

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061722\  
 Data File : BN020237.D  
 Acq On : 17 Jun 2022 13:43  
 Operator : CG/JU  
 Sample : N3313-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 YB7L2

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-BN060622.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN020237.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         | 3.229       | 20            | 24          | 26           | rBV      | 39204          | 50514         | 1.13%           | 0.127%        |
| 2         | 3.252       | 26            | 28          | 33           | rVB      | 23976          | 30089         | 0.67%           | 0.076%        |
| 3         | 3.540       | 75            | 77          | 82           | rBV      | 6858           | 9828          | 0.22%           | 0.025%        |
| 4         | 3.664       | 96            | 98          | 110          | rBV      | 123303         | 224306        | 5.01%           | 0.564%        |
| 5         | 3.905       | 135           | 139         | 145          | rVB2     | 12022          | 19315         | 0.43%           | 0.049%        |
| 6         | 3.999       | 151           | 155         | 161          | rVB2     | 7613           | 12427         | 0.28%           | 0.031%        |
| 7         | 4.523       | 239           | 244         | 260          | rVB      | 260724         | 453140        | 10.12%          | 1.139%        |
| 8         | 4.905       | 304           | 309         | 317          | rBV3     | 7146           | 14994         | 0.33%           | 0.038%        |
| 9         | 6.987       | 656           | 663         | 675          | rBV      | 116710         | 202589        | 4.52%           | 0.509%        |
| 10        | 7.122       | 680           | 686         | 695          | rBV      | 425859         | 701618        | 15.67%          | 1.764%        |
| 11        | 7.334       | 715           | 722         | 734          | rBV      | 436425         | 734910        | 16.41%          | 1.848%        |
| 12        | 7.793       | 793           | 800         | 809          | rBV      | 383128         | 641994        | 14.34%          | 1.614%        |
| 13        | 7.869       | 809           | 813         | 819          | rVB7     | 2977           | 4553          | 0.10%           | 0.011%        |
| 14        | 8.517       | 916           | 923         | 939          | rBV      | 375717         | 658138        | 14.70%          | 1.655%        |
| 15        | 8.940       | 988           | 995         | 1012         | rBV      | 559133         | 964372        | 21.53%          | 2.425%        |
| 16        | 9.087       | 1016          | 1020        | 1022         | rBV5     | 3573           | 5181          | 0.12%           | 0.013%        |
| 17        | 9.664       | 1110          | 1118        | 1127         | rBV      | 464570         | 784215        | 17.51%          | 1.972%        |
| 18        | 10.216      | 1204          | 1212        | 1226         | rBV      | 689582         | 1245190       | 27.80%          | 3.131%        |
| 19        | 10.581      | 1265          | 1274        | 1282         | rBV      | 641279         | 1123673       | 25.09%          | 2.825%        |
| 20        | 10.716      | 1289          | 1297        | 1318         | rBV      | 664083         | 1224237       | 27.34%          | 3.078%        |
| 21        | 11.410      | 1408          | 1415        | 1418         | rBV6     | 3207           | 6566          | 0.15%           | 0.017%        |
| 22        | 11.981      | 1509          | 1512        | 1522         | rBV9     | 2330           | 5451          | 0.12%           | 0.014%        |
| 23        | 12.175      | 1540          | 1545        | 1551         | rBV2     | 11488          | 19983         | 0.45%           | 0.050%        |
| 24        | 13.263      | 1725          | 1730        | 1736         | rBV4     | 3608           | 5926          | 0.13%           | 0.015%        |
| 25        | 13.834      | 1820          | 1827        | 1840         | rBV      | 1575410        | 2271402       | 50.72%          | 5.711%        |
| 26        | 13.963      | 1844          | 1849        | 1855         | rVB3     | 5776           | 8956          | 0.20%           | 0.023%        |
| 27        | 14.110      | 1866          | 1874        | 1889         | rBV      | 1655427        | 2590004       | 57.83%          | 6.512%        |
| 28        | 14.422      | 1919          | 1927        | 1940         | rBV      | 1074438        | 1640913       | 36.64%          | 4.126%        |
| 29        | 14.675      | 1963          | 1970        | 1984         | rBV      | 81525          | 175014        | 3.91%           | 0.440%        |
| 30        | 14.846      | 1996          | 1999        | 2006         | rVB7     | 7402           | 10629         | 0.24%           | 0.027%        |
| 31        | 15.234      | 2059          | 2065        | 2070         | rBV4     | 7700           | 13712         | 0.31%           | 0.034%        |
| 32        | 15.410      | 2088          | 2095        | 2109         | rBV      | 2351483        | 3443853       | 76.90%          | 8.659%        |
| 33        | 15.534      | 2109          | 2116        | 2130         | rVV      | 861153         | 1226133       | 27.38%          | 3.083%        |
| 34        | 15.651      | 2130          | 2136        | 2147         | rVB      | 29191          | 47588         | 1.06%           | 0.120%        |
| 35        | 16.146      | 2217          | 2220        | 2222         | rVV2     | 5144           | 5710          | 0.13%           | 0.014%        |
| 36        | 16.193      | 2224          | 2228        | 2235         | rVB5     | 9160           | 15628         | 0.35%           | 0.039%        |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 YB7L2

