

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023507.D  
 Acq On : 18 Dec 2024 21:03  
 Operator : RC/JU  
 Sample : P5235-08 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AT7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP023507.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         | 3.093       | 14            | 18          | 20           | rBV      | 54338          | 64117         | 0.92%           | 0.097%        |
| 2         | 3.128       | 20            | 24          | 35           | rVB      | 339255         | 419112        | 6.04%           | 0.637%        |
| 3         | 3.428       | 71            | 75          | 84           | rVB      | 28838          | 41126         | 0.59%           | 0.062%        |
| 4         | 3.517       | 87            | 90          | 117          | rVB2     | 198181         | 475170        | 6.85%           | 0.722%        |
| 5         | 3.793       | 132           | 137         | 145          | rVB2     | 54264          | 94481         | 1.36%           | 0.144%        |
| 6         | 3.917       | 155           | 158         | 162          | rBV      | 14609          | 24371         | 0.35%           | 0.037%        |
| 7         | 4.064       | 179           | 183         | 189          | rVB      | 64340          | 80855         | 1.17%           | 0.123%        |
| 8         | 4.134       | 193           | 195         | 199          | rVB5     | 7651           | 8727          | 0.13%           | 0.013%        |
| 9         | 4.240       | 209           | 213         | 219          | rBV      | 97660          | 136210        | 1.96%           | 0.207%        |
| 10        | 4.311       | 220           | 225         | 235          | rVB      | 61558          | 93141         | 1.34%           | 0.141%        |
