LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

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-BF052820.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 | 1.922 | 3 | 6 | 10 | rVB | 651733 | 782279 | 9.33% | 1.568% |
| 2 | 1.958 | 10 | 12 | 32 | rVV | 1729332 | 2722492 | 32.46% | 5.458% |
| 3 | 2.099 | 32 | 36 | 55 | rVB | 1316887 | 1757136 | 20.95% | 3.523% |
| 4 | 5.451 | 601 | 606 | 609 | rBV | 3844235 | 3504109 | 41.78% | 7.025% |
| 5 | 6.463 | 773 | 778 | 781 | rBV | 3838489 | 3730123 | 44.47% | 7.479% |
| 6 | 6.834 | 838 | 841 | 845 | rBV | 1715623 | 1560096 | 18.60% | 3.128% |
| 7 | 6.992 | 864 | 868 | 871 | rBV | 3823708 | 3245674 | 38.69% | 6.507% |
| 8 | 7.398 | 932 | 937 | 940 | rBV | 2824603 | 2474459 | 29.50% | 4.961% |
| 9 | 8.116 | 1055 | 1059 | 1063 | rBV | 2291968 | 1971447 | 23.50% | 3.953% |
| 10 | 9.192 | 1238 | 1242 | 1246 | rBV | 5011166 | 4696799 | 55.99% | 9.417% |
| 11 | 9.586 | 1305 | 1309 | 1312 | rBV | 708941 | 518432 | 6.18% | 1.039% |
| 12 | 9.875 | 1354 | 1358 | 1361 | rVB | 2402387 | 2073782 | 24.72% | 4.158% |
| 13 | 10.657 | 1487 | 1491 | 1494 | rBV | 2894947 | 2418219 | 28.83% | 4.848% |
| 14 | 11.357 | 1606 | 1610 | 1613 | rBV | 2193217 | 1754955 | 20.92% | 3.519% |
| 15 | 11.880 | 1696 | 1699 | 1704 | rBV | 165663 | 161081 | 1.92% | 0.323% |
| 16 | 12.939 | 1875 | 1879 | 1883 | rBV | 3844346 | 3512081 | 41.87% | 7.041% |
| 17 | 13.486 | 1968 | 1972 | 1975 | rBV | 2715567 | 2242288 | 26.73% | 4.496% |
| 18 | 13.845 | 2027 | 2033 | 2043 | rBV3 | 441139 | 794818 | 9.48% | 1.594% |
| 19 | 13.986 | 2052 | 2057 | 2061 | rBV2 | 7652208 | 8387898 | 100.00% | 16.817% |
| 20 | 15.445 | 2300 | 2305 | 2309 | rBV | 1210212 | 1411253 | 16.82% | 2.829% |
| 21 | 15.980 | 2392 | 2396 | 2403 | rVB5 | 75807 | 157832 | 1.88% | 0.316% |

