LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132419.D
Acq On : 13 Feb 2023 20:13
Operator : CG\JU
Sample : 01328-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-3-BORING-1-14-23

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-BF021323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132419.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.278 | 409 | 415 | 424 | rVB | 874074 | 1162880 | 30.59% | 4.074% |
| 2 | 5.660 | 475 | 480 | 483 | rBV | 2807010 | 2913845 | 76.65% | 10.208% |
| 3 | 6.654 | 643 | 649 | 652 | rBV | 2395808 | 2846387 | 74.87% | 9.971% |
| 4 | 7.031 | 709 | 713 | 716 | rBV | 1110898 | 876237 | 23.05% | 3.070% |
| 5 | 7.595 | 803 | 809 | 812 | rBV | 2088587 | 1925437 | 50.65% | 6.745% |
| 6 | 8.319 | 927 | 932 | 935 | rBV | 1444453 | 1194065 | 31.41% | 4.183% |
| 7 | 9.395 | 1109 | 1115 | 1118 | rBV | 4523533 | 3764650 | 99.03% | 13.188% |
| 8 | 10.083 | 1228 | 1232 | 1235 | rVB | 1555440 | 1397649 | 36.76% | 4.896% |
| 9 | 10.795 | 1349 | 1353 | 1356 | rBV | 230606 | 174723 | 4.60% | 0.612% |
| 10 | 10.872 | 1362 | 1366 | 1370 | rBV | 2879023 | 2843166 | 74.79% | 9.960% |
| 11 | 11.577 | 1482 | 1486 | 1489 | rBV | 1810393 | 1460395 | 38.41% | 5.116% |
| 12 | 12.089 | 1569 | 1573 | 1578 | rBV | 121246 | 143080 | 3.76% | 0.501% |
| 13 | 12.966 | 1719 | 1722 | 1726 | rVB | 52428 | 47501 | 1.25% | 0.166% |
| 14 | 13.171 | 1752 | 1757 | 1760 | rBV | 4350636 | 3801686 | 100.00% | 13.318% |
| 15 | 14.236 | 1934 | 1938 | 1942 | rBV | 1407821 | 1235775 | 32.51% | 4.329% |
| 16 | 14.324 | 1947 | 1953 | 1960 | rBV | 1033700 | 1087464 | 28.60% | 3.810% |
| 17 | 14.865 | 2041 | 2045 | 2049 | rBV | 426874 | 397903 | 10.47% | 1.394% |
