LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

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-BF123115.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	5.047	257	259	269	rVB	1437819	2351655	26.60%	3.059%
2	5.482	294	297	299	rBV	7060715	8795024	99.47%	11.440%
3	6.510	384	387	389	rBV	7138965	8034722	90.87%	10.451%
4	6.636	395	398	400	rBV	7663842	8841864	100.00%	11.501%
5	6.853	415	417	419	rBV	2063111	1660622	18.78%	2.160%
6	6.922	421	423	427	rBV	133243	118433	1.34%	0.154%
7	7.013	428	431	433	rVB	6831520	6096089	68.95%	7.929%
8	7.425	463	467	469	rBV	5193460	5450148	61.64%	7.089%
9	8.145	527	530	532	rBV	2179486	2190019	24.77%	2.849%
10	9.219	621	624	627	rBV	7487040	7525308	85.11%	9.788%
11	9.493	646	648	650	rBV	421835	334813	3.79%	0.435%
12	9.619	656	659	660	rBV	1268801	1433918	16.22%	1.865%
13	9.825	676	677	681	rBV2	148062	237013	2.68%	0.308%
14	9.893	681	683	686	rVB	2536190	2303639	26.05%	2.996%
15	10.328	719	721	723	rVB	435778	388852	4.40%	0.506%
16	10.545	737	740	744	rBV	123837	246298	2.79%	0.320%
17	10.682	749	752	755	rVV2	4024370	5750743	65.04%	7.480%
18	10.796	759	762	770	rVB2	624469	974399	11.02%	1.267%
19	10.991	777	779	784	rBV3	48419	120980	1.37%	0.157%
20	11.254	800	802	803	rBV	241253	218243	2.47%	0.284%
21	11.379	811	813	815	rBV	2648660	2257006	25.53%	2.936%
22	11.436	815	818	822	rVB	45292	96383	1.09%	0.125%
23	12.797	935	937	939	rBV	362505	391681	4.43%	0.509%
24	12.854	939	942	946	rVV2	187094	347355	3.93%	0.452%
25	12.968	949	952	955	rBV	6340648	6673101	75.47%	8.680%
26	13.494	996	998	1000	rBV	283514	288444	3.26%	0.375%
27	13.871	1028	1031	1041	rBV	260079	399798	4.52%	0.520%
28	14.008	1041	1043	1046	rBV	1114331	1515265	17.14%	1.971%
29	14.340	1070	1072	1074	rBV	122531	146259	1.65%	0.190%
30	14.797	1108	1112	1114	rVB2	56494	95803	1.08%	0.125%
31	14.865	1115	1118	1120	rBV	229137	220682	2.50%	0.287%
32	15.437	1165	1168	1171	rBV	824059	1280500	14.48%	1.666%
33	16.385	1248	1251	1257	rVB2	41872	95382	1.08%	0.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

