LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

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_P\METHODS\8270-BP060520.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 | 5.205 | 387 | 394 | 406 | rBV | 1417722 | 2202896 | 38.26% | 6.502% |
| 2 | 6.775 | 652 | 661 | 676 | rBV | 1533683 | 2506046 | 43.53% | 7.396% |
| 3 | 7.581 | 788 | 798 | 808 | rBV | 530273 | 836821 | 14.53% | 2.470% |
| 4 | 7.899 | 845 | 852 | 864 | rBV | 1354808 | 2171982 | 37.72% | 6.410% |
| 5 | 8.728 | 980 | 993 | 1007 | rBV | 1015984 | 1748150 | 30.36% | 5.160% |
| 6 | 10.351 | 1262 | 1269 | 1283 | rBV | 693281 | 1223375 | 21.25% | 3.611% |
| 7 | 12.845 | 1686 | 1693 | 1717 | rBV | 2640858 | 4051034 | 70.36% | 11.956% |
| 8 | 13.692 | 1831 | 1837 | 1850 | rBV | 209233 | 317232 | 5.51% | 0.936% |
| 9 | 14.228 | 1922 | 1928 | 1948 | rVB | 1108700 | 1743433 | 30.28% | 5.146% |
| 10 | 15.728 | 2177 | 2183 | 2196 | rBV | 1995189 | 3135412 | 54.46% | 9.254% |
| 11 | 16.986 | 2391 | 2397 | 2403 | rBV | 1491691 | 2121012 | 36.84% | 6.260% |
| 12 | 18.657 | 2676 | 2681 | 2685 | rBV | 182018 | 214938 | 3.73% | 0.634% |
| 13 | 19.016 | 2739 | 2742 | 2745 | rBV | 68941 | 78144 | 1.36% | 0.231% |
| 14 | 19.369 | 2799 | 2802 | 2808 | rVB2 | 67426 | 108501 | 1.88% | 0.320% |
| 15 | 19.580 | 2832 | 2838 | 2848 | rVB | 4641981 | 5757459 | 100.00% | 16.993% |
| 16 | 20.468 | 2986 | 2989 | 2993 | rBV | 189721 | 201296 | 3.50% | 0.594% |
| 17 | 20.833 | 3047 | 3051 | 3057 | rBV | 744068 | 946646 | 16.44% | 2.794% |
| 18 | 20.886 | 3058 | 3060 | 3065 | rVB | 103374 | 113401 | 1.97% | 0.335% |
| 19 | 21.098 | 3091 | 3096 | 3100 | rVB | 1393351 | 1828626 | 31.76% | 5.397% |
| 20 | 21.274 | 3123 | 3126 | 3131 | rVB | 151249 | 156023 | 2.71% | 0.460% |
| 21 | 21.704 | 3196 | 3199 | 3208 | rVB3 | 210253 | 317740 | 5.52% | 0.938% |
| 22 | 22.163 | 3274 | 3277 | 3282 | rVB | 193606 | 234715 | 4.08% | 0.693% |
| 23 | 22.662 | 3359 | 3362 | 3367 | rVB | 198763 | 253840 | 4.41% | 0.749% |
| 24 | 23.298 | 3464 | 3470 | 3481 | rVB2 | 867165 | 1612968 | 28.02% | 4.761% |

