

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032449.D  
 Acq On : 12 Oct 2021 09:16  
 Operator : CG/JU  
 Sample : M4029-14  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00S5

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-BM100521.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM032449.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         | 2.954       | 17            | 20          | 28           | rVB      | 15848          | 25654         | 0.55%           | 0.048%        |
| 2         | 3.396       | 92            | 95          | 105          | rBV2     | 67545          | 111463        | 2.39%           | 0.208%        |
| 3         | 3.501       | 109           | 113         | 119          | rVB      | 32400          | 44158         | 0.95%           | 0.083%        |
| 4         | 3.578       | 124           | 126         | 131          | rVB4     | 5632           | 6941          | 0.15%           | 0.013%        |
| 5         | 3.649       | 132           | 138         | 147          | rVB      | 35133          | 63990         | 1.37%           | 0.120%        |
| 6         | 3.737       | 149           | 153         | 159          | rVB      | 15207          | 21528         | 0.46%           | 0.040%        |
| 7         | 3.984       | 192           | 195         | 203          | rVB3     | 8110           | 13047         | 0.28%           | 0.024%        |
| 8         | 4.131       | 215           | 220         | 222          | rBV5     | 6112           | 9100          | 0.20%           | 0.017%        |
| 9         | 4.313       | 248           | 251         | 256          | rVB6     | 3994           | 6336          | 0.14%           | 0.012%        |
| 10        | 4.413       | 266           | 268         | 272          | rVB5     | 6309           | 5851          | 0.13%           | 0.011%        |