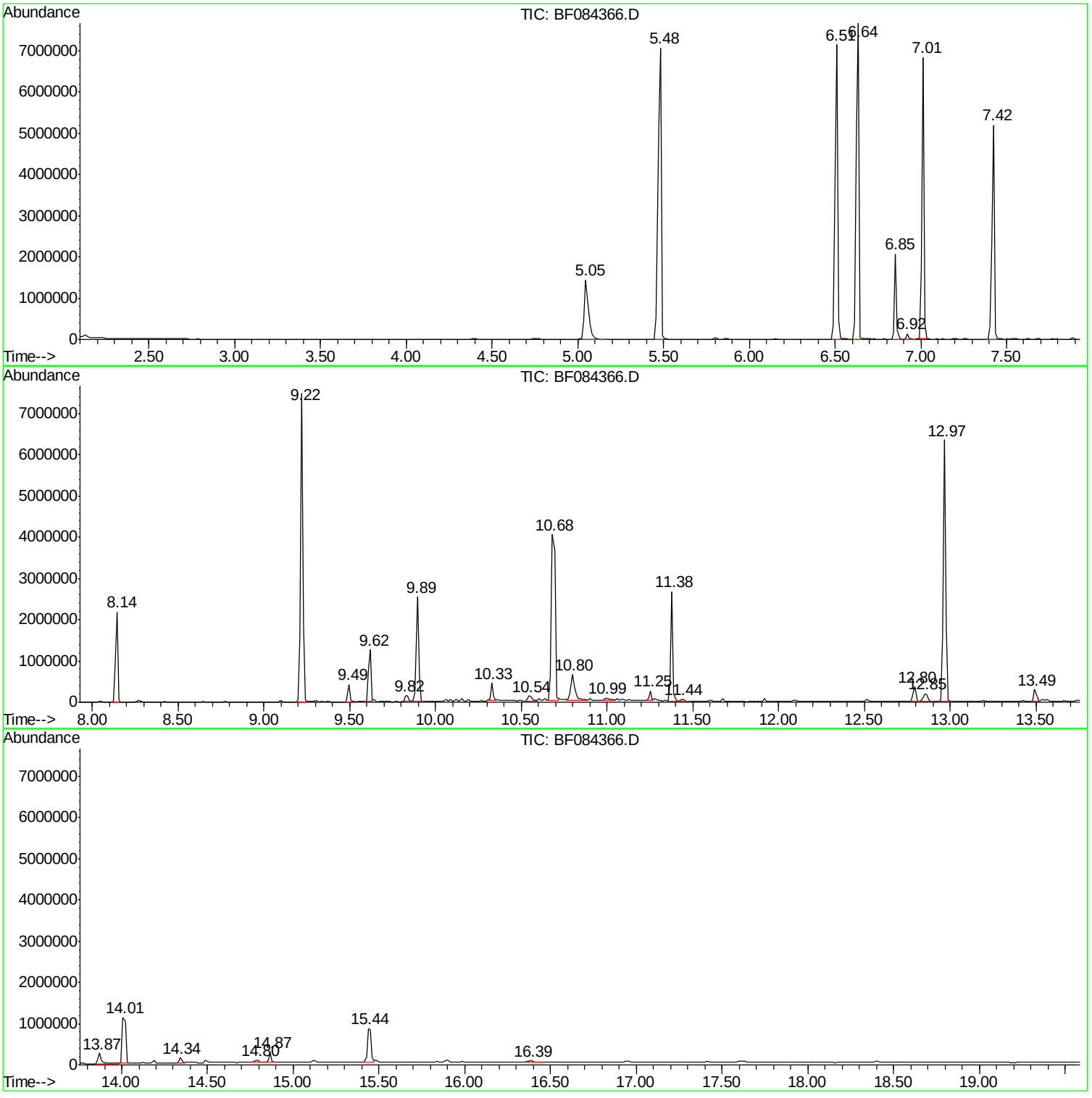
Sum of corrected areas: 76880441

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

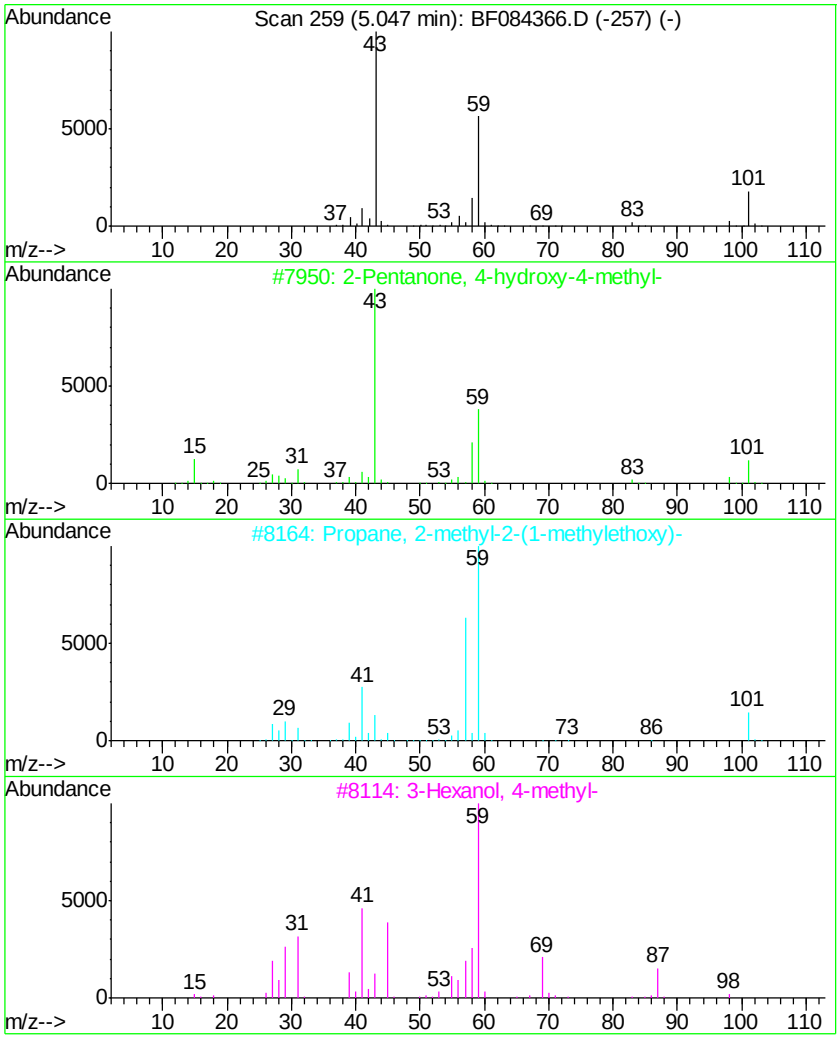
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

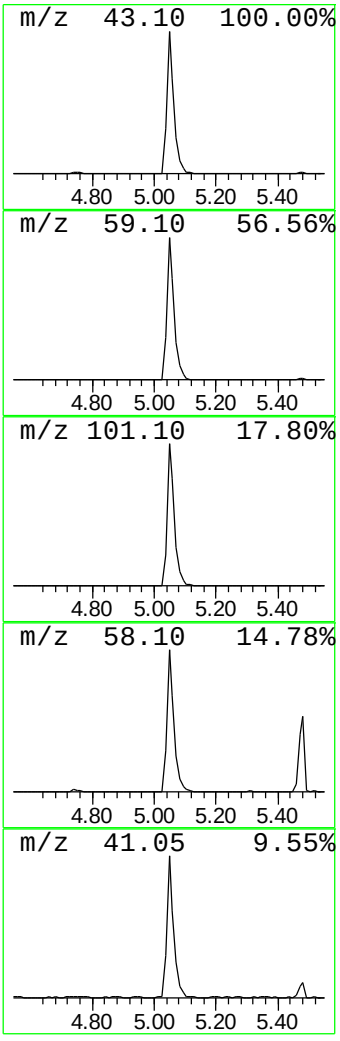
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	28.32 ng	2351660	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

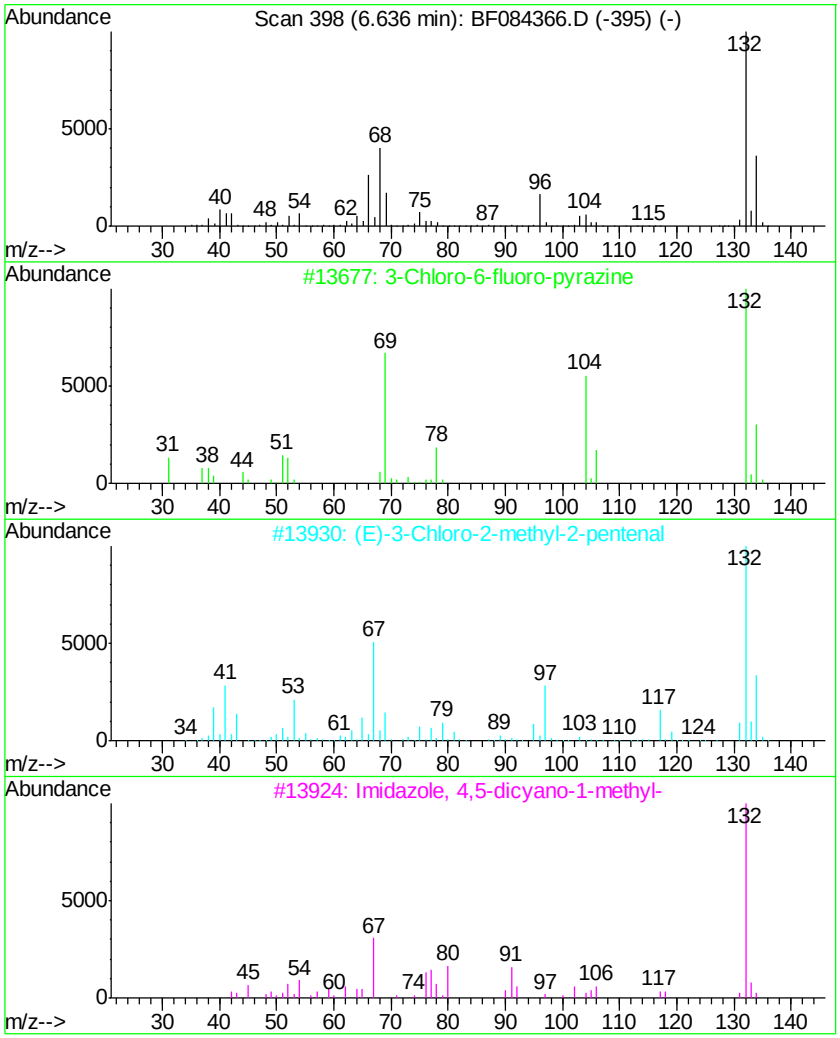
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

