LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

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-BG013020.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 | 5.473 | 399 | 406 | 420 | rBV | 433919 | 736829 | 15.98% | 3.311% |
| 2 | 7.066 | 670 | 677 | 688 | rBV | 261082 | 468320 | 10.15% | 2.105% |
| 3 | 7.894 | 811 | 818 | 827 | rBV | 205256 | 352465 | 7.64% | 1.584% |
| 4 | 8.217 | 865 | 873 | 883 | rBV | 863953 | 1476065 | 32.00% | 6.634% |
| 5 | 9.046 | 1005 | 1014 | 1026 | rBV | 635105 | 1194923 | 25.91% | 5.370% |
| 6 | 10.691 | 1287 | 1294 | 1307 | rBV | 274085 | 517144 | 11.21% | 2.324% |
| 7 | 13.153 | 1706 | 1713 | 1728 | rBV | 1921103 | 3060015 | 66.35% | 13.752% |
| 8 | 13.987 | 1849 | 1855 | 1866 | rBV | 26930 | 47007 | 1.02% | 0.211% |
| 9 | 14.533 | 1941 | 1948 | 1961 | rVB | 540002 | 852795 | 18.49% | 3.833% |
| 10 | 16.026 | 2195 | 2202 | 2228 | rBV | 1574845 | 2556379 | 55.43% | 11.489% |
| 11 | 17.277 | 2409 | 2415 | 2426 | rBV | 655157 | 1014041 | 21.99% | 4.557% |
| 12 | 19.898 | 2854 | 2861 | 2867 | rBV | 3320605 | 4612068 | 100.00% | 20.727% |
| 13 | 20.703 | 2994 | 2998 | 3001 | rVB2 | 73671 | 77918 | 1.69% | 0.350% |
| 14 | 21.190 | 3076 | 3081 | 3090 | rBV2 | 191462 | 332794 | 7.22% | 1.496% |
| 15 | 21.519 | 3131 | 3137 | 3146 | rBV | 659485 | 1072270 | 23.25% | 4.819% |