Sum of corrected areas: 33881690

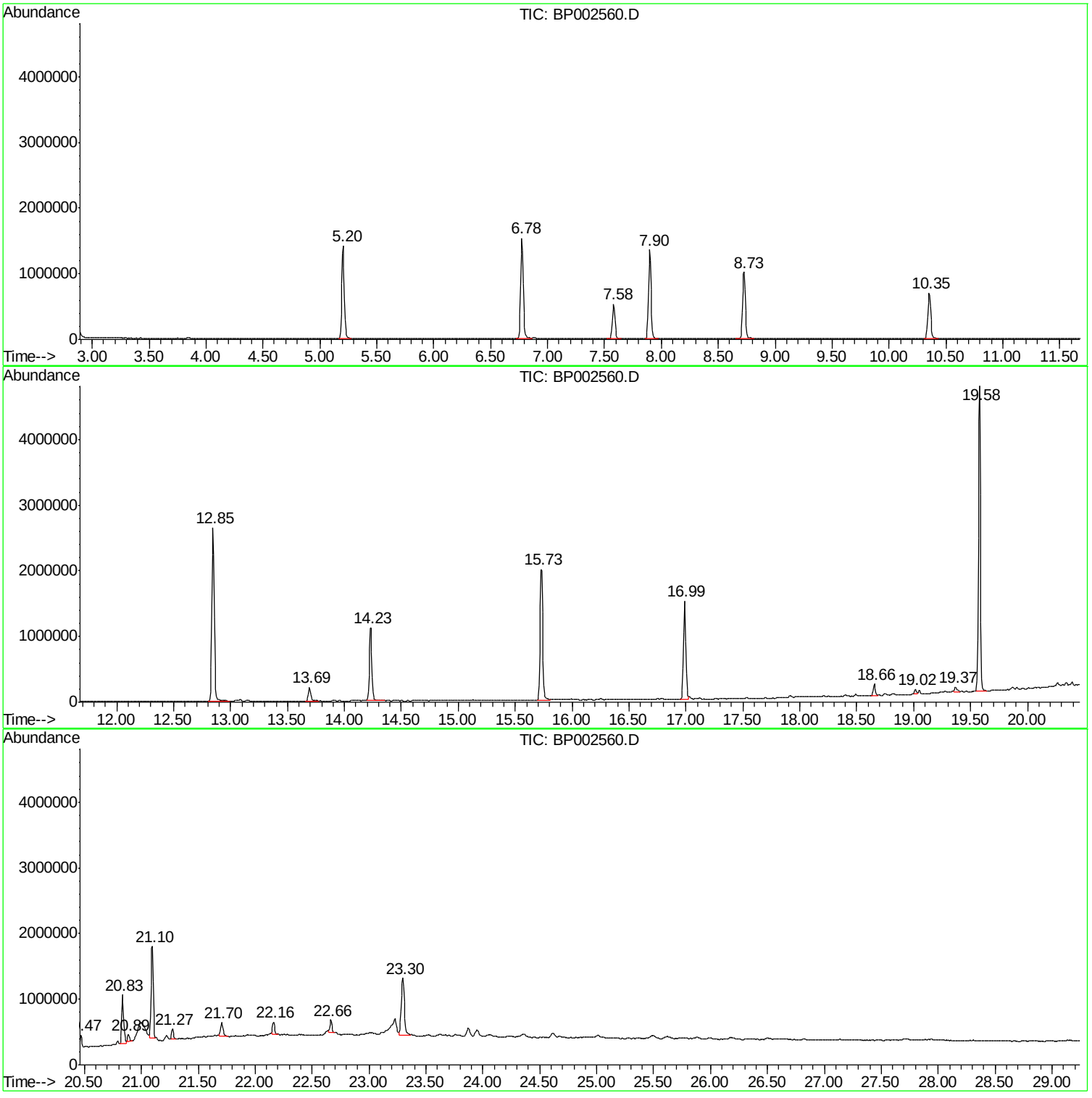
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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 P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

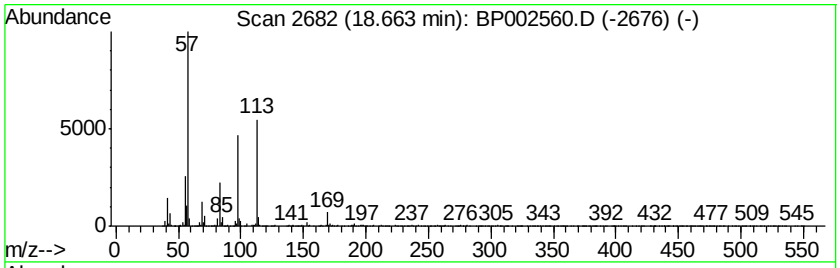
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

