LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088660.D
Acq On : 3 Jul 2016 21:23
Operator : UM/SJ
Sample : H3817-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

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:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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	1.644	3	5	8	rVB	4874055	7109335	100.00%	20.096%
2	1.850	21	23	36	rVV	44554	71897	1.01%	0.203%
3	2.033	36	39	45	rVB	63123	95561	1.34%	0.270%
4	3.027	123	126	138	rBV	90276	201969	2.84%	0.571%
5	4.959	292	295	301	rVB	182477	275655	3.88%	0.779%
6	5.382	329	332	335	rBV	2726428	3026418	42.57%	8.555%
7	6.422	419	423	425	rBV	2669740	3014606	42.40%	8.521%
8	6.547	431	434	437	rBV	2354705	3083973	43.38%	8.718%
9	6.787	452	455	456	rBV	497275	617623	8.69%	1.746%
10	6.936	466	468	471	rVB	2026051	2267013	31.89%	6.408%
11	7.348	501	504	506	rBV	1942717	2012899	28.31%	5.690%
12	8.068	564	567	569	rBV	1025577	921306	12.96%	2.604%
13	9.142	658	661	664	rVB	2813186	3158308	44.42%	8.928%
14	9.542	693	696	698	rVB	356342	453888	6.38%	1.283%
15	9.816	717	720	722	rVB	1229866	1100671	15.48%	3.111%