| 11        | 4.690       | 310           | 315         | 327          | rVB2     | 14858          | 27484         | 0.59%           | 0.051%        |
| 12        | 4.790       | 328           | 332         | 336          | rVB7     | 4479           | 7254          | 0.16%           | 0.014%        |
| 13        | 5.590       | 462           | 468         | 471          | rBV3     | 7400           | 11271         | 0.24%           | 0.021%        |
| 14        | 5.625       | 472           | 474         | 479          | rVB4     | 5671           | 6824          | 0.15%           | 0.013%        |
| 15        | 5.807       | 499           | 505         | 509          | rBV8     | 2572           | 5248          | 0.11%           | 0.010%        |
| 16        | 6.625       | 640           | 644         | 650          | rVB9     | 3512           | 6060          | 0.13%           | 0.011%        |
| 17        | 6.742       | 658           | 664         | 668          | rBV      | 41993          | 68065         | 1.46%           | 0.127%        |
| 18        | 6.801       | 668           | 674         | 688          | rVV      | 560940         | 911434        | 19.58%          | 1.703%        |
| 19        | 6.937       | 691           | 697         | 709          | rVV      | 455281         | 677827        | 14.56%          | 1.267%        |
| 20        | 7.031       | 711           | 713         | 721          | rVB8     | 3691           | 6885          | 0.15%           | 0.013%        |
| 21        | 7.148       | 726           | 733         | 742          | rBV      | 561641         | 842595        | 18.10%          | 1.574%        |
| 22        | 7.254       | 747           | 751         | 757          | rVB3     | 10877          | 18497         | 0.40%           | 0.035%        |
