

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
 Data File : BP020930.D  
 Acq On : 12 Jul 2024 11:24  
 Operator : MA/JU  
 Sample : P3087-17  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4BR2

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-BP071024.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP020930.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         | 3.252       | 42            | 45          | 55           | rVB      | 37192          | 52290         | 1.31%           | 0.108%        |
| 2         | 3.534       | 90            | 93          | 102          | rBV      | 49483          | 75828         | 1.90%           | 0.156%        |
| 3         | 3.669       | 114           | 116         | 140          | rVB      | 498354         | 731961        | 18.31%          | 1.508%        |
| 4         | 3.981       | 164           | 169         | 177          | rVB      | 22939          | 34439         | 0.86%           | 0.071%        |
| 5         | 4.393       | 236           | 239         | 244          | rVB7     | 3539           | 6231          | 0.16%           | 0.013%        |
| 6         | 4.463       | 249           | 251         | 256          | rBV6     | 2117           | 4084          | 0.10%           | 0.008%        |
| 7         | 4.875       | 317           | 321         | 329          | rVB2     | 9680           | 15511         | 0.39%           | 0.032%        |
| 8         | 6.793       | 644           | 647         | 651          | rVB6     | 3118           | 4392          | 0.11%           | 0.009%        |
| 9         | 6.916       | 662           | 668         | 686          | rBV      | 635868         | 1095158       | 27.39%          | 2.257%        |
| 10        | 7.063       | 686           | 693         | 707          | rVB      | 535471         | 871529        | 21.80%          | 1.796%        |