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-BN060622.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 16.840 | 2335 | 2338 | 2343 | rVB5 | 5551    | 8122    | 0.18%   | 0.020%  |
| 38 | 16.940 | 2350 | 2355 | 2359 | rBV3 | 7816    | 15433   | 0.34%   | 0.039%  |
| 39 | 17.163 | 2386 | 2393 | 2402 | rBV  | 1319922 | 1957420 | 43.71%  | 4.921%  |
| 40 | 17.263 | 2403 | 2410 | 2423 | rVV  | 2550672 | 3908029 | 87.26%  | 9.826%  |
| 41 | 17.363 | 2423 | 2427 | 2432 | rVB6 | 7330    | 13527   | 0.30%   | 0.034%  |
| 42 | 17.845 | 2504 | 2509 | 2513 | rBV2 | 22753   | 29235   | 0.65%   | 0.074%  |
| 43 | 18.069 | 2542 | 2547 | 2556 | rBV  | 207213  | 364496  | 8.14%   | 0.916%  |
| 44 | 18.134 | 2556 | 2558 | 2563 | rVB  | 18800   | 24414   | 0.55%   | 0.061%  |
| 45 | 18.375 | 2595 | 2599 | 2601 | rBV5 | 3218    | 5035    | 0.11%   | 0.013%  |
| 46 | 18.616 | 2637 | 2640 | 2643 | rBV5 | 3069    | 4628    | 0.10%   | 0.012%  |
| 47 | 19.004 | 2703 | 2706 | 2708 | rBV4 | 3458    | 4604    | 0.10%   | 0.012%  |
| 48 | 19.122 | 2721 | 2726 | 2730 | rVB2 | 35250   | 48978   | 1.09%   | 0.123%  |
| 49 | 19.192 | 2733 | 2738 | 2743 | rBV  | 38561   | 62005   | 1.38%   | 0.156%  |
| 50 | 19.351 | 2760 | 2765 | 2773 | rBV  | 130204  | 200829  | 4.48%   | 0.505%  |
| 51 | 19.498 | 2787 | 2790 | 2794 | rVB5 | 15986   | 16589   | 0.37%   | 0.042%  |
| 52 | 19.557 | 2794 | 2800 | 2809 | rBV  | 3241266 | 4478382 | 100.00% | 11.260% |
| 53 | 19.804 | 2839 | 2842 | 2847 | rBV  | 21157   | 24580   | 0.55%   | 0.062%  |
| 54 | 20.116 | 2893 | 2895 | 2899 | rVB5 | 9444    | 10540   | 0.24%   | 0.026%  |
| 55 | 20.569 | 2969 | 2972 | 2976 | rVB  | 30569   | 33893   | 0.76%   | 0.085%  |
| 56 | 21.092 | 3056 | 3061 | 3077 | rBV2 | 113970  | 377659  | 8.43%   | 0.950%  |
| 57 | 21.351 | 3100 | 3105 | 3118 | rBV2 | 1474510 | 2087685 | 46.62%  | 5.249%  |
| 58 | 22.975 | 3379 | 3381 | 3387 | rVB4 | 57303   | 80148   | 1.79%   | 0.202%  |
| 59 | 23.522 | 3466 | 3474 | 3481 | rBV  | 1777405 | 3570885 | 79.74%  | 8.978%  |
| 60 | 23.669 | 3492 | 3499 | 3510 | rVB2 | 829849  | 1719923 | 38.41%  | 4.324%  |
| 61 | 24.263 | 3596 | 3600 | 3608 | rVB3 | 68935   | 134203  | 3.00%   | 0.337%  |