| 23        | 7.436       | 777           | 782         | 786          | rBV5     | 3687           | 5664          | 0.12%           | 0.011%        |
| 24        | 7.607       | 804           | 811         | 823          | rBV      | 956824         | 1489690       | 32.00%          | 2.784%        |
| 25        | 7.854       | 850           | 853         | 862          | rVB7     | 7680           | 15319         | 0.33%           | 0.029%        |
| 26        | 8.060       | 880           | 888         | 889          | rBV6     | 3943           | 6651          | 0.14%           | 0.012%        |
| 27        | 8.172       | 902           | 907         | 912          | rBV5     | 4855           | 8450          | 0.18%           | 0.016%        |
| 28        | 8.336       | 927           | 935         | 945          | rBV      | 618700         | 961196        | 20.65%          | 1.796%        |
| 29        | 8.425       | 945           | 950         | 961          | rVB      | 143848         | 240016        | 5.16%           | 0.448%        |
| 30        | 8.578       | 973           | 976         | 977          | rBV3     | 4888           | 5247          | 0.11%           | 0.010%        |
| 31        | 8.760       | 1001          | 1007        | 1018         | rBV      | 524372         | 849276        | 18.25%          | 1.587%        |
| 32        | 8.878       | 1021          | 1027        | 1031         | rVB2     | 8060           | 16035         | 0.34%           | 0.030%        |
| 33        | 9.489       | 1124          | 1131        | 1146         | rBV      | 438617         | 730671        | 15.70%          | 1.365%        |
| 34        | 9.666       | 1154          | 1161        | 1171         | rBV      | 38088          | 69077         | 1.48%           | 0.129%        |
