

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120823\  
 Data File : BF136473.D  
 Acq On : 08 Dec 2023 18:09  
 Operator : CG\JU  
 Sample : 05600-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TOPSOIL-LKWD-DENALI-1

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\_F\Methods\8270-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136473.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         | 2.216       | 18            | 22          | 28           | rVB3     | 40117          | 64613         | 2.05%           | 0.279%        |
| 2         | 5.040       | 499           | 502         | 507          | rVB      | 39652          | 46504         | 1.48%           | 0.201%        |
| 3         | 5.440       | 565           | 570         | 573          | rBV      | 2694441        | 2440815       | 77.62%          | 10.541%       |
| 4         | 6.439       | 735           | 740         | 743          | rBV      | 2418868        | 2401944       | 76.38%          | 10.373%       |
| 5         | 6.792       | 797           | 800         | 804          | rVB      | 914166         | 756901        | 24.07%          | 3.269%        |
| 6         | 7.357       | 890           | 896         | 899          | rBV      | 1797359        | 1571921       | 49.99%          | 6.788%        |
| 7         | 8.069       | 1013          | 1017        | 1021         | rBV      | 1163510        | 992446        | 31.56%          | 4.286%        |
| 8         | 8.392       | 1068          | 1072        | 1083         | rBV2     | 27928          | 68527         | 2.18%           | 0.296%        |
| 9         | 9.151       | 1194          | 1201        | 1204         | rBV      | 3956974        | 3144754       | 100.00%         | 13.581%       |
| 10        | 9.827       | 1312          | 1316        | 1319         | rBV      | 1364980        | 1049209       | 33.36%          | 4.531%        |
| 11        | 10.622      | 1446          | 1451        | 1454         | rBV      | 1534297        | 1463356       | 46.53%          | 6.319%        |
| 12        | 11.316      | 1565          | 1569        | 1572         | rBV      | 1042428        | 940077        | 29.89%          | 4.060%        |
| 13        | 11.339      | 1572          | 1573        | 1577         | rVV      | 295672         | 199299        | 6.34%           | 0.861%        |
| 14        | 11.392      | 1578          | 1582        | 1585         | rVB      | 63831          | 61735         | 1.96%           | 0.267%        |
| 15        | 11.821      | 1650          | 1655        | 1657         | rVB2     | 48392          | 43788         | 1.39%           | 0.189%        |
| 16        | 11.857      | 1657          | 1661        | 1666         | rBV2     | 361112         | 354124        | 11.26%          | 1.529%        |
| 17        | 11.933      | 1671          | 1674        | 1676         | rBV      | 72861          | 64698         | 2.06%           | 0.279%        |
| 18        | 12.016      | 1683          | 1688        | 1693         | rBV6     | 44814          | 68323         | 2.17%           | 0.295%        |
| 19        | 12.116      | 1701          | 1705        | 1708         | rBV      | 38364          | 52453         | 1.67%           | 0.227%        |
| 20        | 12.416      | 1751          | 1756        | 1760         | rVB5     | 24783          | 39788         | 1.27%           | 0.172%        |
| 21        | 12.533      | 1772          | 1776        | 1780         | rBV      | 493566         | 450990        | 14.34%          | 1.948%        |
| 22        | 12.580      | 1780          | 1784        | 1790         | rVB4     | 86858          | 116926        | 3.72%           | 0.505%        |
| 23        | 12.645      | 1790          | 1795        | 1800         | rBV2     | 94068          | 118550        | 3.77%           | 0.512%        |
| 24        | 12.763      | 1809          | 1815        | 1818         | rBV      | 440396         | 427659        | 13.60%          | 1.847%        |
| 25        | 12.915      | 1837          | 1841        | 1844         | rBV      | 2423387        | 2151602       | 68.42%          | 9.292%        |
| 26        | 13.092      | 1869          | 1871        | 1874         | rVB      | 61094          | 56062         | 1.78%           | 0.242%        |
| 27        | 13.163      | 1879          | 1883        | 1886         | rVV2     | 49905          | 48588         | 1.55%           | 0.210%        |
| 28        | 13.198      | 1886          | 1889        | 1891         | rBV2     | 42750          | 40472         | 1.29%           | 0.175%        |
| 29        | 13.768      | 1984          | 1986        | 1991         | rVB2     | 50919          | 55264         | 1.76%           | 0.239%        |
| 30        | 13.815      | 1991          | 1994        | 1999         | rVB2     | 31241          | 46958         | 1.49%           | 0.203%        |
| 31        | 13.915      | 2004          | 2011        | 2013         | rBV6     | 51628          | 113945        | 3.62%           | 0.492%        |
| 32        | 13.968      | 2015          | 2020        | 2023         | rBV2     | 781208         | 893662        | 28.42%          | 3.859%        |
| 33        | 13.992      | 2023          | 2024        | 2027         | rVB      | 164267         | 126618        | 4.03%           | 0.547%        |
| 34        | 14.357      | 2084          | 2086        | 2089         | rVB      | 45321          | 41226         | 1.31%           | 0.178%        |
| 35        | 14.451      | 2099          | 2102        | 2105         | rBV2     | 79778          | 65827         | 2.09%           | 0.284%        |
| 36        | 14.839      | 2165          | 2168        | 2174         | rVB2     | 99558          | 110027        | 3.50%           | 0.475%        |

