

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
 Data File : BP016368.D  
 Acq On : 26 Jul 2023 03:51  
 Operator : MA/JU  
 Sample : 03534-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4731

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-BP072523.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016368.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         | 3.428       | 20            | 24          | 31           | rVB      | 105008         | 136566        | 1.28%           | 0.115%        |
| 2         | 3.857       | 92            | 97          | 113          | rBV      | 1388868        | 2089703       | 19.56%          | 1.760%        |
| 3         | 3.981       | 114           | 118         | 122          | rBV      | 38641          | 50266         | 0.47%           | 0.042%        |
| 4         | 4.075       | 132           | 134         | 141          | rVB3     | 13473          | 23063         | 0.22%           | 0.019%        |
| 5         | 4.187       | 147           | 153         | 158          | rVB4     | 37281          | 68871         | 0.64%           | 0.058%        |
| 6         | 4.575       | 216           | 219         | 223          | rVB3     | 10820          | 14941         | 0.14%           | 0.013%        |
| 7         | 4.775       | 249           | 253         | 257          | rBV      | 37144          | 50288         | 0.47%           | 0.042%        |
| 8         | 4.828       | 258           | 262         | 268          | rVB      | 17049          | 27843         | 0.26%           | 0.023%        |
| 9         | 5.128       | 307           | 313         | 321          | rBV      | 16096          | 24418         | 0.23%           | 0.021%        |
| 10        | 5.234       | 327           | 331         | 336          | rBV4     | 12980          | 17543         | 0.16%           | 0.015%        |
