010 | 2011 | rBV3 | 1281   | 2505   | 0.28%  | 0.035% |
| 53 | 14.898 | 2022 | 2025 | 2028 | rBV4 | 1022   | 1184   | 0.13%  | 0.016% |
| 54 | 15.221 | 2076 | 2080 | 2085 | rBV3 | 3863   | 5294   | 0.59%  | 0.074% |
| 55 | 15.274 | 2085 | 2089 | 2090 | rBV3 | 1539   | 2129   | 0.24%  | 0.030% |
| 56 | 15.304 | 2090 | 2094 | 2098 | rVB  | 3920   | 4908   | 0.54%  | 0.068% |
| 57 | 15.480 | 2116 | 2124 | 2139 | rBV  | 346442 | 534996 | 59.31% | 7.434% |
| 58 | 15.627 | 2143 | 2149 | 2159 | rBV2 | 80347  | 140391 | 15.56% | 1.951% |
| 59 | 15.827 | 2179 | 2183 | 2184 | rBV3 | 1196   | 1287   | 0.14%  | 0.018% |
| 60 | 15.857 | 2184 | 2188 | 2197 | rVV2 | 11610  | 20338  | 2.25%  | 0.283% |
| 61 | 15.921 | 2197 | 2199 | 2205 | rVV4 | 608    | 1123   | 0.12%  | 0.016% |
| 62 | 15.998 | 2208 | 2212 | 2216 | rBV4 | 1899   | 3463   | 0.38%  | 0.048% |
| 63 | 16.104 | 2226 | 2230 | 2232 | rBV4 | 2315   | 2909   | 0.32%  | 0.040% |
| 64 | 16.133 | 2232 | 2235 | 2238 | rVB3 | 1205   | 1294   | 0.14%  | 0.018% |
| 65 | 16.321 | 2264 | 2267 | 2269 | rBV3 | 1263   | 1365   | 0.15%  | 0.019% |
| 66 | 16.345 | 2269 | 2271 | 2273 | rVV2 | 2095   | 2090   | 0.23%  | 0.029% |
