

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042324\  
 Data File : BG061010.D  
 Acq On : 23 Apr 2024 16:33  
 Operator : MA/JU  
 Sample : P2178-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TOPSOIL-LKWD-DENALI-5

Integration Parameters: rteint.p

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-BG042024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061010.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         | 3.170       | 25            | 31          | 38           | rVB2     | 19639          | 32734         | 2.02%           | 0.287%        |
| 2         | 3.687       | 113           | 119         | 127          | rBV      | 10518          | 16984         | 1.05%           | 0.149%        |
| 3         | 5.532       | 427           | 433         | 442          | rBV      | 376835         | 606211        | 37.32%          | 5.313%        |
| 4         | 7.112       | 694           | 702         | 713          | rBV      | 454177         | 763403        | 47.00%          | 6.691%        |
| 5         | 7.941       | 837           | 843         | 850          | rBV      | 103449         | 171556        | 10.56%          | 1.504%        |
| 6         | 9.092       | 1030          | 1039        | 1049         | rVB      | 276872         | 493538        | 30.39%          | 4.326%        |
| 7         | 10.737      | 1311          | 1319        | 1326         | rBV      | 141021         | 240604        | 14.81%          | 2.109%        |
| 8         | 13.193      | 1730          | 1737        | 1743         | rBV      | 723499         | 1048294       | 64.54%          | 9.188%        |
| 9         | 14.568      | 1965          | 1971        | 1979         | rVB      | 242082         | 358655        | 22.08%          | 3.143%        |
| 10        | 14.791      | 2000          | 2009        | 2013         | rBV4     | 11598          | 26961         | 1.66%           | 0.236%        |
| 11        | 16.060      | 2217          | 2225        | 2235         | rBV      | 789629         | 1227483       | 75.58%          | 10.758%       |
| 12        | 17.318      | 2428          | 2439        | 2443         | rBV      | 316557         | 483287        | 29.76%          | 4.236%        |
| 13        | 17.359      | 2443          | 2446        | 2450         | rVB      | 42837          | 54937         | 3.38%           | 0.482%        |
| 14        | 17.500      | 2465          | 2470        | 2477         | rBV7     | 7103           | 16282         | 1.00%           | 0.143%        |
| 15        | 18.093      | 2566          | 2571        | 2579         | rBV6     | 9858           | 21624         | 1.33%           | 0.190%        |
| 16        | 18.217      | 2579          | 2592        | 2601         | rBV4     | 129921         | 240865        | 14.83%          | 2.111%        |
| 17        | 18.387      | 2615          | 2621        | 2624         | rBV2     | 23020          | 37928         | 2.34%           | 0.332%        |
| 18        | 18.417      | 2624          | 2626        | 2631         | rVB2     | 10340          | 16917         | 1.04%           | 0.148%        |
| 19        | 18.528      | 2638          | 2645        | 2651         | rBV7     | 12772          | 30229         | 1.86%           | 0.265%        |
| 20        | 18.693      | 2668          | 2673        | 2676         | rBV2     | 12532          | 16782         | 1.03%           | 0.147%        |
| 21        | 19.110      | 2740          | 2744        | 2749         | rBV2     | 12715          | 17944         | 1.10%           | 0.157%        |
| 22        | 19.163      | 2749          | 2753        | 2755         | rBV5     | 9742           | 17046         | 1.05%           | 0.149%        |
| 23        | 19.239      | 2763          | 2766        | 2769         | rBV5     | 11819          | 16395         | 1.01%           | 0.144%        |
| 24        | 19.368      | 2781          | 2788        | 2795         | rBV      | 185535         | 279999        | 17.24%          | 2.454%        |
| 25        | 19.427      | 2795          | 2798        | 2803         | rVB3     | 27457          | 36479         | 2.25%           | 0.320%        |
| 26        | 19.492      | 2803          | 2809        | 2812         | rBV6     | 37725          | 56715         | 3.49%           | 0.497%        |
| 27        | 19.615      | 2824          | 2830        | 2833         | rBV7     | 13183          | 23047         | 1.42%           | 0.202%        |
| 28        | 19.703      | 2840          | 2845        | 2846         | rBV2     | 29974          | 42065         | 2.59%           | 0.369%        |
| 29        | 19.733      | 2846          | 2850        | 2858         | rVB      | 156077         | 235506        | 14.50%          | 2.064%        |
| 30        | 19.809      | 2858          | 2863        | 2868         | rBV4     | 13194          | 22377         | 1.38%           | 0.196%        |
| 31        | 19.938      | 2876          | 2885        | 2890         | rBV      | 1237560        | 1624179       | 100.00%         | 14.235%       |
| 32        | 20.056      | 2900          | 2905        | 2912         | rBV5     | 18669          | 50002         | 3.08%           | 0.438%        |
| 33        | 20.220      | 2930          | 2933        | 2937         | rVB      | 28835          | 40035         | 2.46%           | 0.351%        |
| 34        | 20.326      | 2949          | 2951        | 2955         | rVB2     | 13903          | 16709         | 1.03%           | 0.146%        |
| 35        | 20.385      | 2957          | 2961        | 2964         | rVV3     | 17337          | 27792         | 1.71%           | 0.244%        |
| 36        | 20.579      | 2991          | 2994        | 2999         | rVB6     | 29267          | 39022         | 2.40%           | 0.342%        |

