

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
 Data File : BM017895.D  
 Acq On : 04 Dec 2018 03:56  
 Operator : JU/SJ  
 Sample : J6045-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB4T1

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 3.011       | 3             | 4           | 7            | rVB3     | 17958          | 13013         | 0.32%           | 0.051%        |
| 2         | 3.040       | 7             | 9           | 11           | rVV2     | 11045          | 8816          | 0.22%           | 0.035%        |
| 3         | 3.064       | 11            | 13          | 15           | rVV      | 14507          | 12334         | 0.30%           | 0.049%        |
| 4         | 3.093       | 15            | 18          | 25           | rVB      | 392303         | 423583        | 10.42%          | 1.671%        |
| 5         | 3.417       | 70            | 73          | 76           | rVB2     | 11987          | 13635         | 0.34%           | 0.054%        |
| 6         | 3.870       | 145           | 150         | 153          | rVB3     | 3243           | 5434          | 0.13%           | 0.021%        |
| 7         | 4.275       | 216           | 219         | 223          | rBV2     | 2848           | 4311          | 0.11%           | 0.017%        |
| 8         | 6.258       | 553           | 556         | 559          | rVB3     | 3484           | 4082          | 0.10%           | 0.016%        |
| 9         | 7.575       | 773           | 780         | 798          | rBV      | 655905         | 1156712       | 28.47%          | 4.563%        |
| 10        | 10.346      | 1243          | 1251        | 1274         | rBV      | 938504         | 1739339       | 42.81%          | 6.861%        |
| 11        | 13.557      | 1790          | 1797        | 1800         | rBV3     | 3526           | 5573          | 0.14%           | 0.022%        |
| 12        | 13.622      | 1805          | 1808        | 1813         | rVB5     | 4844           | 6636          | 0.16%           | 0.026%        |
| 13        | 13.951      | 1860          | 1864        | 1867         | rBV2     | 4337           | 4519          | 0.11%           | 0.018%        |
| 14        | 14.045      | 1877          | 1880        | 1884         | rVB4     | 5059           | 6008          | 0.15%           | 0.024%        |