| 67 | 16.409 | 2278 | 2282 | 2287 | rBV5 | 2945   | 4185   | 0.46%  | 0.058% |
| 68 | 16.527 | 2300 | 2302 | 2304 | rVB3 | 1255   | 1160   | 0.13%  | 0.016% |
| 69 | 16.698 | 2328 | 2331 | 2334 | rBV4 | 1263   | 1491   | 0.17%  | 0.021% |
| 70 | 16.780 | 2344 | 2345 | 2350 | rVB3 | 932    | 1089   | 0.12%  | 0.015% |
| 71 | 16.880 | 2361 | 2362 | 2365 | rBV3 | 1301   | 1176   | 0.13%  | 0.016% |
| 72 | 16.921 | 2365 | 2369 | 2372 | rVV3 | 2444   | 3180   | 0.35%  | 0.044% |
| 73 | 16.974 | 2372 | 2378 | 2382 | rVV4 | 2204   | 4261   | 0.47%  | 0.059% |
| 74 | 17.092 | 2392 | 2398 | 2402 | rBV5 | 1949   | 3659   | 0.41%  | 0.051% |
| 75 | 17.239 | 2417 | 2423 | 2433 | rBV  | 192059 | 295668 | 32.78% | 4.108% |
| 76 | 17.333 | 2433 | 2439 | 2455 | rBV2 | 344674 | 559520 | 62.03% | 7.774% |

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Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 77  | 17.498 | 2462 | 2467 | 2473 | rVB2 | 5062   | 8169   | 0.91%   | 0.114%  |
| 78  | 17.580 | 2477 | 2481 | 2484 | rBV5 | 1556   | 2997   | 0.33%   | 0.042%  |
