LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122007.D
Acq On : 16 Oct 2020 12:26
Operator : JU/CG
Sample : PB132380BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB132380BL

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122007.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.975 | 487 | 491 | 507 | rBV | 32658 | 52522 | 1.15% | 0.190% |
| 2 | 5.375 | 555 | 559 | 577 | rBV | 2143932 | 2409735 | 52.63% | 8.706% |
| 3 | 6.387 | 727 | 731 | 749 | rBV | 2135543 | 2415403 | 52.75% | 8.726% |
| 4 | 6.739 | 788 | 791 | 802 | rVB | 876238 | 770844 | 16.84% | 2.785% |
| 5 | 6.898 | 813 | 818 | 821 | rBV | 2959722 | 2764877 | 60.39% | 9.989% |
| 6 | 7.310 | 883 | 888 | 904 | rBV | 2001339 | 2424202 | 52.95% | 8.758% |
| 7 | 8.028 | 1005 | 1010 | 1023 | rBV | 948915 | 998526 | 21.81% | 3.607% |
| 8 | 9.104 | 1186 | 1193 | 1196 | rBV | 3914158 | 4082384 | 89.16% | 14.749% |
| 9 | 9.775 | 1302 | 1307 | 1319 | rBV | 1153933 | 1154579 | 25.22% | 4.171% |
| 10 | 10.569 | 1437 | 1442 | 1456 | rBV | 1881226 | 1925132 | 42.05% | 6.955% |
| 11 | 10.922 | 1498 | 1502 | 1511 | rBV5 | 22772 | 55644 | 1.22% | 0.201% |
| 12 | 11.263 | 1555 | 1560 | 1568 | rBV | 1306117 | 1217804 | 26.60% | 4.400% |
| 13 | 11.939 | 1666 | 1675 | 1677 | rBV | 96710 | 136677 | 2.99% | 0.494% |
| 14 | 11.957 | 1677 | 1678 | 1700 | rVB7 | 70015 | 228340 | 4.99% | 0.825% |
| 15 | 12.851 | 1825 | 1830 | 1833 | rBV | 4493887 | 4578637 | 100.00% | 16.542% |
| 16 | 13.292 | 1897 | 1905 | 1915 | rBV3 | 32362 | 89739 | 1.96% | 0.324% |
| 17 | 13.904 | 2005 | 2009 | 2020 | rVB | 1122829 | 1087869 | 23.76% | 3.930% |
