Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 14 10:00:21 2002 Quant Results File: 050802.RES

Quant Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue May 14 09:56:07 2002
Response via : Initial Calibration
DataAcq Meth : 050802

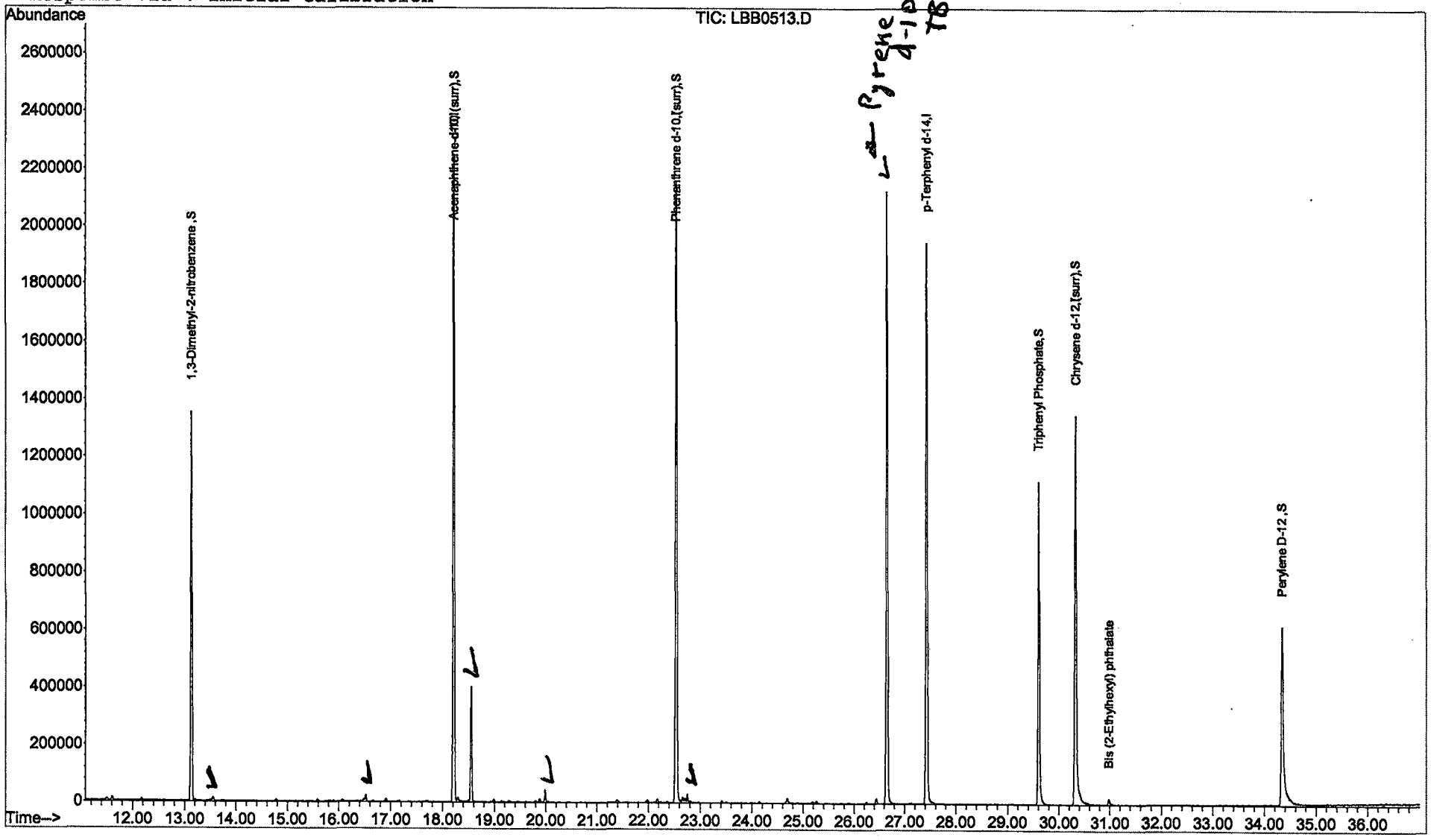
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	1060019	5.00	ug/L	0.00
9) Phenanthrene d-10	22.53	188	1659057	5.00	ug/L	0.00
19) Chrysene d-12	30.32	240	1044771	5.00	ug/L	0.00
25) p-Terphenyl d-14	27.42	244	1184305	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	314159	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.60%		
20) Triphenyl Phosphate	29.60	326	241242	4.68	ug/L	0.00
Spiked Amount 5.000			Recovery =	93.60%		
21) Perylene D-12	34.33	264	526497	3.52	ug/L	0.00
Spiked Amount 5.000			Recovery =	70.40%		
26) Acenaphthene d-10 (surr)	18.21	164	1060019	3.58	ug/L	0.00
Spiked Amount 5.000			Recovery =	71.60%		
27) Phenanthrene d-10 (surr)	22.53	188	1659057	3.92	ug/L	0.00
Spiked Amount 5.000			Recovery =	78.40%		
28) Chrysene d-12 (surr)	30.32	240	1044771	3.88	ug/L	0.00
Spiked Amount 5.000			Recovery =	77.60%		
Target Compounds						Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
4) Hexachlorobenzene	0.00	284	0	N.D.		
5) EPTC	0.00	128	0	N.D.		
6) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
7) 2,4-Dinitotoluene	0.00	165	0	N.D.		
8) Molinate	0.00	126	0	N.D.		
10) Simazine	0.00	201	0	N.D.		
11) Atrazine	0.00	200	0	N.D.		
12) Alachlor	0.00	160	0	N.D.		
13) Terbacil	0.00	117	0	N.D.		
14) Acetochlor	0.00	146	0	N.D.		
15) Metribuzin	0.00	198	0	N.D.		
16) Metolachlor	0.00	162	0	N.D.		
17) Butachlor	0.00	160	0	N.D.	d	
18) 4,4'-DDE	0.00	246	0	N.D.		
22) Bis (2-Ethylhexyl) adipate	0.00	129	0	N.D.		
23) Bis (2-Ethylhexyl) phthala	30.98	149	20870	0.09	ug/L	91
24) Benzo (a) pyrene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 14 10:01 2002 Quant Results File: 050802.RES

Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue May 14 09:56:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
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