| 11        | 5.416       | 358           | 362         | 366          | rBV4     | 9622           | 14787         | 0.14%           | 0.012%        |
| 12        | 6.357       | 518           | 522         | 527          | rBV8     | 8789           | 15297         | 0.14%           | 0.013%        |
| 13        | 6.657       | 569           | 573         | 577          | rBV4     | 12236          | 19539         | 0.18%           | 0.016%        |
| 14        | 7.010       | 626           | 633         | 637          | rBV4     | 11234          | 21216         | 0.20%           | 0.018%        |
| 15        | 7.222       | 661           | 669         | 680          | rBV      | 1883791        | 3005764       | 28.14%          | 2.531%        |
| 16        | 7.428       | 698           | 704         | 713          | rBV      | 1456815        | 2276124       | 21.31%          | 1.917%        |
| 17        | 7.610       | 728           | 735         | 746          | rBV      | 1807916        | 2825271       | 26.45%          | 2.379%        |
| 18        | 7.775       | 758           | 763         | 768          | rBV9     | 9520           | 17163         | 0.16%           | 0.014%        |
| 19        | 8.093       | 810           | 817         | 831          | rVB      | 1639046        | 2647301       | 24.78%          | 2.230%        |
| 20        | 8.787       | 924           | 935         | 944          | rBV      | 2278307        | 3659077       | 34.26%          | 3.082%        |
| 21        | 9.287       | 1012          | 1020        | 1032         | rBV      | 1714449        | 2786712       | 26.09%          | 2.347%        |
| 22        | 9.416       | 1036          | 1042        | 1049         | rVB9     | 13573          | 29572         | 0.28%           | 0.025%        |
| 23        | 9.545       | 1057          | 1064        | 1070         | rVB2     | 22118          | 37553         | 0.35%           | 0.032%        |
