User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 16:19:49

Sample: AE03477
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/28/02 16:15 Ended: 3/28/02 16:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr, 2,4-DBD [illegible]	USPEC	160 [illegible]	[illegible]	[illegible]

Comments for Sample AE03477 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-28-2002 Time: 16:20:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\3477.D Vial: 34
Acq On : 12 Mar 2002 4:08 pm Operator: McLean
Sample : SAMPLE 3477 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:09:01 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

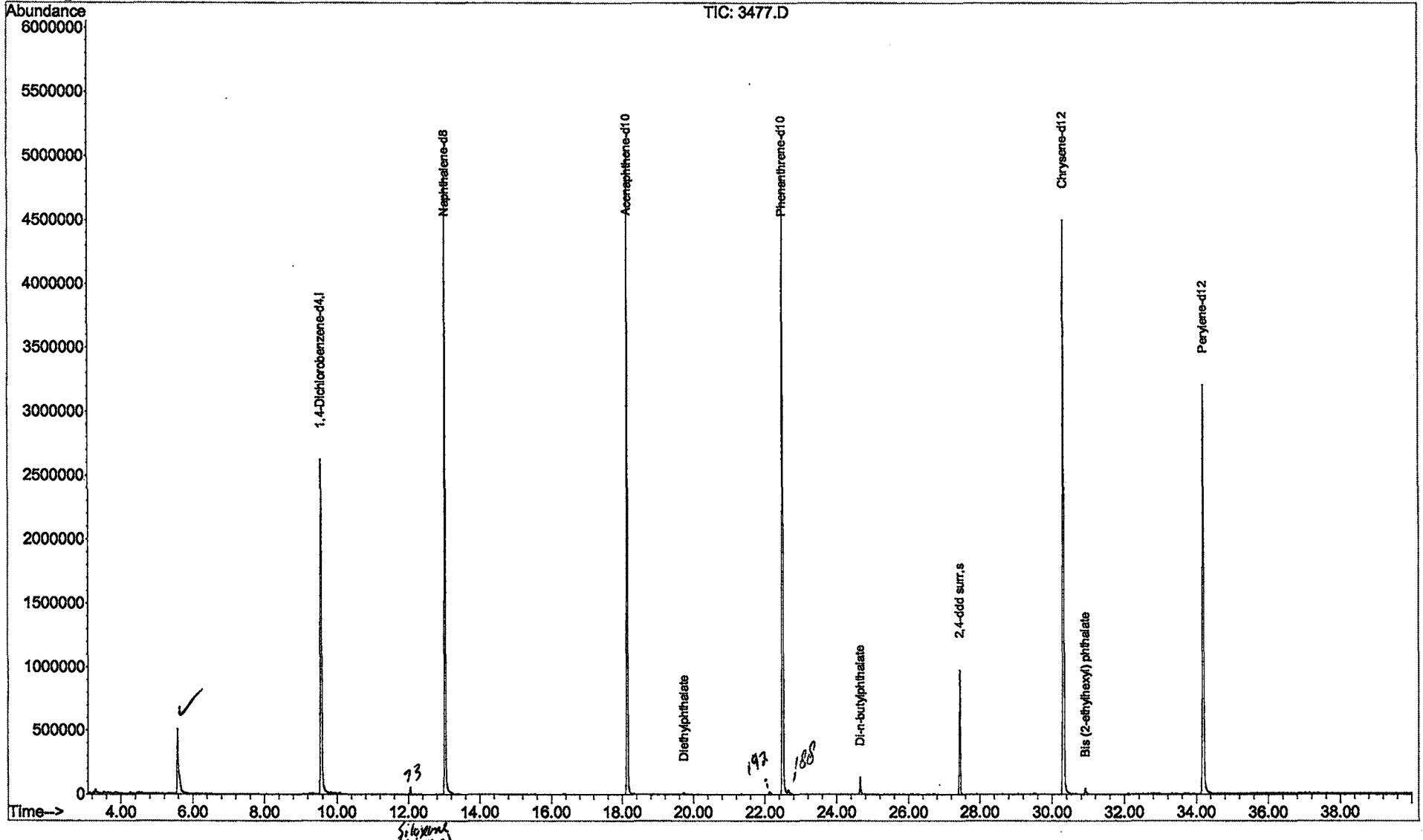
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1623443	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4391060	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2443710	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3791768	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3683418	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	2505243	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.44	235	372783	8.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 164.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D. d		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D. d		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	19.72	149	13048	0.11	ug/L	95
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.65	149	153247	0.76	ug/L	98
36) Fluoranthene	0.00	202	0	N.D. d		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D. d		
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	28007	0.19	ug/L	92
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D. d		
46) Benzo (b) fluoranthene	0.00	252	0	N.D. d		

