LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097266.D
Acq On : 2 Aug 2017 10:41
Operator : SJ/JU
Sample : I4512-01RE
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC4RE

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-BF072517.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	2.634	124	127	144	rBV	130107	284483	10.51%	1.346%
2	4.604	458	462	480	rBV	297864	513487	18.98%	2.430%
3	5.069	537	541	559	rBV	2284385	2705876	100.00%	12.804%
4	6.134	718	722	736	rBV	2308424	2649032	97.90%	12.535%
5	6.239	736	740	751	rVB	2719431	2536204	93.73%	12.001%
6	6.463	774	778	789	rBV	696559	608970	22.51%	2.882%
7	6.616	800	804	815	rBV	1930743	1953644	72.20%	9.245%
8	7.034	871	875	878	rBV	1848685	1697613	62.74%	8.033%
9	7.181	897	900	910	rBV	18642	28437	1.05%	0.135%
10	7.681	981	985	992	rBV2	28461	51357	1.90%	0.243%
11	7.745	992	996	1001	rBV	901037	750208	27.73%	3.550%
12	8.828	1175	1180	1183	rBV	2236592	2123257	78.47%	10.047%
13	9.222	1244	1247	1256	rBV	472723	419528	15.50%	1.985%
14	9.492	1289	1293	1300	rVB	675555	630040	23.28%	2.981%
15	9.945	1367	1370	1373	rVB	44320	33022	1.22%	0.156%
16	10.275	1423	1426	1436	rBV	963762	984984	36.40%	4.661%
17	10.416	1447	1450	1457	rBV	59379	64675	2.39%	0.306%
18	10.857	1520	1525	1528	rBV2	29072	29342	1.08%	0.139%
19	10.963	1539	1543	1548	rBV	578763	493283	18.23%	2.334%
