

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022165.D  
 Acq On : 02 Oct 2024 16:49  
 Operator : RC/JU  
 Sample : P4010-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AW0

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022165.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         | 3.223       | 37            | 40          | 43           | rVB      | 4422           | 4590          | 0.19%           | 0.020%        |
| 2         | 3.652       | 112           | 113         | 120          | rVB3     | 3394           | 5042          | 0.21%           | 0.022%        |
| 3         | 3.740       | 123           | 128         | 132          | rBV      | 7506           | 9738          | 0.40%           | 0.042%        |
| 4         | 3.952       | 159           | 164         | 172          | rBV2     | 7359           | 12298         | 0.51%           | 0.054%        |
| 5         | 4.505       | 251           | 258         | 261          | rVB8     | 1686           | 3960          | 0.16%           | 0.017%        |
| 6         | 4.858       | 312           | 318         | 323          | rBV      | 10268          | 18186         | 0.76%           | 0.079%        |
| 7         | 5.728       | 462           | 466         | 470          | rBV6     | 2502           | 4062          | 0.17%           | 0.018%        |
| 8         | 6.411       | 577           | 582         | 586          | rBV3     | 5068           | 7759          | 0.32%           | 0.034%        |
| 9         | 6.716       | 630           | 634         | 637          | rBV6     | 2120           | 3720          | 0.15%           | 0.016%        |
| 10        | 6.887       | 648           | 663         | 676          | rBV      | 202097         | 358456        | 14.90%          | 1.563%        |
| 11        | 7.040       | 682           | 689         | 698          | rVB      | 152426         | 239782        | 9.96%           | 1.046%        |
| 12        | 7.246       | 716           | 724         | 731          | rBV      | 200437         | 330052        | 13.72%          | 1.440%        |
| 13        | 7.328       | 734           | 738         | 743          | rVB7     | 3078           | 5189          | 0.22%           | 0.023%        |
| 14        | 7.522       | 763           | 771         | 774          | rBV10    | 1682           | 3860          | 0.16%           | 0.017%        |
| 15        | 7.699       | 794           | 801         | 809          | rBV      | 470688         | 715867        | 29.75%          | 3.122%        |
| 16        | 7.775       | 809           | 814         | 817          | rVB7     | 2199           | 4052          | 0.17%           | 0.018%        |
| 17        | 7.922       | 834           | 839         | 841          | rBV6     | 1819           | 2689          | 0.11%           | 0.012%        |
| 18        | 8.399       | 911           | 920         | 930          | rBV      | 197525         | 335580        | 13.95%          | 1.464%        |
| 19        | 8.510       | 933           | 939         | 945          | rVV      | 80259          | 133488        | 5.55%           | 0.582%        |
| 20        | 8.646       | 957           | 962         | 963          | rBV4     | 2675           | 3283          | 0.14%           | 0.014%        |
| 21        | 8.834       | 987           | 994         | 1004         | rBV      | 187339         | 327329        | 13.60%          | 1.428%        |
| 22        | 9.399       | 1084          | 1090        | 1097         | rBV4     | 8815           | 15467         | 0.64%           | 0.067%        |
| 23        | 9.552       | 1108          | 1116        | 1131         | rBV      | 171422         | 306030        | 12.72%          | 1.335%        |
| 24        | 9.716       | 1139          | 1144        | 1153         | rBV      | 19379          | 37999         | 1.58%           | 0.166%        |
| 25        | 9.787       | 1153          | 1156        | 1159         | rVV5     | 2123           | 2542          | 0.11%           | 0.011%        |
| 26        | 9.910       | 1172          | 1177        | 1184         | rVB      | 10002          | 16857         | 0.70%           | 0.074%        |
| 27        | 10.093      | 1199          | 1208        | 1219         | rBV      | 261527         | 465216        | 19.33%          | 2.029%        |
| 28        | 10.457      | 1262          | 1270        | 1281         | rBV      | 597627         | 1026977       | 42.68%          | 4.479%        |
| 29        | 10.599      | 1286          | 1294        | 1308         | rBV      | 187292         | 360533        | 14.98%          | 1.572%        |
| 30        | 10.993      | 1350          | 1361        | 1368         | rBV      | 12315          | 27323         | 1.14%           | 0.119%        |
| 31        | 11.246      | 1397          | 1404        | 1415         | rBV4     | 10995          | 25090         | 1.04%           | 0.109%        |
| 32        | 11.475      | 1437          | 1443        | 1445         | rBV7     | 1570           | 2529          | 0.11%           | 0.011%        |
| 33        | 11.816      | 1496          | 1501        | 1504         | rVB7     | 2349           | 3552          | 0.15%           | 0.015%        |
| 34        | 12.051      | 1539          | 1541        | 1544         | rVB4     | 2821           | 2943          | 0.12%           | 0.013%        |
| 35        | 13.187      | 1730          | 1734        | 1736         | rBV5     | 1954           | 2812          | 0.12%           | 0.012%        |
| 36        | 13.634      | 1804          | 1810        | 1814         | rVV9     | 6697           | 12930         | 0.54%           | 0.056%        |

