

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\  
 Data File : BG044207.D  
 Acq On : 25 Jan 2020 8:20  
 Operator : CG/JU  
 Sample : L1242-03  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20200057-COMP-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\_G\METHODS\8270-BG123019.M

Title : ASP BNA STANDARDS FOR 5 POINT 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         | 5.036       | 326           | 331         | 336          | rVB2     | 19864          | 30532         | 1.02%           | 0.136%        |
| 2         | 5.506       | 404           | 411         | 425          | rBV      | 1134780        | 1845944       | 61.66%          | 8.232%        |
| 3         | 7.099       | 674           | 682         | 697          | rBV      | 1152762        | 2138539       | 71.44%          | 9.537%        |
| 4         | 7.222       | 698           | 703         | 710          | rVB2     | 17614          | 34103         | 1.14%           | 0.152%        |
| 5         | 7.927       | 815           | 823         | 832          | rBV      | 278724         | 478106        | 15.97%          | 2.132%        |
| 6         | 8.250       | 871           | 878         | 887          | rBV      | 799375         | 1416768       | 47.33%          | 6.318%        |
| 7         | 8.697       | 947           | 954         | 961          | rBV      | 47122          | 95237         | 3.18%           | 0.425%        |
| 8         | 9.085       | 1011          | 1020        | 1038         | rBV      | 681971         | 1260229       | 42.10%          | 5.620%        |
| 9         | 10.730      | 1292          | 1300        | 1321         | rBV      | 389832         | 736062        | 24.59%          | 3.282%        |
| 10        | 13.186      | 1711          | 1718        | 1744         | rBV      | 1494552        | 2607585       | 87.11%          | 11.628%       |
| 11        | 14.014      | 1853          | 1859        | 1876         | rBV      | 232087         | 384087        | 12.83%          | 1.713%        |
| 12        | 14.566      | 1942          | 1953        | 1961         | rBV      | 689142         | 1117845       | 37.34%          | 4.985%        |
| 13        | 16.053      | 2199          | 2206        | 2223         | rBV      | 1319322        | 2174917       | 72.65%          | 9.699%        |
| 14        | 17.310      | 2411          | 2420        | 2425         | rBV      | 747129         | 1223072       | 40.86%          | 5.454%        |
| 15        | 17.439      | 2434          | 2442        | 2450         | rVB3     | 33144          | 64663         | 2.16%           | 0.288%        |
| 16        | 19.361      | 2764          | 2769        | 2773         | rBV      | 51121          | 76115         | 2.54%           | 0.339%        |
| 17        | 19.719      | 2826          | 2830        | 2841         | rVB2     | 46498          | 83004         | 2.77%           | 0.370%        |
| 18        | 19.925      | 2858          | 2865        | 2876         | rBV      | 2159822        | 2993511       | 100.00%         | 13.349%       |
| 19        | 20.213      | 2910          | 2914        | 2918         | rBV      | 33924          | 46268         | 1.55%           | 0.206%        |
| 20        | 20.313      | 2927          | 2931        | 2936         | rVB2     | 39086          | 51276         | 1.71%           | 0.229%        |
| 21        | 20.600      | 2976          | 2980        | 2985         | rVB4     | 30212          | 39215         | 1.31%           | 0.175%        |
| 22        | 21.229      | 3082          | 3087        | 3100         | rBV2     | 70519          | 158992        | 5.31%           | 0.709%        |
| 23        | 21.552      | 3133          | 3142        | 3148         | rBV      | 766385         | 1396430       | 46.65%          | 6.227%        |
| 24        | 21.764      | 3171          | 3178        | 3184         | rVB6     | 31812          | 61466         | 2.05%           | 0.274%        |
| 25        | 22.357      | 3272          | 3279        | 3284         | rBV2     | 37448          | 64818         | 2.17%           | 0.289%        |
| 26        | 23.027      | 3388          | 3393        | 3400         | rVB      | 42529          | 81154         | 2.71%           | 0.362%        |
| 27        | 23.209      | 3418          | 3424        | 3429         | rBV2     | 44485          | 79898         | 2.67%           | 0.356%        |
| 28        | 23.685      | 3497          | 3505        | 3510         | rBV4     | 28479          | 87613         | 2.93%           | 0.391%        |
| 29        | 23.803      | 3520          | 3525        | 3534         | rVB2     | 46331          | 103414        | 3.45%           | 0.461%        |
| 30        | 24.373      | 3616          | 3622        | 3627         | rBV3     | 15352          | 36107         | 1.21%           | 0.161%        |
| 31        | 24.514      | 3639          | 3646        | 3653         | rBV2     | 20166          | 51607         | 1.72%           | 0.230%        |
| 32        | 24.660      | 3661          | 3671        | 3680         | rBV      | 461368         | 1314435       | 43.91%          | 5.862%        |
| 33        | 25.812      | 3858          | 3867        | 3876         | rBV5     | 29036          | 91625         | 3.06%           | 0.409%        |