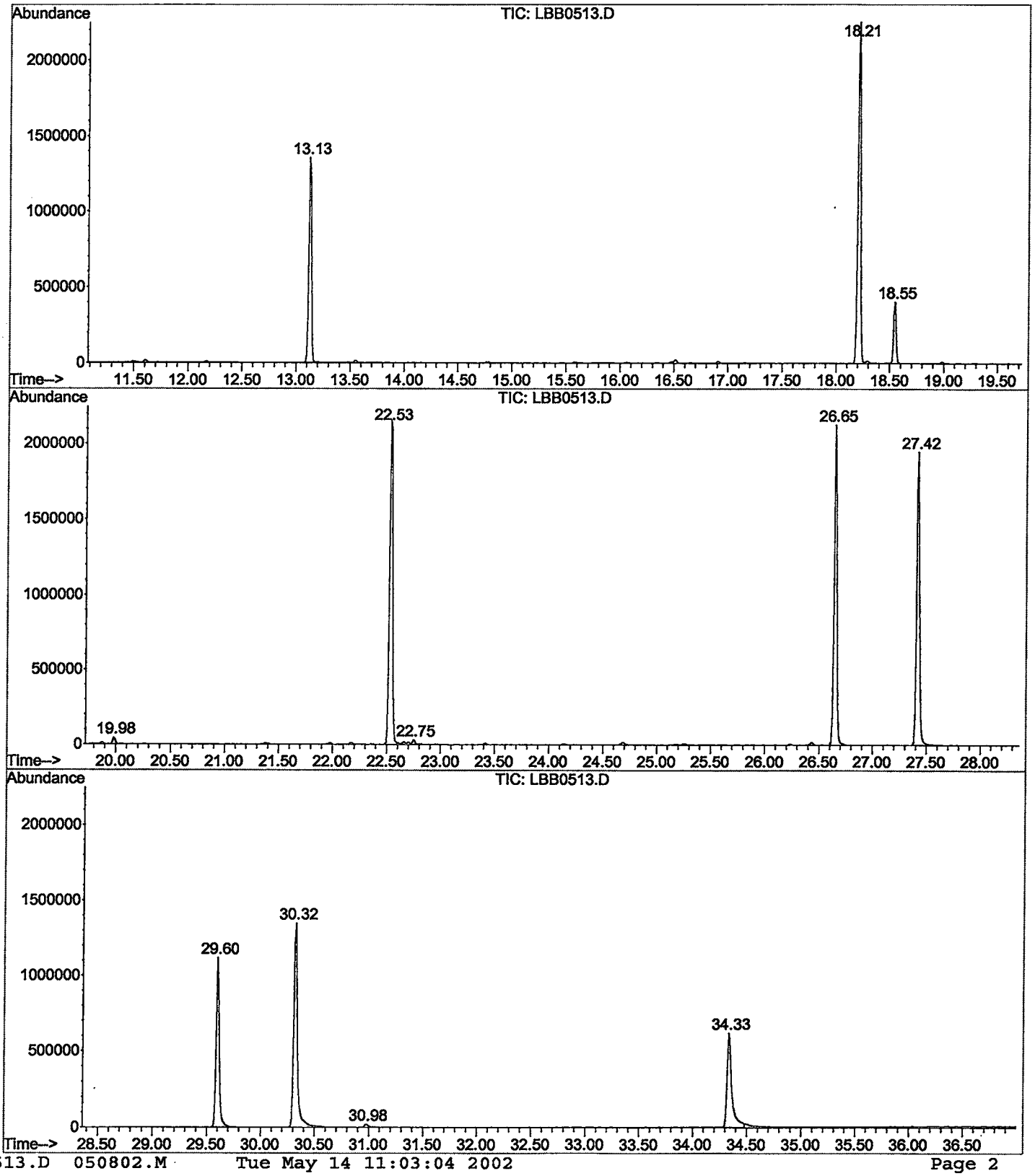
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	13.126	221	226	232	rVB	1352058	2341820	54.68%	8.864%
2	18.214	781	787	793	rBV	2246670	3994780	93.27%	15.121%
3	18.550	819	824	829	rVB	402132	638946	14.92%	2.419%
4	19.983	979	982	986	rBV	43730	64380	1.50%	0.244%
5	22.532	1257	1263	1274	rBV2	2156101	4283093	100.00%	16.212%
6	22.749	1284	1287	1291	rVB2	29213	43678	1.02%	0.165%
7	26.650	1711	1717	1730	rBV	2125483	3965865	92.59%	15.012%
8	27.420	1797	1802	1812	rBV	1946880	3762984	87.86%	14.244%
9	29.597	2037	2042	2057	rBV	1117819	2229614	52.06%	8.440%
10	30.323	2115	2122	2140	rBV2	1349582	3198939	74.69%	12.109%
11	30.976	2189	2194	2201	rBV2	20351	49282	1.15%	0.187%
12	34.332	2558	2564	2580	rBV2	618332	1845128	43.08%	6.984%

