LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044638.D
Acq On : 2 Mar 2020 18:29
Operator : CG/JU
Sample : L1740-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GP-08-022720

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-BG022420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.372 | 383 | 389 | 404 | rBV | 652716 | 1046610 | 30.93% | 6.518% |
| 2 | 6.982 | 655 | 663 | 681 | rBV | 665145 | 1153504 | 34.08% | 7.184% |
| 3 | 7.805 | 795 | 803 | 811 | rBV | 164564 | 277724 | 8.21% | 1.730% |
| 4 | 8.128 | 850 | 858 | 871 | rBV | 527529 | 909540 | 26.88% | 5.665% |
| 5 | 8.962 | 991 | 1000 | 1013 | rBV | 386901 | 722045 | 21.34% | 4.497% |
| 6 | 10.602 | 1272 | 1279 | 1295 | rBV | 216694 | 412682 | 12.19% | 2.570% |
| 7 | 13.075 | 1693 | 1700 | 1716 | rBV | 1215567 | 1897064 | 56.06% | 11.815% |
| 8 | 13.915 | 1836 | 1843 | 1855 | rBV | 45383 | 80133 | 2.37% | 0.499% |
| 9 | 14.456 | 1928 | 1935 | 1945 | rBV | 431628 | 668536 | 19.75% | 4.164% |
| 10 | 15.942 | 2182 | 2188 | 2203 | rBV | 988229 | 1534217 | 45.33% | 9.555% |
| 11 | 17.200 | 2395 | 2402 | 2416 | rBV | 603376 | 893107 | 26.39% | 5.562% |
| 12 | 19.820 | 2842 | 2848 | 2861 | rBV | 2513808 | 3384247 | 100.00% | 21.078% |
| 13 | 21.113 | 3063 | 3068 | 3079 | rBV2 | 115108 | 224300 | 6.63% | 1.397% |
| 14 | 21.436 | 3116 | 3123 | 3135 | rBV | 652003 | 1035632 | 30.60% | 6.450% |
| 15 | 21.642 | 3154 | 3158 | 3163 | rBV2 | 29057 | 41586 | 1.23% | 0.259% |
| 16 | 22.212 | 3250 | 3255 | 3264 | rBV | 49932 | 90411 | 2.67% | 0.563% |
| 17 | 22.864 | 3356 | 3366 | 3373 | rBV | 73450 | 136666 | 4.04% | 0.851% |
