LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016336.D
Acq On : 11 Apr 2015 1:18
Operator : TP/IZ
Sample : G1828-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB-2015-04-08

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_G\METHODS\8270-BG040615.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	2.793	13	18	27	rBV	449263	683679	15.23%	2.927%
2	2.870	27	31	47	rVB	511458	611274	13.61%	2.617%
3	4.809	356	361	372	rVB	82698	115616	2.57%	0.495%
4	5.279	435	441	451	rBV	556279	813957	18.13%	3.484%
5	6.877	706	713	725	rBV	341028	516874	11.51%	2.213%
6	7.229	766	773	782	rBV	1109335	1710156	38.09%	7.321%
7	7.693	845	852	858	rBV	272081	413439	9.21%	1.770%
8	7.758	858	863	869	rVB	204299	288080	6.42%	1.233%
9	8.011	899	906	914	rBV	1014718	1589404	35.40%	6.804%
10	8.851	1041	1049	1060	rBV	827192	1320158	29.40%	5.651%
11	8.986	1066	1072	1082	rBV2	36725	69726	1.55%	0.298%
12	10.478	1319	1326	1333	rBV	387864	639281	14.24%	2.737%
13	12.952	1737	1747	1758	rBV	2145628	3139440	69.92%	13.440%
14	13.334	1807	1812	1819	rVB	66278	93125	2.07%	0.399%
15	14.333	1975	1982	1987	rBV2	593530	906286	20.18%	3.880%
16	14.368	1987	1988	1996	rVB	45833	48155	1.07%	0.206%