| 18 | 15.018 | 2064 | 2071 | 2078 | rBV | 33725 | 47281 | 1.24% | 0.166% |
| 19 | 15.801 | 2198 | 2204 | 2217 | rVB2 | 951822 | 1225552 | 32.24% | 4.293% |

Sum of corrected areas: 28545676

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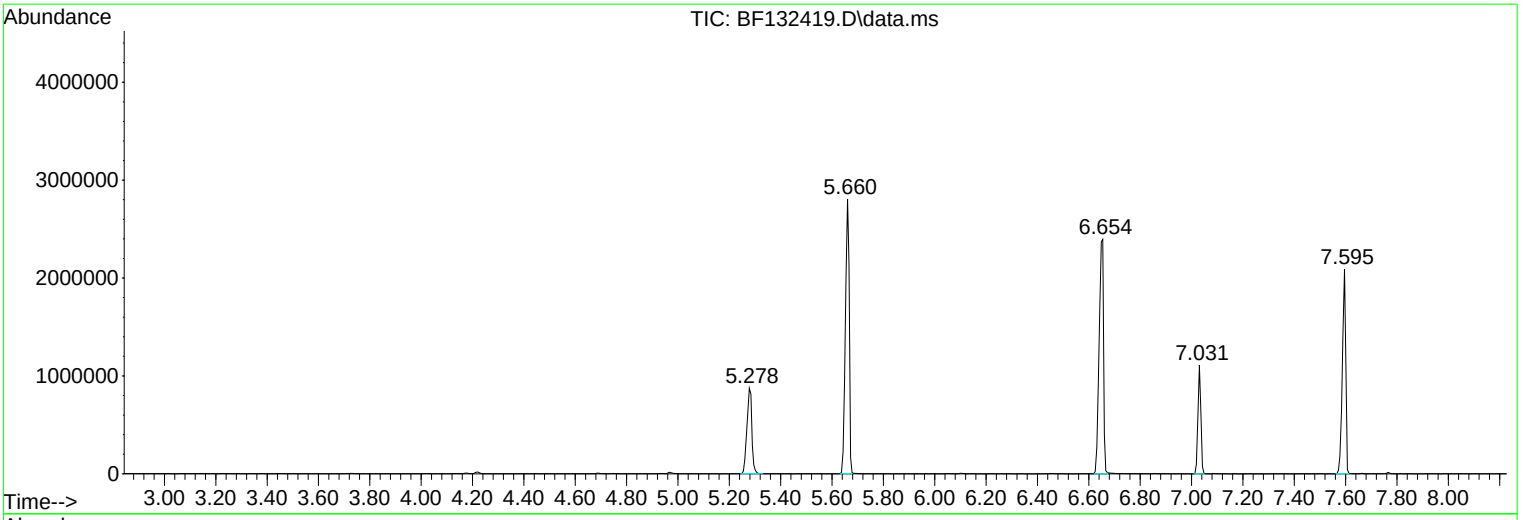
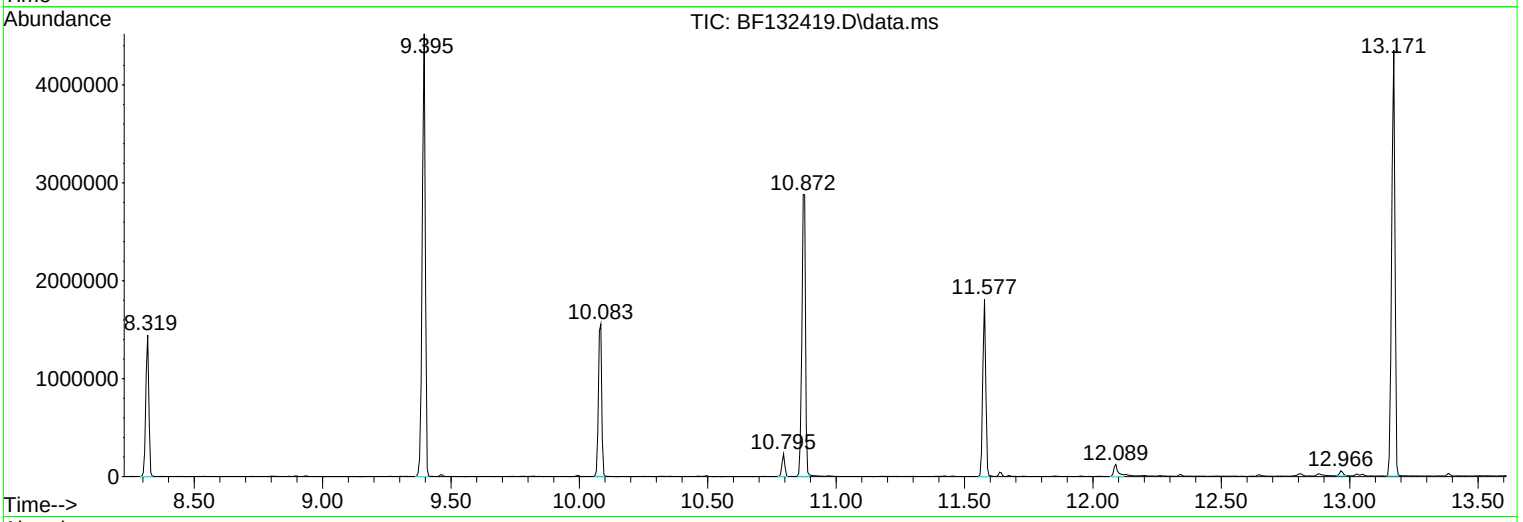
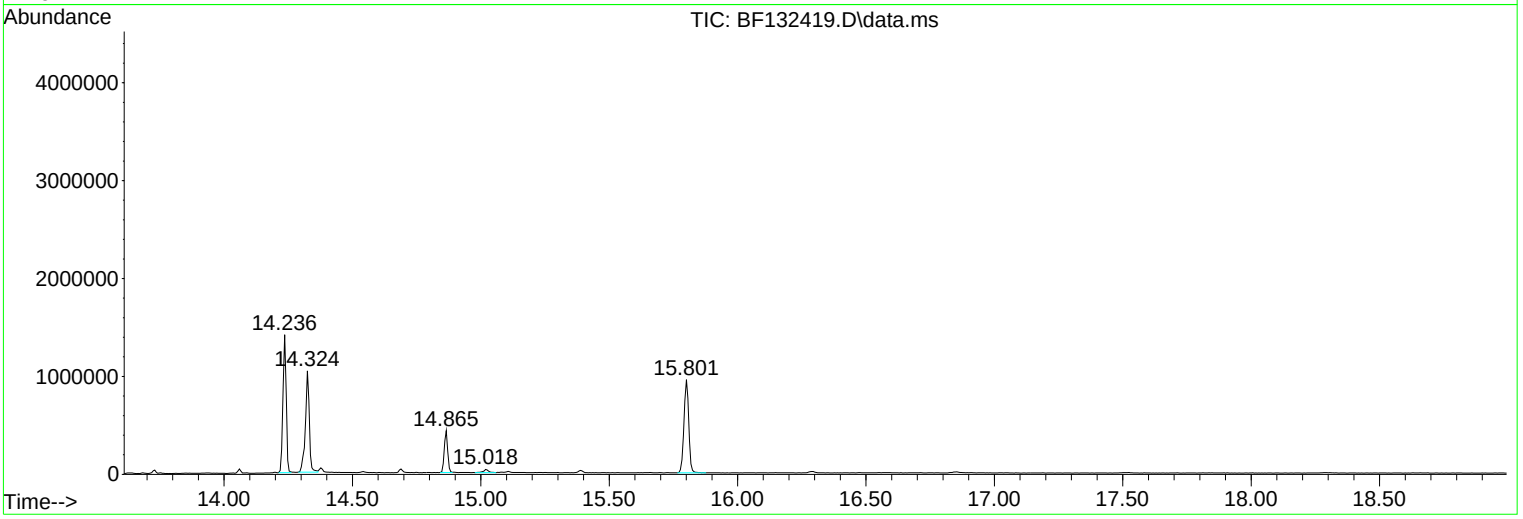
COMP-3-BORING-1-14-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.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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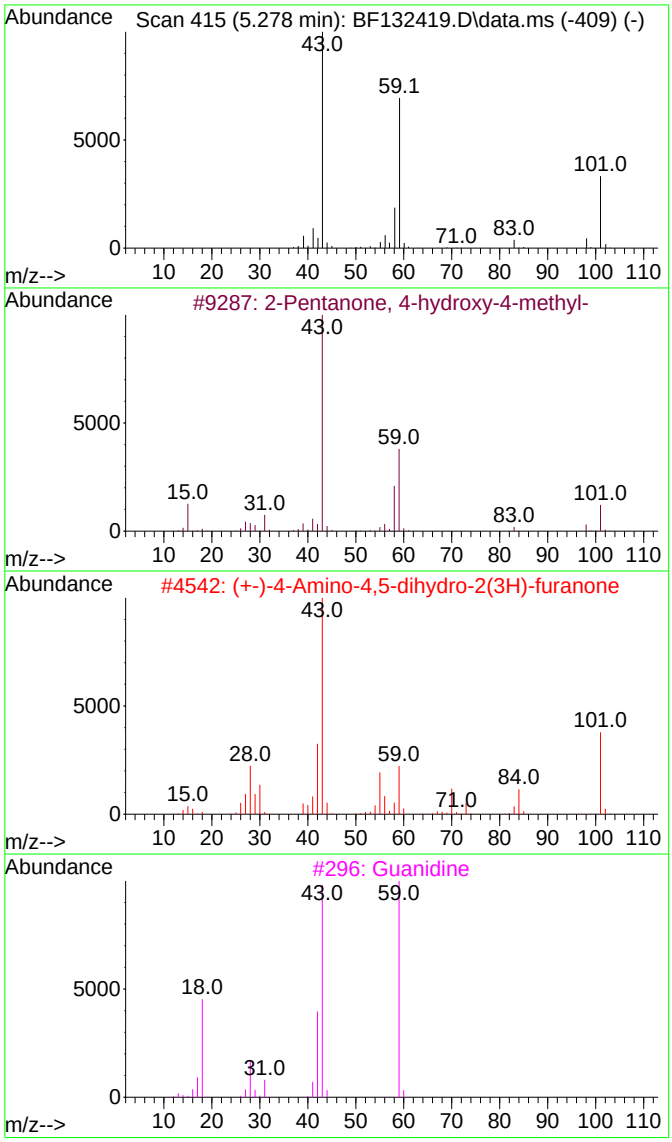
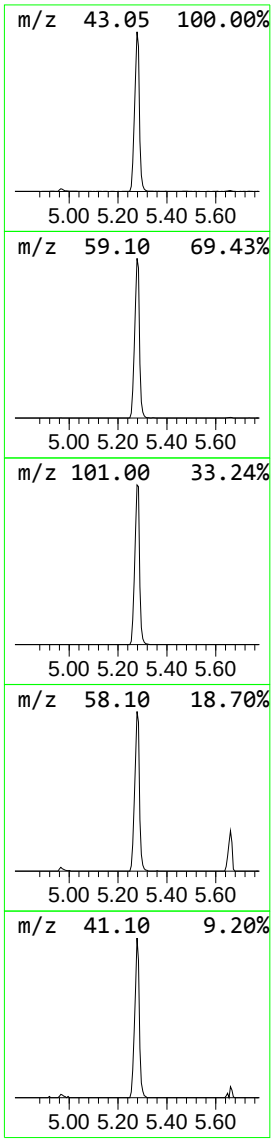
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.278 | 26.54 ng | 1162880 | 1,4-Dichlorobenzene-d4 | 7.031 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 47 |