| 11        | 4.681       | 283           | 288         | 293          | rBV      | 147792         | 193901        | 2.79%           | 0.295%        |
| 12        | 4.728       | 293           | 296         | 308          | rVB      | 33648          | 67534         | 0.97%           | 0.103%        |
| 13        | 5.164       | 368           | 370         | 377          | rBV8     | 3780           | 7349          | 0.11%           | 0.011%        |
| 14        | 5.269       | 384           | 388         | 396          | rBV2     | 13019          | 25536         | 0.37%           | 0.039%        |
| 15        | 5.522       | 428           | 431         | 435          | rBV2     | 9881           | 15260         | 0.22%           | 0.023%        |
| 16        | 5.634       | 446           | 450         | 454          | rVB6     | 6442           | 9383          | 0.14%           | 0.014%        |
| 17        | 6.228       | 546           | 551         | 556          | rBV9     | 4946           | 9462          | 0.14%           | 0.014%        |
| 18        | 6.434       | 581           | 586         | 593          | rBV3     | 24340          | 40785         | 0.59%           | 0.062%        |
| 19        | 6.675       | 624           | 627         | 632          | rVB6     | 4564           | 8077          | 0.12%           | 0.012%        |
| 20        | 6.752       | 634           | 640         | 656          | rVV      | 184840         | 433502        | 6.25%           | 0.659%        |
| 21        | 6.881       | 656           | 662         | 679          | rVV      | 723823         | 1236219       | 17.81%          | 1.878%        |
| 22        | 7.005       | 680           | 683         | 690          | rVV4     | 8450           | 14603         | 0.21%           | 0.022%        |