| 16 | 21.643 | 3155 | 3158 | 3163 | rBV2 | 39337 | 53496 | 1.16% | 0.240% |
| 17 | 21.725 | 3168 | 3172 | 3178 | rVB | 150133 | 202318 | 4.39% | 0.909% |
| 18 | 22.313 | 3267 | 3272 | 3279 | rVB | 161761 | 258674 | 5.61% | 1.162% |
| 19 | 22.941 | 3372 | 3379 | 3394 | rBV2 | 484677 | 1291772 | 28.01% | 5.805% |
| 20 | 23.153 | 3411 | 3415 | 3426 | rVB | 72083 | 137365 | 2.98% | 0.617% |
| 21 | 23.740 | 3510 | 3515 | 3529 | rVB | 146876 | 307097 | 6.66% | 1.380% |
| 22 | 24.610 | 3653 | 3663 | 3683 | rVB3 | 374203 | 1394315 | 30.23% | 6.266% |
| 23 | 25.726 | 3845 | 3853 | 3864 | rVB2 | 75891 | 235480 | 5.11% | 1.058% |

Sum of corrected areas: 22251550

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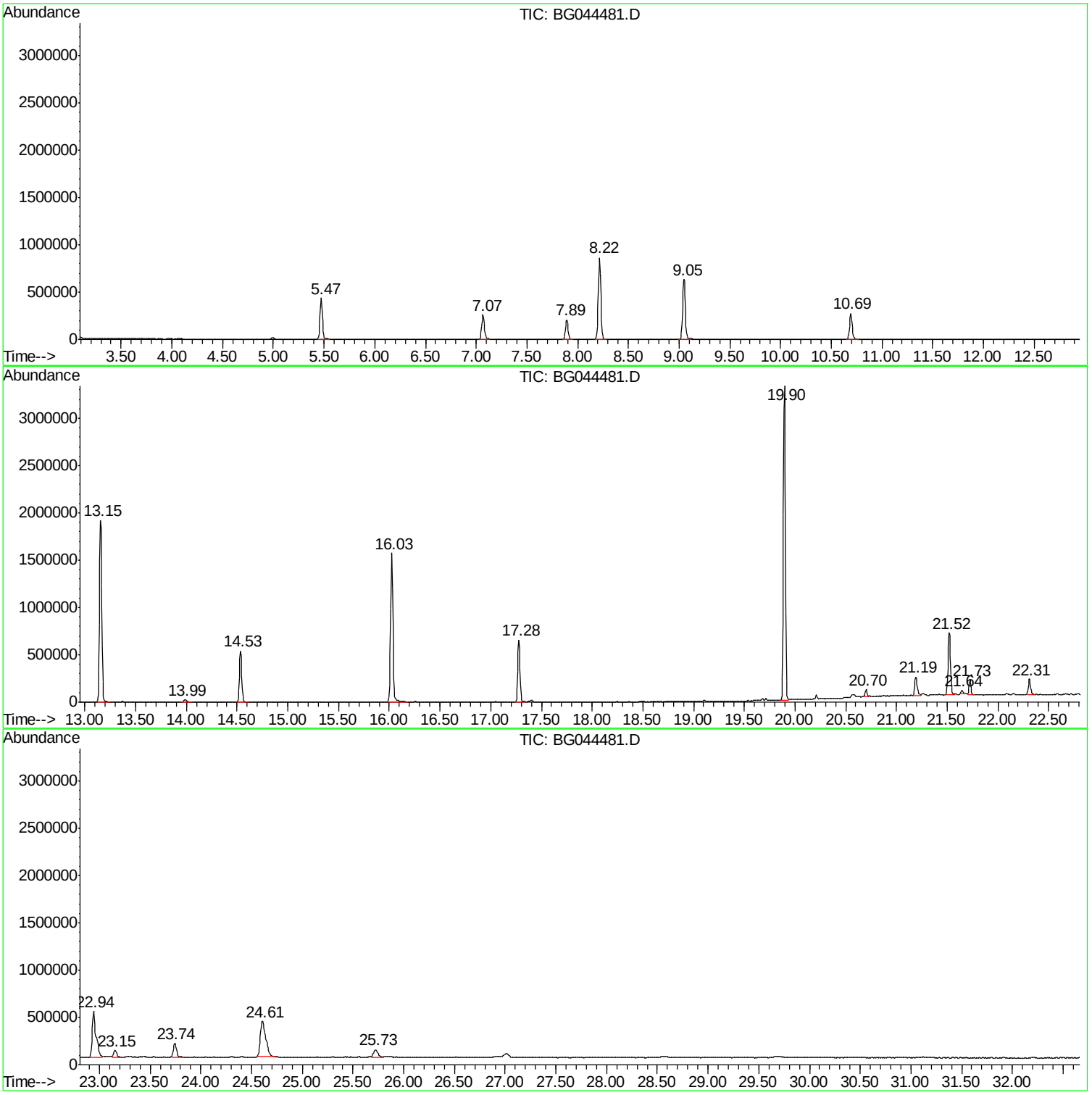