| 15        | 14.228      | 1904          | 1911        | 1919         | rBV2     | 1435732        | 2364985       | 58.20%          | 9.329%        |
| 16        | 14.287      | 1919          | 1921        | 1927         | rVB      | 29658          | 42955         | 1.06%           | 0.169%        |
| 17        | 14.651      | 1978          | 1983        | 1992         | rBV2     | 9728           | 20279         | 0.50%           | 0.080%        |
| 18        | 14.716      | 1992          | 1994        | 1999         | rVB5     | 4064           | 5448          | 0.13%           | 0.021%        |
| 19        | 14.857      | 2017          | 2018        | 2025         | rVB2     | 3771           | 4074          | 0.10%           | 0.016%        |
| 20        | 15.092      | 2055          | 2058        | 2063         | rVB4     | 4037           | 7360          | 0.18%           | 0.029%        |
| 21        | 15.228      | 2076          | 2081        | 2082         | rBV3     | 4459           | 4385          | 0.11%           | 0.017%        |
| 22        | 15.298      | 2087          | 2093        | 2103         | rVB2     | 26757          | 60610         | 1.49%           | 0.239%        |
| 23        | 15.410      | 2109          | 2112        | 2116         | rBV4     | 3037           | 5528          | 0.14%           | 0.022%        |
| 24        | 15.445      | 2116          | 2118        | 2121         | rVV3     | 5321           | 7159          | 0.18%           | 0.028%        |
| 25        | 15.492      | 2121          | 2126        | 2133         | rVV      | 144363         | 223228        | 5.49%           | 0.881%        |
| 26        | 15.539      | 2133          | 2134        | 2138         | rVV3     | 4358           | 5481          | 0.13%           | 0.022%        |
| 27        | 15.592      | 2138          | 2143        | 2149         | rVB3     | 8236           | 15925         | 0.39%           | 0.063%        |
| 28        | 15.751      | 2165          | 2170        | 2177         | rVV3     | 8795           | 18797         | 0.46%           | 0.074%        |
| 29        | 15.828      | 2181          | 2183        | 2189         | rVB5     | 3904           | 5133          | 0.13%           | 0.020%        |
| 30        | 15.957      | 2200          | 2205        | 2206         | rBV2     | 4386           | 4899          | 0.12%           | 0.019%        |