| 11        | 7.263       | 720           | 727         | 739          | rBV      | 721460         | 1170166       | 29.26%          | 2.411%        |
| 12        | 7.357       | 739           | 743         | 750          | rVB4     | 8778           | 20210         | 0.51%           | 0.042%        |
| 13        | 7.710       | 796           | 803         | 816          | rBV      | 755920         | 1251950       | 31.31%          | 2.580%        |
| 14        | 7.922       | 836           | 839         | 845          | rBV7     | 2116           | 4613          | 0.12%           | 0.010%        |
| 15        | 8.434       | 916           | 926         | 942          | rBV      | 782873         | 1420763       | 35.53%          | 2.928%        |
| 16        | 8.875       | 992           | 1001        | 1008         | rBV      | 633348         | 1101697       | 27.55%          | 2.270%        |
| 17        | 9.022       | 1023          | 1026        | 1035         | rVB10    | 6022           | 13565         | 0.34%           | 0.028%        |
| 18        | 9.240       | 1052          | 1063        | 1066         | rBV4     | 6809           | 13789         | 0.34%           | 0.028%        |
| 19        | 9.428       | 1087          | 1095        | 1102         | rVB5     | 9758           | 18539         | 0.46%           | 0.038%        |
| 20        | 9.581       | 1113          | 1121        | 1132         | rBV      | 511881         | 964346        | 24.12%          | 1.987%        |
| 21        | 9.840       | 1161          | 1165        | 1167         | rBV5     | 4453           | 6714          | 0.17%           | 0.014%        |
| 22        | 9.863       | 1167          | 1169        | 1174         | rVV5     | 5506           | 7581          | 0.19%           | 0.016%        |
| 23        | 9.940       | 1177          | 1182        | 1184         | rBV6     | 3164           | 4884          | 0.12%           | 0.010%        |