| 79  | 17.656 | 2492 | 2494 | 2497 | rBV3 | 1352   | 1384   | 0.15%   | 0.019%  |
| 80  | 18.092 | 2563 | 2568 | 2580 | rBV  | 59062  | 117051 | 12.98%  | 1.626%  |
| 81  | 18.227 | 2589 | 2591 | 2593 | rVB3 | 2451   | 1857   | 0.21%   | 0.026%  |
| 82  | 18.251 | 2593 | 2595 | 2598 | rBV4 | 1508   | 1820   | 0.20%   | 0.025%  |
| 83  | 18.315 | 2604 | 2606 | 2610 | rVB4 | 1977   | 2268   | 0.25%   | 0.032%  |
| 84  | 18.362 | 2610 | 2614 | 2615 | rBV2 | 2553   | 3620   | 0.40%   | 0.050%  |
| 85  | 18.439 | 2624 | 2627 | 2629 | rBV4 | 1150   | 1345   | 0.15%   | 0.019%  |
| 86  | 18.503 | 2634 | 2638 | 2640 | rVV4 | 5215   | 5555   | 0.62%   | 0.077%  |
| 87  | 18.880 | 2701 | 2702 | 2705 | rVB3 | 2627   | 1743   | 0.19%   | 0.024%  |
| 88  | 18.909 | 2705 | 2707 | 2709 | rVB3 | 1610   | 1115   | 0.12%   | 0.015%  |
| 89  | 18.939 | 2709 | 2712 | 2713 | rBV2 | 1672   | 1865   | 0.21%   | 0.026%  |
| 90  | 18.992 | 2718 | 2721 | 2726 | rVV6 | 1753   | 2553   | 0.28%   | 0.035%  |
| 91  | 19.192 | 2752 | 2755 | 2758 | rBV2 | 5220   | 8184   | 0.91%   | 0.114%  |
| 92  | 19.268 | 2761 | 2768 | 2775 | rBV6 | 6798   | 14921  | 1.65%   | 0.207%  |