16	10.605	786	789	791	rBV	1980439	2192023	30.83%	6.196%
17	11.176	837	839	840	rBV	107819	90679	1.28%	0.256%
18	11.291	847	849	851	rBV	1166479	973944	13.70%	2.753%
19	11.359	852	855	859	rVB3	35241	76800	1.08%	0.217%
20	12.880	985	988	990	rBV	2834013	2652286	37.31%	7.497%
21	13.817	1066	1070	1076	rBV	88729	219624	3.09%	0.621%
22	13.920	1076	1079	1081	rBV	902646	975031	13.71%	2.756%
23	15.303	1198	1200	1203	rBV	545070	785172	11.04%	2.219%

Sum of corrected areas: 35376681

LSC Report - Integrated Chromatogram

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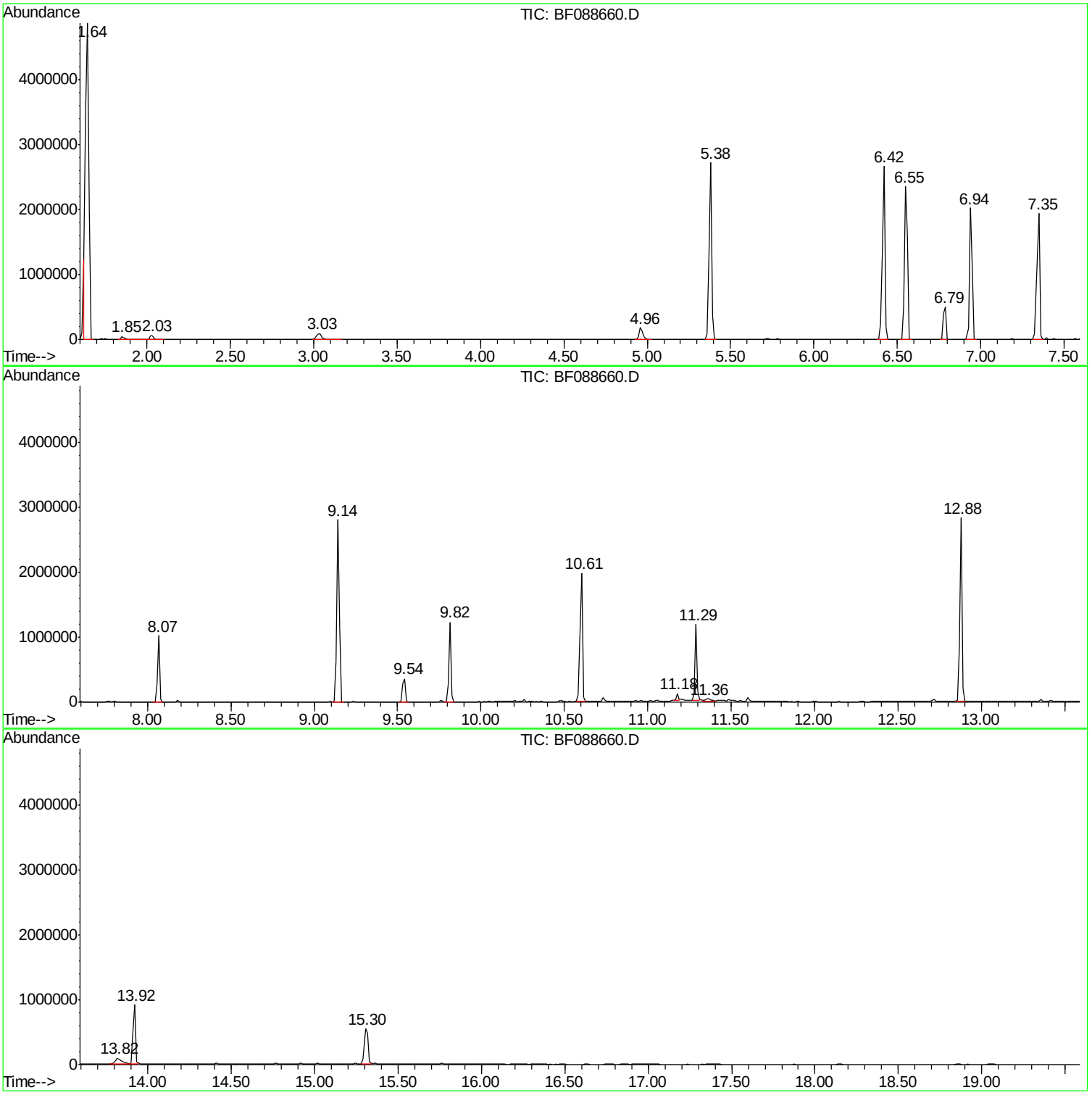
