LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085418.D
Acq On : 12 Mar 2016 14:04
Operator : UM/SJ
Sample : H1731-26
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30-COMP

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-BF030316.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	5.144	248	250	261	rBV	221327	319978	7.40%	1.031%
2	5.544	282	285	287	rBV	3566314	3841846	88.81%	12.377%
3	6.573	371	375	377	rBV	2775442	4326041	100.00%	13.937%
4	6.710	384	387	389	rBV	3066380	4243894	98.10%	13.672%
5	6.939	404	407	409	rBV	826535	893289	20.65%	2.878%
6	7.099	418	421	423	rBV	2526280	3282362	75.87%	10.575%
7	7.499	453	456	459	rBV	2292223	2507271	57.96%	8.077%
8	8.219	517	519	522	rBV	1313727	1152948	26.65%	3.714%
9	9.305	611	614	616	rBV	2801992	3013431	69.66%	9.708%
10	9.693	646	648	650	rBV	526214	450527	10.41%	1.451%
11	9.911	665	667	669	rBV	71533	59957	1.39%	0.193%
12	9.979	671	673	675	rVB	926672	772202	17.85%	2.488%
13	10.402	707	710	712	rBV	65029	99302	2.30%	0.320%
14	10.631	726	730	731	rBV	32583	46363	1.07%	0.149%
15	10.768	739	742	745	rBV	1590652	1500518	34.69%	4.834%
16	10.882	749	752	759	rVV	111894	131332	3.04%	0.423%
17	11.328	789	791	793	rBV	58003	51312	1.19%	0.165%
18	11.465	801	803	805	rBV	760198	639432	14.78%	2.060%
19	12.871	924	926	928	rBV	165871	132754	3.07%	0.428%
20	12.951	928	933	934	rVB	37294	50700	1.17%	0.163%
21	13.054	939	942	944	rBV	2358070	2137776	49.42%	6.887%