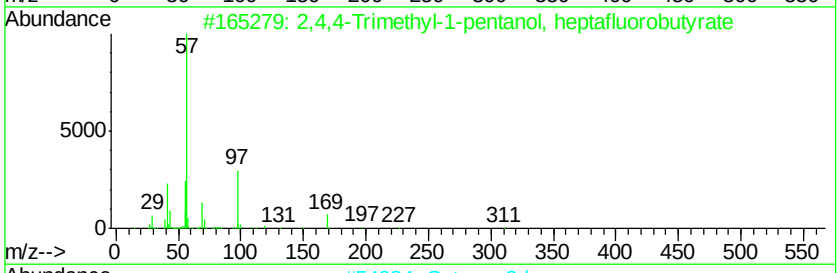
**********

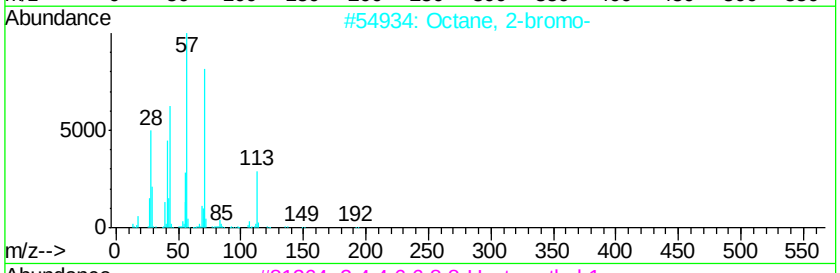
Peak Number 2 unknown18.66 Concentration Rank 7

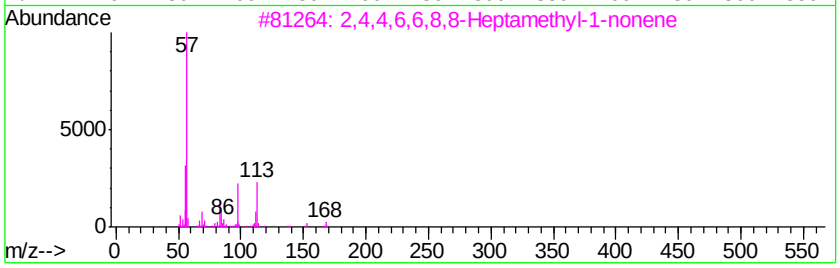
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.66 | 2.03 ng | 214938 | Phenanthrene-d10 | 16.99 |

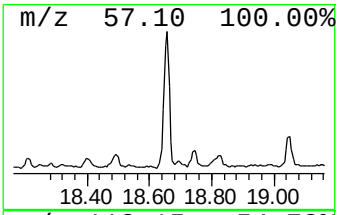
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,4-Trimethyl-1-pentanol, hept... | 326 | C12H17F7O2 | 1000365-01-4 | 37 |
| 2 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 37 |
| 3 | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32 | 015796-04-0 | 37 |
| 4 | 2,4,4-Trimethyl-1-pentanol, pent... | 276 | C11H17F5O2 | 1000365-51-0 | 27 |
| 5 | Formic acid, 2,4,4-trimethylpent... | 158 | C9H18O2 | 1000368-95-2 | 25 |