| 31        | 16.298      | 2259          | 2263        | 2267         | rBV4     | 7668           | 10632         | 0.26%           | 0.042%        |
| 32        | 16.439      | 2284          | 2287        | 2290         | rBV3     | 5338           | 5260          | 0.13%           | 0.021%        |
| 33        | 16.516      | 2294          | 2300        | 2305         | rBV2     | 175861         | 244985        | 6.03%           | 0.966%        |
| 34        | 16.716      | 2328          | 2334        | 2335         | rBV5     | 7677           | 9520          | 0.23%           | 0.038%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
 Data File : BM017895.D  
 Acq On : 04 Dec 2018 03:56  
 Operator : JU/SJ  
 Sample : J6045-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB4T1

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 16.739 | 2335 | 2338 | 2341 | rVV4 | 6376    | 8001    | 0.20%  | 0.032%  |
| 36 | 16.775 | 2341 | 2344 | 2345 | rVV2 | 4721    | 5181    | 0.13%  | 0.020%  |
| 37 | 16.804 | 2345 | 2349 | 2357 | rVB2 | 28467   | 44451   | 1.09%  | 0.175%  |
| 38 | 16.904 | 2362 | 2366 | 2372 | rVB2 | 44837   | 64685   | 1.59%  | 0.255%  |
| 39 | 16.981 | 2372 | 2379 | 2383 | rBV  | 1889546 | 2690574 | 66.22% | 10.614% |
| 40 | 17.022 | 2383 | 2386 | 2394 | rVB  | 563555  | 874567  | 21.52% | 3.450%  |
| 41 | 17.122 | 2399 | 2403 | 2408 | rVV  | 32029   | 55994   | 1.38%  | 0.221%  |
| 42 | 17.169 | 2409 | 2411 | 2416 | rVB2 | 12599   | 14671   | 0.36%  | 0.058%  |
| 43 | 17.363 | 2438 | 2444 | 2449 | rBV3 | 45107   | 65699   | 1.62%  | 0.259%  |
| 44 | 17.428 | 2454 | 2455 | 2459 | rVV4 | 7974    | 5842    | 0.14%  | 0.023%  |
| 45 | 17.516 | 2466 | 2470 | 2475 | rVB5 | 12530   | 19736   | 0.49%  | 0.078%  |
| 46 | 17.563 | 2475 | 2478 | 2481 | rBV5 | 8080    | 9324    | 0.23%  | 0.037%  |
| 47 | 17.651 | 2491 | 2493 | 2497 | rBV4 | 2869    | 4328    | 0.11%  | 0.017%  |
| 48 | 17.698 | 2497 | 2501 | 2505 | rBV4 | 67810   | 91301   | 2.25%  | 0.360%  |
| 49 | 17.780 | 2511 | 2515 | 2519 | rBV2 | 70193   | 93347   | 2.30%  | 0.368%  |
| 50 | 17.863 | 2524 | 2529 | 2533 | rBV  | 55885   | 90267   | 2.22%  | 0.356%  |
| 51 | 17.916 | 2533 | 2538 | 2545 | rVB  | 79926   | 129623  | 3.19%  | 0.511%  |
| 52 | 18.016 | 2550 | 2555 | 2557 | rBV5 | 9986    | 17937   | 0.44%  | 0.071%  |
| 53 | 18.057 | 2557 | 2562 | 2566 | rVV2 | 130187  | 216644  | 5.33%  | 0.855%  |
