

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082708.D
 Acq On : 4 Nov 2015 18:43
 Operator : UM/IZ
 Sample : G4240-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(18-20)

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-BF103015.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	5.059	256	260	268	rVB	1985777	2929440	42.13%	4.613%
2	5.470	293	296	299	rBV	4293441	5519656	79.38%	8.691%
3	6.499	383	386	388	rVB	5318122	5846577	84.08%	9.206%
4	6.636	395	398	400	rVB	5619899	6315149	90.82%	9.944%
5	6.864	415	418	420	rBV	1332827	1213851	17.46%	1.911%
6	7.024	429	432	434	rVB	4280463	4517891	64.97%	7.114%
7	7.424	464	467	469	rBV	3611607	3752554	53.97%	5.909%
8	8.145	528	530	533	rBV	1487038	1525354	21.94%	2.402%
9	9.105	611	614	616	rBV	134753	121725	1.75%	0.192%
10	9.230	622	625	627	rBV	6617225	6732690	96.83%	10.601%
11	9.619	656	659	661	rBV	1383171	1190636	17.12%	1.875%
12	9.905	681	684	686	rVB	2110447	2008459	28.89%	3.162%
13	10.316	715	720	722	rBV	134838	245798	3.53%	0.387%
14	10.568	739	742	745	rBV	71197	106526	1.53%	0.168%
15	10.693	749	753	755	rVV	4529842	5117985	73.61%	8.059%
16	10.819	760	764	769	rVV	188529	274304	3.94%	0.432%
17	11.265	801	803	805	rBV	179087	165433	2.38%	0.260%
18	11.379	811	813	816	rVB	1801799	1960336	28.19%	3.087%
19	11.448	816	819	821	rVB2	41557	76659	1.10%	0.121%
20	11.619	832	834	836	rBV	195165	186161	2.68%	0.293%
21	11.688	838	840	843	rVB	94399	116100	1.67%	0.183%
22	11.928	858	861	863	rBV	611134	719116	10.34%	1.132%
23	12.099	874	876	878	rVB	124245	98319	1.41%	0.155%
24	12.488	909	910	912	rVB	95680	76317	1.10%	0.120%
25	12.705	927	929	935	rBV	273871	326113	4.69%	0.513%
26	12.979	950	953	955	rBV	5980337	6953279	100.00%	10.949%
27	13.219	970	974	975	rVB3	61908	91260	1.31%	0.144%
28	13.459	989	995	998	rBV	146255	278967	4.01%	0.439%
29	13.562	1002	1004	1007	rVB	60588	78493	1.13%	0.124%
30	13.871	1029	1031	1041	rBV2	659979	922548	13.27%	1.453%