Instrument :
BNA_F
ClientSampleId :
BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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Sample : H3817-04
Misc :
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Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

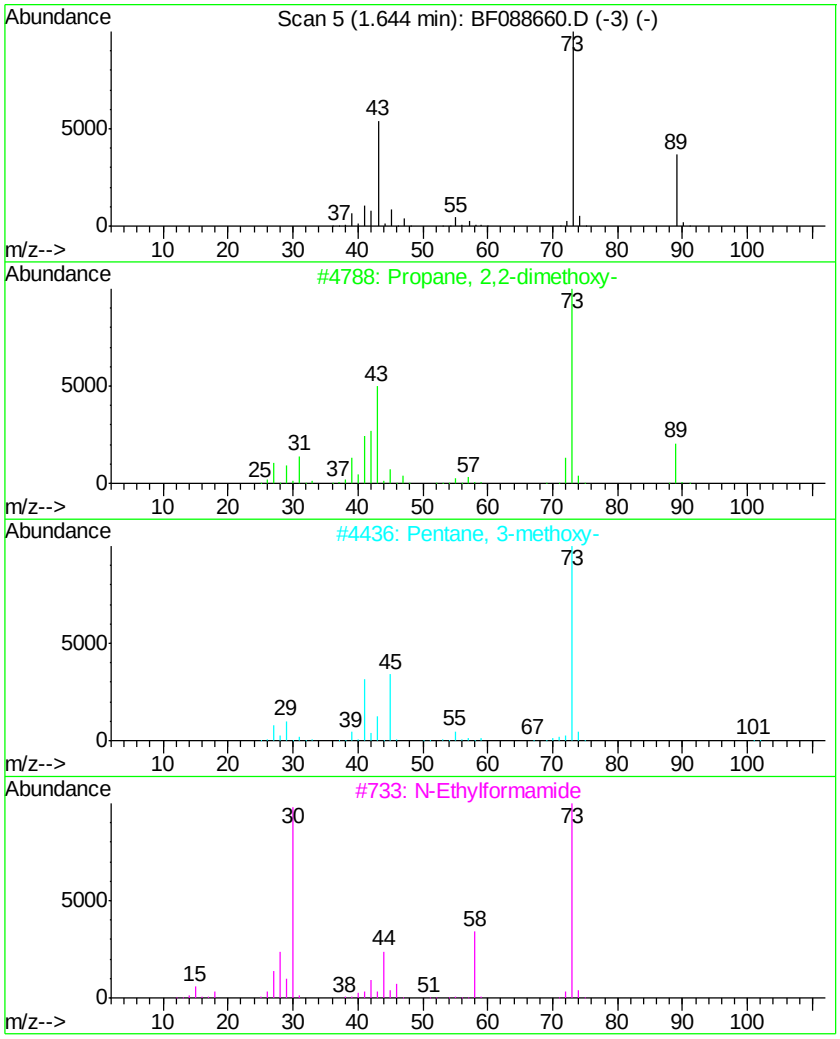
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

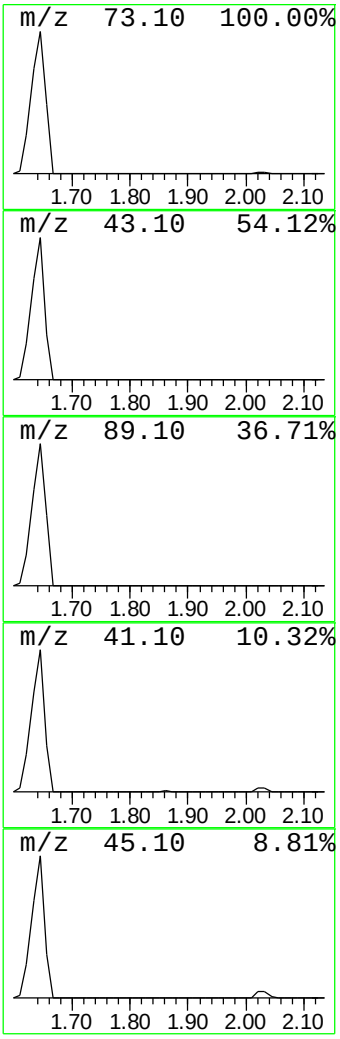
****

Peak Number 1 unknown1.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	230.22 ng	7109340	