LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087150.D
Acq On : 18 May 2016 18:20
Operator : UM/SJ
Sample : H3137-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BERKSHIRE-HOMES

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-BF051716.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	1.713	10	11	70	rVB	4371933	9861488	100.00%	18.607%
2	4.707	270	273	294	rBV	1733861	2906713	29.48%	5.485%
3	5.176	311	314	316	rBV	3934936	4580964	46.45%	8.644%
4	5.564	346	348	355	rVB	172634	237448	2.41%	0.448%
5	6.250	405	408	410	rBV	4158944	4456203	45.19%	8.408%
6	6.353	414	417	419	rBV	4696171	4502230	45.65%	8.495%
7	6.582	434	437	439	rBV	739362	909191	9.22%	1.716%
8	6.730	448	450	453	rBV	3105419	3136399	31.80%	5.918%
9	7.153	484	487	490	rBV	2789935	2882126	29.23%	5.438%
10	7.862	547	549	552	rBV	1218861	1188226	12.05%	2.242%
11	8.948	641	644	646	rBV	4436818	4610486	46.75%	8.699%
12	9.348	677	679	681	rBV	544593	486256	4.93%	0.917%
13	9.610	699	702	705	rBV	1466260	1342533	13.61%	2.533%
14	10.056	739	741	743	rBV	176817	140578	1.43%	0.265%
