LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
Data File : BP000550.D
Acq On : 07 Oct 2019 18:07
Operator : JU
Sample : K5213-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** S-2(5-10)

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-BP100119.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 | 5.387 | 556 | 561 | 564 | rBV | 4956155 | 4566146 | 67.68% | 8.315% |
| 2 | 6.405 | 729 | 734 | 752 | rBV | 5043760 | 5191483 | 76.94% | 9.454% |
| 3 | 6.534 | 752 | 756 | 759 | rBV | 6093133 | 5176129 | 76.72% | 9.426% |
| 4 | 6.764 | 791 | 795 | 798 | rBV | 1687093 | 1464746 | 21.71% | 2.667% |
| 5 | 6.916 | 817 | 821 | 825 | rBV | 5054952 | 4186159 | 62.04% | 7.623% |
| 6 | 7.322 | 885 | 890 | 893 | rBV | 3589036 | 3088158 | 45.77% | 5.623% |
| 7 | 8.046 | 1009 | 1013 | 1016 | rBV | 2205619 | 1831876 | 27.15% | 3.336% |
| 8 | 9.128 | 1193 | 1197 | 1200 | rBV | 6807487 | 6023388 | 89.27% | 10.968% |
| 9 | 9.522 | 1260 | 1264 | 1267 | rBV | 978110 | 796705 | 11.81% | 1.451% |
| 10 | 9.805 | 1309 | 1312 | 1316 | rVB | 2722350 | 2245134 | 33.28% | 4.088% |