31	14.019	1041	1044	1046	rBV	2257072	2024649	29.12%	3.188%
32	14.202	1058	1060	1065	rVB	87248	100491	1.45%	0.158%
33	14.522	1085	1088	1094	rBV	85231	161704	2.33%	0.255%
34	14.819	1112	1114	1118	rBV	72497	85248	1.23%	0.134%

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35	14.900	1118	1121	1123	rBV	93489	125894	1.81%	0.198%
36	15.151	1140	1143	1147	rBV	59552	70588	1.02%	0.111%
37	15.460	1167	1170	1173	rBV	1149242	1346520	19.37%	2.120%
38	15.985	1214	1216	1220	rBV2	72267	126150	1.81%	0.199%

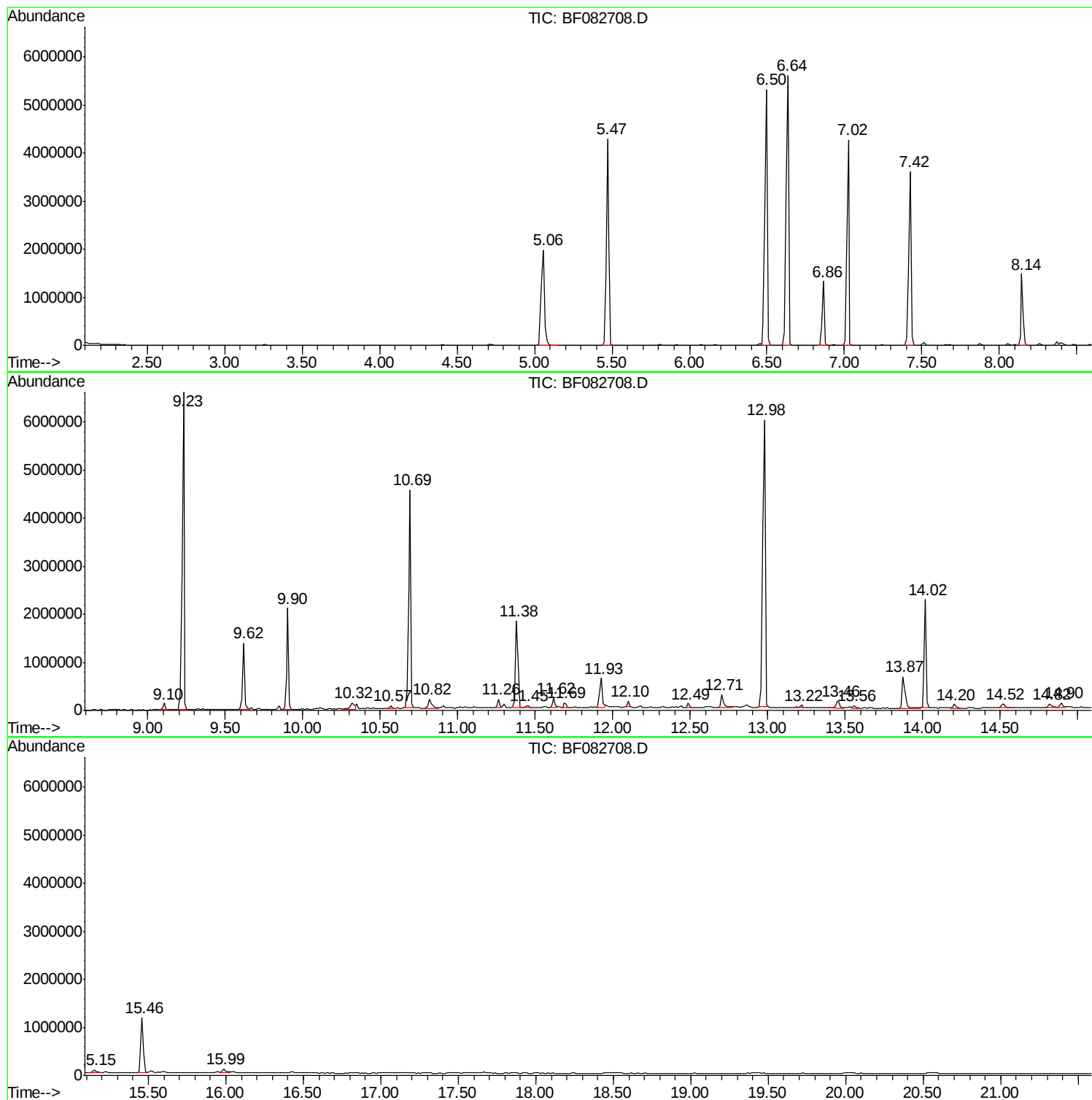
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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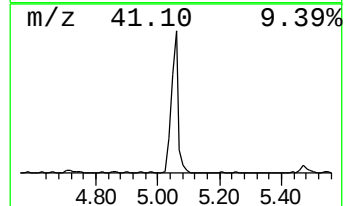
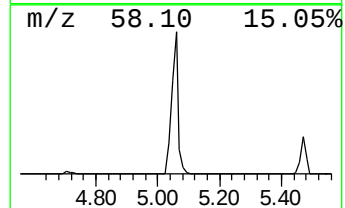
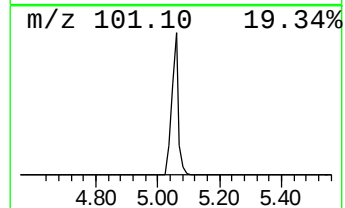
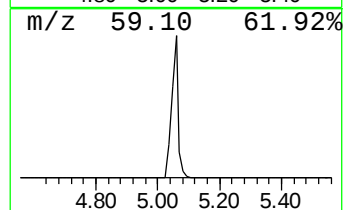
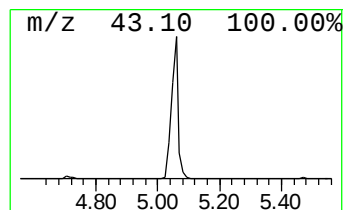
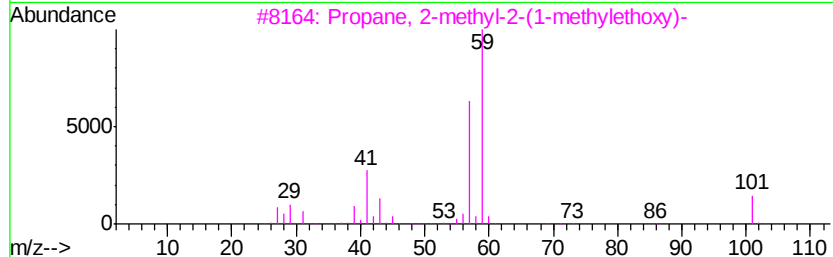
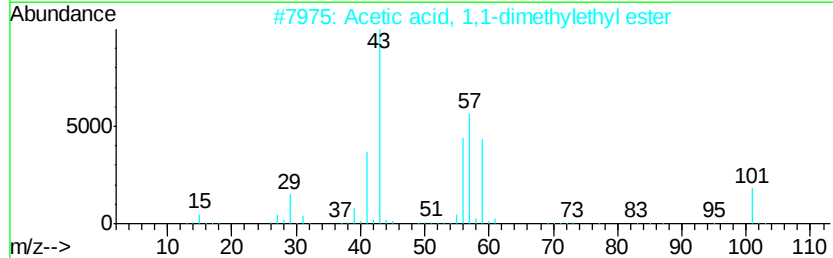