| 54 | 18.116 | 2566 | 2572 | 2576 | rVV2 | 60554   | 134365  | 3.31%  | 0.530%  |
| 55 | 18.157 | 2576 | 2579 | 2589 | rVB2 | 80899   | 121776  | 3.00%  | 0.480%  |
| 56 | 18.375 | 2612 | 2616 | 2625 | rVB  | 48447   | 76607   | 1.89%  | 0.302%  |
| 57 | 18.486 | 2632 | 2635 | 2640 | rVB6 | 12196   | 18637   | 0.46%  | 0.074%  |
| 58 | 18.533 | 2640 | 2643 | 2646 | rBV5 | 7435    | 11750   | 0.29%  | 0.046%  |
| 59 | 18.586 | 2649 | 2652 | 2654 | rBV4 | 16553   | 19483   | 0.48%  | 0.077%  |
| 60 | 18.616 | 2654 | 2657 | 2659 | rVV4 | 14806   | 17410   | 0.43%  | 0.069%  |
| 61 | 18.669 | 2662 | 2666 | 2670 | rVV4 | 28672   | 38434   | 0.95%  | 0.152%  |
| 62 | 18.792 | 2681 | 2687 | 2691 | rBV3 | 40274   | 73680   | 1.81%  | 0.291%  |
| 63 | 18.839 | 2691 | 2695 | 2699 | rBV6 | 23921   | 44198   | 1.09%  | 0.174%  |
| 64 | 18.916 | 2704 | 2708 | 2712 | rVV7 | 18514   | 32607   | 0.80%  | 0.129%  |
| 65 | 19.051 | 2725 | 2731 | 2738 | rBV  | 1387295 | 1915774 | 47.15% | 7.557%  |
| 66 | 19.122 | 2738 | 2743 | 2746 | rVB5 | 31432   | 57694   | 1.42%  | 0.228%  |
| 67 | 19.198 | 2751 | 2756 | 2760 | rVB6 | 39161   | 60406   | 1.49%  | 0.238%  |
| 68 | 19.233 | 2760 | 2762 | 2763 | rBV2 | 7576    | 4240    | 0.10%  | 0.017%  |
| 69 | 19.257 | 2763 | 2766 | 2767 | rBV3 | 16236   | 14964   | 0.37%  | 0.059%  |
| 70 | 19.298 | 2769 | 2773 | 2776 | rVV2 | 31505   | 42807   | 1.05%  | 0.169%  |
| 71 | 19.416 | 2783 | 2793 | 2802 | rBV2 | 921012  | 1590843 | 39.15% | 6.275%  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
Data File : BM017895.D  
Acq On : 04 Dec 2018 03:56  
Operator : JU/SJ  
Sample : J6045-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB4T1

## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0

Filtering: 5  
Min Area: 0.1 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 72 | 19.498 | 2802 | 2807 | 2811 | rVV2 | 52937   | 84530   | 2.08%   | 0.333%  |
| 73 | 19.604 | 2821 | 2825 | 2832 | rBV  | 67962   | 122674  | 3.02%   | 0.484%  |
| 74 | 19.763 | 2845 | 2852 | 2857 | rBV5 | 88503   | 201461  | 4.96%   | 0.795%  |
| 75 | 19.880 | 2867 | 2872 | 2874 | rBV4 | 73849   | 123309  | 3.03%   | 0.486%  |
| 76 | 19.916 | 2874 | 2878 | 2884 | rVB2 | 211684  | 350906  | 8.64%   | 1.384%  |
| 77 | 20.022 | 2892 | 2896 | 2900 | rBV  | 115049  | 164944  | 4.06%   | 0.651%  |
| 78 | 20.074 | 2901 | 2905 | 2909 | rVV3 | 64599   | 109040  | 2.68%   | 0.430%  |
