LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128377.D
Acq On : 20 May 2022 21:37
Operator : CG\JU
Sample : N2943-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-36

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-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128377.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.481 | 540 | 543 | 553 | rBV | 1852693 | 1915541 | 47.06% | 9.136% |
| 2 | 6.487 | 711 | 714 | 732 | rBV | 1462897 | 1407191 | 34.57% | 6.711% |
| 3 | 6.857 | 773 | 777 | 785 | rBV | 723994 | 638293 | 15.68% | 3.044% |
| 4 | 7.428 | 869 | 874 | 877 | rBV | 2394800 | 2436309 | 59.85% | 11.619% |
| 5 | 7.534 | 886 | 892 | 899 | rBV | 135609 | 196203 | 4.82% | 0.936% |
| 6 | 8.140 | 991 | 995 | 1004 | rVB | 964344 | 840631 | 20.65% | 4.009% |
| 7 | 9.216 | 1173 | 1178 | 1181 | rBV | 3906093 | 4070546 | 100.00% | 19.413% |
| 8 | 9.898 | 1290 | 1294 | 1297 | rBV | 1142172 | 941243 | 23.12% | 4.489% |
| 9 | 10.692 | 1424 | 1429 | 1433 | rBV | 2532326 | 2649496 | 65.09% | 12.636% |
| 10 | 11.392 | 1544 | 1548 | 1551 | rBV | 1100625 | 961543 | 23.62% | 4.586% |
| 11 | 11.769 | 1609 | 1612 | 1616 | rVB | 109753 | 85594 | 2.10% | 0.408% |
| 12 | 11.910 | 1633 | 1636 | 1640 | rBV | 52969 | 51519 | 1.27% | 0.246% |
| 13 | 12.475 | 1730 | 1732 | 1738 | rVB2 | 91452 | 79170 | 1.94% | 0.378% |
| 14 | 12.980 | 1813 | 1818 | 1821 | rBV | 3506974 | 3347062 | 82.23% | 15.963% |
| 15 | 13.892 | 1970 | 1973 | 1980 | rVB4 | 34787 | 53885 | 1.32% | 0.257% |
| 16 | 14.039 | 1994 | 1998 | 2009 | rBV | 703774 | 609524 | 14.97% | 2.907% |
| 17 | 14.133 | 2009 | 2014 | 2018 | rBV | 73516 | 84643 | 2.08% | 0.404% |
| 18 | 15.527 | 2246 | 2251 | 2258 | rVB2 | 432935 | 557898 | 13.71% | 2.661% |