22	13.579	986	988	989	rBV	98555	96028	2.22%	0.309%
23	13.945	1018	1020	1026	rBV	80173	104745	2.42%	0.337%
24	14.105	1031	1034	1036	rBV	662537	581982	13.45%	1.875%
25	15.568	1159	1162	1165	rBV	363581	479966	11.09%	1.546%
26	17.626	1338	1342	1347	rBV6	24502	65120	1.51%	0.210%
27	18.654	1427	1432	1437	rBV9	13218	59201	1.37%	0.191%

Sum of corrected areas: 31040277

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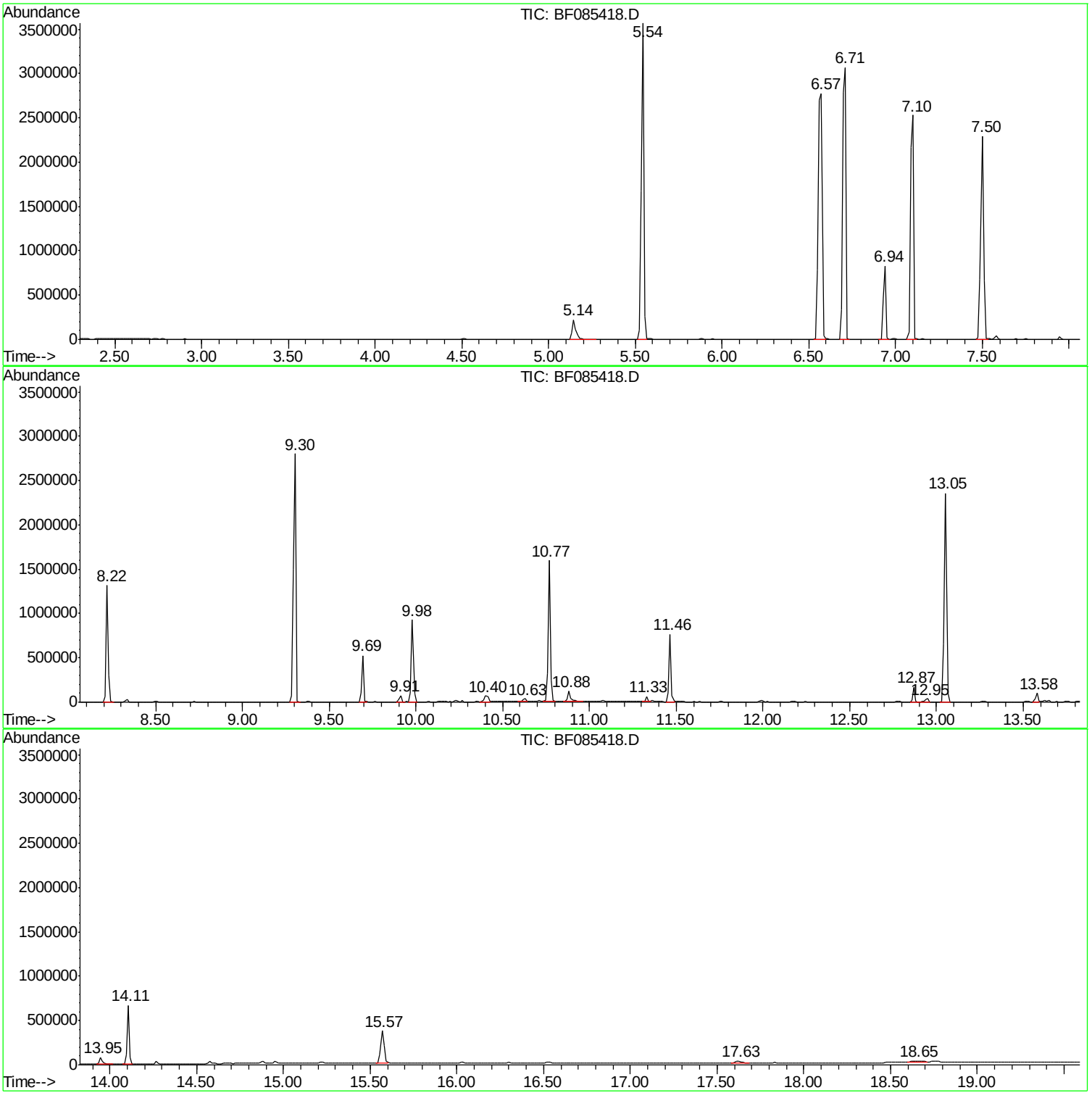
SB-30-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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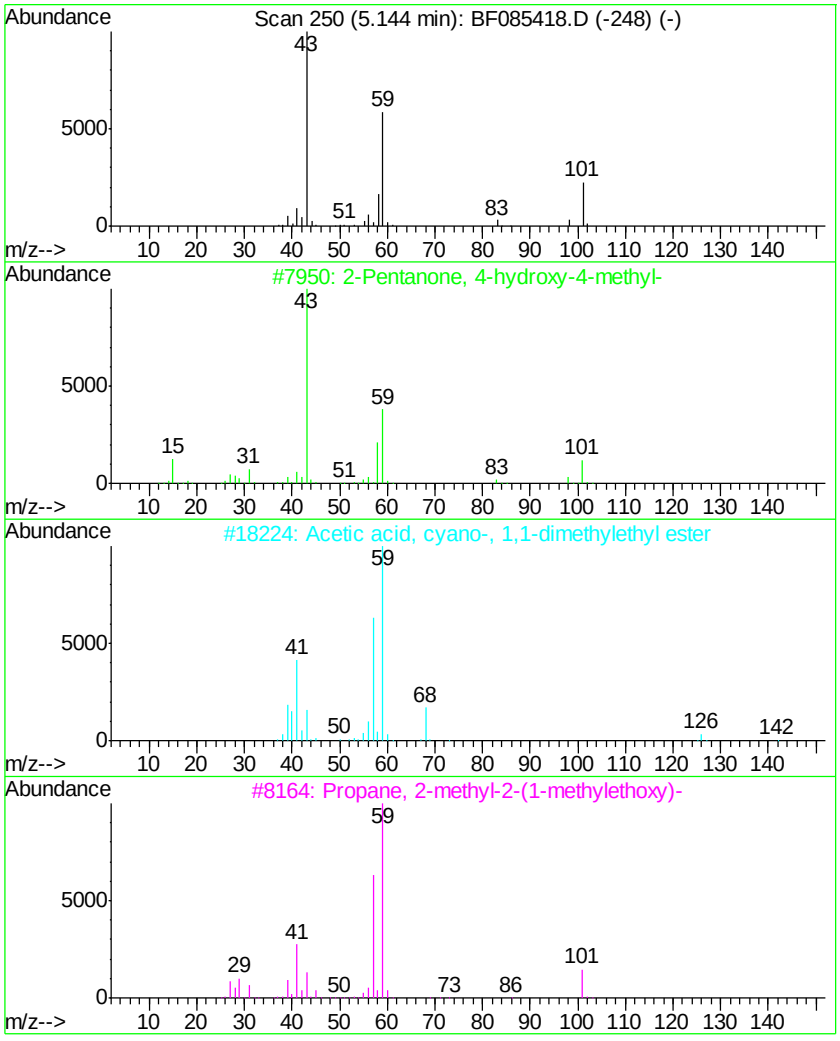
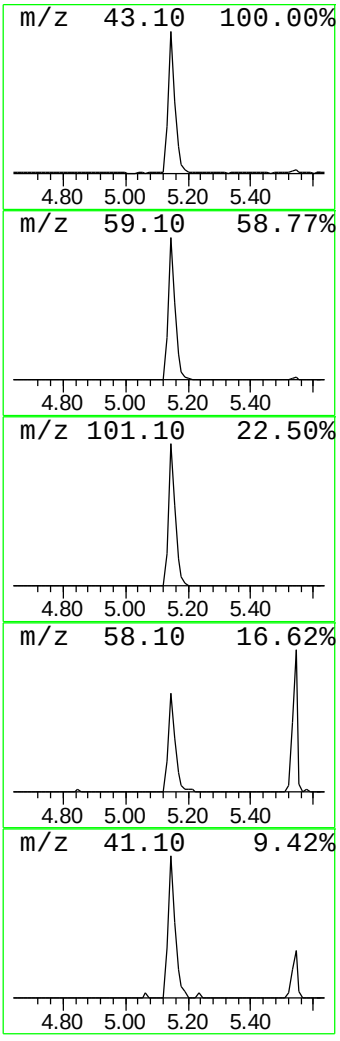