| 18 | 23.616 | 3487 | 3494 | 3501 | rVB2 | 69078 | 137309 | 4.06% | 0.855% |
| 19 | 24.450 | 3626 | 3636 | 3658 | rBV2 | 400791 | 1230437 | 36.36% | 7.663% |
| 20 | 25.543 | 3813 | 3822 | 3833 | rVB2 | 42702 | 117781 | 3.48% | 0.734% |
| 21 | 26.800 | 4027 | 4036 | 4045 | rBV3 | 20132 | 62475 | 1.85% | 0.389% |

Sum of corrected areas: 16056006

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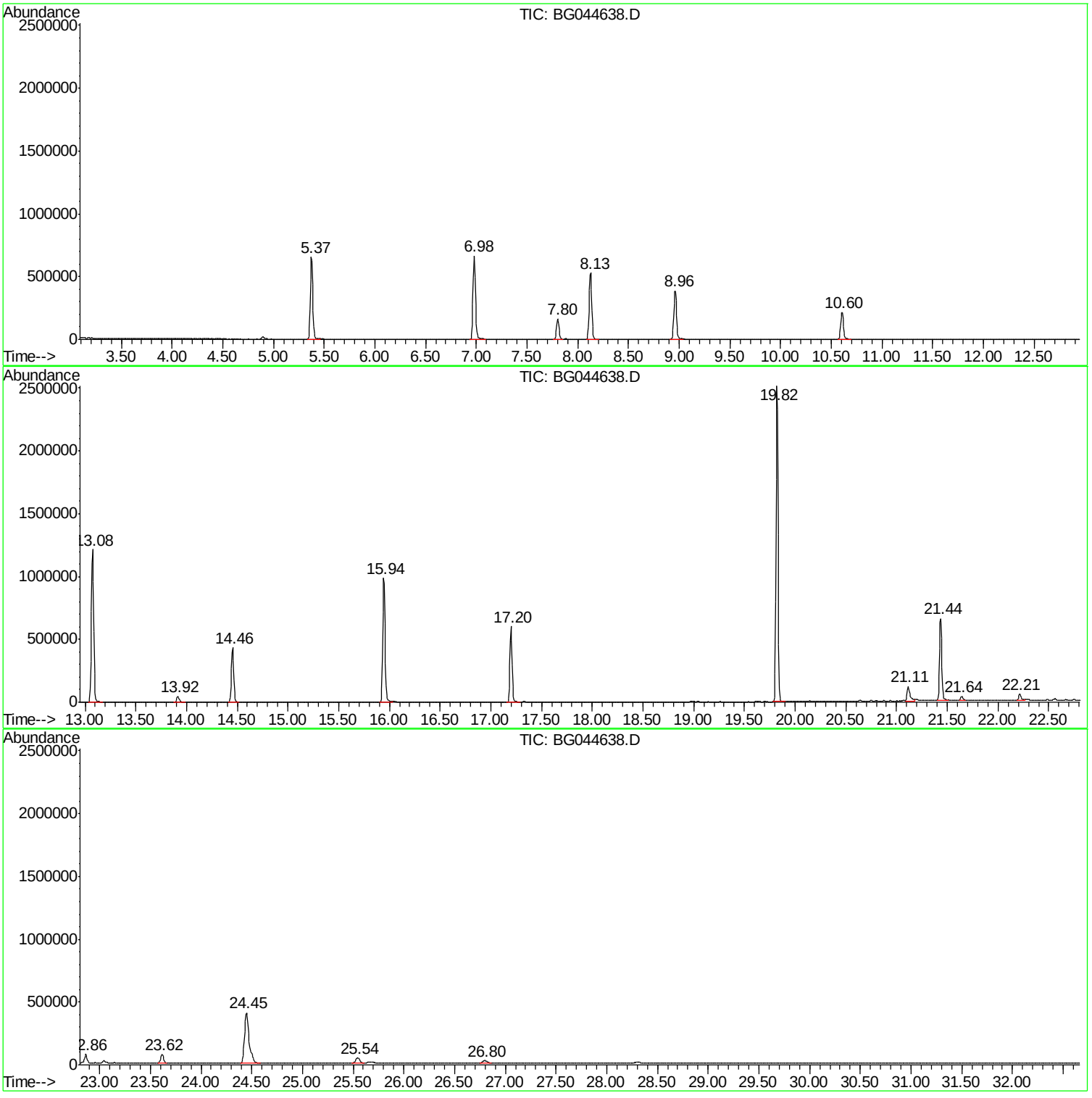
**Instrument :**
BNA_G
**ClientSampleId :**
GP-08-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
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Acq On : 2 Mar 2020 18:29
Operator : CG/JU
Sample : L1740-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GP-08-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.