| 93  | 19.374 | 2782 | 2786 | 2791 | rBV4 | 13119  | 24994  | 2.77%   | 0.347%  |
| 94  | 19.509 | 2806 | 2809 | 2812 | rVB5 | 4090   | 4982   | 0.55%   | 0.069%  |
| 95  | 19.633 | 2824 | 2830 | 2841 | rBV  | 634215 | 817442 | 90.63%  | 11.358% |
| 96  | 20.109 | 2907 | 2911 | 2913 | rBV3 | 5471   | 5595   | 0.62%   | 0.078%  |
| 97  | 21.086 | 3073 | 3077 | 3089 | rBV  | 112235 | 185786 | 20.60%  | 2.581%  |
| 98  | 21.421 | 3129 | 3134 | 3142 | rBV2 | 237096 | 348106 | 38.59%  | 4.837%  |
| 99  | 23.627 | 3502 | 3509 | 3524 | rBV  | 436902 | 902002 | 100.00% | 12.533% |
| 100 | 23.780 | 3530 | 3535 | 3545 | rVB  | 181437 | 373327 | 41.39%  | 5.187%  |

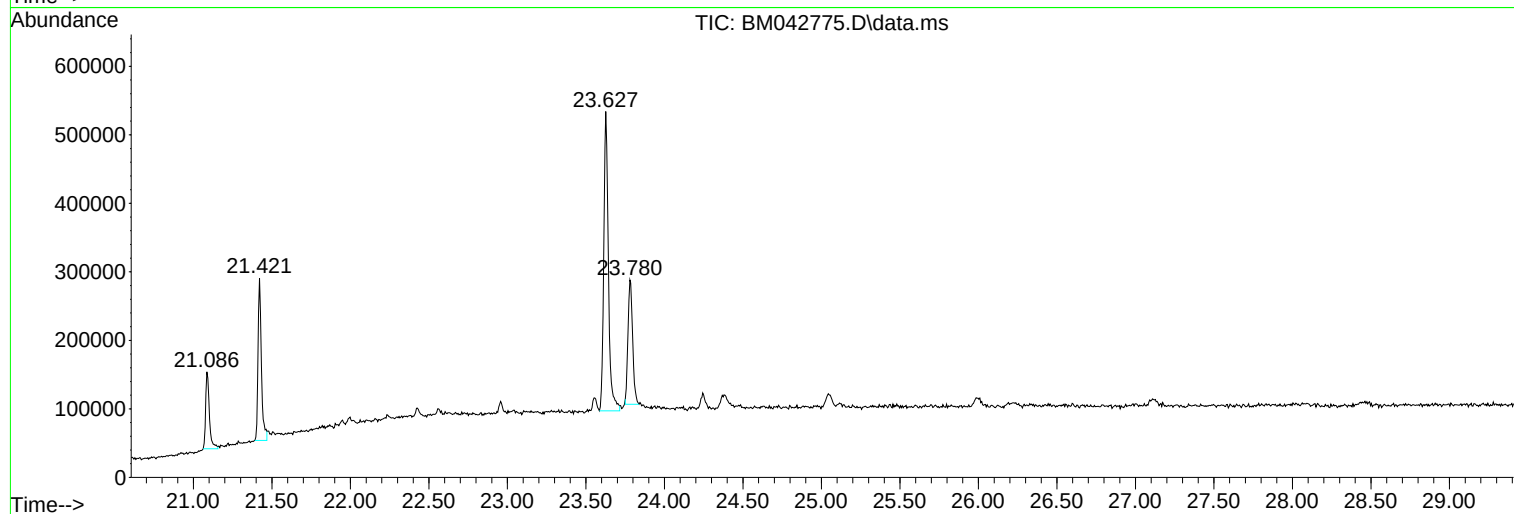
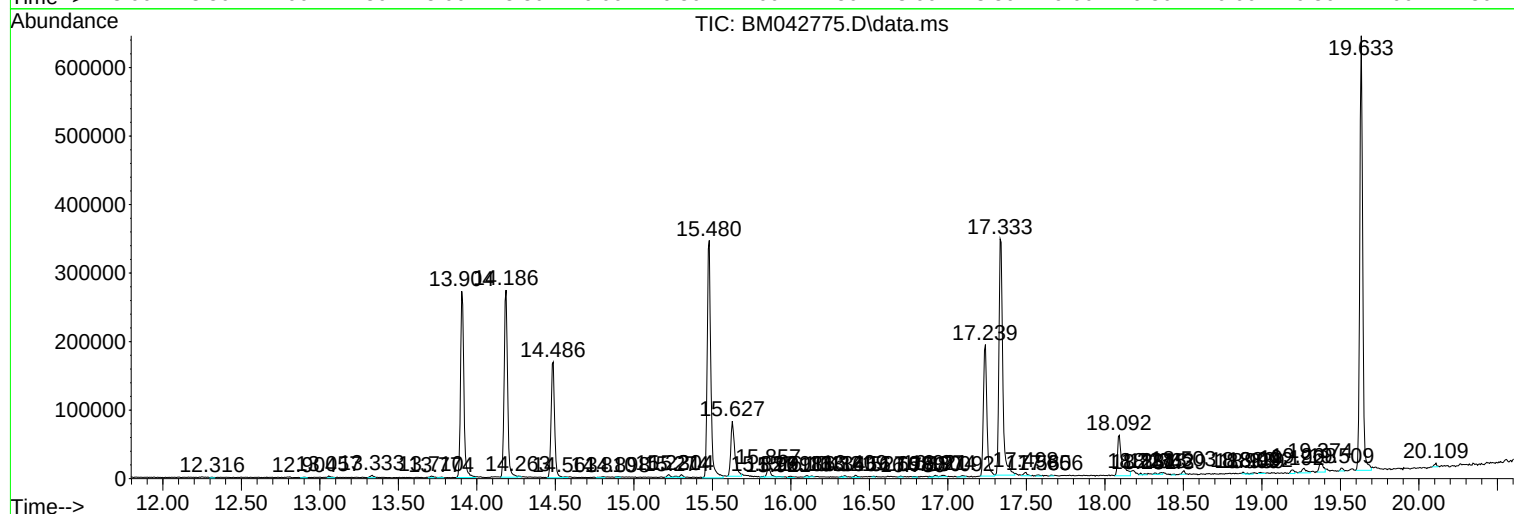
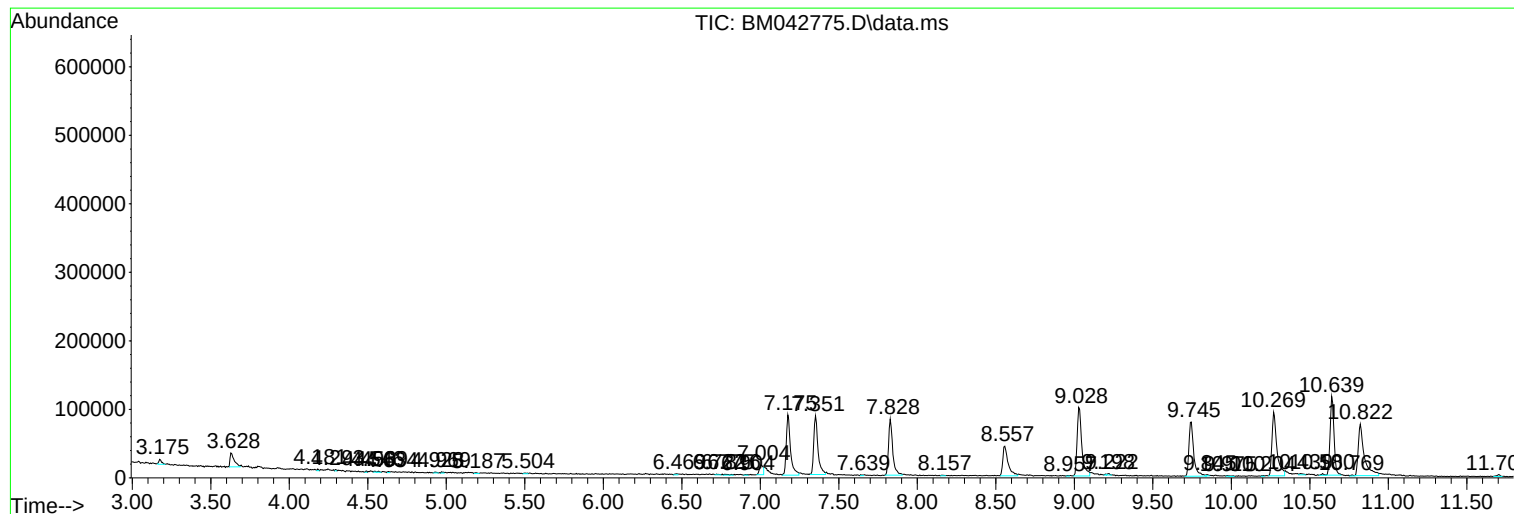
Sum of corrected areas: 7196902

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
Quant Title : SVOA CALIBRATION

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



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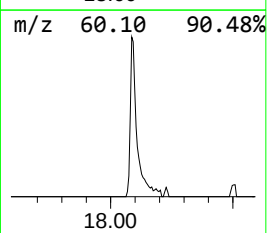
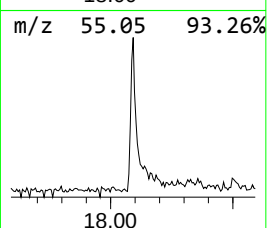
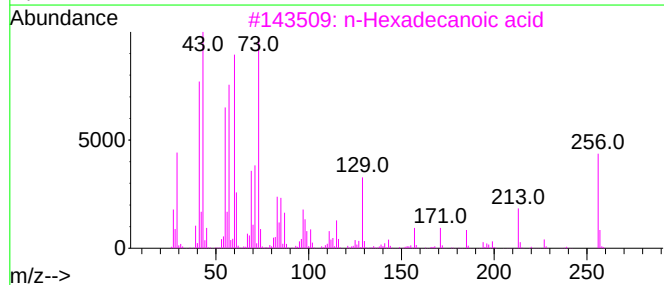
