LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

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-BG073020.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 | 3.155 | 7 | 11 | 27 | rVB | 481881 | 748534 | 9.63% | 2.162% |
| 2 | 5.535 | 409 | 416 | 429 | rBV | 1652816 | 2622024 | 33.74% | 7.572% |
| 3 | 7.121 | 677 | 686 | 697 | rBV | 1589495 | 2730649 | 35.14% | 7.886% |
| 4 | 7.949 | 820 | 827 | 835 | rVB | 332321 | 559166 | 7.20% | 1.615% |
| 5 | 9.101 | 1013 | 1023 | 1033 | rBV | 1024318 | 1854458 | 23.86% | 5.355% |
| 6 | 10.746 | 1295 | 1303 | 1310 | rBV | 450079 | 780717 | 10.05% | 2.255% |
| 7 | 13.202 | 1714 | 1721 | 1728 | rBV | 2873374 | 4468972 | 57.51% | 12.906% |
| 8 | 14.030 | 1855 | 1862 | 1872 | rBV | 359564 | 542492 | 6.98% | 1.567% |
| 9 | 14.577 | 1948 | 1955 | 1965 | rBV | 740144 | 1111867 | 14.31% | 3.211% |
| 10 | 16.063 | 2200 | 2208 | 2229 | rBV | 2646747 | 4334658 | 55.78% | 12.518% |
| 11 | 17.315 | 2415 | 2421 | 2433 | rBV | 944537 | 1455668 | 18.73% | 4.204% |
| 12 | 18.989 | 2701 | 2706 | 2710 | rBV | 292584 | 363622 | 4.68% | 1.050% |
| 13 | 19.395 | 2770 | 2775 | 2780 | rBV | 63496 | 84920 | 1.09% | 0.245% |
| 14 | 19.935 | 2860 | 2867 | 2873 | rBV | 5916980 | 7771035 | 100.00% | 22.442% |
| 15 | 20.840 | 3017 | 3021 | 3027 | rBV | 164160 | 200085 | 2.57% | 0.578% |
| 16 | 21.234 | 3083 | 3088 | 3096 | rBV2 | 495634 | 699523 | 9.00% | 2.020% |
| 17 | 21.304 | 3096 | 3100 | 3105 | rVB | 75019 | 111601 | 1.44% | 0.322% |
