

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040624\  
 Data File : BN030719.D  
 Acq On : 06 Apr 2024 22:23  
 Operator : MA/JU  
 Sample : P1948-19  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COAL1

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\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN030719.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         | 3.158       | 25            | 29          | 36           | rBV2     | 324141         | 561935        | 7.21%           | 0.995%        |
| 2         | 3.223       | 36            | 40          | 53           | rVB      | 500684         | 760261        | 9.76%           | 1.346%        |
| 3         | 3.464       | 77            | 81          | 89           | rBV2     | 19846          | 31892         | 0.41%           | 0.056%        |
| 4         | 3.599       | 102           | 104         | 119          | rBV      | 211478         | 357068        | 4.58%           | 0.632%        |
| 5         | 3.917       | 154           | 158         | 161          | rBV2     | 6898           | 9680          | 0.12%           | 0.017%        |
| 6         | 4.434       | 241           | 246         | 254          | rVB6     | 10764          | 20303         | 0.26%           | 0.036%        |
| 7         | 6.175       | 538           | 542         | 549          | rBV7     | 4548           | 8052          | 0.10%           | 0.014%        |
| 8         | 6.858       | 652           | 658         | 670          | rVB      | 154406         | 253835        | 3.26%           | 0.449%        |
| 9         | 7.028       | 678           | 687         | 701          | rVB      | 640418         | 996278        | 12.79%          | 1.764%        |
| 10        | 7.216       | 711           | 719         | 731          | rBV      | 575616         | 933771        | 11.99%          | 1.653%        |
| 11        | 7.305       | 731           | 734         | 741          | rVB9     | 6265           | 10952         | 0.14%           | 0.019%        |
| 12        | 7.687       | 792           | 799         | 807          | rBV      | 423161         | 656749        | 8.43%           | 1.163%        |
