LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ52

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM071416.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.792	709	715	727	rBV	529367	885955	20.54%	1.804%
2	6.957	737	743	755	rBV	404866	636483	14.76%	1.296%
3	7.151	768	776	785	rBV	533335	863136	20.01%	1.757%
4	7.616	848	855	865	rBV	845420	1391883	32.27%	2.834%
5	8.322	969	975	986	rBV	579746	964628	22.36%	1.964%
6	8.769	1044	1051	1066	rBV	489930	844684	19.58%	1.720%
7	9.486	1166	1173	1185	rBV	409778	700969	16.25%	1.427%
8	10.022	1256	1264	1282	rBV	612082	1053105	24.42%	2.144%
9	10.392	1317	1327	1342	rBV	1059904	1871365	43.39%	3.810%
10	10.533	1345	1351	1368	rVV	544093	1023625	23.73%	2.084%
11	13.680	1879	1886	1890	rBV	1119635	1680794	38.97%	3.422%
12	13.721	1890	1893	1904	rVB	518915	786836	18.24%	1.602%
13	13.957	1926	1933	1945	rBV	1219459	1974729	45.78%	4.021%
14	14.268	1979	1986	1995	rBV2	1383302	2320274	53.79%	4.724%
15	14.480	2017	2022	2039	rBV	502311	903522	20.95%	1.840%
16	15.262	2148	2155	2165	rBV	1699361	2513372	58.27%	5.117%
17	15.392	2172	2177	2189	rBV	486930	745421	17.28%	1.518%
18	15.992	2275	2279	2287	rBV	30708	57150	1.32%	0.116%
19	16.786	2409	2414	2420	rBV3	31782	56488	1.31%	0.115%
20	17.015	2446	2453	2459	rBV2	1878775	2815247	65.27%	5.732%
21	17.115	2464	2470	2481	rVB2	1818912	2870095	66.54%	5.844%
22	18.086	2629	2635	2640	rBV4	37337	71898	1.67%	0.146%
23	18.250	2658	2663	2671	rVB2	46690	77431	1.80%	0.158%
24	19.080	2794	2804	2811	rBV	331109	476145	11.04%	0.969%
25	19.233	2826	2830	2834	rBV2	34404	50619	1.17%	0.103%
26	19.356	2846	2851	2856	rVV	524480	647847	15.02%	1.319%
27	19.415	2856	2861	2869	rVV3	2461897	3915337	90.77%	7.972%
28	19.474	2869	2871	2876	rVB2	94894	101707	2.36%	0.207%
29	19.768	2917	2921	2928	rBV4	28810	57175	1.33%	0.116%
30	19.945	2947	2951	2954	rVV	72772	93772	2.17%	0.191%
31	20.044	2961	2968	2972	rBV2	89046	112242	2.60%	0.229%
32	20.103	2973	2978	2982	rVB4	29863	44651	1.04%	0.091%
33	20.286	3006	3009	3020	rVB3	26092	50098	1.16%	0.102%
34	20.403	3025	3029	3036	rBV	446067	510233	11.83%	1.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ52

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM071416.M
Title : SVOA CALIBRATION

35	20.468	3036	3040	3043	rBV2	60828	68973	1.60%	0.140%
36	20.503	3043	3046	3051	rVV2	41234	46963	1.09%	0.096%
37	20.862	3099	3107	3110	rBV2	44788	97769	2.27%	0.199%
38	20.933	3116	3119	3130	rVB3	104449	165859	3.85%	0.338%
39	21.215	3159	3167	3171	rBV	2859676	4112853	95.35%	8.374%
40	21.250	3171	3173	3182	rVB	206300	253838	5.89%	0.517%
41	21.368	3189	3193	3198	rBV	129432	150248	3.48%	0.306%
42	21.791	3262	3265	3275	rVB2	93624	141394	3.28%	0.288%
43	22.244	3338	3342	3348	rBV	127125	190028	4.41%	0.387%
44	22.744	3421	3427	3434	rBV3	238083	609529	14.13%	1.241%
45	22.921	3453	3457	3465	rVB2	47532	88117	2.04%	0.179%
46	23.221	3504	3508	3510	rBV	71069	113609	2.63%	0.231%
47	23.274	3510	3517	3531	rVV2	2032810	4313291	100.00%	8.782%
48	23.409	3533	3540	3555	rVB2	1963247	3977761	92.22%	8.099%
49	23.909	3620	3625	3636	rVB	180022	375925	8.72%	0.765%
50	24.632	3742	3748	3757	rVB2	176014	376650	8.73%	0.767%
51	25.468	3884	3890	3901	rVB2	119926	323312	7.50%	0.658%
52	25.597	3907	3912	3921	rVB2	82414	202345	4.69%	0.412%
53	26.456	4053	4058	4069	rVB3	99794	270408	6.27%	0.551%
54	27.609	4249	4254	4255	rBV3	44312	65733	1.52%	0.134%