| 18 | 21.563 | 3138 | 3144 | 3155 | rVB | 1141614 | 1794764 | 23.10% | 5.183% |
| 19 | 21.780 | 3177 | 3181 | 3187 | rVB2 | 51298 | 79121 | 1.02% | 0.228% |
| 20 | 22.380 | 3278 | 3283 | 3291 | rVB4 | 91965 | 185832 | 2.39% | 0.537% |
| 21 | 23.043 | 3392 | 3396 | 3402 | rBV | 80592 | 129401 | 1.67% | 0.374% |
| 22 | 23.825 | 3524 | 3529 | 3535 | rBV2 | 91231 | 166503 | 2.14% | 0.481% |
| 23 | 24.671 | 3663 | 3673 | 3681 | rBV2 | 673755 | 1832193 | 23.58% | 5.291% |

Sum of corrected areas: 34627805

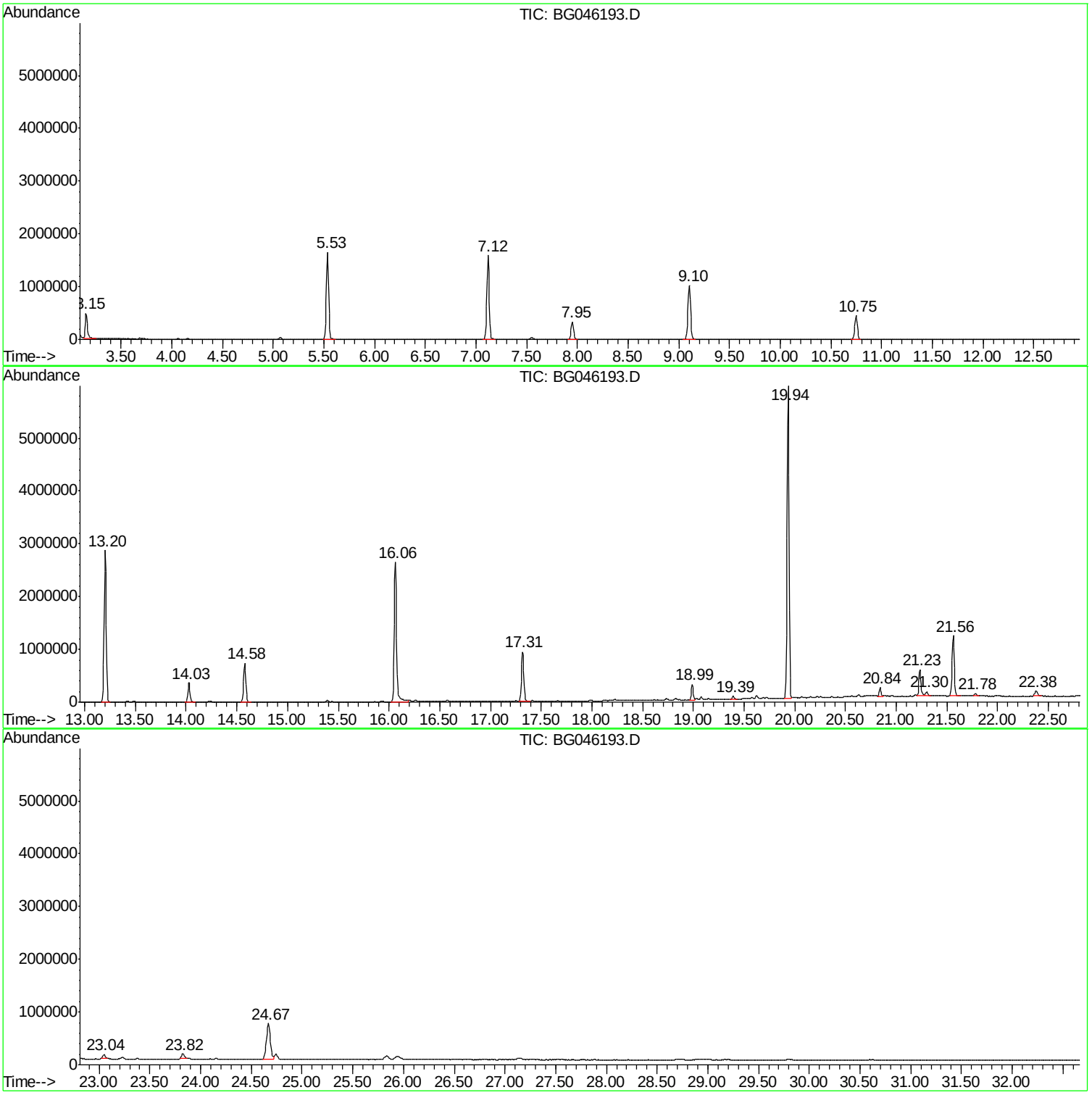
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

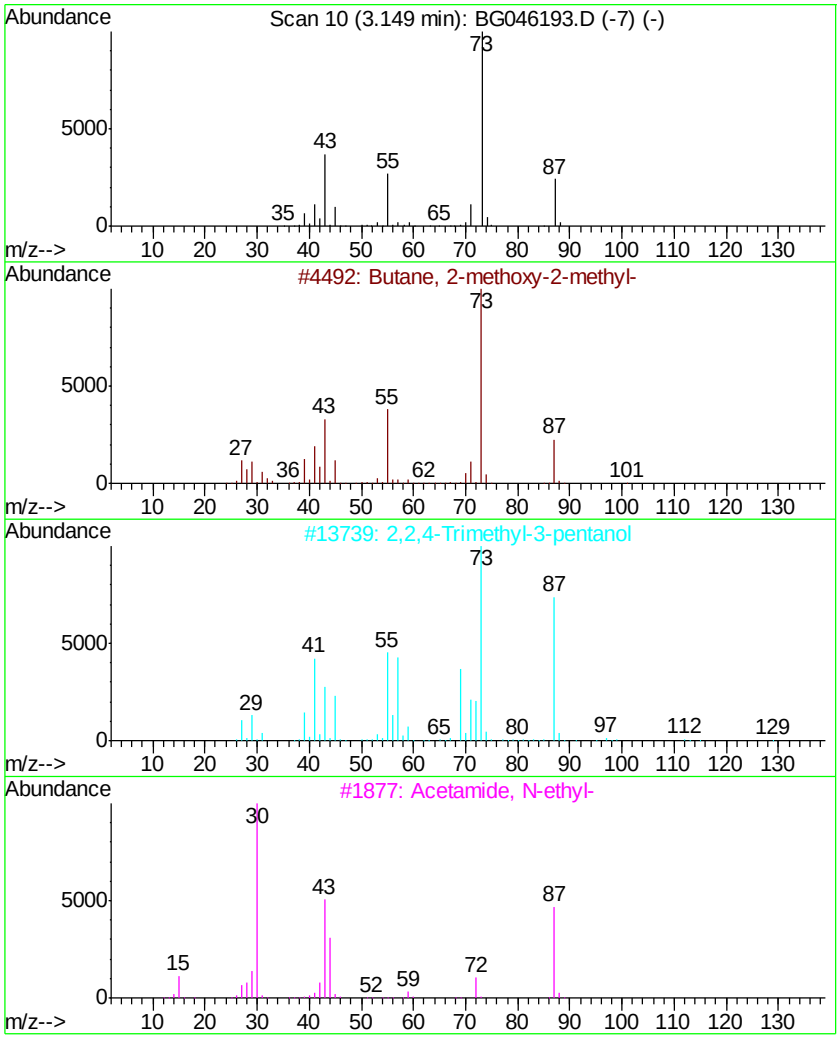
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

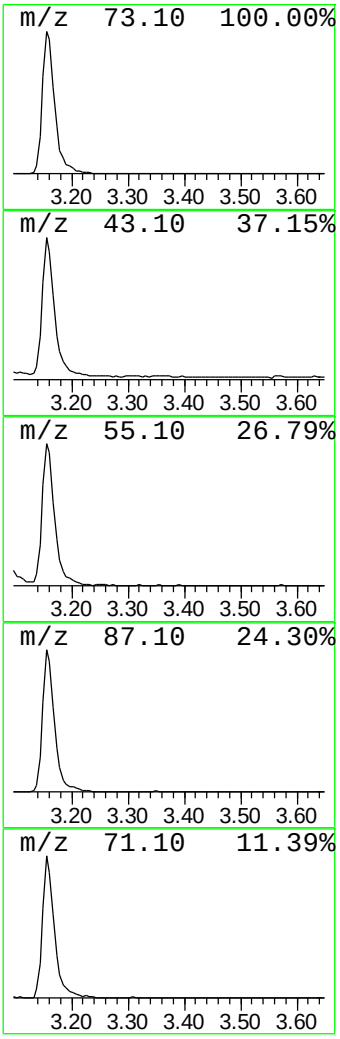