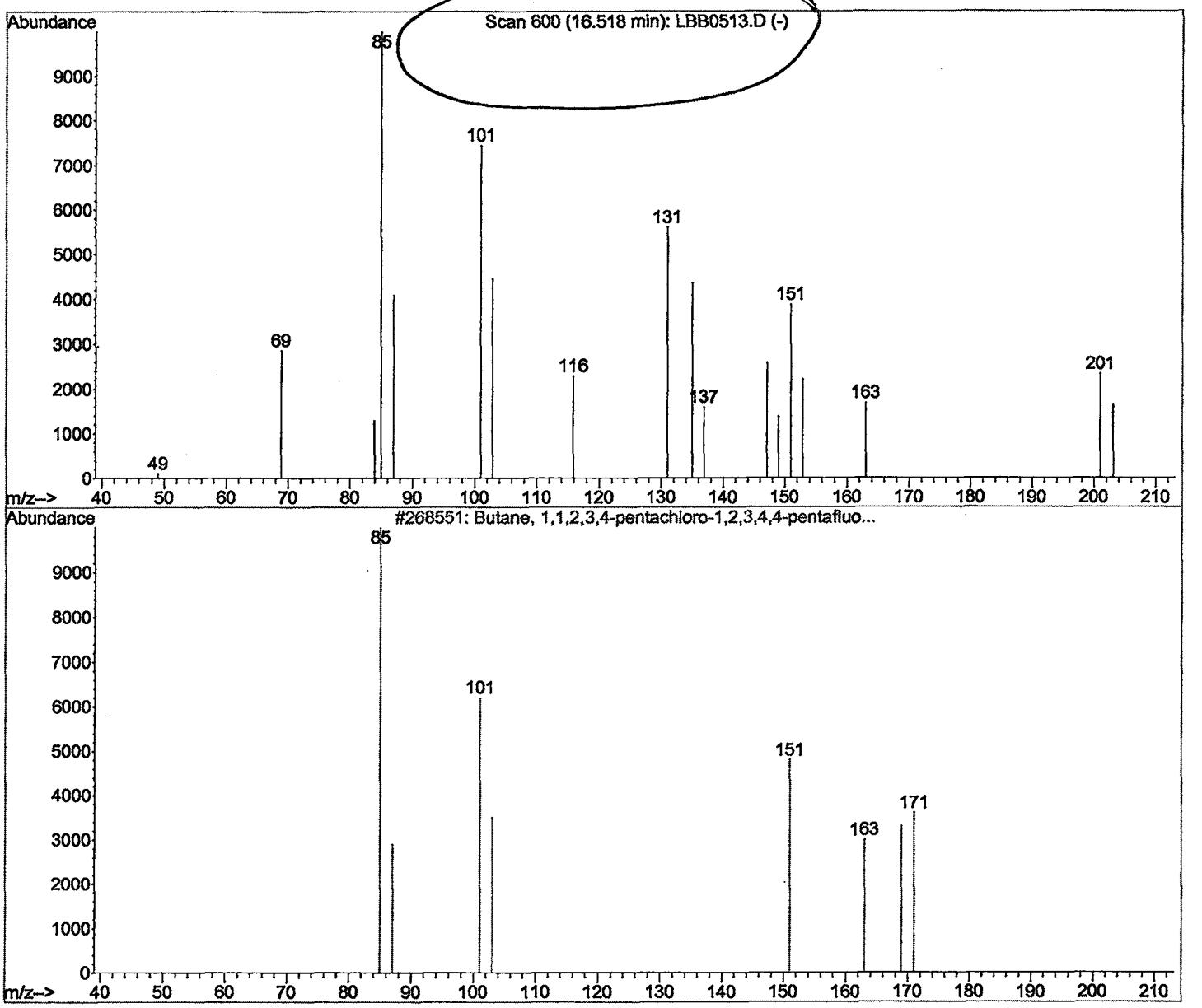
Sum of corrected areas: 26418509

LSC Report - Integrated Chromatogram

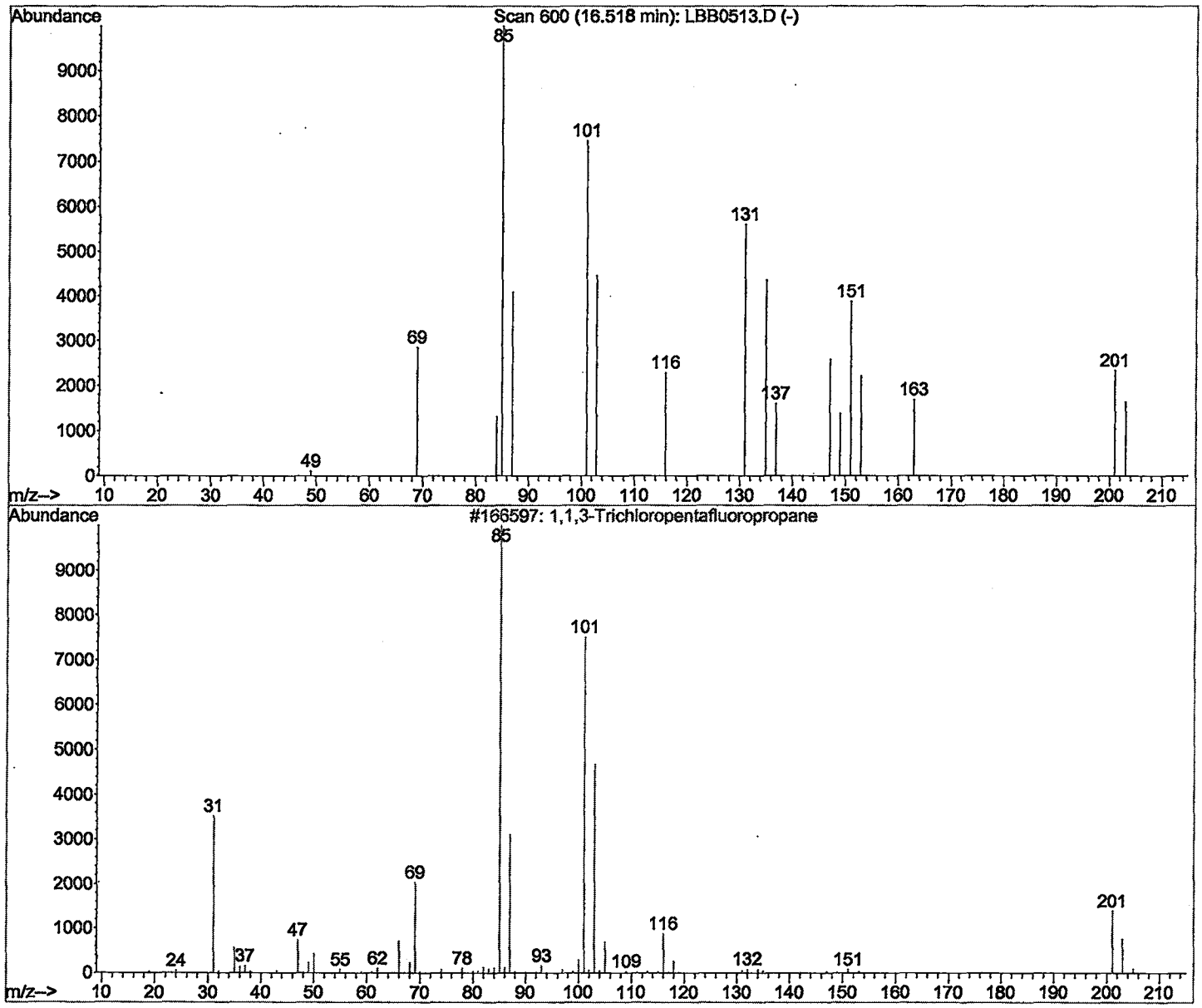
File : C:\MSDCHEM\1\DATA\051302\LBB0513.D
Operator : Bohlk / Inst 213
Acquired : 13 May 2002 8:50 pm using AcqMethod 050802
Instrument : Instrumen
Sample Name: LB 5/13/02
Misc Info :
Vial Number: 12
Quant File :050802.RES (RTE Integrator)



