LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111352.D
Acq On : 13 Dec 2018 5:46
Operator : JU/SJ
Sample : J6349-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

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-BF121218.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 | 4.369 | 381 | 388 | 397 | rBV | 366637 | 420625 | 8.76% | 1.115% |
| 2 | 4.998 | 490 | 495 | 503 | rBV | 1573109 | 1759673 | 36.66% | 4.664% |
| 3 | 5.416 | 561 | 566 | 569 | rBV | 3904475 | 3515444 | 73.24% | 9.318% |
| 4 | 6.428 | 733 | 738 | 757 | rBV2 | 4575900 | 4799683 | 100.00% | 12.722% |
| 5 | 6.563 | 757 | 761 | 770 | rBV | 4347979 | 3983833 | 83.00% | 10.560% |
| 6 | 6.793 | 797 | 800 | 804 | rBV | 1315385 | 1130404 | 23.55% | 2.996% |
| 7 | 6.951 | 823 | 827 | 830 | rBV | 4452324 | 3726053 | 77.63% | 9.876% |
| 8 | 7.351 | 890 | 895 | 898 | rBV | 2908664 | 2598967 | 54.15% | 6.889% |
| 9 | 7.569 | 929 | 932 | 936 | rBV | 52301 | 50576 | 1.05% | 0.134% |
| 10 | 8.075 | 1014 | 1018 | 1022 | rBV | 1503439 | 1277376 | 26.61% | 3.386% |
| 11 | 9.151 | 1197 | 1201 | 1204 | rBV | 5031512 | 4339226 | 90.41% | 11.502% |
| 12 | 9.545 | 1264 | 1268 | 1271 | rBV | 200657 | 172747 | 3.60% | 0.458% |
| 13 | 9.828 | 1313 | 1316 | 1323 | rVB | 1302016 | 1216624 | 25.35% | 3.225% |
| 14 | 10.616 | 1446 | 1450 | 1465 | rBV | 845933 | 831329 | 17.32% | 2.204% |
| 15 | 11.310 | 1565 | 1568 | 1572 | rBV | 1219645 | 1147124 | 23.90% | 3.041% |
| 16 | 12.898 | 1834 | 1838 | 1842 | rBV | 4109368 | 4073738 | 84.88% | 10.798% |
| 17 | 13.816 | 1991 | 1994 | 2004 | rBV | 303089 | 529526 | 11.03% | 1.404% |