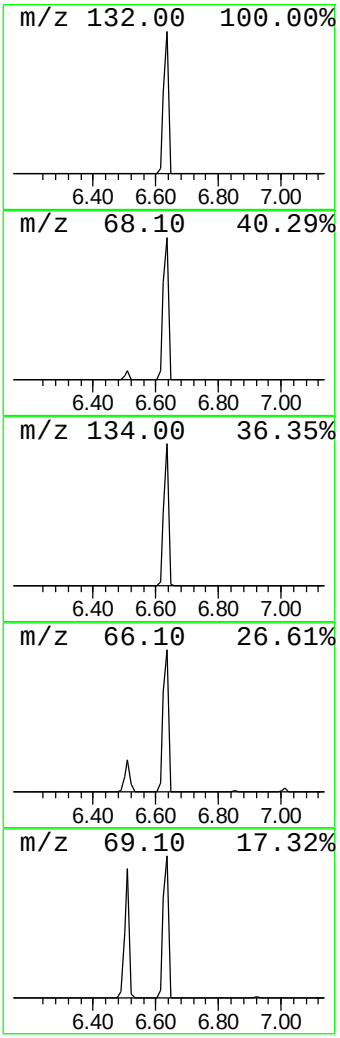
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	106.49 ng	8841860	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

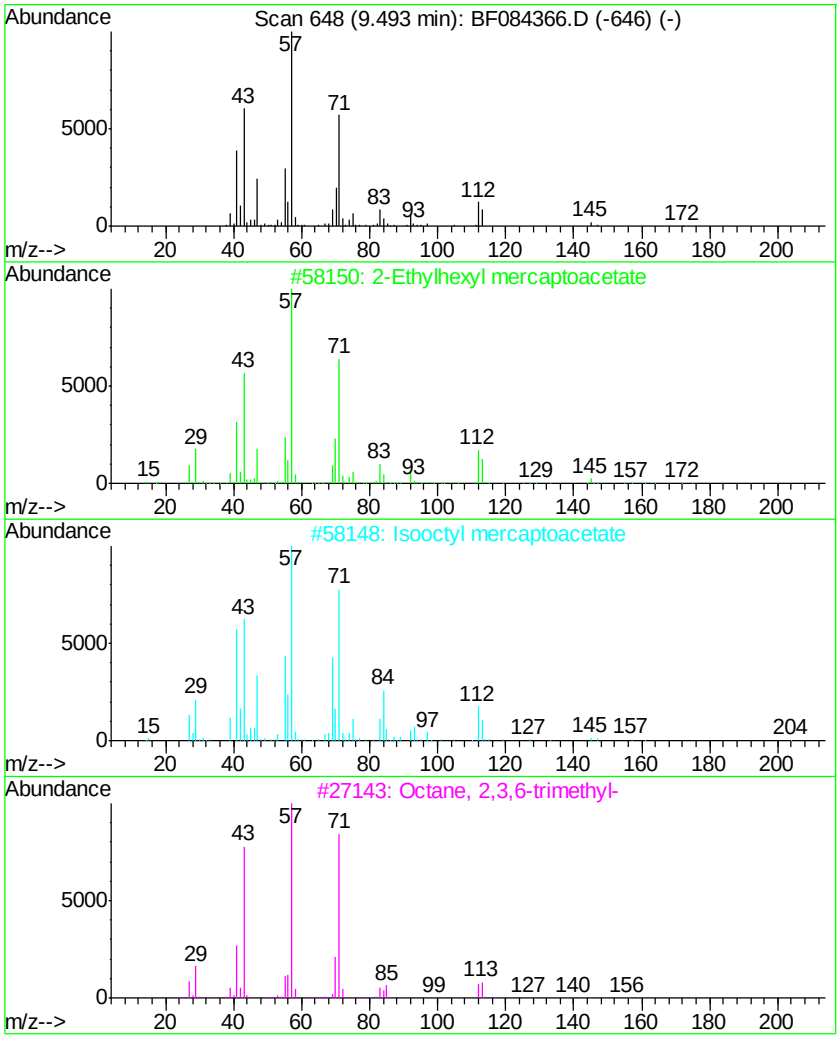
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