| 19 | 15.957 | 2320 | 2324 | 2331 | rVB2 | 27596 | 41568 | 1.02% | 0.198% |

Sum of corrected areas: 20967859

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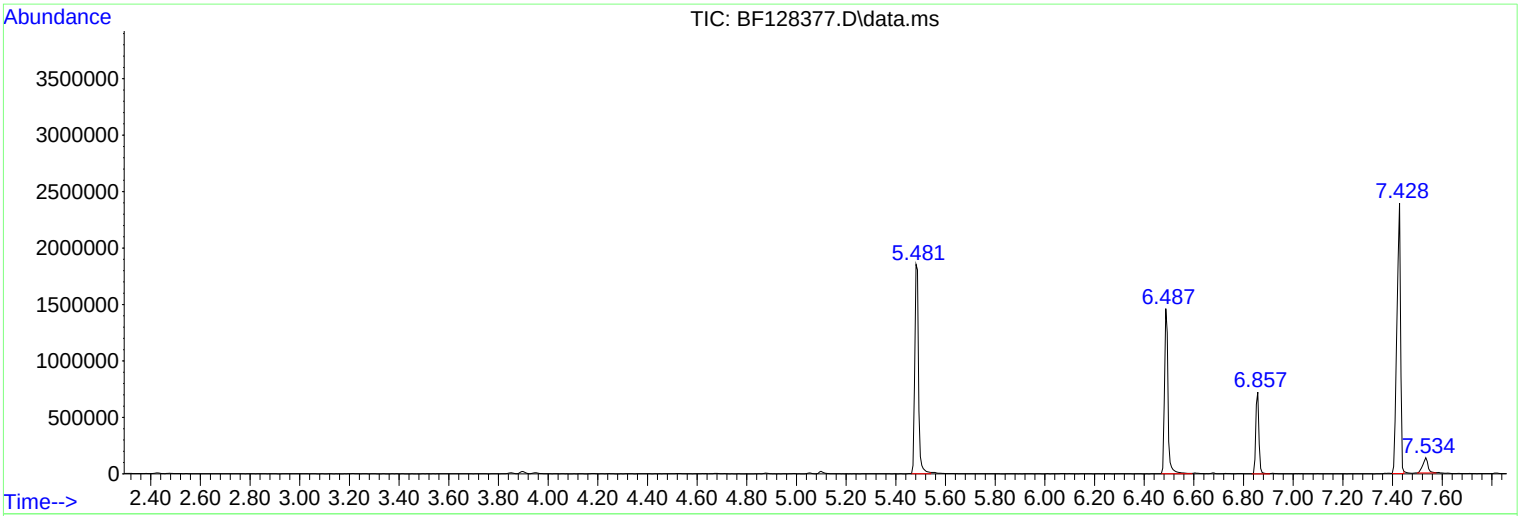
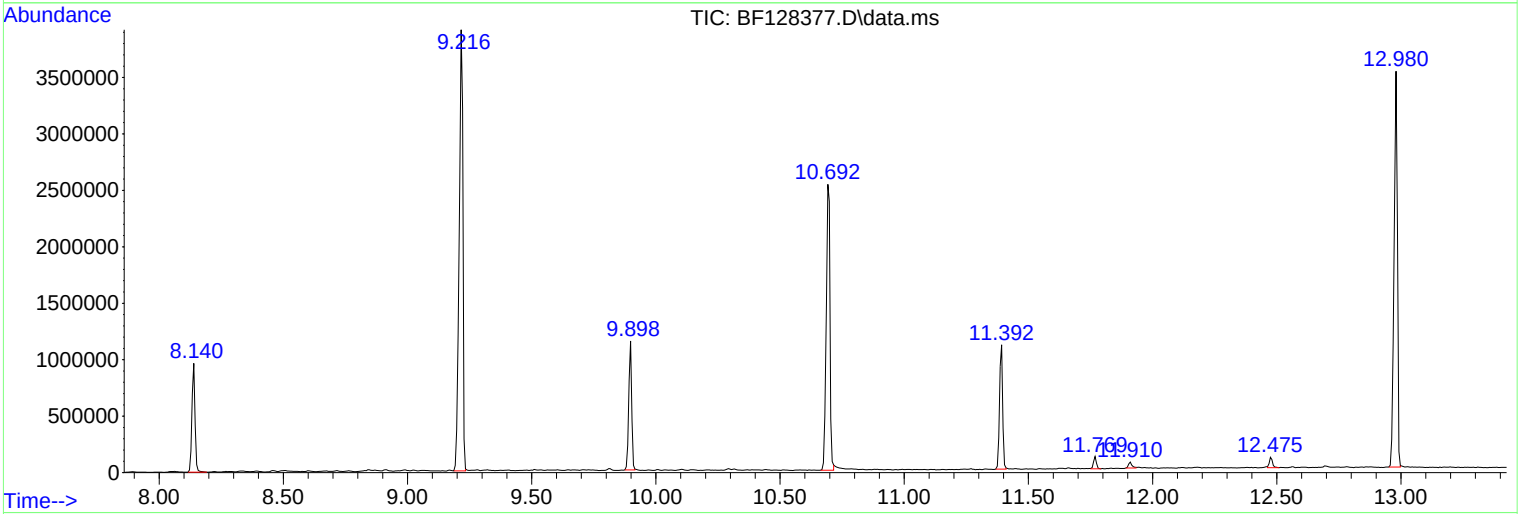
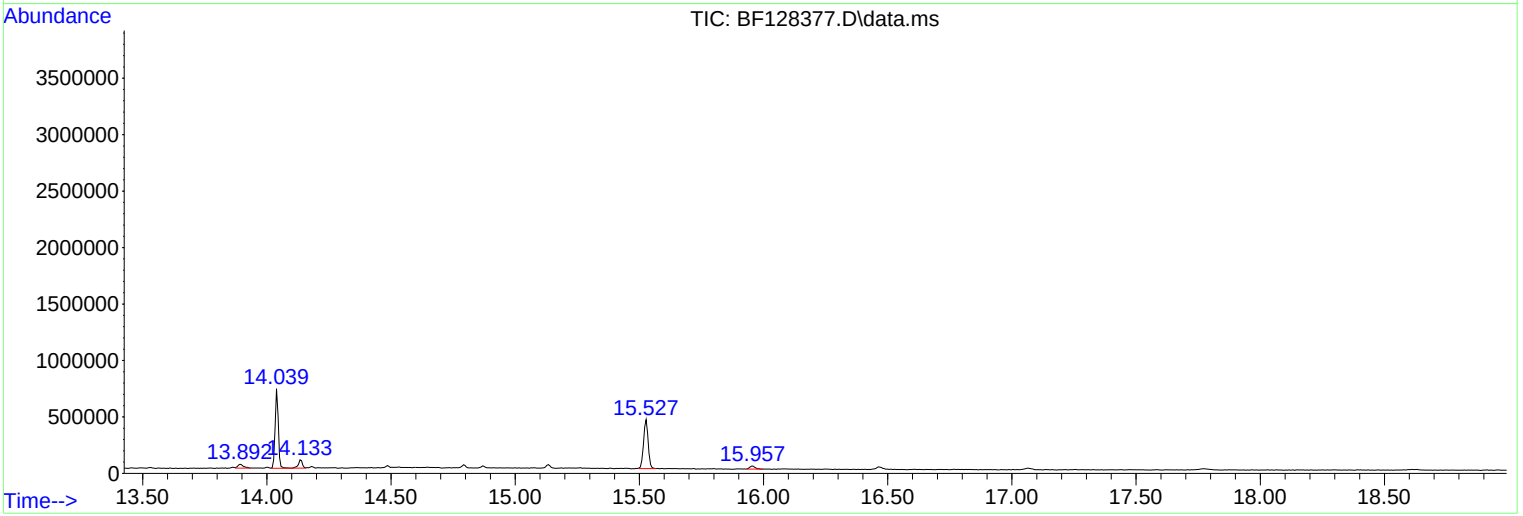
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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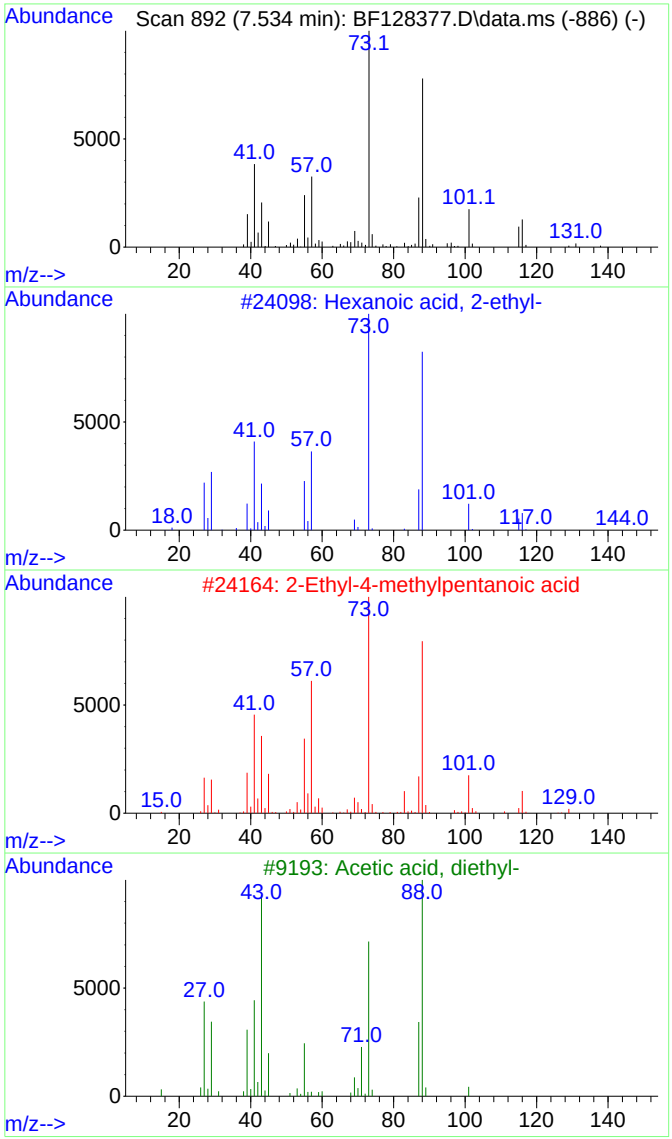
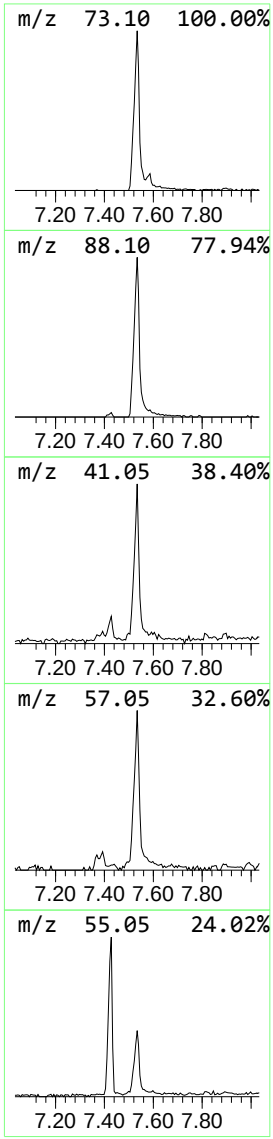
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.534 | 4.67 ng | 196203 | Naphthalene-d8 | 8.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 2 | 2-Ethyl-4-methylpentanoic acid | 144 | C8H16O2 | 000108-81-6 | 45 |
| 3 | Acetic acid, diethyl- | 116 | C6H12O2 | 000088-09-5 | 45 |
| 4 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 43 |