| 35        | 9.842       | 1186          | 1191        | 1198         | rVB      | 29792          | 49973         | 1.07%           | 0.093%        |
| 36        | 10.030      | 1217          | 1223        | 1235         | rVV      | 753748         | 1186543       | 25.49%          | 2.217%        |

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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-BM100521.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.177 | 1242 | 1248 | 1254 | rBV  | 73391   | 111373  | 2.39%  | 0.208% |
| 38 | 10.401 | 1277 | 1286 | 1300 | rBV  | 1391942 | 2287560 | 49.14% | 4.275% |
| 39 | 10.536 | 1301 | 1309 | 1324 | rBV  | 711963  | 1220299 | 26.22% | 2.280% |
| 40 | 10.930 | 1369 | 1376 | 1383 | rBV6 | 18673   | 35160   | 0.76%  | 0.066% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 11.172 | 1412 | 1417 | 1426 | rVB  | 21790 | 40980 | 0.88% | 0.077% |
| 42 | 11.754 | 1511 | 1516 | 1519 | rVB4 | 6381  | 9416  | 0.20% | 0.018% |
| 43 | 11.924 | 1542 | 1545 | 1549 | rBV3 | 4788  | 7807  | 0.17% | 0.015% |
| 44 | 11.983 | 1549 | 1555 | 1561 | rVV7 | 9560  | 18265 | 0.39% | 0.034% |
| 45 | 12.613 | 1657 | 1662 | 1666 | rBV5 | 2831  | 5409  | 0.12% | 0.010% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 46 | 12.671 | 1668 | 1672 | 1678 | rVB6 | 4704 | 8004 | 0.17% | 0.015% |
| 47 | 12.860 | 1698 | 1704 | 1708 | rVB7 | 4403 | 7219 | 0.16% | 0.013% |
| 48 | 13.089 | 1740 | 1743 | 1748 | rVB5 | 5630 | 8487 | 0.18% | 0.016% |
| 49 | 13.218 | 1761 | 1765 | 1769 | rBV5 | 3560 | 5442 | 0.12% | 0.010% |
| 50 | 13.571 | 1821 | 1825 | 1832 | rBV8 | 4017 | 5885 | 0.13% | 0.011% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 13.660 | 1833 | 1840 | 1853 | rBV  | 1621783 | 2189426 | 47.04% | 4.091% |
| 52 | 13.948 | 1883 | 1889 | 1897 | rVV  | 1771471 | 2486063 | 53.41% | 4.645% |