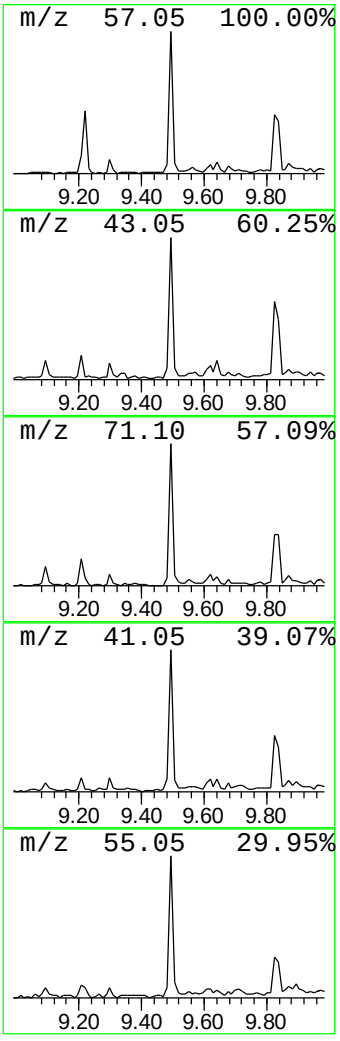
****

Peak Number 4 2-Ethylhexyl mercaptoacetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.91 ng	334813	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	80
2	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	59
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
4	Decane, 4-methyl-	156	C11H24	002847-72-5	53
5	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
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Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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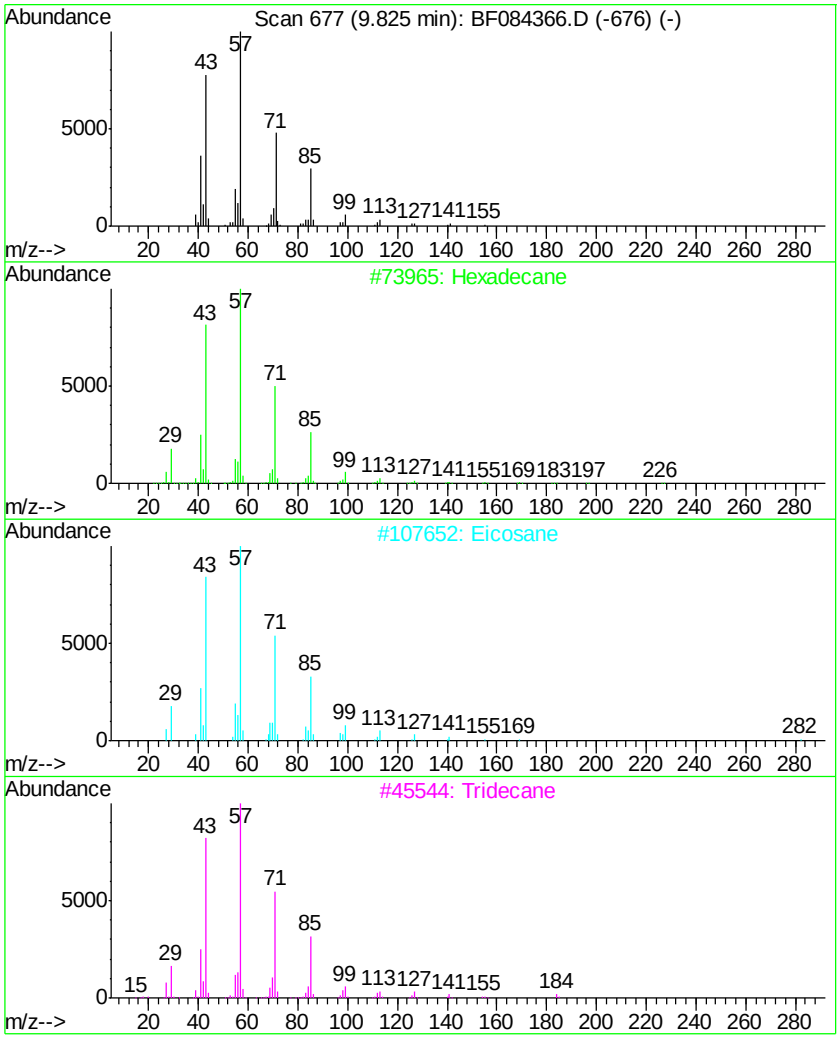
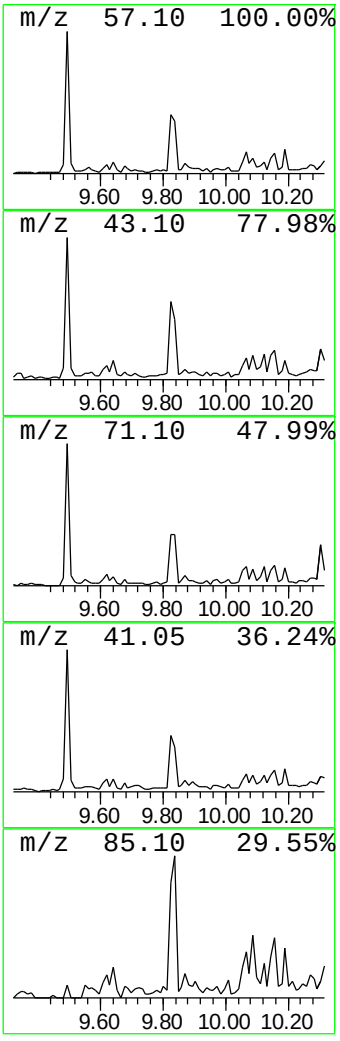
Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.06 ng	237013	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
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Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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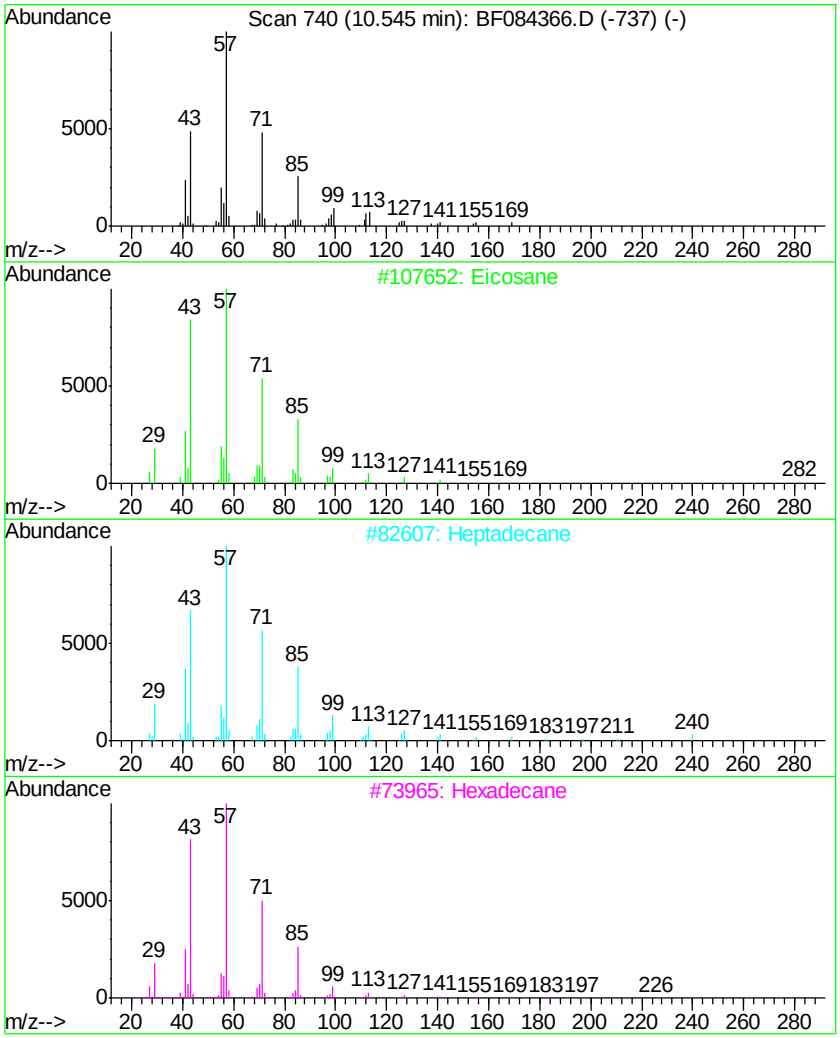
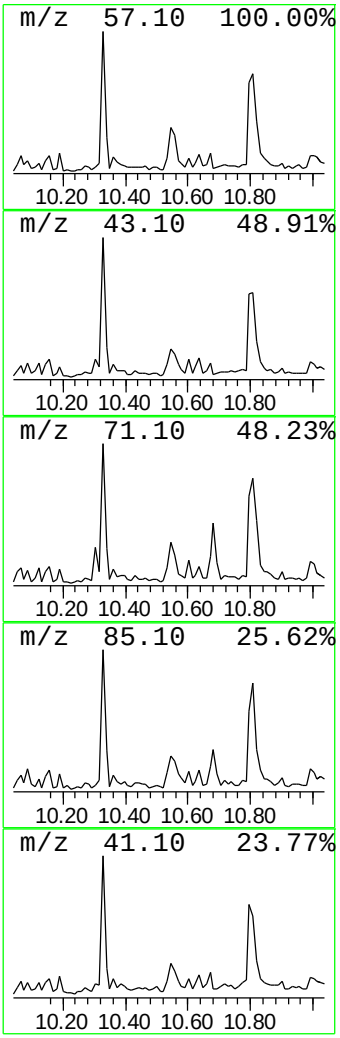
Peak Number 7 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.14 ng	246298	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane	240	C17H36	000629-78-7	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