| 24        | 10.004      | 1131          | 1142        | 1154         | rBV      | 1213730        | 2017178       | 18.88%          | 1.699%        |
| 25        | 10.528      | 1222          | 1231        | 1246         | rBV      | 2299579        | 3803209       | 35.60%          | 3.203%        |
| 26        | 10.681      | 1251          | 1257        | 1262         | rVV8     | 10410          | 22495         | 0.21%           | 0.019%        |
| 27        | 10.763      | 1265          | 1271        | 1275         | rVB8     | 7272           | 13604         | 0.13%           | 0.011%        |
| 28        | 10.928      | 1291          | 1299        | 1306         | rBV      | 2477871        | 4059493       | 38.00%          | 3.419%        |
| 29        | 10.986      | 1307          | 1309        | 1316         | rVB4     | 13987          | 18254         | 0.17%           | 0.015%        |
| 30        | 11.075      | 1316          | 1324        | 1339         | rBV      | 2168190        | 3698483       | 34.62%          | 3.115%        |
| 31        | 11.657      | 1418          | 1423        | 1426         | rBV7     | 8524           | 15572         | 0.15%           | 0.013%        |
| 32        | 12.286      | 1526          | 1530        | 1533         | rBV5     | 9380           | 13338         | 0.12%           | 0.011%        |
| 33        | 12.392      | 1541          | 1548        | 1553         | rBV7     | 8737           | 19709         | 0.18%           | 0.017%        |
| 34        | 12.498      | 1561          | 1566        | 1573         | rVB      | 49243          | 77078         | 0.72%           | 0.065%        |
| 35        | 13.228      | 1684          | 1690        | 1697         | rVB9     | 10568          | 19696         | 0.18%           | 0.017%        |
| 36        | 13.516      | 1732          | 1739        | 1744         | rBV      | 53153          | 73839         | 0.69%           | 0.062%        |