| 18 | 13.945 | 2012 | 2016 | 2025 | rBV2 | 1118388 | 1327797 | 27.66% | 3.519% |
| 19 | 14.733 | 2148 | 2150 | 2154 | rVB | 86788 | 73064 | 1.52% | 0.194% |
| 20 | 15.386 | 2257 | 2261 | 2266 | rBV2 | 602582 | 753463 | 15.70% | 1.997% |

Sum of corrected areas: 37727272

LSC Report - Integrated Chromatogram

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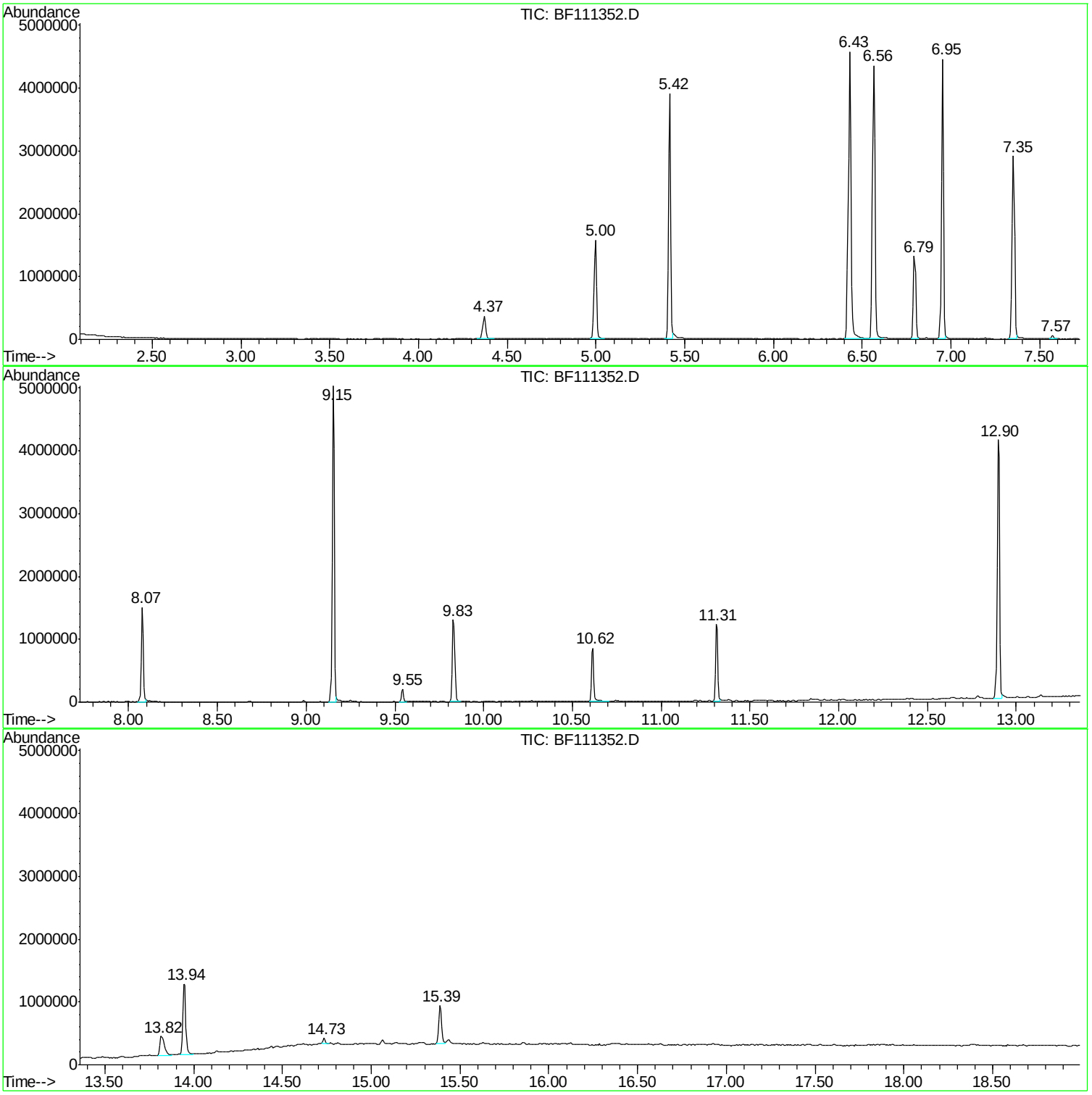
Sample : J6349-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111352.D
Acq On : 13 Dec 2018 5:46
Operator : JU/SJ
Sample : J6349-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

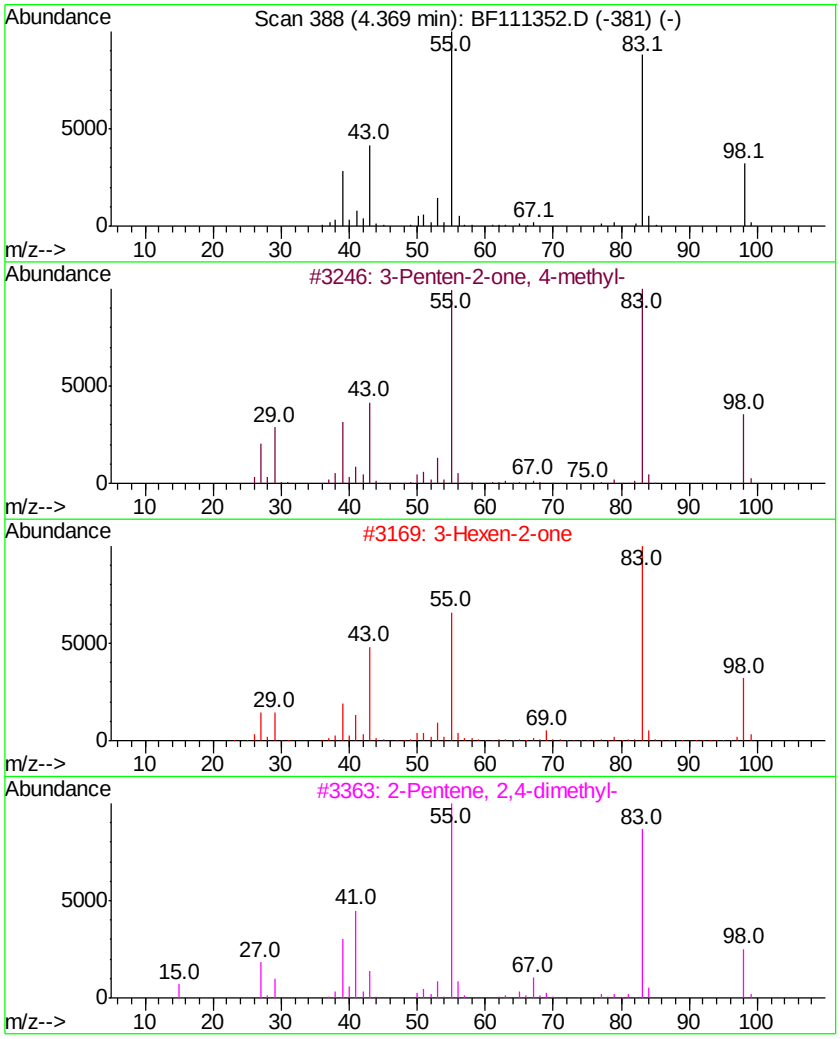
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

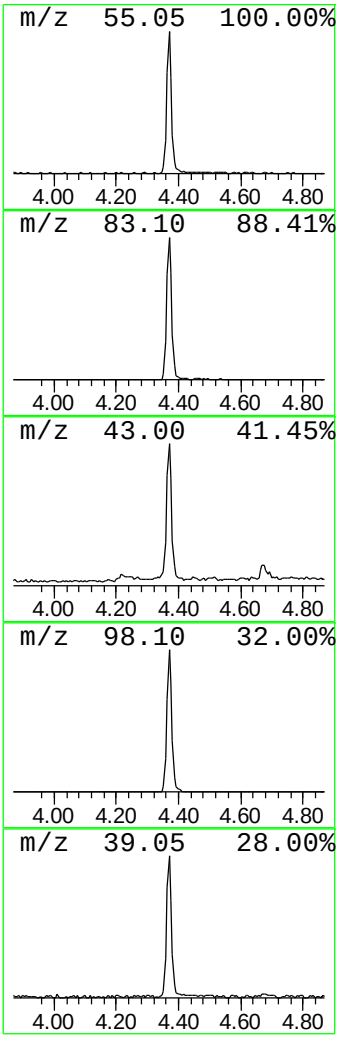