17	15.531	2178	2186	2193	rBV	128702	211823	4.72%	0.907%
18	15.819	2229	2235	2245	rBV	1371036	1937992	43.16%	8.296%
19	17.071	2442	2448	2461	rBV2	768660	1067518	23.77%	4.570%
20	17.194	2461	2469	2473	rVB3	42912	65755	1.46%	0.281%
21	19.703	2889	2896	2908	rBV	3377566	4490304	100.00%	19.223%
22	21.166	3140	3145	3152	rBV	397757	452454	10.08%	1.937%
23	21.248	3154	3159	3171	rVB	922998	1133184	25.24%	4.851%
24	23.487	3533	3540	3549	rBV2	555402	1041752	23.20%	4.460%

Sum of corrected areas: 23359432

LSC Report - Integrated Chromatogram

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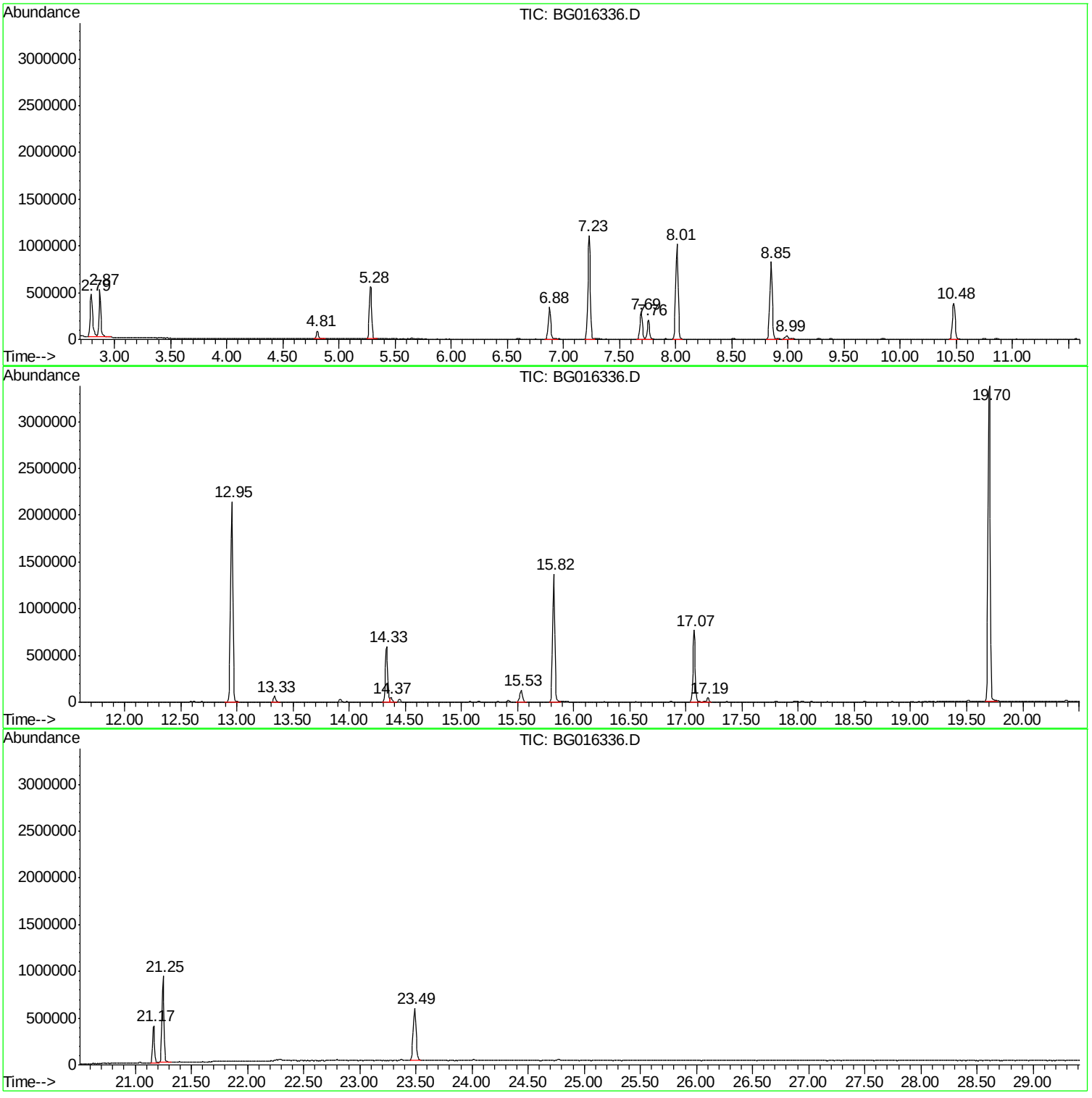