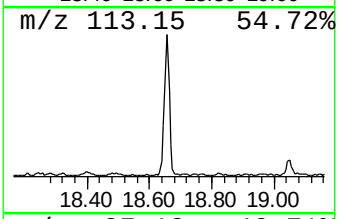


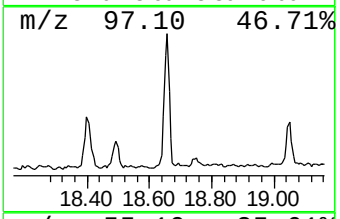



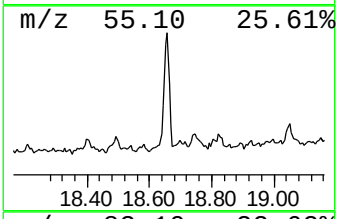



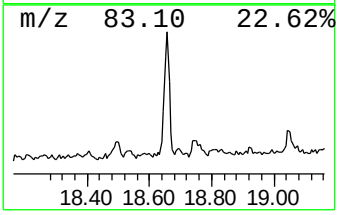



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

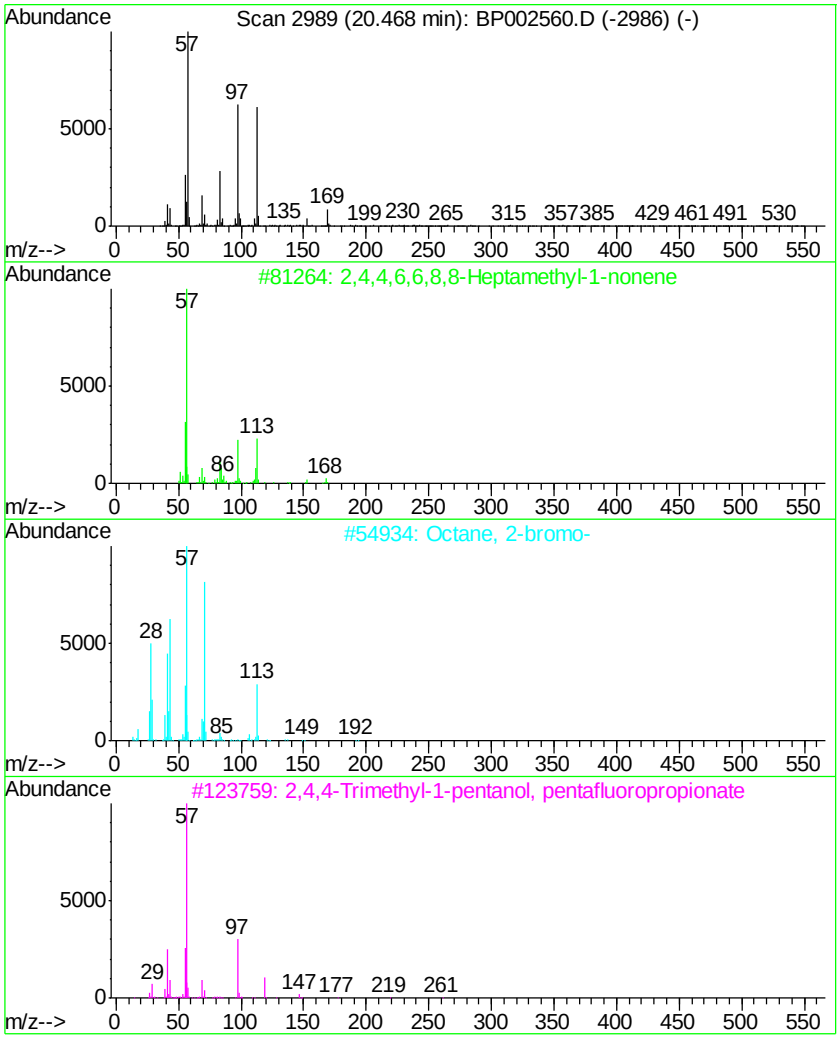
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

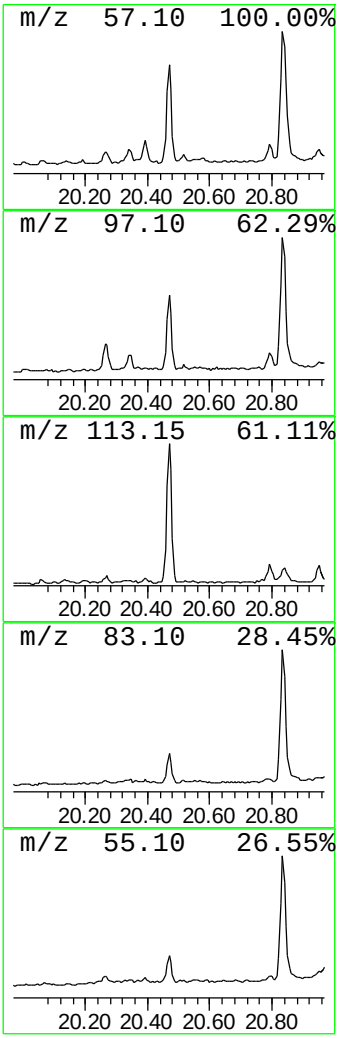
**********

Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.47 | 2.20 ng | 201296 | Chrysene-d12 | 21.10 |

| 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 | 64 |
| 2 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 35 |
| 3 | 2,4,4-Trimethyl-1-pentanol, pent... | 276 | C11H17F5O2 | 1000365-51-0 | 27 |
| 4 | Ribitol, 1,3:4,5-di-O-(ethylbora... | 212 | C9H18B2O4 | 1000149-52-8 | 25 |
| 5 | 2,4,4-Trimethyl-1-pentanol, trif... | 226 | C10H17F3O2 | 1000365-19-5 | 16 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