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 Sample : P4010-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AW0

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.710 | 1817 | 1823 | 1834 | rVV  | 564514 | 787252 | 32.72% | 3.434% |
| 38 | 13.887 | 1849 | 1853 | 1859 | rVB2 | 4556   | 7052   | 0.29%  | 0.031% |
| 39 | 13.993 | 1864 | 1871 | 1880 | rVV  | 558410 | 882967 | 36.69% | 3.851% |
| 40 | 14.075 | 1882 | 1885 | 1891 | rVB7 | 4754   | 7040   | 0.29%  | 0.031% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 14.145 | 1891 | 1897 | 1905 | rBV4 | 13820   | 30338   | 1.26%  | 0.132% |
| 42 | 14.304 | 1914 | 1924 | 1932 | rBV  | 1080736 | 1625485 | 67.55% | 7.090% |
| 43 | 14.528 | 1955 | 1962 | 1976 | rBV  | 164999  | 335966  | 13.96% | 1.465% |
| 44 | 14.628 | 1976 | 1979 | 1982 | rVV3 | 10930   | 17806   | 0.74%  | 0.078% |
| 45 | 14.675 | 1983 | 1987 | 1991 | rVV5 | 10080   | 18605   | 0.77%  | 0.081% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 46 | 14.734 | 1993 | 1997 | 2002 | rVB7 | 9122   | 16175   | 0.67%  | 0.071% |
| 47 | 14.887 | 2020 | 2023 | 2027 | rBV6 | 2025   | 3212    | 0.13%  | 0.014% |
| 48 | 15.128 | 2058 | 2064 | 2068 | rBV9 | 2442   | 5797    | 0.24%  | 0.025% |
| 49 | 15.310 | 2089 | 2095 | 2103 | rBV  | 798983 | 1169146 | 48.59% | 5.099% |
| 50 | 15.434 | 2110 | 2116 | 2125 | rBV  | 193132 | 280281  | 11.65% | 1.222% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 15.681 | 2153 | 2158 | 2167 | rVB  | 45165 | 63902 | 2.66% | 0.279% |
| 52 | 15.904 | 2189 | 2196 | 2199 | rBV7 | 3877  | 8040  | 0.33% | 0.035% |
| 53 | 16.239 | 2248 | 2253 | 2254 | rBV5 | 2354  | 2885  | 0.12% | 0.013% |
| 54 | 16.339 | 2267 | 2270 | 2273 | rBV4 | 2202  | 3454  | 0.14% | 0.015% |