| 53 | 14.071 | 1907 | 1910 | 1914 | rBV5 | 4597    | 5868    | 0.13%  | 0.011% |
| 54 | 14.165 | 1922 | 1926 | 1930 | rVB5 | 6015    | 8890    | 0.19%  | 0.017% |
| 55 | 14.260 | 1934 | 1942 | 1951 | rBV  | 2300401 | 3286148 | 70.60% | 6.140% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 14.465 | 1970 | 1977 | 1995 | rBV  | 626382 | 933984 | 20.06% | 1.745% |
| 57 | 14.601 | 1995 | 2000 | 2007 | rVV7 | 9924   | 21220  | 0.46%  | 0.040% |
| 58 | 14.683 | 2007 | 2014 | 2019 | rVV2 | 55578  | 84907  | 1.82%  | 0.159% |
| 59 | 15.065 | 2075 | 2079 | 2084 | rBV4 | 4286   | 5957   | 0.13%  | 0.011% |
| 60 | 15.112 | 2084 | 2087 | 2091 | rVB3 | 4118   | 5111   | 0.11%  | 0.010% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 61 | 15.248 | 2103 | 2110 | 2123 | rBV  | 2340283 | 3273780 | 70.33% | 6.117% |
| 62 | 15.365 | 2124 | 2130 | 2144 | rVV  | 596961  | 840998  | 18.07% | 1.571% |
| 63 | 15.483 | 2146 | 2150 | 2161 | rVB  | 30757   | 46915   | 1.01%  | 0.088% |
| 64 | 15.818 | 2204 | 2207 | 2214 | rVB8 | 6283    | 11461   | 0.25%  | 0.021% |
| 65 | 15.924 | 2220 | 2225 | 2231 | rBV  | 109279  | 161144  | 3.46%  | 0.301% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 15.971 | 2231 | 2233 | 2237 | rVV4 | 7514  | 9555  | 0.21% | 0.018% |
| 67 | 16.036 | 2239 | 2244 | 2247 | rVB6 | 5840  | 9052  | 0.19% | 0.017% |
| 68 | 16.130 | 2255 | 2260 | 2265 | rVB8 | 2935  | 6107  | 0.13% | 0.011% |
| 69 | 16.242 | 2275 | 2279 | 2284 | rVB5 | 3933  | 4974  | 0.11% | 0.009% |
| 70 | 16.530 | 2324 | 2328 | 2334 | rVB  | 19064 | 23983 | 0.52% | 0.045% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 16.771 | 2364 | 2369 | 2374 | rBV2 | 9752    | 15602   | 0.34%  | 0.029% |
| 72 | 16.983 | 2399 | 2405 | 2415 | rBV  | 2927248 | 4022742 | 86.42% | 7.517% |
| 73 | 17.083 | 2416 | 2422 | 2434 | rVV  | 2629160 | 3589125 | 77.11% | 6.707% |