Sum of corrected areas: 49113521

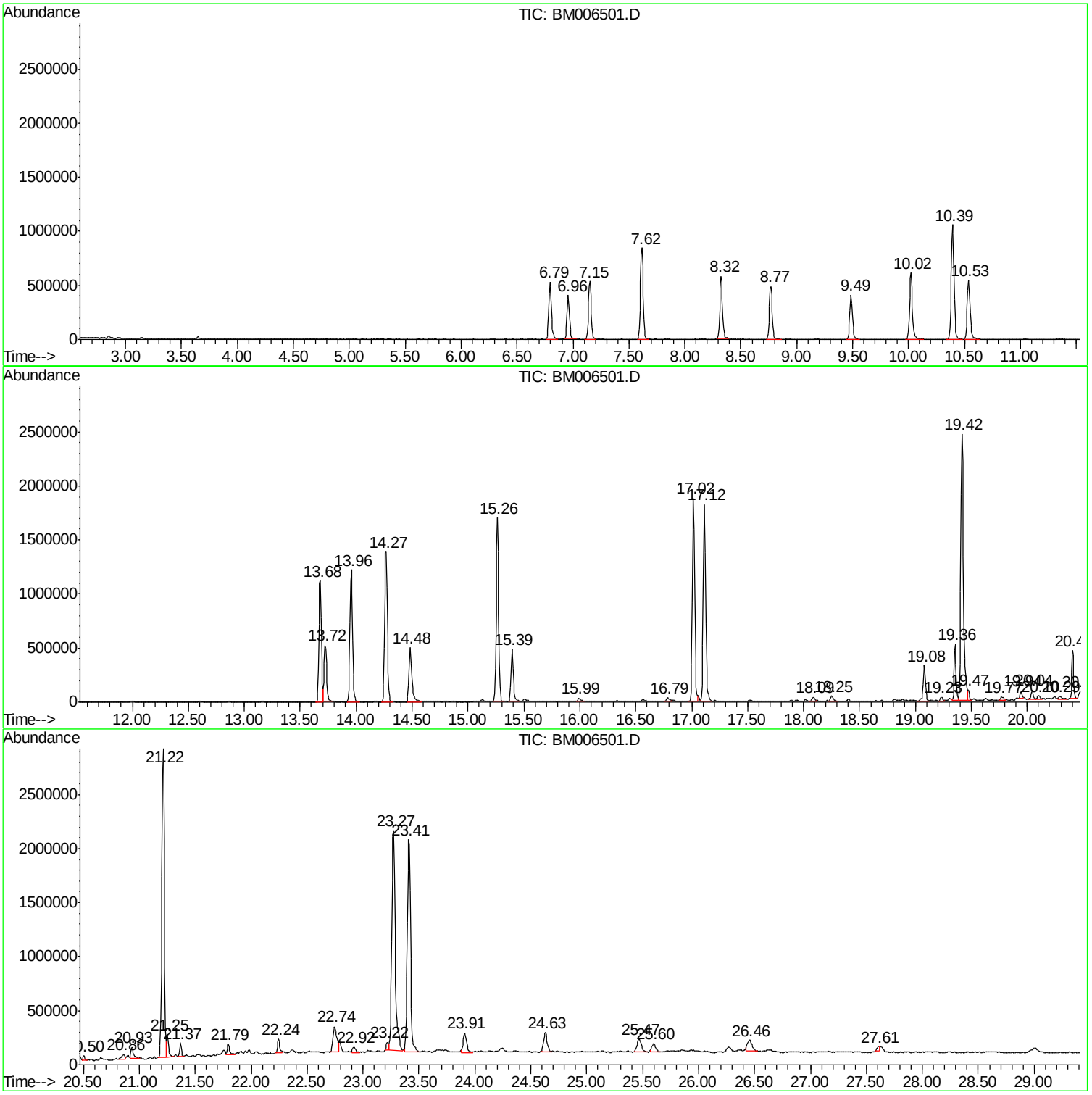
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