| 55 | 16.510 | 2295 | 2299 | 2302 | rVB6 | 4401  | 6223  | 0.26% | 0.027% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 56 | 16.639 | 2317 | 2321 | 2325 | rVV3 | 18221 | 25922 | 1.08% | 0.113% |
| 57 | 16.745 | 2335 | 2339 | 2344 | rBV7 | 13646 | 20049 | 0.83% | 0.087% |
| 58 | 16.887 | 2359 | 2363 | 2366 | rBV6 | 3652  | 4965  | 0.21% | 0.022% |
| 59 | 16.922 | 2367 | 2369 | 2373 | rVB5 | 5114  | 5098  | 0.21% | 0.022% |
| 60 | 16.981 | 2375 | 2379 | 2380 | rBV4 | 2644  | 3135  | 0.13% | 0.014% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 61 | 17.098 | 2393 | 2399 | 2404 | rBV  | 1458427 | 2090008 | 86.85% | 9.116% |
| 62 | 17.139 | 2404 | 2406 | 2411 | rVV  | 77590   | 103478  | 4.30%  | 0.451% |
| 63 | 17.204 | 2411 | 2417 | 2428 | rVV2 | 776523  | 1261110 | 52.41% | 5.500% |
| 64 | 17.310 | 2432 | 2435 | 2439 | rVB6 | 8339    | 13365   | 0.56%  | 0.058% |
| 65 | 17.522 | 2468 | 2471 | 2476 | rVB  | 10126   | 15148   | 0.63%  | 0.066% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 17.628 | 2487 | 2489 | 2491 | rBV3 | 3568   | 3864   | 0.16%  | 0.017% |
| 67 | 17.745 | 2505 | 2509 | 2515 | rVB3 | 21975  | 28793  | 1.20%  | 0.126% |
| 68 | 18.045 | 2552 | 2560 | 2568 | rBV2 | 144780 | 245138 | 10.19% | 1.069% |
| 69 | 18.204 | 2585 | 2587 | 2592 | rVB4 | 10484  | 13853  | 0.58%  | 0.060% |
| 70 | 18.522 | 2639 | 2641 | 2645 | rVB5 | 7946   | 8447   | 0.35%  | 0.037% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 18.569 | 2645 | 2649 | 2655 | rVB6 | 10732  | 17287  | 0.72%  | 0.075% |
| 72 | 18.633 | 2656 | 2660 | 2663 | rBV2 | 20060  | 25450  | 1.06%  | 0.111% |
| 73 | 18.863 | 2694 | 2699 | 2703 | rBV2 | 26152  | 41436  | 1.72%  | 0.181% |
| 74 | 19.239 | 2758 | 2763 | 2769 | rBV  | 194764 | 364841 | 15.16% | 1.591% |
| 75 | 19.375 | 2782 | 2786 | 2791 | rBV2 | 46389  | 51487  | 2.14%  | 0.225% |