Sum of corrected areas: 49877253

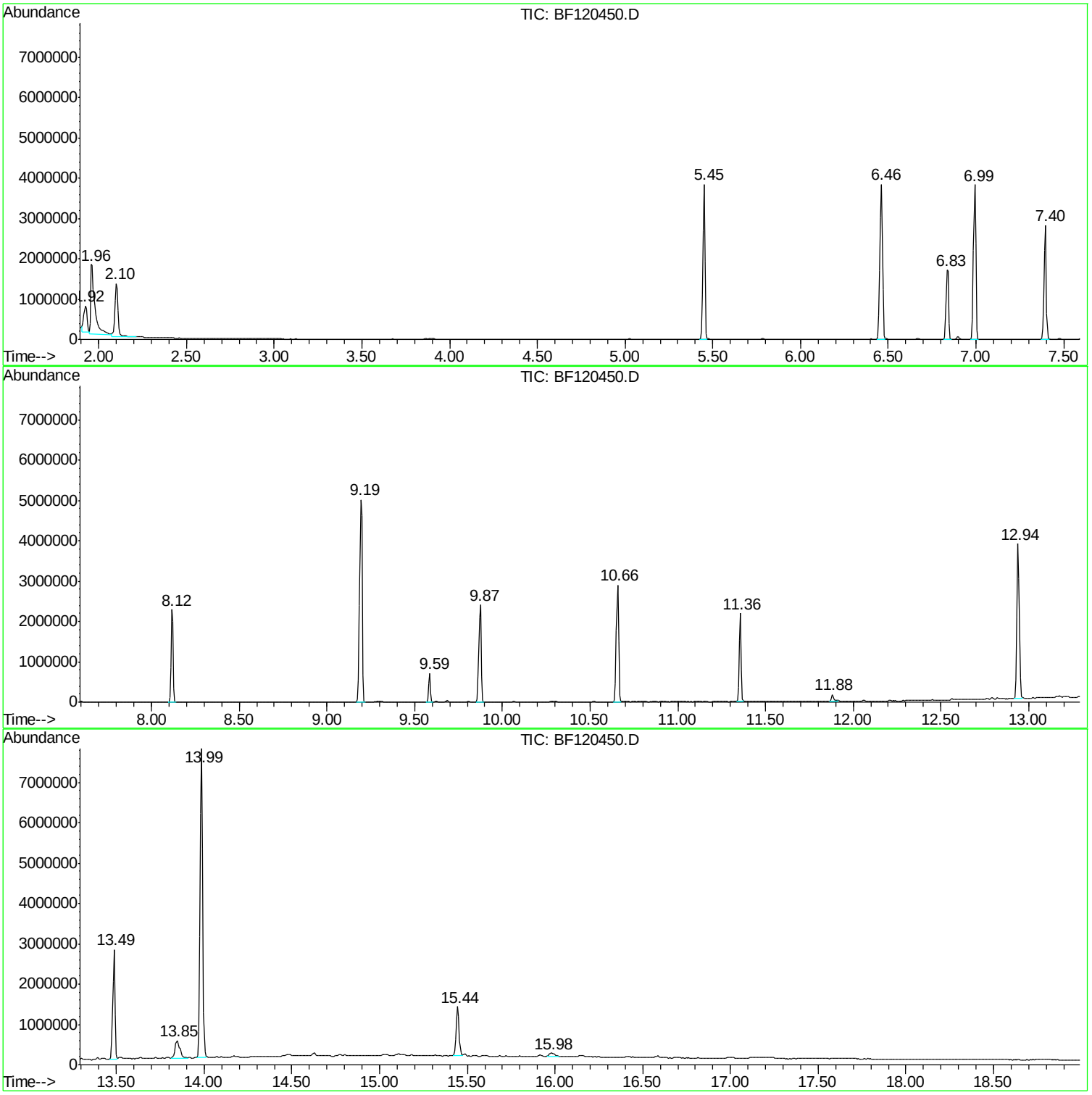
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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 F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

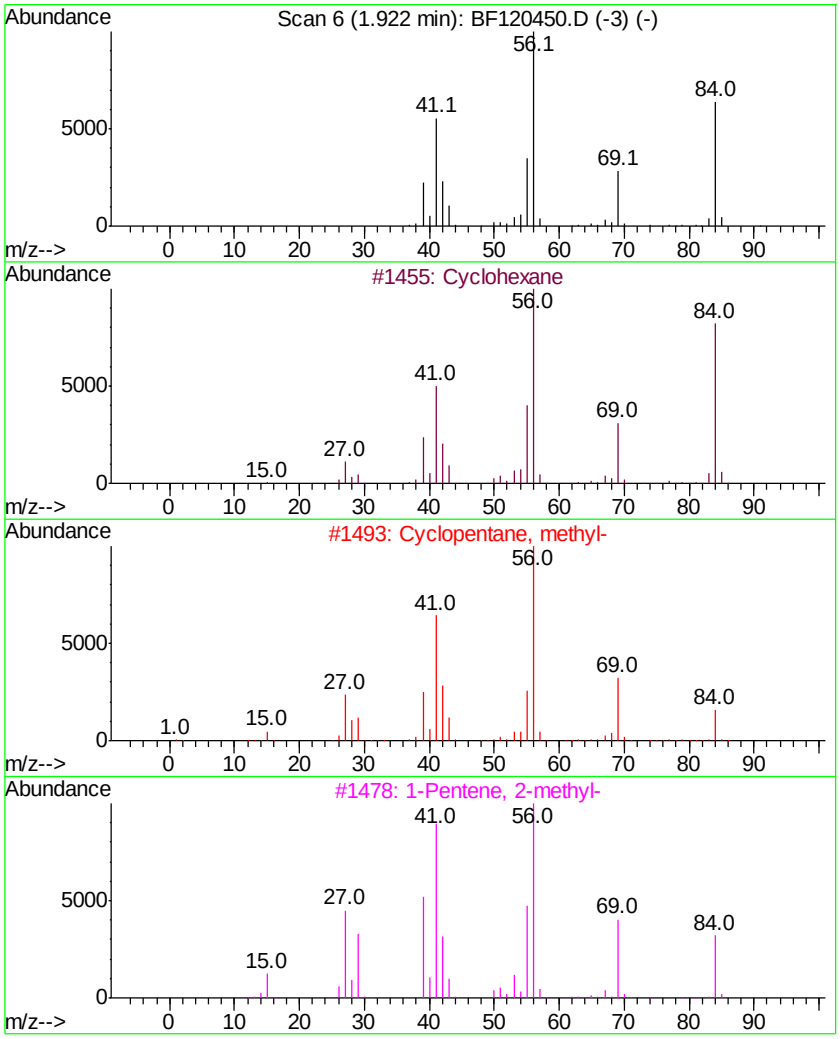
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