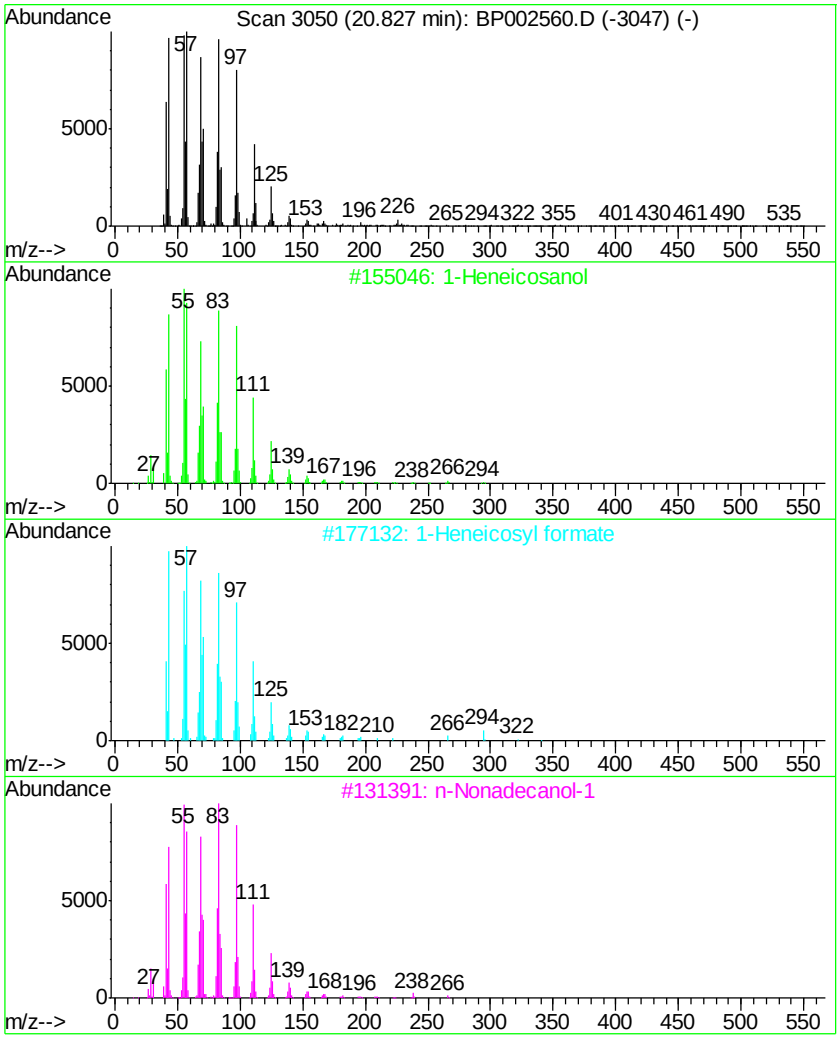
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

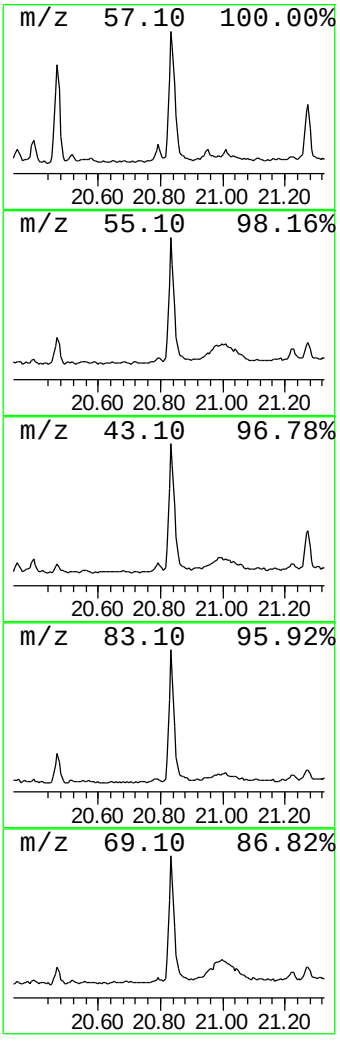
**********

Peak Number 4 1-Heneicosanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.83 | 10.35 ng | 946646 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