| 13        | 7.805       | 812           | 819         | 827          | rVB      | 289830         | 459232        | 5.90%           | 0.813%        |
| 14        | 8.387       | 912           | 918         | 931          | rBV      | 486330         | 796590        | 10.23%          | 1.410%        |
| 15        | 8.840       | 988           | 995         | 1006         | rBV      | 777934         | 1257682       | 16.15%          | 2.227%        |
| 16        | 9.005       | 1017          | 1023        | 1028         | rVB6     | 9710           | 17591         | 0.23%           | 0.031%        |
| 17        | 9.252       | 1060          | 1065        | 1069         | rVB4     | 11077          | 17094         | 0.22%           | 0.030%        |
| 18        | 9.558       | 1109          | 1117        | 1125         | rBV      | 612222         | 989498        | 12.70%          | 1.752%        |
| 19        | 9.781       | 1152          | 1155        | 1163         | rVB7     | 3810           | 8444          | 0.11%           | 0.015%        |
| 20        | 10.093      | 1200          | 1208        | 1221         | rBV      | 932205         | 1579207       | 20.27%          | 2.796%        |
| 21        | 10.252      | 1230          | 1235        | 1239         | rBV5     | 4641           | 8541          | 0.11%           | 0.015%        |
| 22        | 10.469      | 1265          | 1272        | 1280         | rBV      | 675815         | 1110333       | 14.25%          | 1.966%        |
| 23        | 10.610      | 1289          | 1296        | 1315         | rVB      | 947993         | 1587607       | 20.38%          | 2.811%        |
| 24        | 11.216      | 1394          | 1399        | 1403         | rBV6     | 5172           | 8212          | 0.11%           | 0.015%        |
| 25        | 11.740      | 1483          | 1488        | 1495         | rBV2     | 8597           | 13156         | 0.17%           | 0.023%        |
| 26        | 12.063      | 1535          | 1543        | 1548         | rBV      | 19771          | 31949         | 0.41%           | 0.057%        |