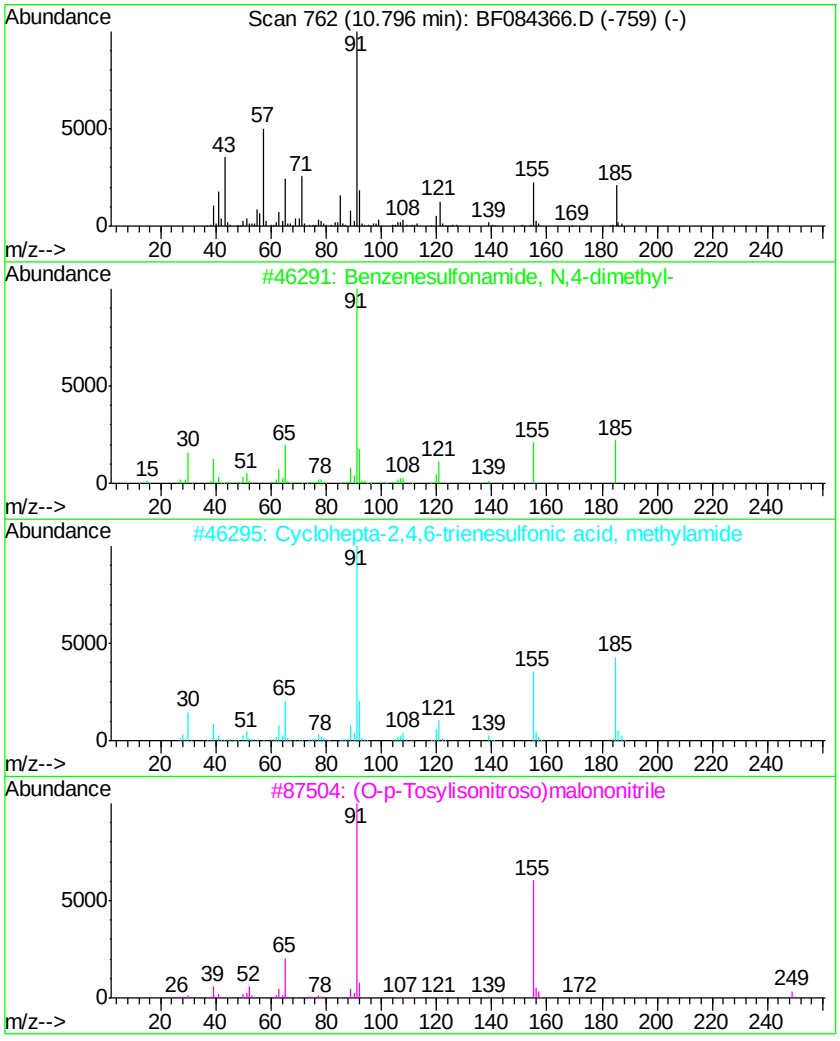
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

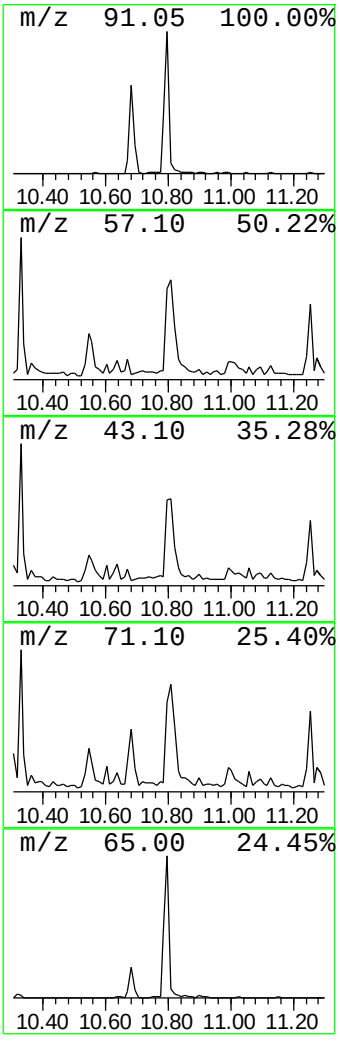
****

Peak Number 8 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.63 ng	974399	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	89
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	38
3	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	38
4	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	38
5	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	38





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Sample : H1043-16
Misc :
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Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

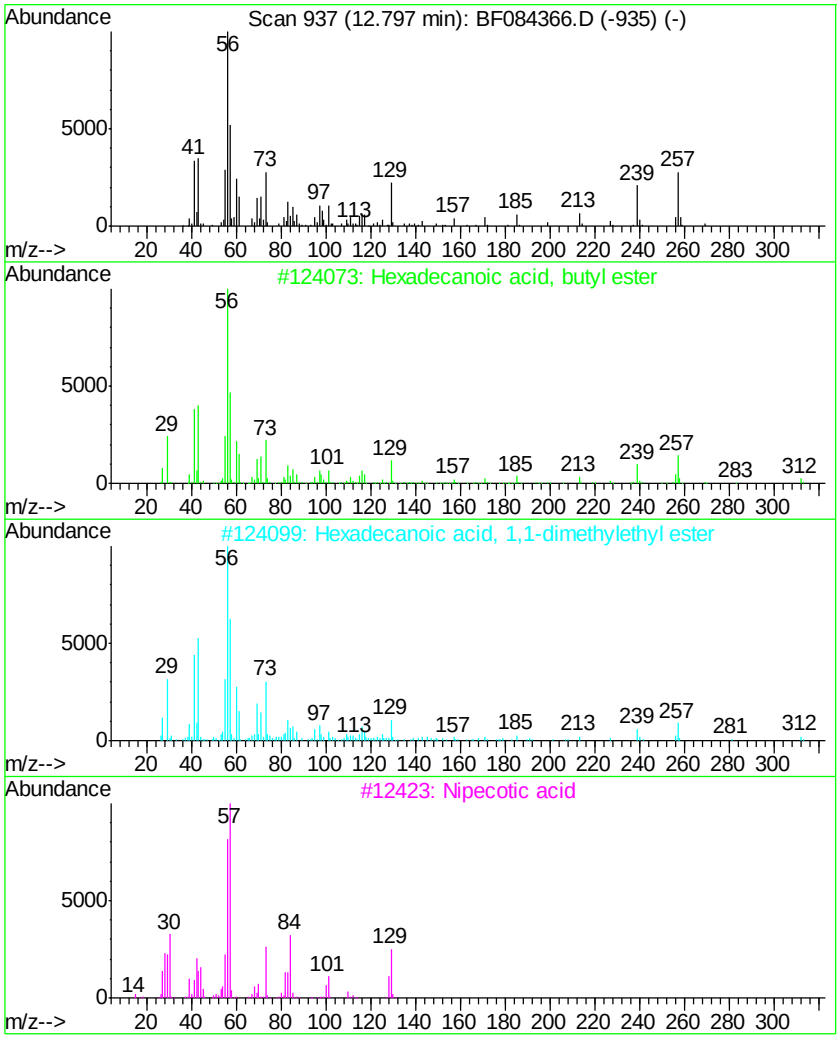
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