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.15 | 26.77 ng | 748534 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 27 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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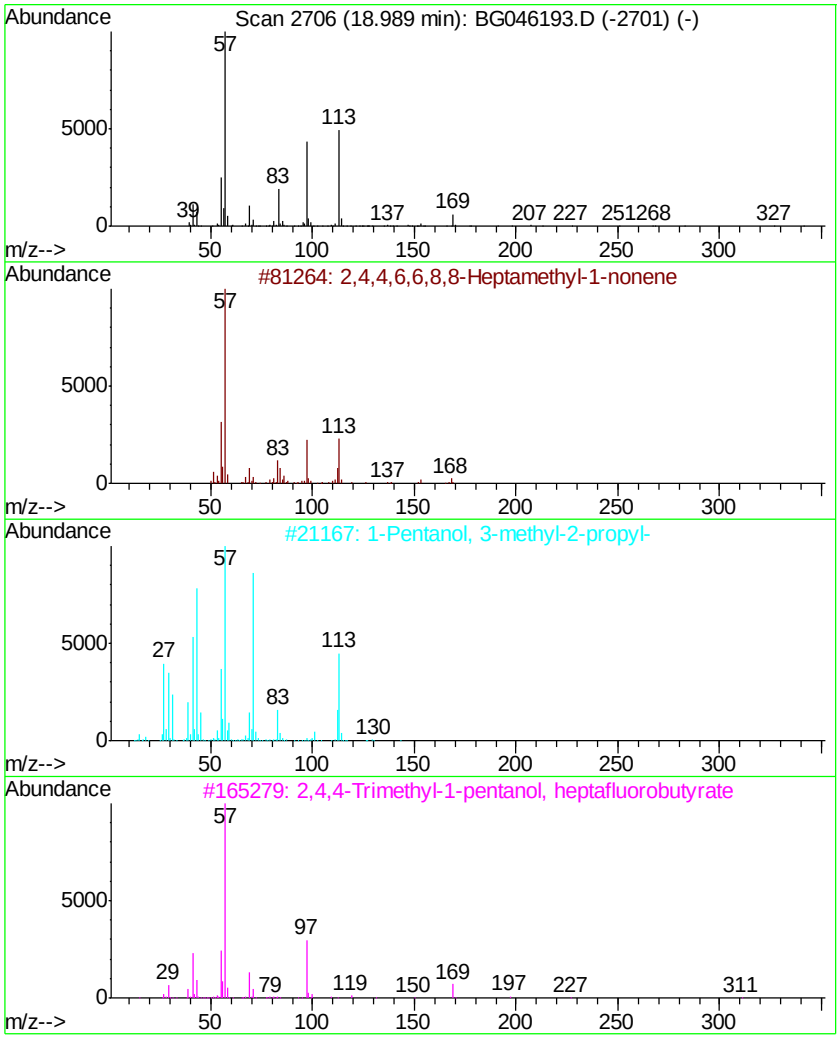
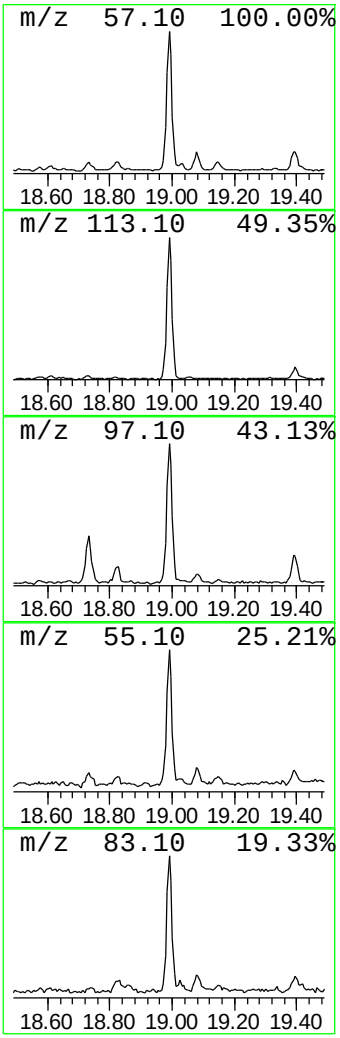
Peak Number 2 unknown18.99 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.99 | 5.00 ng | 363622 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32 | 015796-04-0 | 43 |
| 2 | 1-Pentanol, 3-methyl-2-propyl- | 144 | C9H20O | 054004-40-9 | 33 |
| 3 | 2,4,4-Trimethyl-1-pentanol, hept... | 326 | C12H17F7O2 | 1000365-01-4 | 32 |
| 4 | 2,4,4-Trimethyl-1-pentanol, pent... | 276 | C11H17F5O2 | 1000365-51-0 | 27 |