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 76 | 19.516 | 2805 | 2810 | 2817 | rBV | 221492 | 397010 | 16.50% | 1.732% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

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Sample : P4010-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

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-BP092424.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.586 | 2817 | 2822 | 2831 | rVB2 | 1026133 | 1600811 | 66.52%  | 6.982%  |
| 78 | 19.751 | 2846 | 2850 | 2857 | rBV4 | 58280   | 85449   | 3.55%   | 0.373%  |
| 79 | 21.539 | 3147 | 3154 | 3160 | rBV  | 1371608 | 2392835 | 99.44%  | 10.437% |
| 80 | 23.974 | 3563 | 3568 | 3575 | rVB2 | 194147  | 407697  | 16.94%  | 1.778%  |
| 81 | 24.592 | 3666 | 3673 | 3682 | rVB  | 472214  | 1185010 | 49.25%  | 5.169%  |
| 82 | 24.815 | 3702 | 3711 | 3722 | rVB  | 876371  | 2406333 | 100.00% | 10.495% |

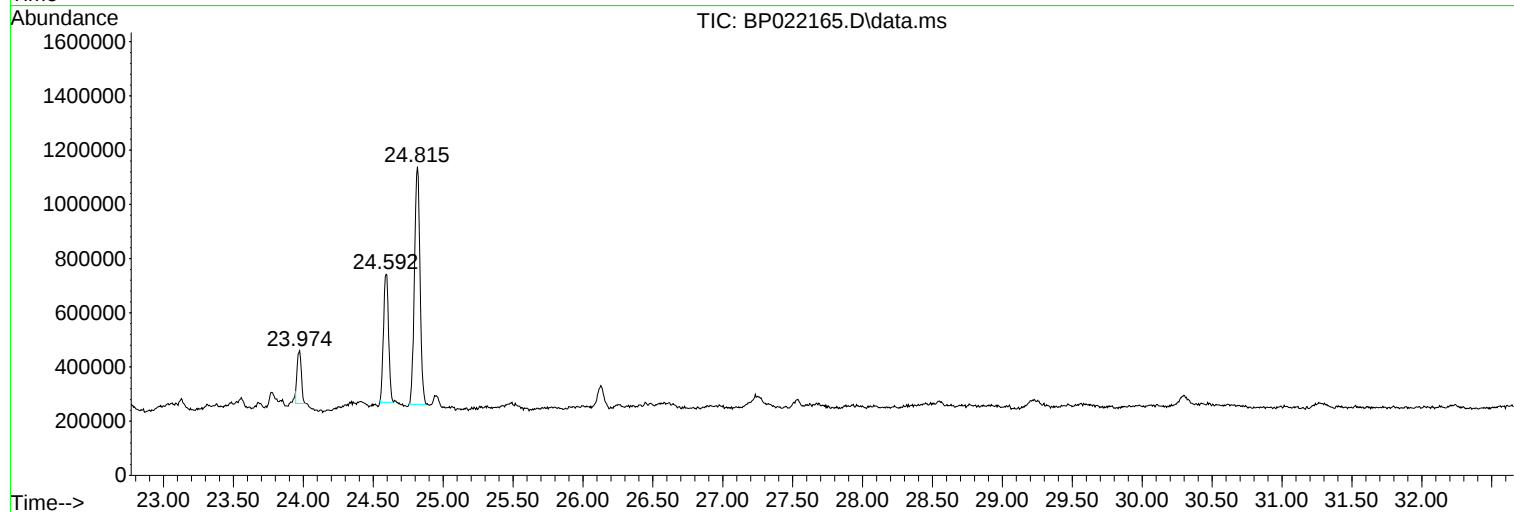
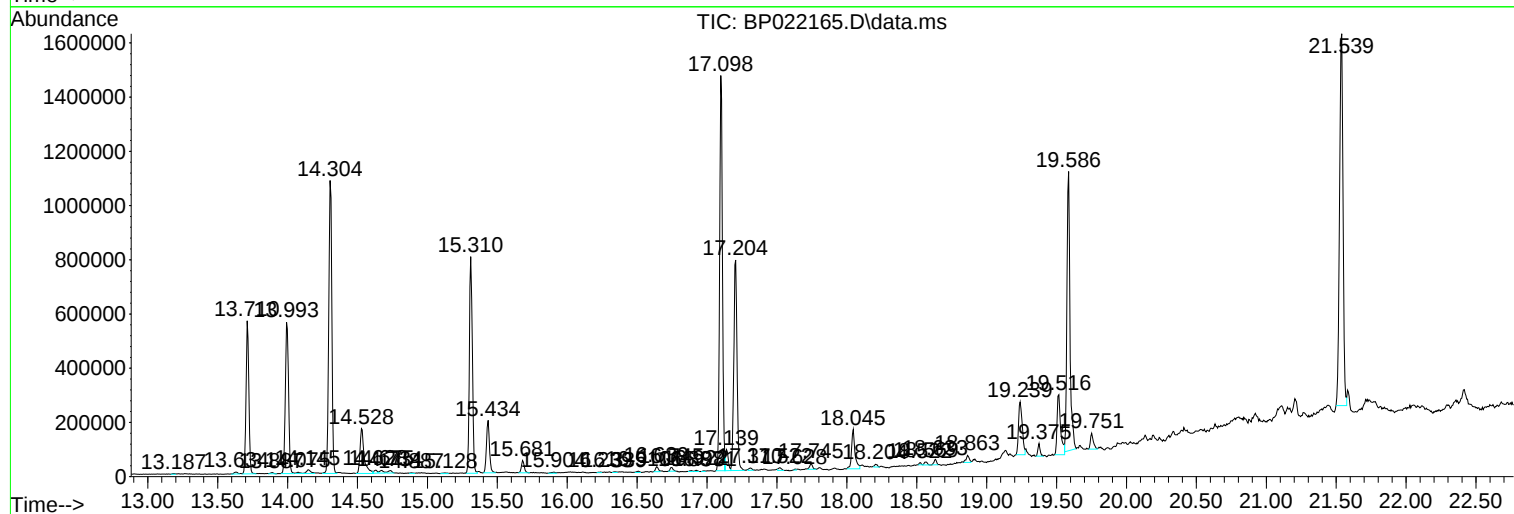
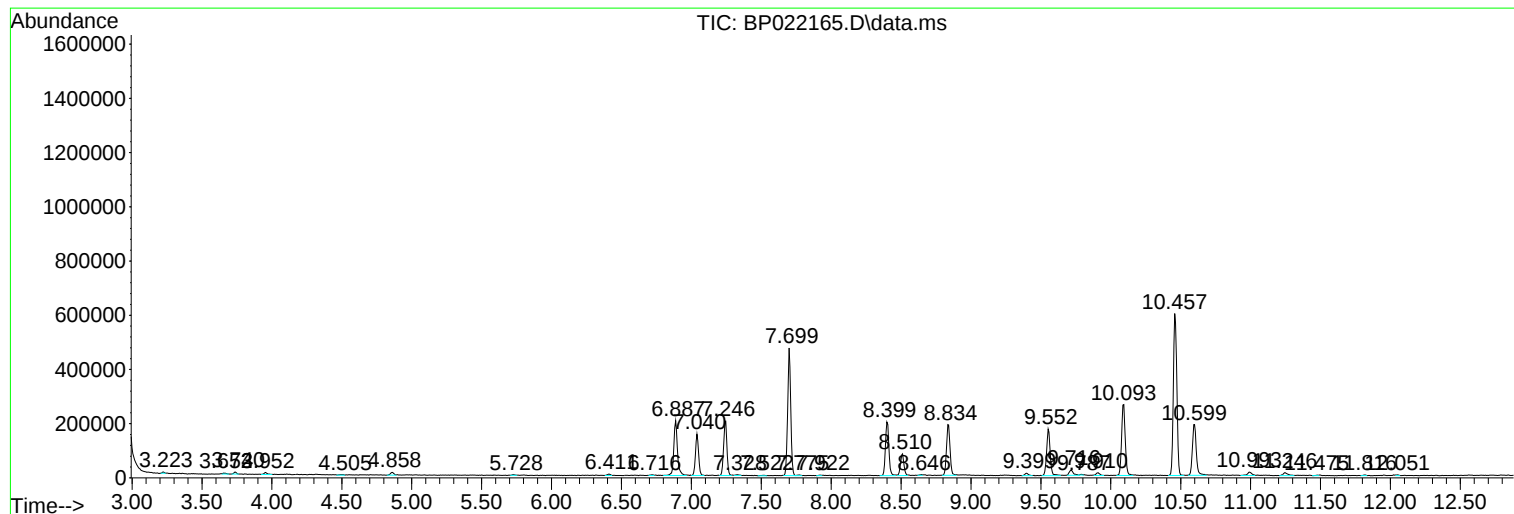
Sum of corrected areas: 22927427