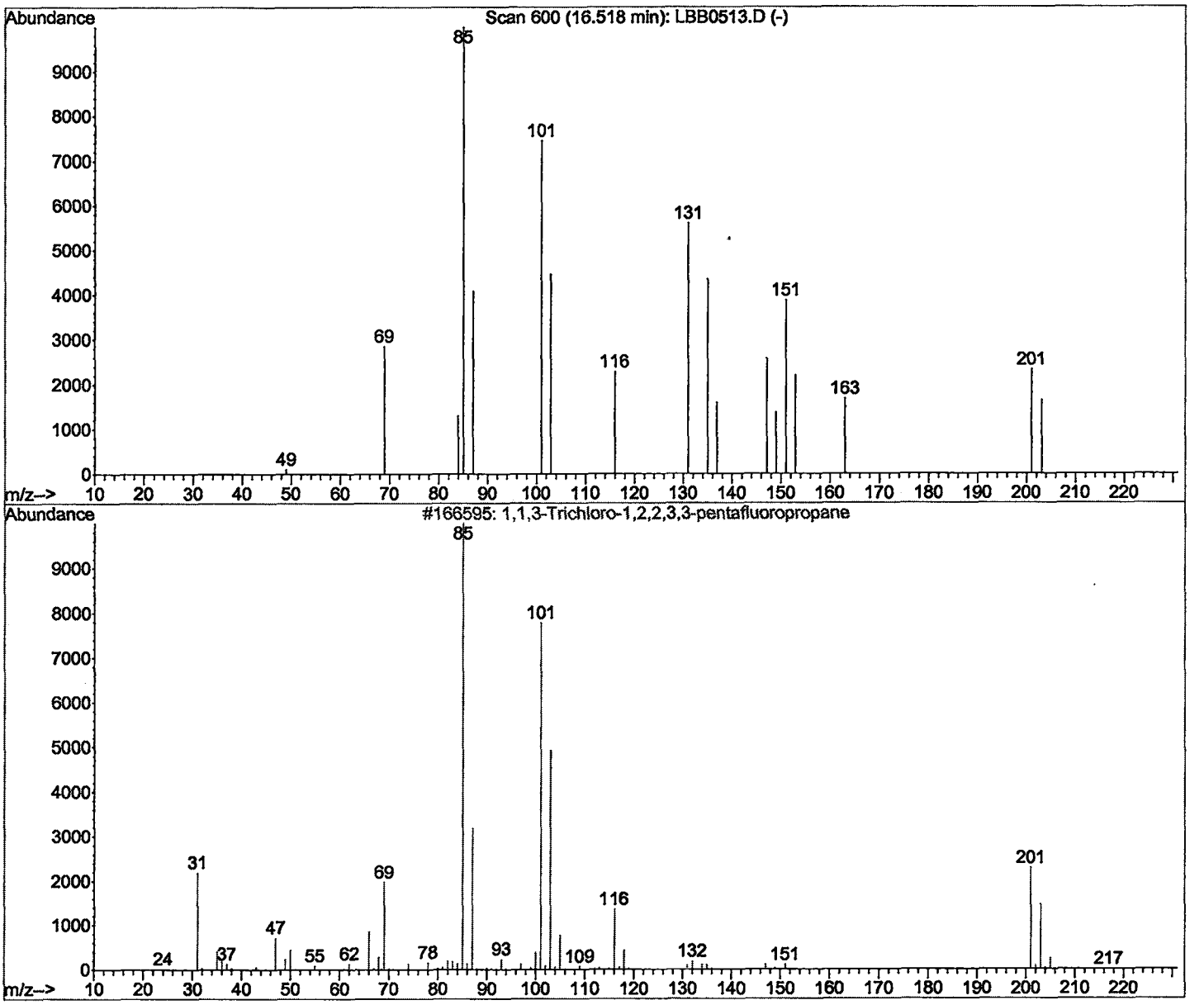
Library Searched : C:\Database\wiley7n.l
Quality : 40
ID : Butane, 1,1,2,3,4-pentachloro-1,2,3,4,4-pentafluoro- (CAS) $$ 1,1,2,3,4-Pentachloro-1,2,3,4,4-pentafluorobutane



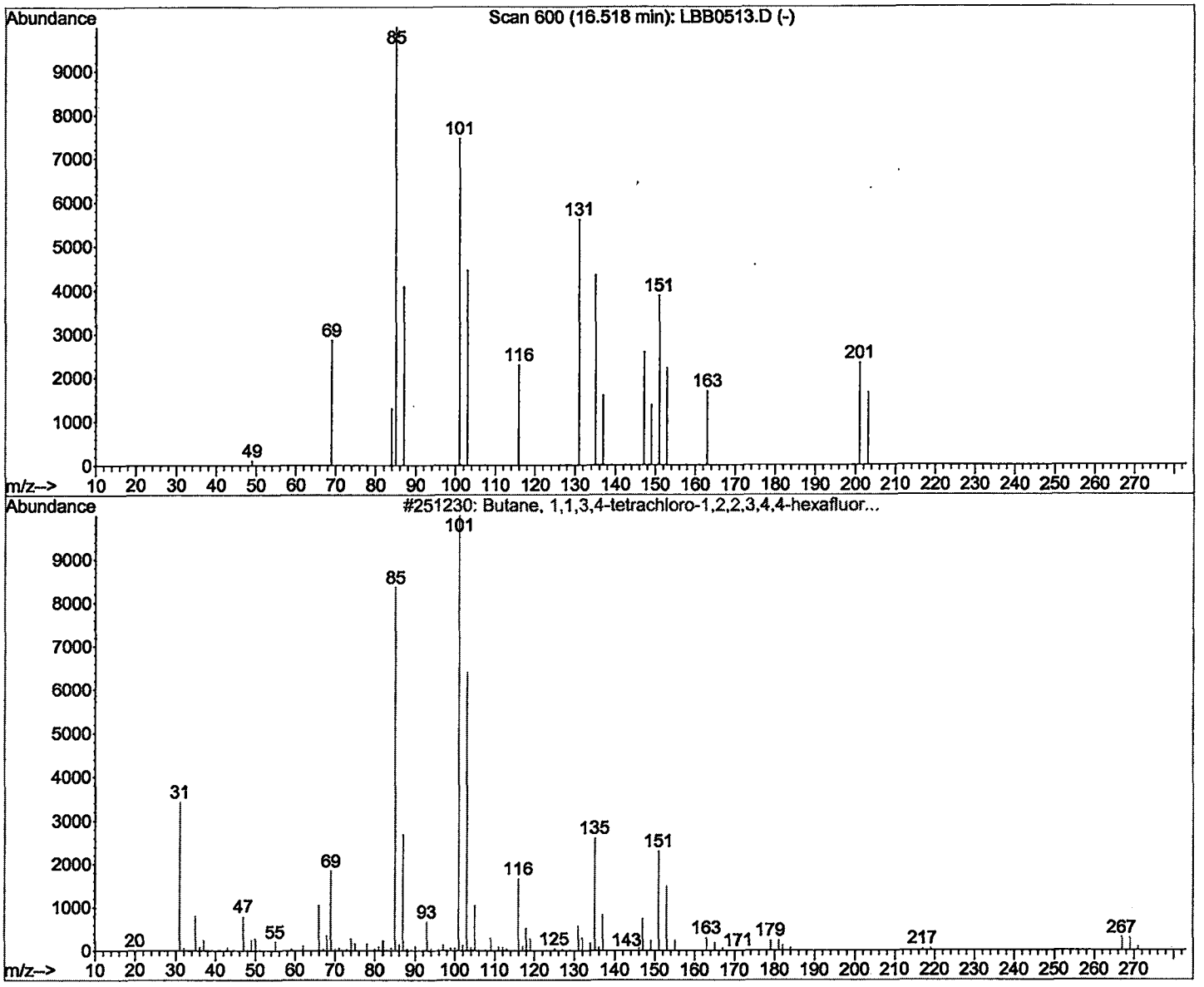
Library Searched : C:\Database\wiley7n.l
Quality : 38
ID : 1,1,3-Trichloropentafluoropropane