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	7.16 ng	319978	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane	58	C4H10	000106-97-8	9





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Instrument : BNA_F
ClientSampleId : SB-30-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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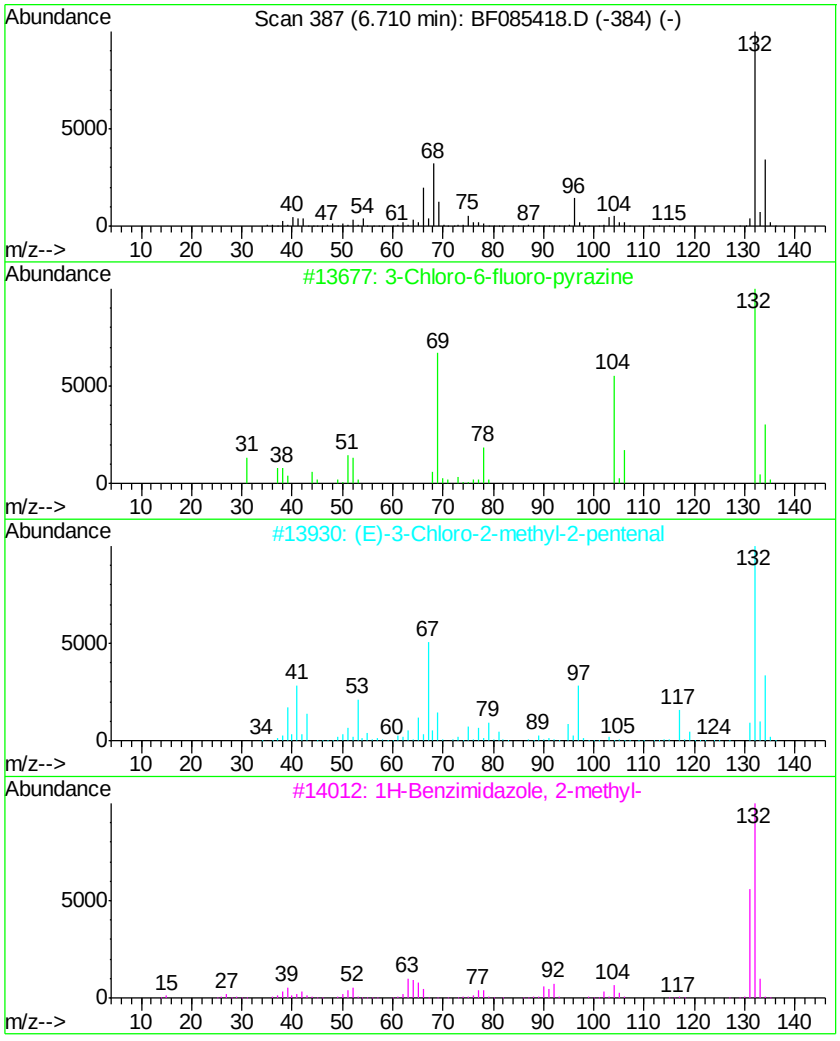
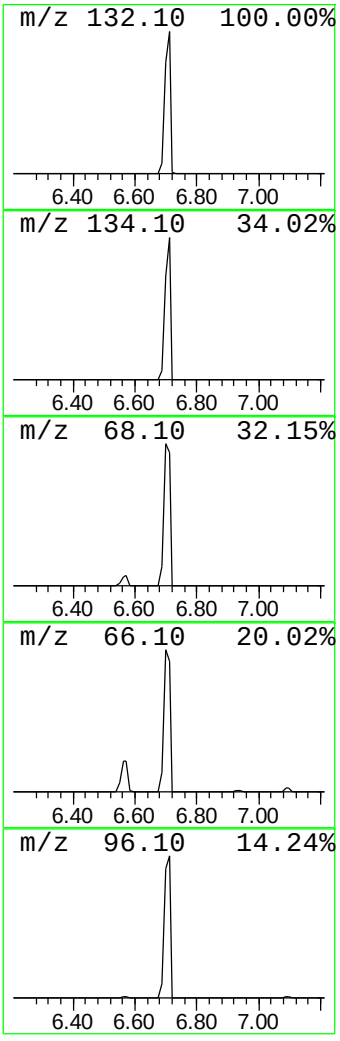
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	95.02 ng	4243890	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : SB-30-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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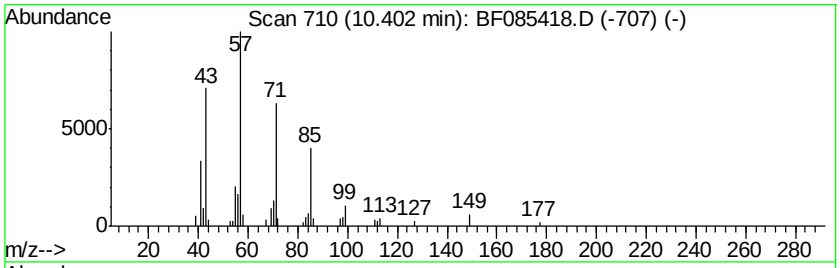
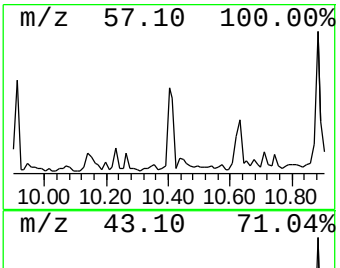
Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.57 ng	99302	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Octadecane	254	C18H38	000593-45-3	78





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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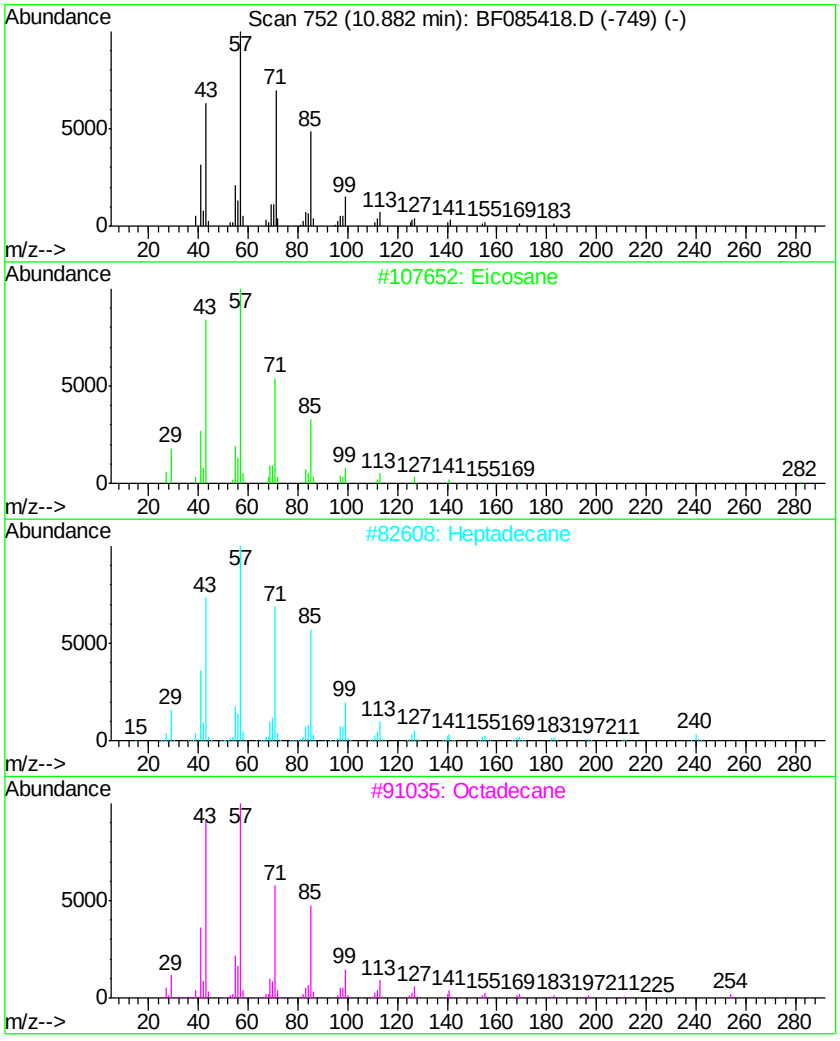
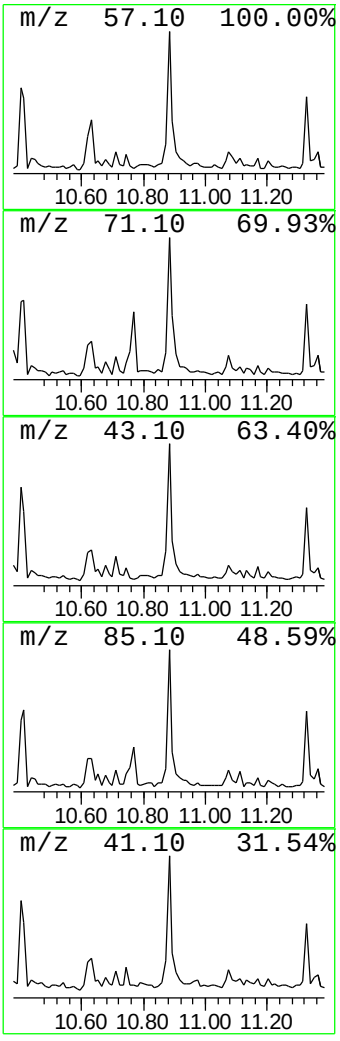
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.11 ng	131332	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Instrument : BNA_F
ClientSampleId : SB-30-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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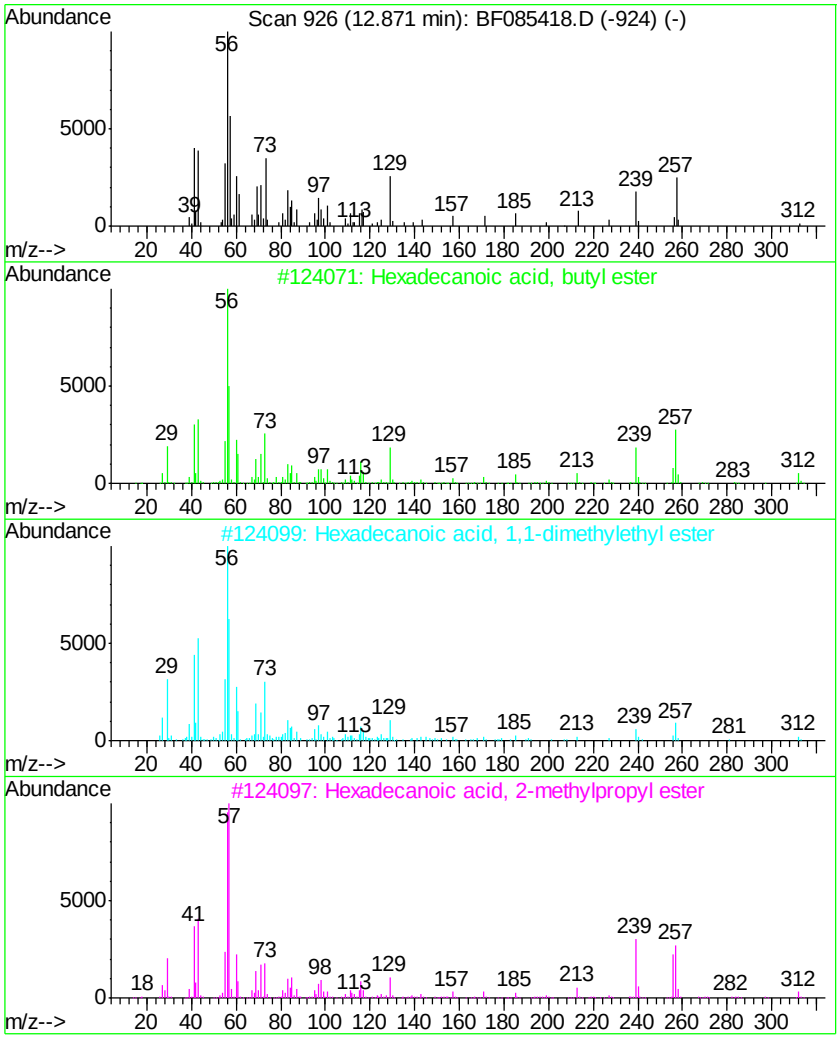
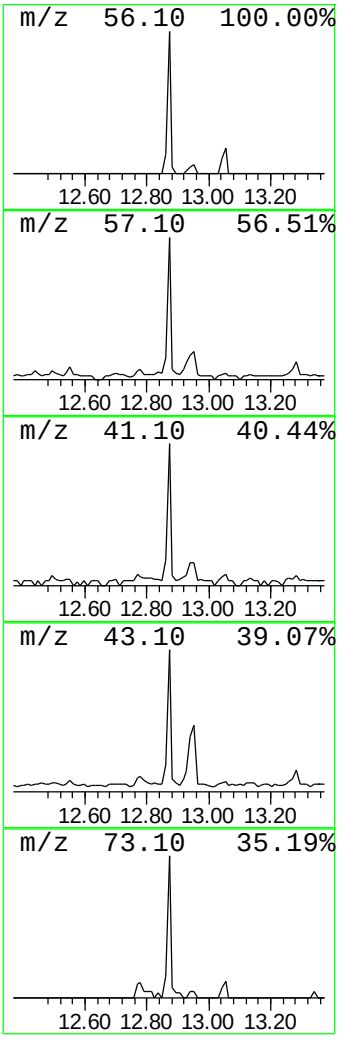