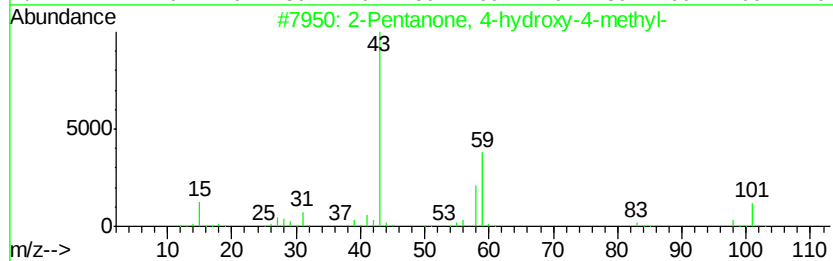
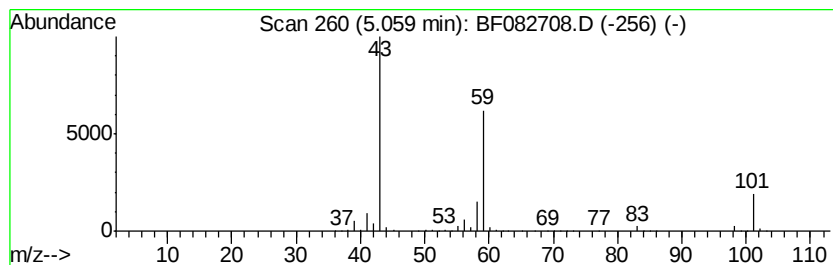
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	48.27 ng	2929440	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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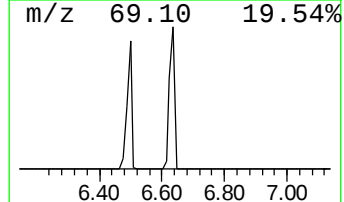
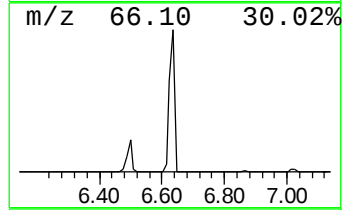
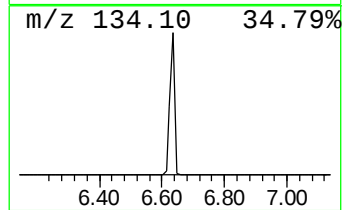
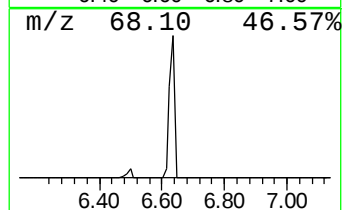
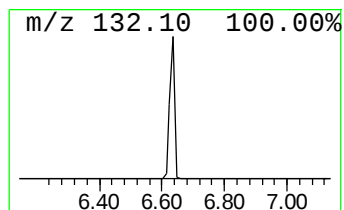
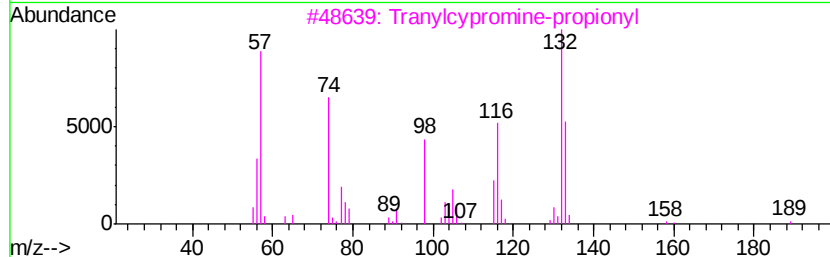
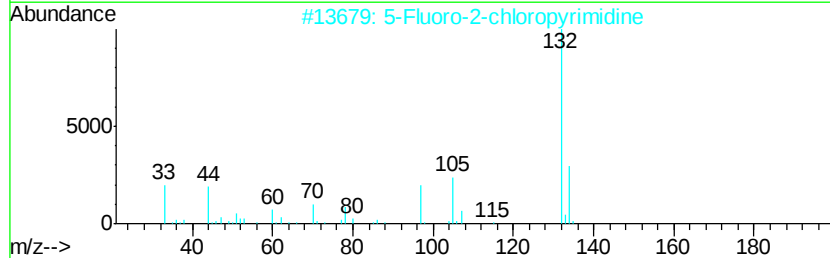
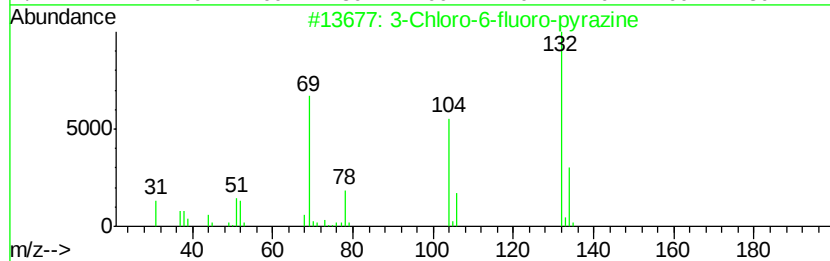
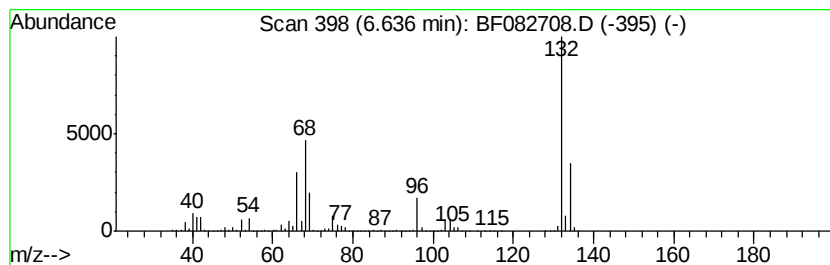
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	104.05 ng	6315150	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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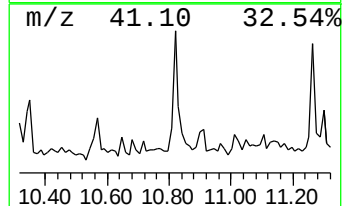
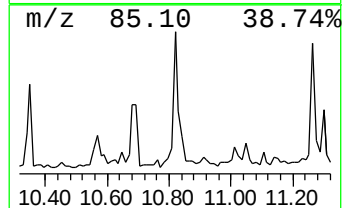
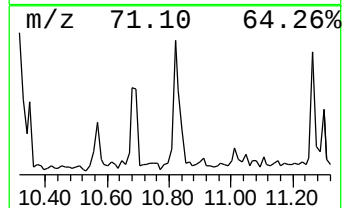
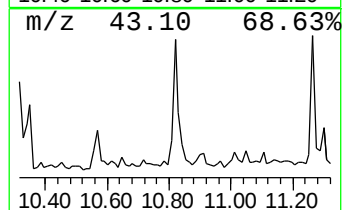