| 18 | 14.074 | 2031 | 2038 | 2048 | rBV2 | 41823 | 101617 | 2.22% | 0.367% |
| 19 | 14.657 | 2133 | 2137 | 2147 | rBV | 53446 | 99382 | 2.17% | 0.359% |
| 20 | 14.980 | 2188 | 2192 | 2197 | rVB | 54572 | 62436 | 1.36% | 0.226% |
| 21 | 15.339 | 2248 | 2253 | 2265 | rBV | 624918 | 969152 | 21.17% | 3.501% |
| 22 | 15.751 | 2318 | 2323 | 2328 | rVB | 37160 | 54127 | 1.18% | 0.196% |

Sum of corrected areas: 27679628

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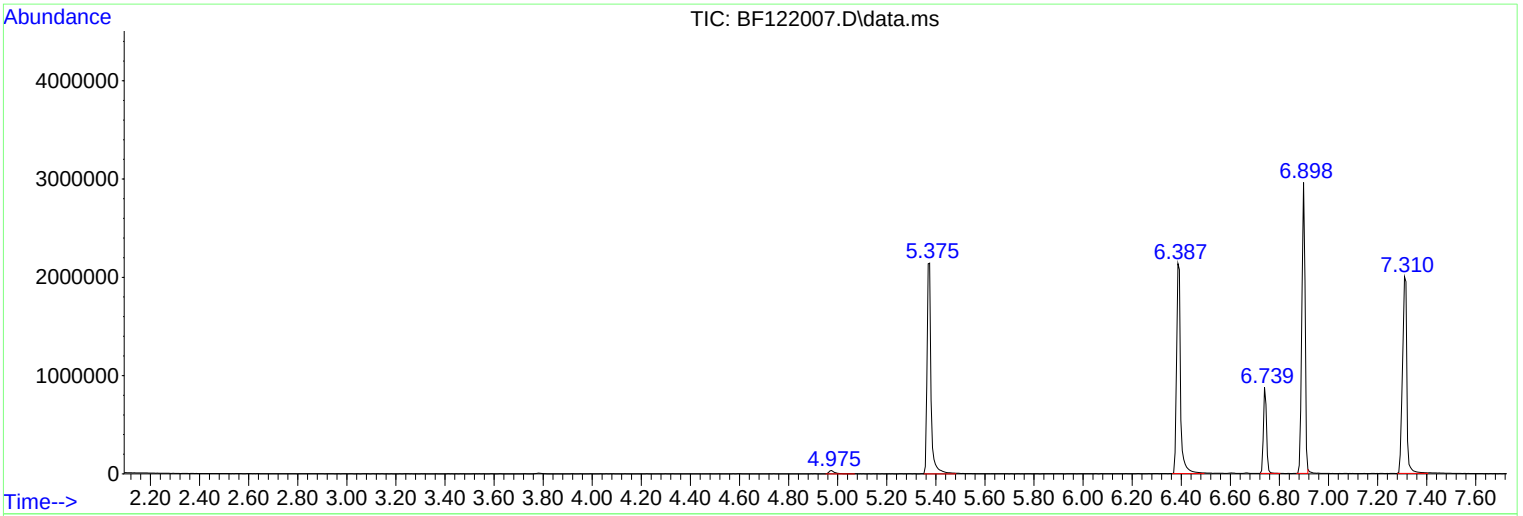
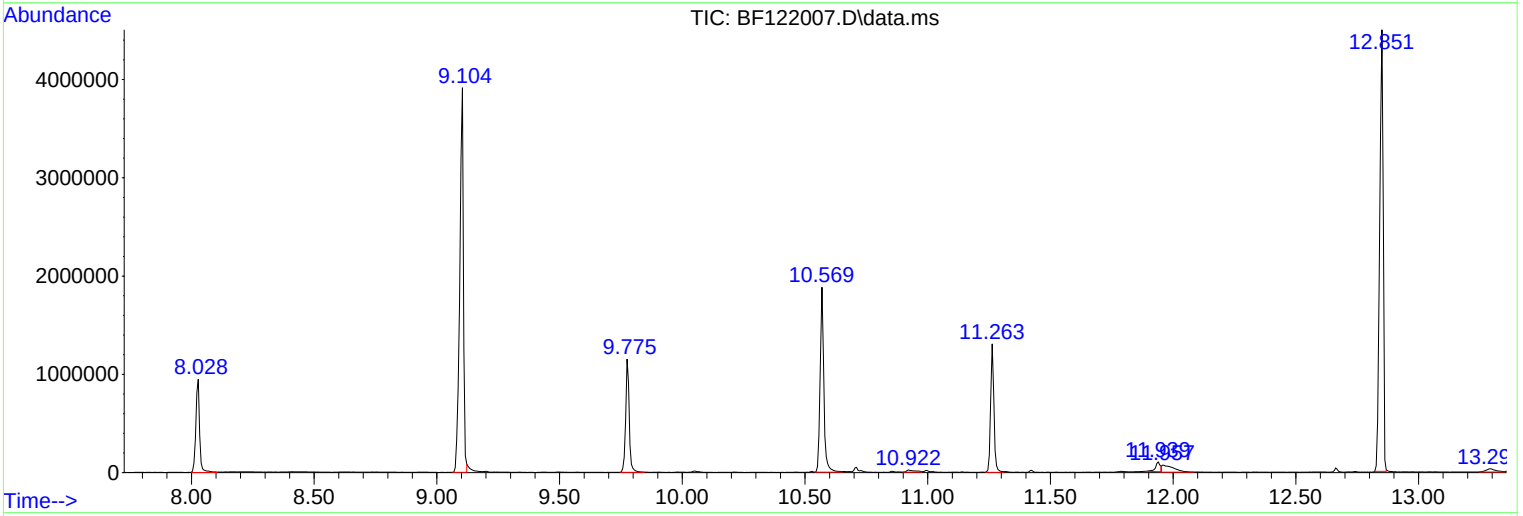
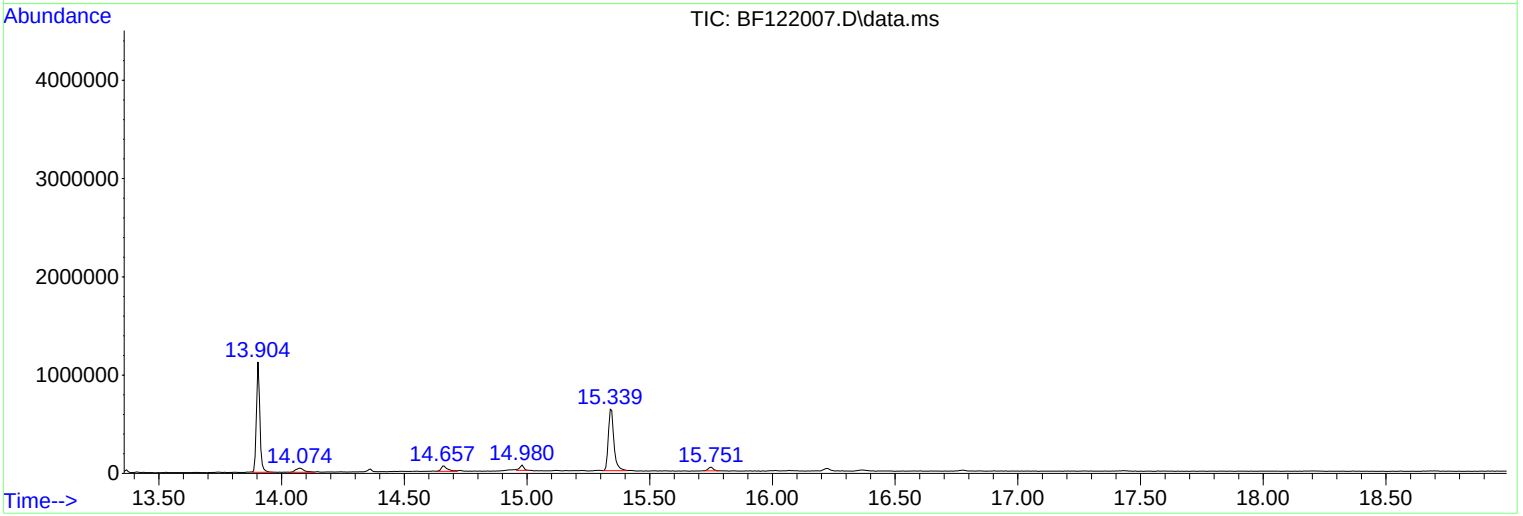
**ClientSampleId :**
PB132380BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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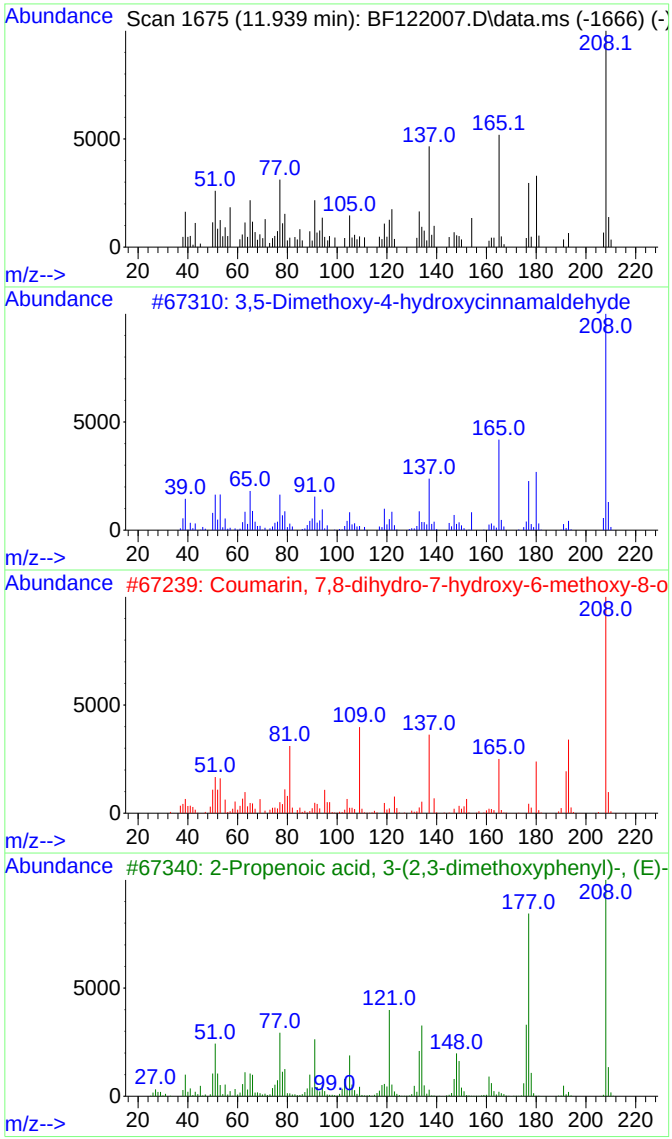