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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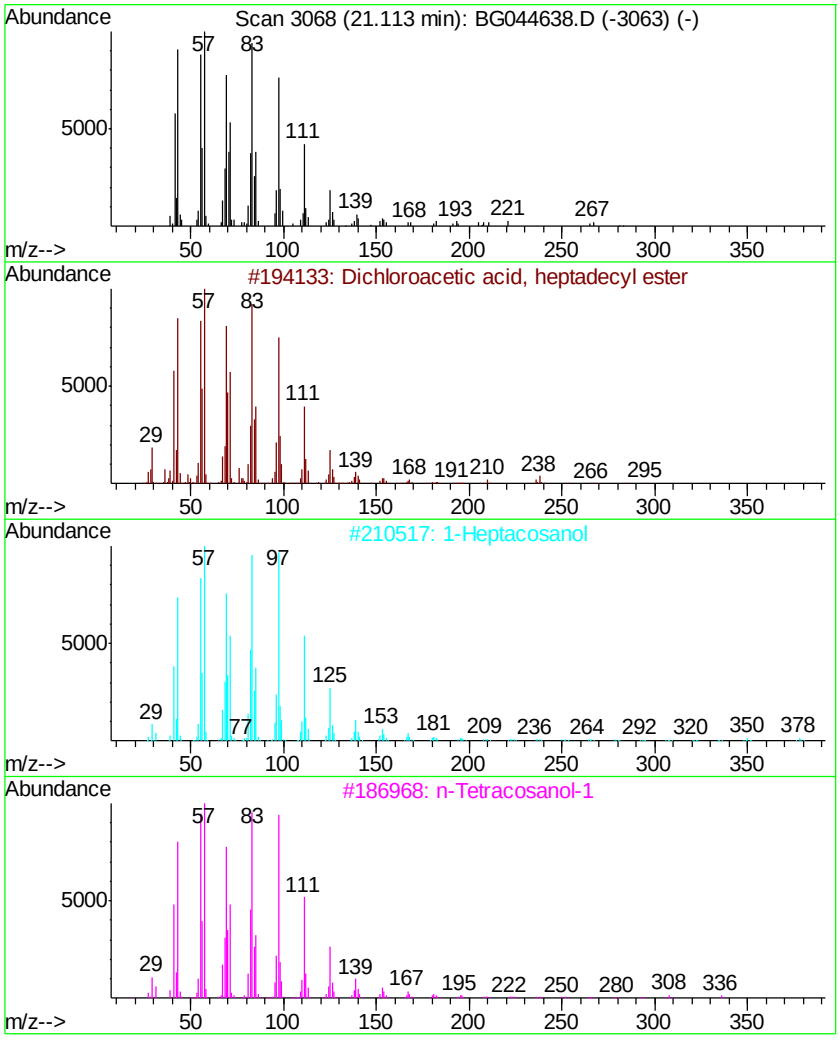
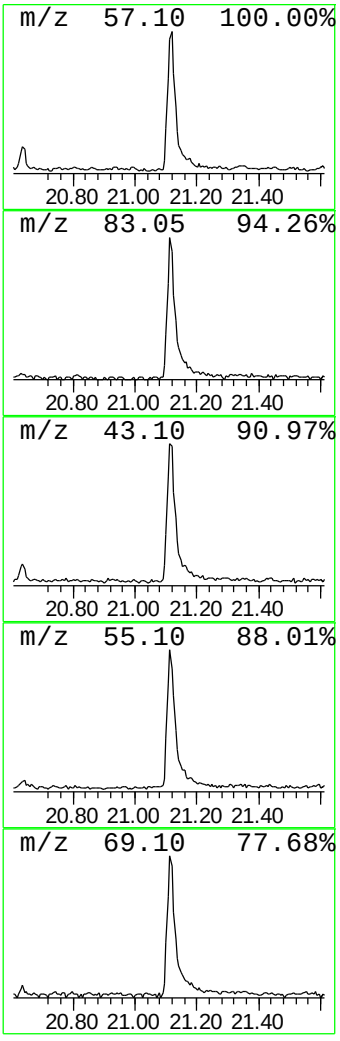
Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.11 | 4.33 ng | 224300 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 95 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |



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ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GP-08-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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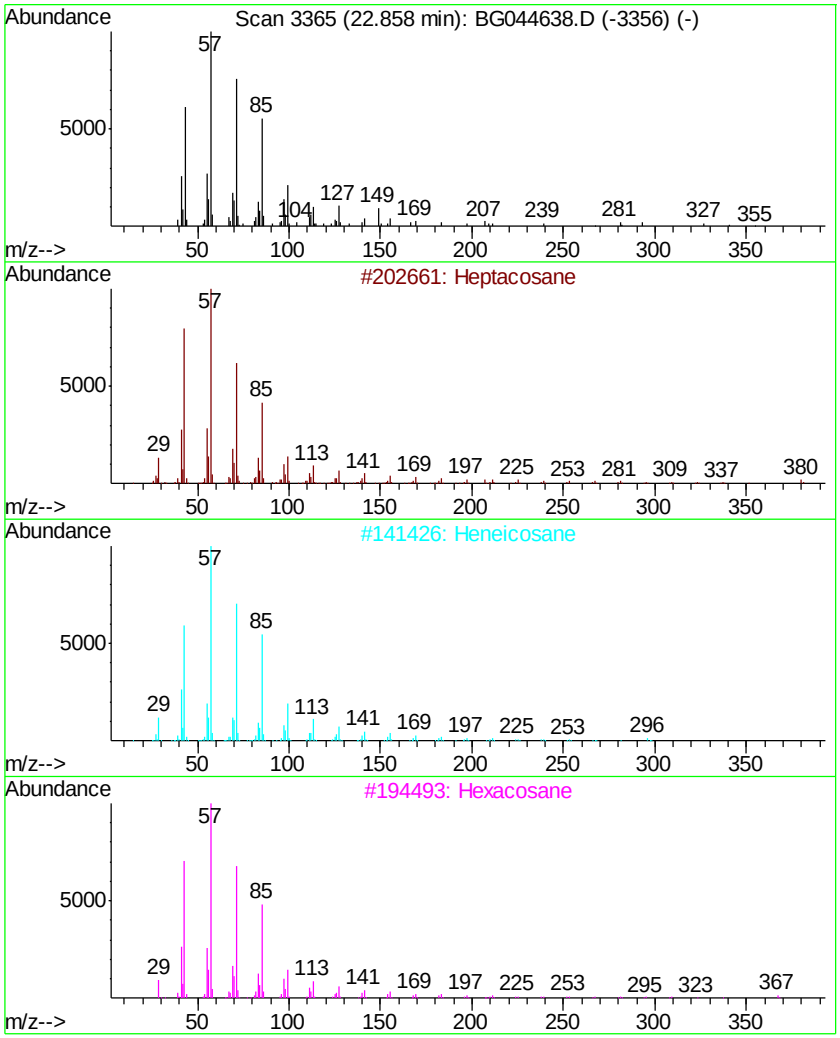
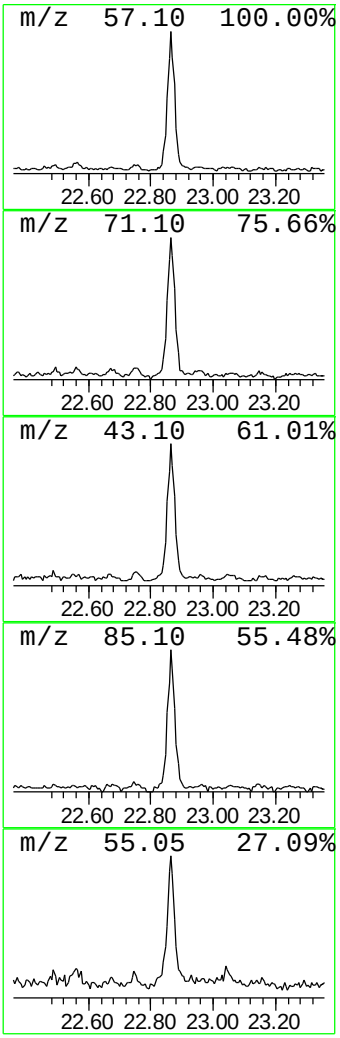
Peak Number 3 Heptacosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.86 | 2.64 ng | 136666 | Chrysene-d12 | 21.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 83 |