15	10.399	769	771	774	rBV2	2605648	3089467	31.33%	5.829%
16	10.525	780	782	789	rVB	187678	216746	2.20%	0.409%
17	11.085	829	831	834	rBV	1381489	1304455	13.23%	2.461%
18	11.634	877	879	886	rBV	79081	125918	1.28%	0.238%
19	12.674	967	970	972	rBV	4262519	4151581	42.10%	7.833%
20	13.588	1047	1050	1058	rBV	176645	485888	4.93%	0.917%
21	13.714	1058	1061	1063	rBV	1227768	1194811	12.12%	2.254%
22	15.062	1177	1179	1182	rBV	731573	879469	8.92%	1.659%
23	18.388	1466	1470	1481	rVB2	105161	308951	3.13%	0.583%

Sum of corrected areas: 52998127

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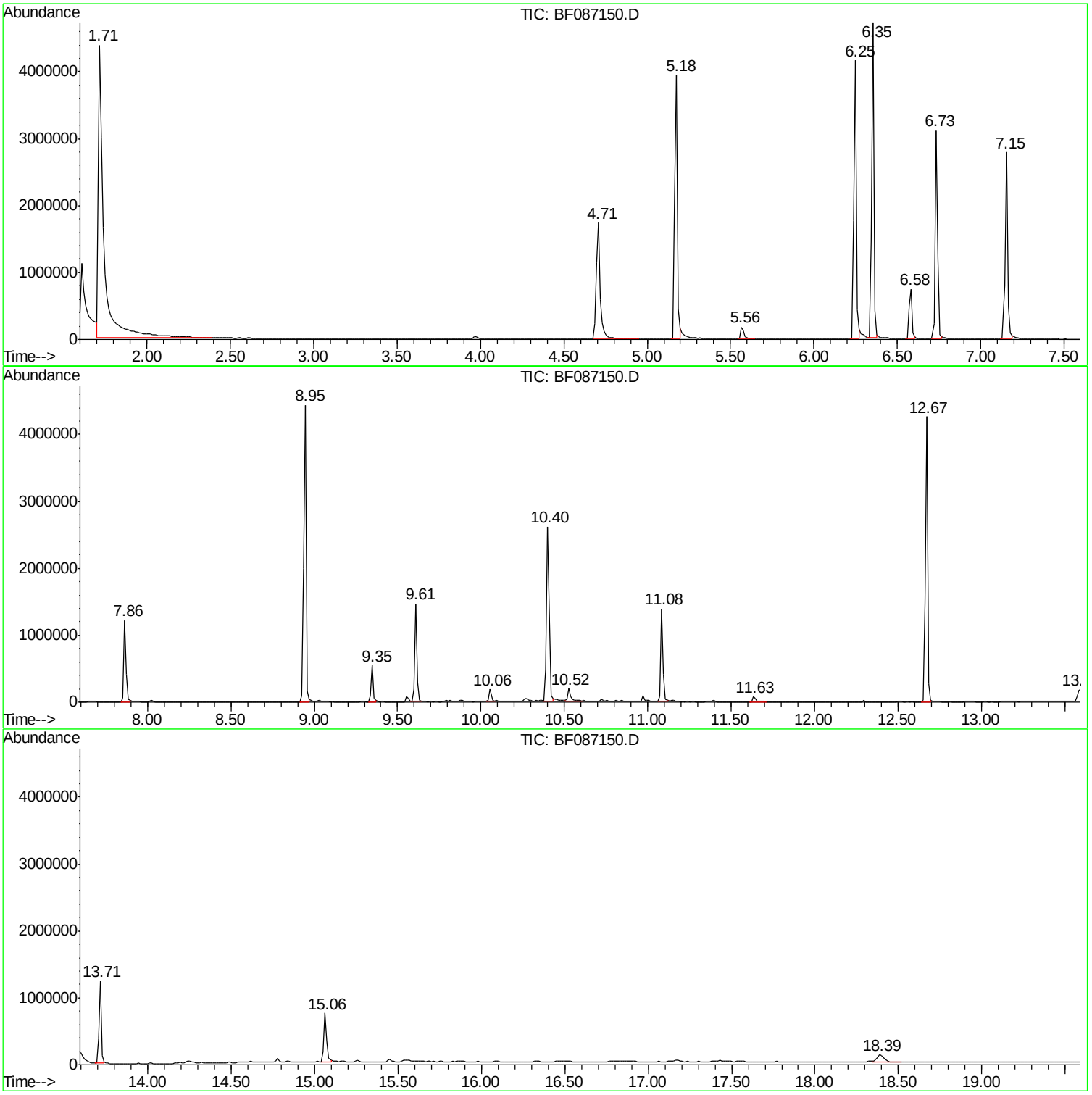
BNA_F
ClientSampleId :
BERKSHIRE-HOMES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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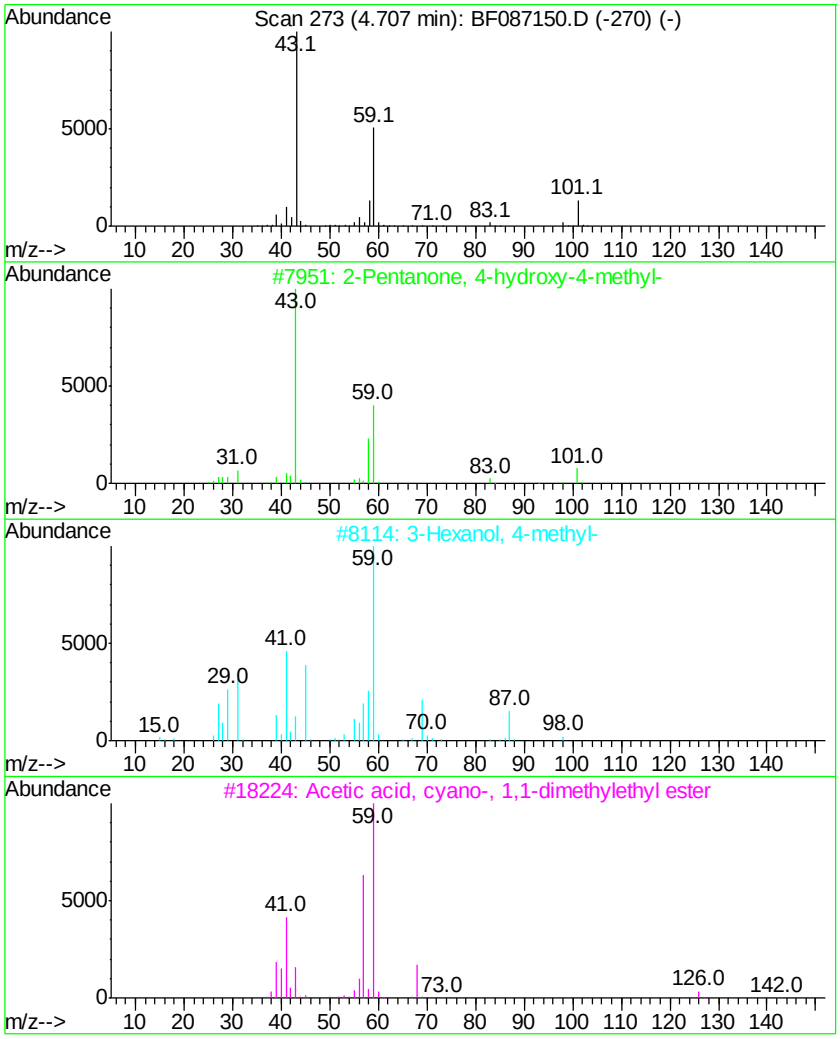
TIC Integration Parameters: LSCINT.P

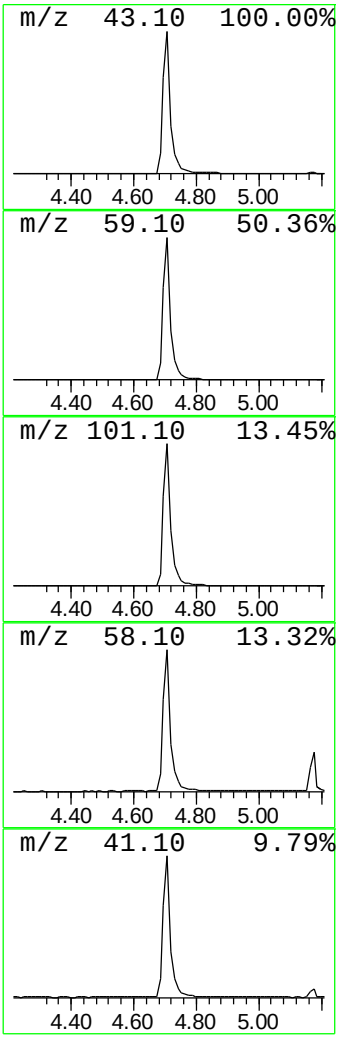
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	63.94 ng	2906710	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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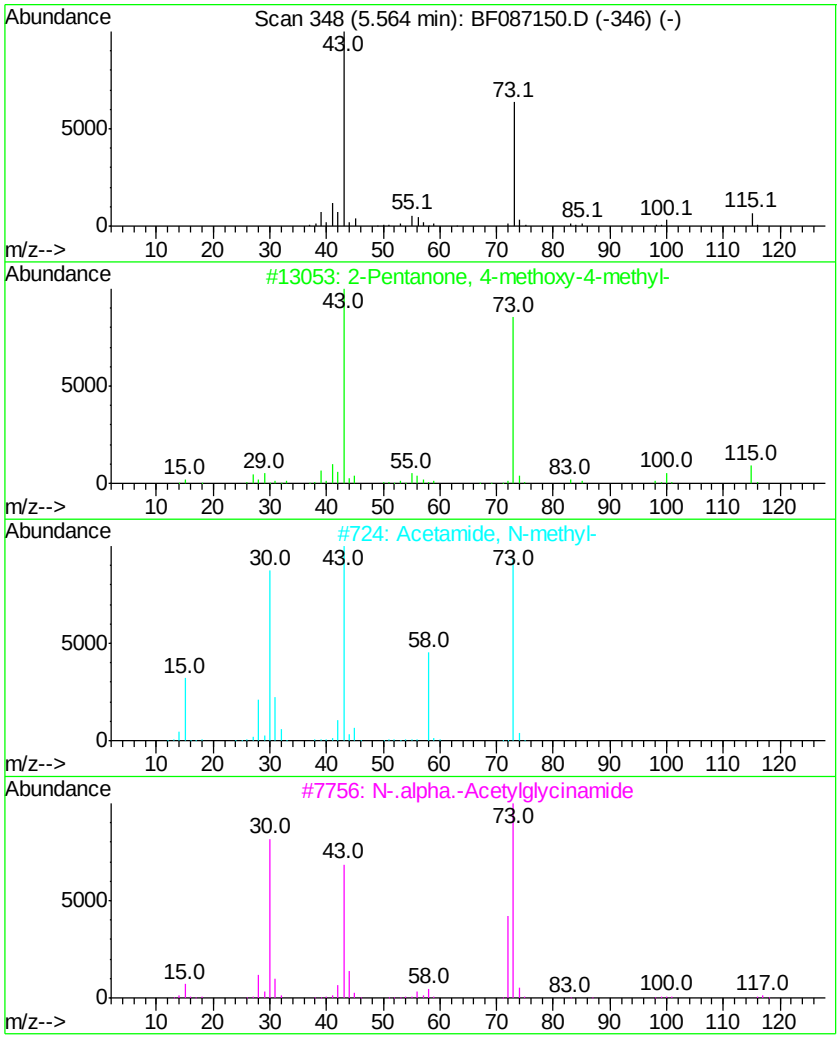