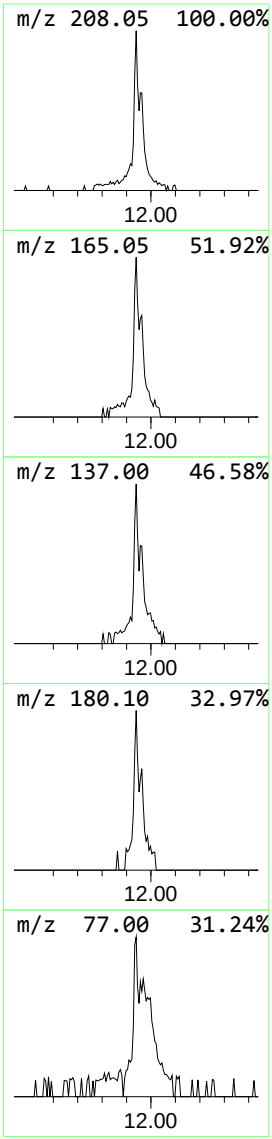
**********
Peak Number 2 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.939 | 2.24 ng | 136677 | Phenanthrene-d10 | 11.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-Dimethoxy-4-hydroxycinnamald... | 208 | C11H12O4 | 087345-53-7 | 98 |
| 2 | Coumarin, 7,8-dihydro-7-hydroxy-... | 208 | C10H8O5 | 1000263-13-6 | 72 |
| 3 | 2-Propenoic acid, 3-(2,3-dimetho... | 208 | C11H12O4 | 007345-82-6 | 64 |
| 4 | Butan-1-one, 1-(3,4-dimethoxyphe... | 208 | C12H16O3 | 054419-21-5 | 49 |
| 5 | .beta.-Asarone | 208 | C12H16O3 | 005273-86-9 | 49 |



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Operator : JU/CG
Sample : PB132380BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB132380BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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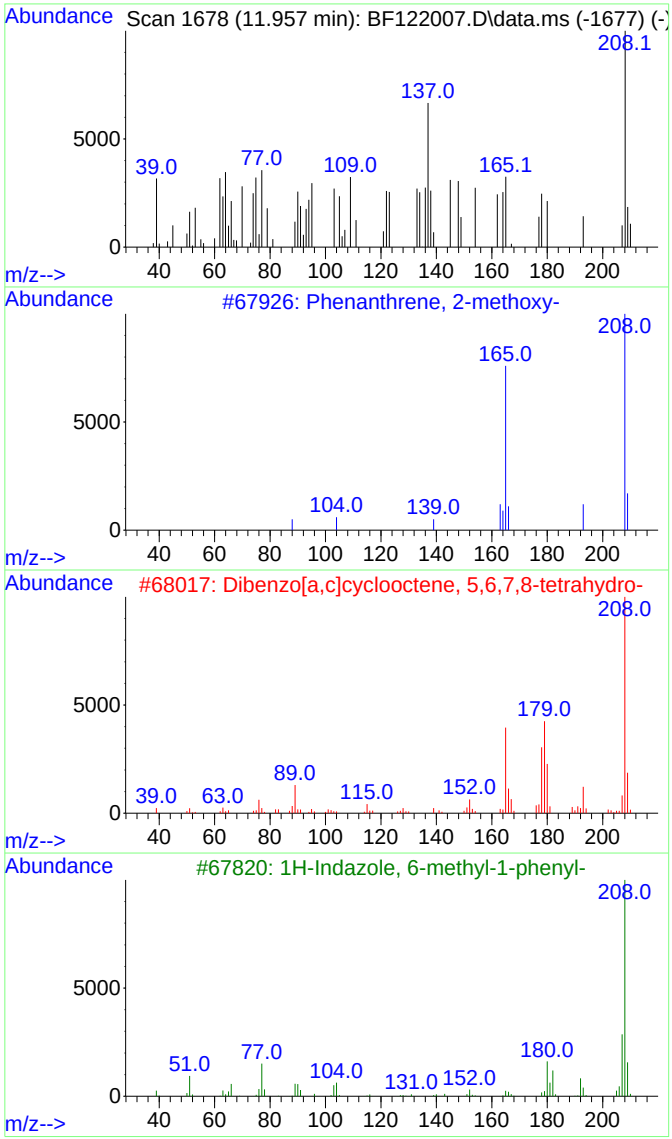