| 3 | Guanidine | 59 | CH5N3 | 000113-00-8 | 43 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |



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BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

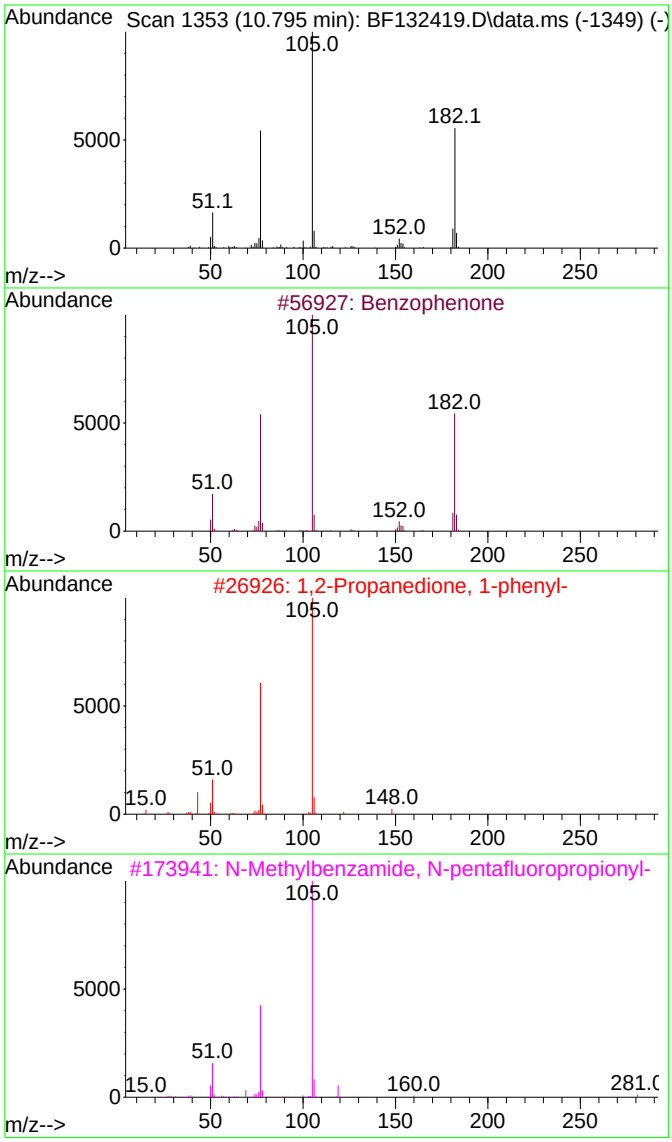
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

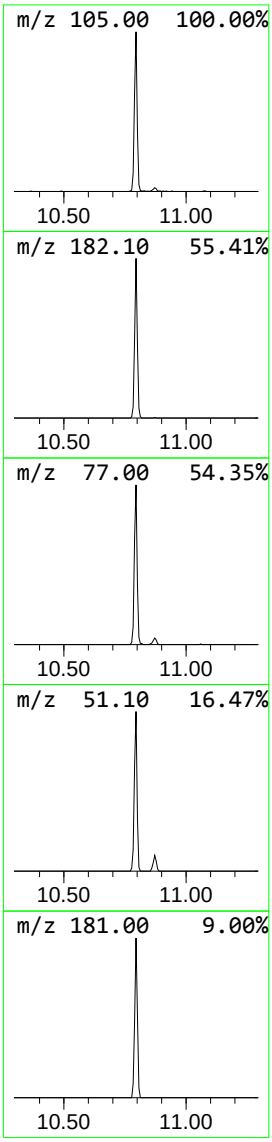
**********

Peak Number 2 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.795 | 2.50 ng | 174723 | Acenaphthene-d10 | 10.083 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 43 |
| 3 | N-Methylbenzamide, N-pentafluoro... | 281 | C11H8F5NO2 | 1000446-98-1 | 43 |
| 4 | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3 | 015206-55-0 | 43 |
| 5 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 43 |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