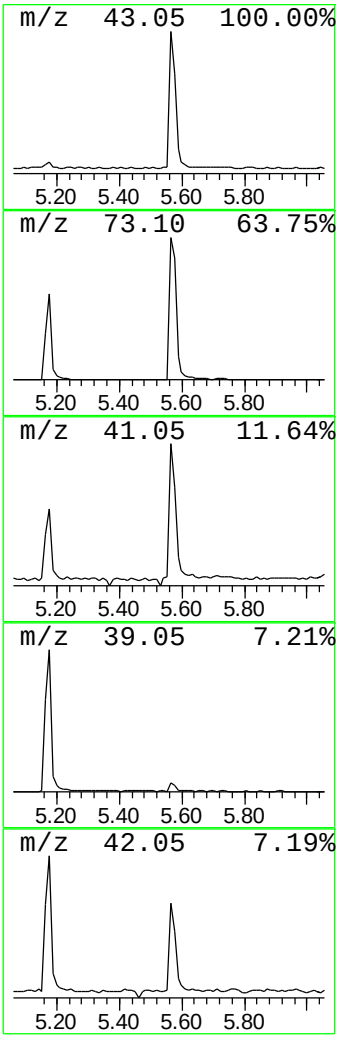
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.22 ng	237448	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	17
4	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	17
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





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Data File : BF087150.D
Acq On : 18 May 2016 18:20
Operator : UM/SJ
Sample : H3137-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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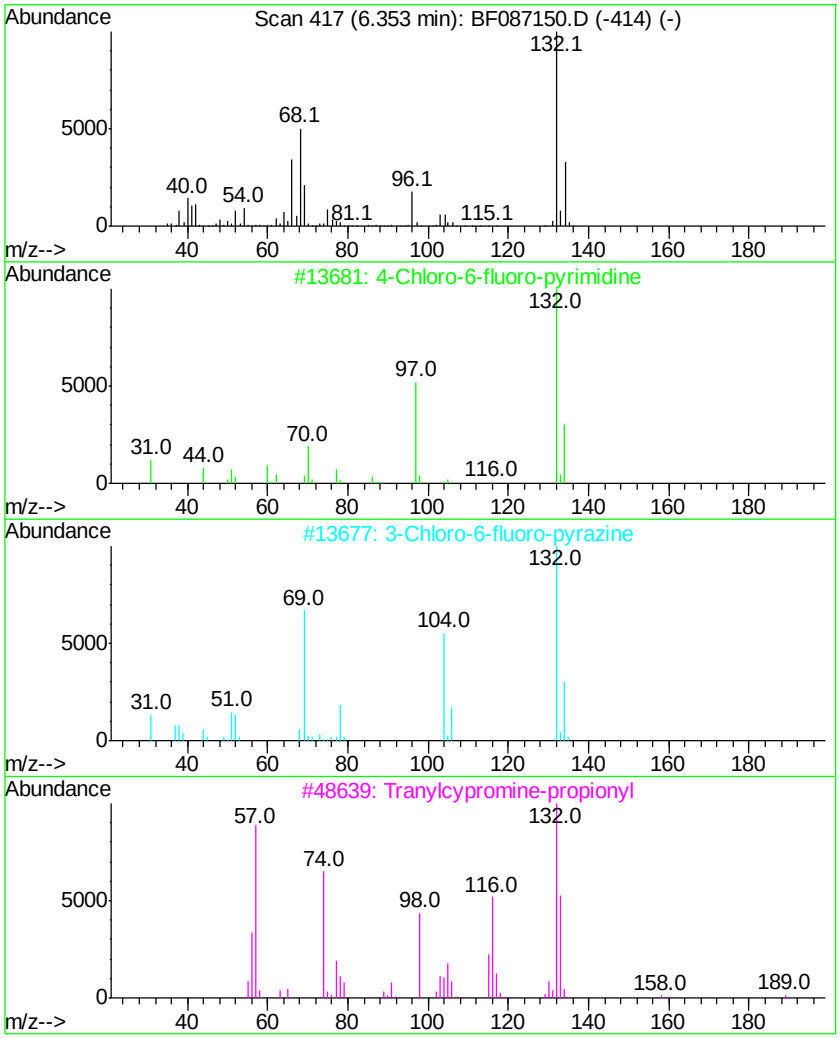