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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GP-08-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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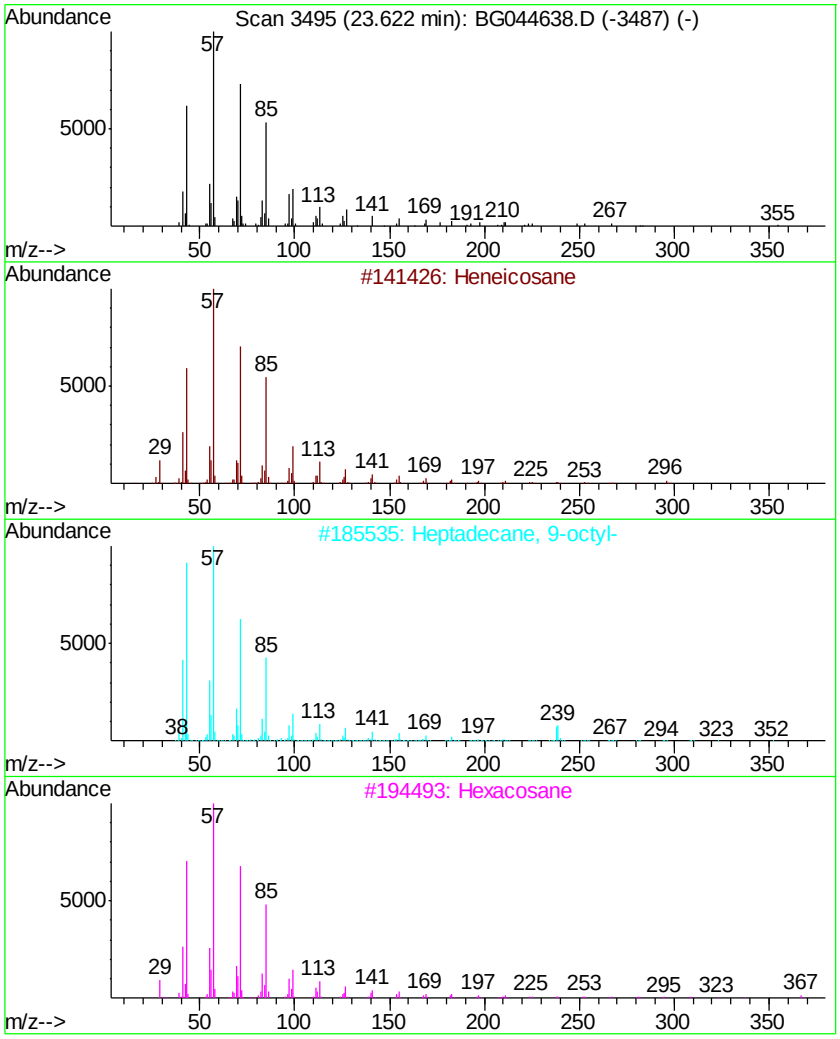
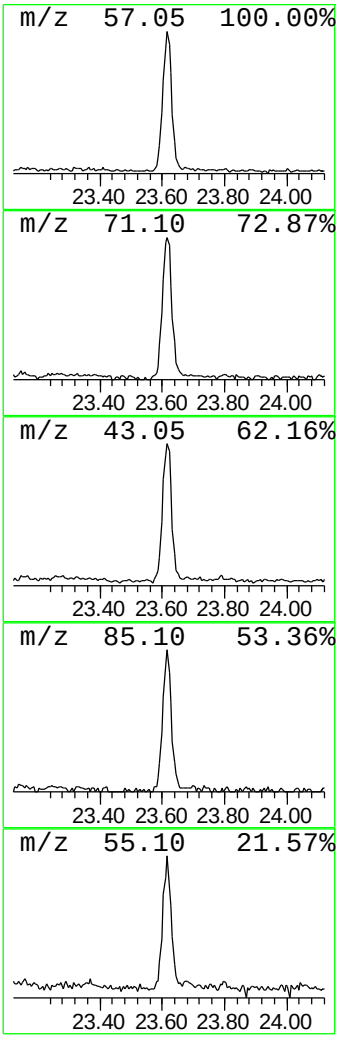
Peak Number 4 Heneicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.62 | 2.23 ng | 137309 | Perylene-d12 | 24.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |



Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Dichloroacetic ac... | 21.11 | 4.3 | ng | 224300 | 5 | 21.44 | 1035630 | 20.0 |
| Heptacosane | 22.86 | 2.6 | ng | 136666 | 5 | 21.44 | 1035630 | 20.0 |
| Heneicosane | 23.62 | 2.2 | ng | 137309 | 6 | 24.45 | 1230440 | 20.0 |