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.56 ng	132754	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35





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TIC Library : C:\DATABASE\NIST02.L
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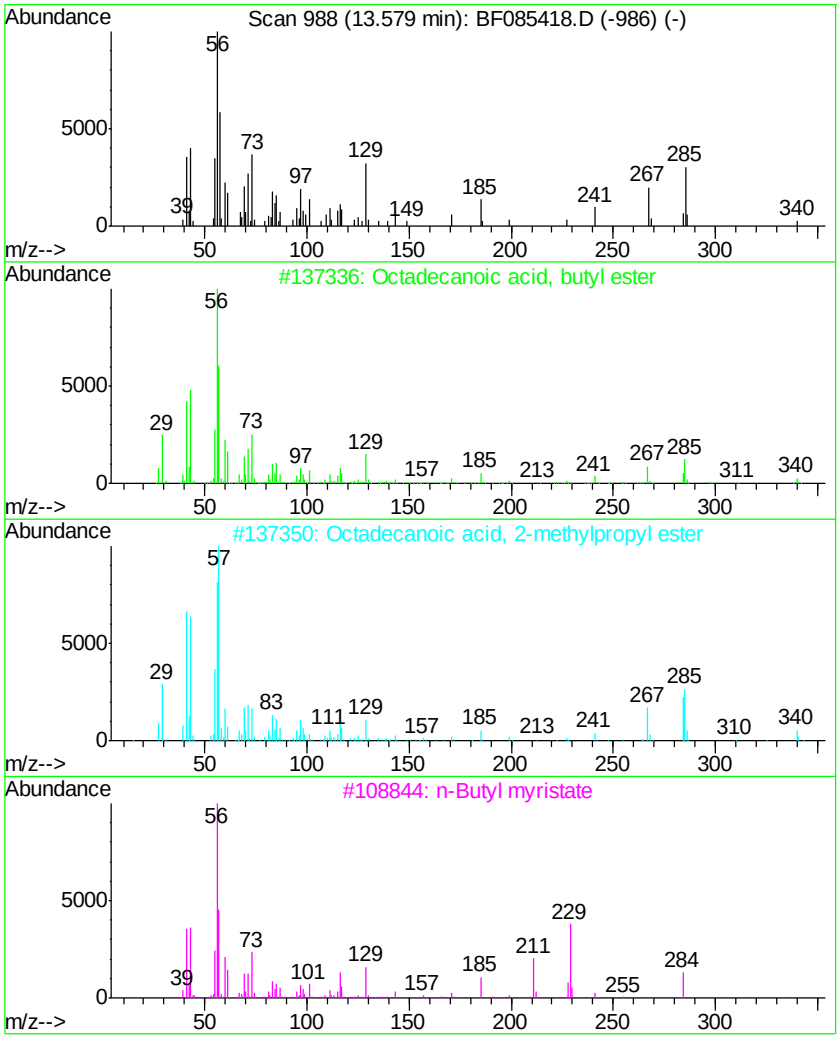
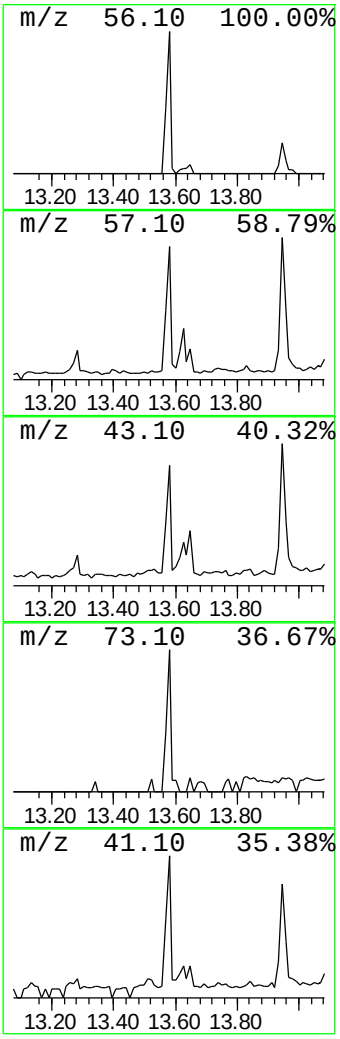
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.30 ng	96028	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	72
3	n-Butyl myristate	284	C18H36O2	000110-36-1	47
4	Nipecotic acid	129	C6H11NO2	000498-95-3	43
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35





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TIC Library : C:\DATABASE\NIST02.L