| 27        | 13.228      | 1736          | 1741        | 1748         | rVB      | 20255          | 36689         | 0.47%           | 0.065%        |
| 28        | 13.299      | 1748          | 1753        | 1757         | rBV7     | 5638           | 10863         | 0.14%           | 0.019%        |
| 29        | 13.746      | 1822          | 1829        | 1838         | rBV      | 2178473        | 3064036       | 39.33%          | 5.425%        |
| 30        | 13.863      | 1844          | 1849        | 1853         | rVB7     | 6629           | 9930          | 0.13%           | 0.018%        |
| 31        | 14.022      | 1865          | 1876        | 1889         | rBV      | 2410412        | 3646497       | 46.81%          | 6.456%        |
| 32        | 14.328      | 1922          | 1928        | 1937         | rBV      | 1141346        | 1709806       | 21.95%          | 3.027%        |
| 33        | 14.534      | 1956          | 1963        | 1977         | rBV2     | 155467         | 296026        | 3.80%           | 0.524%        |
| 34        | 14.681      | 1985          | 1988        | 1994         | rVB8     | 7337           | 11567         | 0.15%           | 0.020%        |
| 35        | 14.751      | 1996          | 2000        | 2006         | rVV7     | 8769           | 17286         | 0.22%           | 0.031%        |
| 36        | 15.081      | 2051          | 2056        | 2060         | rBV7     | 5021           | 8535          | 0.11%           | 0.015%        |

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 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AL1

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\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.140 | 2060 | 2066 | 2069 | rBV  | 9286    | 15426   | 0.20%   | 0.027%  |
| 38 | 15.328 | 2091 | 2098 | 2109 | rBV  | 3283837 | 4772518 | 61.27%  | 8.449%  |
| 39 | 15.445 | 2111 | 2118 | 2131 | rVV  | 874403  | 1282266 | 16.46%  | 2.270%  |
| 40 | 15.563 | 2134 | 2138 | 2144 | rVB2 | 19121   | 30315   | 0.39%   | 0.054%  |