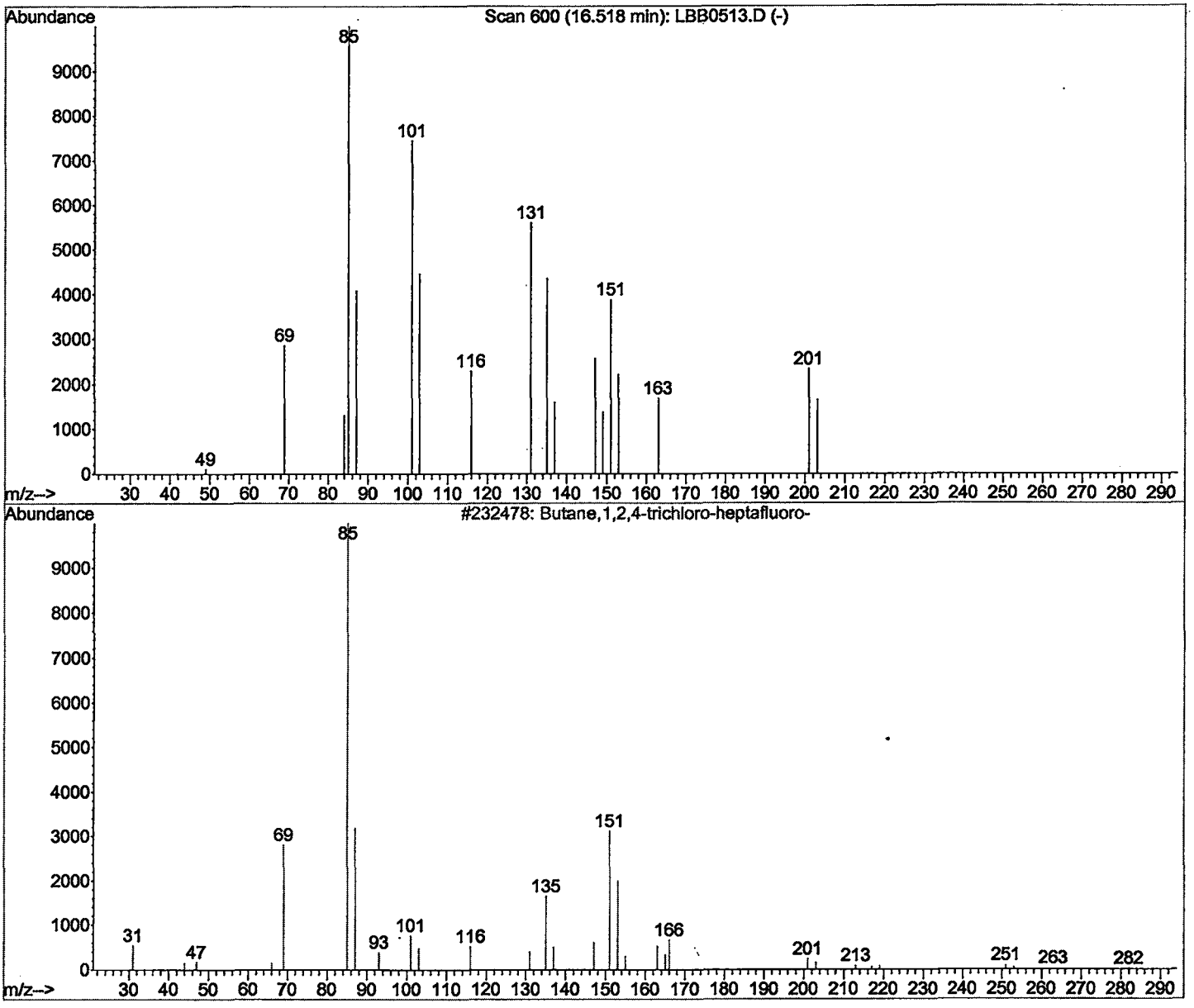
Library Searched : C:\Database\wiley7n.l
Quality : 37
ID : 1,1,3-Trichloro-1,2,2,3,3-pentafluoropropane



Library Searched : C:\Database\wiley7n.l
Quality : 32
ID : Butane, 1,1,3,4-tetrachloro-1,2,2,3,4,4-hexafluoro- $$ Butane, 1,1,3,4-tetrachlorohexafluoro- $$ 1,2,4,4-Tetrachloro-1,1,2,3,3,4-hexafluorobutane $$ Hexafluoro-1,1,3,4-tetrachlorobutane



Library Searched : C:\Database\wiley7n.l
Quality : 32
ID : Butane,1,2,4-trichloro-heptafluoro-



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

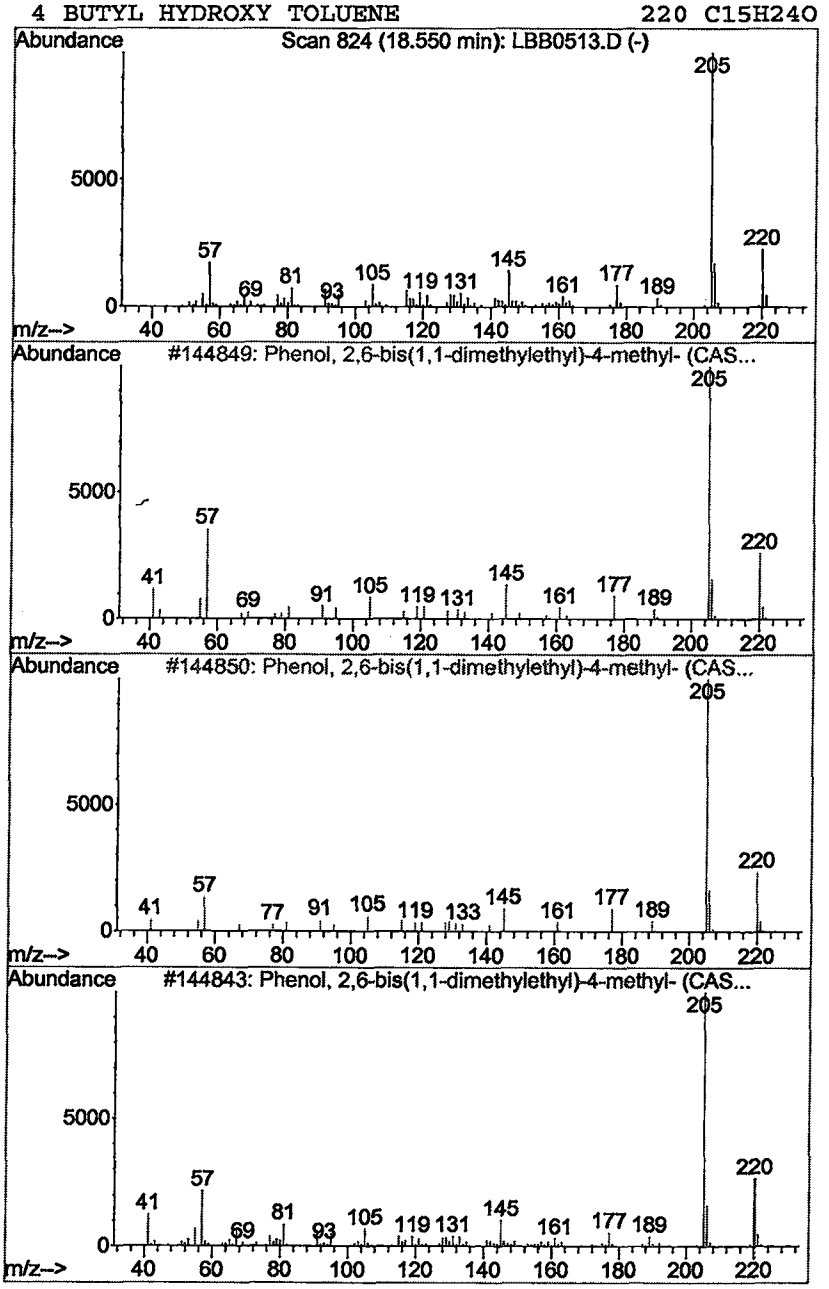
Quant Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