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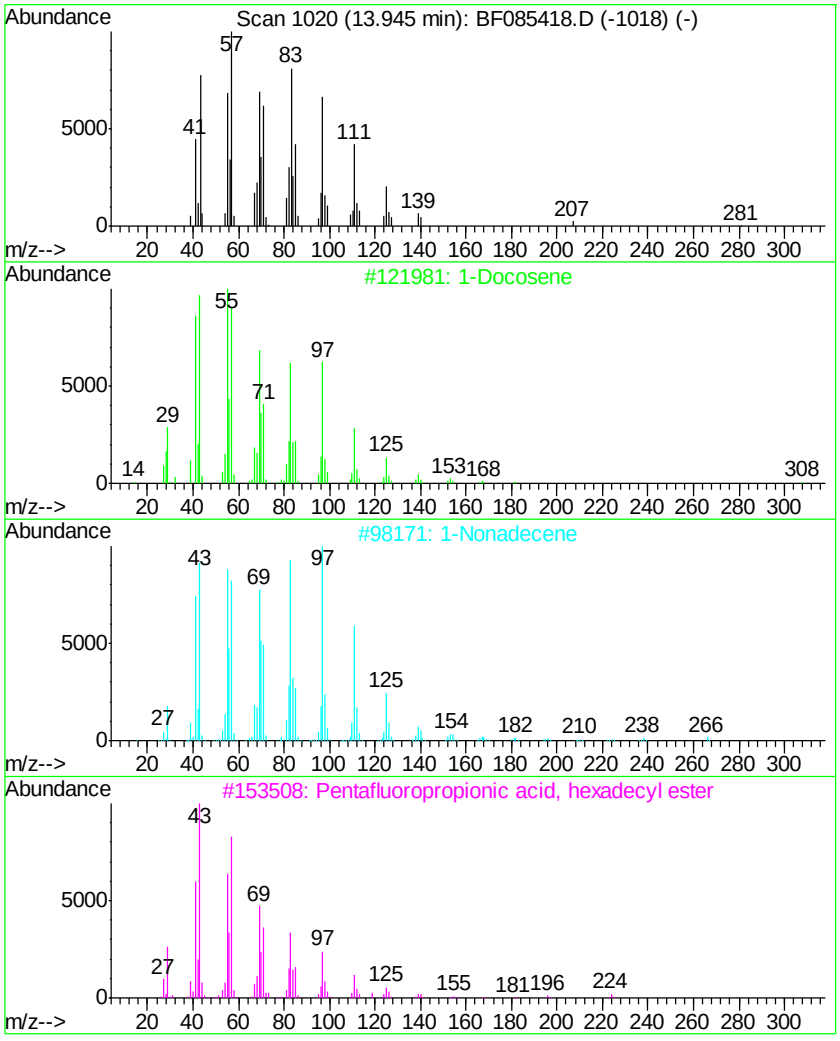
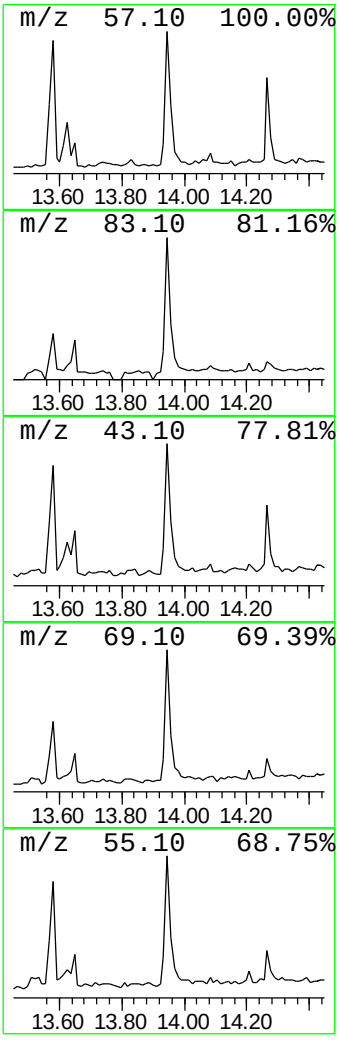
Peak Number 8 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.60 ng	104745	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	87
2	1-Nonadecene	266	C19H38	018435-45-5	81
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	80
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	80
5	1-Tetracosanol	354	C24H50O	000506-51-4	74





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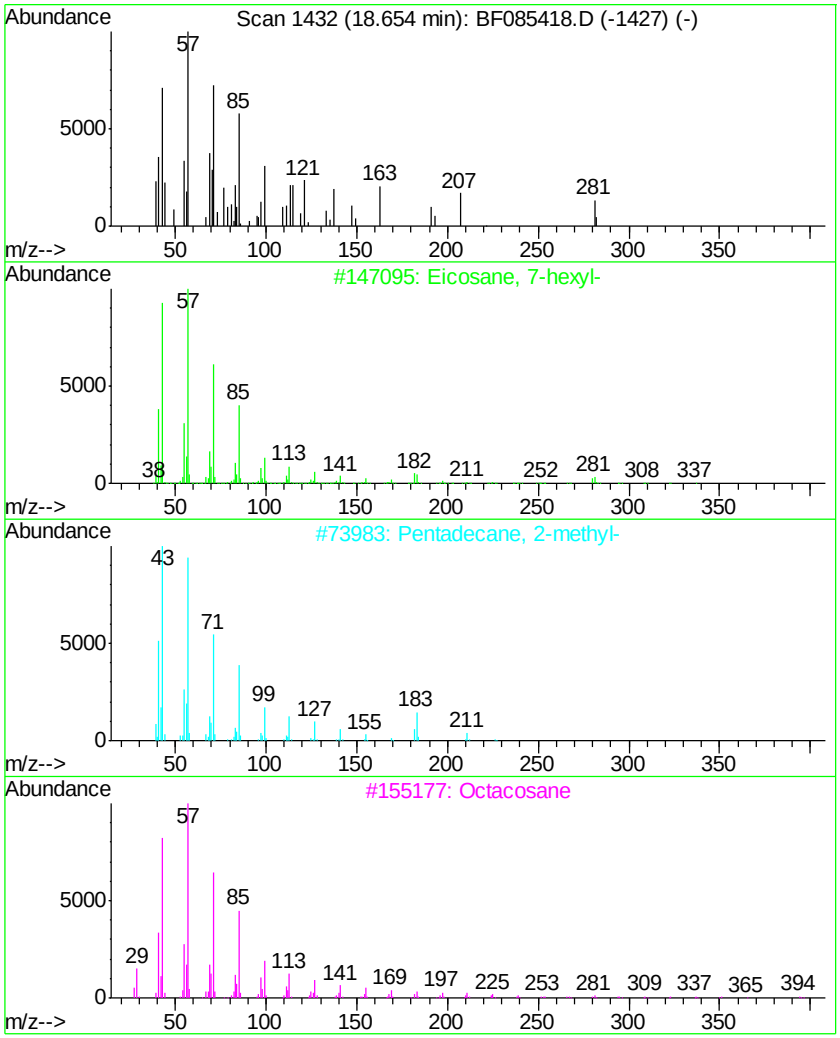
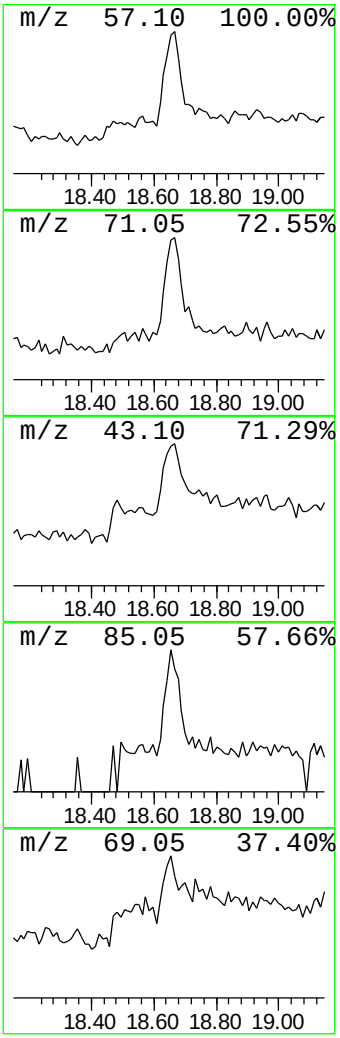
Peak Number 10 Eicosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	2.47 ng	59201	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	50
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	50
3	Octacosane	394	C28H58	000630-02-4	50
4	Pentacosane	352	C25H52	000629-99-2	50
5	Heneicosane	296	C21H44	000629-94-7	47





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	7.2	ng	319978	1	6.94	893289	20.0
unknown6.71	6.71	95.0	ng	4243890	1	6.94	893289	20.0
Decane, 2,3,5-tri...	10.40	2.6	ng	99302	3	9.98	772202	20.0
Eicosane	10.88	4.1	ng	131332	4	11.47	639432	20.0
Hexadecanoic acid...	12.87	4.6	ng	132754	5	14.11	581982	20.0
Octadecanoic acid...	13.58	3.3	ng	96028	5	14.11	581982	20.0
1-Docosene	13.95	3.6	ng	104745	5	14.11	581982	20.0
Eicosane, 7-hexyl-	18.65	2.5	ng	59201	6	15.57	479966	20.0