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 ClientSampleId :  
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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-BP072523.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.598 | 1744 | 1753 | 1758 | rVB  | 53945   | 93530   | 0.88%  | 0.079% |
| 38 | 13.680 | 1763 | 1767 | 1770 | rBV6 | 10436   | 19356   | 0.18%  | 0.016% |
| 39 | 14.063 | 1828 | 1832 | 1834 | rVV5 | 9853    | 15068   | 0.14%  | 0.013% |
| 40 | 14.098 | 1834 | 1838 | 1840 | rVV4 | 13851   | 18973   | 0.18%  | 0.016% |
| 41 | 14.151 | 1840 | 1847 | 1851 | rVV  | 4057465 | 5615898 | 52.57% | 4.730% |
| 42 | 14.192 | 1851 | 1854 | 1861 | rVB  | 428068  | 568790  | 5.32%  | 0.479% |
| 43 | 14.363 | 1878 | 1883 | 1888 | rBV9 | 10563   | 18335   | 0.17%  | 0.015% |
| 44 | 14.439 | 1888 | 1896 | 1908 | rBV  | 4686594 | 7105811 | 66.52% | 5.985% |
| 45 | 14.580 | 1914 | 1920 | 1926 | rBV4 | 13339   | 22512   | 0.21%  | 0.019% |
| 46 | 14.739 | 1939 | 1947 | 1953 | rBV  | 3665725 | 5467305 | 51.18% | 4.605% |
| 47 | 14.798 | 1954 | 1957 | 1962 | rVB2 | 13991   | 16439   | 0.15%  | 0.014% |
| 48 | 14.916 | 1970 | 1977 | 1992 | rBV  | 1733428 | 2542577 | 23.80% | 2.141% |
| 49 | 15.104 | 2002 | 2009 | 2012 | rBV7 | 26538   | 47887   | 0.45%  | 0.040% |
| 50 | 15.163 | 2012 | 2019 | 2023 | rVB4 | 44193   | 77293   | 0.72%  | 0.065% |
| 51 | 15.357 | 2046 | 2052 | 2055 | rBV8 | 7437    | 14295   | 0.13%  | 0.012% |
| 52 | 15.392 | 2056 | 2058 | 2064 | rVB6 | 9136    | 11287   | 0.11%  | 0.010% |
| 53 | 15.492 | 2069 | 2075 | 2080 | rBV9 | 10757   | 19656   | 0.18%  | 0.017% |
| 54 | 15.539 | 2080 | 2083 | 2088 | rBV6 | 14780   | 19850   | 0.19%  | 0.017% |
| 55 | 15.727 | 2108 | 2115 | 2122 | rBV  | 5886972 | 8605956 | 80.57% | 7.248% |
| 56 | 15.786 | 2122 | 2125 | 2128 | rVB3 | 12745   | 15342   | 0.14%  | 0.013% |
| 57 | 15.839 | 2128 | 2134 | 2143 | rBV  | 665859  | 900252  | 8.43%  | 0.758% |