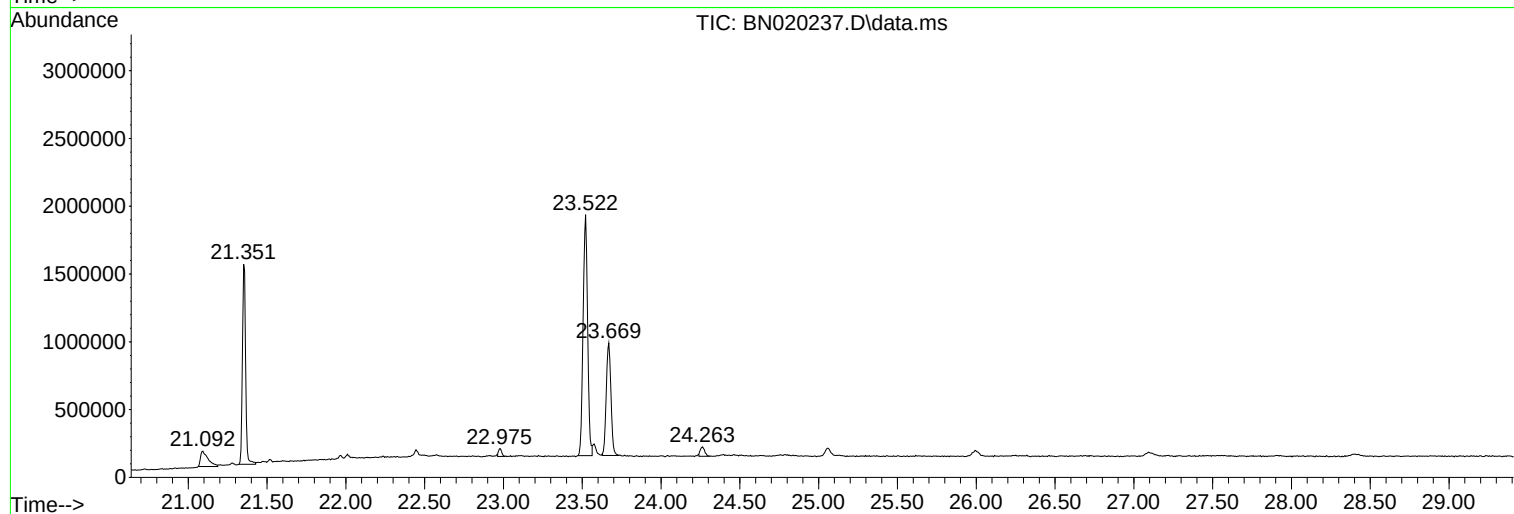
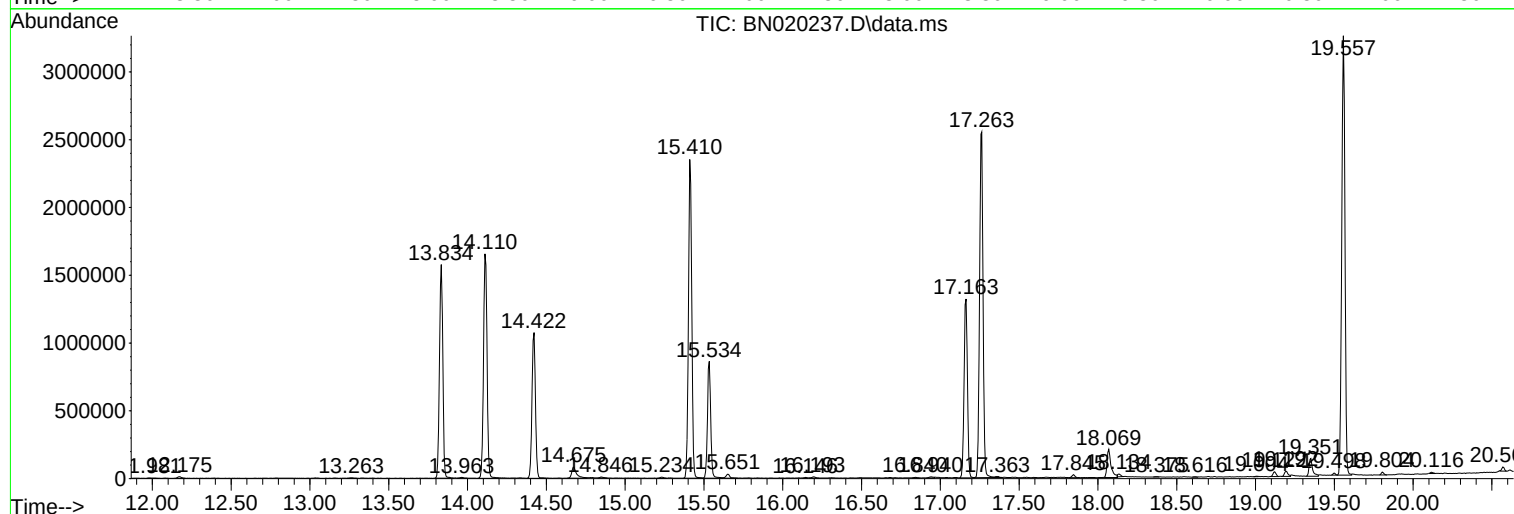
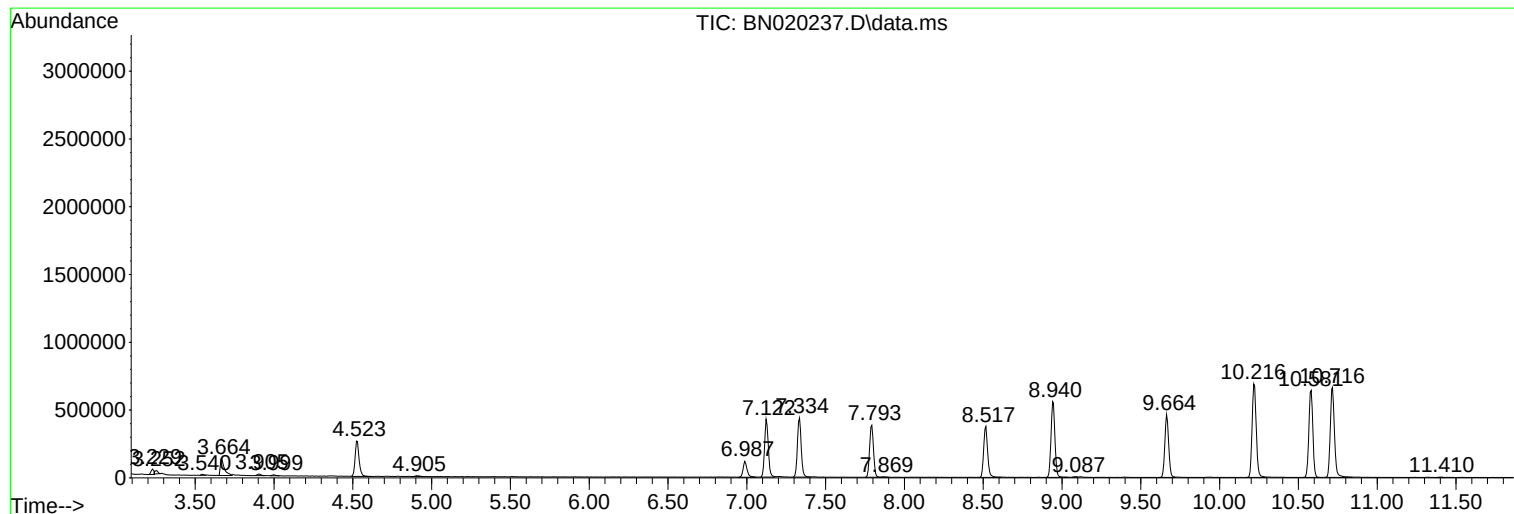
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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
YB7L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.M  
Quant Title : SVOA CALIBRATION