| 41 | 16.110 | 2227 | 2231 | 2236 | rVB3 | 13380   | 17984   | 0.23%   | 0.032%  |
| 42 | 16.481 | 2291 | 2294 | 2300 | rBV6 | 9262    | 13031   | 0.17%   | 0.023%  |
| 43 | 16.757 | 2337 | 2341 | 2345 | rVB6 | 5551    | 8290    | 0.11%   | 0.015%  |
| 44 | 17.081 | 2389 | 2396 | 2403 | rBV  | 1550824 | 2204307 | 28.30%  | 3.903%  |
| 45 | 17.175 | 2405 | 2412 | 2422 | rBV2 | 3804911 | 5451734 | 69.99%  | 9.652%  |
| 46 | 17.369 | 2442 | 2445 | 2452 | rBV  | 8104    | 11959   | 0.15%   | 0.021%  |
| 47 | 17.445 | 2454 | 2458 | 2461 | rBV3 | 12938   | 21099   | 0.27%   | 0.037%  |
| 48 | 17.757 | 2508 | 2511 | 2516 | rVB7 | 8345    | 11848   | 0.15%   | 0.021%  |
| 49 | 17.804 | 2516 | 2519 | 2523 | rBV6 | 5128    | 8016    | 0.10%   | 0.014%  |
| 50 | 17.851 | 2524 | 2527 | 2533 | rVB7 | 5045    | 10114   | 0.13%   | 0.018%  |
| 51 | 17.981 | 2543 | 2549 | 2556 | rBV  | 203910  | 301208  | 3.87%   | 0.533%  |
| 52 | 18.416 | 2620 | 2623 | 2627 | rVB5 | 12536   | 13199   | 0.17%   | 0.023%  |
| 53 | 18.734 | 2674 | 2677 | 2681 | rBV6 | 5704    | 11065   | 0.14%   | 0.020%  |
| 54 | 19.039 | 2725 | 2729 | 2735 | rVB  | 60206   | 79453   | 1.02%   | 0.141%  |
| 55 | 19.110 | 2737 | 2741 | 2745 | rBV  | 55976   | 73127   | 0.94%   | 0.129%  |
| 56 | 19.269 | 2763 | 2768 | 2774 | rBV  | 115752  | 165316  | 2.12%   | 0.293%  |
| 57 | 19.363 | 2780 | 2784 | 2790 | rVB2 | 22004   | 31352   | 0.40%   | 0.056%  |
| 58 | 19.422 | 2791 | 2794 | 2797 | rVB4 | 14402   | 16394   | 0.21%   | 0.029%  |
| 59 | 19.481 | 2797 | 2804 | 2811 | rBV  | 4805639 | 6748646 | 86.63%  | 11.948% |
| 60 | 21.004 | 3059 | 3063 | 3070 | rBV2 | 142288  | 207225  | 2.66%   | 0.367%  |
| 61 | 21.316 | 3110 | 3116 | 3123 | rBV  | 1887935 | 2730906 | 35.06%  | 4.835%  |
| 62 | 24.057 | 3572 | 3582 | 3594 | rVB2 | 3179921 | 7789772 | 100.00% | 13.791% |
| 63 | 24.251 | 3607 | 3615 | 3632 | rVB  | 1214993 | 3160416 | 40.57%  | 5.595%  |

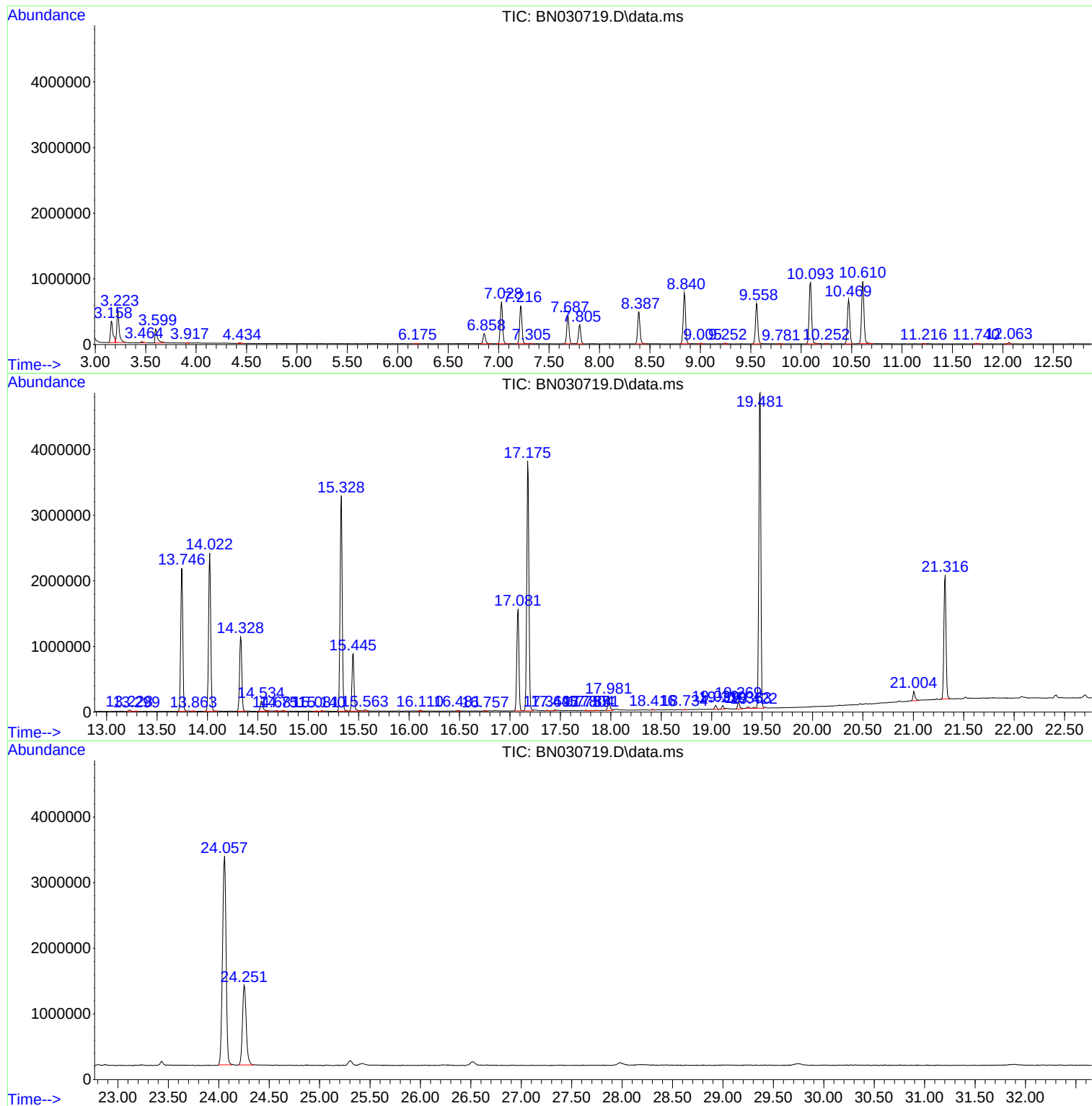
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Sample : P1948-19  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AL1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040624\  