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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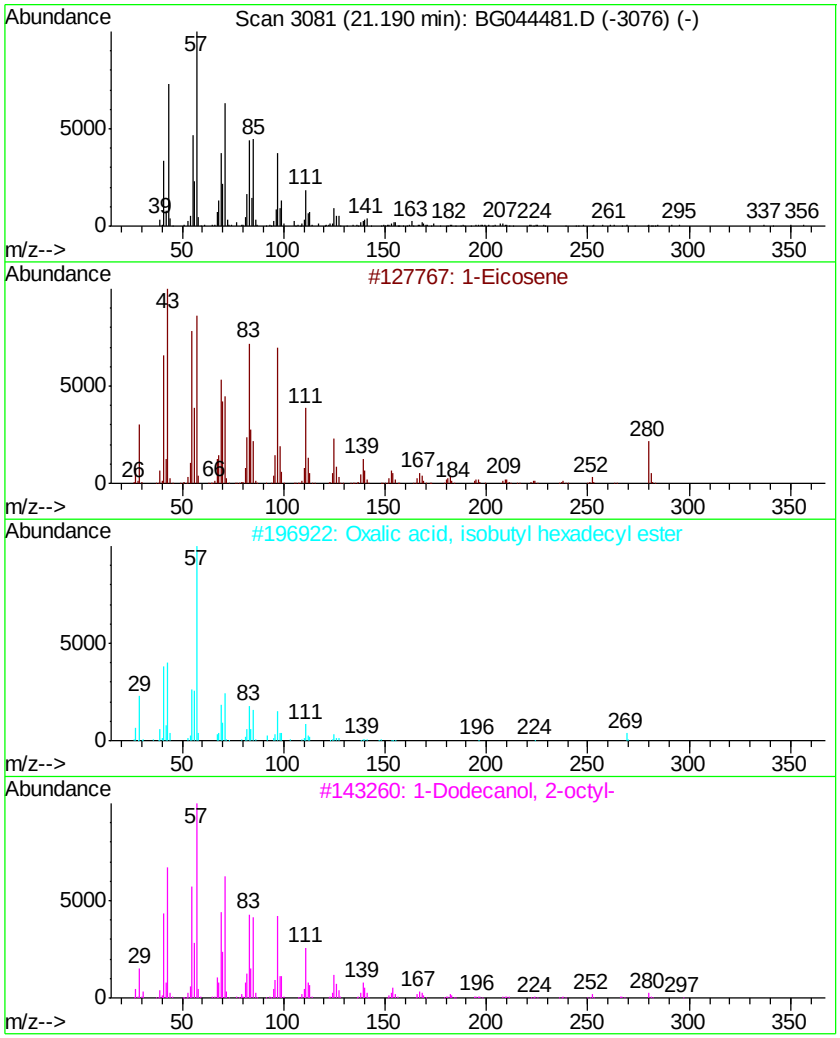
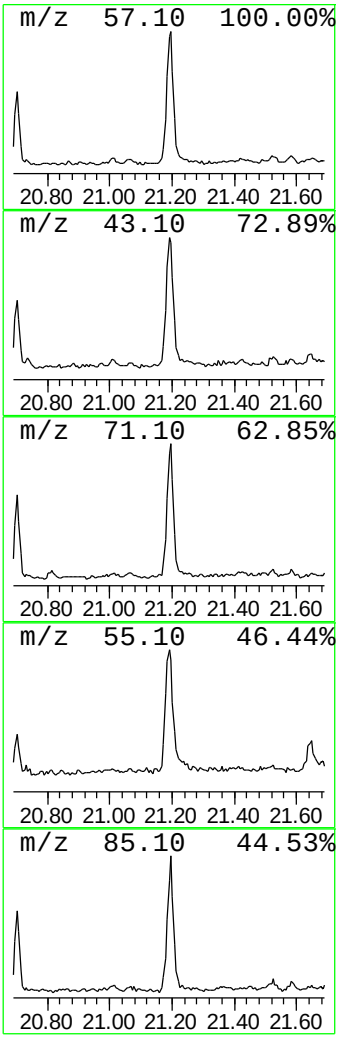
Peak Number 2 1-Eicosene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.19 | 6.21 ng | 332794 | Chrysene-d12 | 21.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 92 |
| 2 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 91 |
| 3 | 1-Dodecanol, 2-octyl- | 298 | C20H42O | 005333-42-6 | 91 |
| 4 | Oxalic acid, isobutyl octadecyl ... | 398 | C24H46O4 | 1000309-38-3 | 91 |