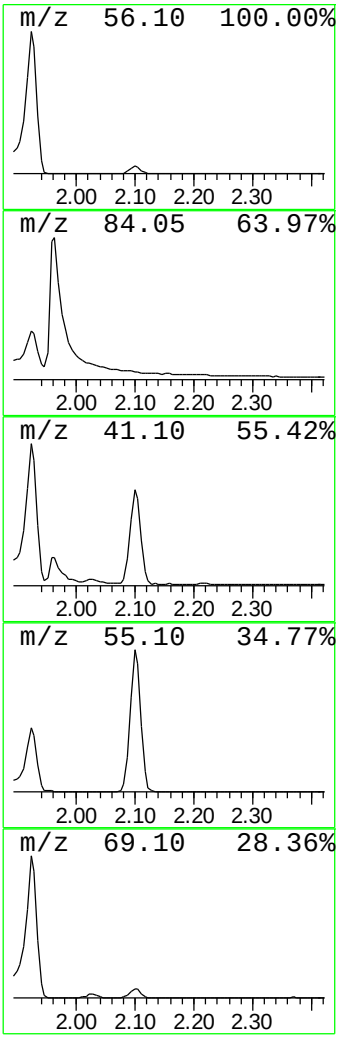
**********

Peak Number 1 Cyclohexane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.92 | 10.03 ng | 782279 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 91 |
| 2 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 59 |
| 3 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 42 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 40 |
| 5 | 2H-Pyran-2,6(3H)-dione, dihydro-... | 142 | C7H10O3 | 004160-82-1 | 37 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

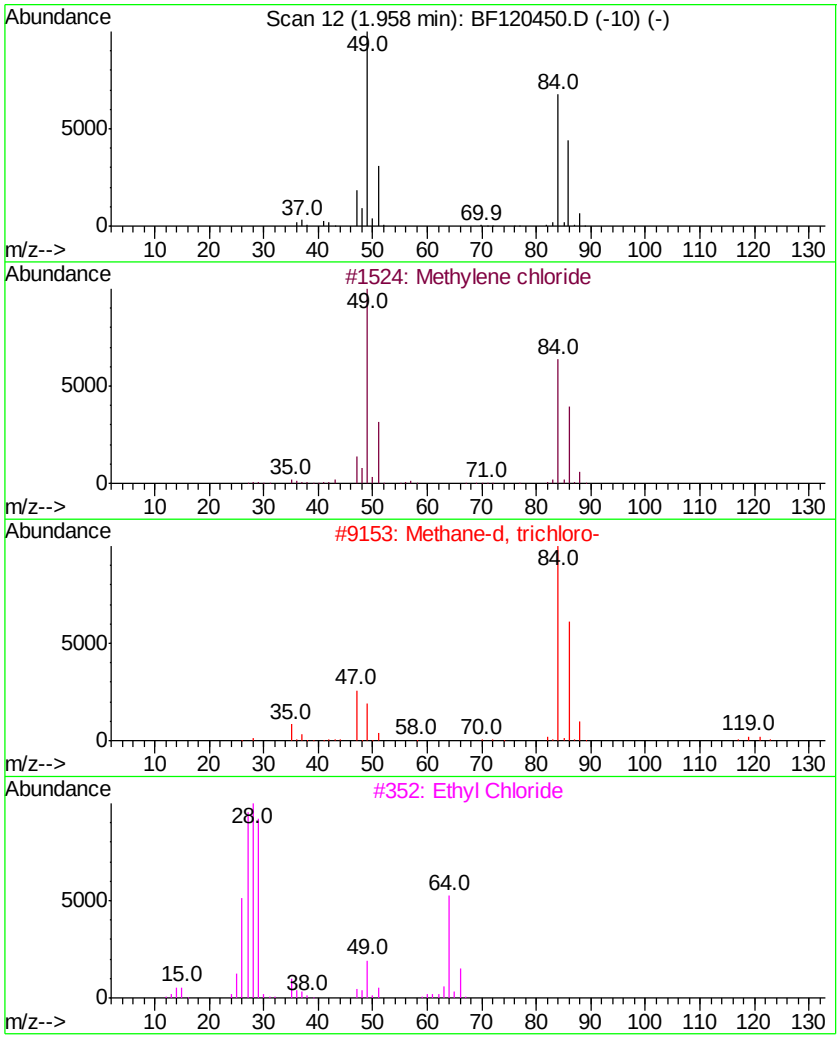
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