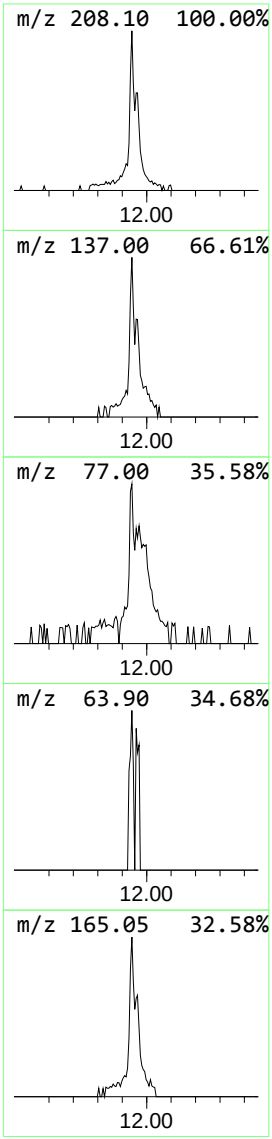
Peak Number 3 unknown11.95 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.957 | 3.75 ng | 228340 | Phenanthrene-d10 | 11.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methoxy- | 208 | C15H12O | 013837-48-4 | 38 |
| 2 | Dibenzo[a,c]cyclooctene, 5,6,7,8... | 208 | C16H16 | 001082-12-8 | 38 |
| 3 | 1H-Indazole, 6-methyl-1-phenyl- | 208 | C14H12N2 | 1000305-65-6 | 35 |
| 4 | Pyrene, 1,2,3,6,7,8-hexahydro- | 208 | C16H16 | 001732-13-4 | 27 |
| 5 | Benzo[c]cinnoline, 4,7-dimethyl- | 208 | C14H12N2 | 020684-54-2 | 22 |



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Sample : PB132380BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB132380BL