| 24        | 10.128      | 1207          | 1214        | 1238         | rBV      | 841189         | 1484255       | 37.12%          | 3.059%        |
| 25        | 10.281      | 1238          | 1240        | 1248         | rVB9     | 3212           | 6875          | 0.17%           | 0.014%        |
| 26        | 10.487      | 1264          | 1275        | 1287         | rBV      | 1148138        | 1871112       | 46.80%          | 3.856%        |
| 27        | 10.628      | 1291          | 1299        | 1317         | rBV      | 739703         | 1400005       | 35.01%          | 2.885%        |
| 28        | 10.957      | 1350          | 1355        | 1359         | rVB8     | 4245           | 6476          | 0.16%           | 0.013%        |
| 29        | 11.034      | 1365          | 1368        | 1373         | rBV6     | 3714           | 5779          | 0.14%           | 0.012%        |
| 30        | 11.240      | 1396          | 1403        | 1409         | rBV2     | 37851          | 89470         | 2.24%           | 0.184%        |
| 31        | 11.487      | 1441          | 1445        | 1449         | rBV2     | 12330          | 20176         | 0.50%           | 0.042%        |
| 32        | 11.563      | 1456          | 1458        | 1464         | rVB7     | 4554           | 7347          | 0.18%           | 0.015%        |
| 33        | 11.745      | 1483          | 1489        | 1492         | rVB8     | 3874           | 6449          | 0.16%           | 0.013%        |
| 34        | 12.087      | 1540          | 1547        | 1552         | rVB3     | 12737          | 26040         | 0.65%           | 0.054%        |
| 35        | 12.528      | 1617          | 1622        | 1628         | rBV10    | 3835           | 9476          | 0.24%           | 0.020%        |
| 36        | 12.628      | 1633          | 1639        | 1640         | rVV6     | 2469           | 4047          | 0.10%           | 0.008%        |