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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Sample : H3817-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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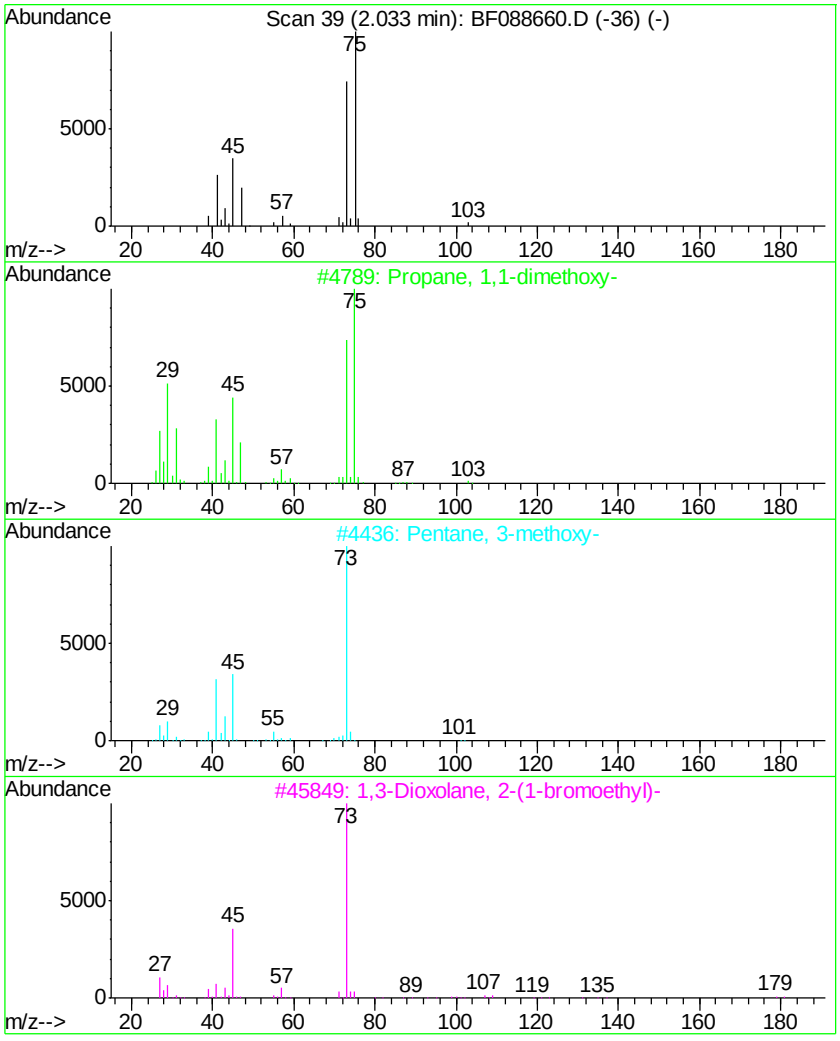
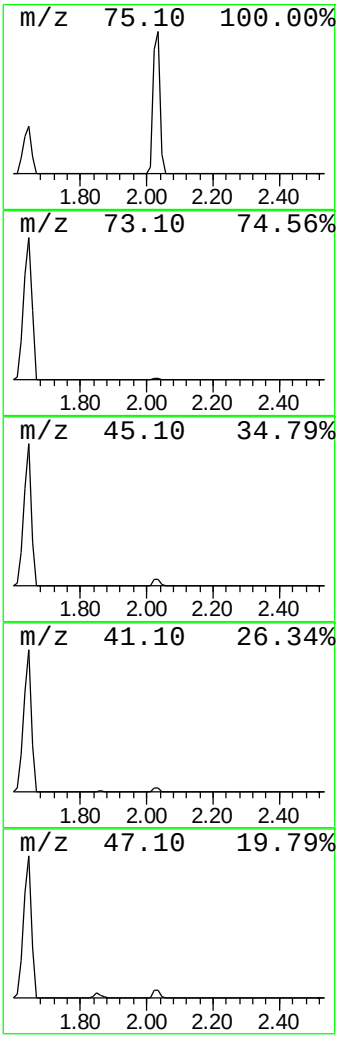
Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	3.09 ng	95561	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	9





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Operator : UM/SJ
Sample : H3817-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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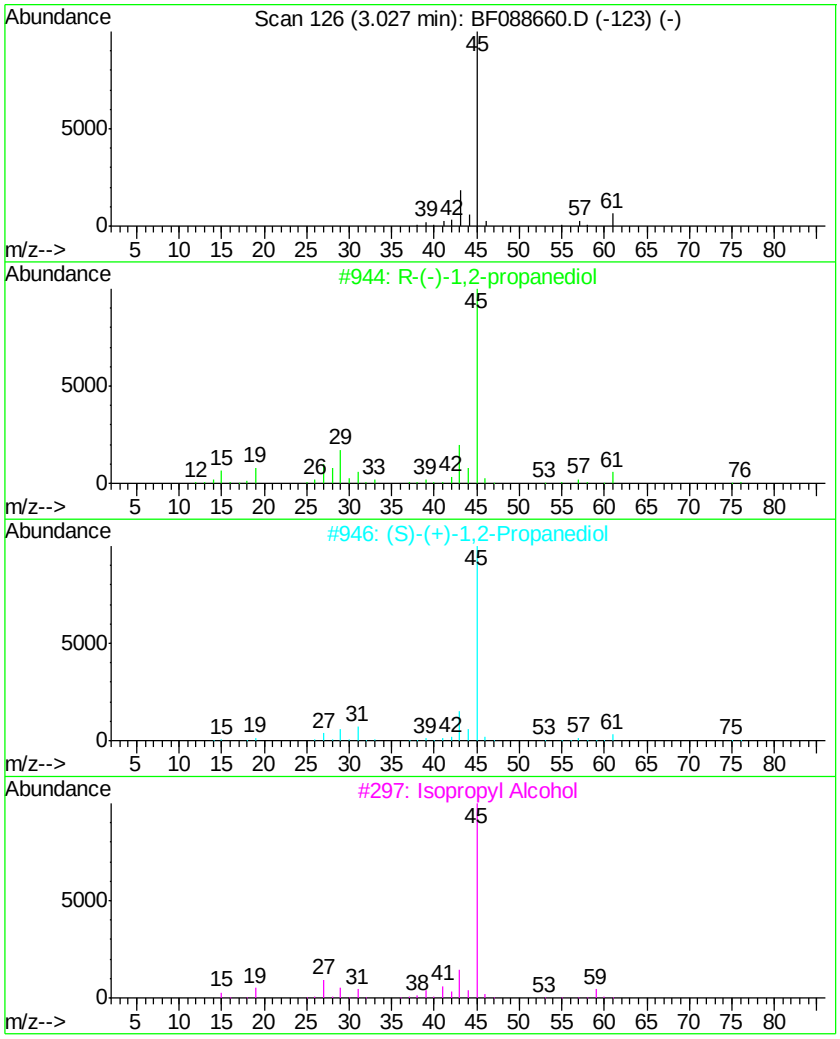