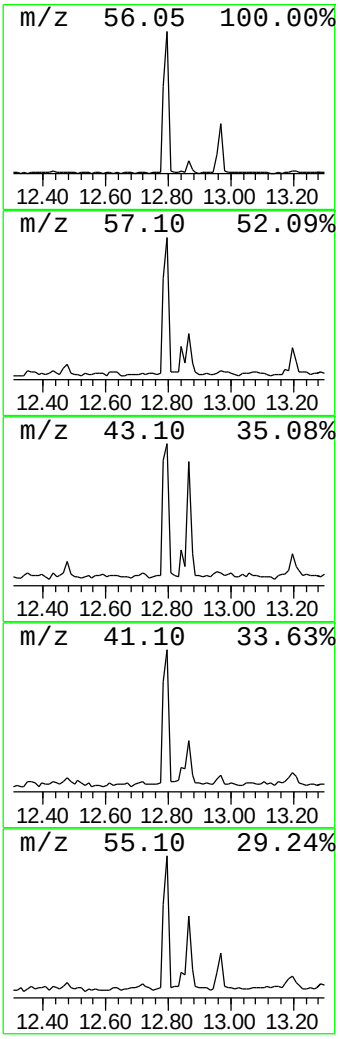
****

Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.17 ng	391681	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	81
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	68
3	Nipecotic acid	129	C6H11NO2	000498-95-3	47
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32





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Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

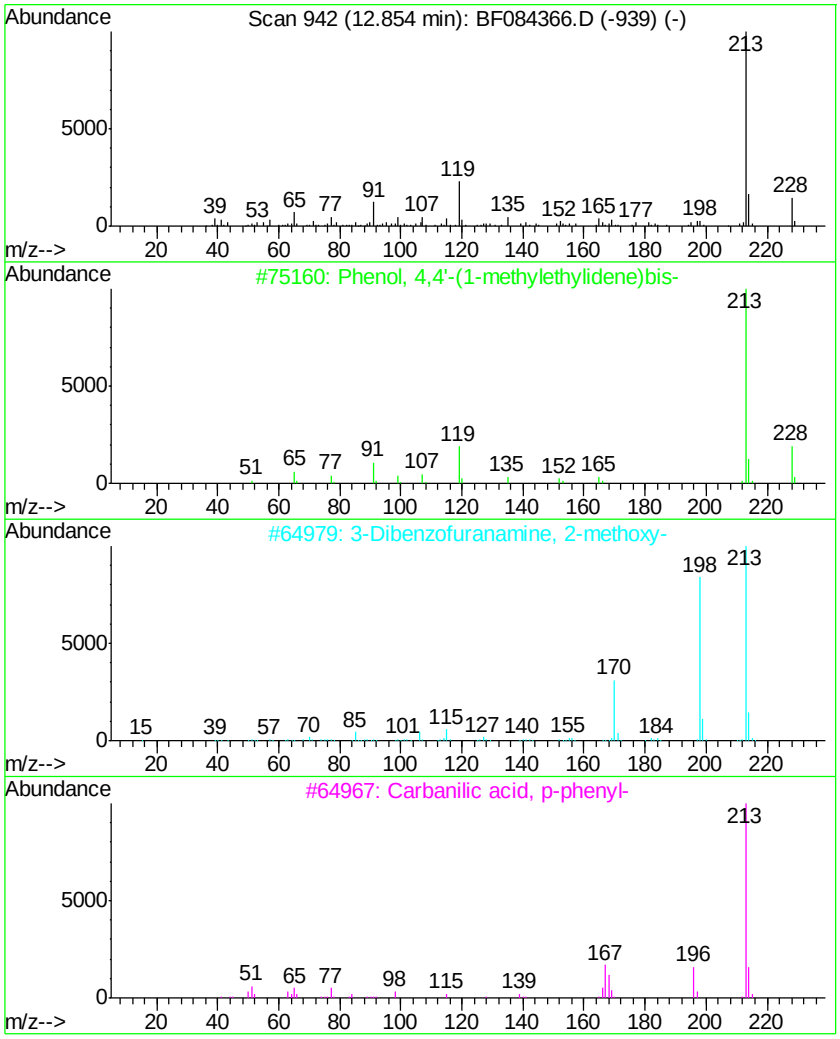
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

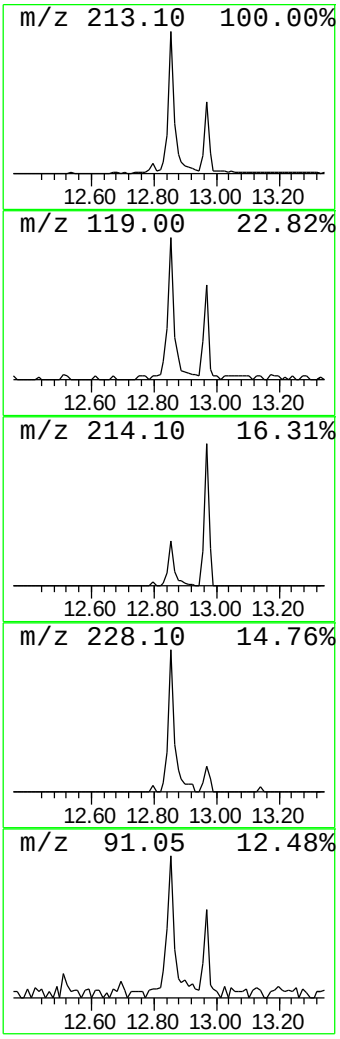
****

Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	4.58 ng	347355	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	3-Dibenzofuranamine, 2-methoxy-	213	C13H11NO2	005834-17-3	47
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	42
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