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 ALS Vial : 37 Sample Multiplier: 1

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 BNA\_P  
 ClientSampleId :  
 A4BR2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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-BP071024.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 12.692 | 1647 | 1650 | 1657 | rVB8  | 4424    | 6709    | 0.17%  | 0.014% |
| 38 | 12.798 | 1666 | 1668 | 1673 | rBV5  | 3403    | 5392    | 0.13%  | 0.011% |
| 39 | 12.857 | 1673 | 1678 | 1683 | rVV2  | 23808   | 30169   | 0.75%  | 0.062% |
| 40 | 12.940 | 1688 | 1692 | 1696 | rVB7  | 6423    | 10161   | 0.25%  | 0.021% |
| 41 | 13.122 | 1721 | 1723 | 1728 | rVB6  | 3257    | 5142    | 0.13%  | 0.011% |
| 42 | 13.163 | 1728 | 1730 | 1734 | rVB5  | 3860    | 5103    | 0.13%  | 0.011% |
| 43 | 13.304 | 1750 | 1754 | 1761 | rVB10 | 6535    | 12686   | 0.32%  | 0.026% |
| 44 | 13.387 | 1765 | 1768 | 1774 | rVB8  | 3894    | 7067    | 0.18%  | 0.015% |
| 45 | 13.534 | 1791 | 1793 | 1797 | rVB5  | 3557    | 4183    | 0.10%  | 0.009% |
| 46 | 13.751 | 1821 | 1830 | 1838 | rBV   | 1592891 | 2195053 | 54.90% | 4.523% |
| 47 | 13.810 | 1838 | 1840 | 1845 | rVB2  | 30745   | 41310   | 1.03%  | 0.085% |
| 48 | 13.857 | 1845 | 1848 | 1849 | rBV2  | 5699    | 5675    | 0.14%  | 0.012% |
| 49 | 13.928 | 1858 | 1860 | 1865 | rVB6  | 3540    | 4111    | 0.10%  | 0.008% |
| 50 | 14.039 | 1865 | 1879 | 1891 | rBV2  | 1744557 | 2617837 | 65.47% | 5.395% |
| 51 | 14.169 | 1897 | 1901 | 1906 | rVB6  | 13734   | 23326   | 0.58%  | 0.048% |
| 52 | 14.304 | 1921 | 1924 | 1925 | rBV3  | 6538    | 6089    | 0.15%  | 0.013% |
| 53 | 14.351 | 1926 | 1932 | 1940 | rVV   | 1816243 | 2440825 | 61.04% | 5.030% |
| 54 | 14.569 | 1962 | 1969 | 1971 | rBV3  | 67205   | 137883  | 3.45%  | 0.284% |