| 23        | 7.081       | 690           | 696         | 716          | rVV      | 772842         | 1312149       | 18.91%          | 1.993%        |
| 24        | 7.305       | 730           | 734         | 739          | rVV5     | 7843           | 14520         | 0.21%           | 0.022%        |
| 25        | 7.528       | 765           | 772         | 781          | rBV      | 740400         | 1336411       | 19.26%          | 2.030%        |
| 26        | 7.593       | 781           | 783         | 790          | rVB4     | 13803          | 26060         | 0.38%           | 0.040%        |
| 27        | 7.863       | 825           | 829         | 834          | rVB5     | 9438           | 14043         | 0.20%           | 0.021%        |
| 28        | 8.252       | 888           | 895         | 911          | rBV      | 544990         | 1208911       | 17.42%          | 1.836%        |
| 29        | 8.363       | 911           | 914         | 921          | rVV3     | 22616          | 44593         | 0.64%           | 0.068%        |
| 30        | 8.434       | 921           | 926         | 932          | rVB5     | 10151          | 20463         | 0.29%           | 0.031%        |
| 31        | 8.675       | 956           | 967         | 989          | rBV      | 792312         | 1475867       | 21.27%          | 2.242%        |
| 32        | 8.828       | 991           | 993         | 998          | rVV6     | 5731           | 7821          | 0.11%           | 0.012%        |
| 33        | 8.881       | 998           | 1002        | 1007         | rVV2     | 23837          | 37842         | 0.55%           | 0.057%        |
| 34        | 8.928       | 1007          | 1010        | 1013         | rVB      | 11685          | 14360         | 0.21%           | 0.022%        |
| 35        | 9.105       | 1036          | 1040        | 1046         | rVB7     | 9449           | 16546         | 0.24%           | 0.025%        |