Instrument : BNA_G
ClientSampleId : EB-2015-04-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

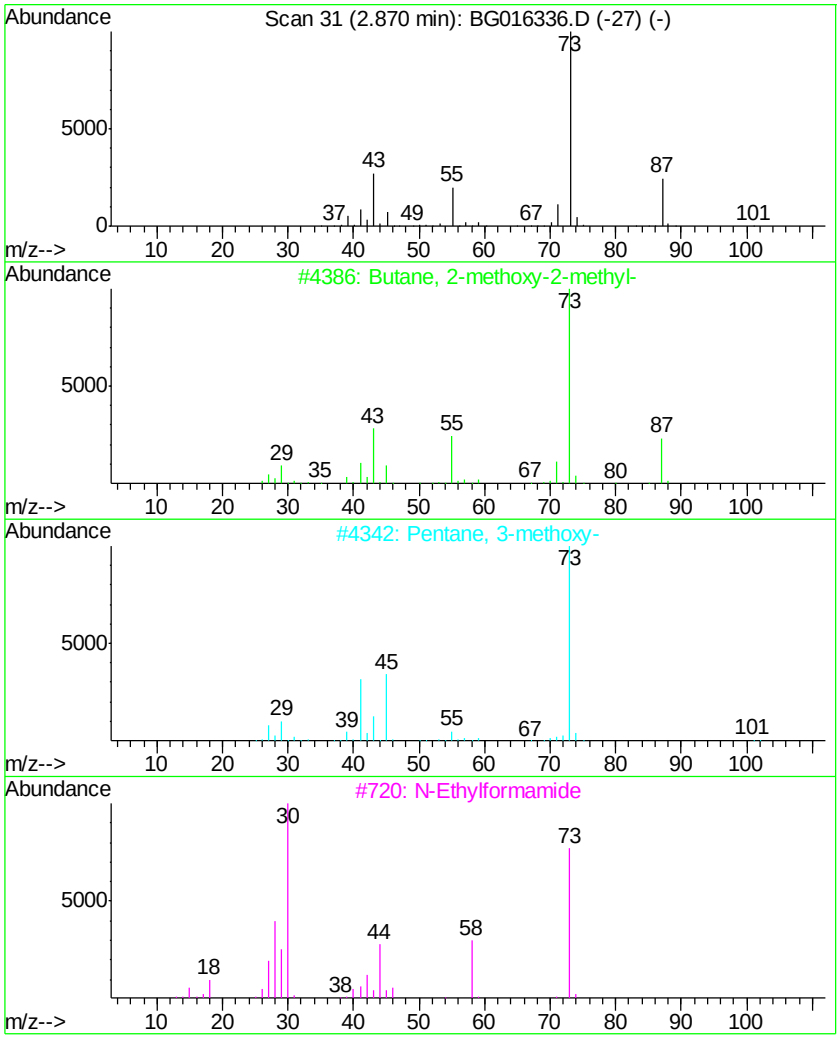
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

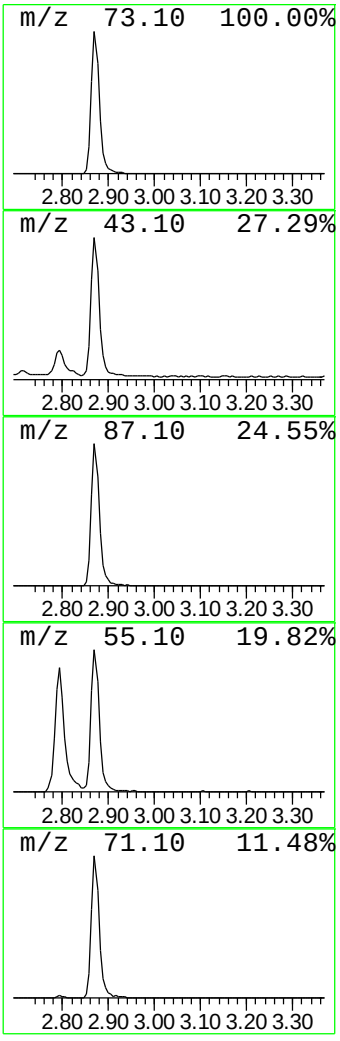
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	29.57 ng	611274	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB-2015-04-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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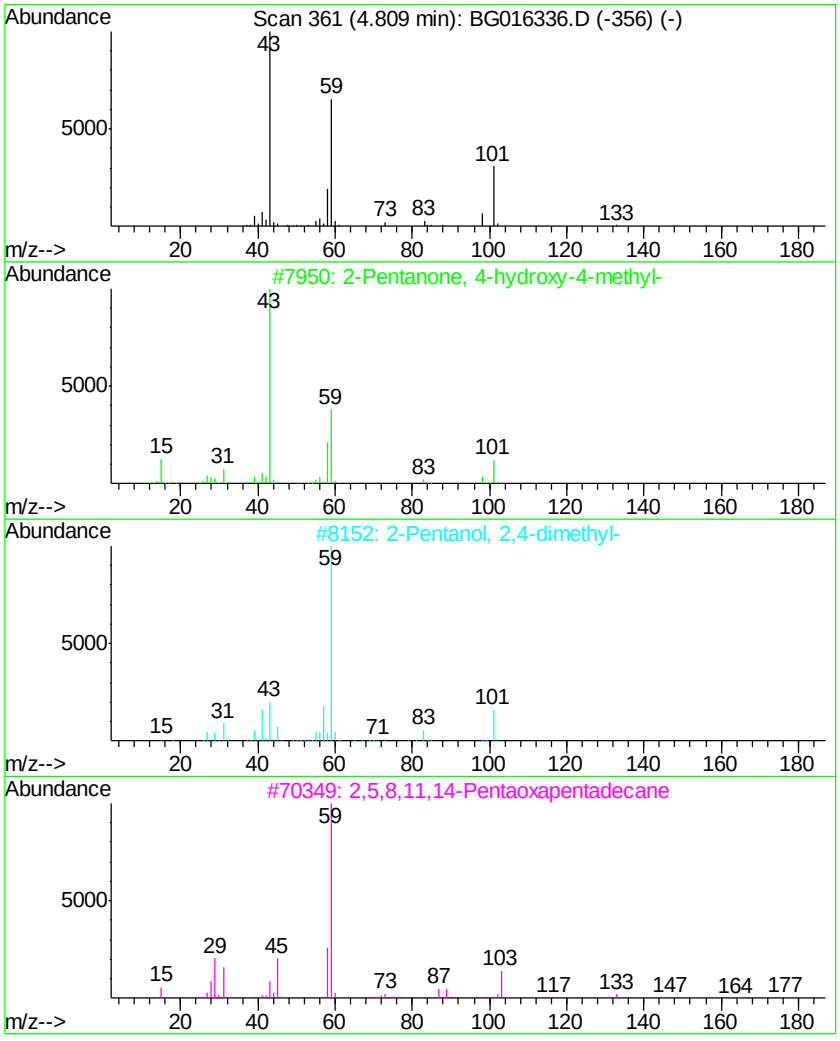
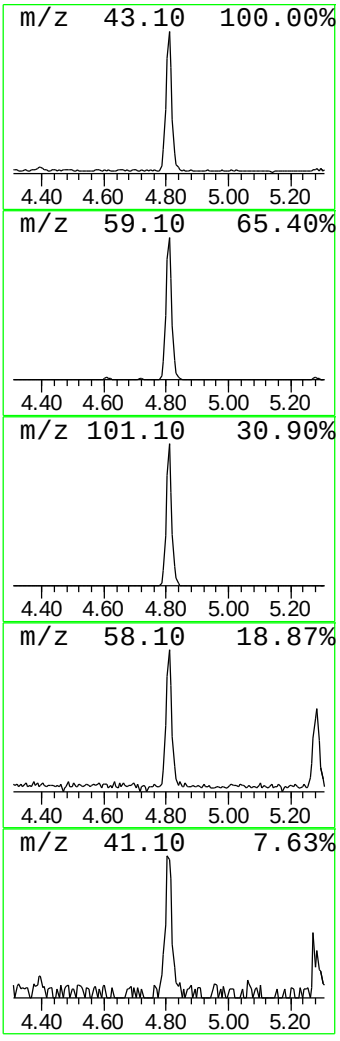