| 11 | 10.599 | 1443 | 1447 | 1454 | rBV | 4169012 | 3835729 | 56.85% | 6.985% |
| 12 | 11.304 | 1563 | 1567 | 1570 | rBV | 2863015 | 2409679 | 35.71% | 4.388% |
| 13 | 11.375 | 1576 | 1579 | 1582 | rVB2 | 377506 | 301500 | 4.47% | 0.549% |
| 14 | 11.846 | 1656 | 1659 | 1665 | rBV4 | 90457 | 101704 | 1.51% | 0.185% |
| 15 | 11.922 | 1669 | 1672 | 1682 | rVB | 168658 | 184433 | 2.73% | 0.336% |
| 16 | 12.528 | 1772 | 1775 | 1778 | rBV | 510353 | 419025 | 6.21% | 0.763% |
| 17 | 12.757 | 1810 | 1814 | 1818 | rVB | 301731 | 292049 | 4.33% | 0.532% |
| 18 | 12.910 | 1836 | 1840 | 1843 | rBV | 7860096 | 6747110 | 100.00% | 12.286% |
| 19 | 13.828 | 1993 | 1996 | 2016 | rBV | 496174 | 891089 | 13.21% | 1.623% |
| 20 | 13.975 | 2017 | 2021 | 2025 | rBV | 2825779 | 2496387 | 37.00% | 4.546% |
| 21 | 14.851 | 2167 | 2170 | 2175 | rVB | 151083 | 150924 | 2.24% | 0.275% |
| 22 | 15.451 | 2267 | 2272 | 2278 | rBV | 2148066 | 2515902 | 37.29% | 4.581% |

Sum of corrected areas: 54915455