| 5 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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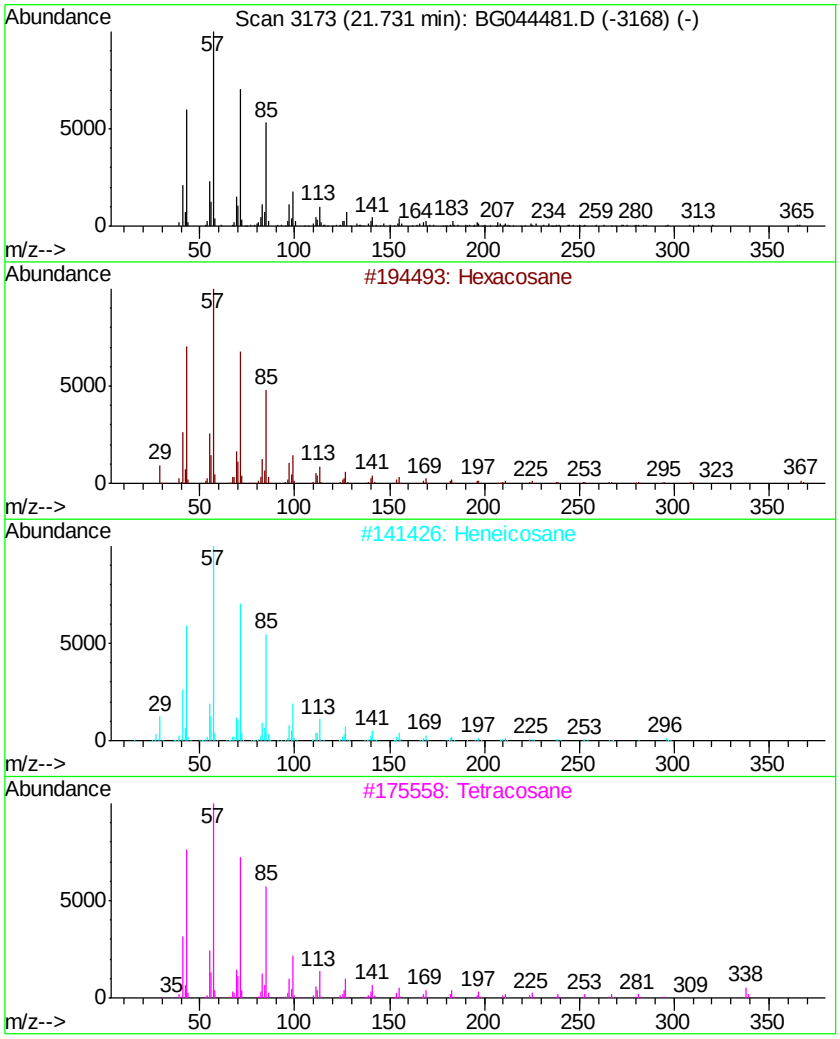
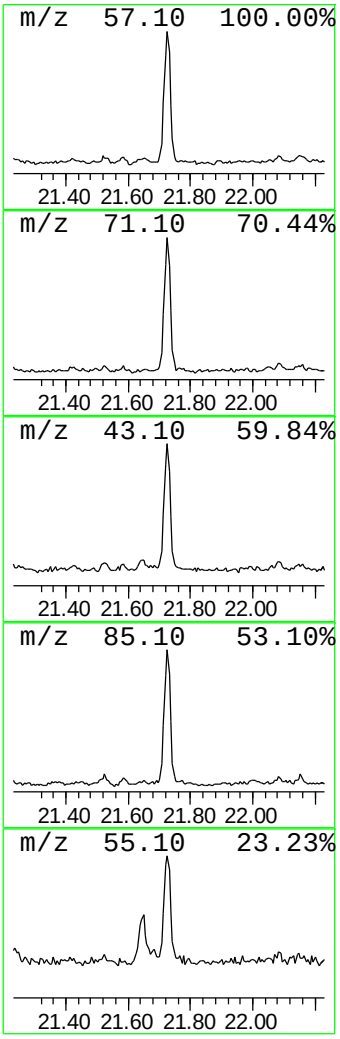
Peak Number 3 Hexacosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.73 | 3.77 ng | 202318 | Chrysene-d12 | 21.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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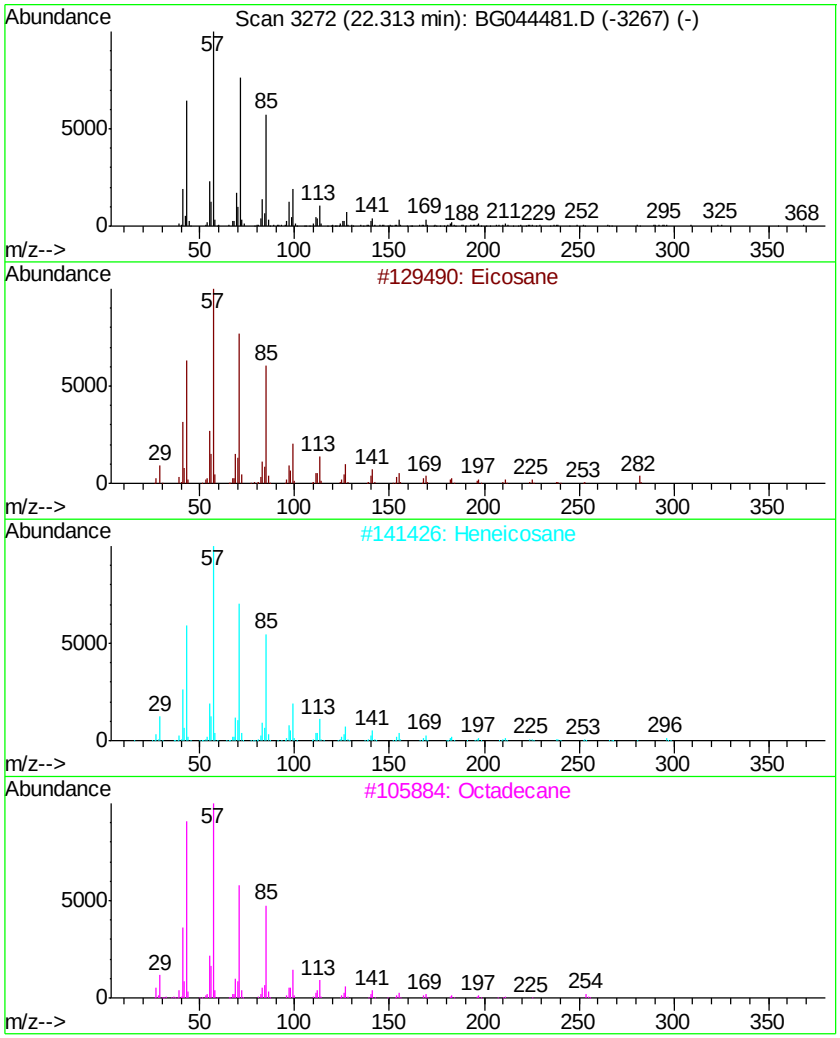
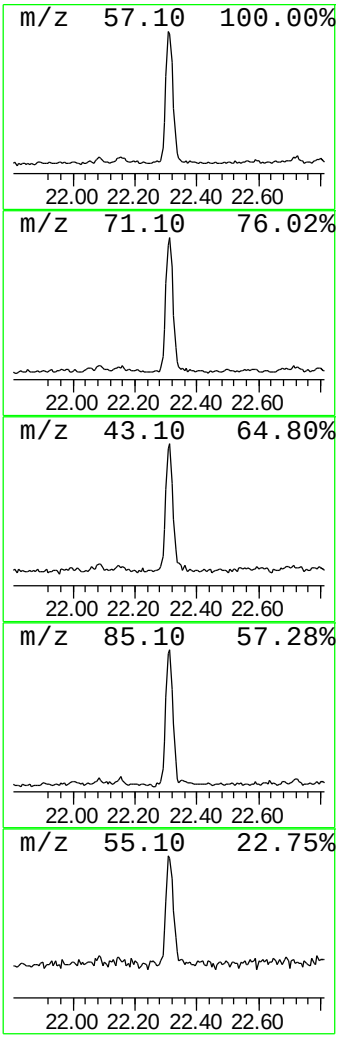
Peak Number 4 Eicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.31 | 4.82 ng | 258674 | Chrysene-d12 | 21.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 98 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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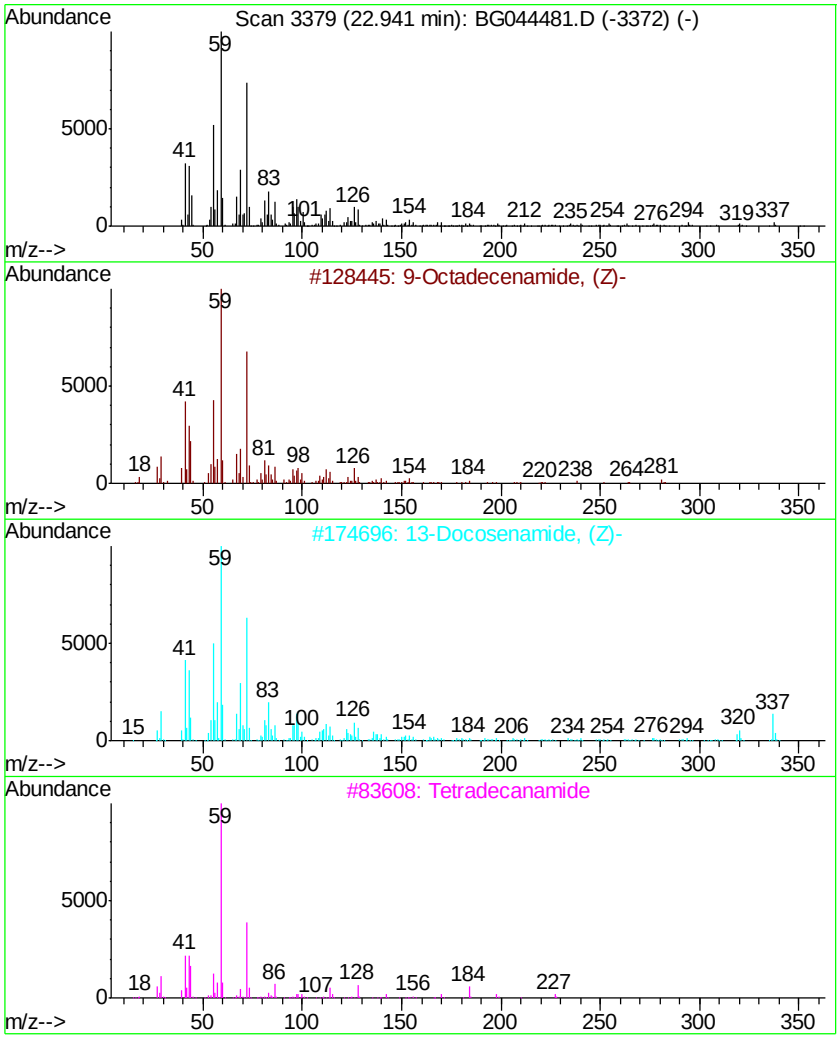