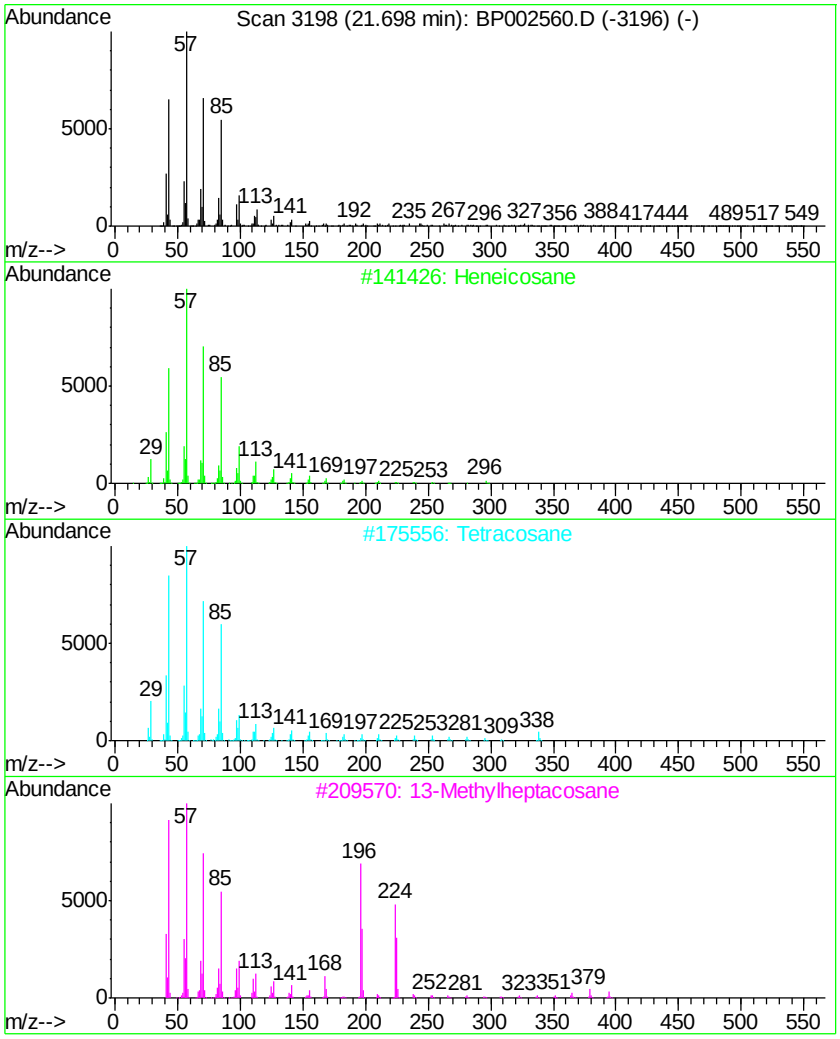
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

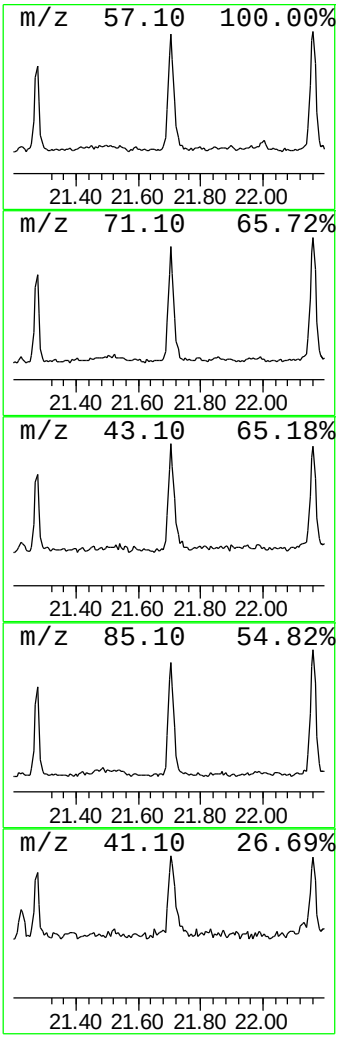
**********

Peak Number 5 Heneicosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.70 | 3.48 ng | 317740 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 95 |
| 3 | 13-Methylheptacosane | 394 | C28H58 | 015689-72-2 | 93 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