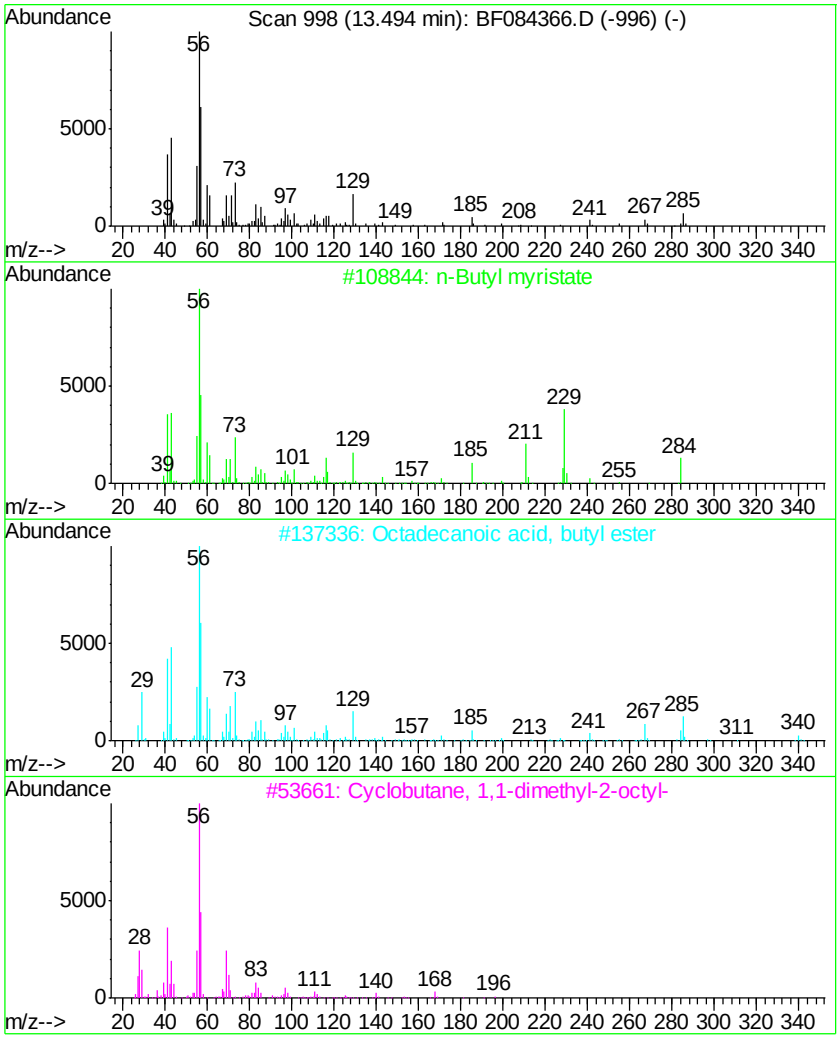
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

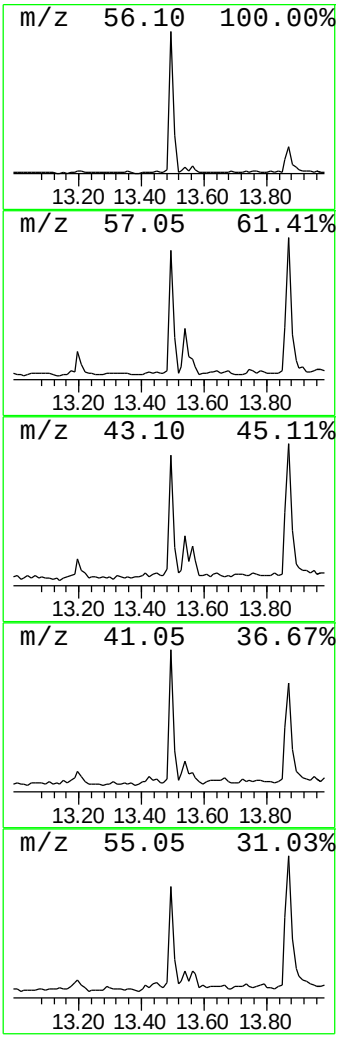
****

Peak Number 11 n-Butyl myristate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.81 ng	288444	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	90
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
4	1-Undecene, 2-methyl-	168	C12H24	018516-37-5	38
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38