20	12.545	1808	1812	1816	rBV	1540532	1382542	51.09%	6.542%
21	13.486	1966	1972	1982	rBV2	40294	100120	3.70%	0.474%
22	13.586	1985	1989	1997	rVB	631358	562193	20.78%	2.660%
23	14.351	2115	2119	2128	rBV	66314	76949	2.84%	0.364%
24	14.933	2213	2218	2223	rBV	356037	424724	15.70%	2.010%
25	15.733	2351	2354	2360	rVB5	18805	28526	1.05%	0.135%

Sum of corrected areas: 21132496

LSC Report - Integrated Chromatogram

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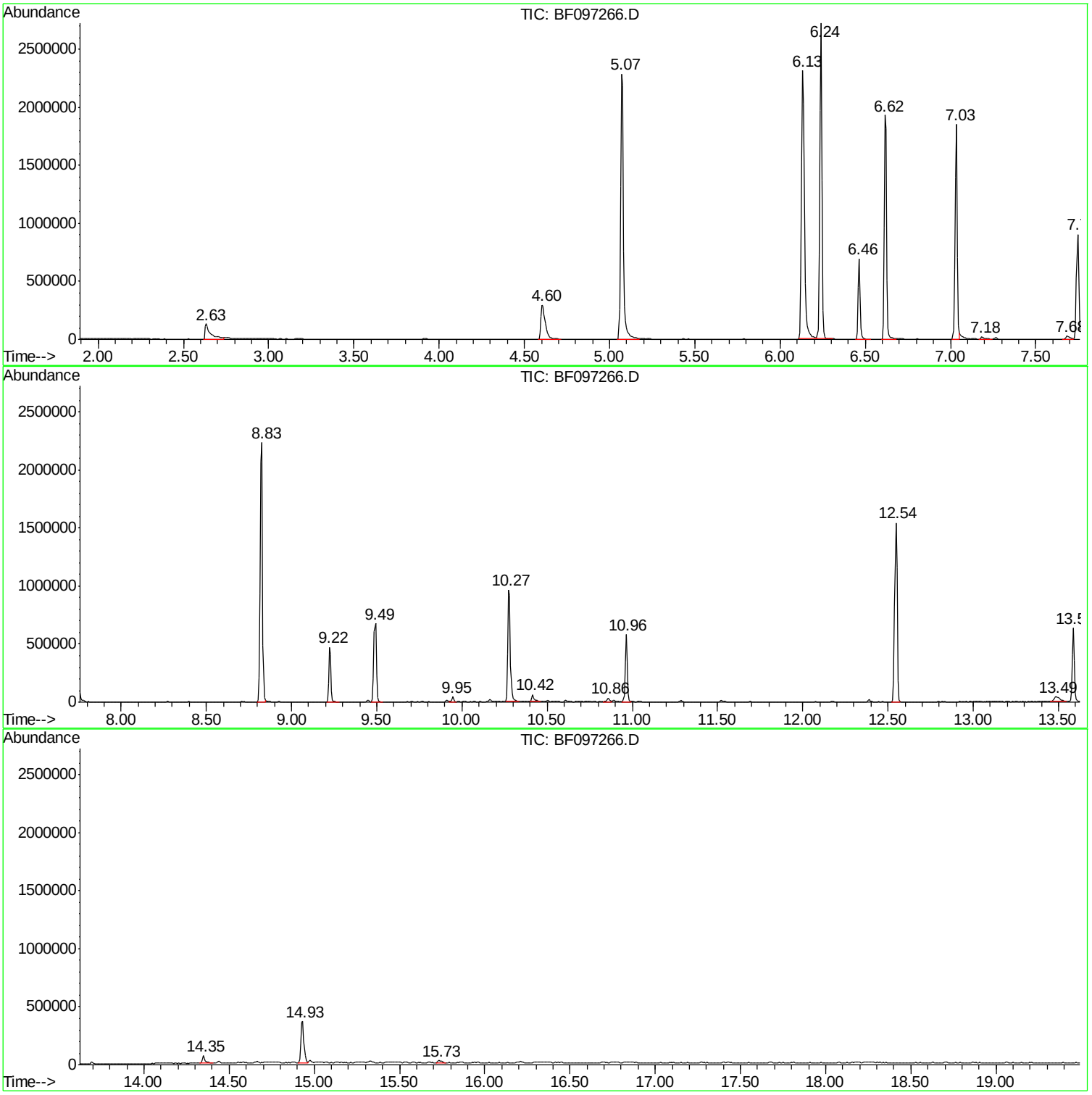
Instrument : BNA_F
ClientSampleId : HDD-PILWC4RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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Data File : BF097266.D