| 55 | 14.604 | 1971 | 1975 | 1989 | rVB   | 287096  | 686768  | 17.18% | 1.415% |
| 56 | 14.863 | 2017 | 2019 | 2027 | rVB7  | 11861   | 19772   | 0.49%  | 0.041% |
| 57 | 15.151 | 2063 | 2068 | 2072 | rBV6  | 11847   | 27222   | 0.68%  | 0.056% |
| 58 | 15.198 | 2072 | 2076 | 2079 | rVV5  | 8424    | 13936   | 0.35%  | 0.029% |
| 59 | 15.304 | 2091 | 2094 | 2097 | rBV5  | 5451    | 8018    | 0.20%  | 0.017% |
| 60 | 15.357 | 2097 | 2103 | 2113 | rBV   | 1982755 | 3116551 | 77.94% | 6.422% |
| 61 | 15.504 | 2122 | 2128 | 2138 | rBV   | 478600  | 827132  | 20.69% | 1.704% |
| 62 | 15.622 | 2142 | 2148 | 2155 | rVB3  | 59069   | 108890  | 2.72%  | 0.224% |
| 63 | 15.733 | 2165 | 2167 | 2171 | rVB5  | 7710    | 8504    | 0.21%  | 0.018% |
| 64 | 15.939 | 2199 | 2202 | 2211 | rVB10 | 10504   | 22671   | 0.57%  | 0.047% |
| 65 | 16.104 | 2222 | 2230 | 2236 | rBV   | 39711   | 86531   | 2.16%  | 0.178% |
| 66 | 16.251 | 2250 | 2255 | 2260 | rBV   | 59434   | 88969   | 2.23%  | 0.183% |
| 67 | 16.363 | 2270 | 2274 | 2279 | rVB2  | 50166   | 71028   | 1.78%  | 0.146% |
| 68 | 16.675 | 2323 | 2327 | 2332 | rBV5  | 24522   | 42099   | 1.05%  | 0.087% |
| 69 | 16.957 | 2372 | 2375 | 2379 | rVB2  | 35992   | 46909   | 1.17%  | 0.097% |
| 70 | 17.028 | 2382 | 2387 | 2390 | rBV   | 104305  | 143025  | 3.58%  | 0.295% |
| 71 | 17.063 | 2391 | 2393 | 2399 | rVB4  | 48622   | 59232   | 1.48%  | 0.122% |
| 72 | 17.157 | 2403 | 2409 | 2414 | rBV   | 2214565 | 2786831 | 69.70% | 5.743% |
| 73 | 17.257 | 2420 | 2426 | 2435 | rBV2  | 1922049 | 3179121 | 79.51% | 6.551% |
| 74 | 17.339 | 2436 | 2440 | 2443 | rBV   | 45394   | 57984   | 1.45%  | 0.119% |
| 75 | 17.622 | 2484 | 2488 | 2491 | rBV2  | 55148   | 79578   | 1.99%  | 0.164% |
| 76 | 17.775 | 2509 | 2514 | 2523 | rBV   | 95473   | 180617  | 4.52%  | 0.372% |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4BR2