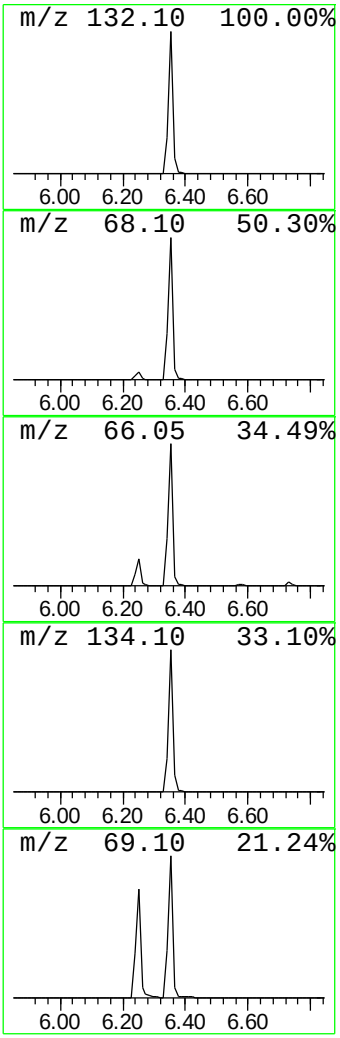
Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	99.04 ng	4502230	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Instrument : BNA_F
ClientSampleId : BERKSHIRE-HOMES

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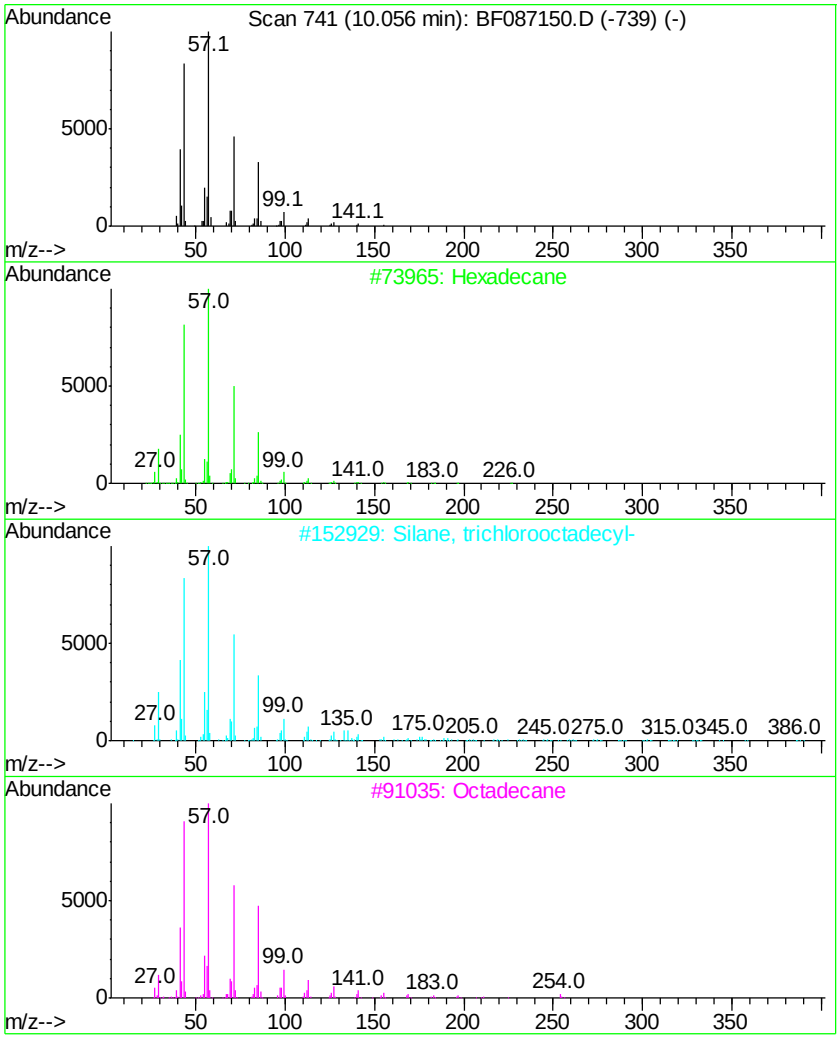
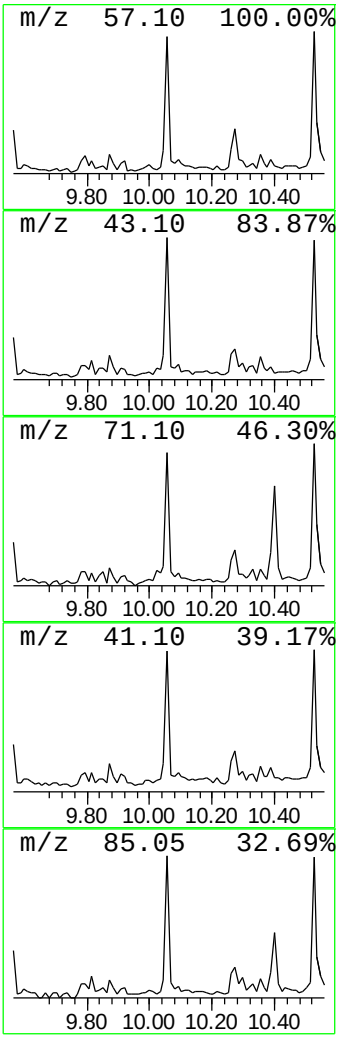
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.09 ng	140578	