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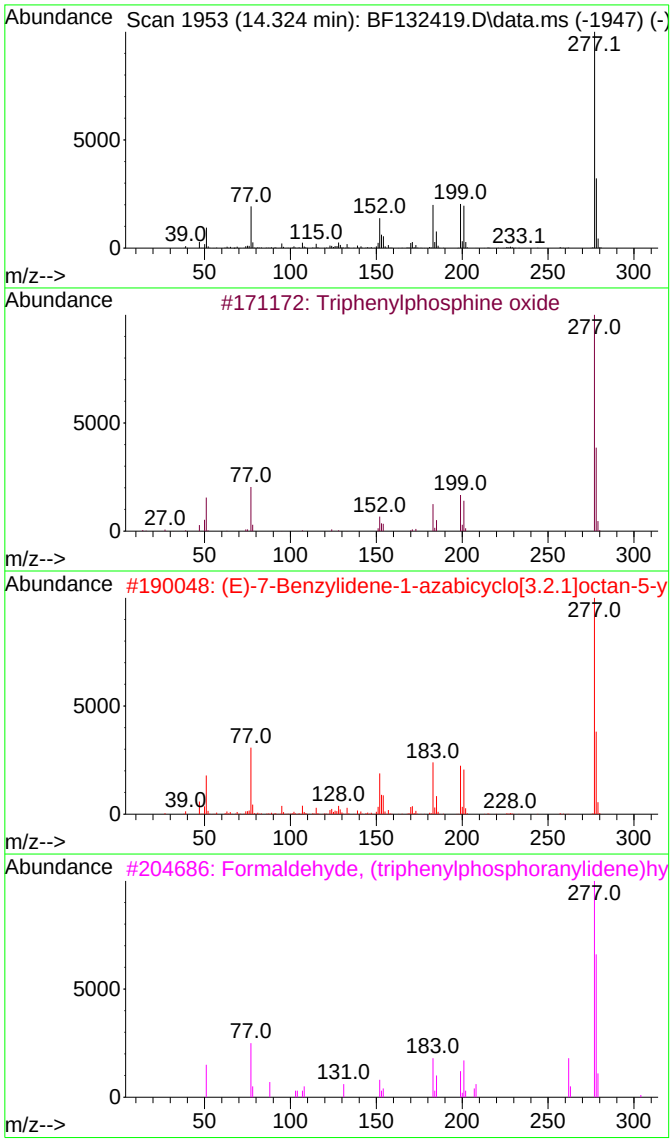
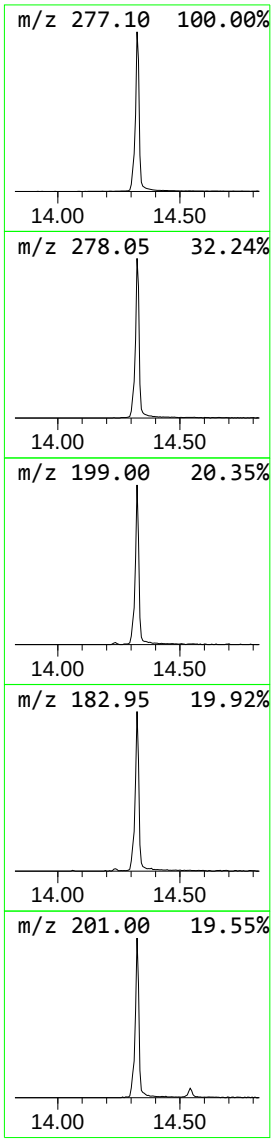
**********

Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.324 | 17.60 ng | 1087460 | Chrysene-d12 | 14.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 95 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 91 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 42 |
| 4 | 5-Methyl-8-phenylfuro[3',2':5,6]... | 277 | C16H11N3O2 | 1000460-07-9 | 25 |
| 5 | Vanadium, cycloheptatrienyl-(pen... | 277 | C17H22V | 1000155-20-5 | 25 |



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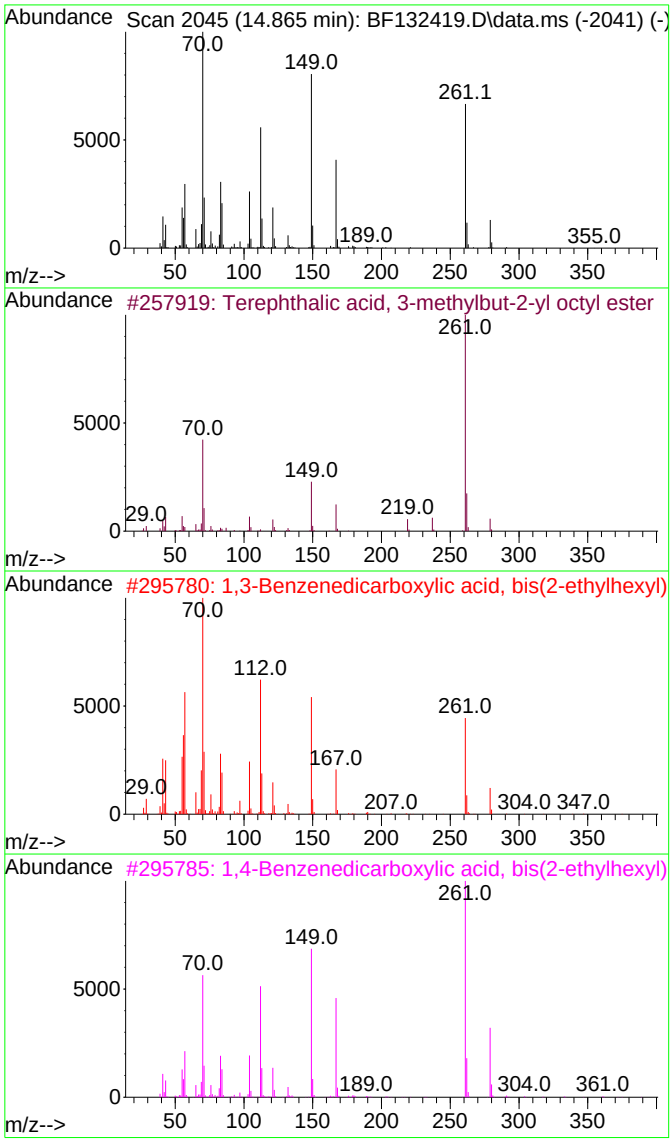
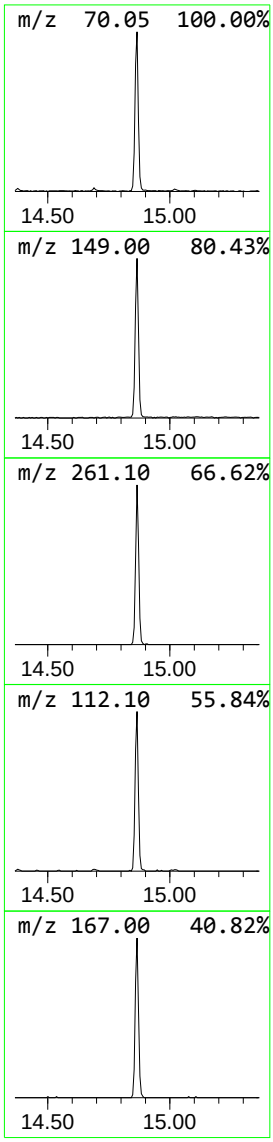
**********

Peak Number 4 Terephthalic acid, 3-methyl... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.866 | 6.44 ng | 397903 | Chrysene-d12 | 14.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Terephthalic acid, 3-methylbut-2... | 348 | C21H32O4 | 1000356-27-6 | 72 |
| 2 | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 000137-89-3 | 64 |
| 3 | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2 | 62 |
| 4 | Terephthalic acid, di(4-octyl) e... | 390 | C24H38O4 | 1000323-74-2 | 50 |
| 5 | Terephthalic acid, monochloride,... | 296 | C16H21ClO3 | 1000324-22-9 | 38 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.278 | 26.5 | ng | 1162880 | 1 | 7.031 | 876237 | 20.0 |
| Benzophenone | 10.795 | 2.5 | ng | 174723 | 3 | 10.083 | 1397650 | 20.0 |
| Triphenylphosph... | 14.324 | 17.6 | ng | 1087460 | 5 | 14.236 | 1235780 | 20.0 |
| Terephthalic ac... | 14.866 | 6.4 | ng | 397903 | 5 | 14.236 | 1235780 | 20.0 |