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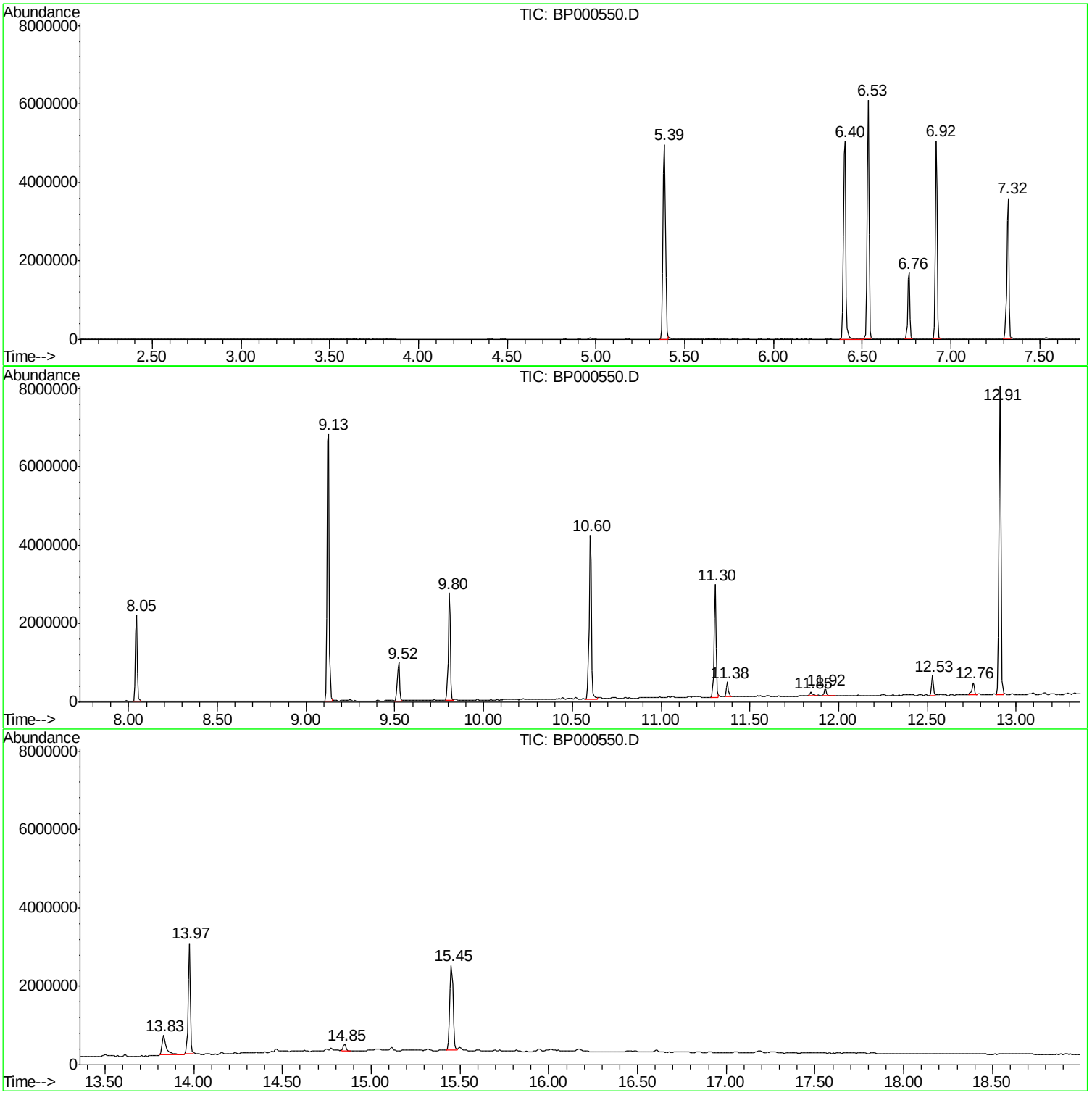
**Instrument :**
BNA_P
**ClientSampleId :**
S-2(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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\BP100719\
Data File : BP000550.D
Acq On : 07 Oct 2019 18:07
Operator : JU
Sample : K5213-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** S-2(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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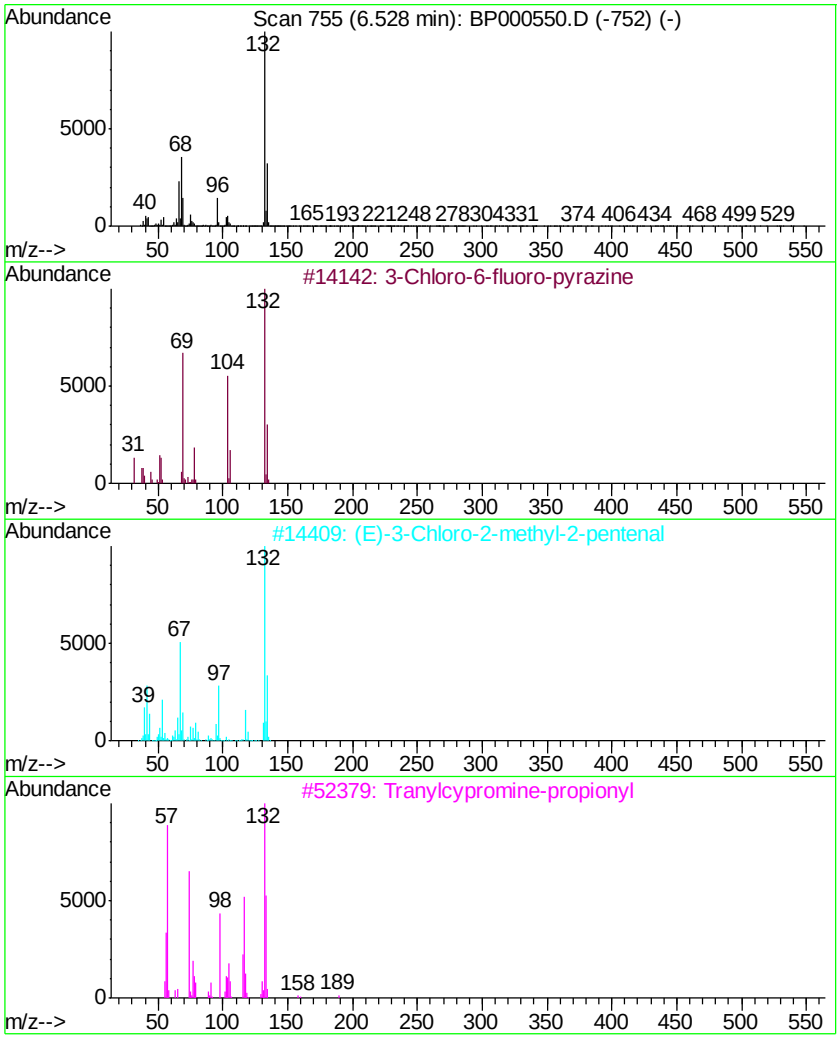
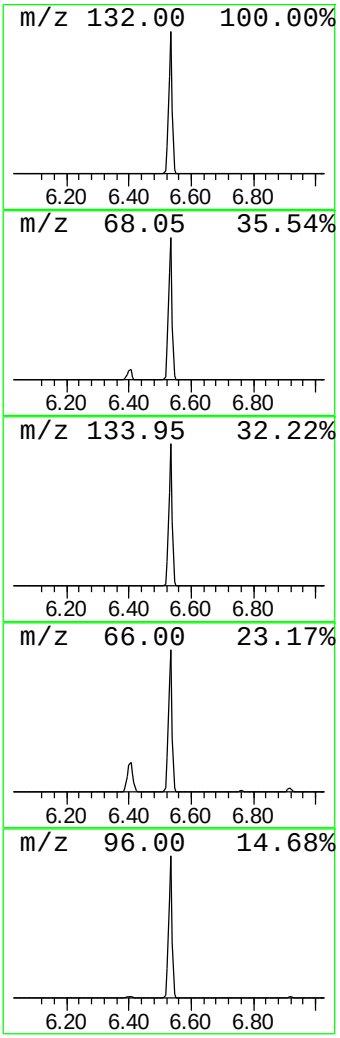
Peak Number 1 unknown6.53 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.53 | 70.68 ng | 5176130 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 38 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 25 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 16 |
| 4 | 1H-Indazole, 7-methyl- | 132 | C8H8N2 | 1000316-00-7 | 12 |
| 5 | 4-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-60-2 | 9 |