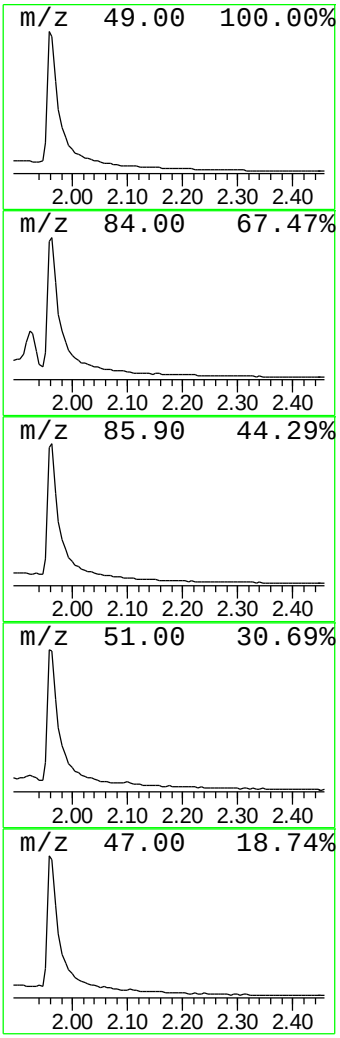
**********

Peak Number 2 Methylene chloride Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.96 | 34.90 ng | 2722490 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methylene chloride | 84 | CH2Cl2 | 000075-09-2 | 95 |
| 2 | Methane-d, trichloro- | 119 | CDCl3 | 000865-49-6 | 10 |
| 3 | Ethyl Chloride | 64 | C2H5Cl | 000075-00-3 | 4 |
| 4 | Acetic acid, chloro-, ethyl ester | 122 | C4H7ClO2 | 000105-39-5 | 2 |
| 5 | 2-Chloroethanol | 80 | C2H5ClO | 000107-07-3 | 1 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

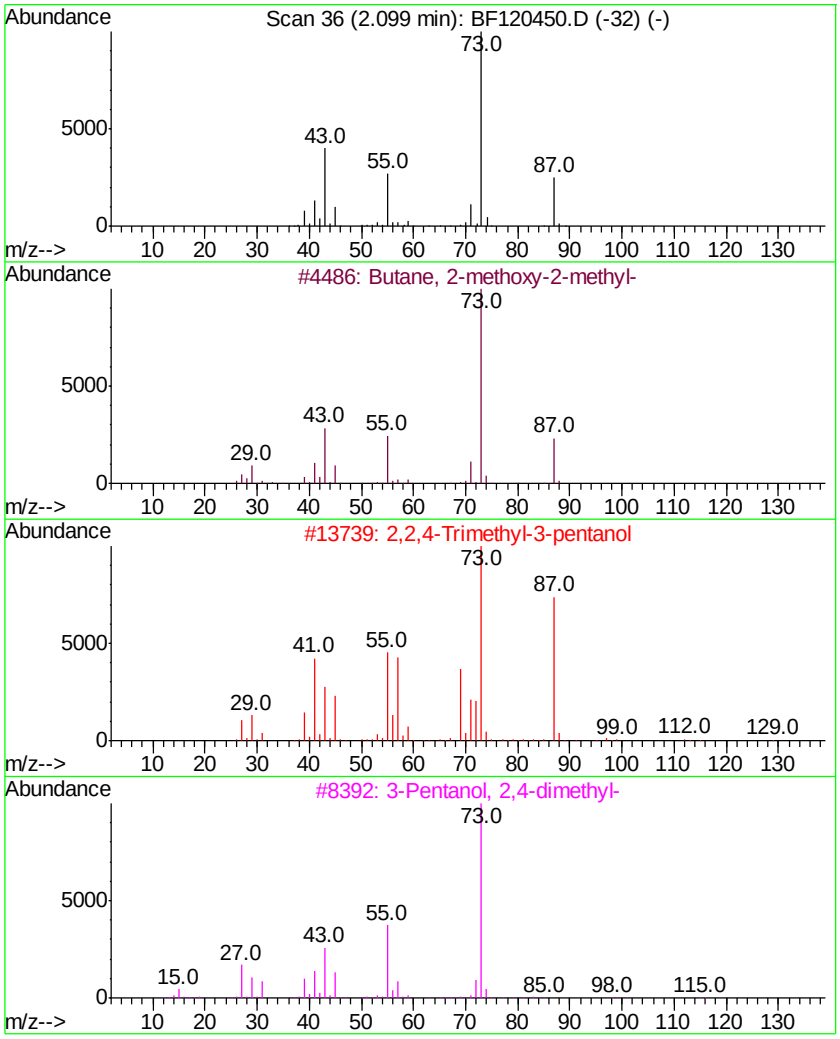
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