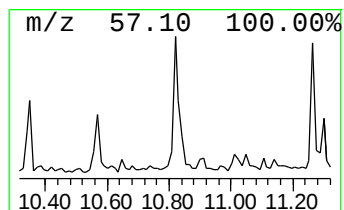
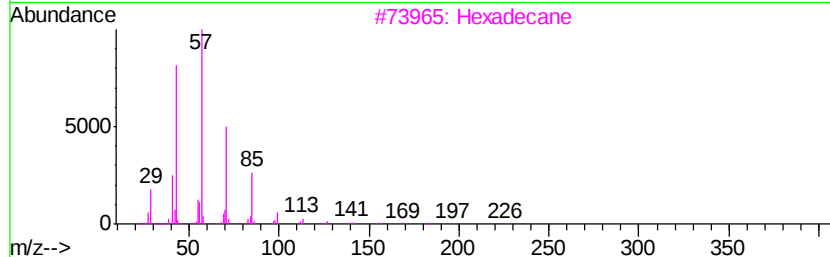
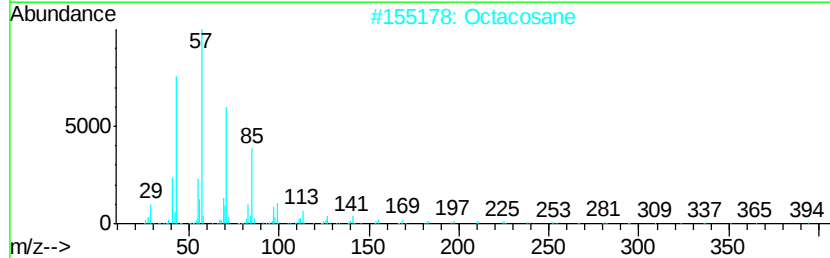
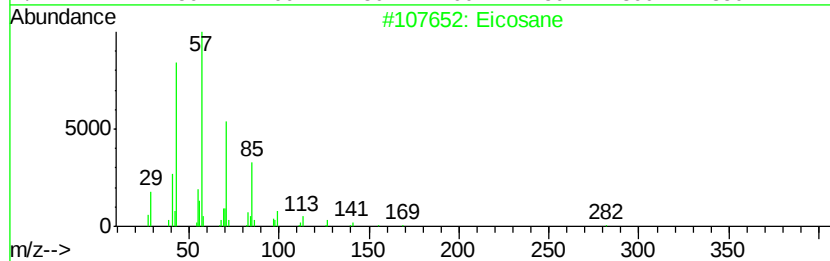
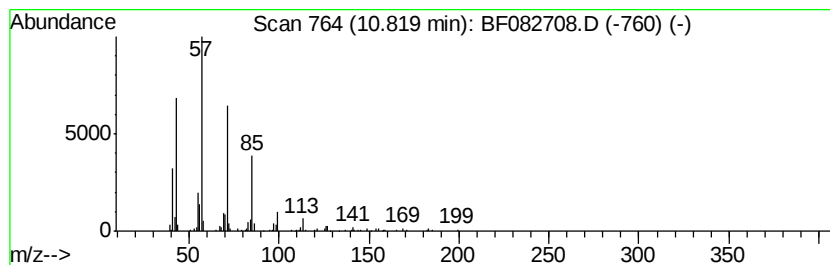
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.80 ng	274304	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Octacosane		394	C28H58	000630-02-4	86
3	Hexadecane		226	C16H34	000544-76-3	80
4	Pentadecane		212	C15H32	000629-62-9	78
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	78



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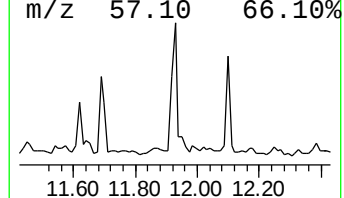
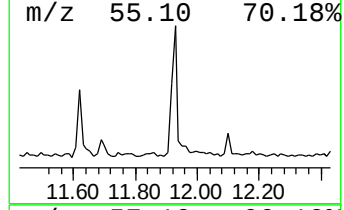
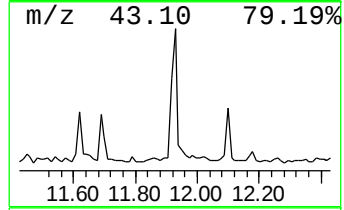
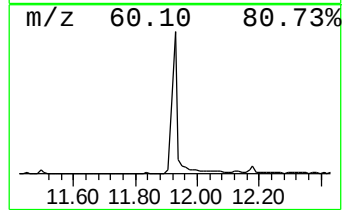
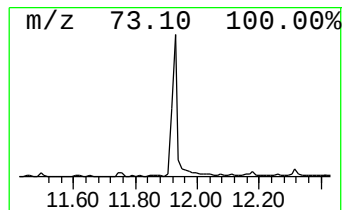
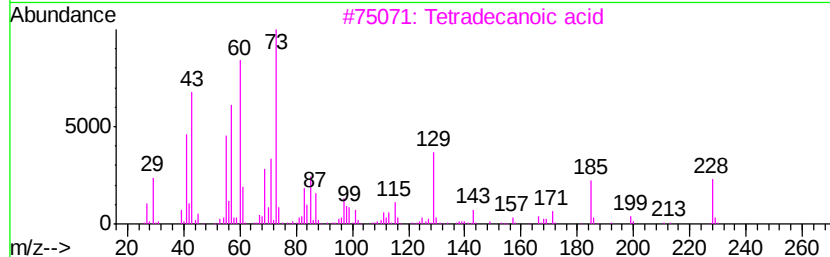
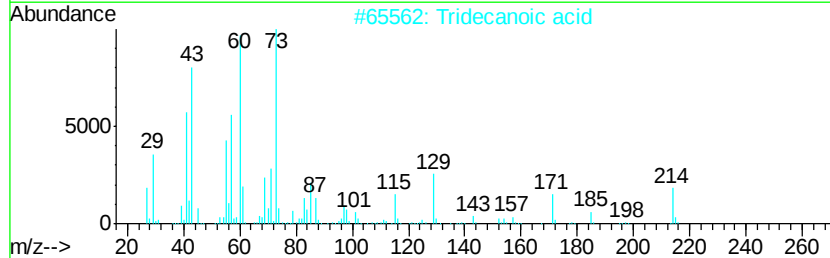
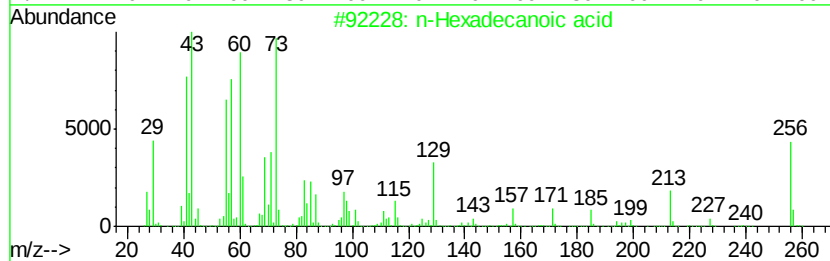
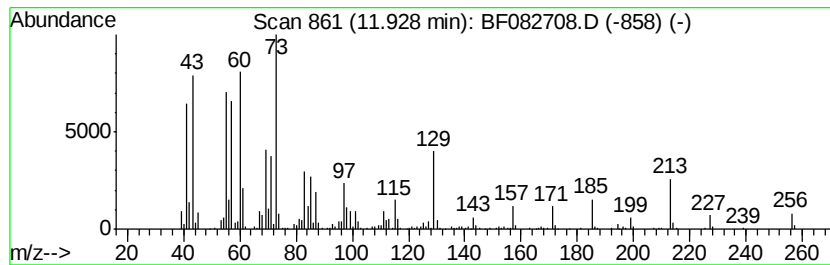