| 5 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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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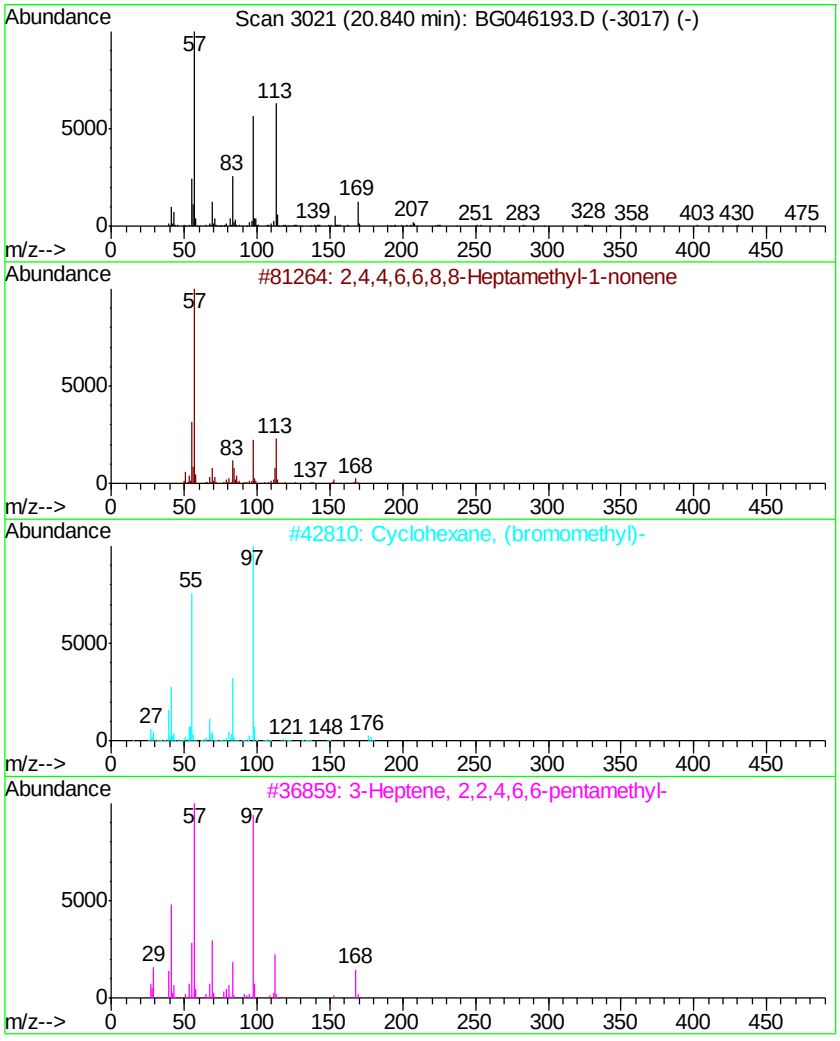
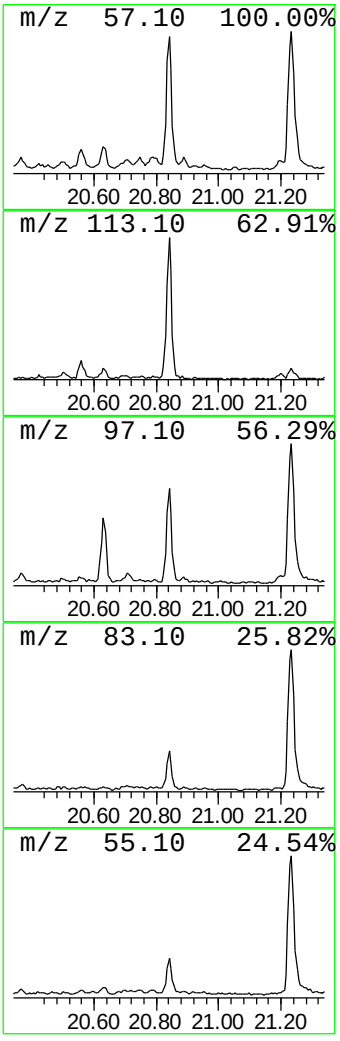
Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.84 | 2.23 ng | 200085 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32 | 015796-04-0 | 56 |
| 2 | Cyclohexane, (bromomethyl)- | 176 | C7H13Br | 002550-36-9 | 27 |
| 3 | 3-Heptene, 2,2,4,6,6-pentamethyl- | 168 | C12H24 | 000123-48-8 | 25 |
| 4 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 25 |
| 5 | Sulfurous acid, cyclohexylmethyl... | 234 | C11H22O3S | 1000309-21-3 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