**********

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.37 | 7.44 ng | 420625 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 94 |
| 2 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 90 |
| 3 | 2-Pentene, 2,4-dimethyl- | 98 | C7H14 | 000625-65-0 | 86 |
| 4 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 83 |
| 5 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 78 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111352.D
Acq On : 13 Dec 2018 5:46
Operator : JU/SJ
Sample : J6349-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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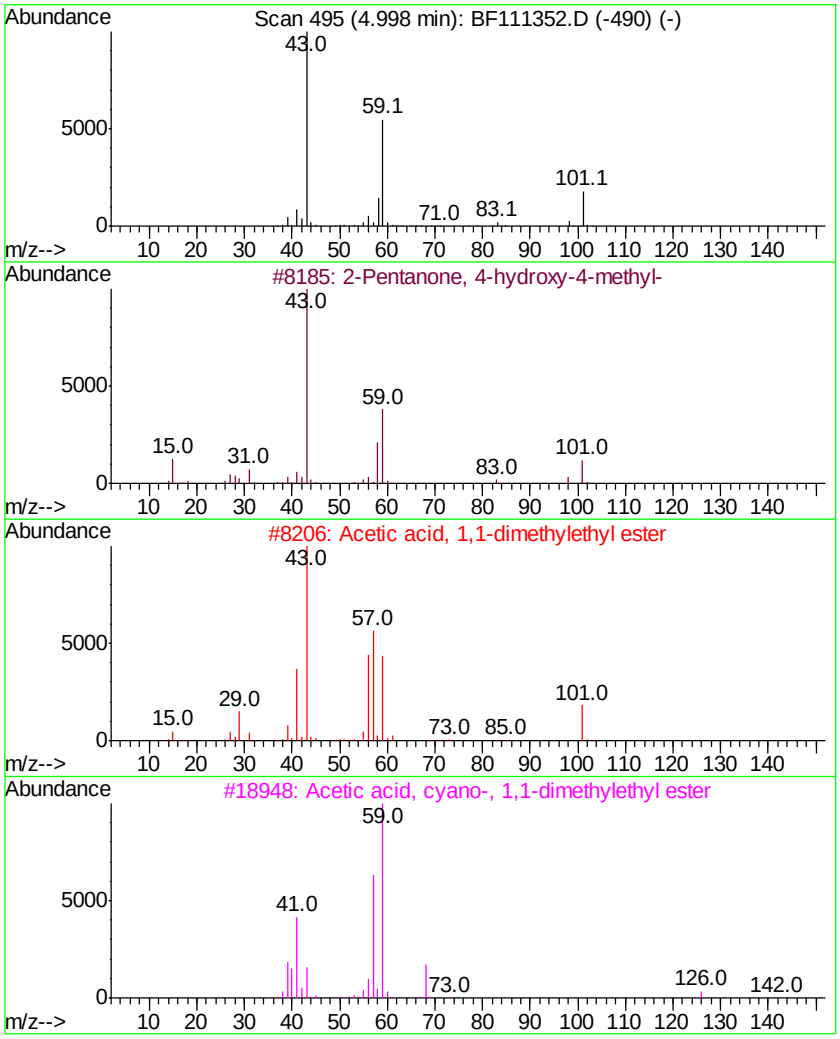
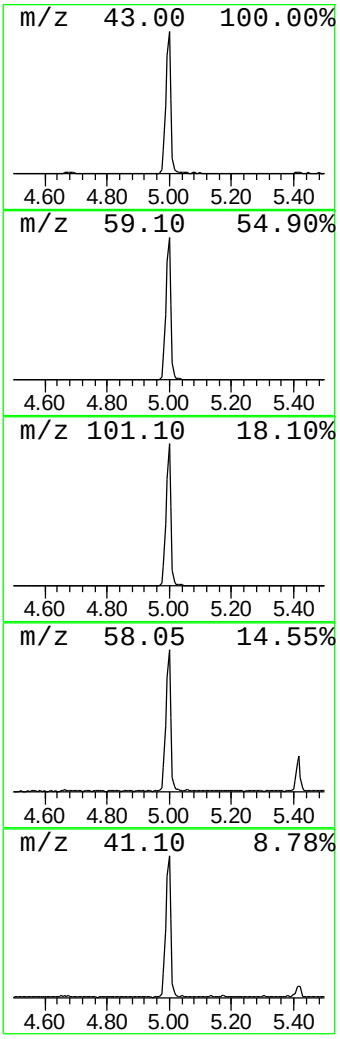
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 31.13 ng | 1759670 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 9 |