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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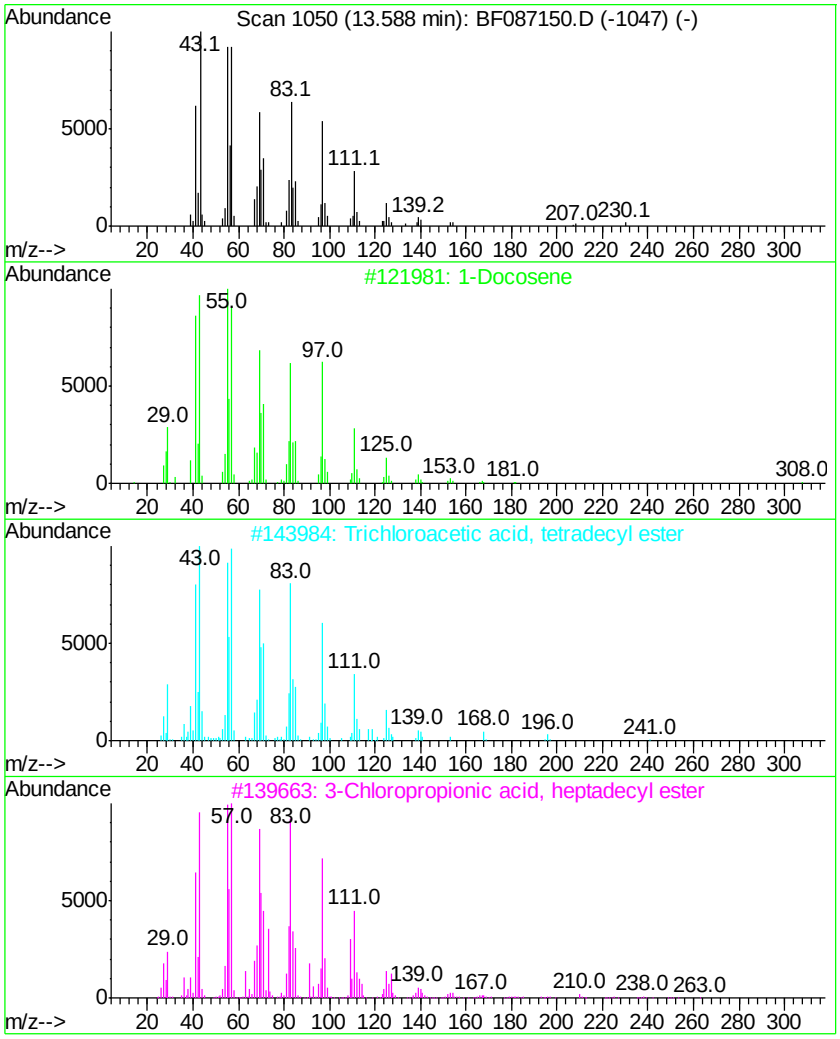
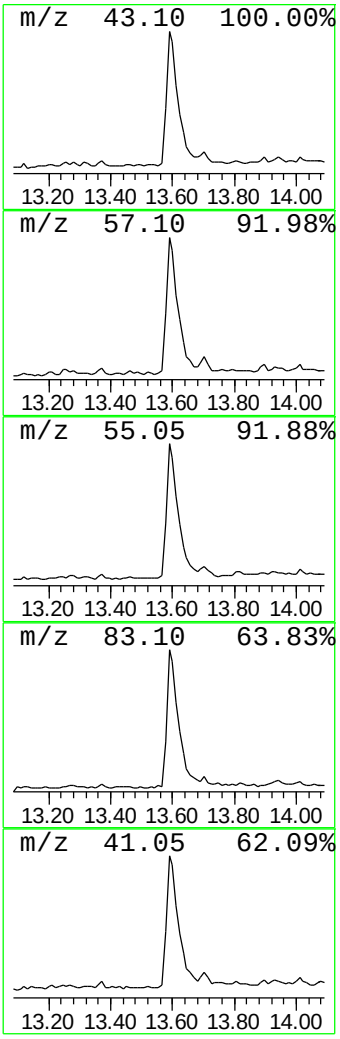
Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	8.13 ng	485888	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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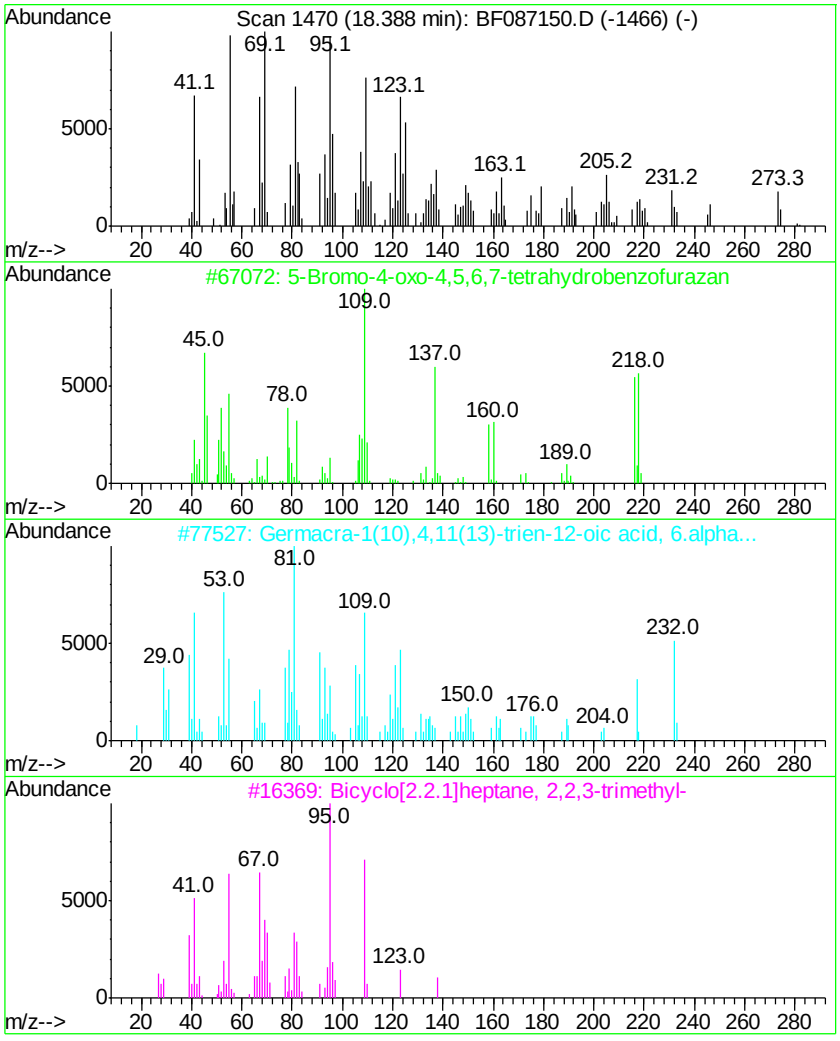
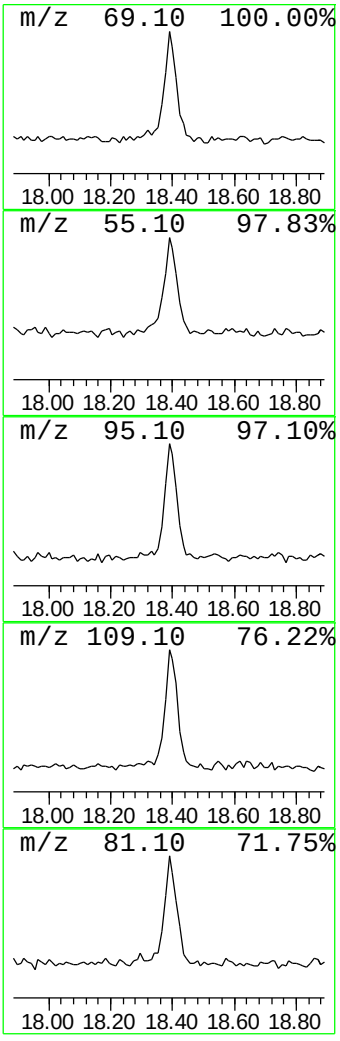
Peak Number 9 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	7.03 ng	308951	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
2	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	46
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	42
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	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-hy...	4.71	63.9	ng	2906710	1	6.58	909191	20.0
2-Pentanone, 4-me...	5.56	5.2	ng	237448	1	6.58	909191	20.0
unknown6.35	6.35	99.0	ng	4502230	1	6.58	909191	20.0
Hexadecane	10.06	2.1	ng	140578	3	9.61	1342530	20.0
1-Docosene	13.59	8.1	ng	485888	5	13.71	1194810	20.0
5-Bromo-4-oxo-4,5...	18.39	7.0	ng	308951	6	15.06	879469	20.0