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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-BG042024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 20.978 | 3058 | 3062 | 3067 | rBV  | 22669  | 38444  | 2.37%  | 0.337% |
| 38 | 21.243 | 3104 | 3107 | 3113 | rVB3 | 58762  | 93123  | 5.73%  | 0.816% |
| 39 | 21.484 | 3145 | 3148 | 3151 | rBV3 | 18139  | 23510  | 1.45%  | 0.206% |
| 40 | 21.572 | 3156 | 3163 | 3168 | rVV2 | 381566 | 843894 | 51.96% | 7.396% |
| 41 | 21.619 | 3168 | 3171 | 3179 | rVB  | 110963 | 183800 | 11.32% | 1.611% |
| 42 | 22.388 | 3299 | 3302 | 3309 | rVB3 | 22339  | 36764  | 2.26%  | 0.322% |
| 43 | 23.252 | 3443 | 3449 | 3455 | rBV2 | 60867  | 113433 | 6.98%  | 0.994% |
| 44 | 23.716 | 3520 | 3528 | 3535 | rBV  | 67955  | 225417 | 13.88% | 1.976% |
| 45 | 23.857 | 3546 | 3552 | 3561 | rBV2 | 94370  | 201372 | 12.40% | 1.765% |
| 46 | 24.410 | 3641 | 3646 | 3653 | rVB2 | 44596  | 105208 | 6.48%  | 0.922% |
| 47 | 24.545 | 3664 | 3669 | 3678 | rVB2 | 59890  | 140953 | 8.68%  | 1.235% |
| 48 | 24.703 | 3685 | 3696 | 3704 | rBV  | 220679 | 637155 | 39.23% | 5.584% |
| 49 | 25.890 | 3892 | 3898 | 3907 | rVB3 | 64755  | 188633 | 11.61% | 1.653% |
| 50 | 28.816 | 4390 | 4396 | 4397 | rBV6 | 16348  | 28316  | 1.74%  | 0.248% |
| 51 | 29.885 | 4570 | 4578 | 4582 | rBV6 | 31813  | 98835  | 6.09%  | 0.866% |