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



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Sample : N3313-02  
Misc :  
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Instrument :  
BNA\_N  
ClientSampleId :  
YB7L2

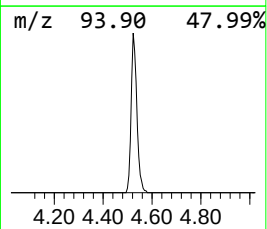
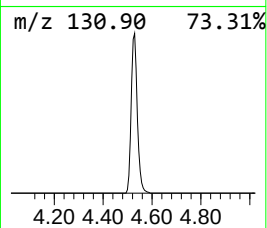
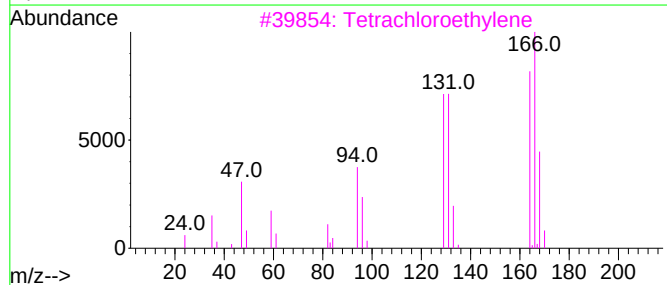
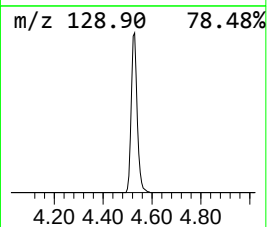
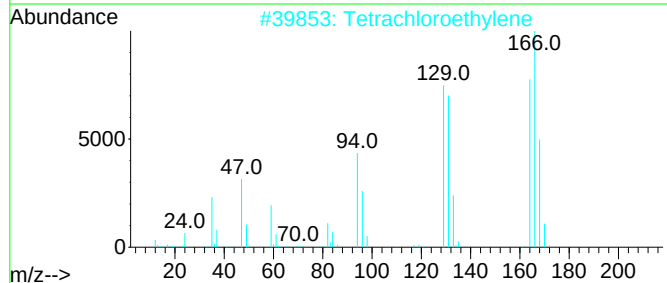
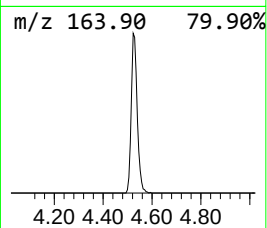
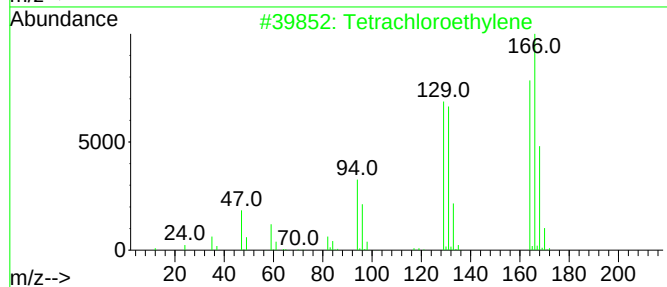
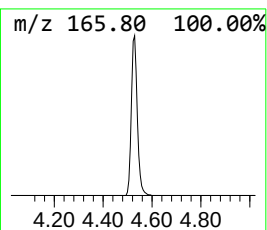
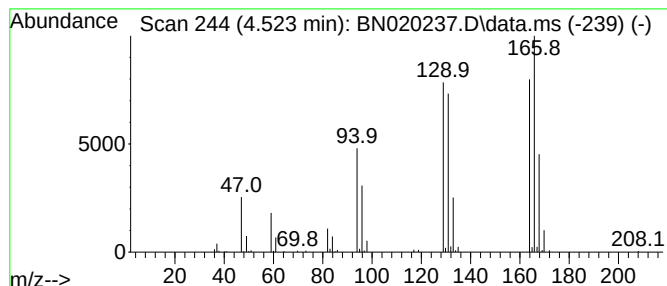
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 4.523 | 14.12 ng/ul | 453140 | 1,4-Dichlorobenzene-d4 | 7.793 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 97   |
| 2    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 97   |
| 3    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 4    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 5    |    |   | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HC12FN2 | 002927-71-1 | 25   |