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Data File : BF111352.D
Acq On : 13 Dec 2018 5:46
Operator : JU/SJ
Sample : J6349-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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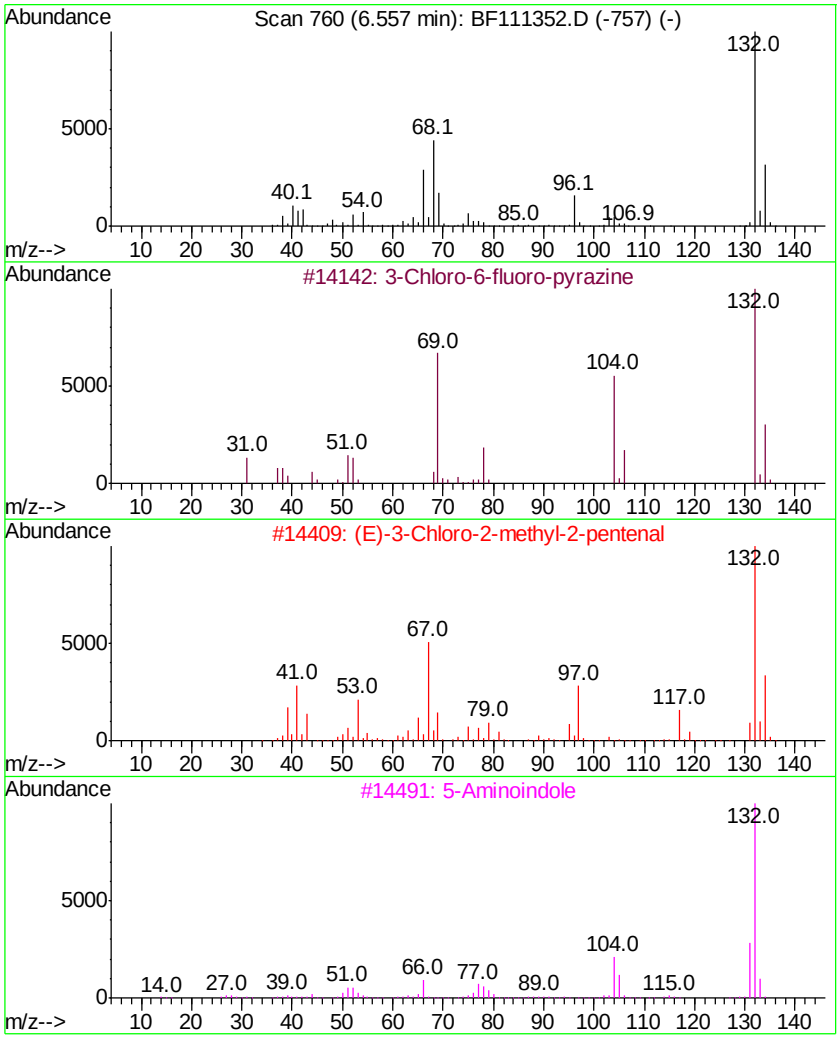
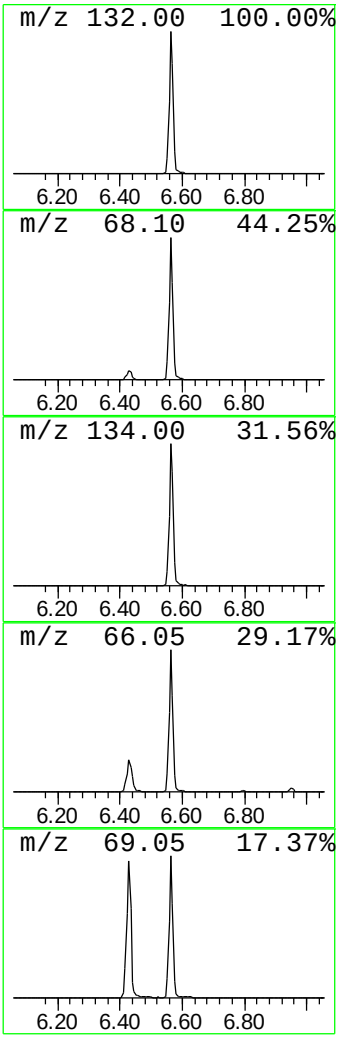
Peak Number 3 unknown6.56 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.56 | 70.49 ng | 3983830 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 16 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 10 |
| 5 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |



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ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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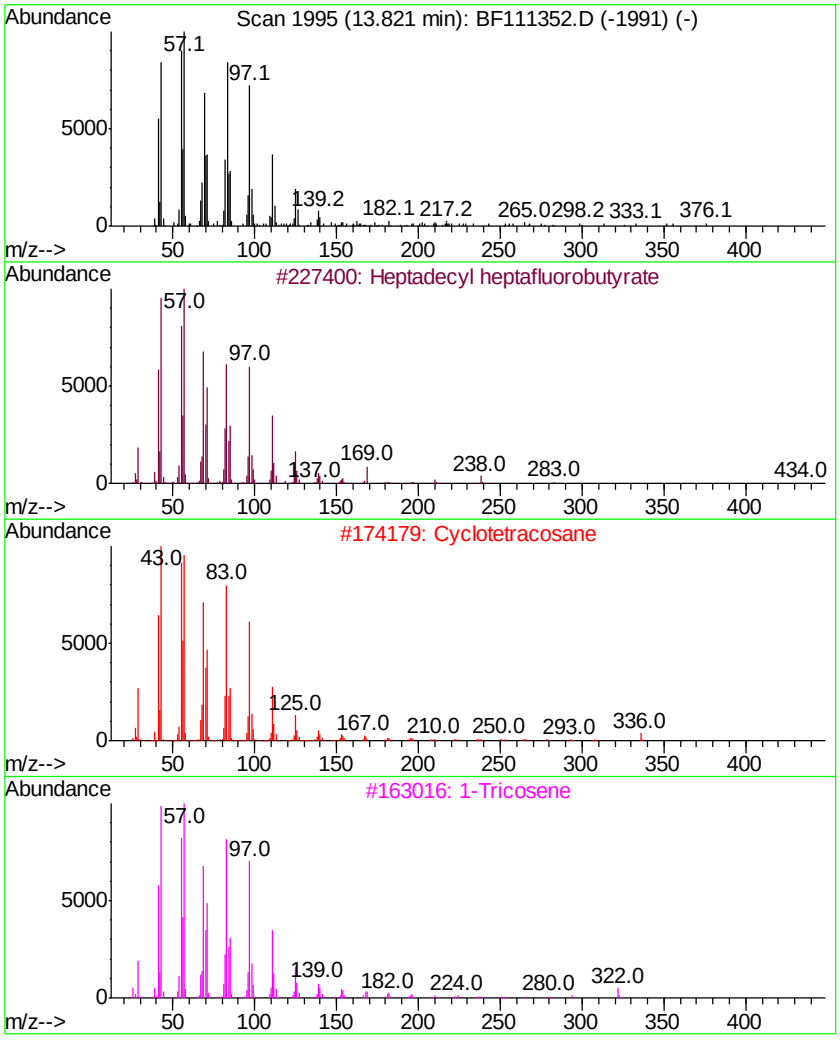