| 5 | Methyl 2,3,4-tri-O-methyl-6-deox... | 220 | C10H20O5 | 072983-16-5 | 40 |



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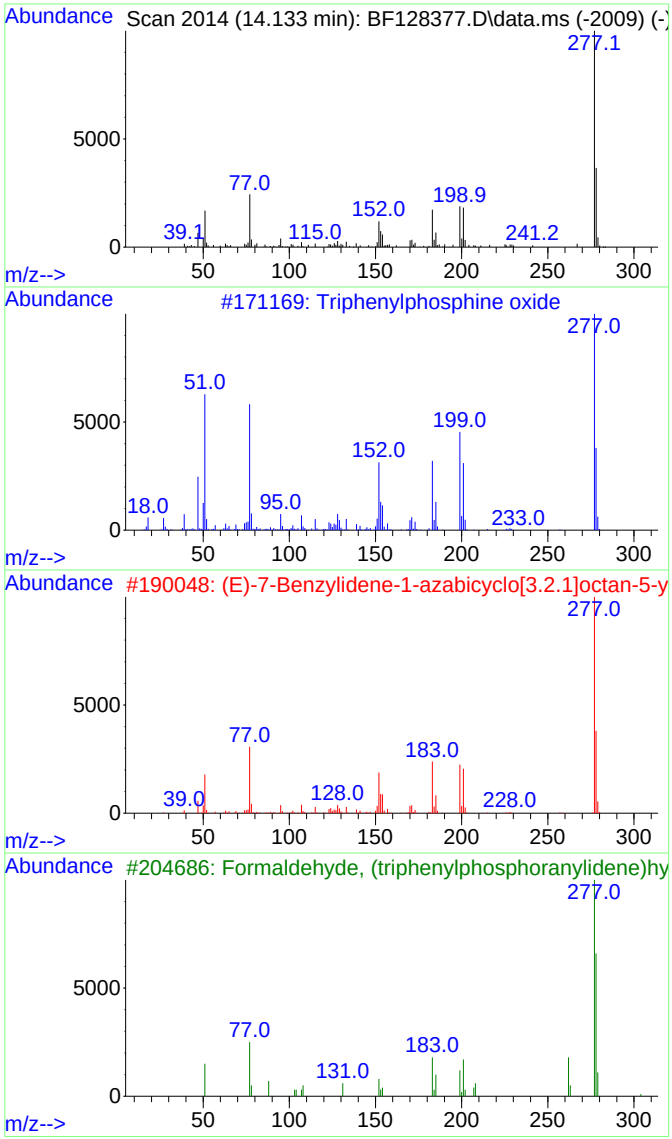
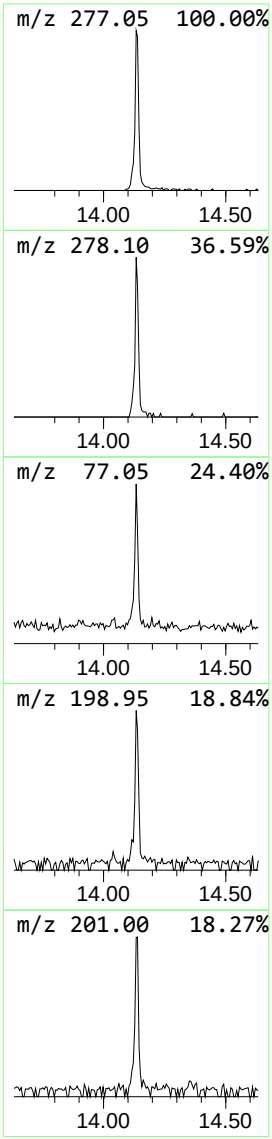
**********

Peak Number 2 Triphenylphosphine oxide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.133 | 2.78 ng | 84643 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 98 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 68 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 50 |
| 4 | Cobalt,(.eta.<5>-2,4-cyclopentad... | 277 | C16H15BCo | 036682-12-9 | 47 |
| 5 | 4-Cyano-8-trifluoromethylnaphtho... | 277 | C14H6F3NS | 037094-50-1 | 37 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Hexanoic acid, ... | 7.534 | 4.7 | ng | 196203 | 2 | 8.140 | 840631 | 20.0 |
| Triphenylphosph... | 14.133 | 2.8 | ng | 84643 | 5 | 14.039 | 609524 | 20.0 |