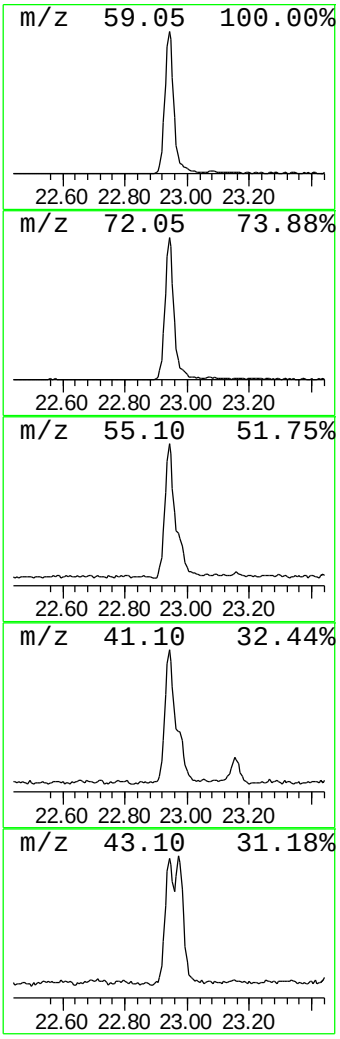
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.94 | 24.09 ng | 1291770 | Chrysene-d12 | 21.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91 |
| 2 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 90 |
| 3 | Tetradecanamide | 227 | C14H29NO | 000638-58-4 | 47 |
| 4 | Dodecanamide | 199 | C12H25NO | 001120-16-7 | 43 |
| 5 | 1,1,3-Trimethyl-1-silacyclobutane | 114 | C6H14Si | 002295-13-8 | 35 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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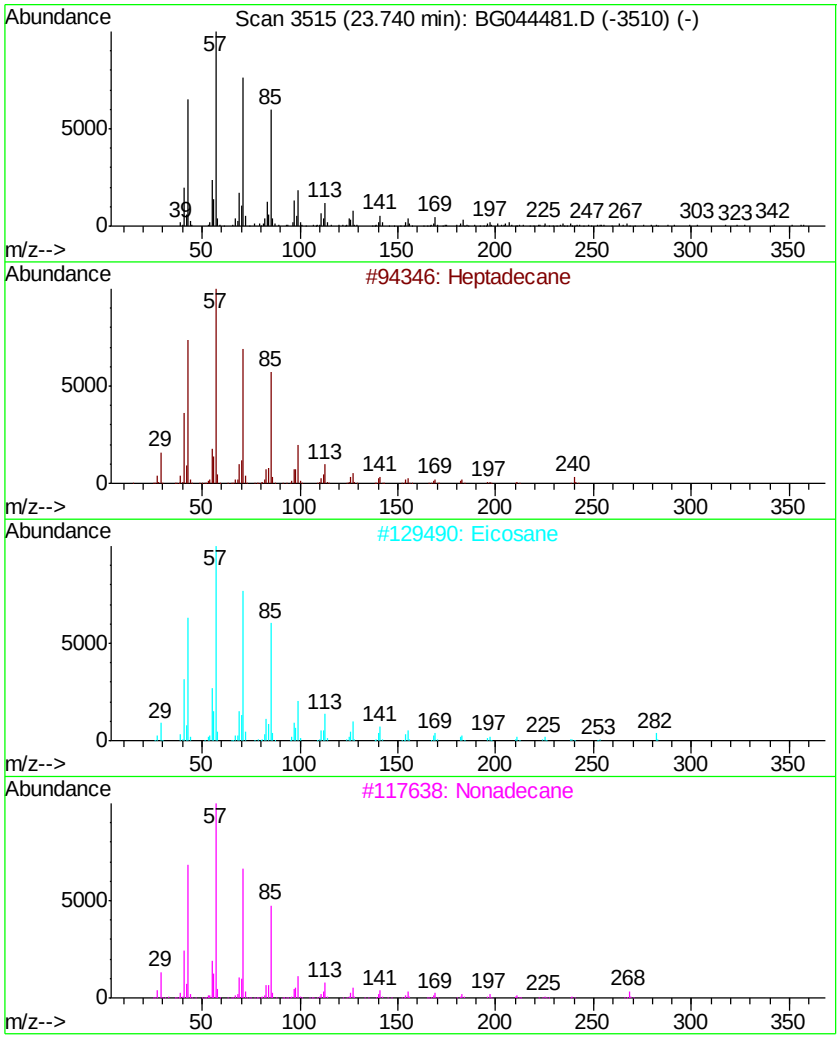