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-BP071024.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 18.098 | 2564 | 2569 | 2577 | rBV  | 179634  | 330958  | 8.28%   | 0.682% |
| 78 | 18.263 | 2593 | 2597 | 2603 | rVB3 | 81626   | 112100  | 2.80%   | 0.231% |
| 79 | 18.327 | 2604 | 2608 | 2613 | rVB6 | 48337   | 70927   | 1.77%   | 0.146% |
| 80 | 18.669 | 2663 | 2666 | 2670 | rVB4 | 64406   | 74787   | 1.87%   | 0.154% |
|    |        |      |      |      |      |         |         |         |        |
| 81 | 18.780 | 2683 | 2685 | 2689 | rBV5 | 29770   | 43285   | 1.08%   | 0.089% |
| 82 | 18.880 | 2699 | 2702 | 2706 | rVB2 | 77570   | 95499   | 2.39%   | 0.197% |
| 83 | 19.298 | 2771 | 2773 | 2779 | rVB  | 93041   | 126302  | 3.16%   | 0.260% |
| 84 | 19.645 | 2827 | 2832 | 2847 | rBV  | 2518737 | 3998523 | 100.00% | 8.240% |
| 85 | 21.286 | 3107 | 3111 | 3117 | rVB3 | 274575  | 469529  | 11.74%  | 0.968% |
|    |        |      |      |      |      |         |         |         |        |
| 86 | 21.621 | 3162 | 3168 | 3174 | rBV  | 2031439 | 3155451 | 78.92%  | 6.503% |
| 87 | 24.721 | 3687 | 3695 | 3707 | rVB2 | 1437331 | 3931230 | 98.32%  | 8.101% |
| 88 | 24.962 | 3728 | 3736 | 3746 | rVB  | 1094830 | 3069947 | 76.78%  | 6.326% |

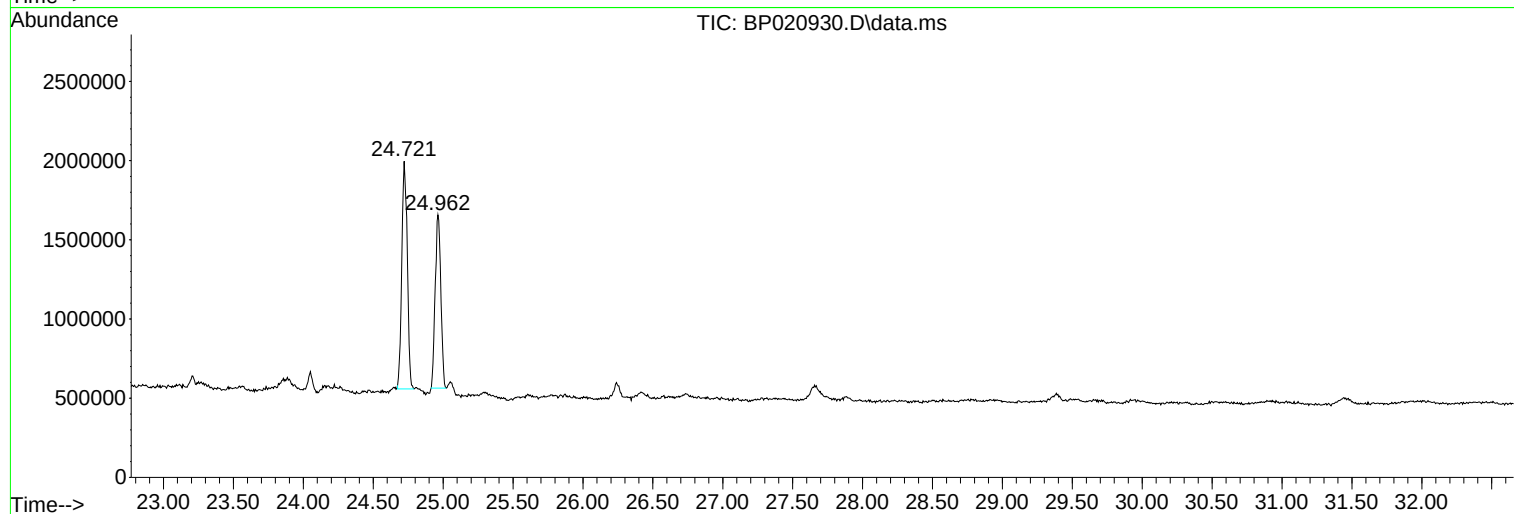
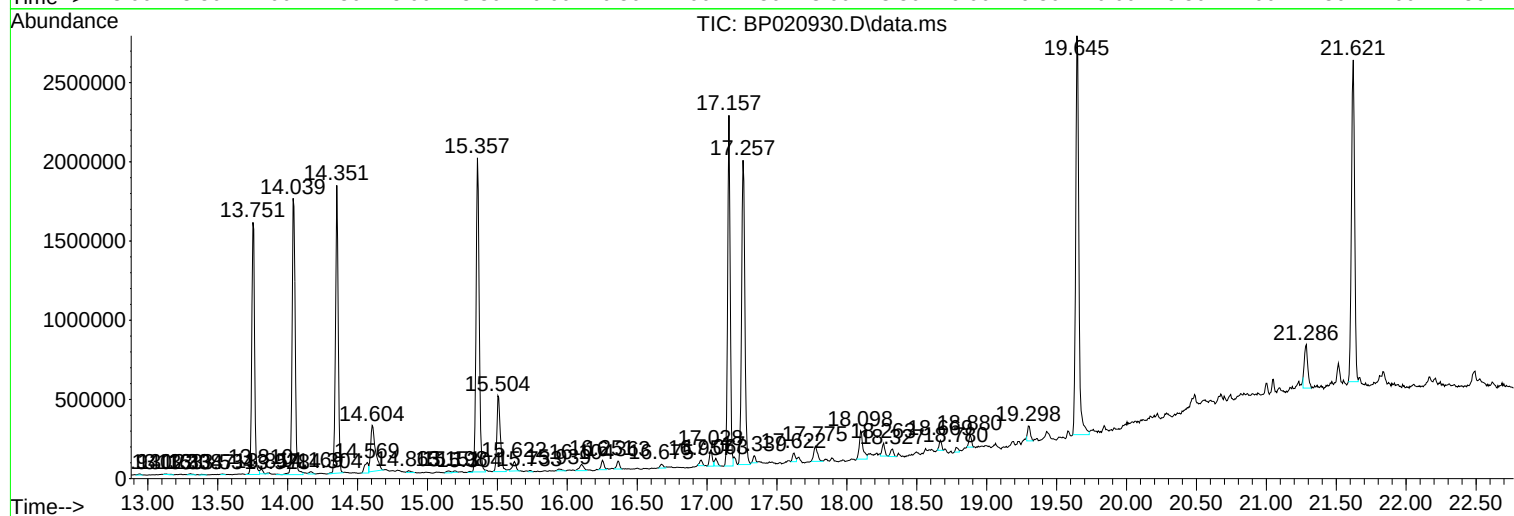
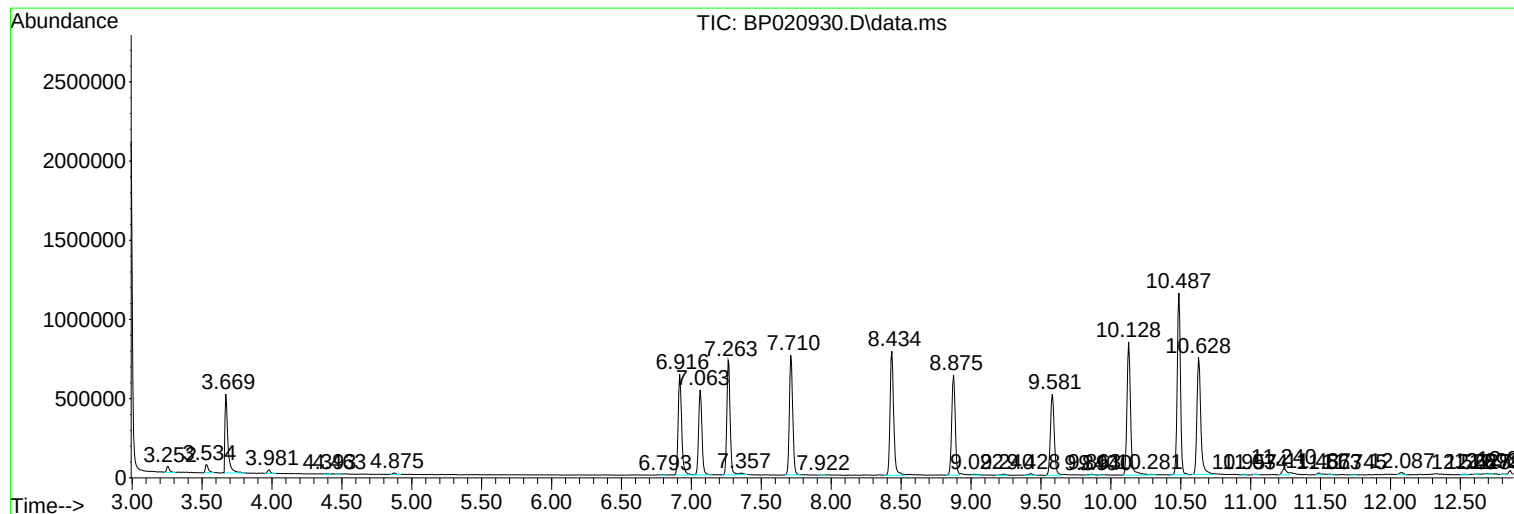
Sum of corrected areas: 48526394

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Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : P3087-17  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

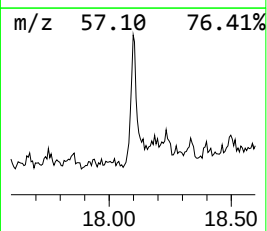
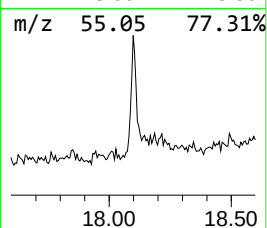
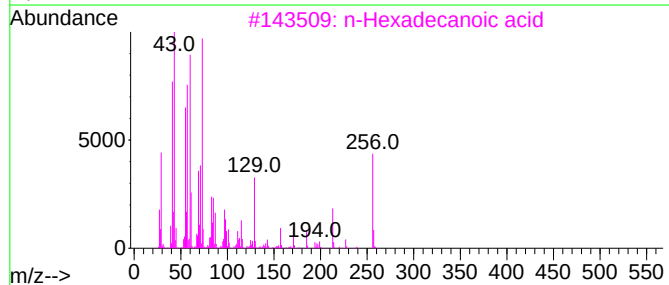
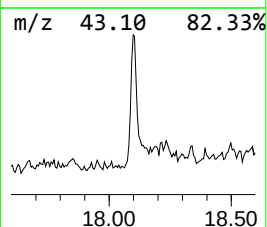
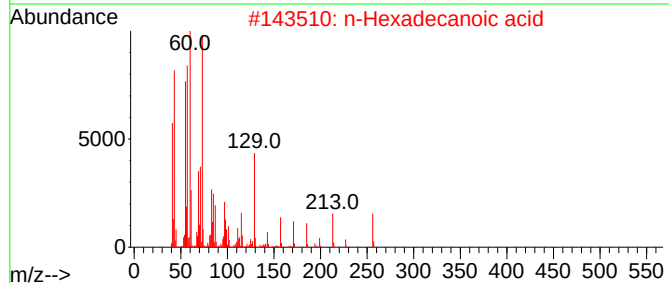
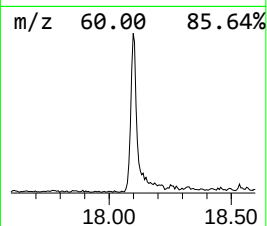
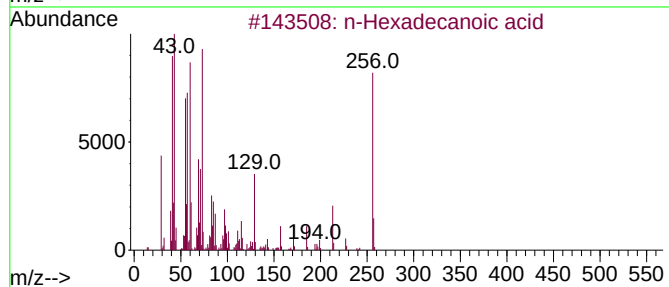
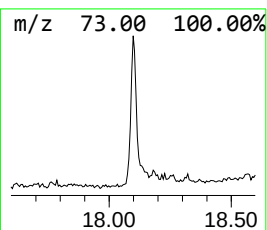
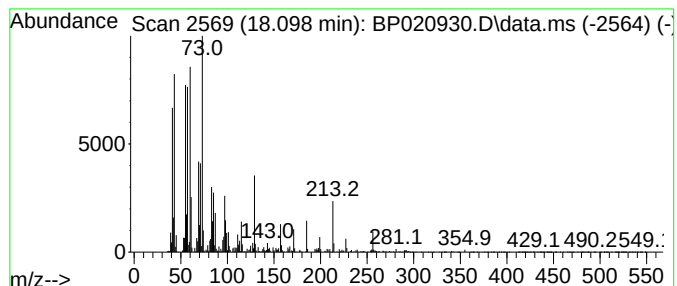
Instrument :  
BNA\_P  