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022165.D  
Acq On : 02 Oct 2024 16:49  
Operator : RC/JU  
Sample : P4010-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.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\BP100224\  
Data File : BP022165.D  
Acq On : 02 Oct 2024 16:49  
Operator : RC/JU  
Sample : P4010-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

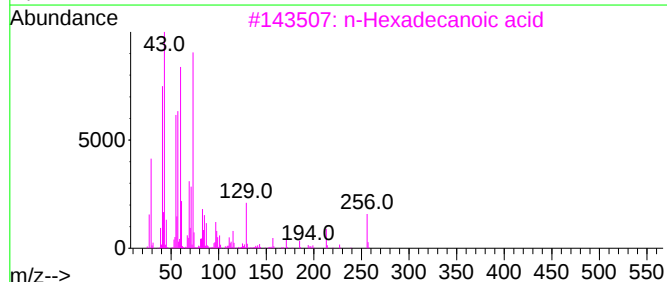
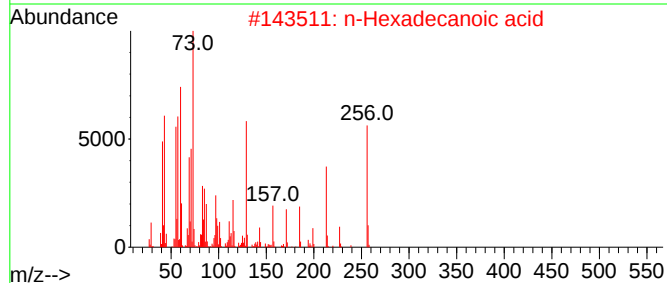
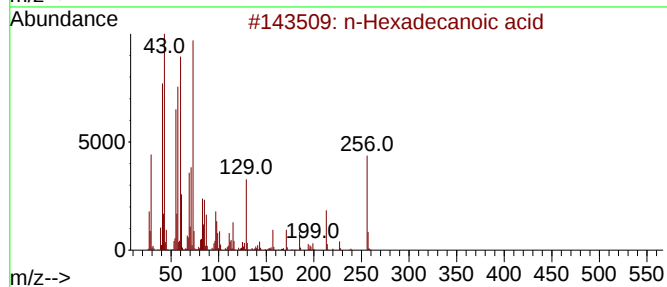
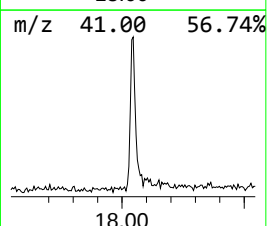
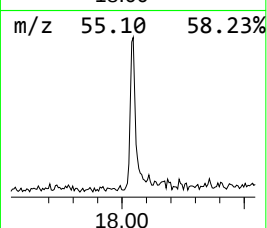
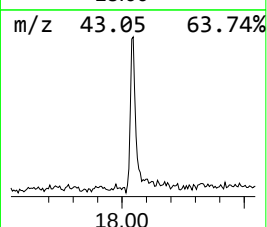
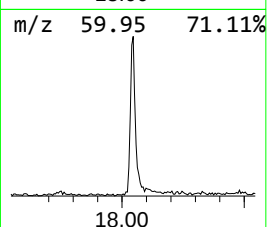
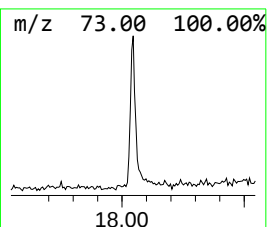
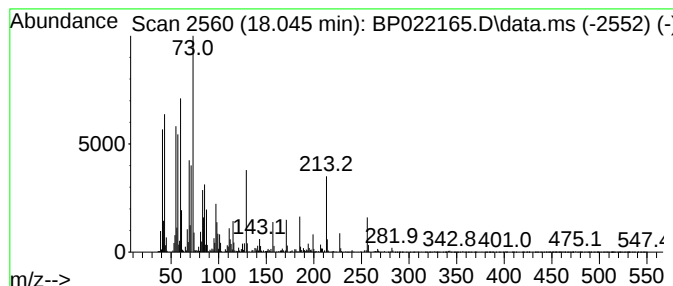
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.045 | 2.35 ng/ul | 245138 | Phenanthrene-d10 | 17.098 |

| 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 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |



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ALS Vial : 10 Sample Multiplier: 1