| 36        | 9.246       | 1061          | 1064        | 1070         | rVB8     | 7493           | 12158         | 0.18%           | 0.018%        |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AT7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 9.381  | 1080 | 1087 | 1107 | rBV   | 677333  | 1264554 | 18.22% | 1.921% |
| 38 | 9.934  | 1172 | 1181 | 1209 | rBV2  | 1069430 | 2584667 | 37.25% | 3.926% |
| 39 | 10.222 | 1225 | 1230 | 1233 | rBV2  | 44533   | 72162   | 1.04%  | 0.110% |
| 40 | 10.275 | 1233 | 1239 | 1255 | rVB   | 916908  | 1762854 | 25.40% | 2.678% |
| 41 | 10.434 | 1259 | 1266 | 1283 | rBV   | 663739  | 1460395 | 21.05% | 2.218% |
| 42 | 10.810 | 1323 | 1330 | 1335 | rBV2  | 133410  | 253683  | 3.66%  | 0.385% |
| 43 | 10.869 | 1335 | 1340 | 1353 | rVV   | 193078  | 387555  | 5.58%  | 0.589% |
| 44 | 11.110 | 1375 | 1381 | 1386 | rBV2  | 118141  | 165417  | 2.38%  | 0.251% |
| 45 | 11.481 | 1440 | 1444 | 1449 | rBV3  | 14028   | 21833   | 0.31%  | 0.033% |
| 46 | 11.599 | 1460 | 1464 | 1469 | rVB8  | 5046    | 7788    | 0.11%  | 0.012% |
| 47 | 11.657 | 1469 | 1474 | 1480 | rBV7  | 7977    | 17307   | 0.25%  | 0.026% |
| 48 | 11.875 | 1507 | 1511 | 1519 | rVB3  | 13169   | 23497   | 0.34%  | 0.036% |
| 49 | 11.987 | 1522 | 1530 | 1543 | rBV2  | 29995   | 103193  | 1.49%  | 0.157% |
| 50 | 12.434 | 1600 | 1606 | 1611 | rVB10 | 6818    | 13600   | 0.20%  | 0.021% |
| 51 | 12.687 | 1639 | 1649 | 1656 | rBV6  | 44215   | 99001   | 1.43%  | 0.150% |
| 52 | 12.963 | 1686 | 1696 | 1701 | rBV   | 33058   | 66744   | 0.96%  | 0.101% |
| 53 | 13.028 | 1701 | 1707 | 1718 | rVV   | 88672   | 220585  | 3.18%  | 0.335% |
| 54 | 13.146 | 1721 | 1727 | 1737 | rVV2  | 43525   | 109873  | 1.58%  | 0.167% |