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Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** S-2(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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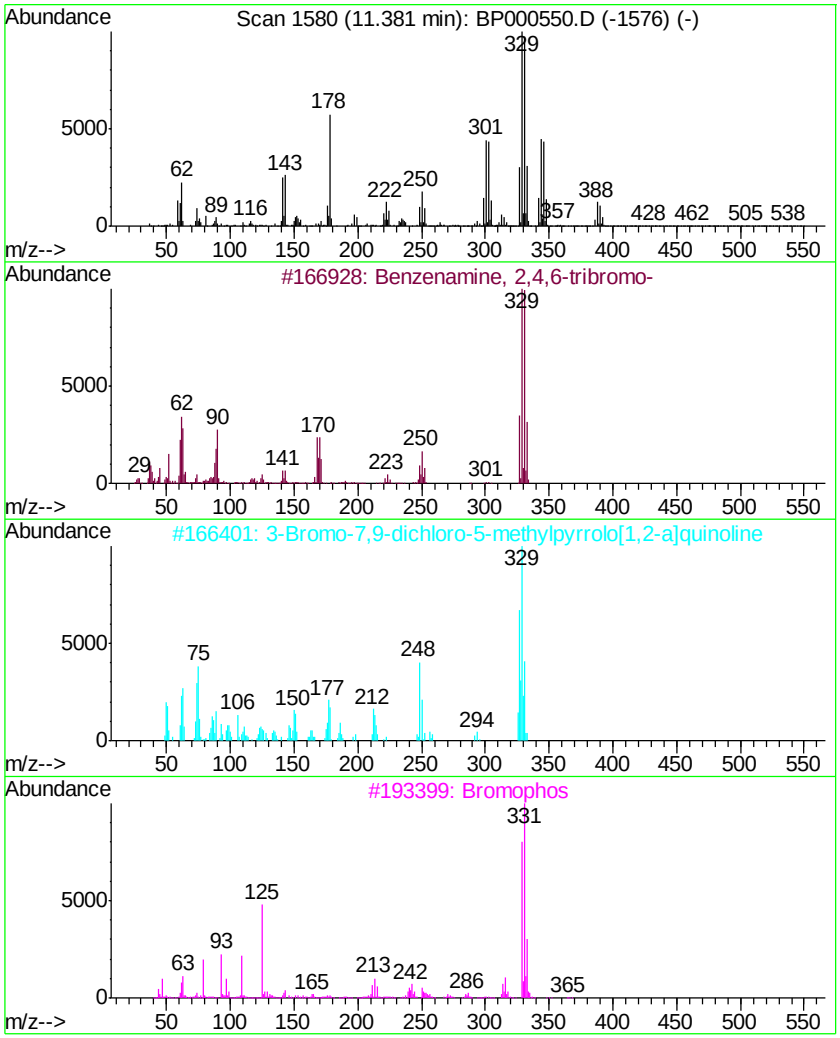
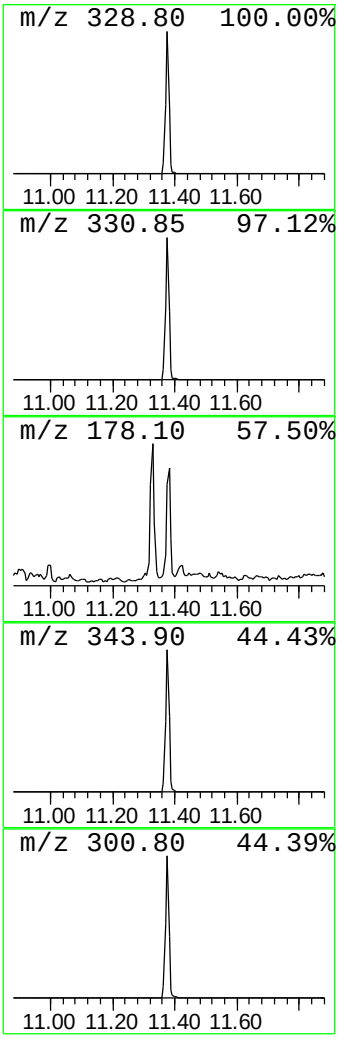
Peak Number 3 Benzenamine, 2,4,6-tribromo- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.38 | 2.50 ng | 301500 | Phenanthrene-d10 | 11.30 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 2,4,6-tribromo- | 327 | C6H4Br3N | 000147-82-0 | 93 |
| 2 | 3-Bromo-7,9-dichloro-5-methylpyr... | 327 | C13H8BrCl2N | 1000251-40-3 | 16 |
| 3 | Bromophos | 364 | C8H8BrCl2O3PS | 002104-96-3 | 12 |
| 4 | 1,2,4-1H-Triazole, 1-(3,5-dichlo... | 329 | C12H13Cl2N5S | 1000266-38-9 | 11 |
| 5 | 1-[4-Chloro-6-methyl-2-pyrimidyl... | 329 | C12H10Cl3N5 | 051387-79-2 | 10 |



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Data File : BP000550.D
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Operator : JU
Sample : K5213-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** S-2(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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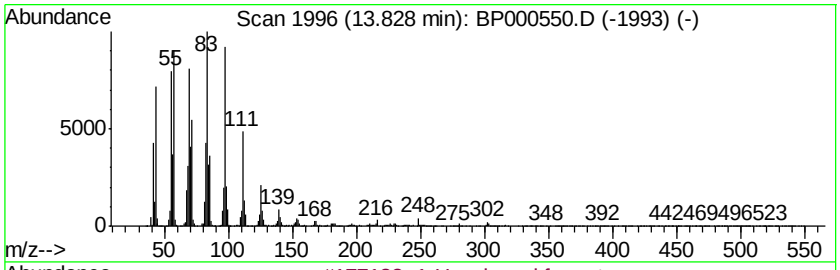