| 58 | 15.969 | 2152 | 2156 | 2165 | rVB3 | 30305   | 59502   | 0.56%  | 0.050% |
| 59 | 16.410 | 2225 | 2231 | 2233 | rBV6 | 18727   | 31874   | 0.30%  | 0.027% |
| 60 | 16.716 | 2279 | 2283 | 2286 | rBV6 | 9931    | 15688   | 0.15%  | 0.013% |
| 61 | 16.751 | 2286 | 2289 | 2293 | rVV5 | 13936   | 24515   | 0.23%  | 0.021% |
| 62 | 16.821 | 2297 | 2301 | 2302 | rVV4 | 9619    | 12690   | 0.12%  | 0.011% |
| 63 | 16.851 | 2303 | 2306 | 2312 | rVB6 | 16280   | 34041   | 0.32%  | 0.029% |
| 64 | 16.921 | 2315 | 2318 | 2325 | rBV7 | 15417   | 28008   | 0.26%  | 0.024% |
| 65 | 16.986 | 2326 | 2329 | 2332 | rBV3 | 22684   | 28915   | 0.27%  | 0.024% |
| 66 | 17.210 | 2363 | 2367 | 2370 | rBV  | 166254  | 197977  | 1.85%  | 0.167% |
| 67 | 17.498 | 2410 | 2416 | 2421 | rBV  | 4635223 | 6624509 | 62.02% | 5.579% |
| 68 | 17.539 | 2421 | 2423 | 2427 | rVV  | 191018  | 265690  | 2.49%  | 0.224% |
| 69 | 17.598 | 2427 | 2433 | 2443 | rVV2 | 6044759 | 8823917 | 82.61% | 7.432% |
| 70 | 17.680 | 2443 | 2447 | 2455 | rVB5 | 84936   | 159849  | 1.50%  | 0.135% |
| 71 | 17.751 | 2455 | 2459 | 2466 | rBV4 | 41237   | 76781   | 0.72%  | 0.065% |
| 72 | 17.857 | 2475 | 2477 | 2482 | rBV6 | 21307   | 31230   | 0.29%  | 0.026% |
| 73 | 17.951 | 2489 | 2493 | 2499 | rVB  | 79582   | 99755   | 0.93%  | 0.084% |
| 74 | 18.133 | 2521 | 2524 | 2529 | rVB3 | 29991   | 36424   | 0.34%  | 0.031% |
| 75 | 18.221 | 2536 | 2539 | 2544 | rVB6 | 21809   | 28861   | 0.27%  | 0.024% |
| 76 | 18.345 | 2555 | 2560 | 2568 | rBV  | 597373  | 897566  | 8.40%  | 0.756% |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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-BP072523.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 77 | 18.698 | 2616 | 2620 | 2626 | rVB3 | 46761   | 69844    | 0.65%   | 0.059% |
| 78 | 18.845 | 2641 | 2645 | 2649 | rBV4 | 37519   | 54817    | 0.51%   | 0.046% |