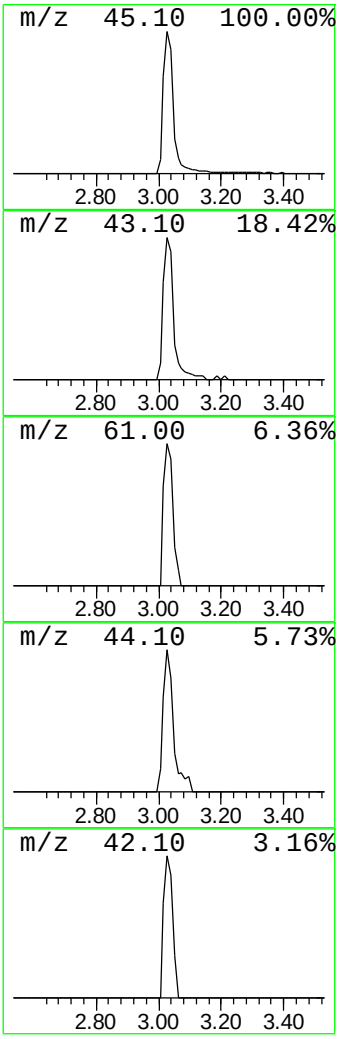
Peak Number 4 R-(-)-1,2-propanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	6.54 ng	201969	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9





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Sample : H3817-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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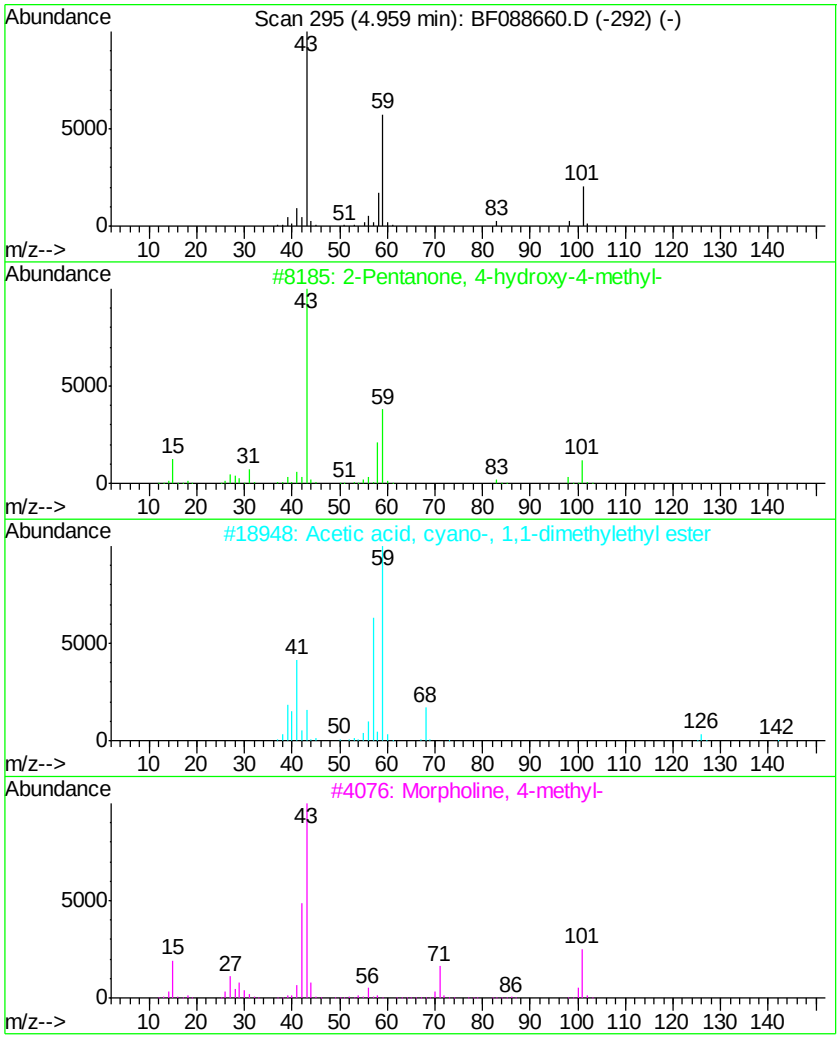
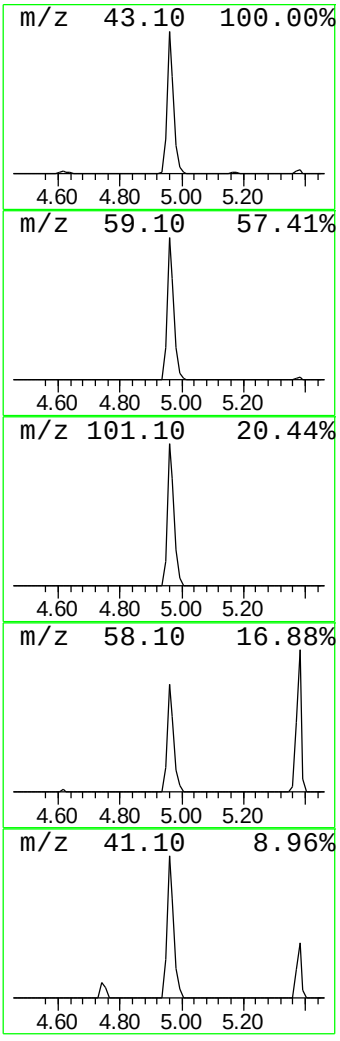