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Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % 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\_G\METHODS\8270-BG123019.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

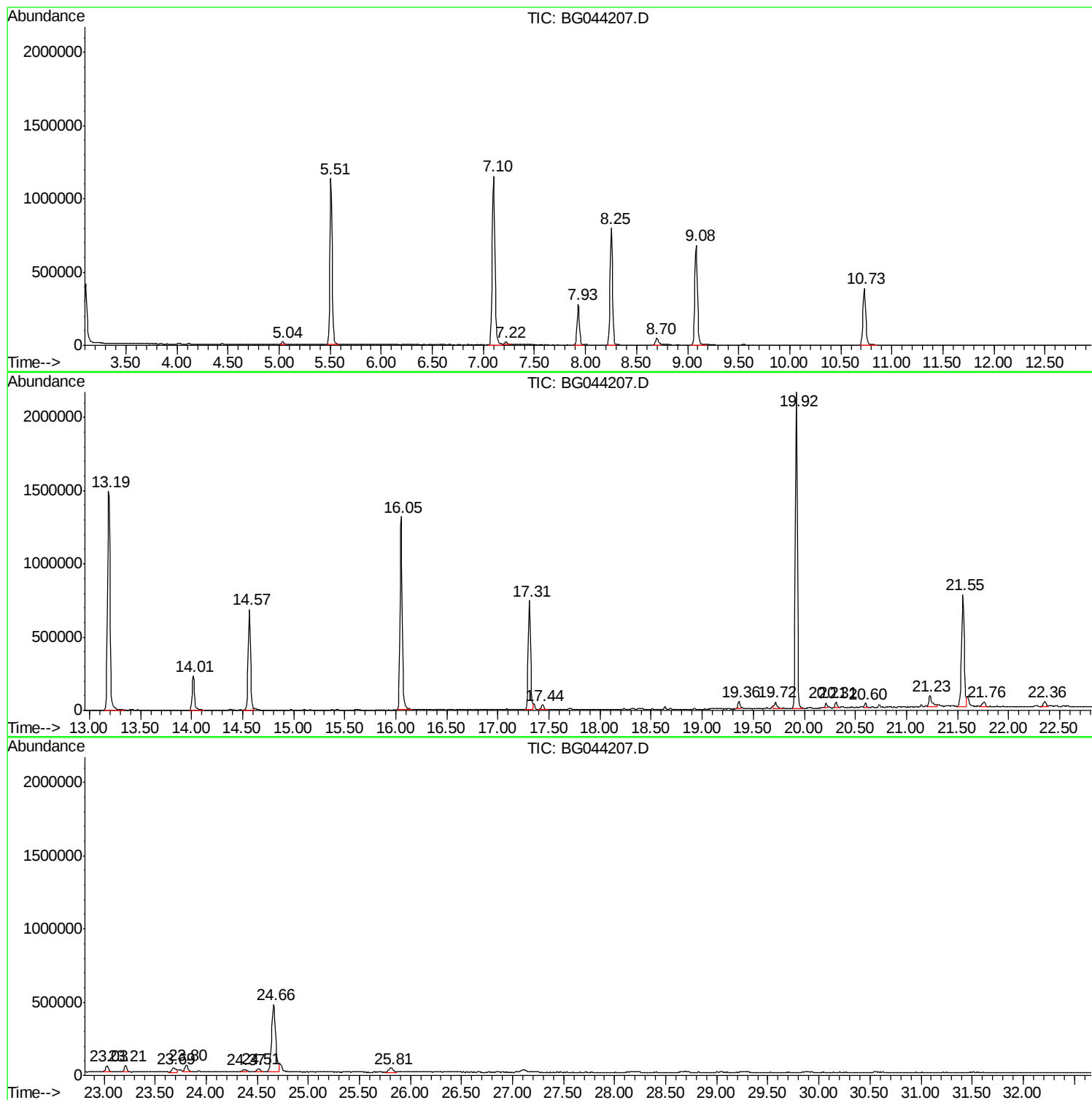
Sum of corrected areas: 22424637

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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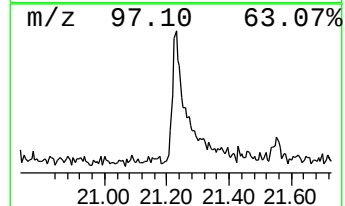
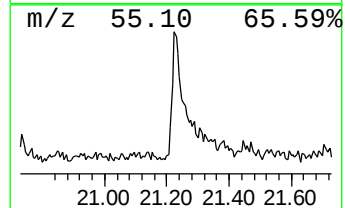
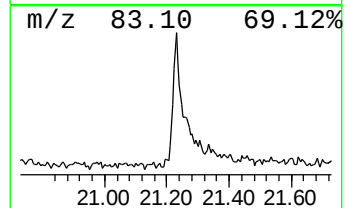
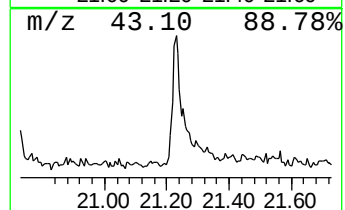
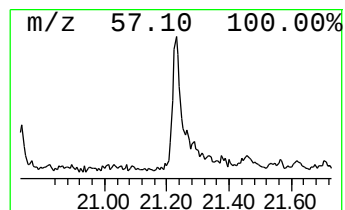
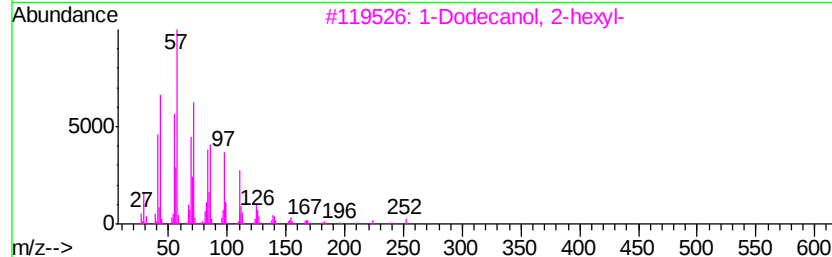
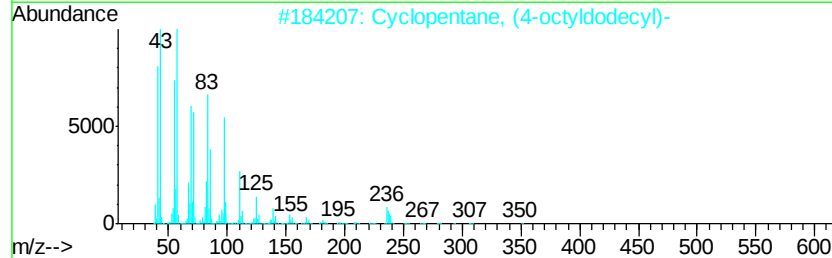
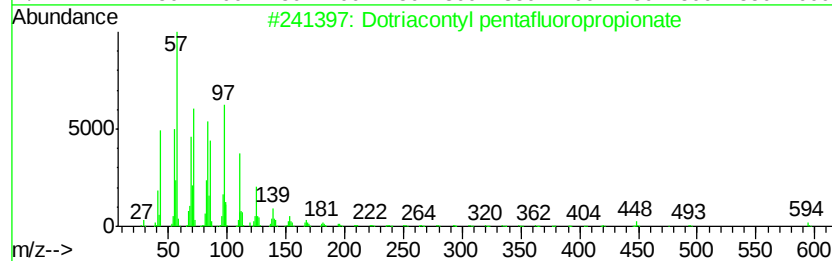
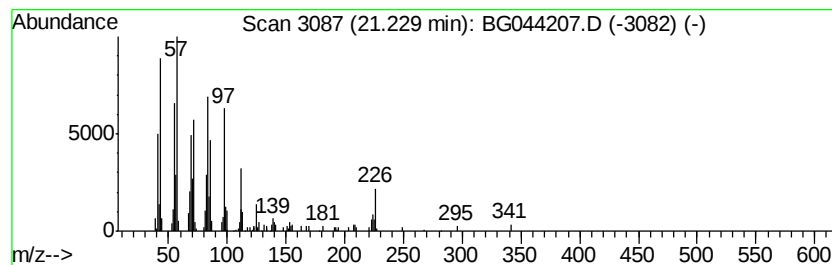
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Peak Number 2 Dotriacontyl pentafluoropro... Concentration Rank 2

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|--------|------------------|--------------|------|
| 21.23     | 2.28 ng                            | 158992 | Chrysene-d12     | 21.55        |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#         | Qual |
| 1         | Dotriacontyl pentafluoropropionate | 612    | C35H65F5O2       | 1000351-81-4 | 81   |
| 2         | Cyclopentane, (4-octyldodecyl)-    | 350    | C25H50           | 005638-09-5  | 74   |
| 3         | 1-Dodecanol, 2-hexyl-              | 270    | C18H38O          | 110225-00-8  | 70   |
| 4         | Tricosyl pentafluoropropionate     | 486    | C26H47F5O2       | 1000351-81-0 | 70   |
| 5         | Cyclopentadecane                   | 210    | C15H30           | 000295-48-7  | 70   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Dotriacontyl pent... | 21.23 | 2.3     | ng    | 158992   | 5                     | 21.55 | 1396430 | 20.0 |