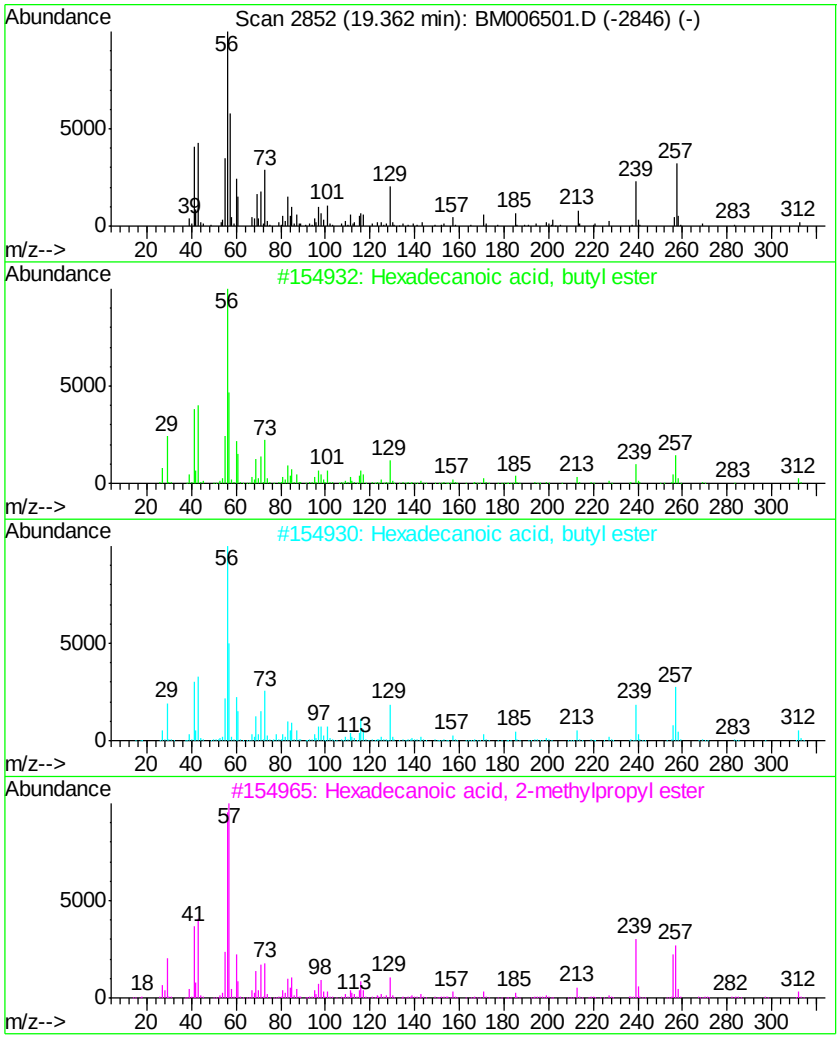
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

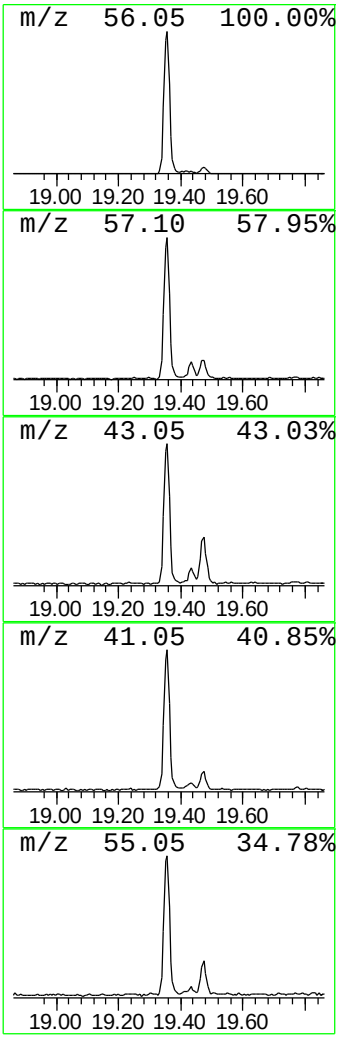
****

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.15 ng/ul	647847	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