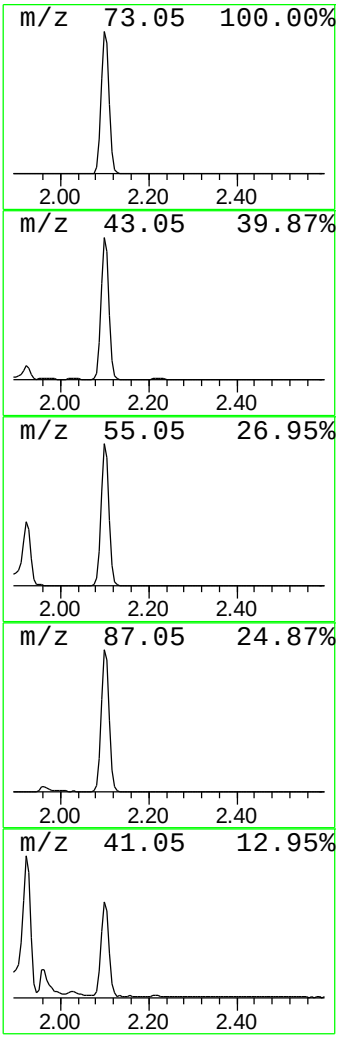
**********

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.10 | 22.53 ng | 1757140 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

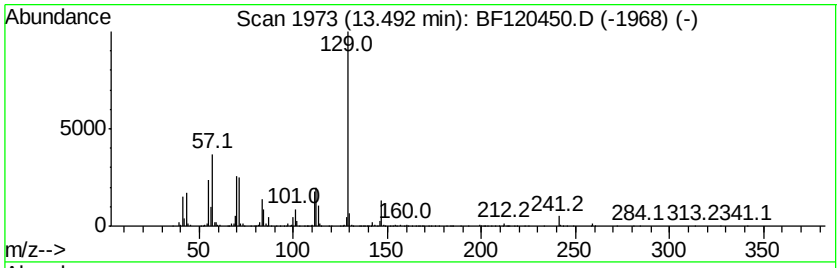
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

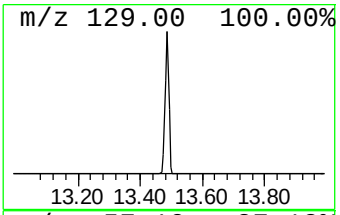
**********

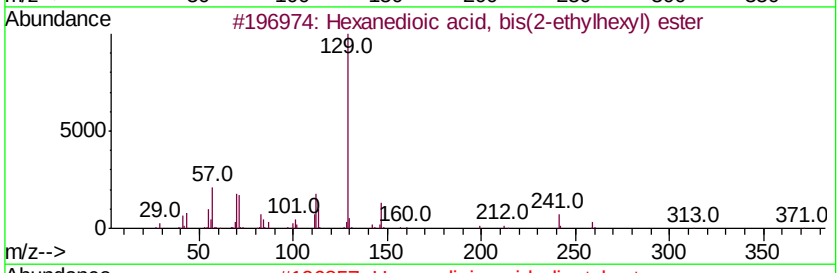
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 5