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TOPSOIL-LKWD-DENALI-1

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\_F\Methods\8270-BF120523.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 15.015 | 2194 | 2198 | 2201 | rBV  | 213290 | 309327 | 9.84%  | 1.336% |
| 38 | 15.109 | 2210 | 2214 | 2222 | rVB2 | 192653 | 252822 | 8.04%  | 1.092% |
| 39 | 15.321 | 2246 | 2250 | 2256 | rVB  | 140944 | 185536 | 5.90%  | 0.801% |
| 40 | 15.386 | 2257 | 2261 | 2267 | rBV  | 168531 | 205977 | 6.55%  | 0.890% |
| 41 | 15.451 | 2267 | 2272 | 2276 | rBV  | 540732 | 661297 | 21.03% | 2.856% |
| 42 | 15.951 | 2353 | 2357 | 2363 | rBV  | 126656 | 188252 | 5.99%  | 0.813% |
| 43 | 16.945 | 2522 | 2526 | 2534 | rVB2 | 62895  | 130539 | 4.15%  | 0.564% |
| 44 | 17.398 | 2599 | 2603 | 2612 | rVB2 | 50880  | 106499 | 3.39%  | 0.460% |
| 45 | 18.150 | 2725 | 2731 | 2743 | rVB9 | 150278 | 426456 | 13.56% | 1.842% |