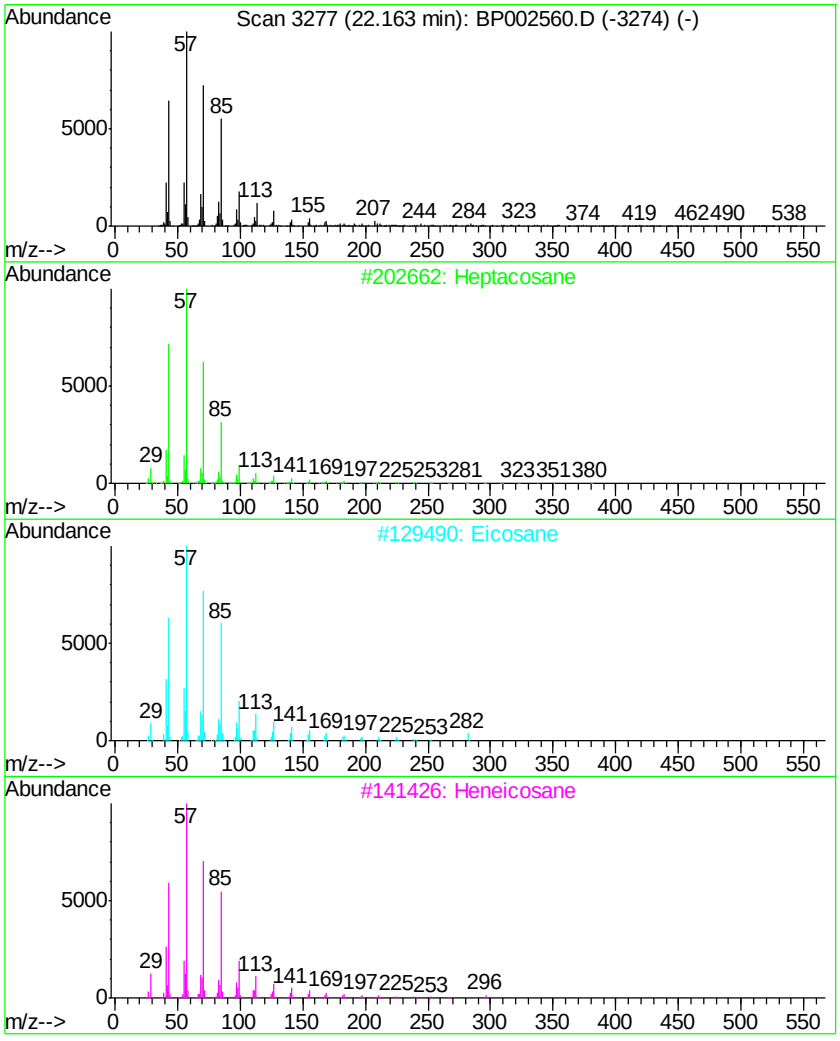
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

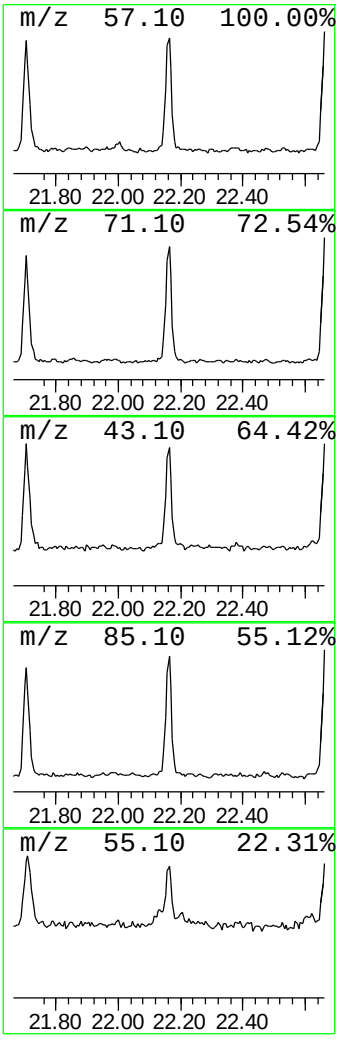
**********

Peak Number 6 Heptacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.16 | 2.57 ng | 234715 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 93 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 90 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 76 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