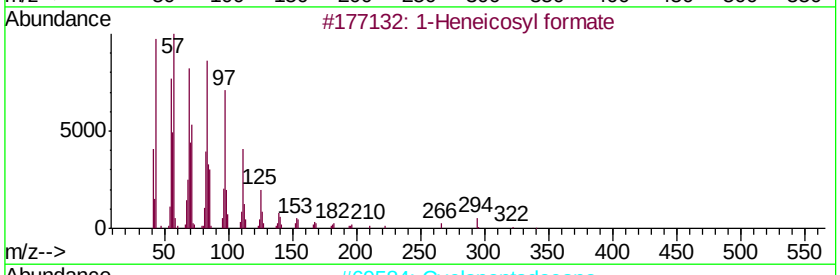
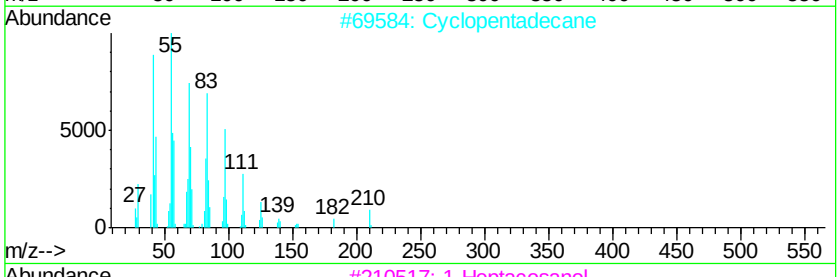
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

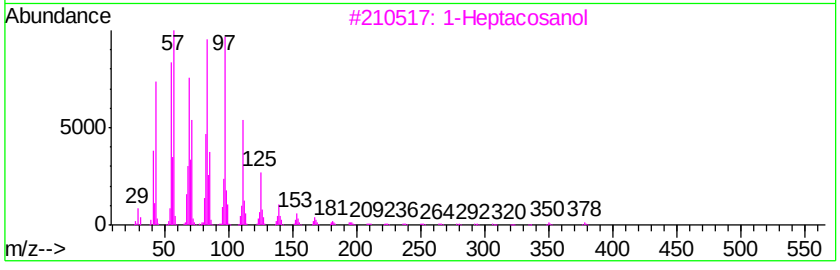
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.83 | 7.14 ng | 891089 | Chrysene-d12 | 13.97 |

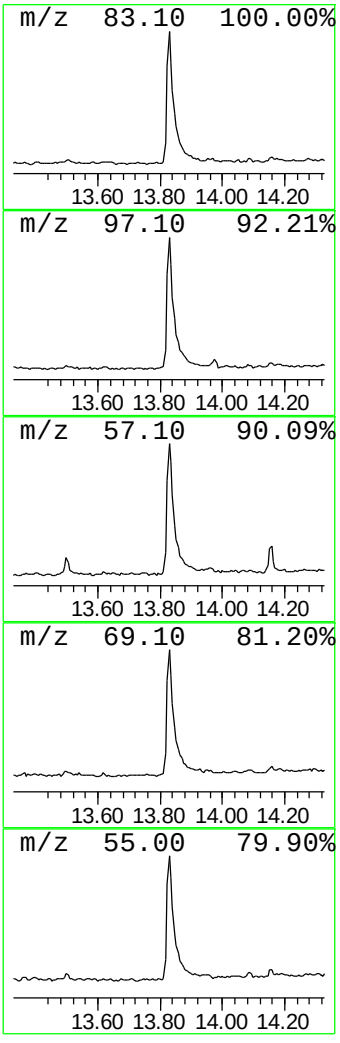
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 97 |
| 2 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 95 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
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Operator : JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** S-2(5-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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 |
| unknown6.53 | 6.53 | 70.7 | ng | 5176130 | 1 | 6.76 | 1464750 | 20.0 |
| Benzenamine, 2,4,... | 11.38 | 2.5 | ng | 301500 | 4 | 11.30 | 2409680 | 20.0 |
| 1-Heneicosyl formate | 13.83 | 7.1 | ng | 891089 | 5 | 13.97 | 2496390 | 20.0 |