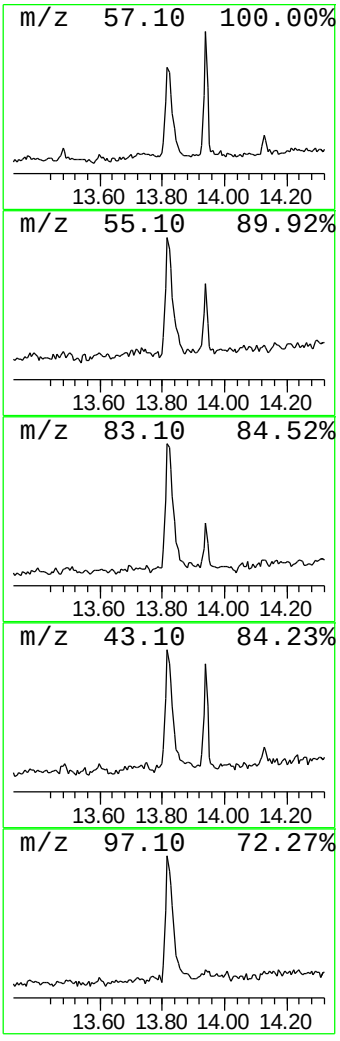
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.82 | 7.98 ng | 529526 | Chrysene-d12 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 94 |
| 3 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 91 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 91 |
| 5 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** VNJ-242

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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 |
| 3-Penten-2-one, 4... | 4.37 | 7.4 | ng | 420625 | 1 | 6.79 | 1130400 | 20.0 |
| 2-Pentanone, 4-hy... | 5.00 | 31.1 | ng | 1759670 | 1 | 6.79 | 1130400 | 20.0 |
| unknown6.56 | 6.56 | 70.5 | ng | 3983830 | 1 | 6.79 | 1130400 | 20.0 |
| Heptadecyl heptaf... | 13.82 | 8.0 | ng | 529526 | 5 | 13.95 | 1327800 | 20.0 |