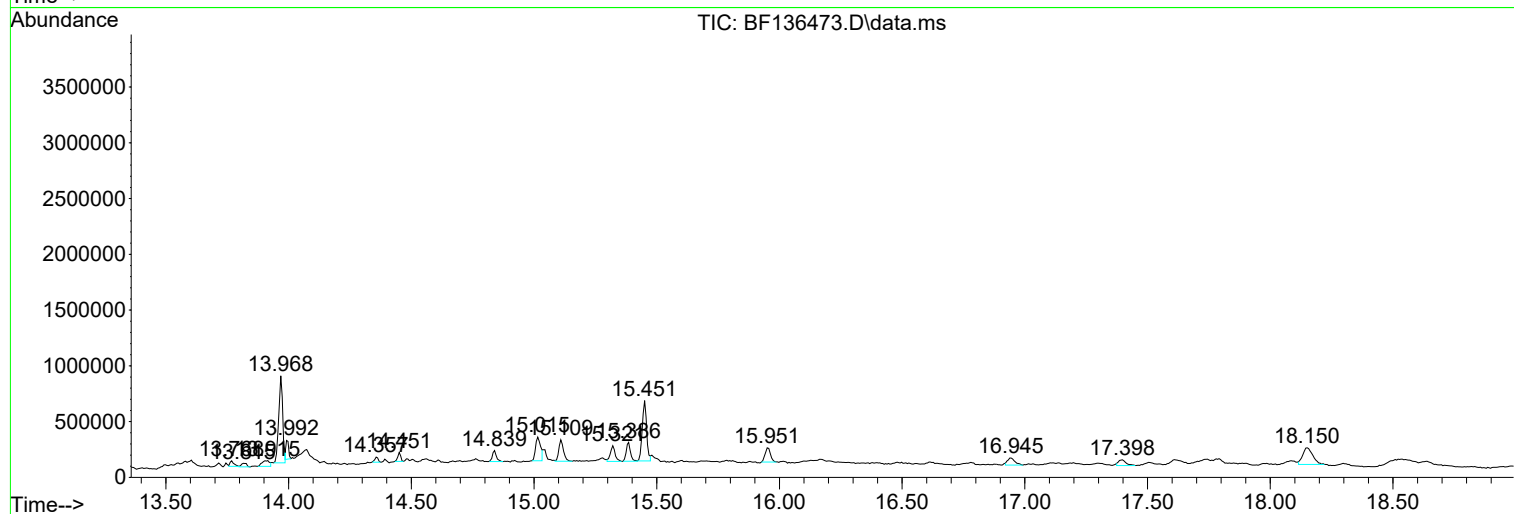
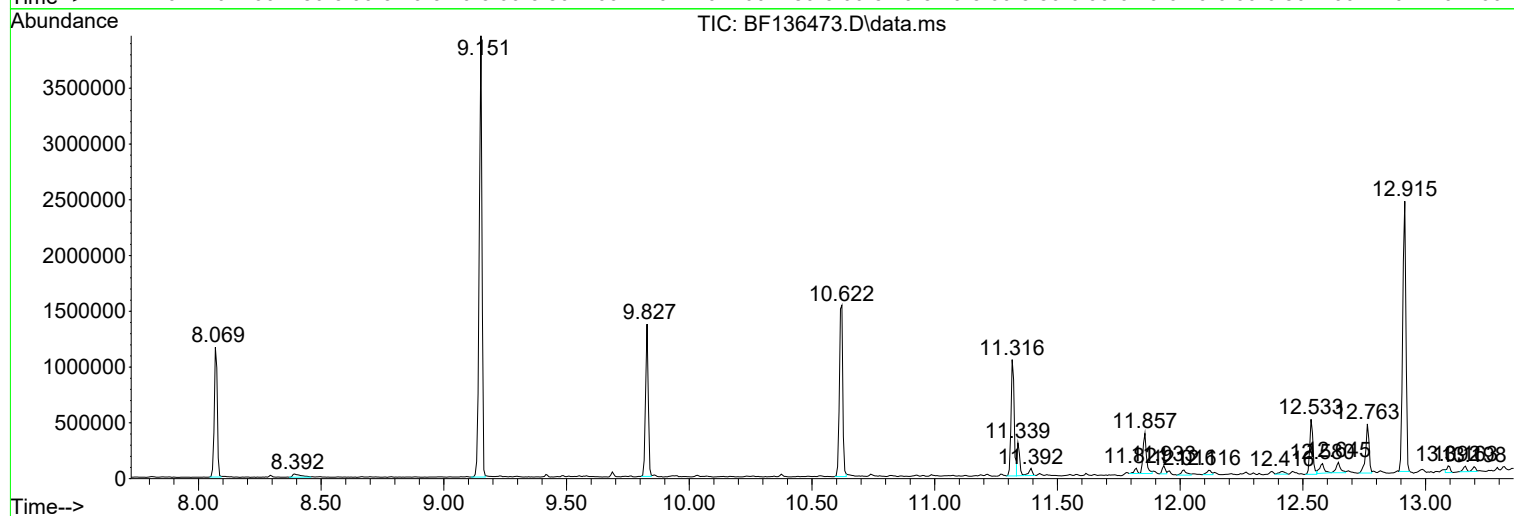
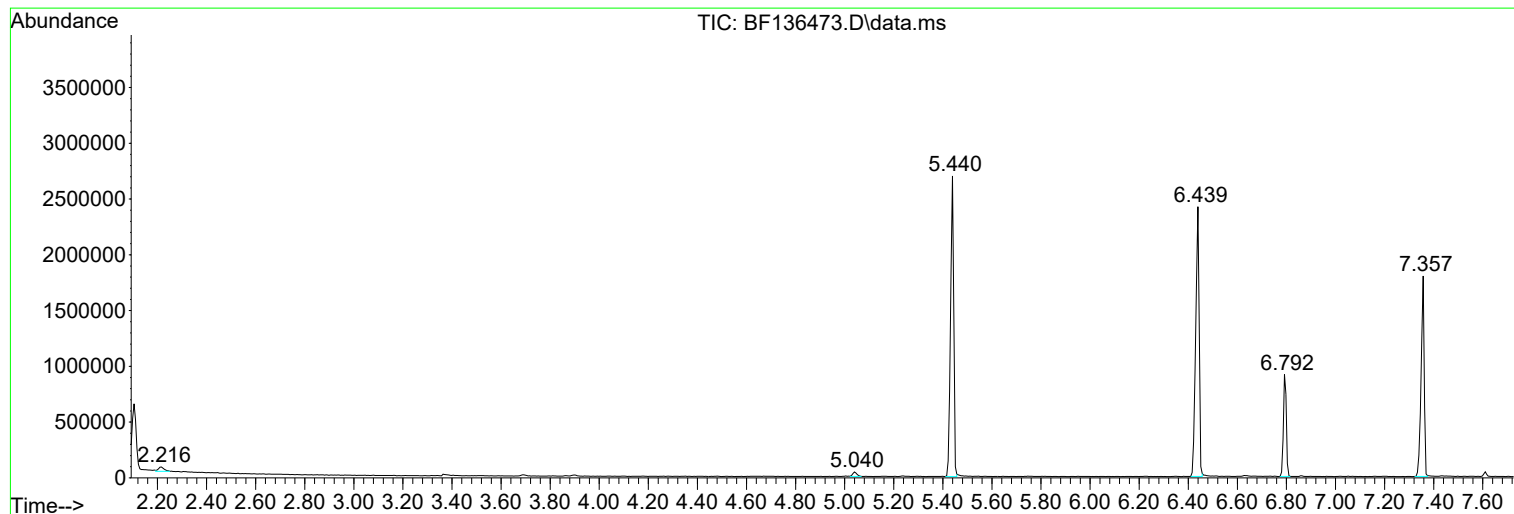
Sum of corrected areas: 23156356

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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.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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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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