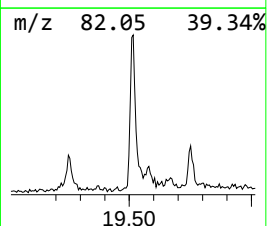
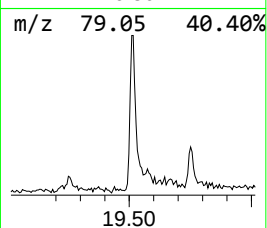
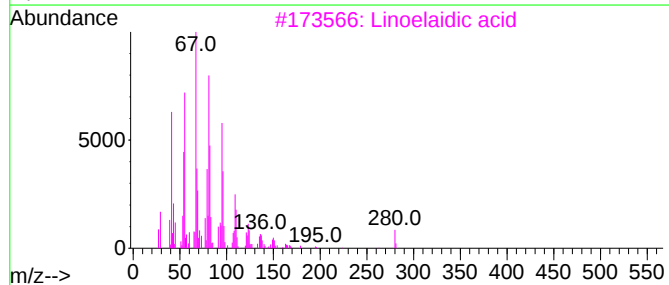
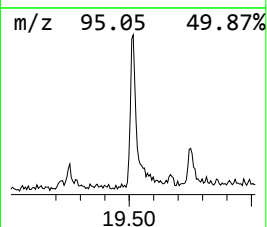
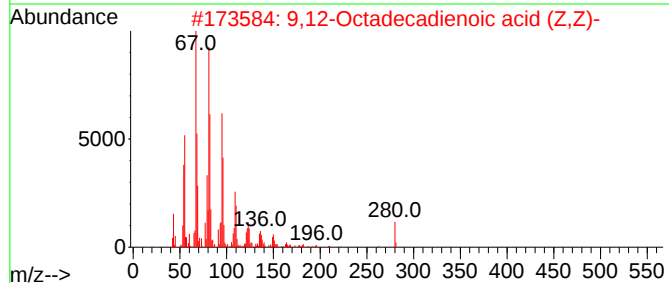
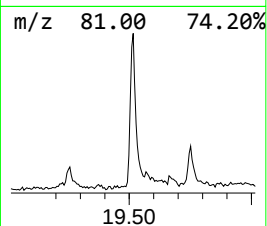
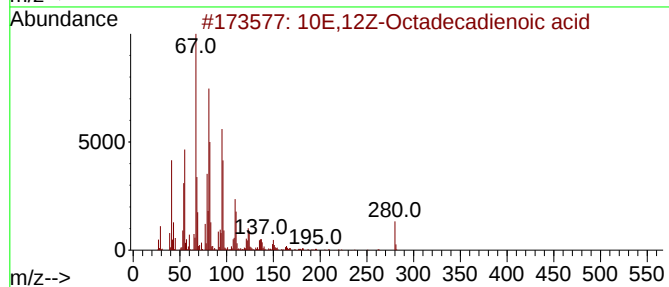
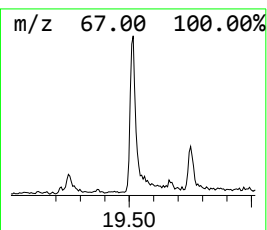
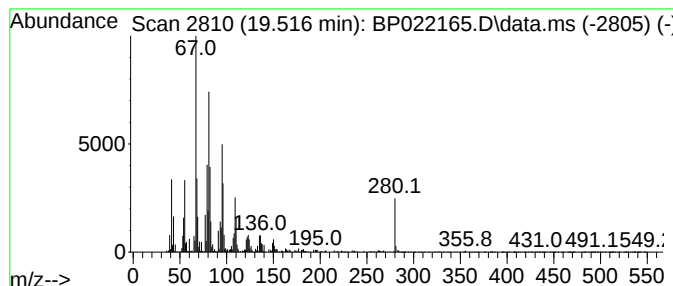
Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 10E,12Z-Octadecadienoic acid Concentration Rank 2

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 19.516    | 3.32 ng/ul                       | 397010 | Chrysene-d12     | 21.539      |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm          | CAS#        | Qual |
| 1         | 10E,12Z-Octadecadienoic acid     | 280    | C18H32O2         | 002420-56-6 | 94   |
| 2         | 9,12-Octadecadienoic acid (Z,Z)- | 280    | C18H32O2         | 000060-33-3 | 89   |
| 3         | Linoelaidic acid                 | 280    | C18H32O2         | 000506-21-8 | 87   |
| 4         | 3,4-Octadiene, 7-methyl-         | 124    | C9H16            | 037050-05-8 | 87   |
| 5         | 7-Hexadecyne                     | 222    | C16H30           | 074685-28-2 | 72   |



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ALS Vial : 10 Sample Multiplier: 1