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Instrument :  
BNA\_N  
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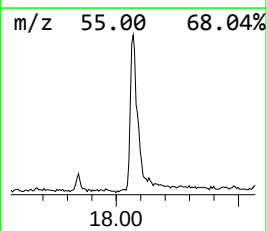
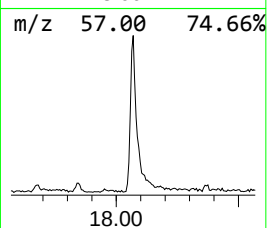
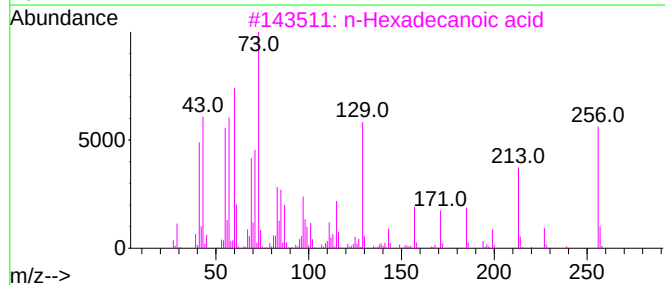
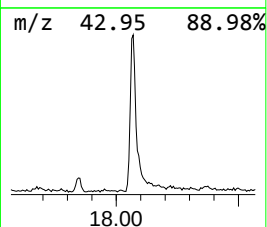
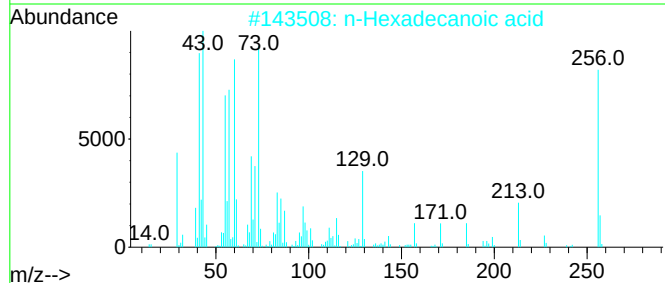
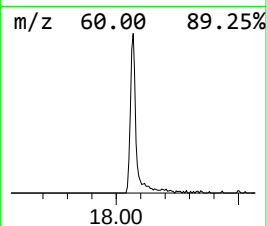
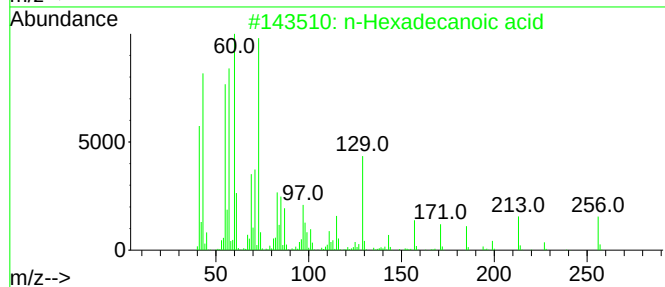
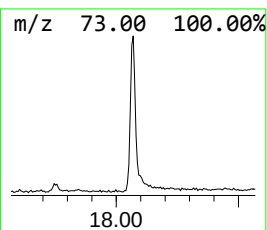
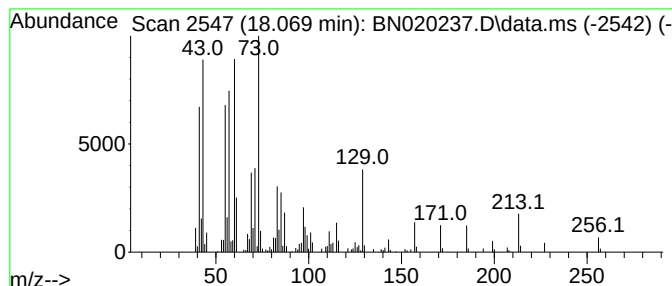
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.069 | 3.72 ng/ul | 364496 | Phenanthrene-d10 | 17.163 |

| 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 | 99      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 5    | Pentadecanoic acid  | 242 | C15H30O2     | 001002-84-2 | 93      |      |      |



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Instrument :  
BNA\_N  
ClientSampleId :  
YB7L2