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	7.34 ng	719116	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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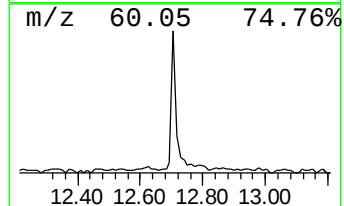
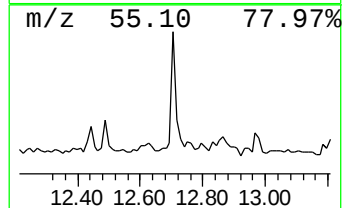
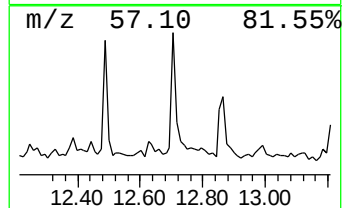
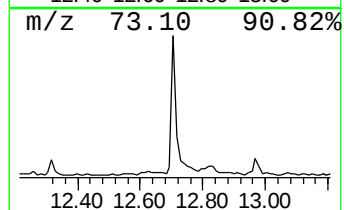
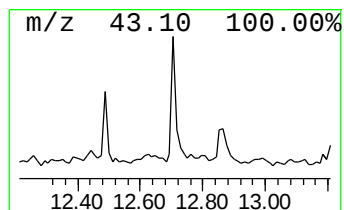
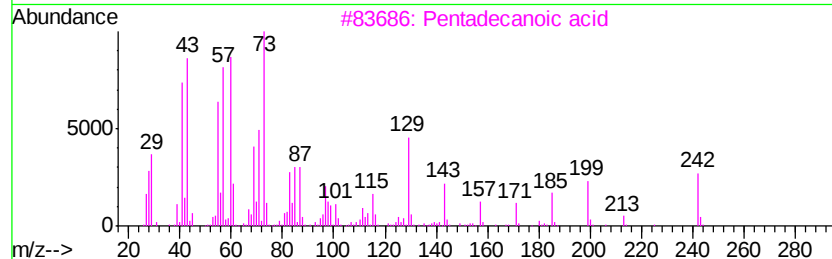
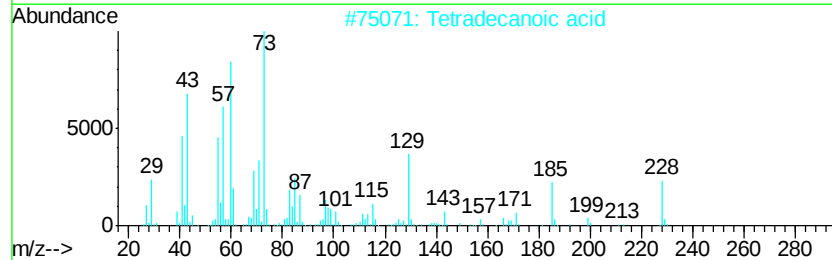
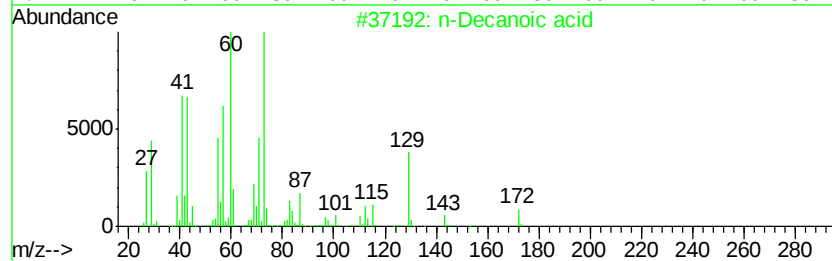
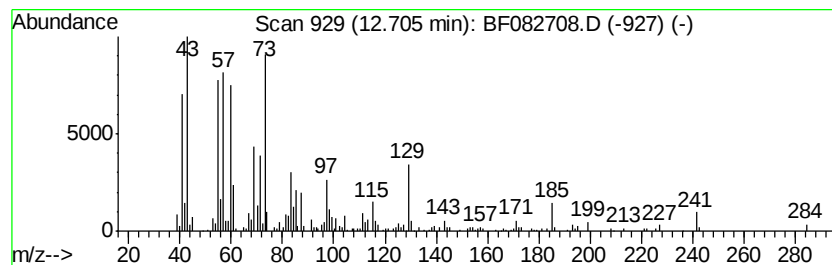
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Peak Number 7 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.22 ng	326113	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	76
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Nonanoic acid	158	C9H18O2	000112-05-0	35
5		Amyl Nitrite	117	C5H11NO2	000110-46-3	27



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(18-20)

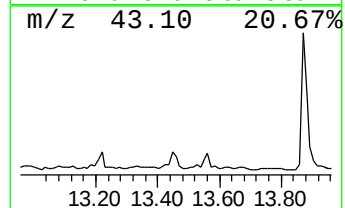