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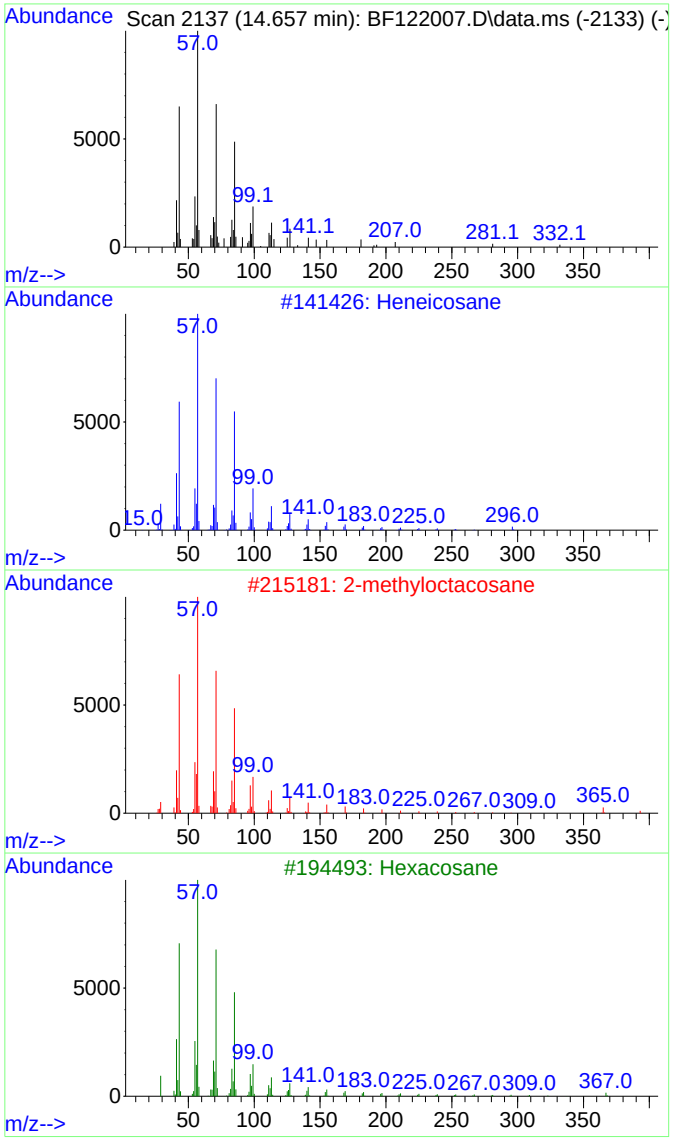
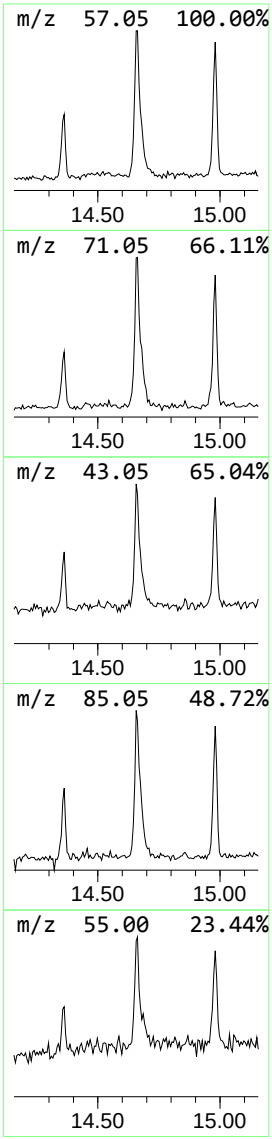
Peak Number 4 Heneicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.657 | 2.05 ng | 99382 | Perylene-d12 | 15.345 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 2 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |



Tentatively Identified Compound (LSC) summary

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Operator : JU/CG
Sample : PB132380BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 3,5-Dimethoxy-4... | 11.939 | 2.2 | ng | 136677 | 4 | 11.263 | 1217800 | 20.0 |
| unknown11.95 | 11.957 | 3.8 | ng | 228340 | 4 | 11.263 | 1217800 | 20.0 |
| Heneicosane | 14.657 | 2.0 | ng | 99382 | 6 | 15.345 | 969152 | 20.0 |