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	8.93 ng	275655	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Misc :
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Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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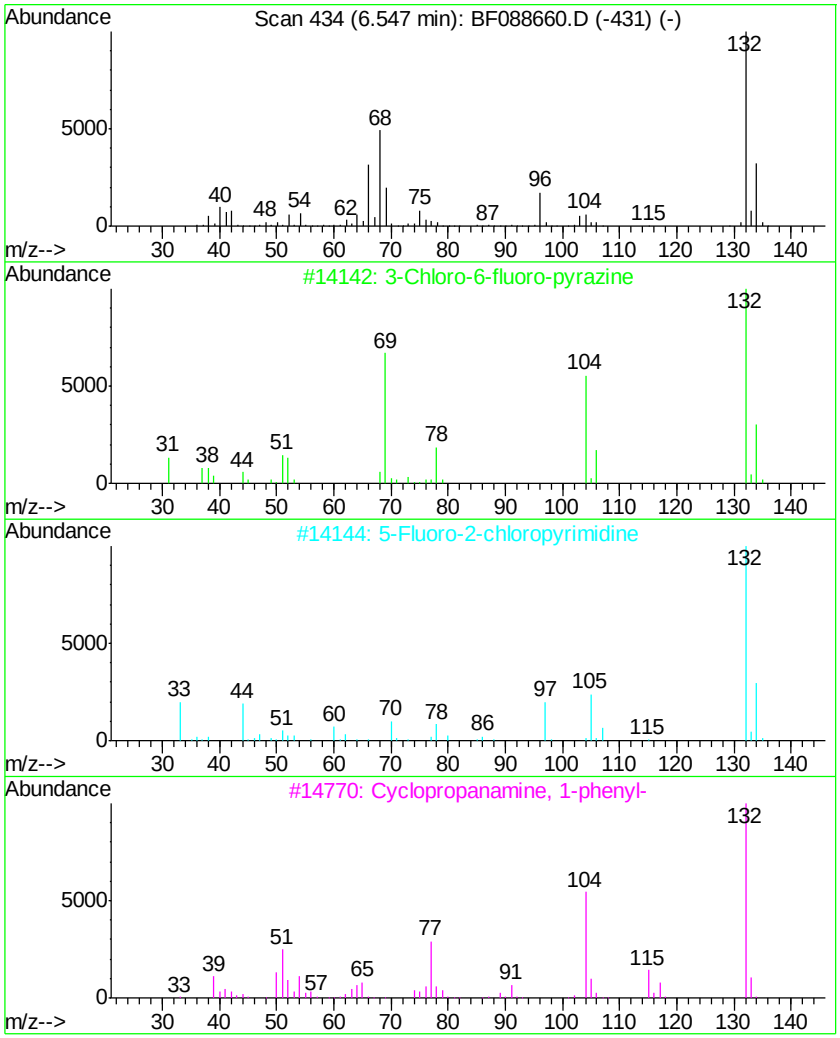
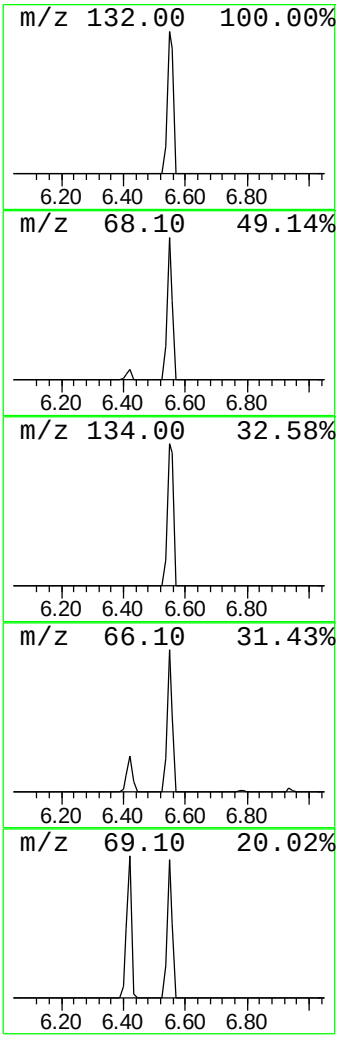
Peak Number 6 unknown6.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	99.87 ng	3083970	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-1B-6-6.5FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Integration Parameters: LSCINT.P