| 74 | 17.177 | 2434 | 2438 | 2444 | rVB4 | 35450   | 48964   | 1.05%  | 0.091% |
| 75 | 17.359 | 2464 | 2469 | 2470 | rBV3 | 6215    | 7182    | 0.15%  | 0.013% |

|    |        |      |      |      |     |       |       |       |        |
|----|--------|------|------|------|-----|-------|-------|-------|--------|
| 76 | 17.383 | 2470 | 2473 | 2480 | rVB | 22231 | 30176 | 0.65% | 0.056% |
|----|--------|------|------|------|-----|-------|-------|-------|--------|

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 C00S5

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

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
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|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 17.477 | 2486 | 2489 | 2492 | rBV4 | 5700    | 6224    | 0.13%   | 0.012% |
| 78  | 17.653 | 2514 | 2519 | 2522 | rBV4 | 20133   | 26192   | 0.56%   | 0.049% |
| 79  | 17.748 | 2530 | 2535 | 2537 | rBV2 | 6948    | 9314    | 0.20%   | 0.017% |
| 80  | 17.871 | 2550 | 2556 | 2559 | rBV3 | 39608   | 51079   | 1.10%   | 0.095% |
| 81  | 17.936 | 2563 | 2567 | 2572 | rVB  | 44707   | 56295   | 1.21%   | 0.105% |
| 82  | 18.042 | 2580 | 2585 | 2587 | rBV5 | 4594    | 6281    | 0.13%   | 0.012% |
| 83  | 18.353 | 2635 | 2638 | 2642 | rVB5 | 7542    | 9052    | 0.19%   | 0.017% |
| 84  | 18.442 | 2649 | 2653 | 2658 | rVB  | 33858   | 44436   | 0.95%   | 0.083% |
| 85  | 18.665 | 2686 | 2691 | 2695 | rBV  | 41744   | 57416   | 1.23%   | 0.107% |
| 86  | 18.718 | 2698 | 2700 | 2706 | rVB4 | 9254    | 10790   | 0.23%   | 0.020% |
| 87  | 18.765 | 2706 | 2708 | 2712 | rBV5 | 6833    | 11087   | 0.24%   | 0.021% |
| 88  | 18.924 | 2722 | 2735 | 2743 | rBV6 | 78450   | 271462  | 5.83%   | 0.507% |
| 89  | 19.000 | 2745 | 2748 | 2751 | rVV  | 13140   | 17205   | 0.37%   | 0.032% |