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Instrument : BNA_F
ClientSampleId : HDD-PILWC4RE

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

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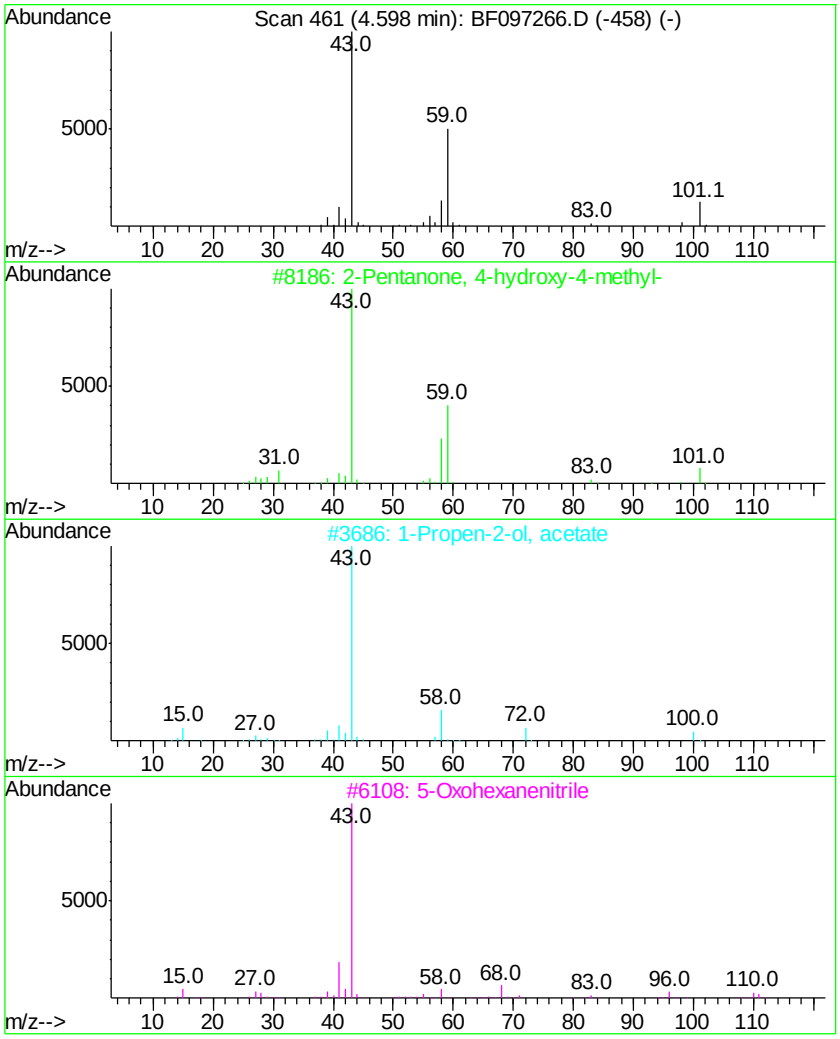
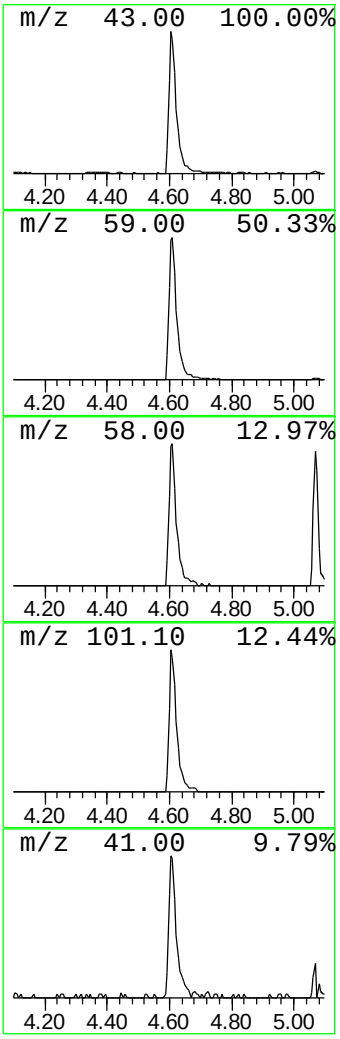
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	16.86 ng	513487	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
4	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	7
5	Acetone	58	C3H6O	000067-64-1	7





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Instrument : BNA_F