(#) = qualifier out of range (m) = manual integration
3477.D 5080302.M Fri Mar 15 11:11:44 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\3477.D Vial: 34
Acq On : 12 Mar 2002 4:08 pm Operator: McLean
Sample : SAMPLE 3477 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:11 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031202\3477.D Vial: 34
Acq On : 12 Mar 2002 4:08 pm Operator: McLean
Sample : SAMPLE 3477 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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

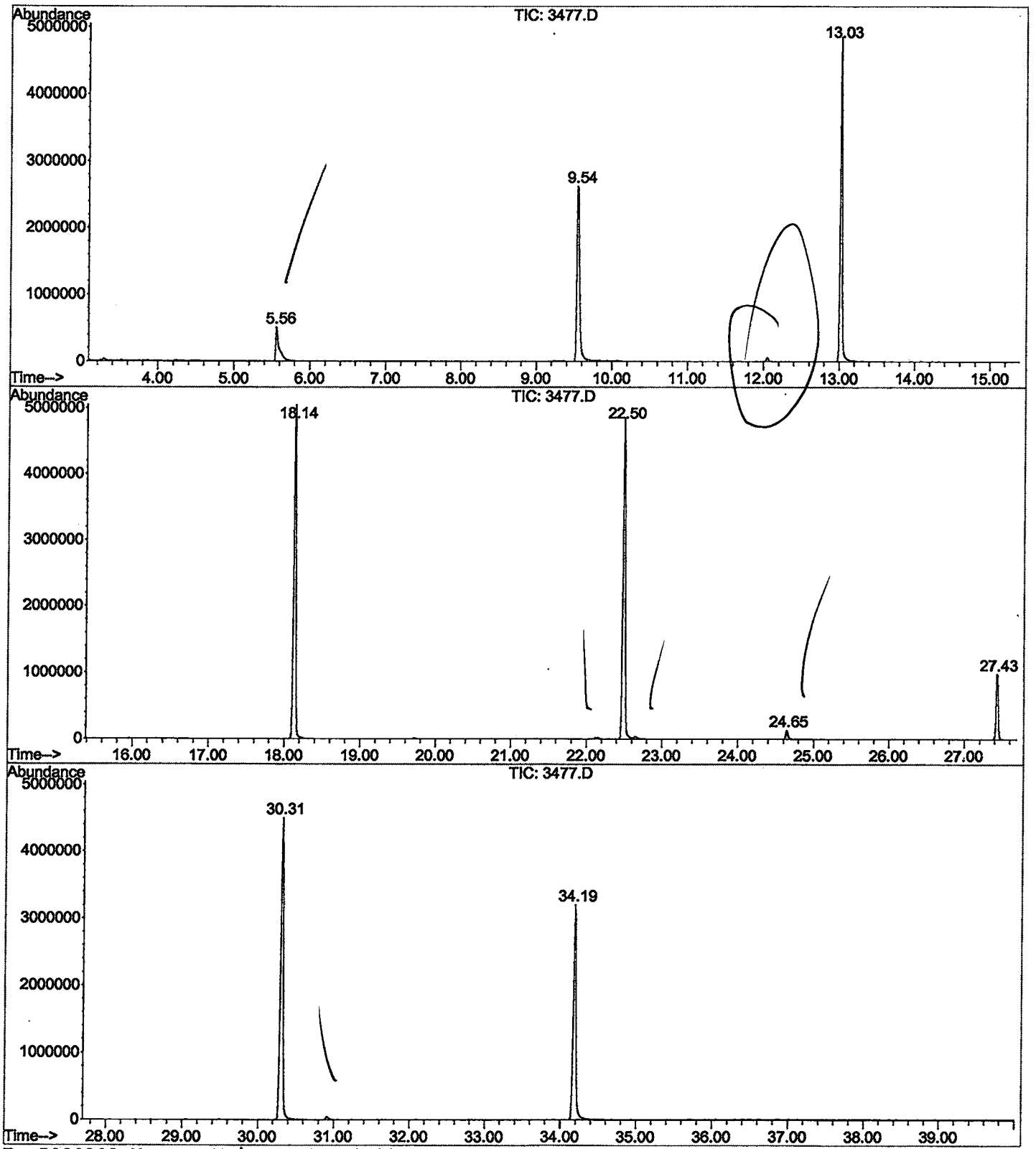
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	271	274	296	rBV	504735	1518247	14.11%	2.551%
2	9.543	708	713	727	rBV	2622890	6713797	62.39%	11.282%
3	13.026	1091	1097	1112	rBV	4845257	9391291	87.27%	15.782%
4	18.142	1654	1661	1683	rBV	5042945	10193638	94.73%	17.130%
5	22.496	2135	2141	2154	rBV2	4844549	10450365	97.12%	17.561%
6	24.645	2374	2378	2388	rBV	133798	252789	2.35%	0.425%
7	27.430	2680	2685	2699	rBB	983065	1962592	18.24%	3.298%
8	30.314	2995	3003	3019	rBV2	4499080	10760584	100.00%	18.083%
9	34.187	3423	3430	3446	rBV2	3205905	8264055	76.80%	13.887%