| 79 | 19.180 | 2699 | 2702 | 2706 | rVB4 | 26378   | 28004    | 0.26%   | 0.024% |
| 80 | 19.233 | 2708 | 2711 | 2714 | rBV4 | 19859   | 23291    | 0.22%   | 0.020% |
| 81 | 19.398 | 2735 | 2739 | 2743 | rVB2 | 92254   | 120850   | 1.13%   | 0.102% |
| 82 | 19.463 | 2743 | 2750 | 2753 | rBV  | 147398  | 256256   | 2.40%   | 0.216% |
| 83 | 19.498 | 2753 | 2756 | 2760 | rVB  | 209019  | 264021   | 2.47%   | 0.222% |
| 84 | 19.574 | 2765 | 2769 | 2777 | rBV  | 157470  | 227668   | 2.13%   | 0.192% |
| 85 | 19.827 | 2806 | 2812 | 2824 | rVB  | 7923280 | 10681767 | 100.00% | 8.996% |
| 86 | 20.315 | 2892 | 2895 | 2902 | rVB3 | 79027   | 121332   | 1.14%   | 0.102% |
| 87 | 20.798 | 2974 | 2977 | 2982 | rBV  | 92849   | 104938   | 0.98%   | 0.088% |
| 88 | 21.262 | 3052 | 3056 | 3068 | rBV  | 717752  | 1055049  | 9.88%   | 0.889% |
| 89 | 21.592 | 3106 | 3112 | 3117 | rBV  | 4956906 | 6611940  | 61.90%  | 5.569% |
| 90 | 21.715 | 3131 | 3133 | 3137 | rVB2 | 119332  | 137606   | 1.29%   | 0.116% |
| 91 | 22.209 | 3214 | 3217 | 3221 | rBV  | 127908  | 149029   | 1.40%   | 0.126% |
| 92 | 22.756 | 3306 | 3310 | 3316 | rVB  | 161822  | 242672   | 2.27%   | 0.204% |
| 93 | 22.904 | 3331 | 3335 | 3341 | rVB  | 224203  | 336446   | 3.15%   | 0.283% |
| 94 | 23.368 | 3410 | 3414 | 3422 | rBV3 | 261848  | 426317   | 3.99%   | 0.359% |
| 95 | 24.021 | 3517 | 3525 | 3532 | rBV2 | 4277872 | 8845934  | 82.81%  | 7.450% |
| 96 | 24.192 | 3546 | 3554 | 3568 | rVB  | 2681099 | 6047993  | 56.62%  | 5.094% |
| 97 | 24.892 | 3668 | 3673 | 3683 | rVB2 | 241812  | 524520   | 4.91%   | 0.442% |

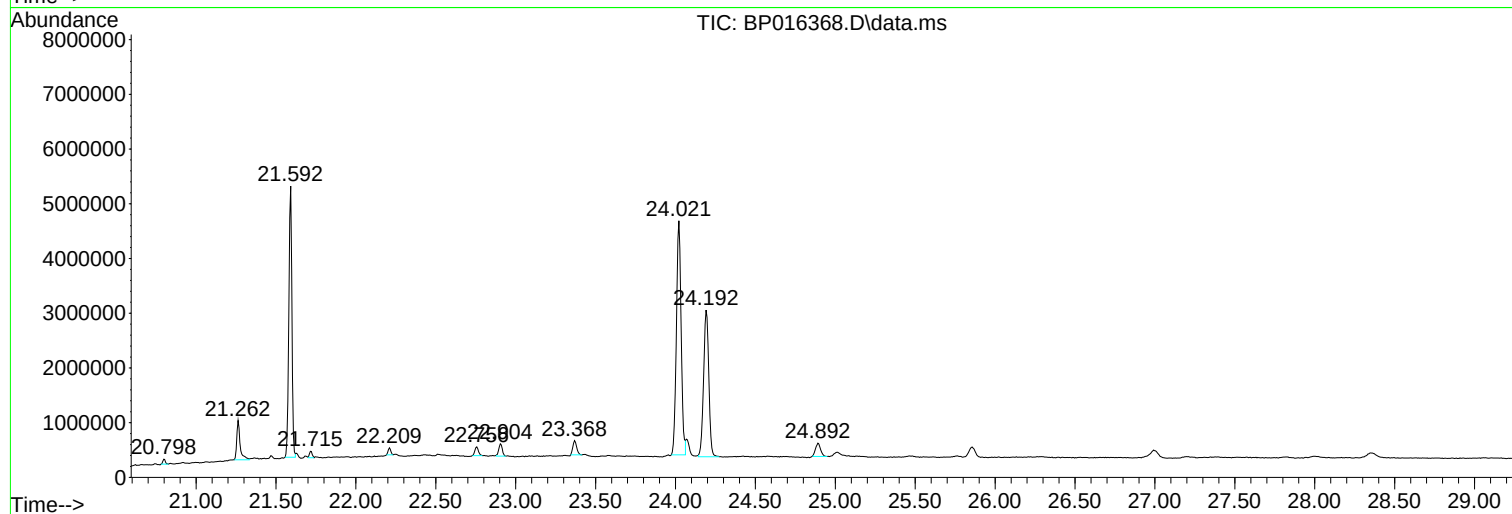
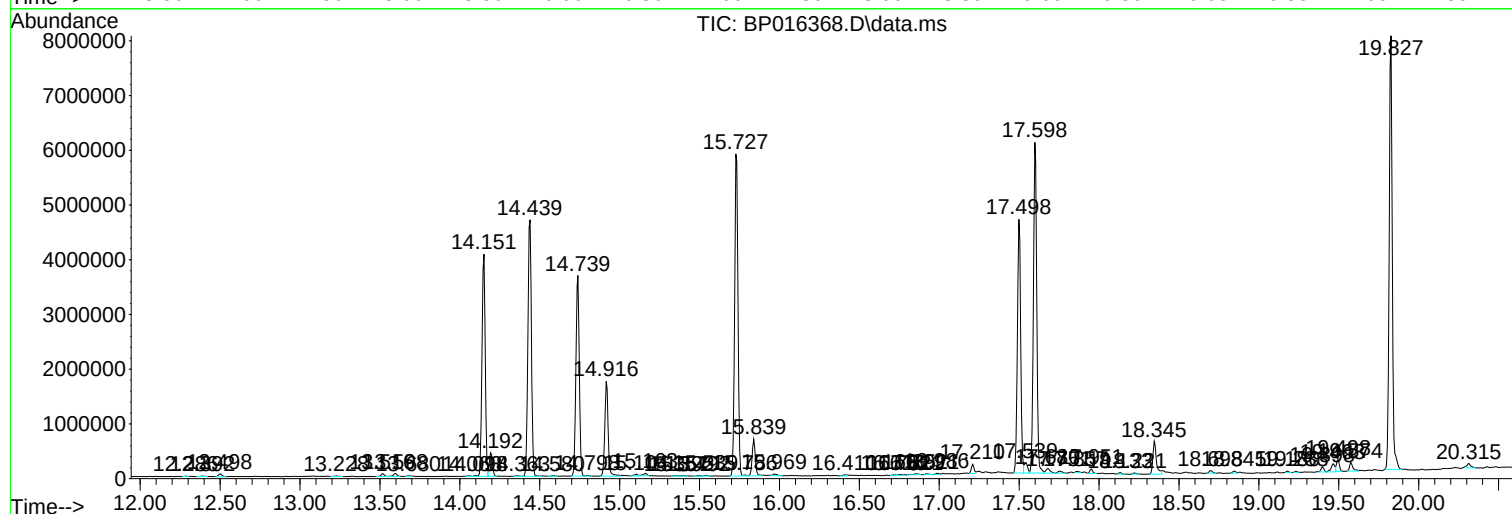
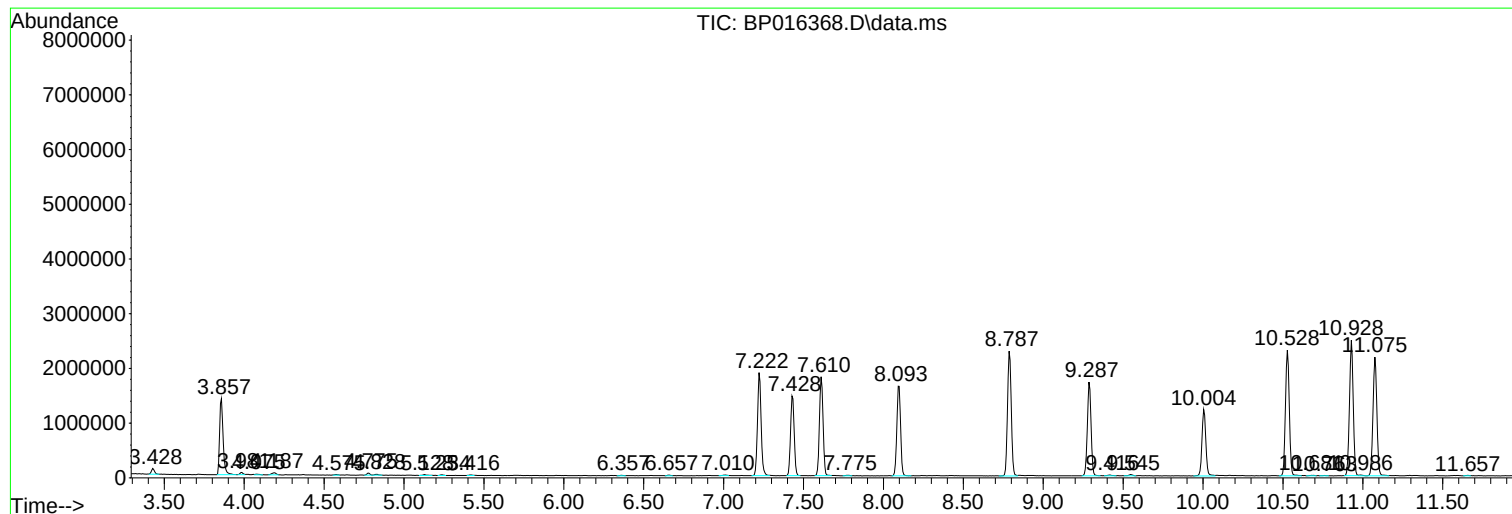
Sum of corrected areas: 118735324

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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



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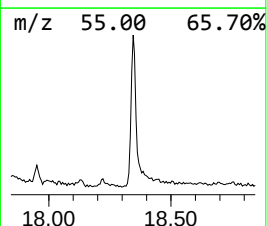