| 90  | 19.036 | 2751 | 2754 | 2757 | rVB2 | 17958   | 22850   | 0.49%   | 0.043% |
| 91  | 19.153 | 2771 | 2774 | 2777 | rBV5 | 4909    | 6418    | 0.14%   | 0.012% |
| 92  | 19.259 | 2789 | 2792 | 2795 | rVB  | 16166   | 18005   | 0.39%   | 0.034% |
| 93  | 19.371 | 2805 | 2811 | 2824 | rBV  | 3359543 | 4433293 | 95.24%  | 8.284% |
| 94  | 19.530 | 2836 | 2838 | 2841 | rBV2 | 12366   | 13959   | 0.30%   | 0.026% |
| 95  | 21.147 | 3108 | 3113 | 3119 | rBV  | 3664525 | 4543363 | 97.61%  | 8.490% |
| 96  | 22.612 | 3359 | 3362 | 3366 | rVB  | 206535  | 260855  | 5.60%   | 0.487% |
| 97  | 23.159 | 3447 | 3455 | 3466 | rVB  | 2507977 | 4654797 | 100.00% | 8.698% |
| 98  | 23.294 | 3472 | 3478 | 3488 | rVB2 | 2550399 | 4505969 | 96.80%  | 8.420% |
| 99  | 23.724 | 3547 | 3551 | 3559 | rVB  | 303528  | 514039  | 11.04%  | 0.961% |
| 100 | 24.400 | 3662 | 3666 | 3673 | rVB  | 282775  | 533981  | 11.47%  | 0.998% |

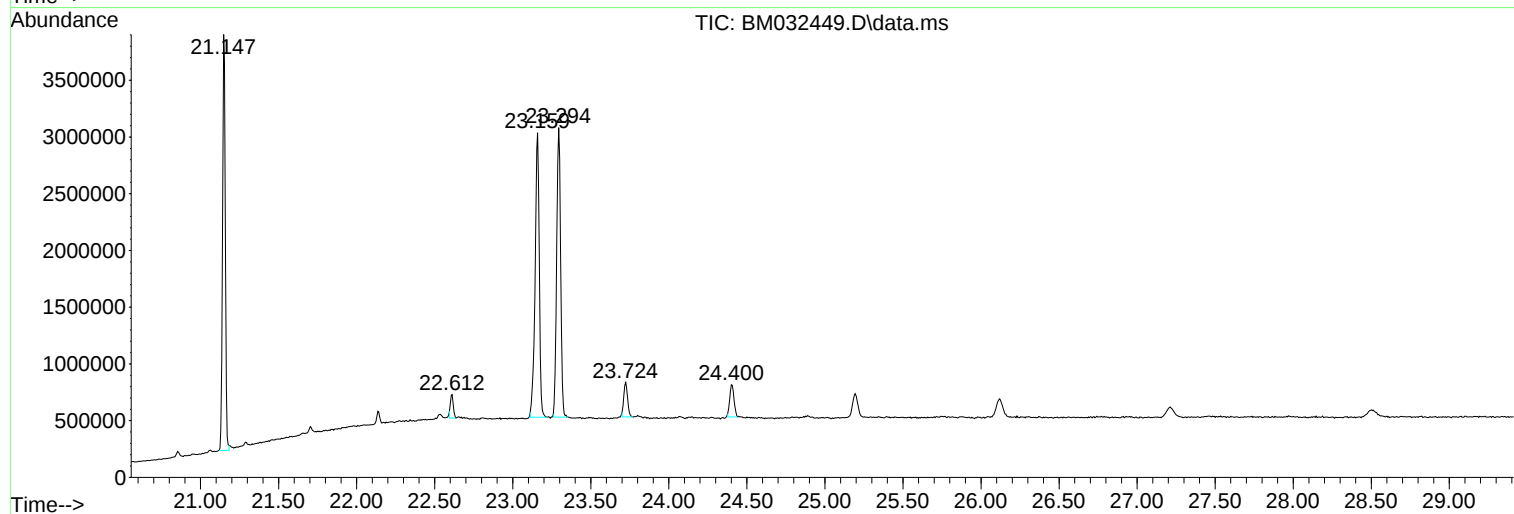
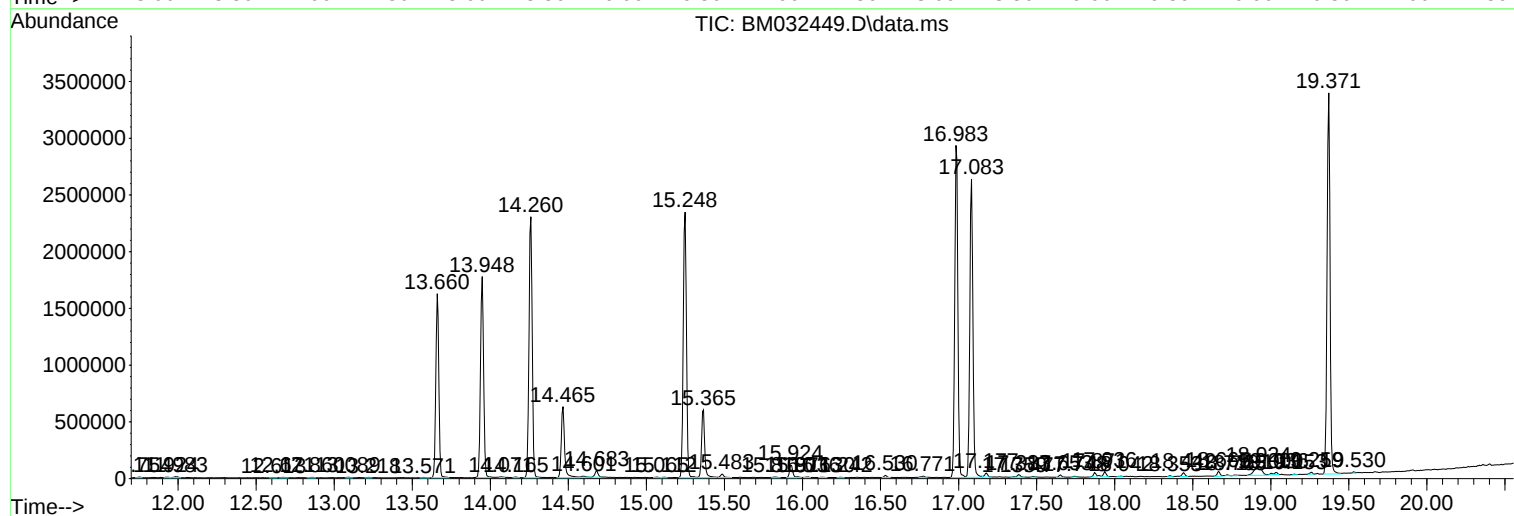
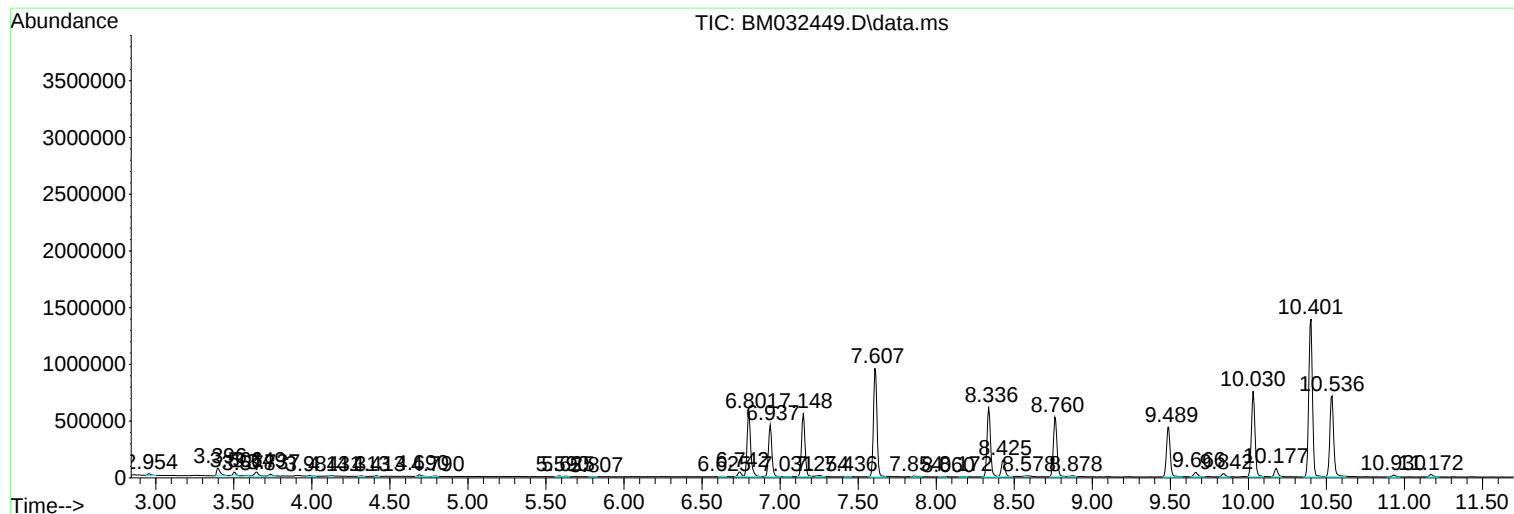
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
Quant Title : SVOA CALIBRATION

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



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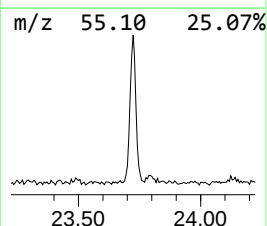
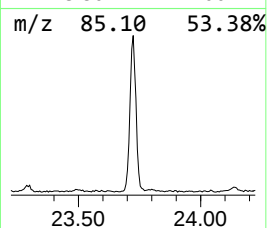
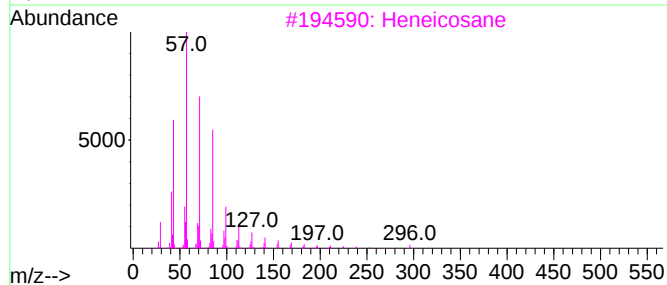
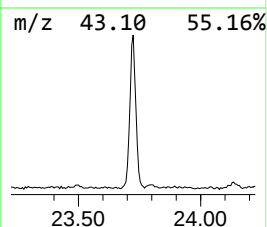
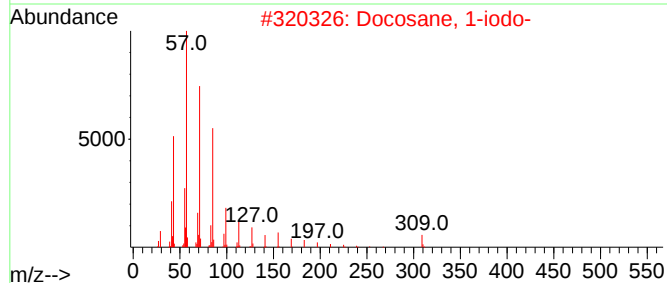
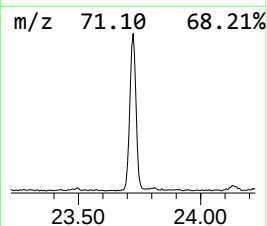
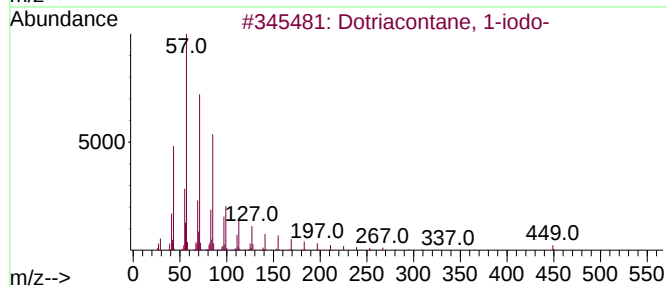
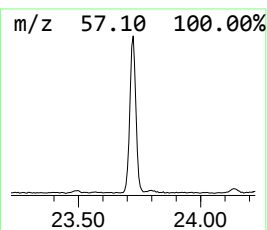
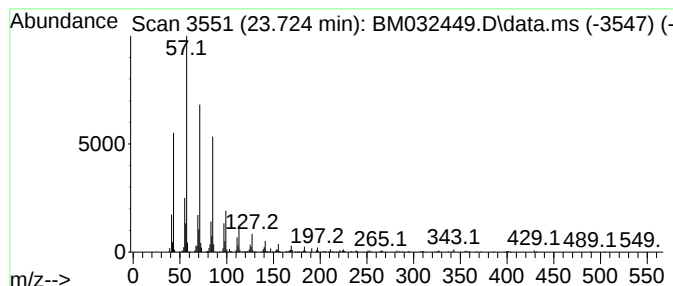
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Dotriacontane, 1-iodo- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.724 | 2.28 ng/ul | 514039 | Perylene-d12     | 23.294 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90   |