Sum of corrected areas: 59507358

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031202\3477.D
Operator : McLean
Acquired : 12 Mar 2002 4:08 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3477 2/19/02
Misc Info :
Vial Number: 34
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031202\3477.D Vial: 34
Acq On : 12 Mar 2002 4:08 pm Operator: McLean
Sample : SAMPLE 3477 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

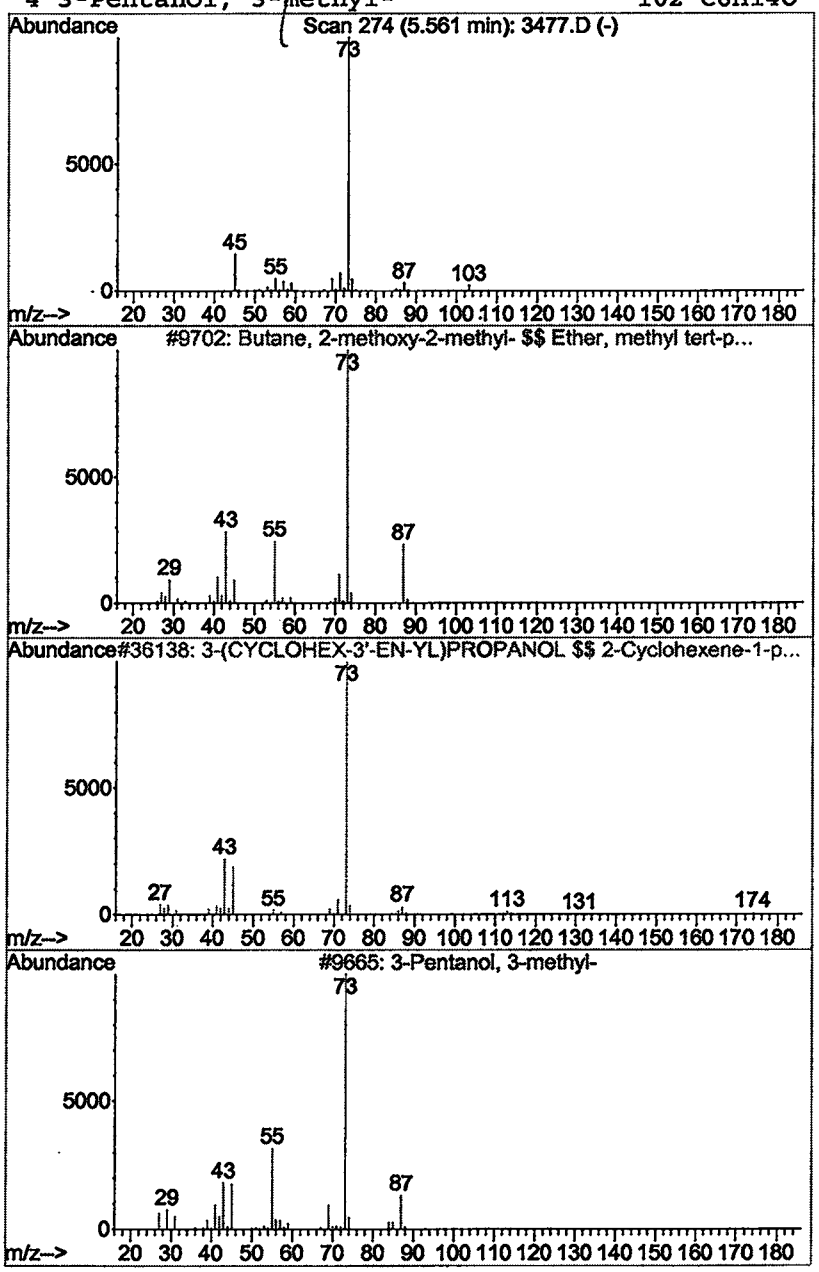