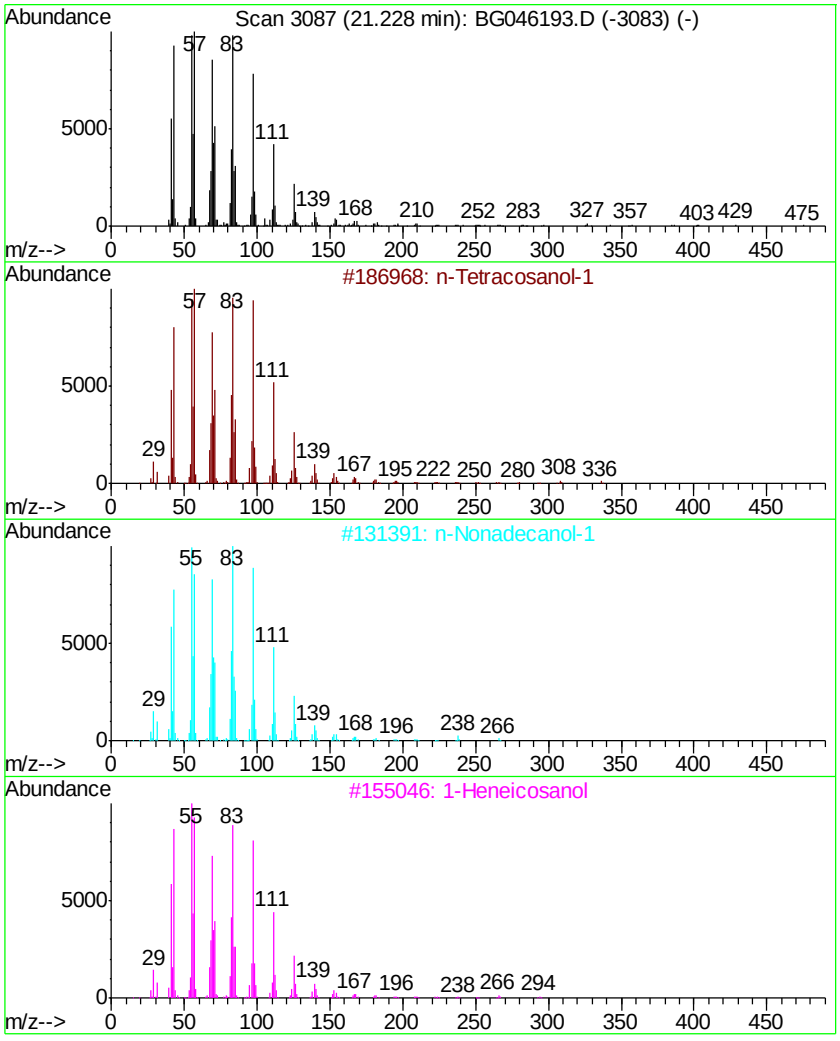
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

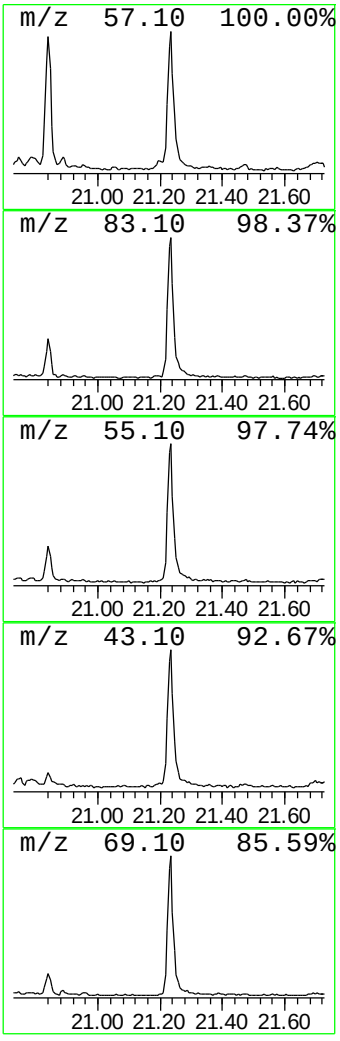
**********

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.23 | 7.80 ng | 699523 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 4 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

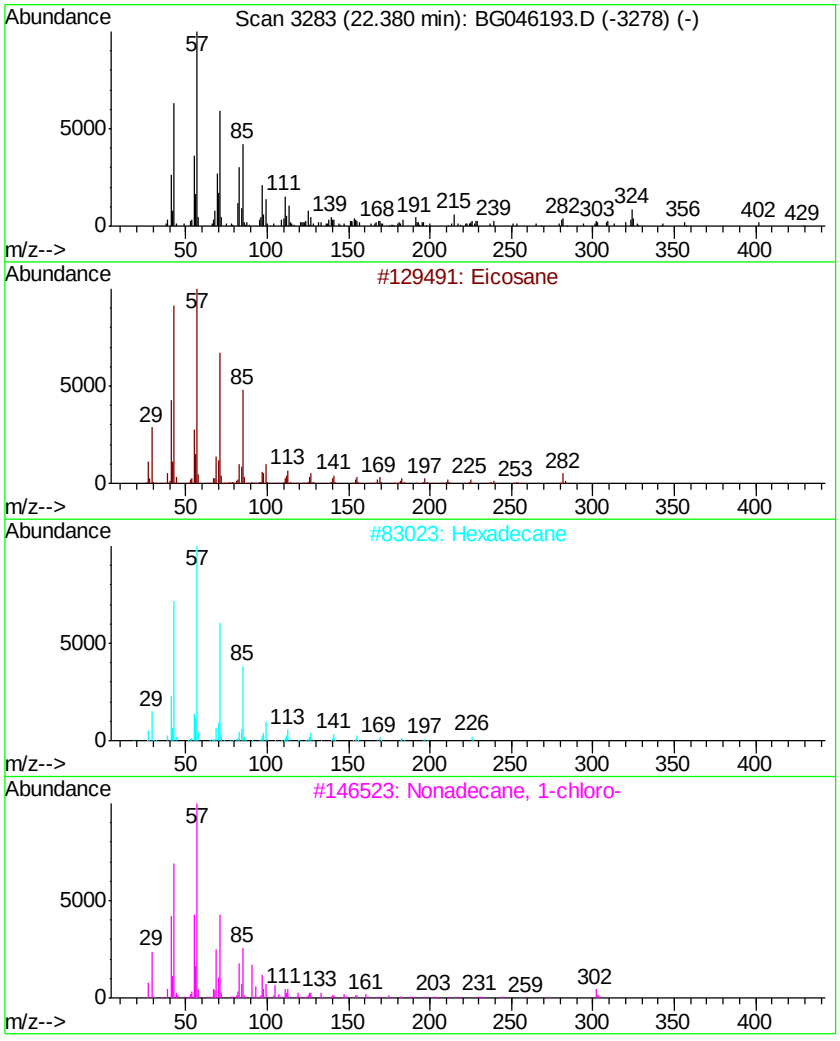
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

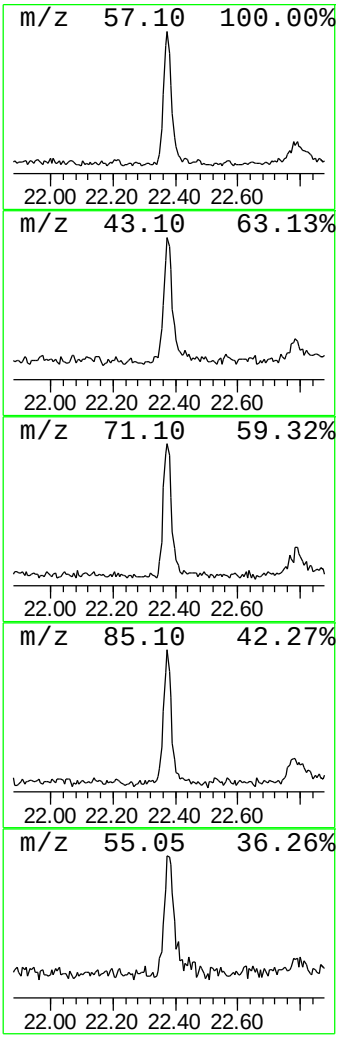
**********

Peak Number 5 Eicosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.38 | 2.07 ng | 185832 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 96 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 96 |
| 3 | Nonadecane, 1-chloro- | 302 | C19H39Cl | 062016-76-6 | 93 |
| 4 | Tricosane | 324 | C23H48 | 000638-67-5 | 93 |
| 5 | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 76 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080720\
Data File : BG046193.D
Acq On : 7 Aug 2020 14:54
Operator : CG/JU
Sample : L3594-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.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 |
| Butane, 2-methoxy... | 3.15 | 26.8 | ng | 748534 | 1 | 7.95 | 559166 | 20.0 |
| unknown18.99 | 18.99 | 5.0 | ng | 363622 | 4 | 17.31 | 1455670 | 20.0 |
| 2,4,4,6,6,8,8-Hep... | 20.84 | 2.2 | ng | 200085 | 5 | 21.56 | 1794760 | 20.0 |
| n-Tetracosanol-1 | 21.23 | 7.8 | ng | 699523 | 5 | 21.56 | 1794760 | 20.0 |
| Eicosane | 22.38 | 2.1 | ng | 185832 | 5 | 21.56 | 1794760 | 20.0 |