Data File : BN030719.D  
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ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_N  
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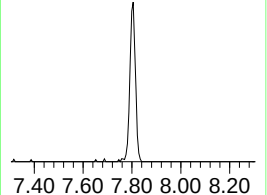
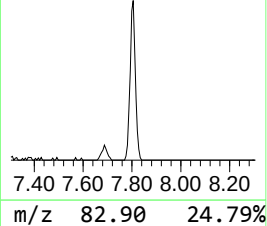
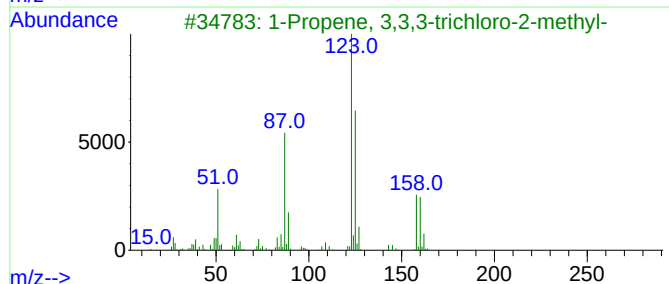
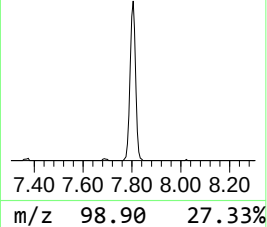
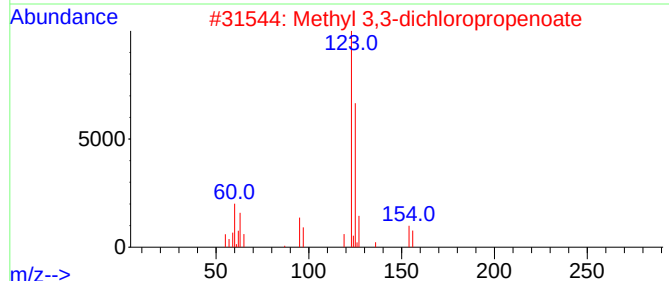
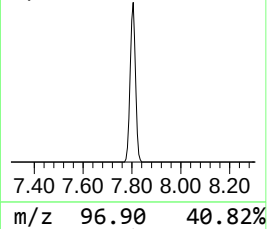
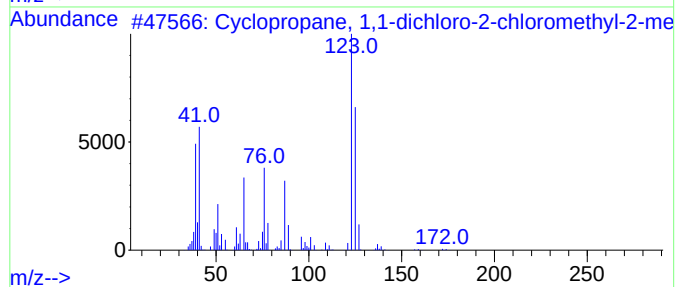
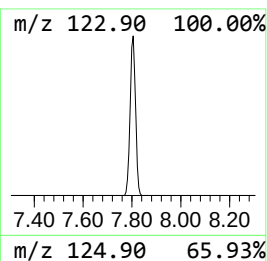
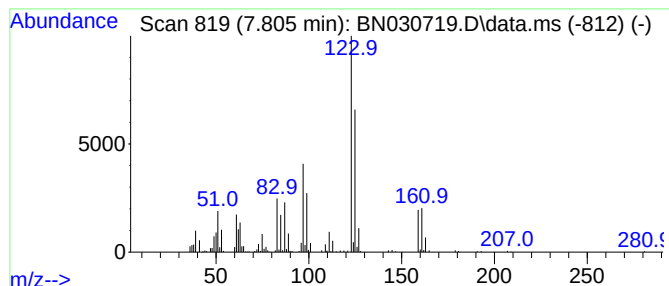
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.805 | 13.98 ng/ul | 459232 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclopropane, 1,1-dichloro-2-chl... | 172 | C5H7Cl3   | 015997-19-0  | 38   |
| 2    |    |   | Methyl 3,3-dichloropropenoate       | 154 | C4H4Cl2O2 | 002257-46-7  | 25   |
| 3    |    |   | 1-Propene, 3,3,3-trichloro-2-met... | 158 | C4H5Cl3   | 004749-27-3  | 16   |
| 4    |    |   | 4-Fluoro-.alpha.-methylbenzyl al... | 210 | C13H19FO  | 1010394-95-5 | 10   |
| 5    |    |   | 4-Pyridinecarboxylic acid           | 123 | C6H5NO2   | 000055-22-1  | 10   |



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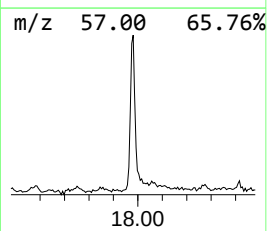
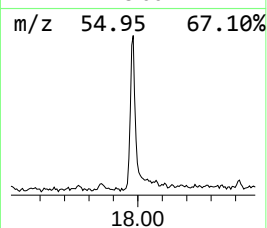
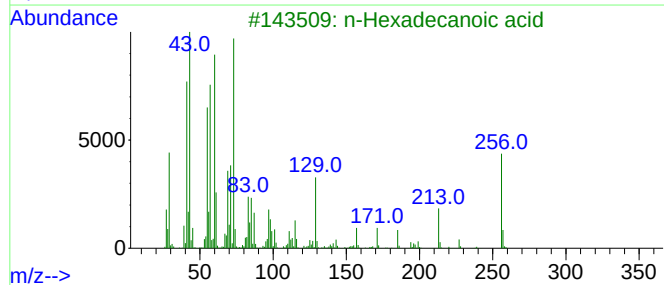
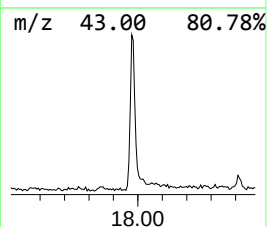
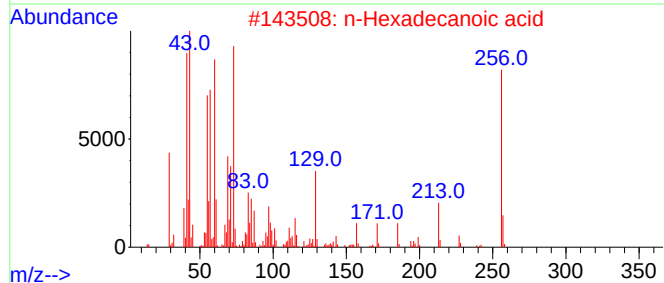
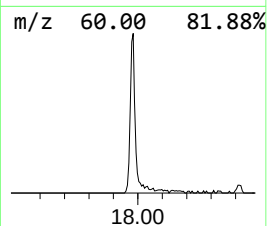
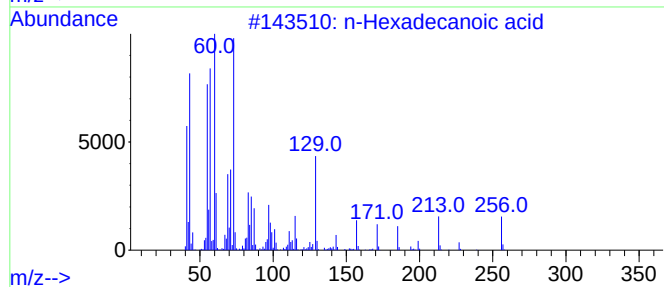
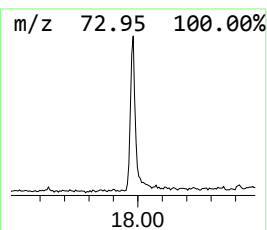
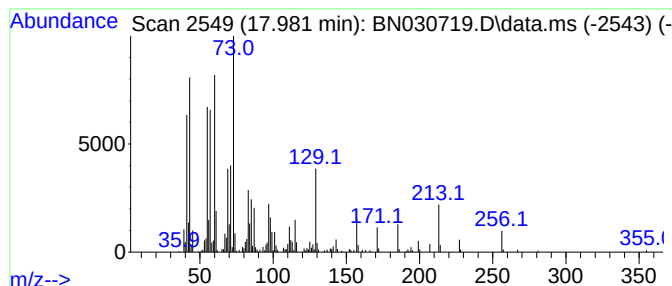
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.981 | 2.73 ng/ul | 301208 | Phenanthrene-d10 | 17.081 |

| 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 | 93   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.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 |
| unknown-01         | 7.805  | 14.0    | ng/u1 | 459232   | 1                     | 7.687  | 656749  | 20.0 |
| n-Hexadecanoic ... | 17.981 | 2.7     | ng/u1 | 301208   | 4                     | 17.081 | 2204310 | 20.0 |