ClientSampleId : HDD-PILWC4RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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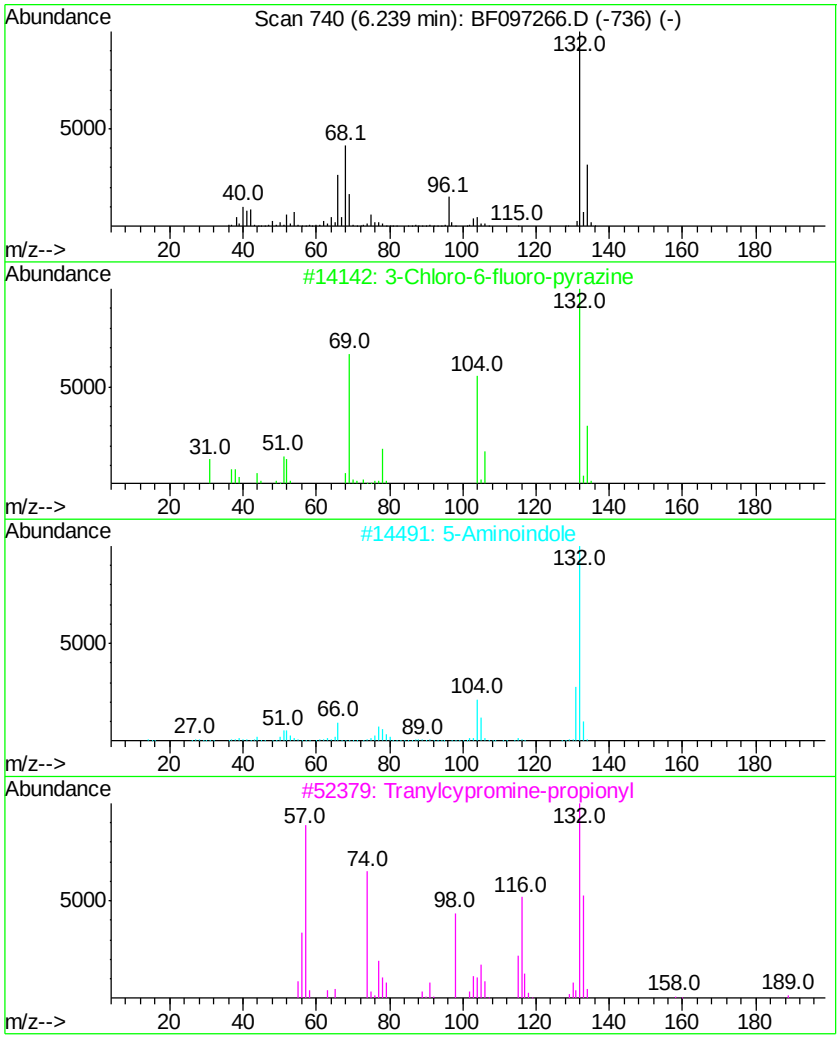
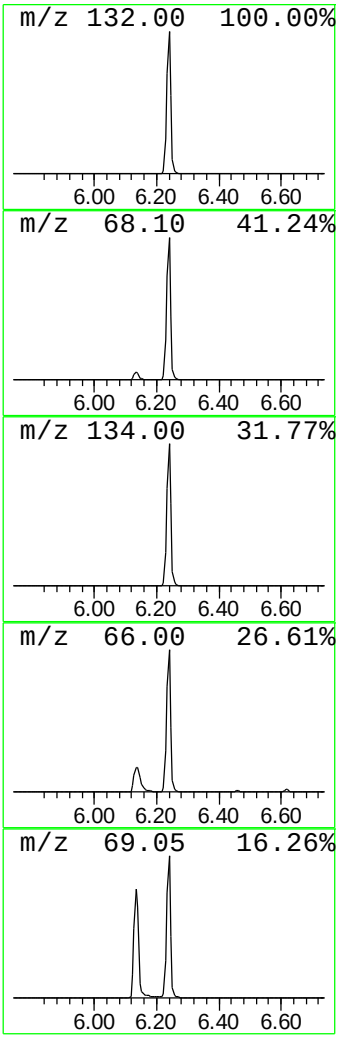
Peak Number 3 unknown6.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	83.29 ng	2536200	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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ClientSampleId : HDD-PILWC4RE

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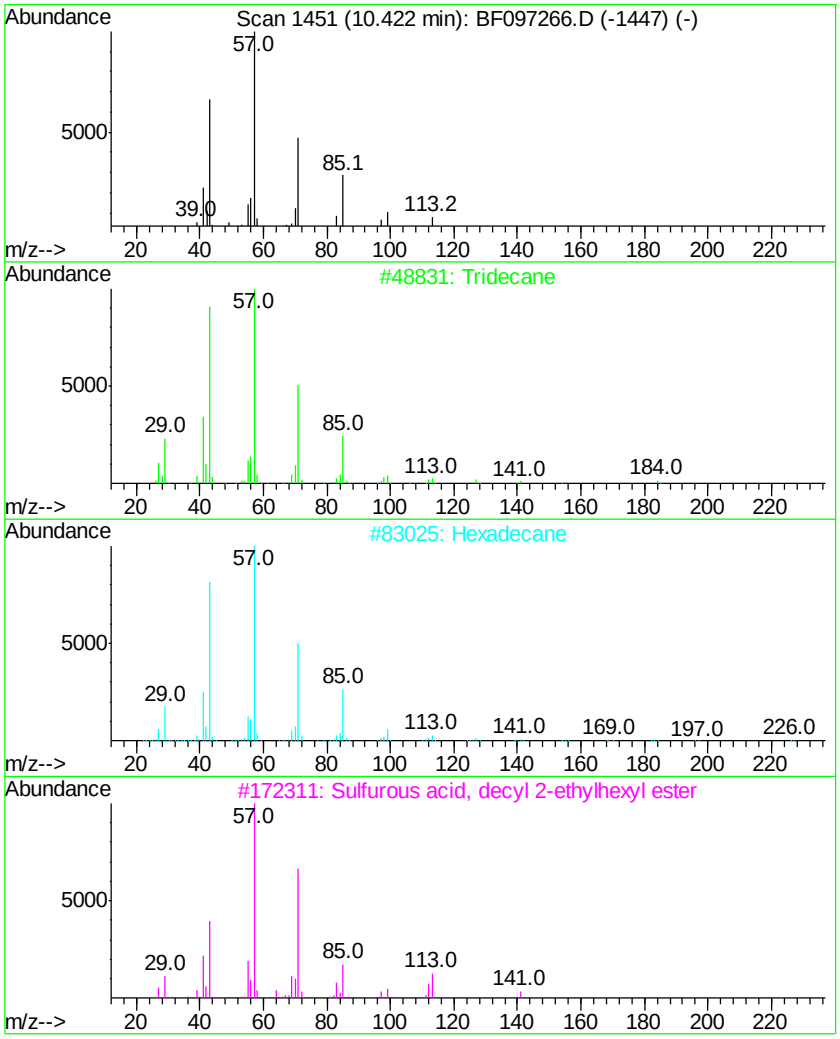
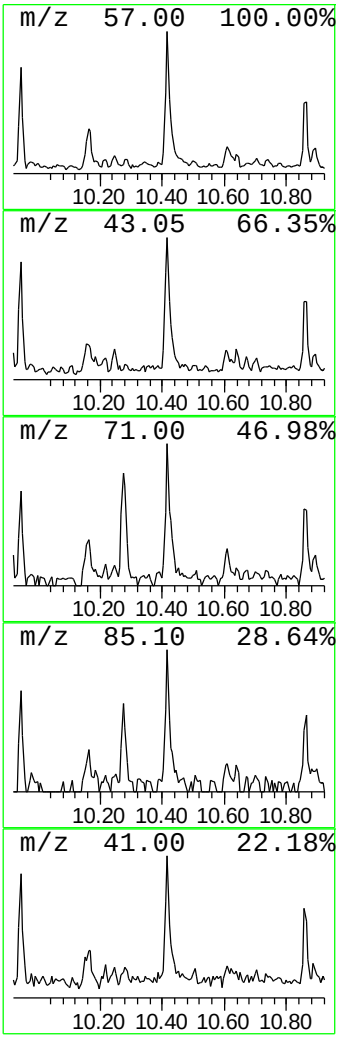
Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.62 ng	64675	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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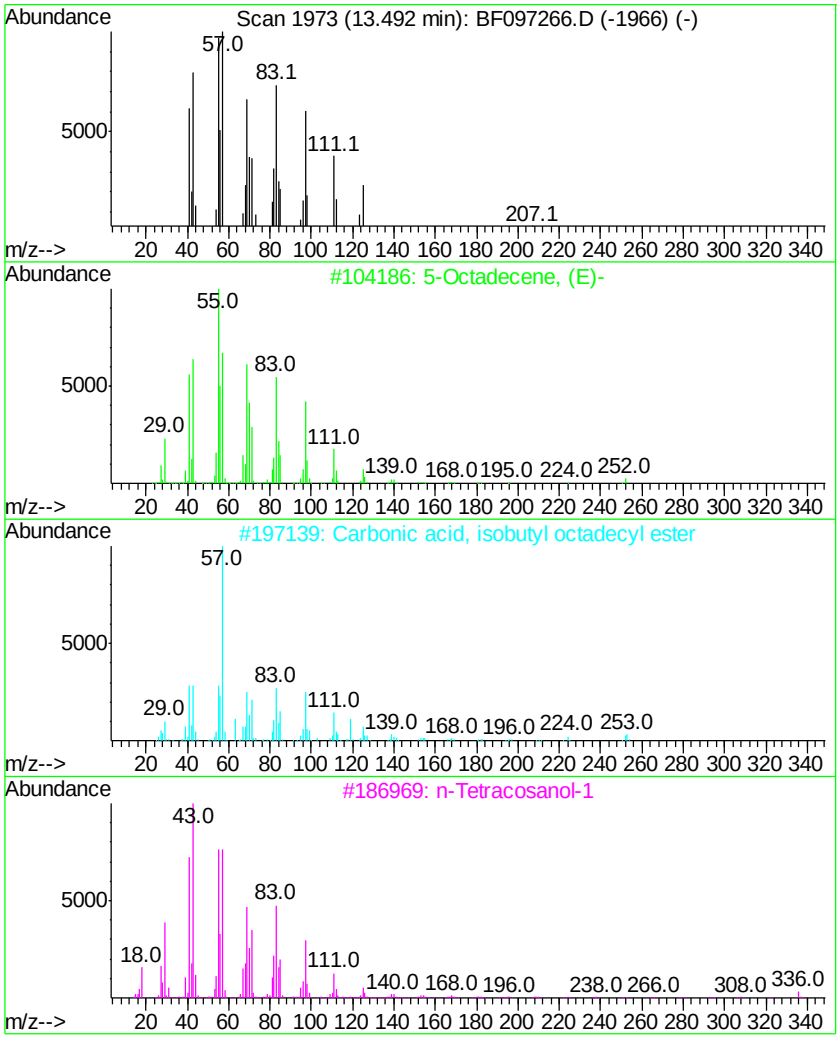