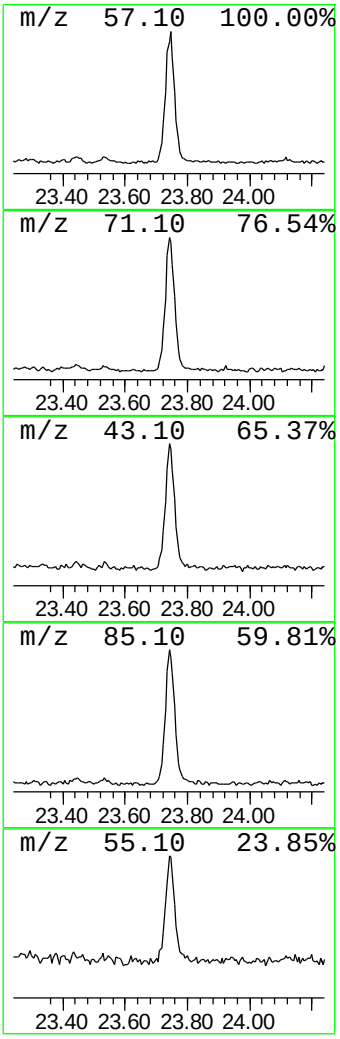
Peak Number 6 Heptadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.74 | 4.40 ng | 307097 | Perylene-d12 | 24.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |



# Library Search Compound Report

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Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

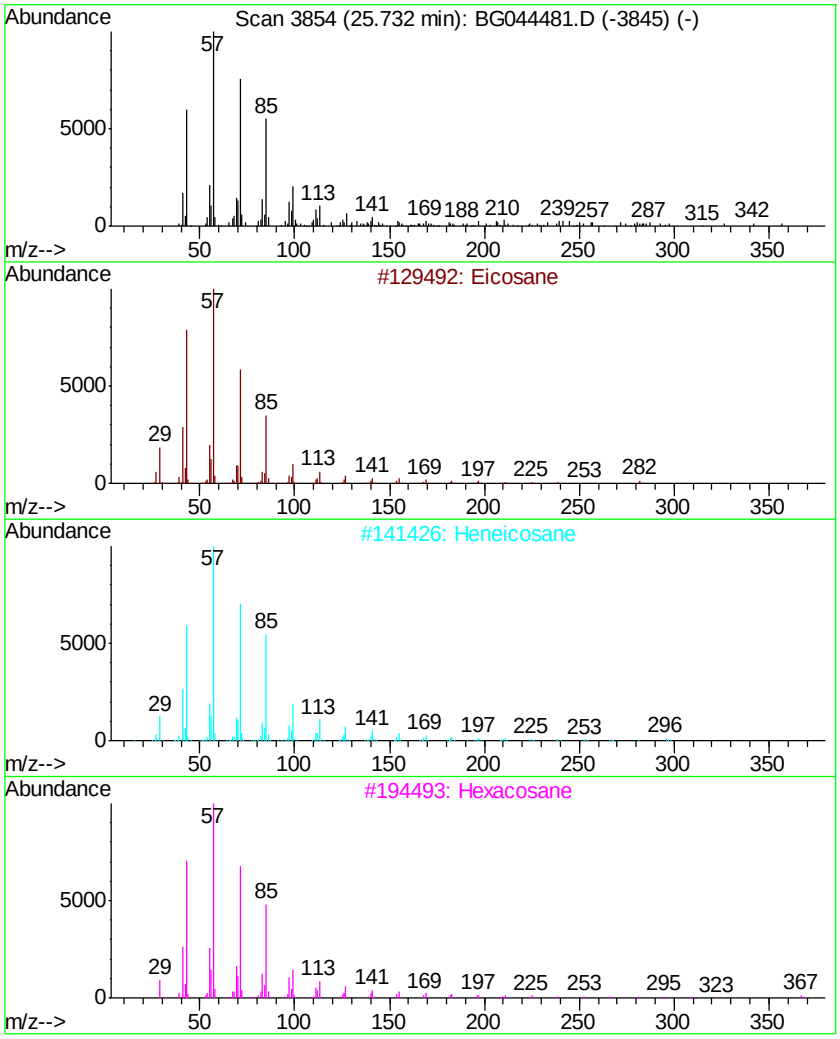
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

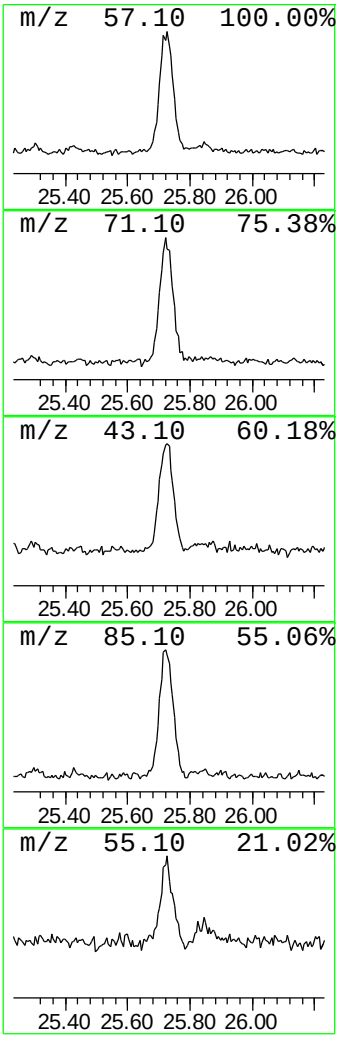
**********

Peak Number 7 Heneicosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.73 | 3.38 ng | 235480 | Perylene-d12 | 24.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 95 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021820\
Data File : BG044481.D
Acq On : 18 Feb 2020 20:38
Operator : CG/JU
Sample : L1558-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 0110-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 1-Eicosene | 21.19 | 6.2 | ng | 332794 | 5 | 21.52 | 1072270 | 20.0 |
| Hexacosane | 21.73 | 3.8 | ng | 202318 | 5 | 21.52 | 1072270 | 20.0 |
| Eicosane | 22.31 | 4.8 | ng | 258674 | 5 | 21.52 | 1072270 | 20.0 |
| 9-Octadecenamide,... | 22.94 | 24.1 | ng | 1291770 | 5 | 21.52 | 1072270 | 20.0 |
| Heptadecane | 23.74 | 4.4 | ng | 307097 | 6 | 24.60 | 1394320 | 20.0 |
| Heneicosane | 25.73 | 3.4 | ng | 235480 | 6 | 24.60 | 1394320 | 20.0 |