| 2    |      | Docosane, 1-iodo-      | 436 | C22H45I | 1000406-31-9 | 90   |
| 3    |      | Heneicosane            | 296 | C21H44  | 000629-94-7  | 90   |
| 4    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 90   |
| 5    |      | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1  | 90   |



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Quant Title : SVOA CALIBRATION

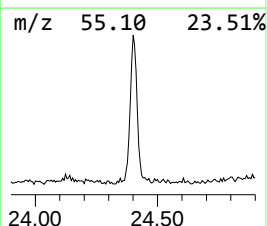
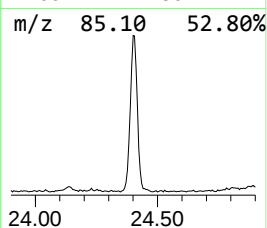
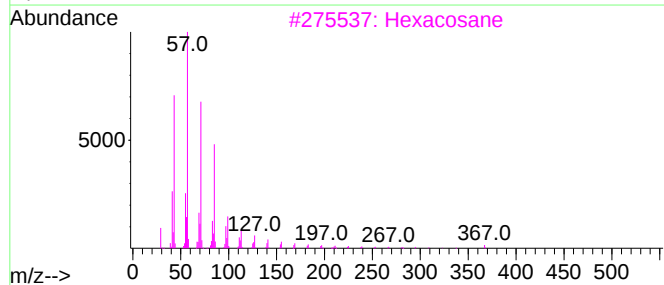
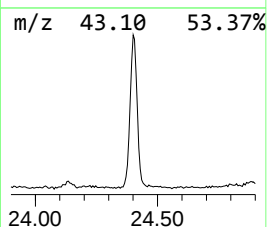
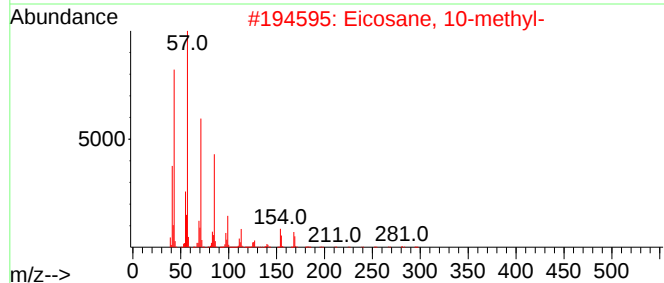
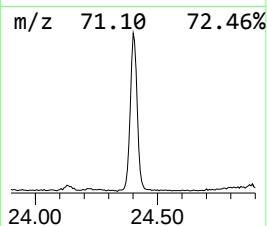
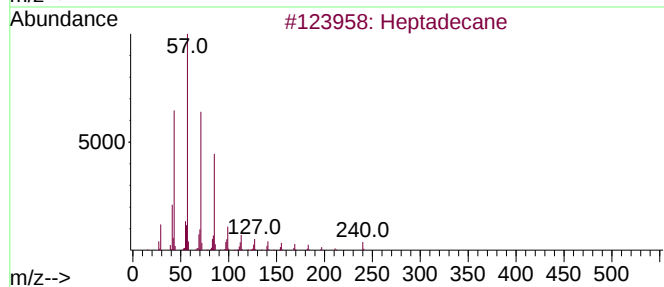
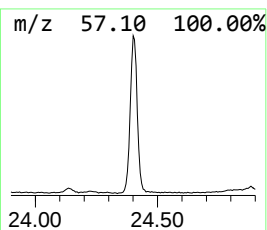
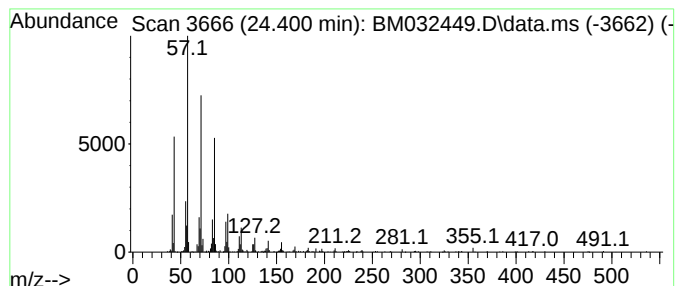
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.400 | 2.37 ng/ul | 533981 | Perylene-d12     | 23.294 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Heptadecane            | 240 | C17H36  | 000629-78-7  | 94   |
| 2    |    |   | Eicosane, 10-methyl-   | 296 | C21H44  | 054833-23-7  | 93   |
| 3    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 90   |
| 4    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90   |
| 5    |    |   | Tetracosane            | 338 | C24H50  | 000646-31-1  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
Data File : BM032449.D  
Acq On : 12 Oct 2021 09:16  
Operator : CG/JU  
Sample : M4029-14  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C00S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.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 |
| Dotriacontane, ... | 23.724 | 2.3     | ng/u1 | 514039   | 6                     | 23.294 | 4505970 | 20.0 |
| (DEL) Alkane: S... | 24.400 | 2.4     | ng/u1 | 533981   | 6                     | 23.294 | 4505970 | 20.0 |