| 55 | 13.246 | 1741 | 1744 | 1748 | rVV4  | 14233   | 21176   | 0.31%  | 0.032% |
| 56 | 13.281 | 1748 | 1750 | 1756 | rVB7  | 7207    | 10054   | 0.14%  | 0.015% |
| 57 | 13.398 | 1764 | 1770 | 1776 | rVB7  | 9862    | 17548   | 0.25%  | 0.027% |
| 58 | 13.510 | 1784 | 1789 | 1791 | rBV6  | 5675    | 7988    | 0.12%  | 0.012% |
| 59 | 13.557 | 1791 | 1797 | 1809 | rVV   | 2351737 | 3042696 | 43.85% | 4.622% |
| 60 | 13.834 | 1830 | 1844 | 1859 | rBV   | 1947426 | 3313481 | 47.75% | 5.033% |
| 61 | 13.993 | 1866 | 1871 | 1886 | rBV   | 52443   | 113802  | 1.64%  | 0.173% |
| 62 | 14.145 | 1889 | 1897 | 1907 | rBV   | 1634120 | 2598963 | 37.45% | 3.948% |
| 63 | 14.275 | 1917 | 1919 | 1927 | rVB8  | 6002    | 11329   | 0.16%  | 0.017% |
| 64 | 14.481 | 1949 | 1954 | 1967 | rBV2  | 88011   | 315768  | 4.55%  | 0.480% |
| 65 | 14.757 | 1999 | 2001 | 2006 | rVB6  | 5357    | 7281    | 0.10%  | 0.011% |
| 66 | 14.957 | 2031 | 2035 | 2039 | rBV6  | 11463   | 15682   | 0.23%  | 0.024% |
| 67 | 15.010 | 2039 | 2044 | 2050 | rBV2  | 43216   | 93317   | 1.34%  | 0.142% |
| 68 | 15.151 | 2060 | 2068 | 2083 | rBV   | 2627994 | 4438487 | 63.96% | 6.742% |
| 69 | 15.316 | 2091 | 2096 | 2108 | rBV   | 912266  | 1565140 | 22.55% | 2.378% |
| 70 | 15.540 | 2128 | 2134 | 2140 | rBV   | 71318   | 100050  | 1.44%  | 0.152% |
| 71 | 16.475 | 2289 | 2293 | 2301 | rBV   | 13252   | 26001   | 0.37%  | 0.039% |
| 72 | 16.628 | 2314 | 2319 | 2323 | rBV8  | 4933    | 8772    | 0.13%  | 0.013% |
| 73 | 16.716 | 2327 | 2334 | 2335 | rBV7  | 5569    | 9642    | 0.14%  | 0.015% |
| 74 | 16.739 | 2335 | 2338 | 2345 | rVB2  | 12249   | 19526   | 0.28%  | 0.030% |
| 75 | 16.951 | 2367 | 2374 | 2385 | rBV2  | 2098512 | 3544063 | 51.07% | 5.384% |
| 76 | 17.057 | 2386 | 2392 | 2407 | rVB   | 3888287 | 5316114 | 76.61% | 8.075% |