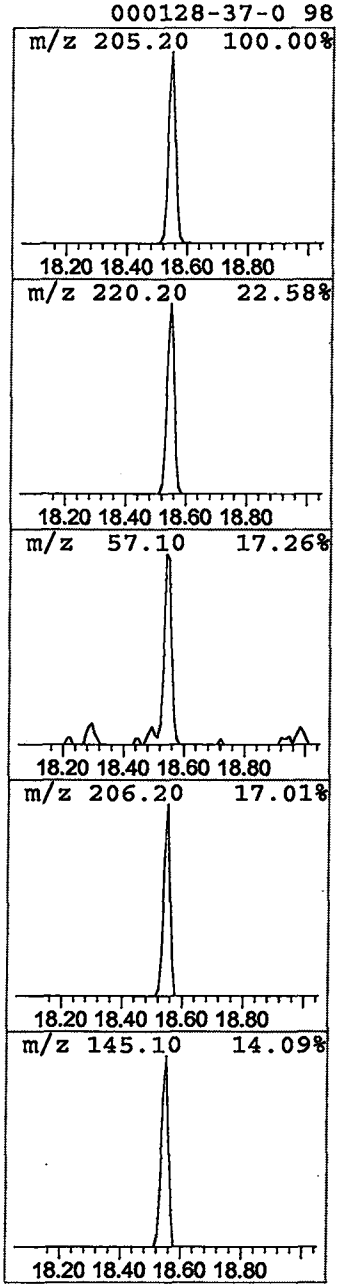
****

Peak Number 1 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	0.80 ug/L	638946	Acenaphthene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	220	C15H24O	000128-37-0	98
2	Phenol, 2,6-bis(1,1-dimethylethy...	220	C15H24O	000128-37-0	98
3	Phenol, 2,6-bis(1,1-dimethylethy...	220	C15H24O	000128-37-0	98
4	BUTYL HYDROXY TOLUENE	220	C15H24O	000128-37-0	98





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

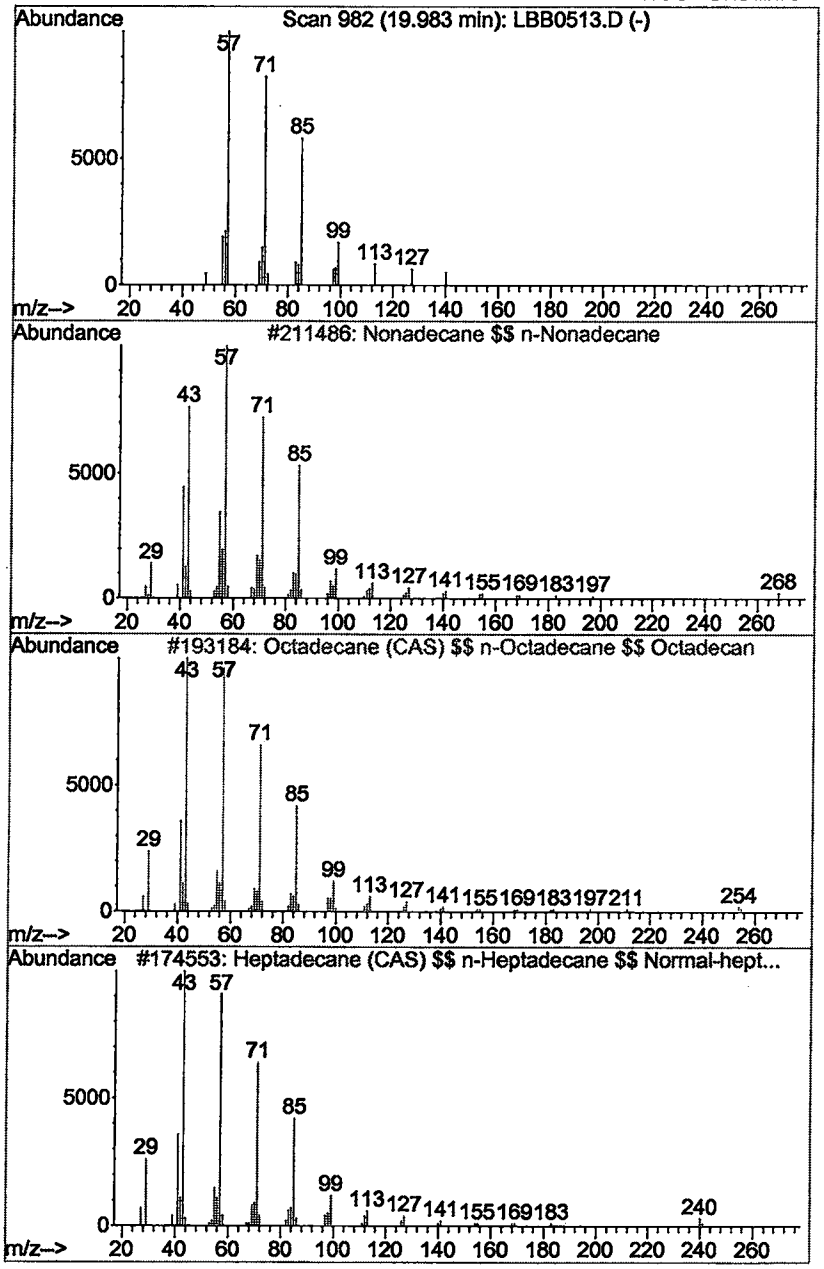
Quant Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