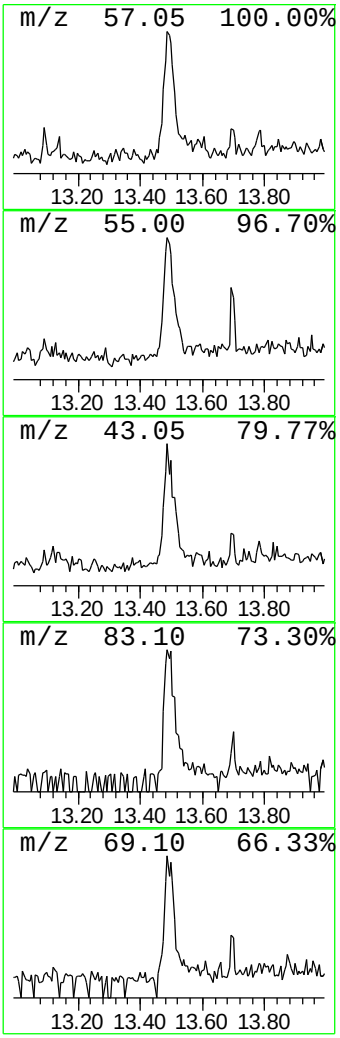
Peak Number 6 5-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.56 ng	100120	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	86
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	80
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	74
4	1-Hexacosanol	382	C26H54O	000506-52-5	64
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	60





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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TIC Integration Parameters: LSCINT.P

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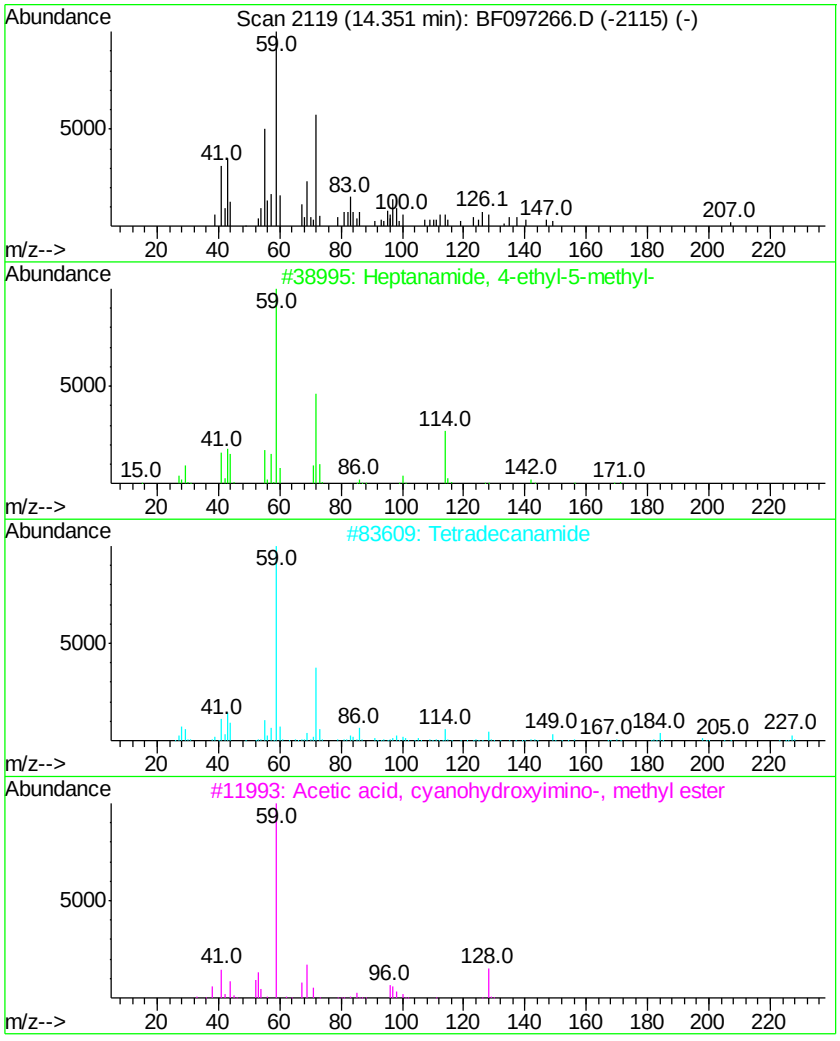