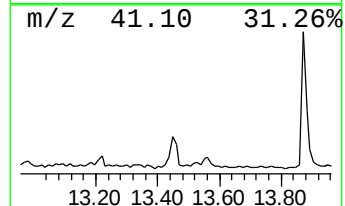
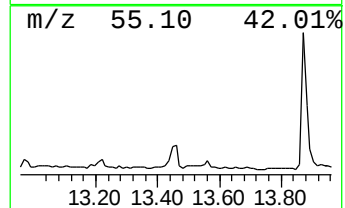
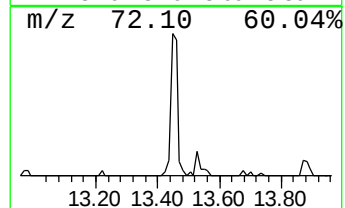
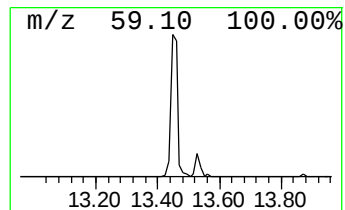
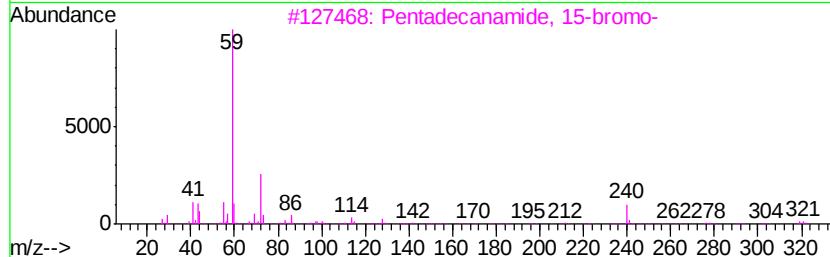
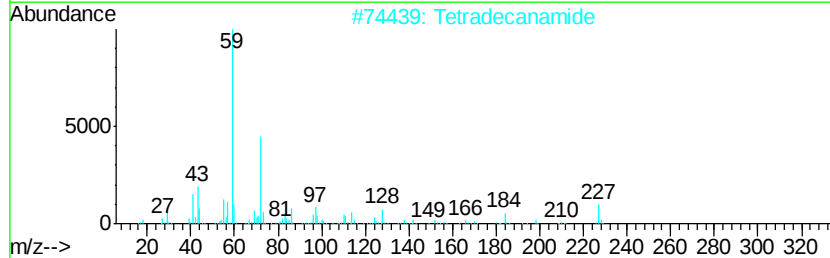
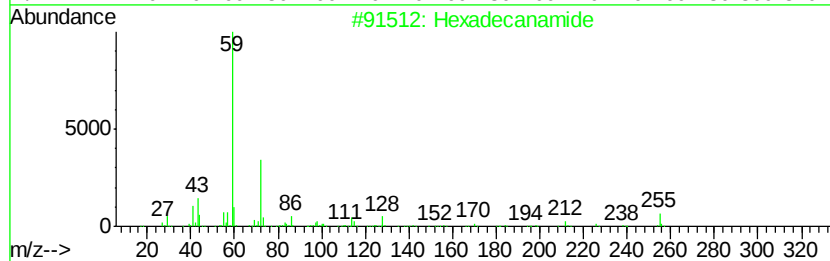
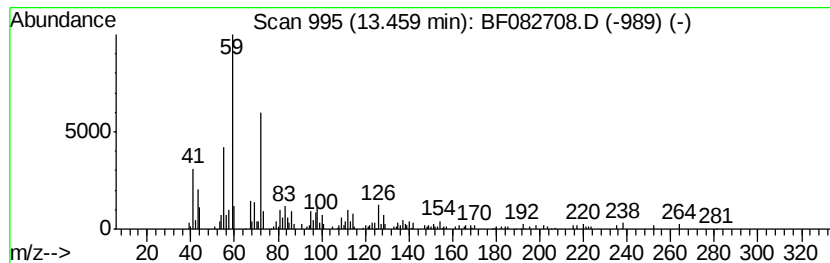
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.76 ng	278967	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanamide	255	C16H33NO	000629-54-9	53
2		Tetradecanamide	227	C14H29NO	000638-58-4	53
3		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53
4		Decanamide-	171	C10H21NO	002319-29-1	53
5		Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082708.D
Acq On : 4 Nov 2015 18:43
Operator : UM/IZ
Sample : G4240-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(18-20)

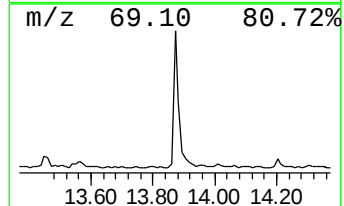
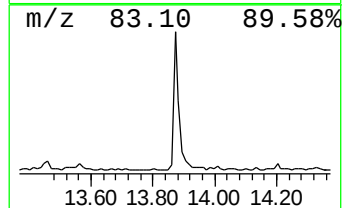
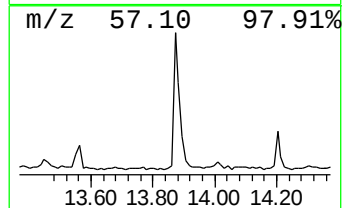