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	5.59 ng	115616	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	37
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	17





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Sample : G1828-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB-2015-04-08

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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TIC Library : C:\DATABASE\NIST02.L
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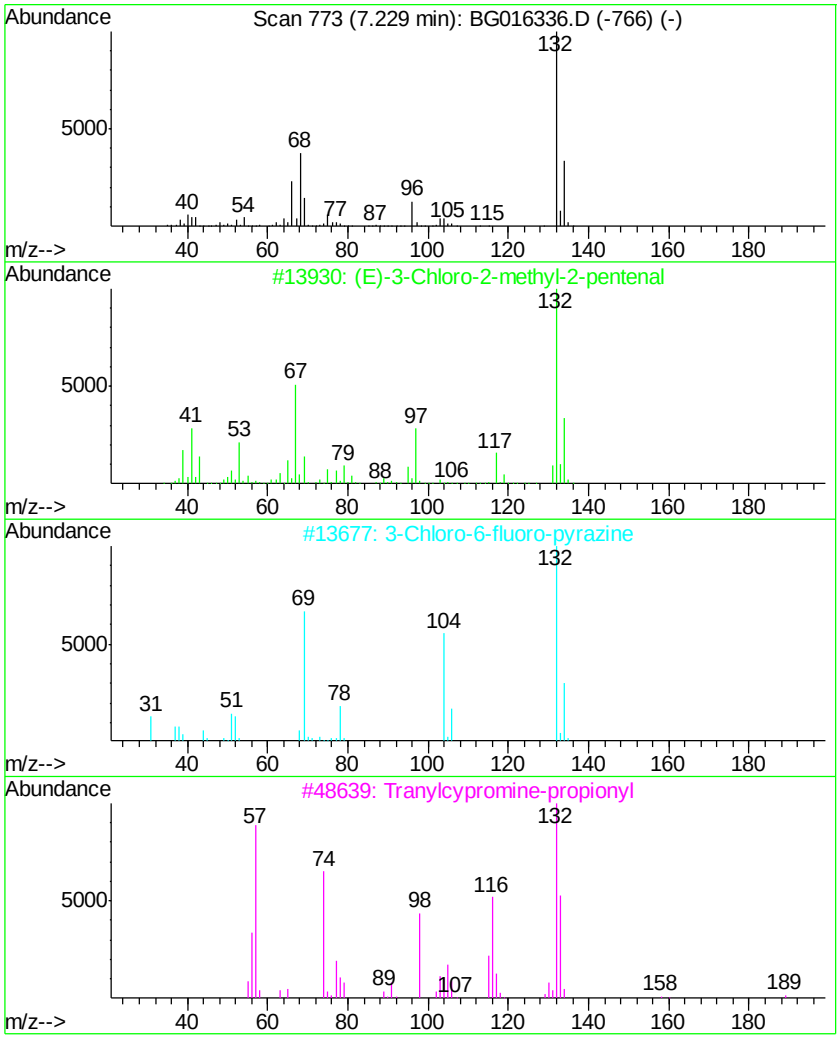
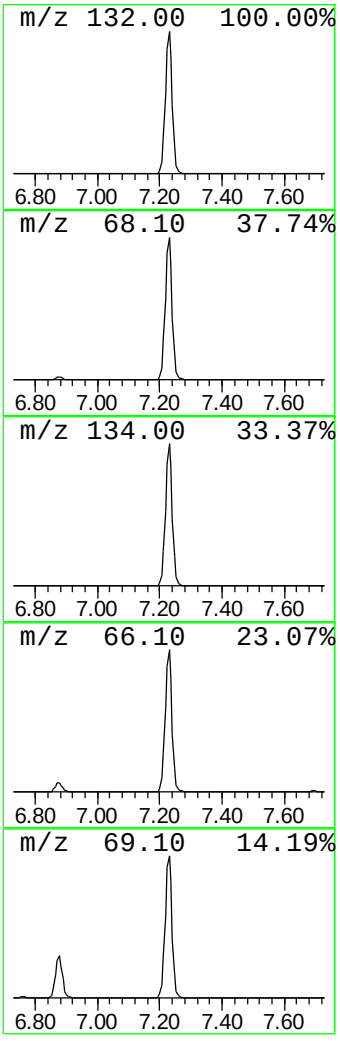