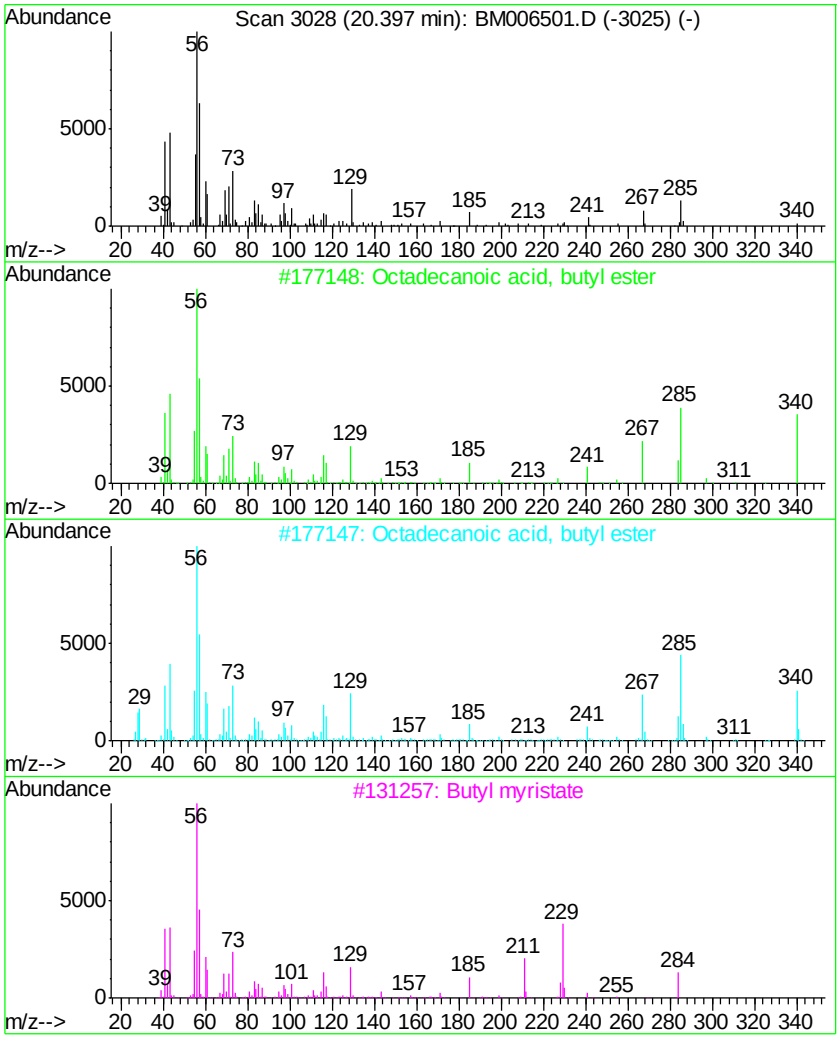
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

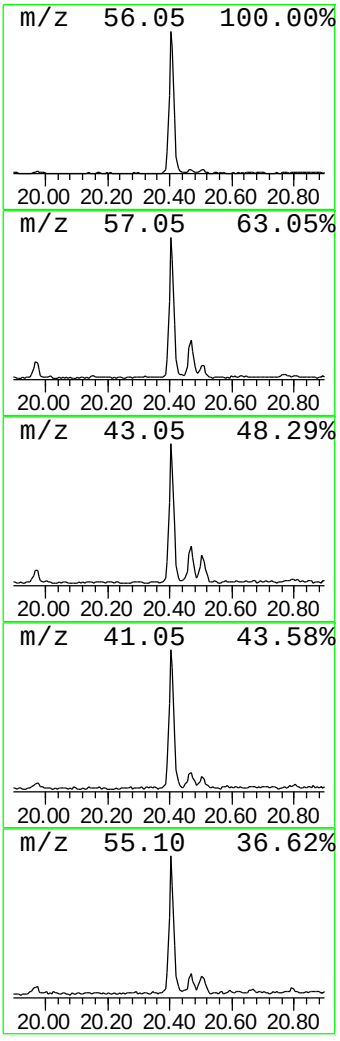
****

Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.48 ng/ul	510233	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
3	Butyl myristate	284	C18H36O2	000110-36-1	64
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
Data File : BM006501.D
Acq On : 17 Jul 2016 05:44
Operator : UM/SJ
Sample : H3985-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic acid...	19.36	3.1	ng/ul	647847	5	21.22	4112850	20.0
Octadecanoic acid...	20.40	2.5	ng/ul	510233	5	21.22	4112850	20.0