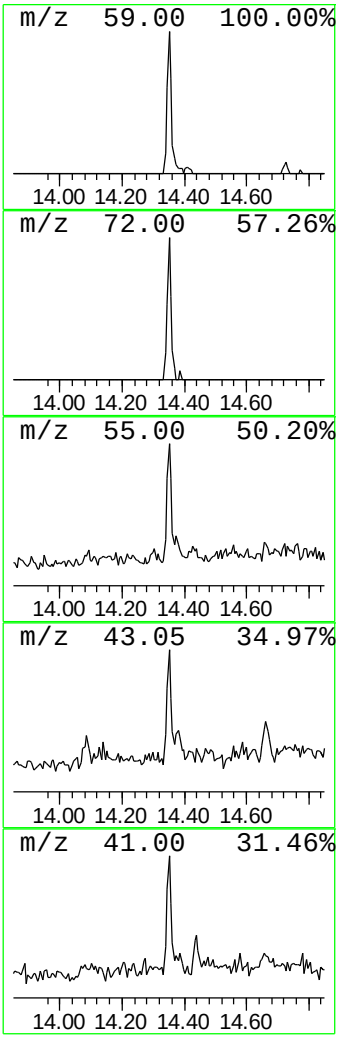
Peak Number 7 Heptanamide, 4-ethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.62 ng	76949	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	47
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	47
5	2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	47





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	16.9	ng	513487	1	6.46	608970	20.0
unknown6.24	6.24	83.3	ng	2536200	1	6.46	608970	20.0
Tridecane	10.42	2.6	ng	64675	4	10.96	493283	20.0
5-Octadecene, (E)-	13.49	3.6	ng	100120	5	13.59	562193	20.0
Heptanamide, 4-et...	14.35	3.6	ng	76949	6	14.93	424724	20.0