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

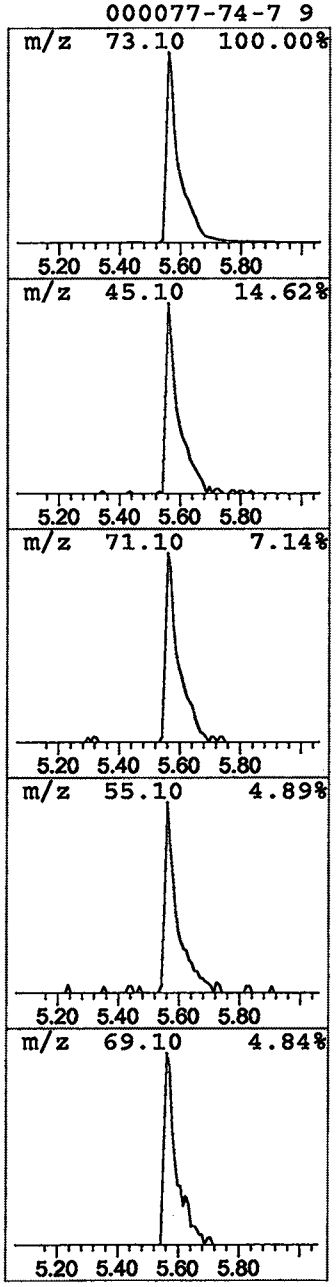
****

Peak Number 1 Butane, 2-methoxy-2-methyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	4.52 ug/L	1518250	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 12 Mar 2002 4:08 pm
Data File: C:\MSDCHEM\1\DATA\031202\3477.D
Name: SAMPLE 3477 2/19/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butane, 2-methoxy...	5.56	4.5	ug/L	1518250	1	9.55	6713800	20.0