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Sample : P5235-08 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 17.204 | 2414 | 2417 | 2421 | rBV6 | 8753    | 13969   | 0.20%   | 0.021%  |
| 78 | 17.634 | 2485 | 2490 | 2496 | rVB8 | 14424   | 30073   | 0.43%   | 0.046%  |
| 79 | 17.716 | 2501 | 2504 | 2509 | rBV2 | 10518   | 16469   | 0.24%   | 0.025%  |
| 80 | 17.816 | 2518 | 2521 | 2527 | rBV4 | 9722    | 17169   | 0.25%   | 0.026%  |
| 81 | 17.886 | 2528 | 2533 | 2541 | rBV  | 247404  | 379224  | 5.46%   | 0.576%  |
| 82 | 18.286 | 2598 | 2601 | 2607 | rBV2 | 12597   | 19656   | 0.28%   | 0.030%  |
| 83 | 18.981 | 2715 | 2719 | 2724 | rBV3 | 59851   | 79707   | 1.15%   | 0.121%  |
| 84 | 19.057 | 2728 | 2732 | 2737 | rBV  | 41130   | 67976   | 0.98%   | 0.103%  |
| 85 | 19.233 | 2757 | 2762 | 2774 | rBV2 | 93313   | 204301  | 2.94%   | 0.310%  |
| 86 | 19.433 | 2790 | 2796 | 2809 | rBV2 | 4423177 | 6939246 | 100.00% | 10.541% |
| 87 | 21.386 | 3122 | 3128 | 3139 | rBV2 | 2556461 | 4377517 | 63.08%  | 6.650%  |
| 88 | 24.345 | 3622 | 3631 | 3648 | rVB  | 2521372 | 6844877 | 98.64%  | 10.398% |
| 89 | 24.563 | 3660 | 3668 | 3686 | rVB  | 1646318 | 4567732 | 65.82%  | 6.939%  |

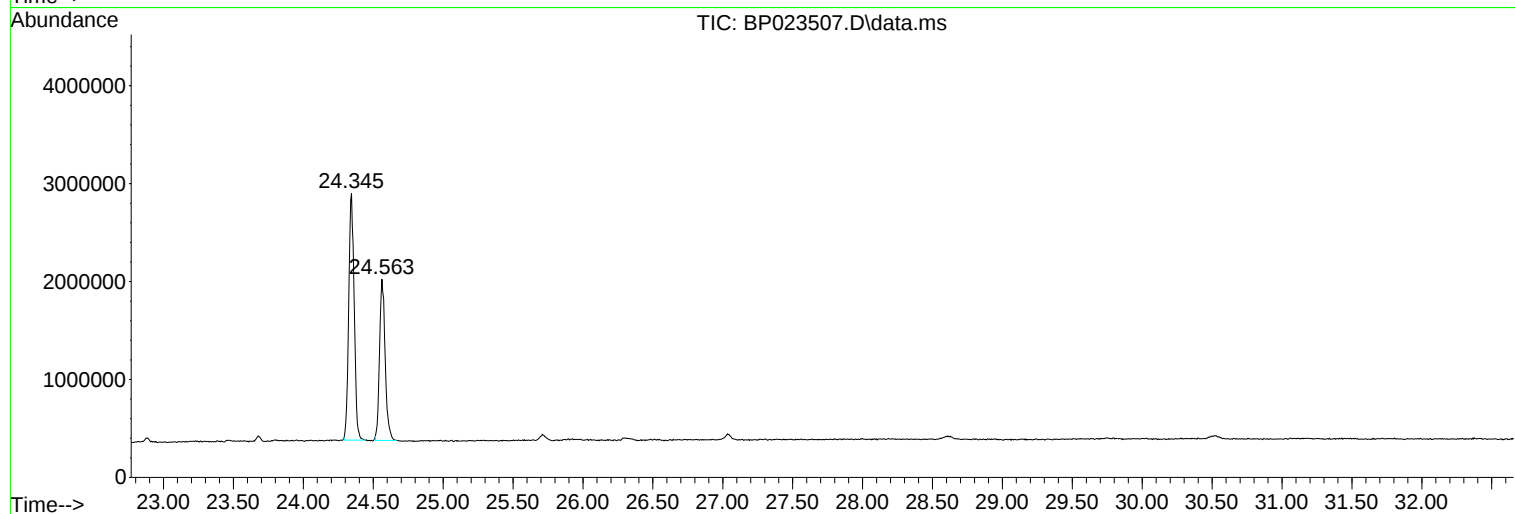
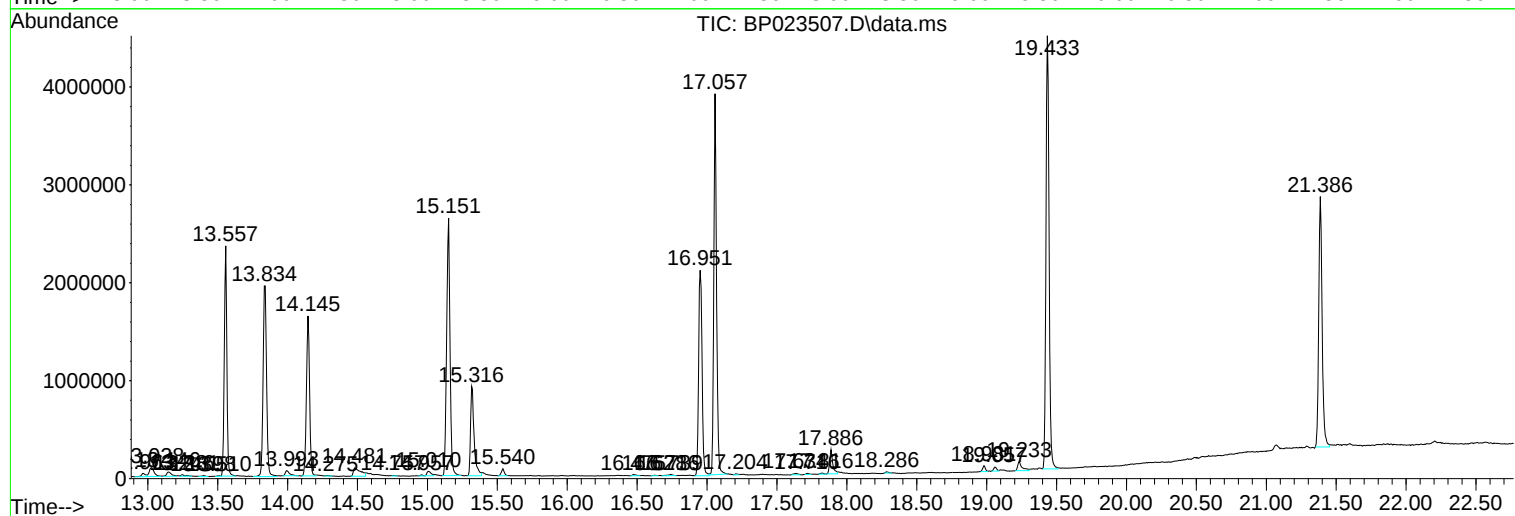
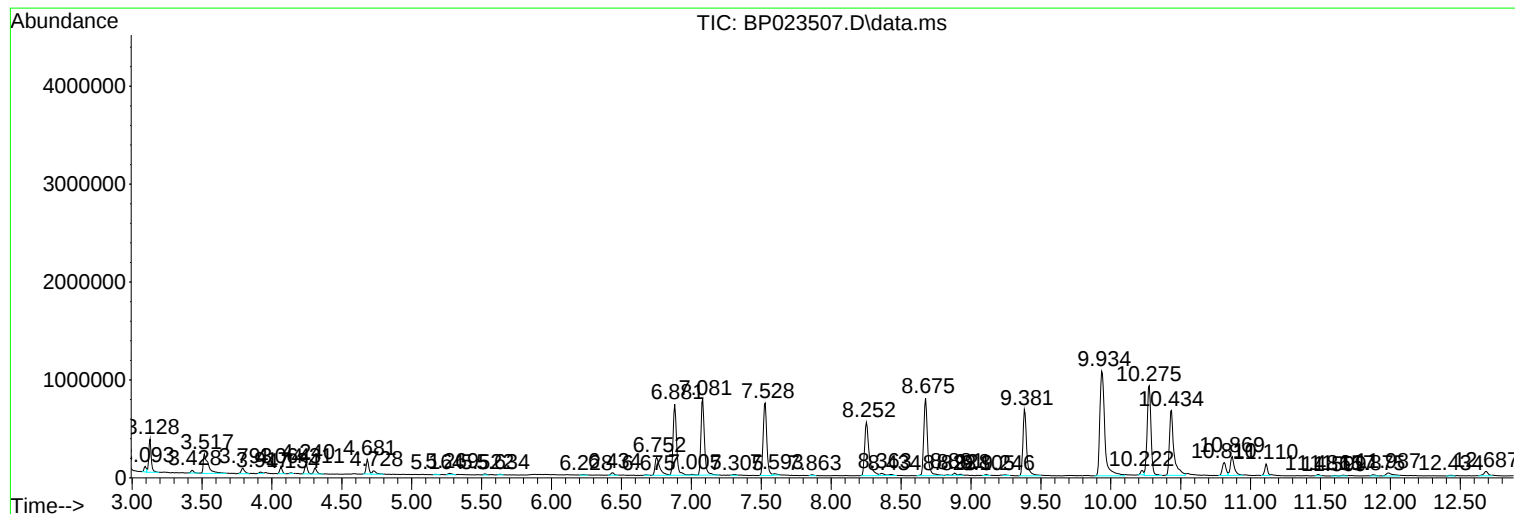
Sum of corrected areas: 65830169

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
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Sample : P5235-08 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023507.D  
Acq On : 18 Dec 2024 21:03  
Operator : RC/JU  
Sample : P5235-08 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

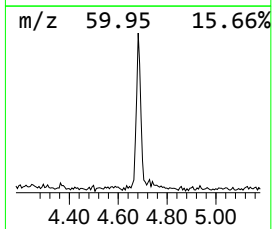
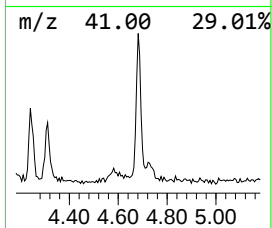
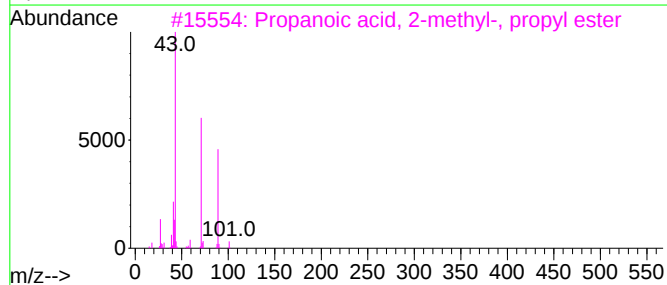
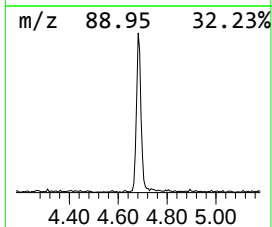
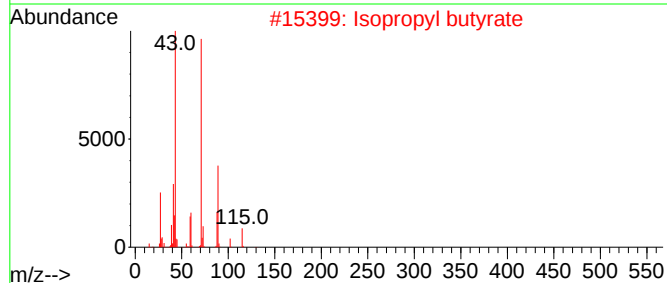