| 79 | 20.192 | 2922 | 2925 | 2927 | rBV3 | 55011   | 57930   | 1.43%   | 0.229%  |
| 80 | 20.833 | 3031 | 3034 | 3038 | rBV  | 102788  | 147176  | 3.62%   | 0.581%  |
| 81 | 20.874 | 3038 | 3041 | 3044 | rVV  | 124271  | 145891  | 3.59%   | 0.576%  |
| 82 | 20.910 | 3044 | 3047 | 3052 | rVB  | 106627  | 147071  | 3.62%   | 0.580%  |
| 83 | 21.186 | 3087 | 3094 | 3098 | rBV2 | 2561079 | 4063324 | 100.00% | 16.029% |
| 84 | 21.221 | 3098 | 3100 | 3110 | rVB  | 719128  | 971166  | 23.90%  | 3.831%  |
| 85 | 22.715 | 3350 | 3354 | 3360 | rBV  | 498469  | 996739  | 24.53%  | 3.932%  |
| 86 | 23.368 | 3459 | 3465 | 3473 | rVB  | 1298438 | 2415462 | 59.45%  | 9.528%  |

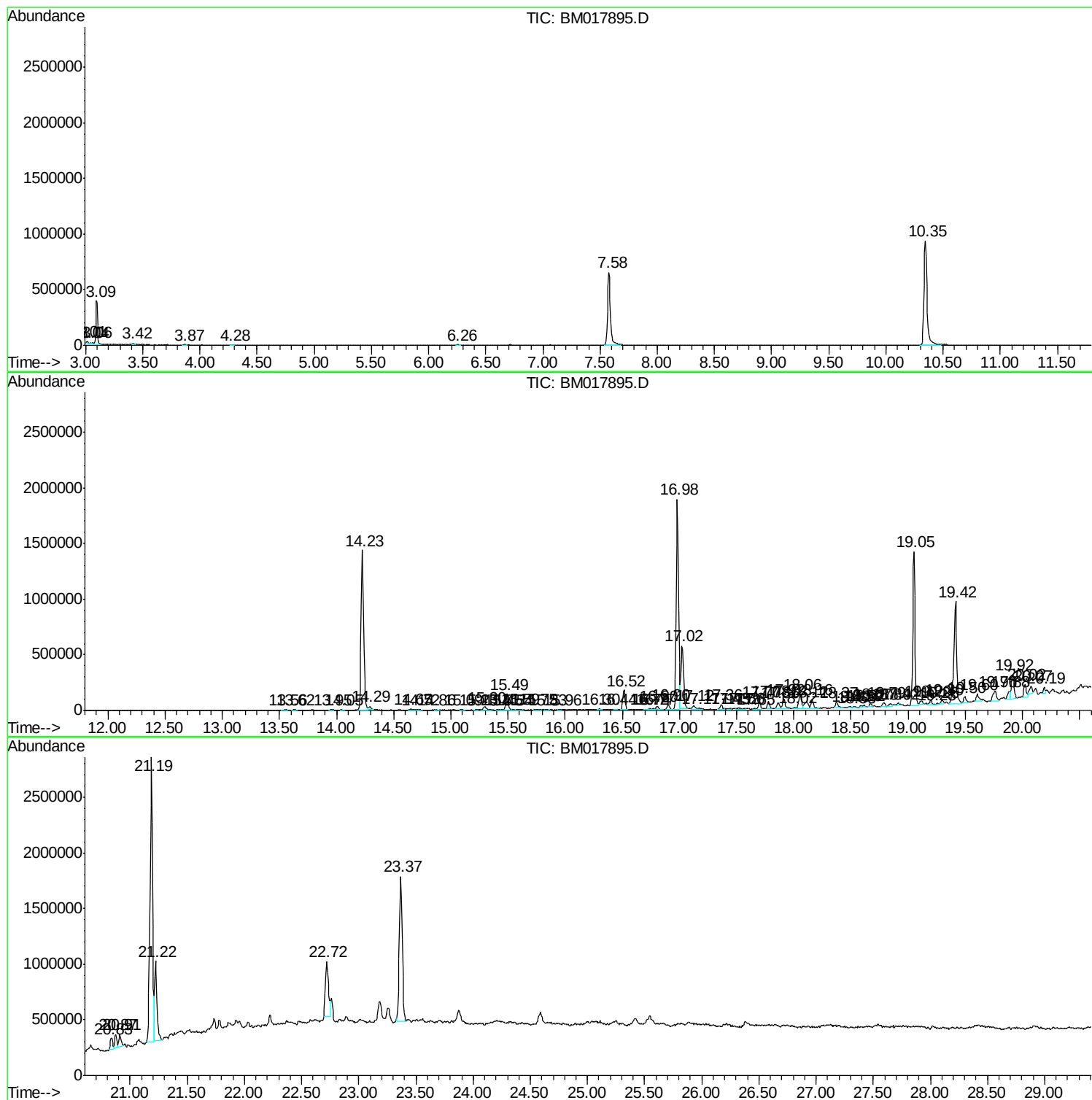
Sum of corrected areas: 25350108

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
Data File : BM017895.D  
Acq On : 04 Dec 2018 03:56  
Operator : JU/SJ  
Sample : J6045-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB4T1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
Data File : BM017895.D  
Acq On : 04 Dec 2018 03:56  
Operator : JU/SJ  
Sample : J6045-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB4T1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

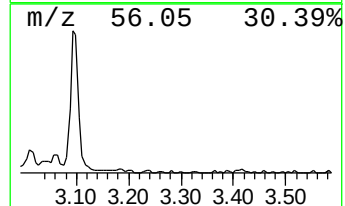
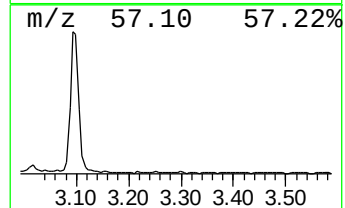
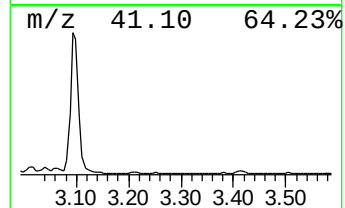
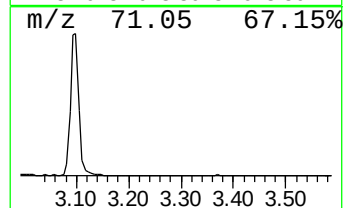
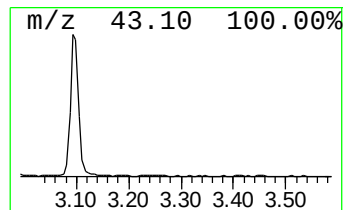
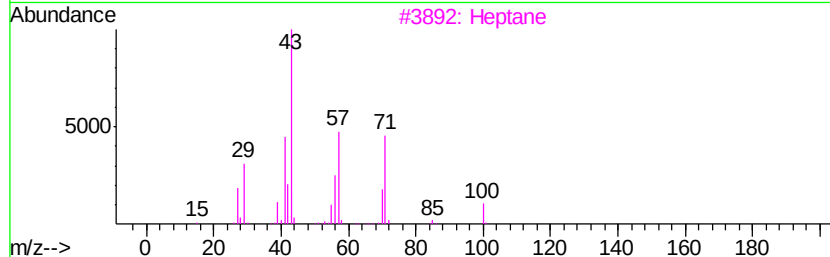
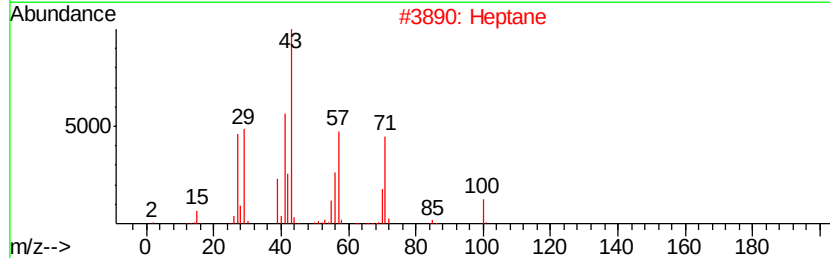
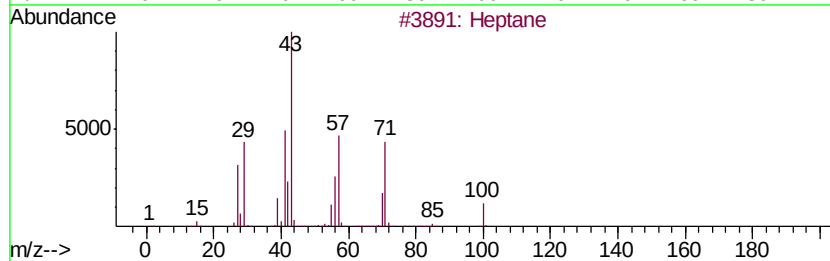
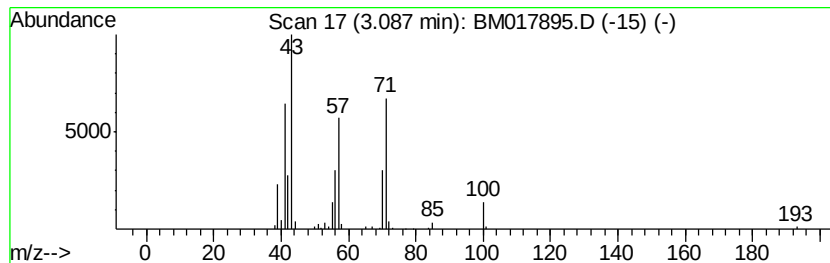
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.09 | 7.32 ng/ul | 423583 | 1,4-Dichlorobenzene-d4 | 7.58 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane           | 100 | C7H16   | 000142-82-5 | 87   |
| 2    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 87   |
| 3    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 87   |
| 4    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 83   |
| 5    |    | Hexane, 3-methyl- | 100 | C7H16   | 000589-34-4 | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120418\  
Data File : BM017895.D  
Acq On : 04 Dec 2018 03:56  
Operator : JU/SJ  
Sample : J6045-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB4T1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| (DEL) Alkane: Str... | 3.09 | 7.3     | ng/ul | 423583   | 1                     | 7.58 | 1156710 | 20.0 |