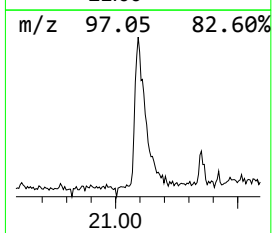
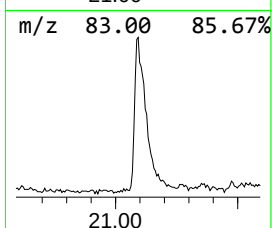
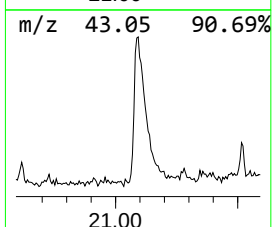
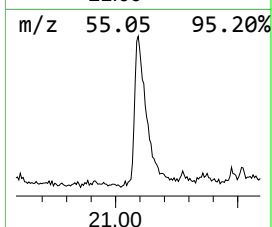
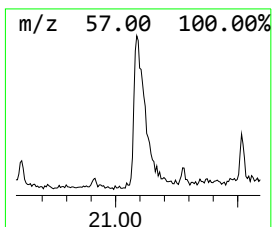
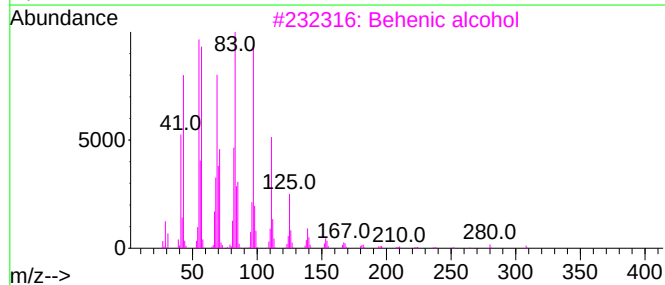
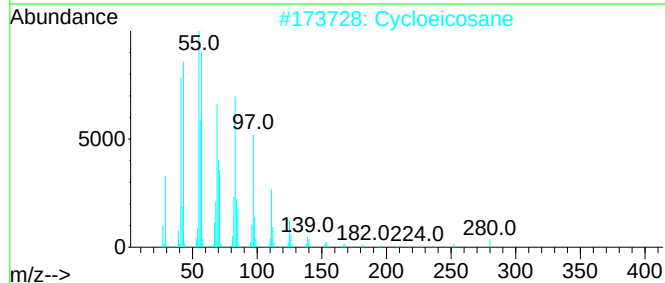
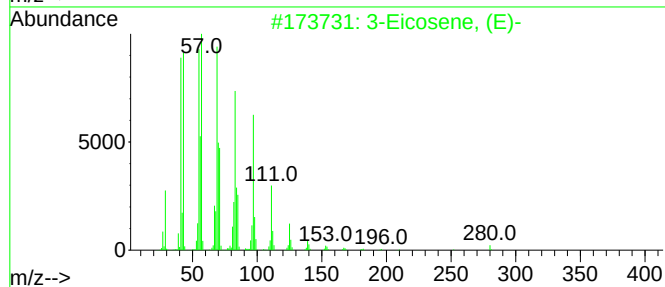
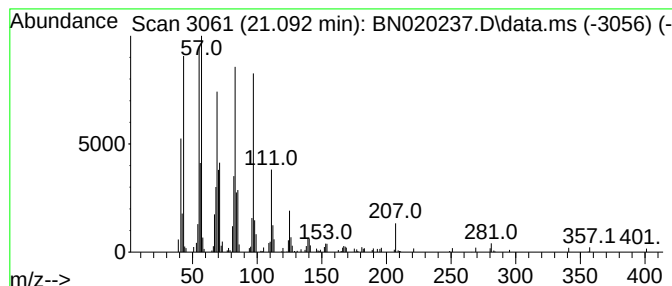
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.092 | 3.62 ng/ul | 377659 | Chrysene-d12     | 21.351 |

| Hit# | of               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|---|--------------|-----|---------|-------------|------|
| 1    | 3-Eicosene, (E)- |   |              | 280 | C20H40  | 074685-33-9 | 98   |
| 2    | Cycloeicosane    |   |              | 280 | C20H40  | 000296-56-0 | 97   |
| 3    | Behenic alcohol  |   |              | 326 | C22H46O | 000661-19-8 | 95   |
| 4    | 1-Heneicosanol   |   |              | 312 | C21H44O | 015594-90-8 | 95   |
| 5    | n-Nonadecanol-1  |   |              | 284 | C19H40O | 001454-84-8 | 95   |



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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :  
YB7L2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.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 |
| Tetrachloroethy... | 4.523  | 14.1    | ng/ul | 453140   | 1                     | 7.793  | 641994  | 20.0 |
| n-Hexadecanoic ... | 18.069 | 3.7     | ng/ul | 364496   | 4                     | 17.163 | 1957420 | 20.0 |
| (DEL) Alkane: S... | 21.092 | 3.6     | ng/ul | 377659   | 5                     | 21.351 | 2087690 | 20.0 |