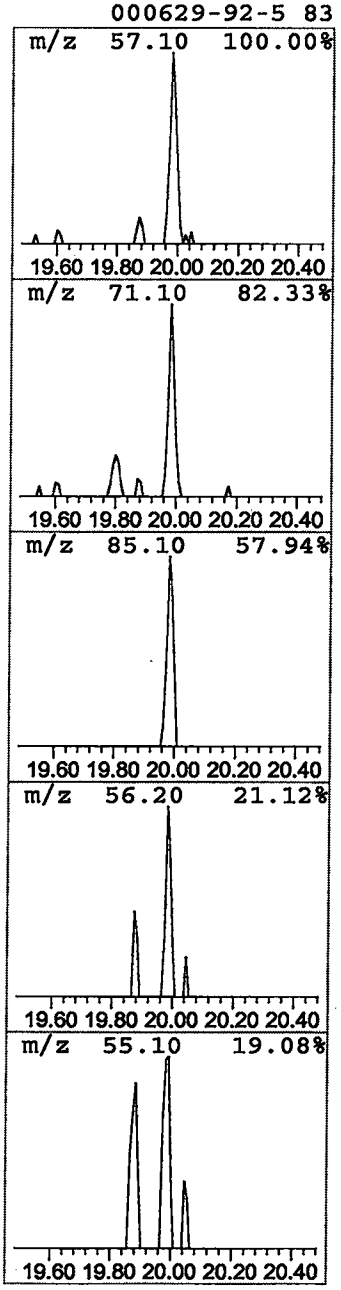
****

Peak Number 2 Nonadecane $$ n-Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	0.08 ug/L	64380	Acenaphthene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane $$ n-Nonadecane	268	C19H40	000629-92-5	90
2	Octadecane (CAS) $$ n-Octadecane...	254	C18H38	000593-45-3	86
3	Heptadecane (CAS) $$ n-Heptadeca...	240	C17H36	000629-78-7	86
4	Nonadecane	268	C19H40	000629-92-5	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

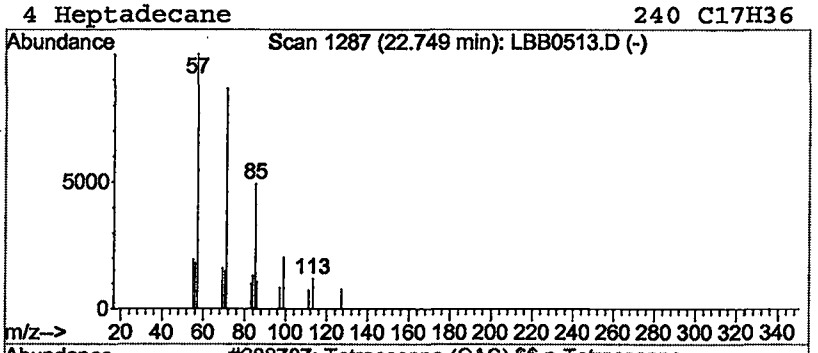
Quant Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

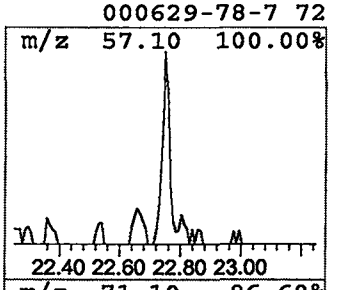
****

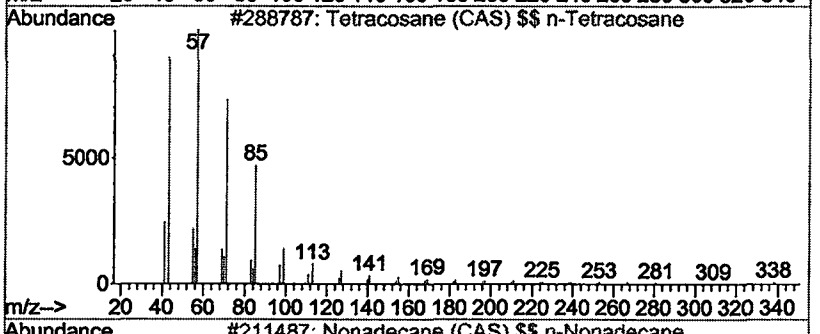
Peak Number 3 Tetracosane (CAS) $$ n-Tetr... Concentration Rank 4

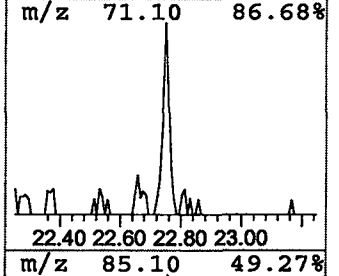
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	0.05 ug/L	43678	Phenanthrene d-10	22.53

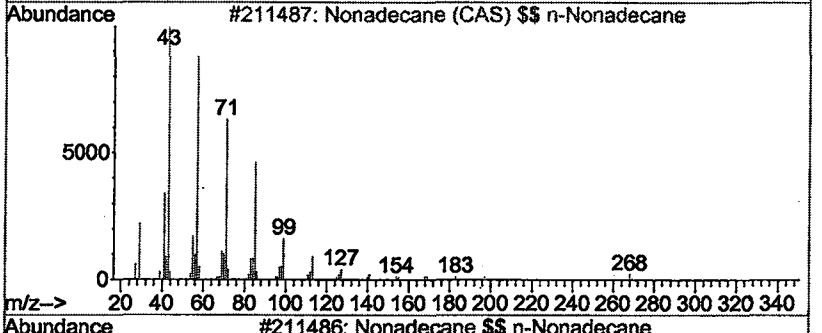
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane (CAS) $$ n-Tetracosane	338	C24H50	000646-31-1	86
2	Nonadecane (CAS) $$ n-Nonadecane	268	C19H40	000629-92-5	83
3	Nonadecane $$ n-Nonadecane	268	C19H40	000629-92-5	80
4	Heptadecane	240	C17H36	000629-78-7	72

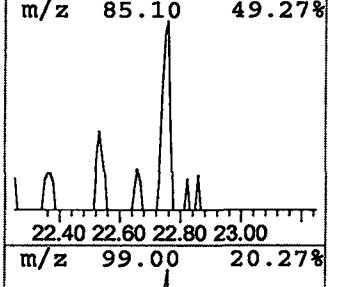


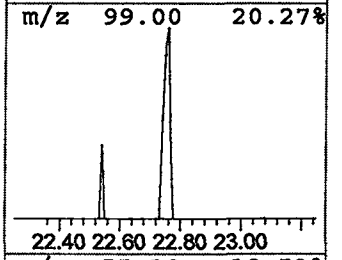


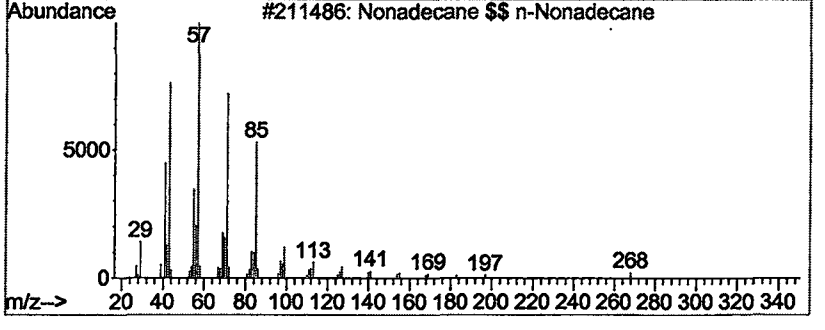


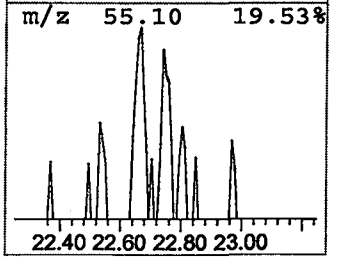












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051302\LBB0513.D Vial: 12
Acq On : 13 May 2002 8:50 pm Operator: Bohlk / Inst 213
Sample : LB 5/13/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