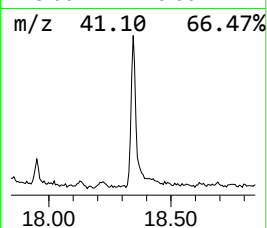
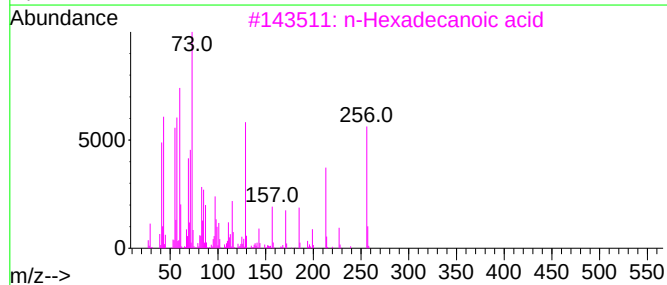
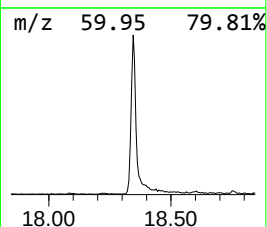
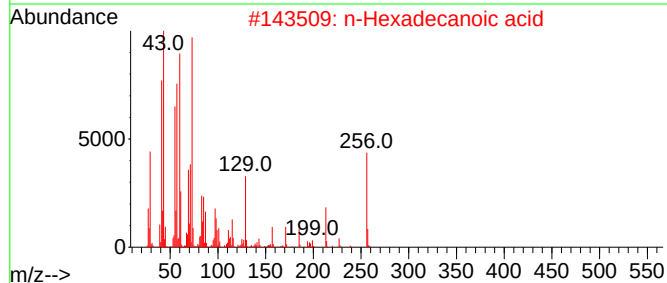
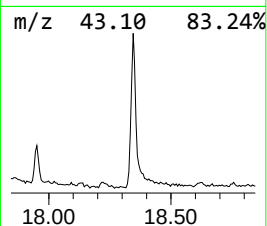
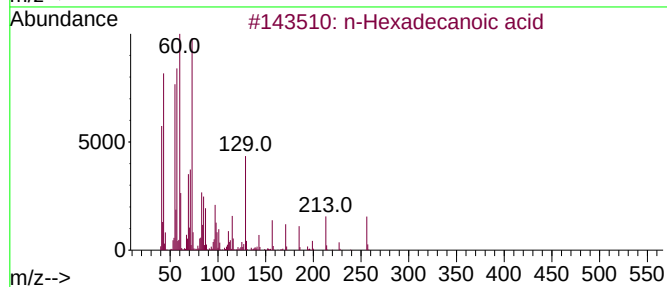
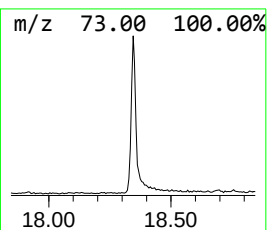
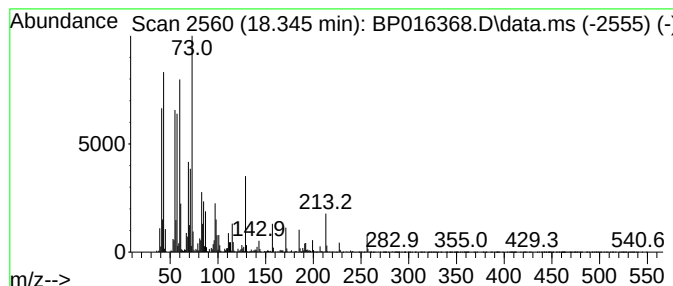
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.345 | 2.71 ng/ul | 897566 | Phenanthrene-d10 | 17.498 |

| 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 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |



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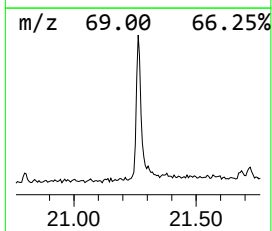
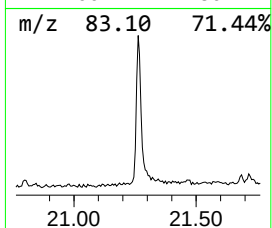
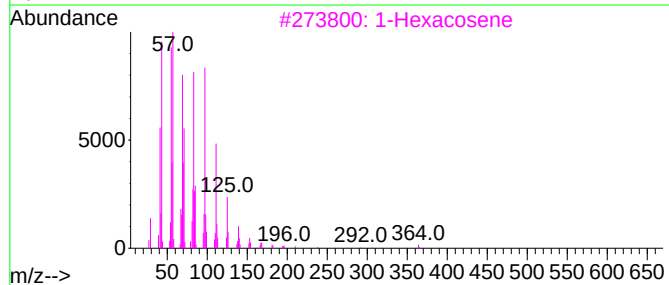
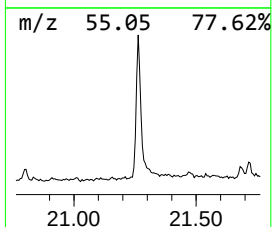
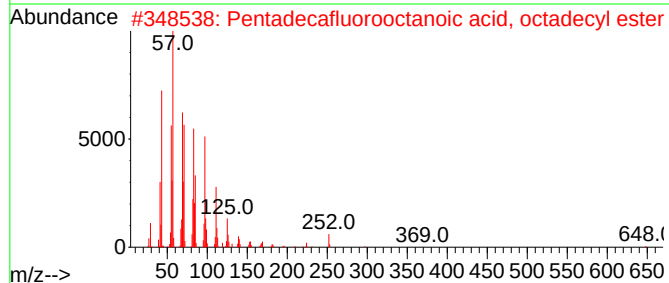
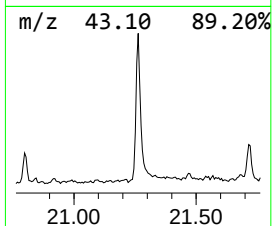
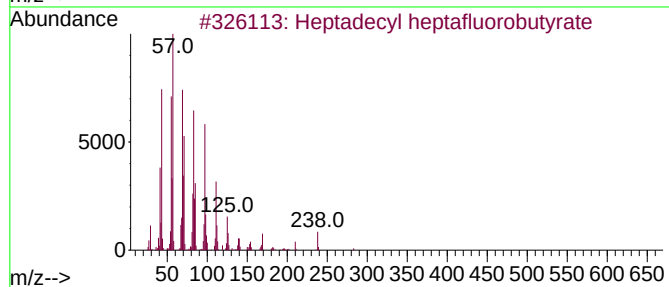
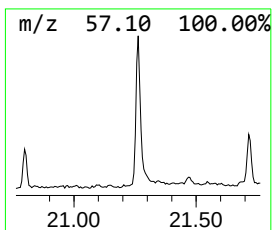
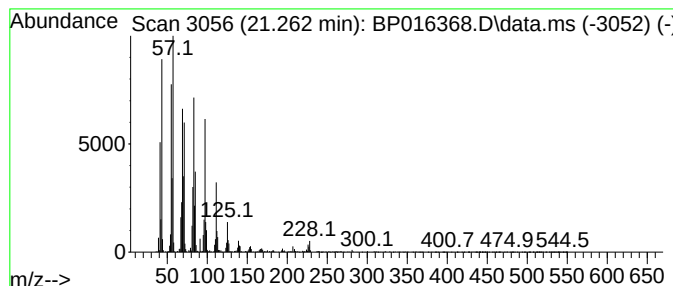
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.262 | 3.19 ng/ul | 1055050 | Chrysene-d12     | 21.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 94   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 3    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 94   |
| 4    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 93   |
| 5    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2  | 000400-57-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
Data File : BP016368.D  
Acq On : 26 Jul 2023 03:51  
Operator : MA/JU  
Sample : 03534-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4731

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.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 ... | 18.345 | 2.7     | ng/u1 | 897566   | 4                     | 17.498 | 6624510 | 20.0 |
| Heptadecyl hept... | 21.262 | 3.2     | ng/u1 | 1055050  | 5                     | 21.592 | 6611940 | 20.0 |