ClientSampleId :  
A4BR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.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.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.098    | 2.38 ng/ul          | 330958 | Phenanthrene-d10 | 17.157      |      |
| 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         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 89   |
| 5         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 87   |



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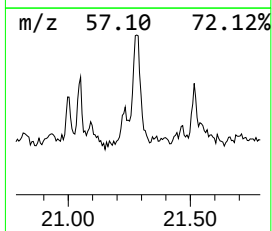
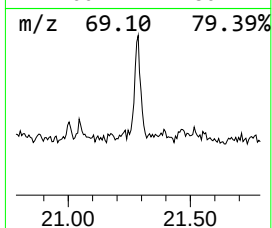
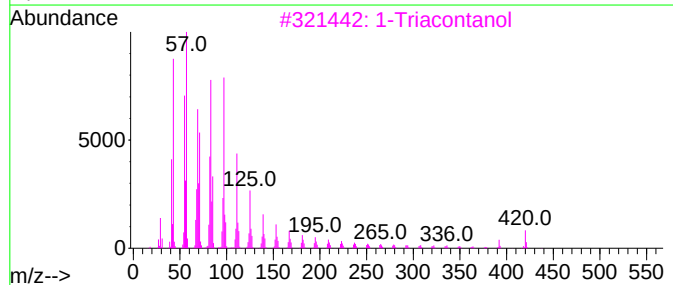
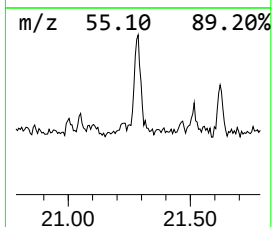
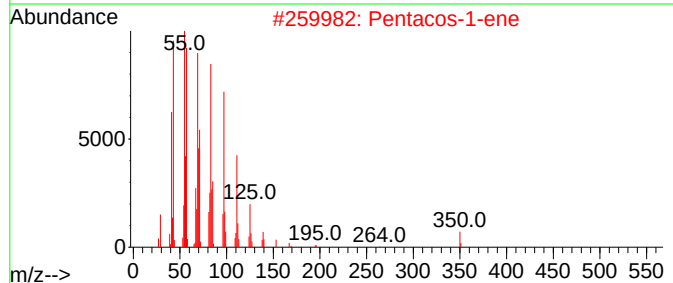
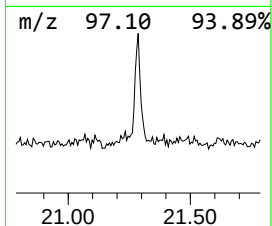
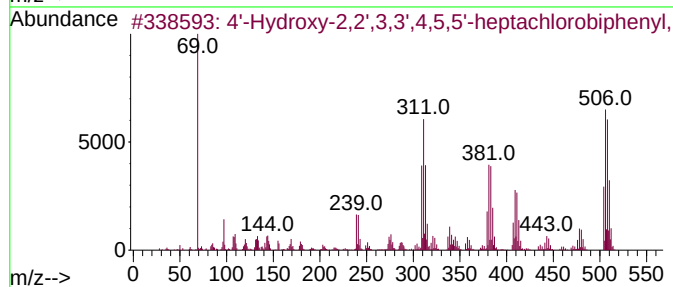
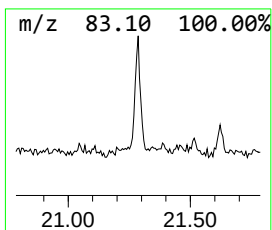
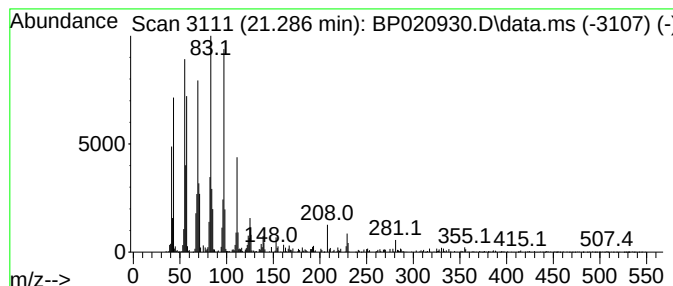
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 4'-Hydroxy-2,2',3,3',4,5,5'... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.286 | 2.98 ng/ul | 469529 | Chrysene-d12     | 21.621 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 4'-Hydroxy-2,2',3,3',4,5,5'-hept... | 504 | C14H2Cl7F3O2 | 1000448-02-6 | 90   |
| 2    |    |   | Pentacos-1-ene                      | 350 | C25H50       | 016980-85-1  | 86   |
| 3    |    |   | 1-Triacontanol                      | 438 | C30H62O      | 000593-50-0  | 70   |
| 4    |    |   | n-Heptadecanol-1                    | 256 | C17H36O      | 001454-85-9  | 68   |
| 5    |    |   | Bromoacetic acid, pentadecyl ester  | 348 | C17H33BrO2   | 131143-01-6  | 62   |



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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 ... | 18.098 | 2.4     | ng/u1 | 330958   | 4                     | 17.157 | 2786830 | 20.0 |
| 4'-Hydroxy-2,2'... | 21.286 | 3.0     | ng/u1 | 469529   | 5                     | 21.621 | 3155450 | 20.0 |