****

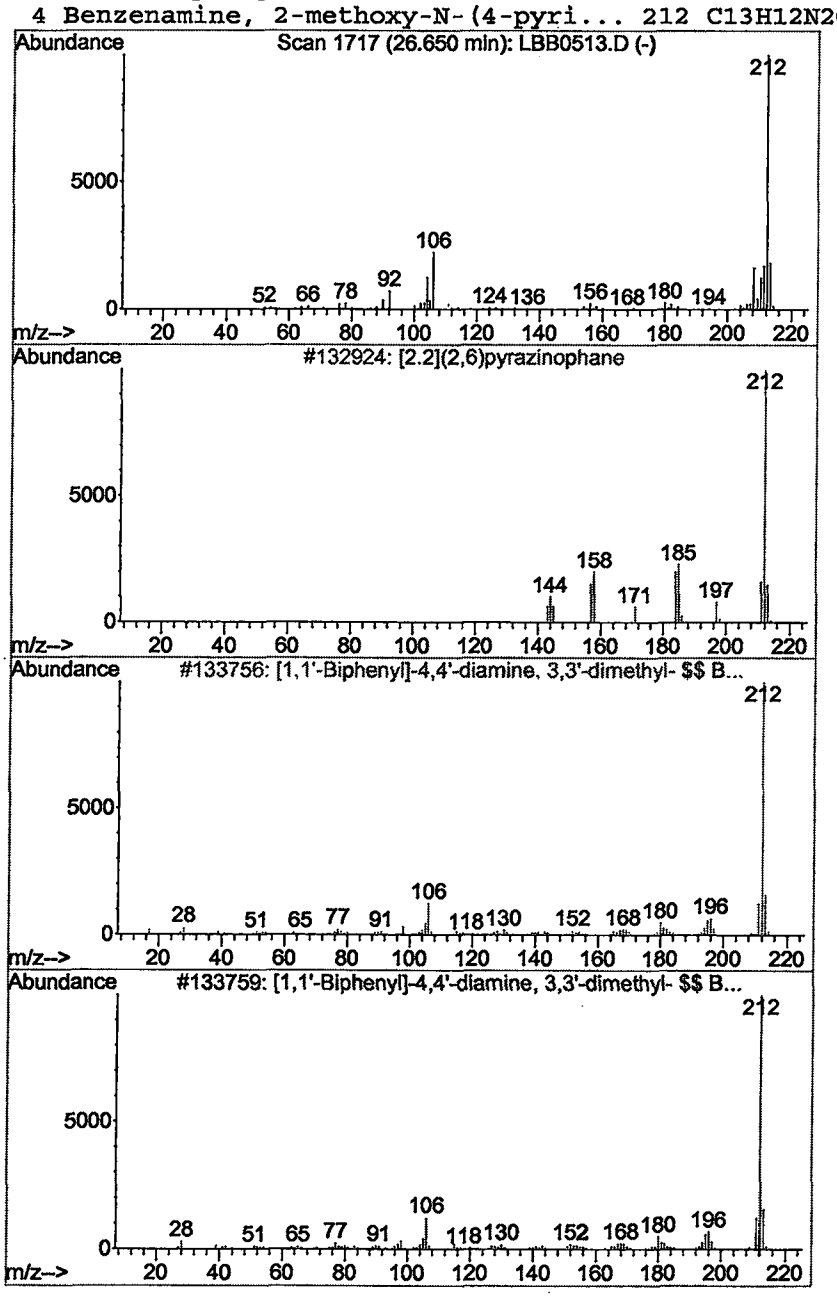
Peak Number 4 [2.2](2,6)pyrazinophane Concentration Rank 1

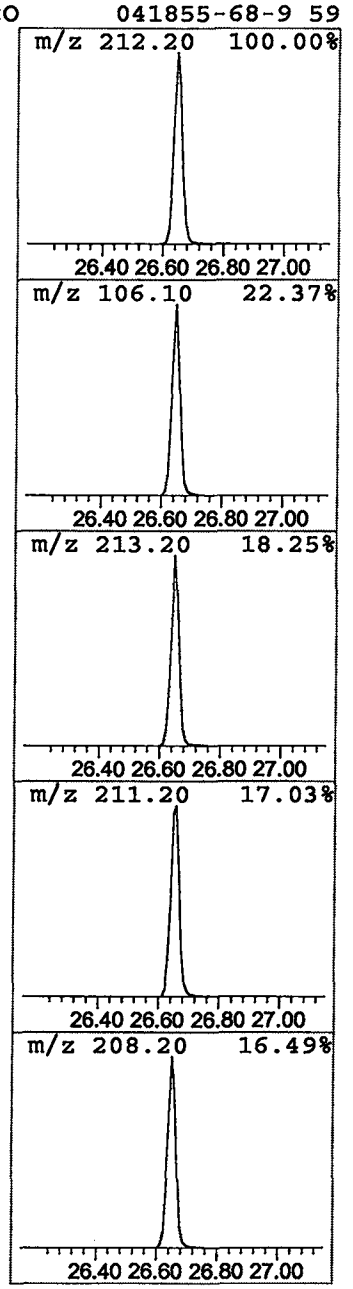
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.65	5.27 ug/L	3965870	p-Terphenyl d-14	27.42

Pyrene d-10

TB

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2.2](2,6)pyrazinophane	212	C12H12N4	123624-86-2	64
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	59
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	59
4	Benzenamine, 2-methoxy-N-(4-pyri...	212	C13H12N2O	041855-68-9	59





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk / Inst 213 Date Acquired: 13 May 2002 8:50 pm
Data File: C:\MSDCHEM\1\DATA\051302\LBB0513.D
Name: LB 5/13/02
Misc:
Method: C:\MSDCHEM\1\5973N\050802.M (RTE Integrator)
Title: Quantitation For Method 525.2
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2,6-bis(1...	18.55	0.8	ug/L	638946	1	18.21	3994780	5.0
Nonadecane $$ n-N...	19.98	0.1	ug/L	64380	1	18.21	3994780	5.0
Tetracosane (CAS)...	22.75	0.1	ug/L	43678	2	22.53	4283090	5.0
[2.2](2,6)pyrazin...	26.65	5.3	ug/L	3965870	3	27.42	3762980	5.0