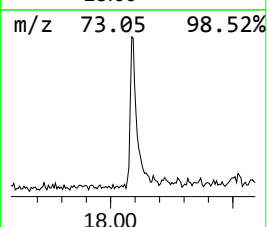
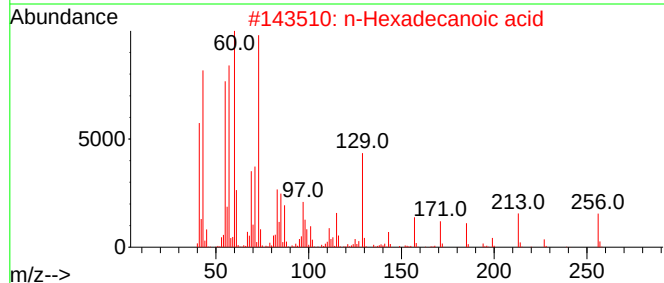
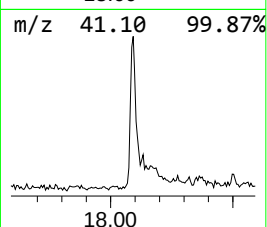
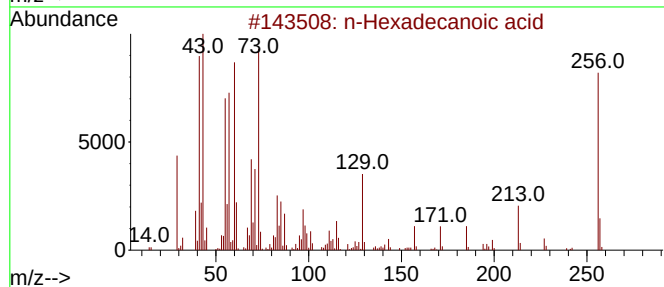
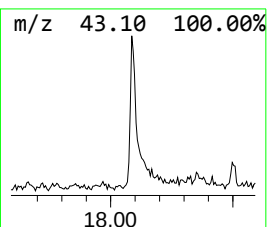
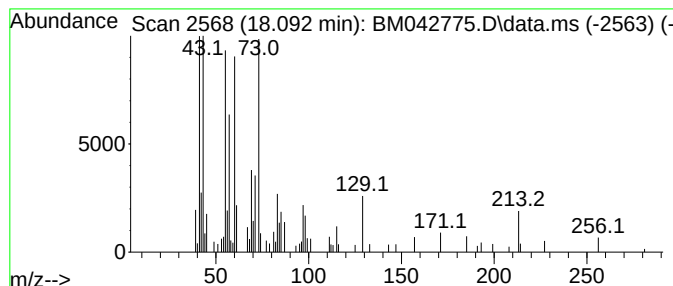
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.092 | 7.92 ng/ul | 117051 | Phenanthrene-d10 | 17.239 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 87   |



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Quant Title : SVOA CALIBRATION

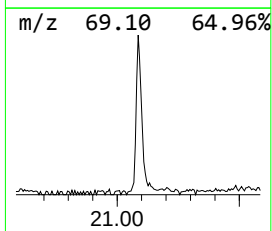
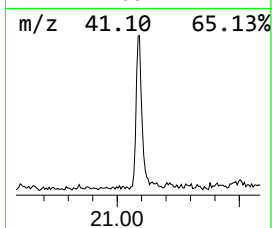
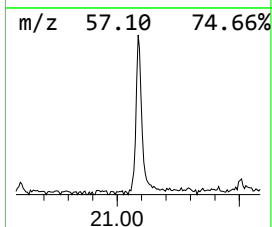
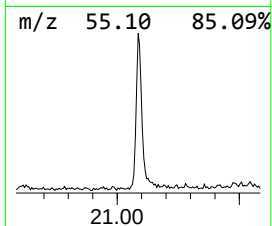
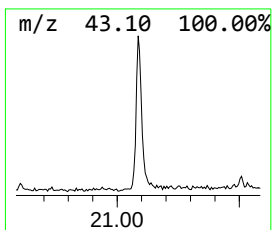
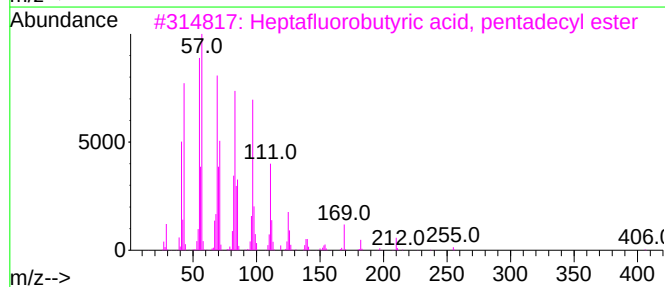
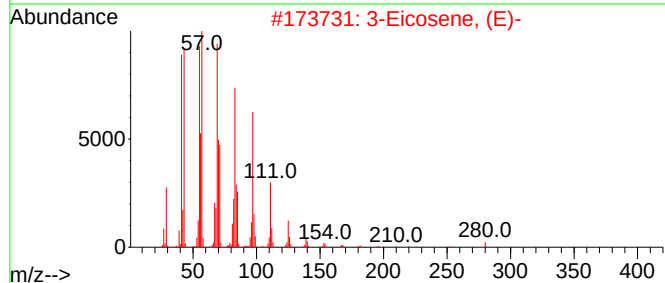
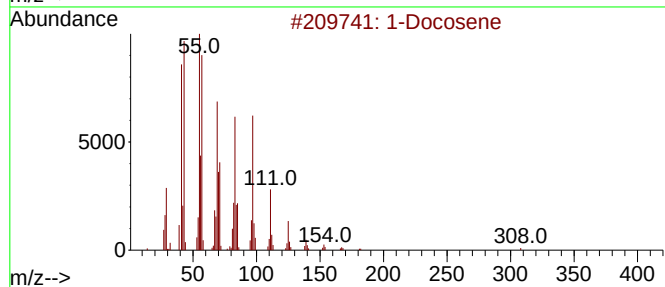
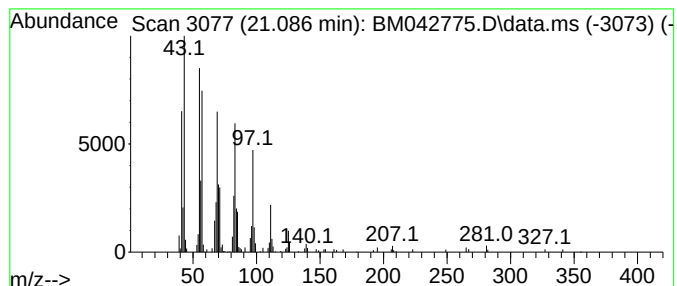
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 21.086 | 10.67 ng/ul | 185786 | Chrysene-d12     | 21.421 |

| Hit# | of 5                                | Tentative ID   | MW         | MolForm     | CAS#        | Qual |
|------|-------------------------------------|----------------|------------|-------------|-------------|------|
| 1    | 1                                   | Docosene       | 308        | C22H44      | 001599-67-3 | 95   |
| 2    | 3                                   | Eicosene, (E)- | 280        | C20H40      | 074685-33-9 | 95   |
| 3    | Heptafluorobutyric acid, pentade... | 424            | C19H31F7O2 | 959261-23-5 | 94          |      |
| 4    | 9-Eicosene, (E)-                    | 280            | C20H40     | 074685-29-3 | 94          |      |
| 5    | 1-Heneicosanol                      | 312            | C21H44O    | 015594-90-8 | 94          |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
Data File : BM042775.D  
Acq On : 15 Nov 2023 19:06  
Operator : MA/JU  
Sample : 05057-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A48Z7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.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 |
| n-Hexadecanoic ... | 18.092 | 7.9     | ng/u1 | 117051   | 4                     | 17.239 | 295668 | 20.0 |
| (DEL) Alkane: S... | 21.086 | 10.7    | ng/u1 | 185786   | 5                     | 21.421 | 348106 | 20.0 |