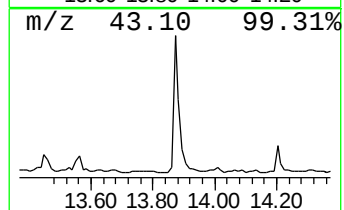
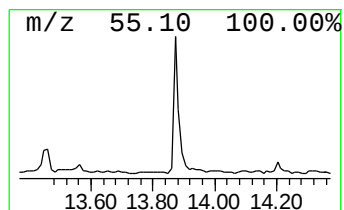
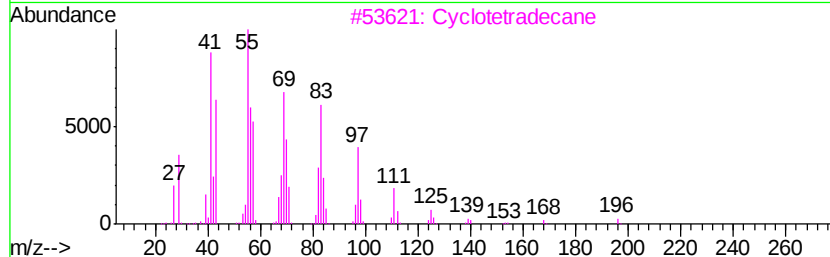
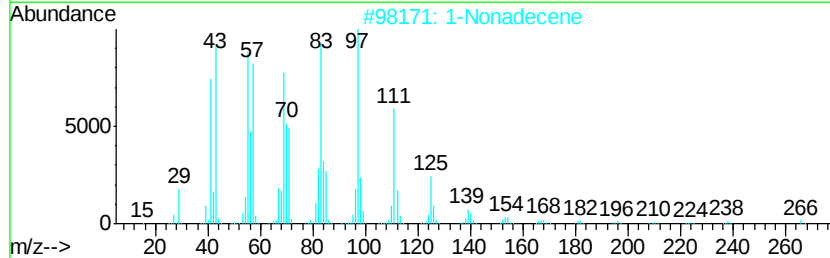
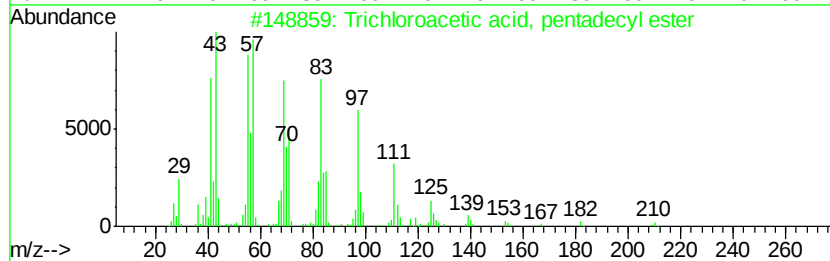
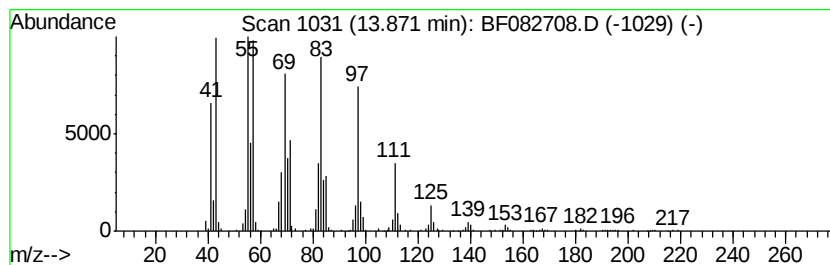
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.11 ng	922548	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Cyclotetradecane	196	C14H28	000295-17-0	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082708.D
Acq On : 4 Nov 2015 18:43
Operator : UM/IZ
Sample : G4240-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	48.3	ng	2929440	1	6.86	1213850	20.0
unknown6.64	6.64	104.1	ng	6315150	1	6.86	1213850	20.0
Eicosane	10.82	2.8	ng	274304	4	11.38	1960340	20.0
n-Hexadecanoic acid	11.93	7.3	ng	719116	4	11.38	1960340	20.0
n-Decanoic acid	12.71	3.2	ng	326113	5	14.02	2024650	20.0
Hexadecanamide	13.46	2.8	ng	278967	5	14.02	2024650	20.0
Trichloroacetic a...	13.87	9.1	ng	922548	5	14.02	2024650	20.0