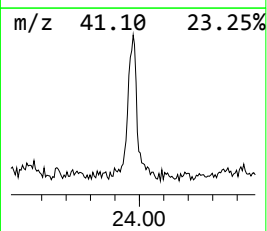
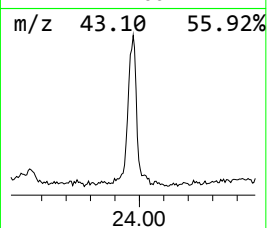
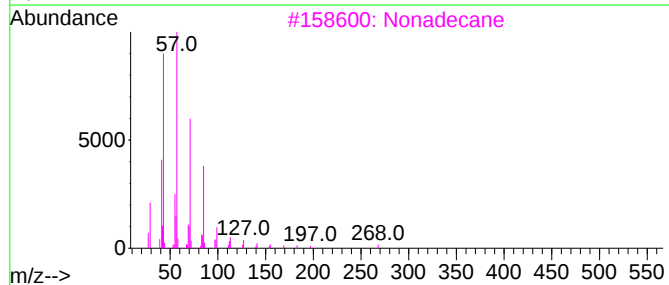
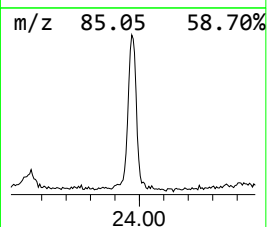
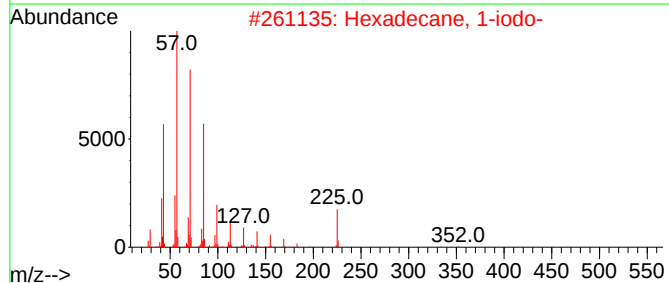
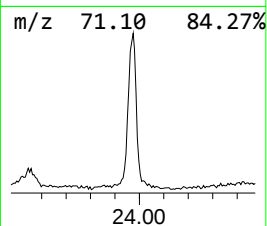
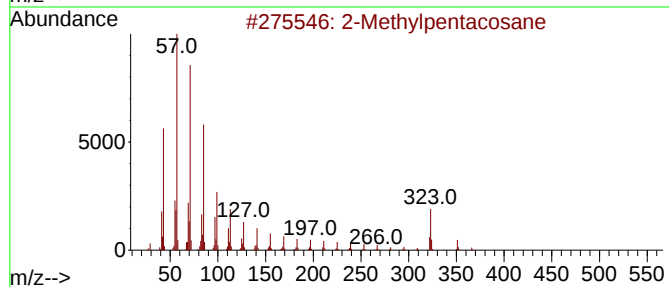
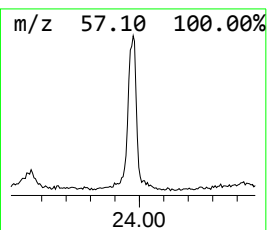
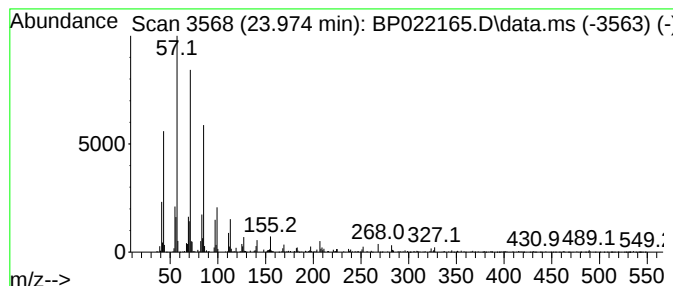
Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 23.974    | 3.39 ng/ul                          | 407697 | Perylene-d12     | 24.816      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2-Methylpentacosane                 | 366    | C26H54           | 000629-87-8 | 95   |
| 2         | Hexadecane, 1-iodo-                 | 352    | C16H33I          | 000544-77-4 | 94   |
| 3         | Nonadecane                          | 268    | C19H40           | 000629-92-5 | 93   |
| 4         | Docosane, 11-butyl-                 | 366    | C26H54           | 013475-76-8 | 93   |
| 5         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022165.D  
Acq On : 02 Oct 2024 16:49  
Operator : RC/JU  
Sample : P4010-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AW0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.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 ... | 18.045 | 2.4     | ng/ul | 245138   | 4                     | 17.098 | 2090010 | 20.0 |
| 10E,12Z-Octadec... | 19.516 | 3.3     | ng/ul | 397010   | 5                     | 21.539 | 2392840 | 20.0 |
| (DEL) Alkane: S... | 23.974 | 3.4     | ng/ul | 407697   | 6                     | 24.816 | 2406330 | 20.0 |