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	82.73 ng	1710160	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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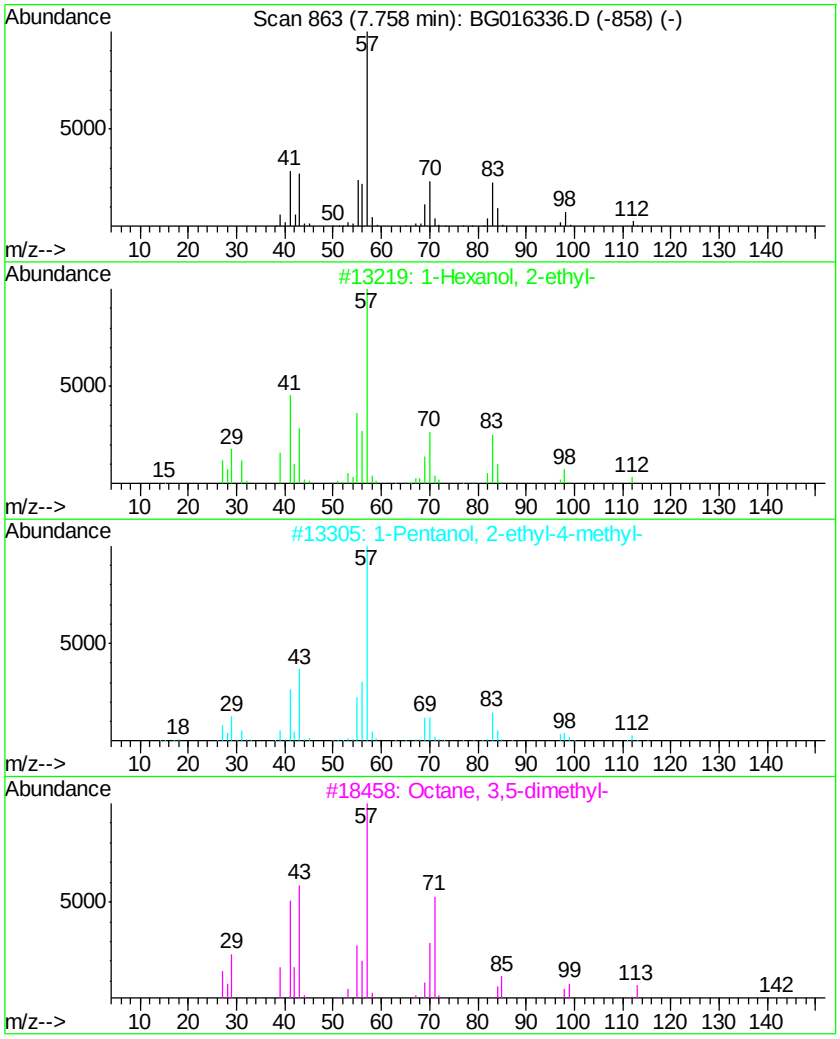
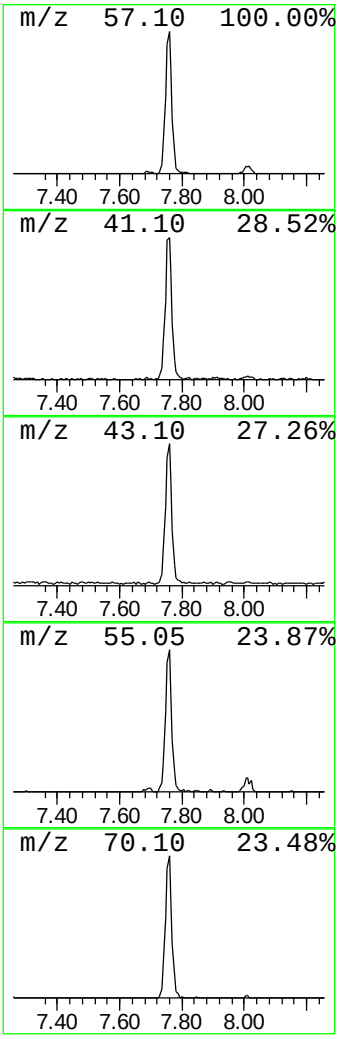
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	13.94 ng	288080	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	42
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42





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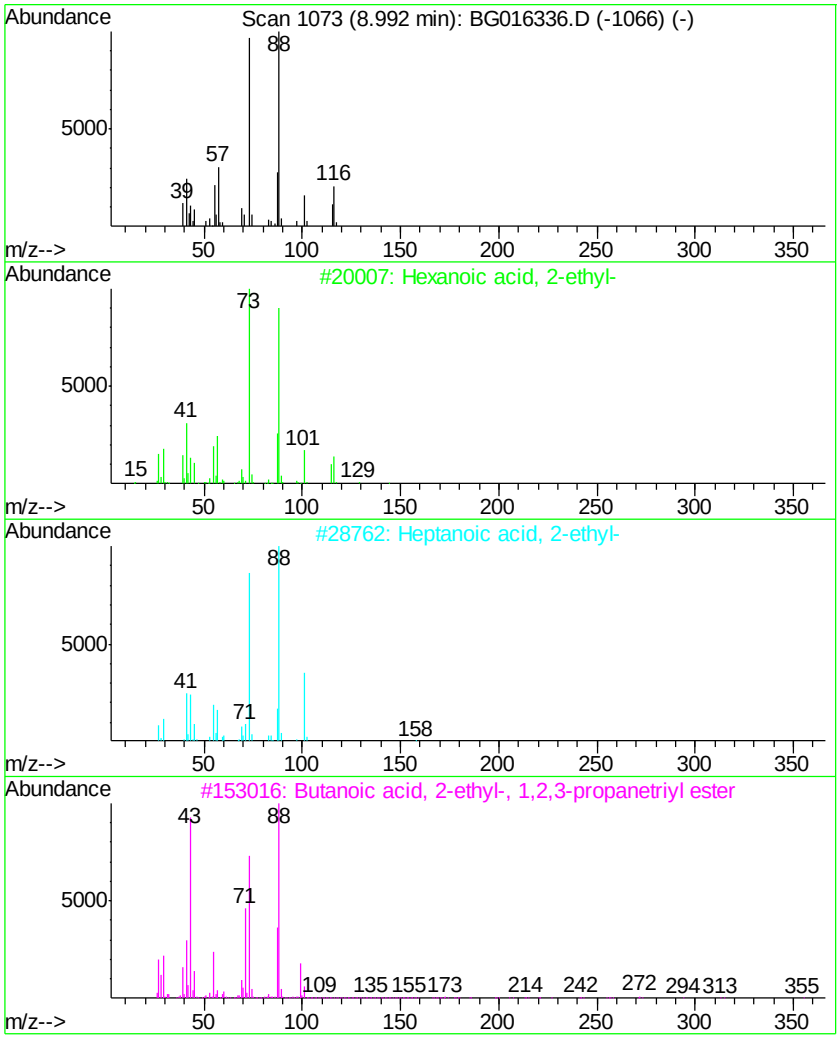
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