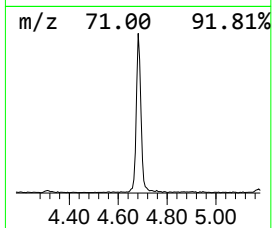
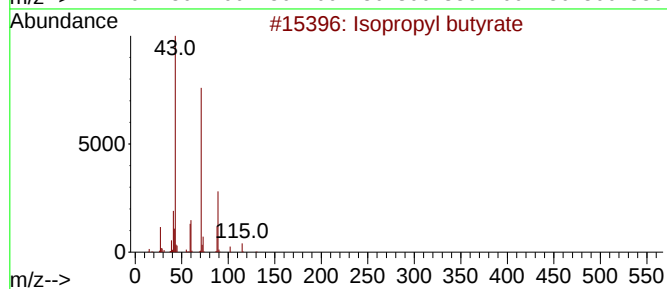
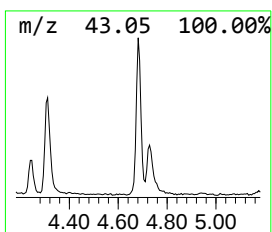
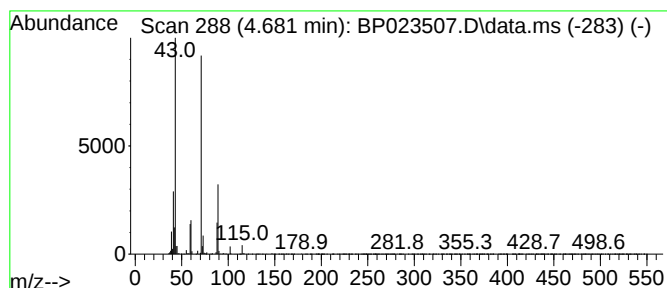
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Isopropyl butyrate Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.681 | 2.90 ng/ul | 193901 | 1,4-Dichlorobenzene-d4 | 7.528 |

| Hit# | of | 5 | Tentative ID                            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Isopropyl butyrate                      | 130 | C7H14O2 | 000638-11-9 | 90   |
| 2    |    |   | Isopropyl butyrate                      | 130 | C7H14O2 | 000638-11-9 | 90   |
| 3    |    |   | Propanoic acid, 2-methyl-, propyl ester | 130 | C7H14O2 | 000644-49-5 | 72   |
| 4    |    |   | Butanoic acid, pentyl ester             | 158 | C9H18O2 | 000540-18-1 | 64   |
| 5    |    |   | Butanoic acid, propyl ester             | 130 | C7H14O2 | 000105-66-8 | 56   |



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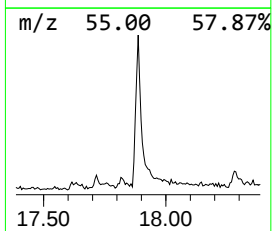
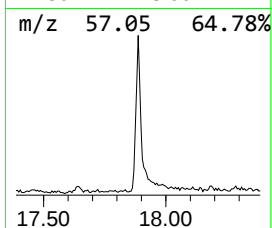
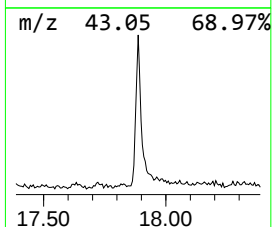
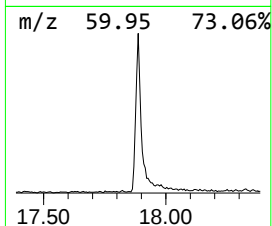
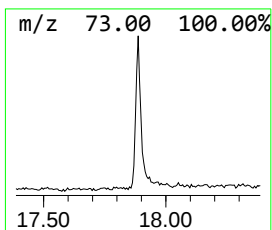
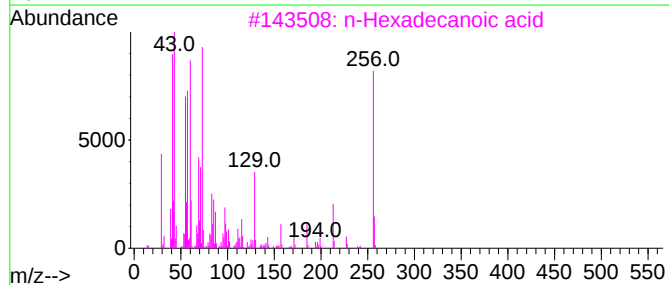
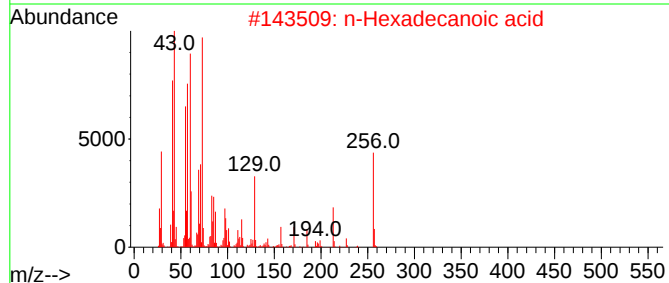
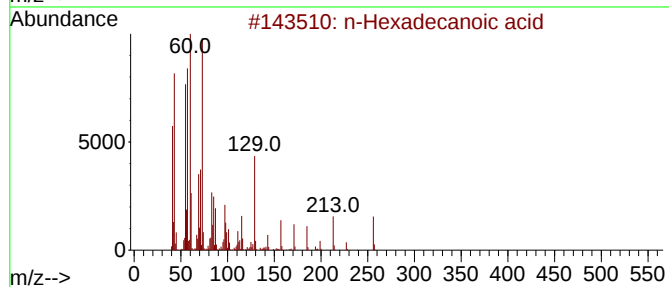
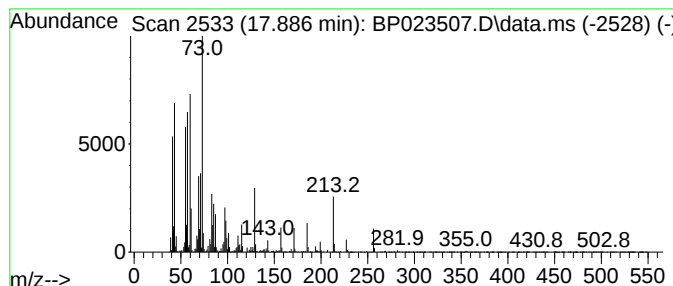
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.887 | 2.14 ng/ul | 379224 | Phenanthrene-d10 | 16.951 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |



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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 |
| Isopropyl butyrate | 4.681  | 2.9     | ng/ul | 193901   | 1                     | 7.528  | 1336410 | 20.0 |
| n-Hexadecanoic ... | 17.887 | 2.1     | ng/ul | 379224   | 4                     | 16.951 | 3544060 | 20.0 |