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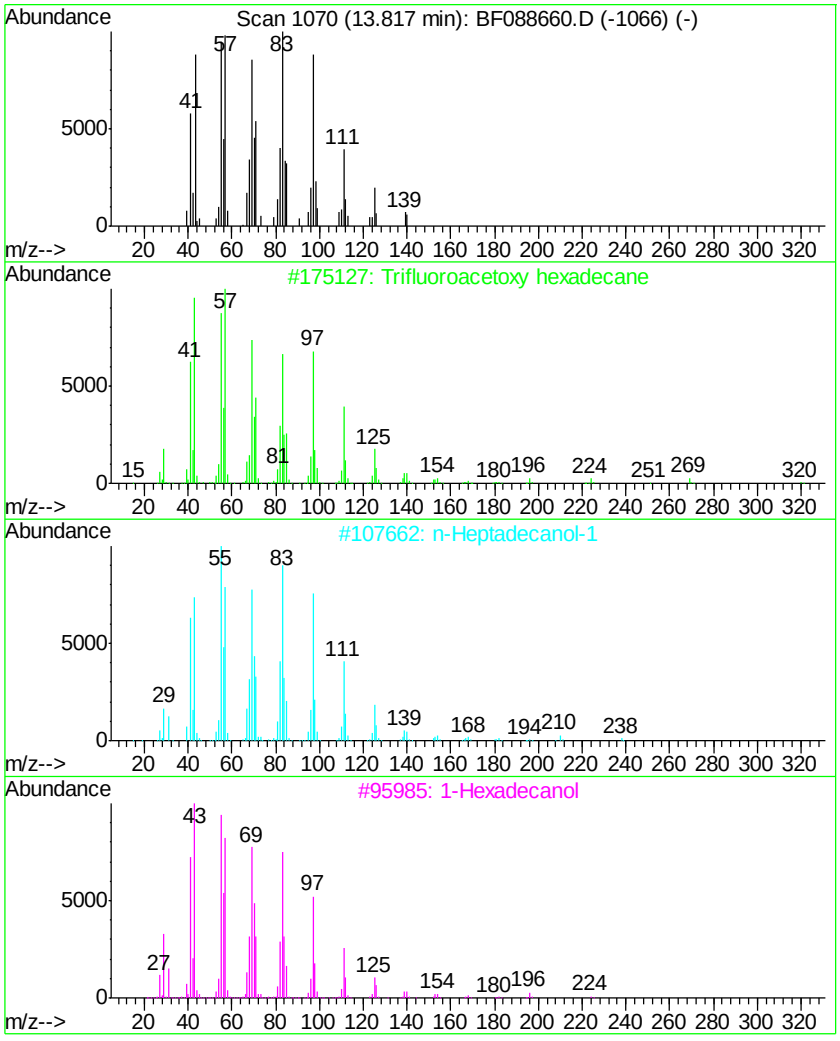
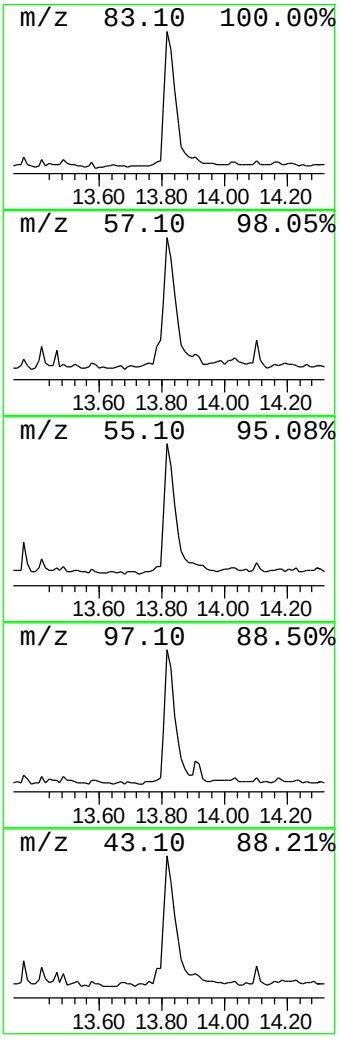
Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.50 ng	219624	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.64	1.64	230.2	ng	7109340	1	6.79	617623	20.0
Propane, 1,1-dime...	2.03	3.1	ng	95561	1	6.79	617623	20.0
R-(-)-1,2-propane...	3.03	6.5	ng	201969	1	6.79	617623	20.0
2-Pentanone, 4-hy...	4.96	8.9	ng	275655	1	6.79	617623	20.0
unknown6.55	6.55	99.9	ng	3083970	1	6.79	617623	20.0
Trifluoroacetoxy ...	13.82	4.5	ng	219624	5	13.92	975031	20.0