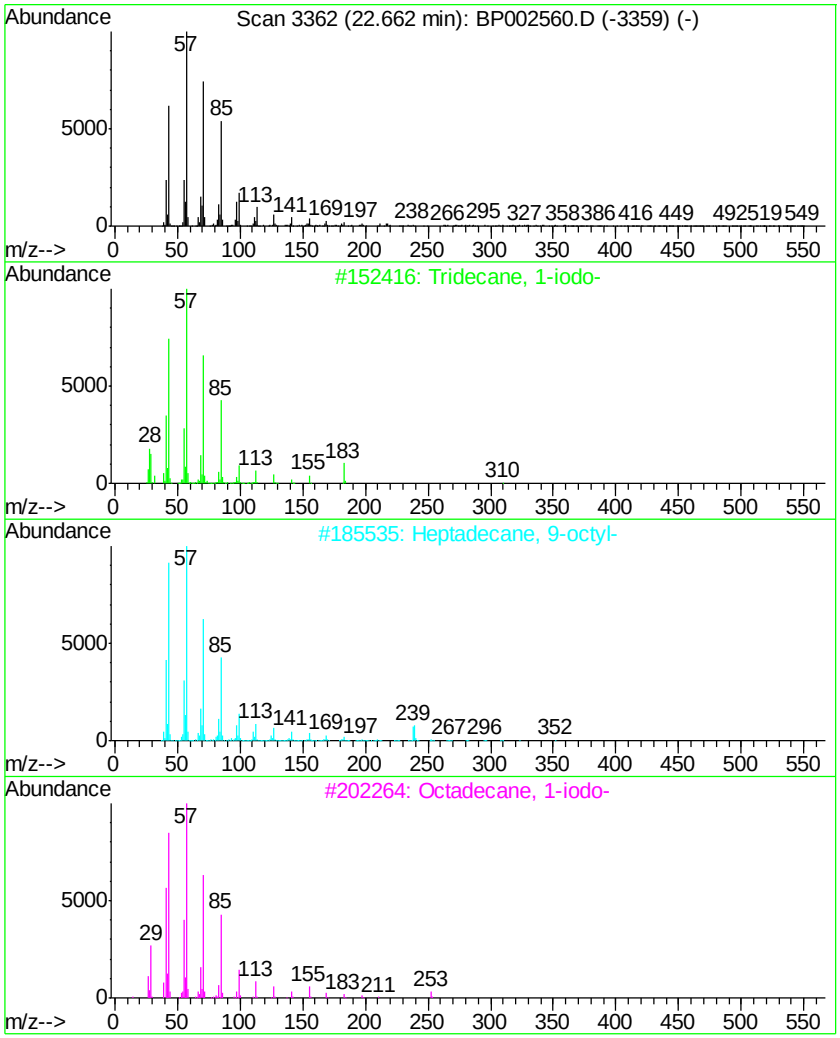
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

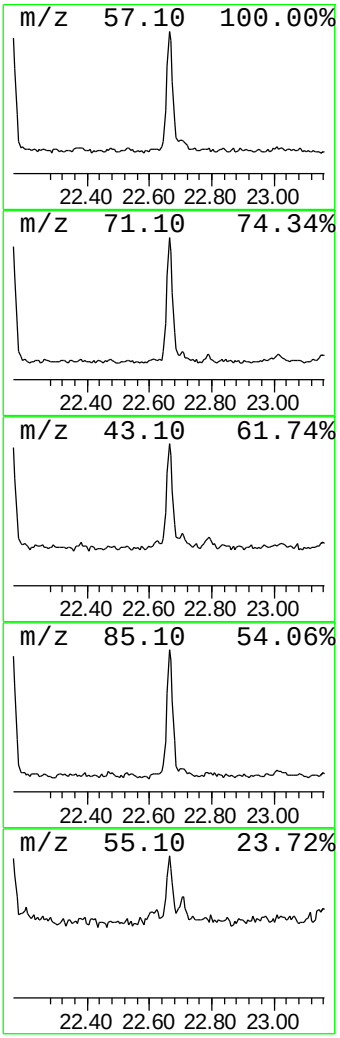
**********

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.66 | 3.15 ng | 253840 | Perylene-d12 | 23.30 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 93 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 86 |
| 5 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP062620\
Data File : BP002560.D
Acq On : 26 Jun 2020 20:11
Operator : CG/JU
Sample : L3126-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-8-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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 |
| unknown18.66 | 18.66 | 2.0 | ng | 214938 | 4 | 16.99 | 2121010 | 20.0 |
| 2,4,4,6,6,8,8-Hep... | 20.47 | 2.2 | ng | 201296 | 5 | 21.10 | 1828630 | 20.0 |
| 1-Heneicosanol | 20.83 | 10.4 | ng | 946646 | 5 | 21.10 | 1828630 | 20.0 |
| Heneicosane | 21.70 | 3.5 | ng | 317740 | 5 | 21.10 | 1828630 | 20.0 |
| Heptacosane | 22.16 | 2.6 | ng | 234715 | 5 | 21.10 | 1828630 | 20.0 |
| Tridecane, 1-iodo- | 22.66 | 3.1 | ng | 253840 | 6 | 23.30 | 1612970 | 20.0 |