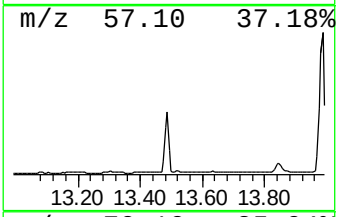
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.49 | 5.35 ng | 2242290 | Chrysene-d12 | 13.99 |

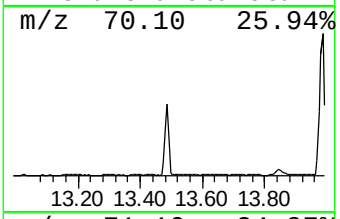
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 91 |
| 2 | Hexanedioic acid, dioctyl ester | 370 | C22H42O4 | 000123-79-5 | 90 |
| 3 | Hexanedioic acid, mono(2-ethylhe... | 258 | C14H26O4 | 004337-65-9 | 68 |
| 4 | Diisooctyl adipate | 370 | C22H42O4 | 001330-86-5 | 53 |
| 5 | Adipic acid, 2-ethylhexyl isohex... | 342 | C20H38O4 | 1000324-48-3 | 53 |

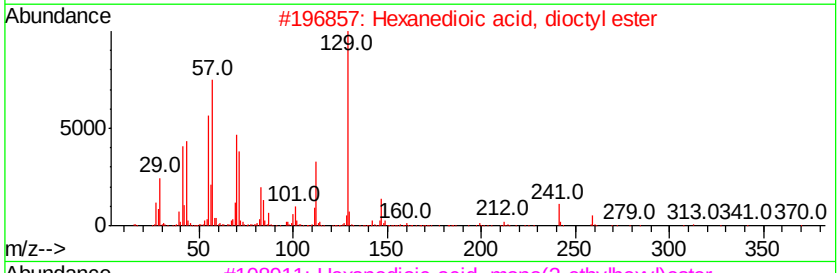


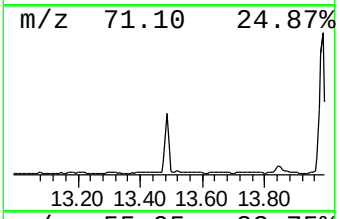



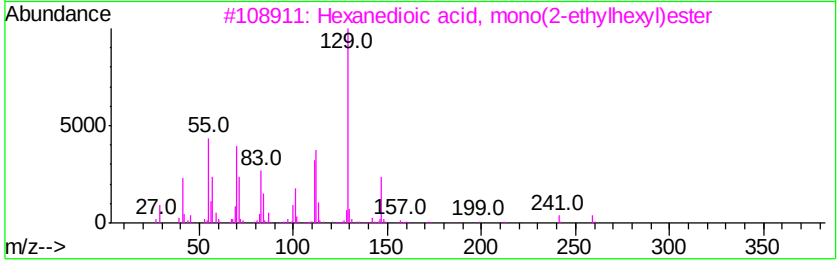



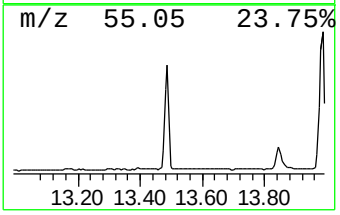



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

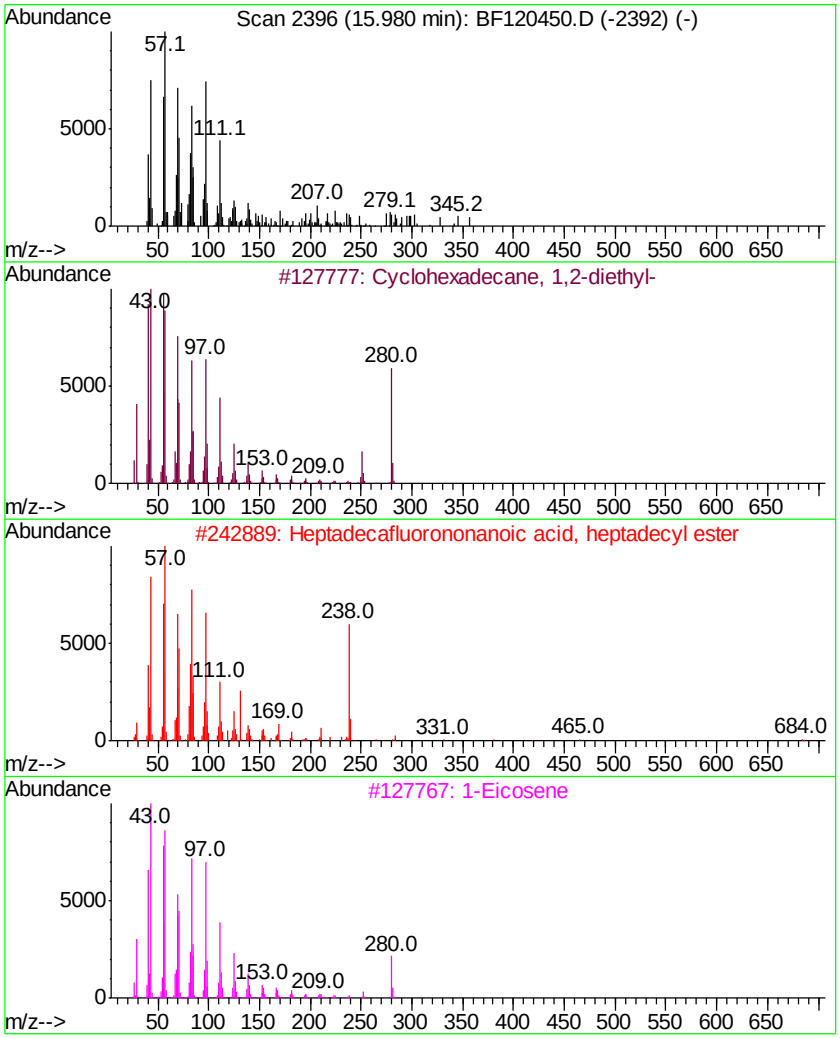
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

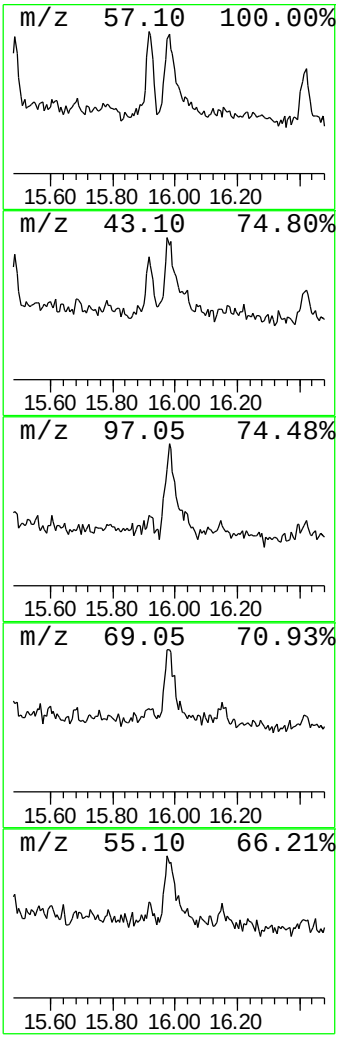
**********

Peak Number 6 Cyclohexadecane, 1,2-diethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.98 | 2.24 ng | 157832 | Perylene-d12 | 15.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane, 1,2-diethyl- | 280 | C20H40 | 1000155-85-3 | 87 |
| 2 | Heptadecafluorononanoic acid, he... | 702 | C26H35F17O2 | 1000356-03-3 | 87 |
| 3 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 87 |
| 4 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 86 |
| 5 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
Data File : BF120450.D
Acq On : 29 May 2020 20:17
Operator : MA/SJ
Sample : L2790-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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 |
| Cyclohexane | 1.92 | 10.0 | ng | 782279 | 1 | 6.84 | 1560100 | 20.0 |
| Methylene chloride | 1.96 | 34.9 | ng | 2722490 | 1 | 6.84 | 1560100 | 20.0 |
| Butane, 2-methoxy... | 2.10 | 22.5 | ng | 1757140 | 1 | 6.84 | 1560100 | 20.0 |
| Hexanedioic acid,... | 13.49 | 5.3 | ng | 2242290 | 5 | 13.99 | 8387900 | 20.0 |
| Cyclohexadecane, ... | 15.98 | 2.2 | ng | 157832 | 6 | 15.44 | 1411250 | 20.0 |