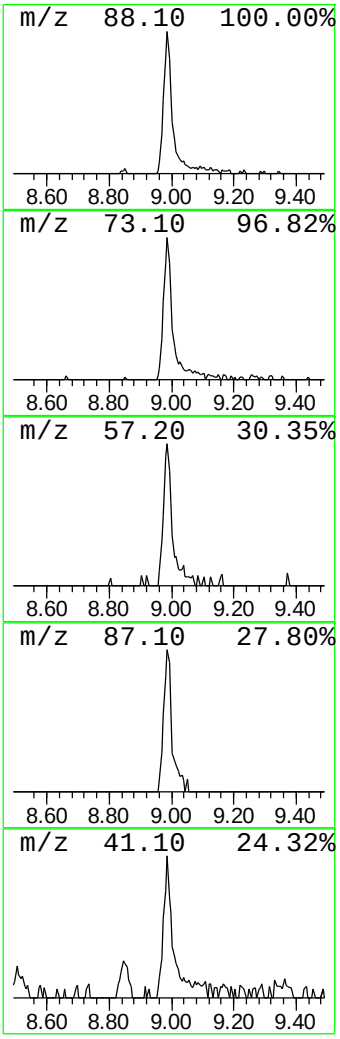
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	3.37 ng	69726	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	32
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	28
5	1,4-Dioxane	88	C4H8O2	000123-91-1	25





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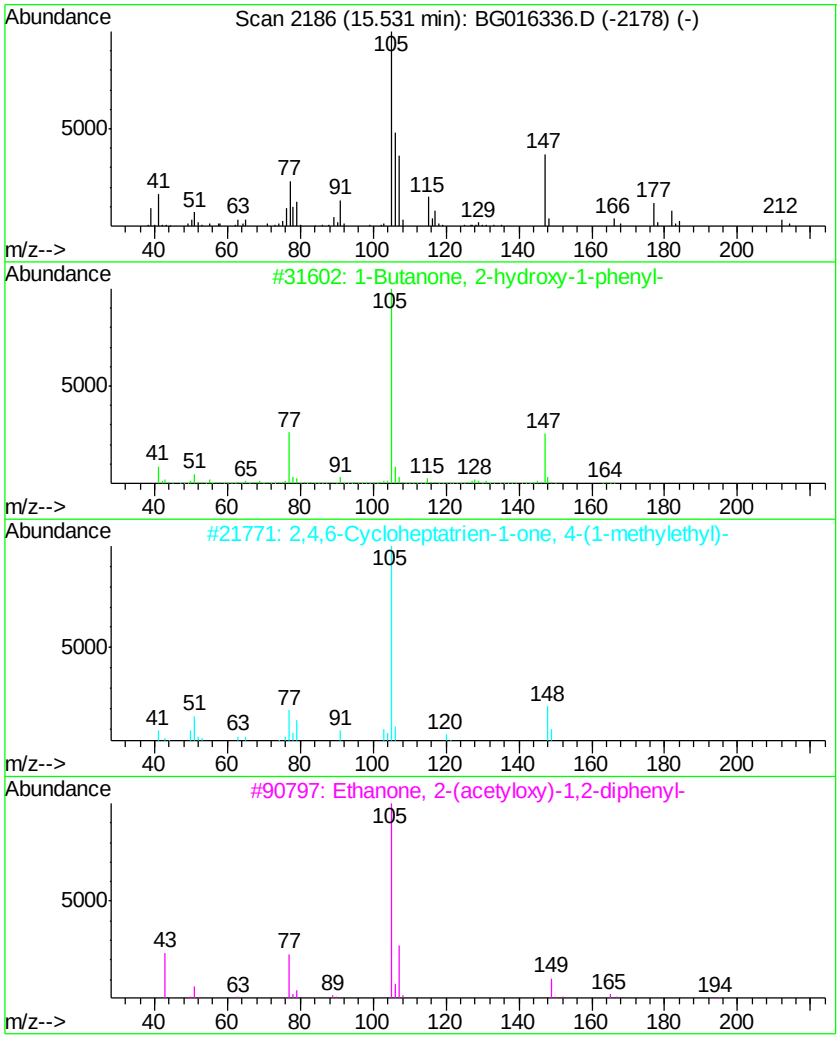
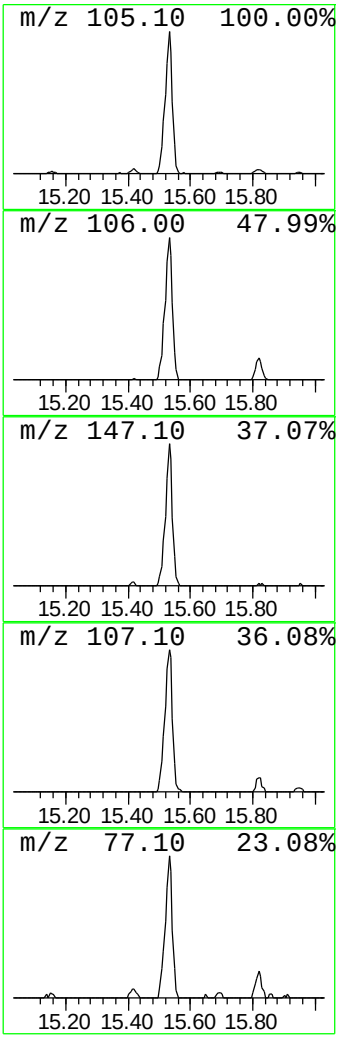
****

Peak Number 9 unknown15.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.67 ng	211823	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	35
2	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	27
3	Ethanone, 2-(acetyloxy)-1,2-diph...	254	C16H14O3	000574-06-1	27
4	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	27
5	Benzamide, N-butyl-	177	C11H15NO	002782-40-3	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	29.6	ng	611274	1	7.69	413439	20.0
2-Pentanone, 4-hy...	4.81	5.6	ng	115616	1	7.69	413439	20.0
unknown7.23	7.23	82.7	ng	1710160	1	7.69	413439	20.0
1-Hexanol, 2-ethyl-	7.76	13.9	ng	288080	1	7.69	413439	20.0
Hexanoic acid, 2-...	8.99	3.4	ng	69726	1	7.69	413439	20.0
unknown15.53	15.53	4.7	ng	211823	3	14.33	906286	20.0