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Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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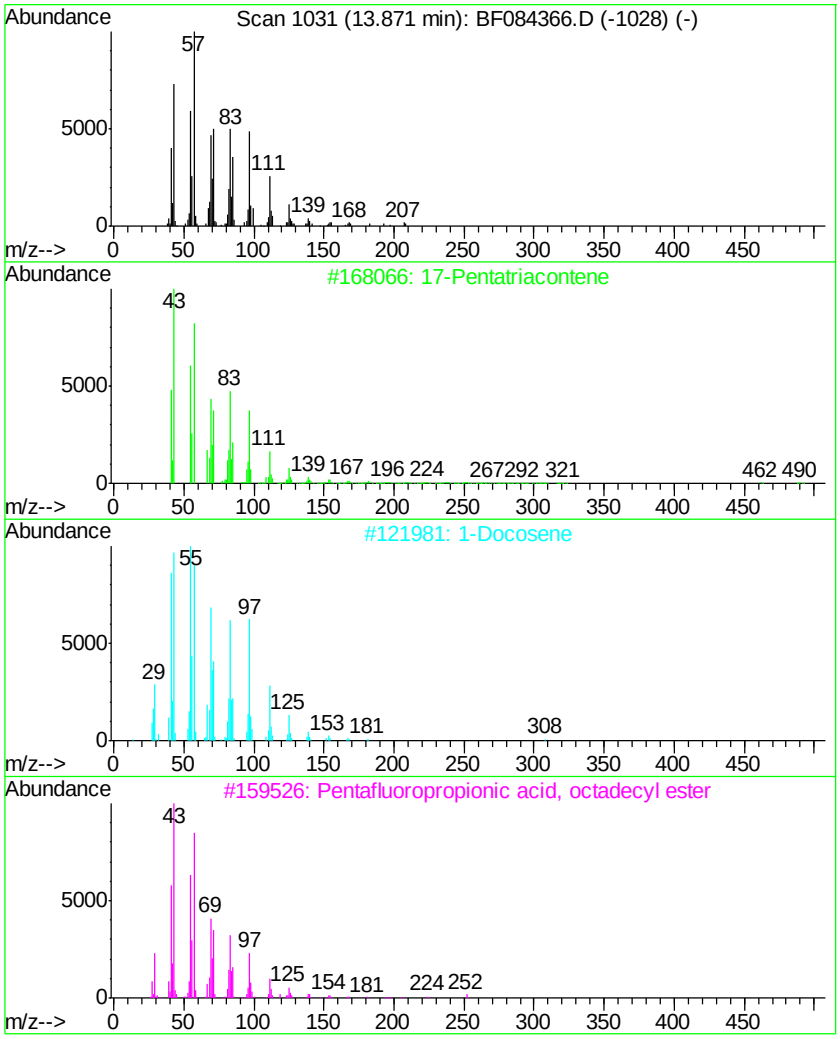
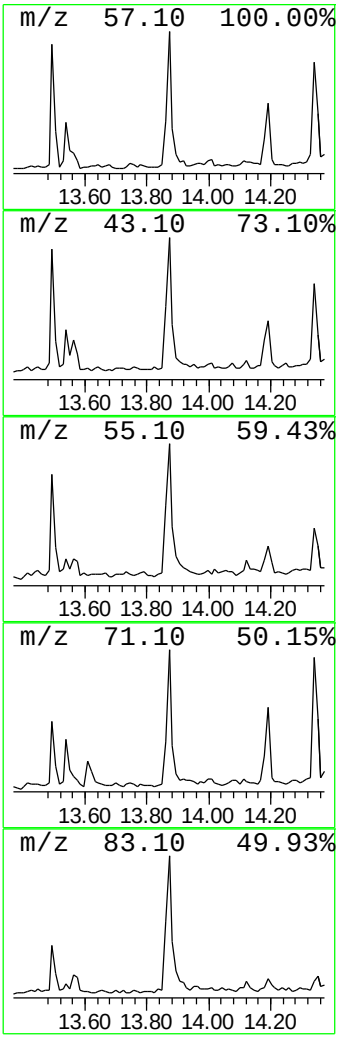
Peak Number 12 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.28 ng	399798	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	1-Docosene	308	C22H44	001599-67-3	76
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	72
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	62
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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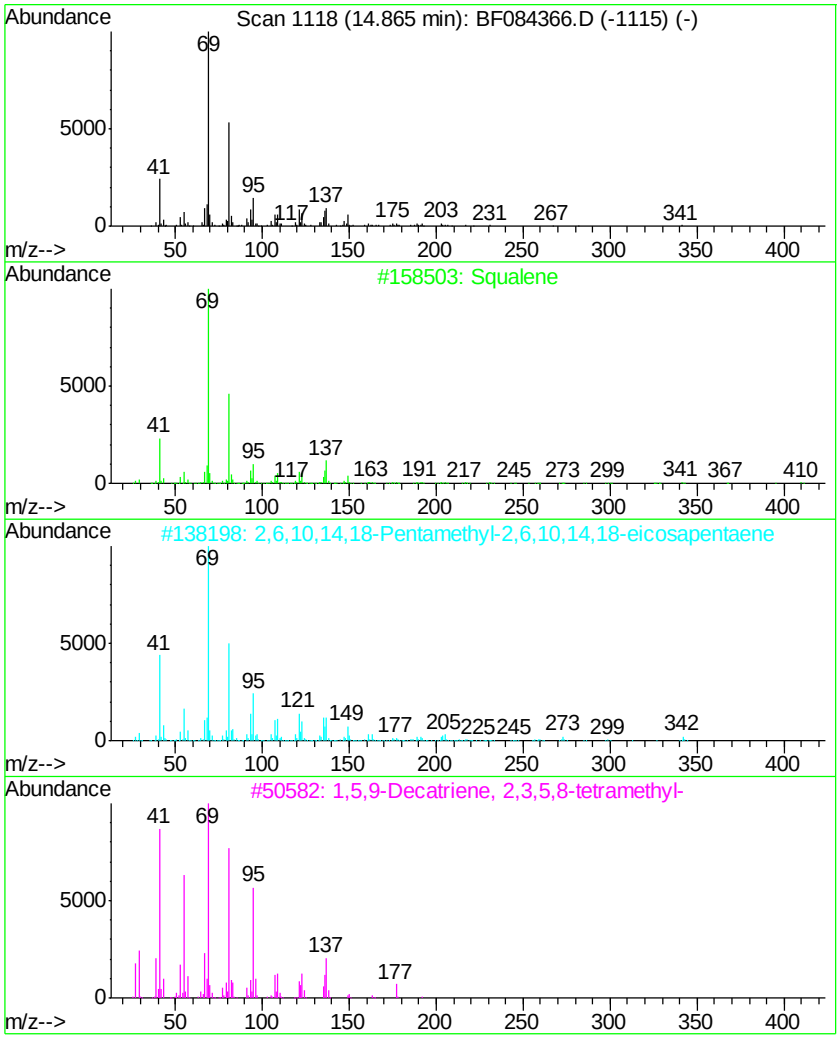
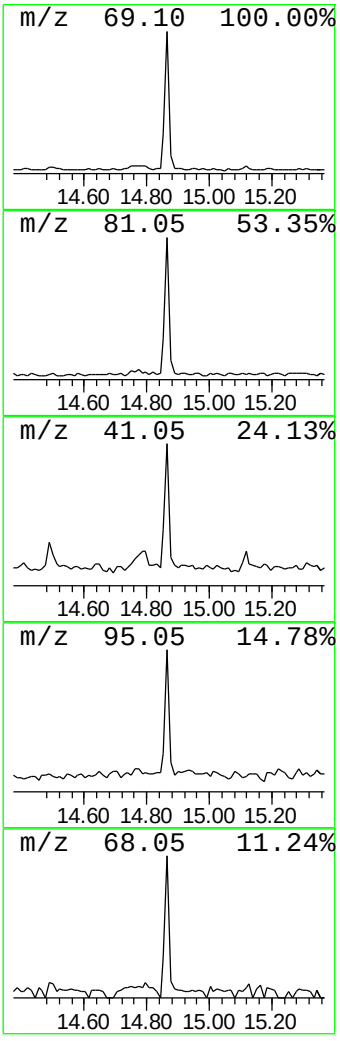
Peak Number 13 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.45 ng	220682	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	80
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011016\
Data File : BF084366.D
Acq On : 10 Jan 2016 15:52
Operator : SJ/UM
Sample : H1043-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.05	28.3	ng	2351660	1	6.85	1660620	20.0
unknown6.64	6.64	106.5	ng	8841860	1	6.85	1660620	20.0
2-Ethylhexyl merc...	9.49	2.9	ng	334813	3	9.89	2303640	20.0
Hexadecane	9.82	2.1	ng	237013	3	9.89	2303640	20.0
Eicosane	10.54	2.1	ng	246298	3	9.89	2303640	20.0
Benzenesulfonamid...	10.80	8.6	ng	974399	4	11.38	2257010	20.0
Hexadecanoic acid...	12.80	5.2	ng	391681	5	14.02	1515270	20.0
Phenol, 4,4'-(1-m...	12.85	4.6	ng	347355	5	14.02	1515270	20.0
n-Butyl myristate	13.49	3.8	ng	288444	5	14.02	1515270	20.0
17-Pentatriacontene	13.87	5.3	ng	399798	5	14.02	1515270	20.0
Squalene	14.87	3.5	ng	220682	6	15.45	1280500	20.0