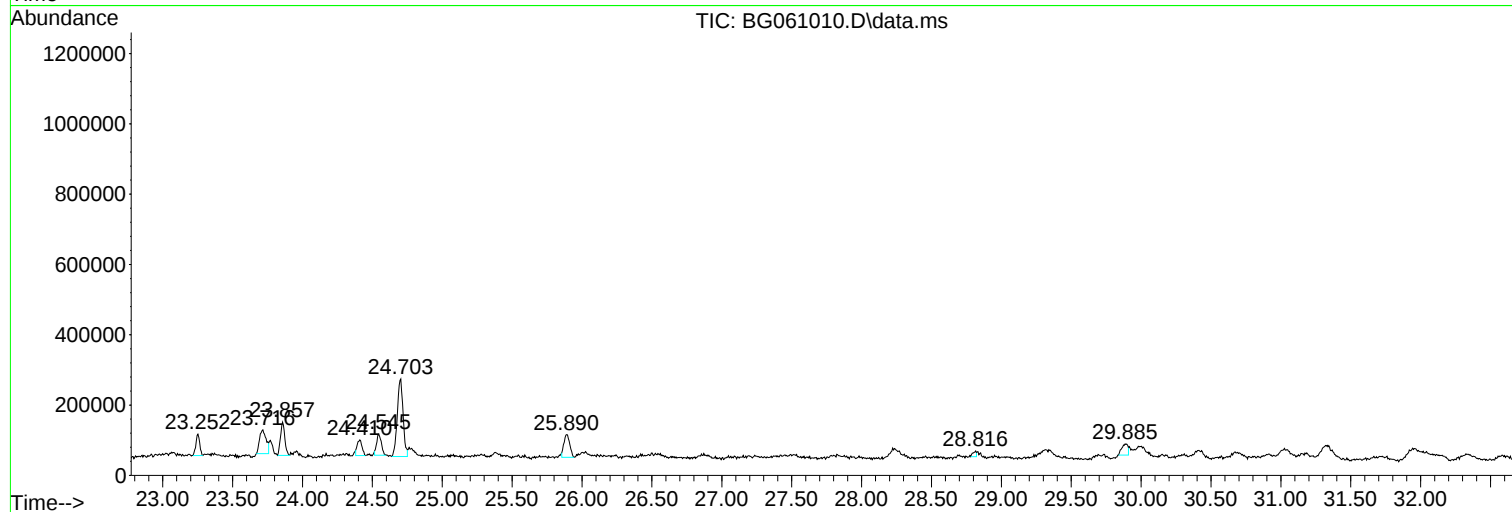
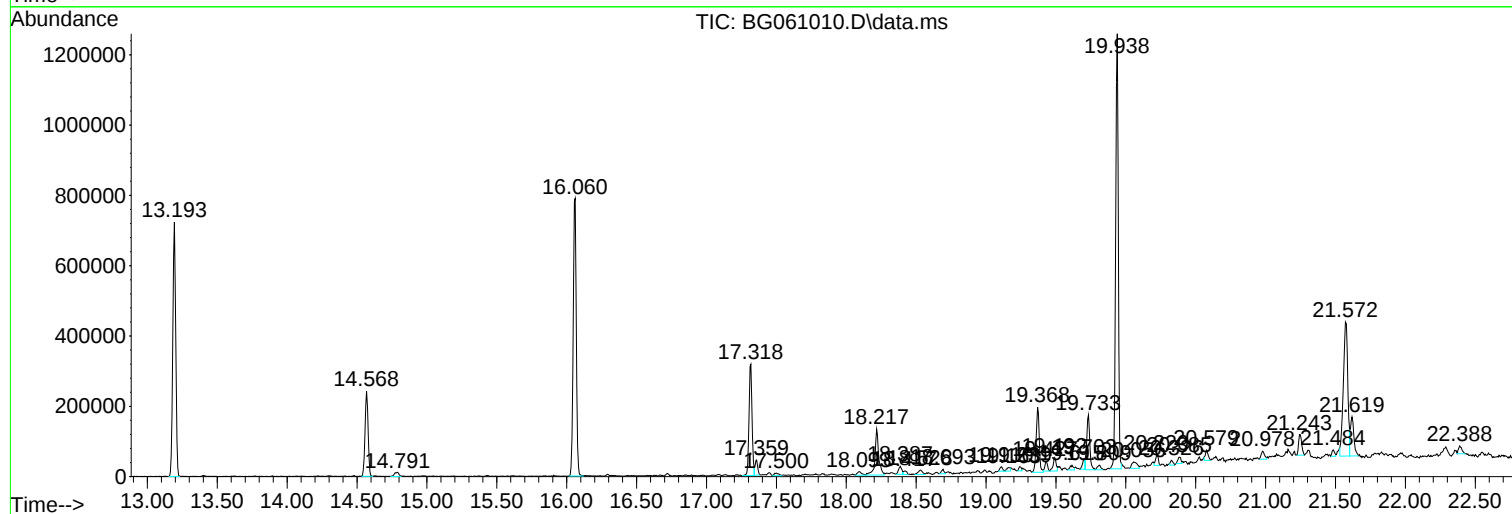
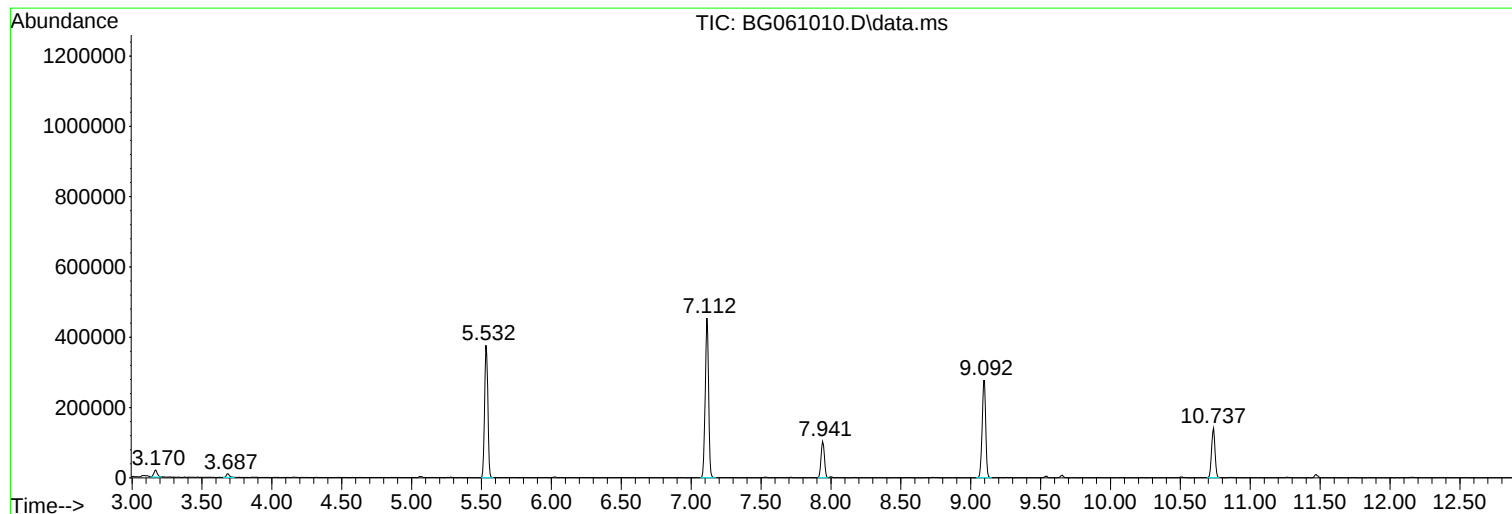
Sum of corrected areas: 11409443

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|