User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 14:59:07

Sample: AE05308
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 14:58 Ended: 3/29/02 14:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	138		[illegible]

Comments for Sample AE05308 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 14:59:11

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:50:25 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	1444305	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3904314	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2170237	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3313738	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2990946	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1700689	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	272338	6.89	ug/L	0.00
Spiked Amount 5.000			Recovery = 137.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.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.		
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	0.00	149	0	N.D.		
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	77327	0.44	ug/L	99
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.91	149	9996	0.09	ug/L	79
43) Chrysene	0.00	228	0	N.D.	d	
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:50:25 2002 Quant Results File: 5080302.RES

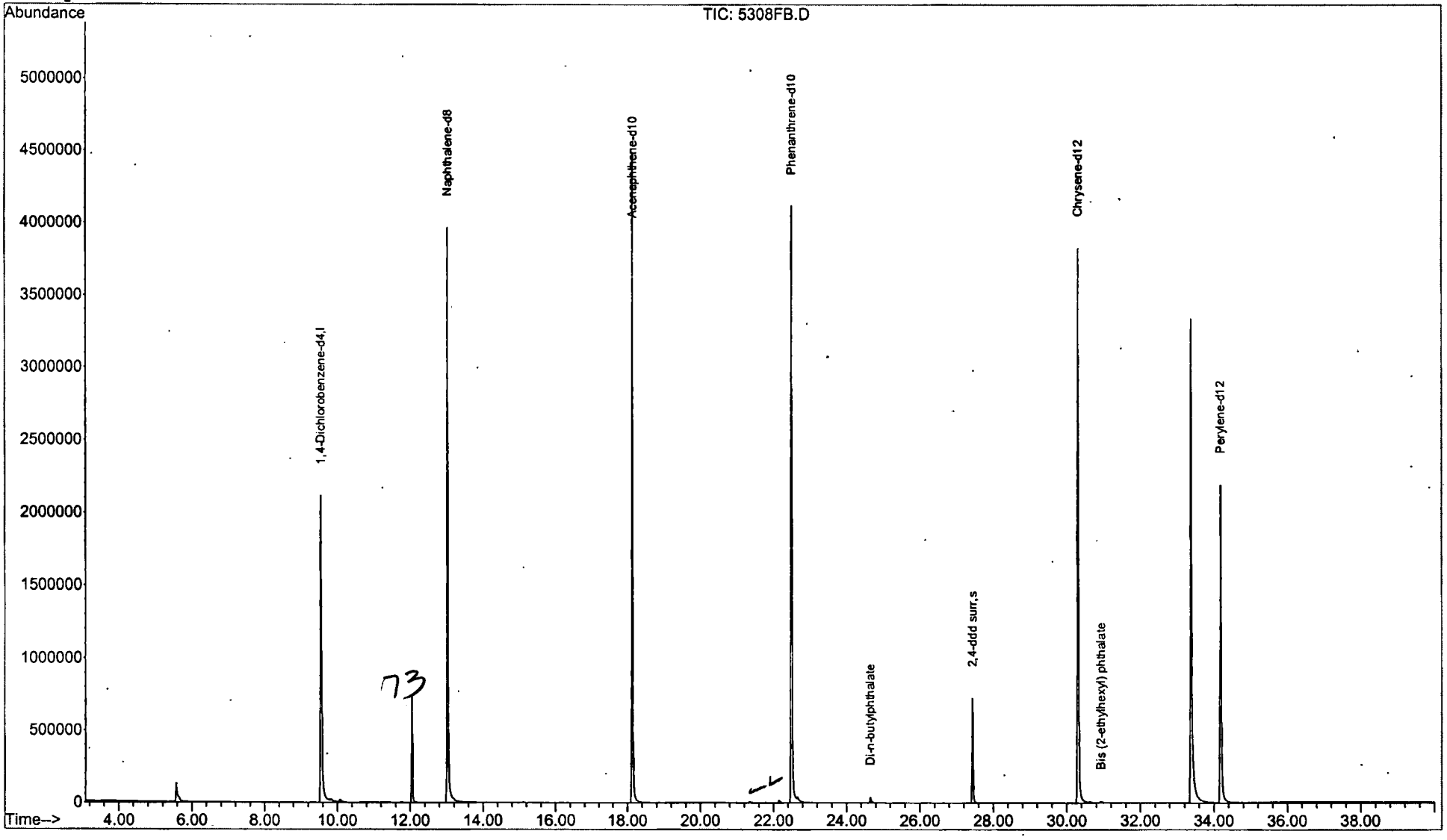
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	d
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 6:51 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\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 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

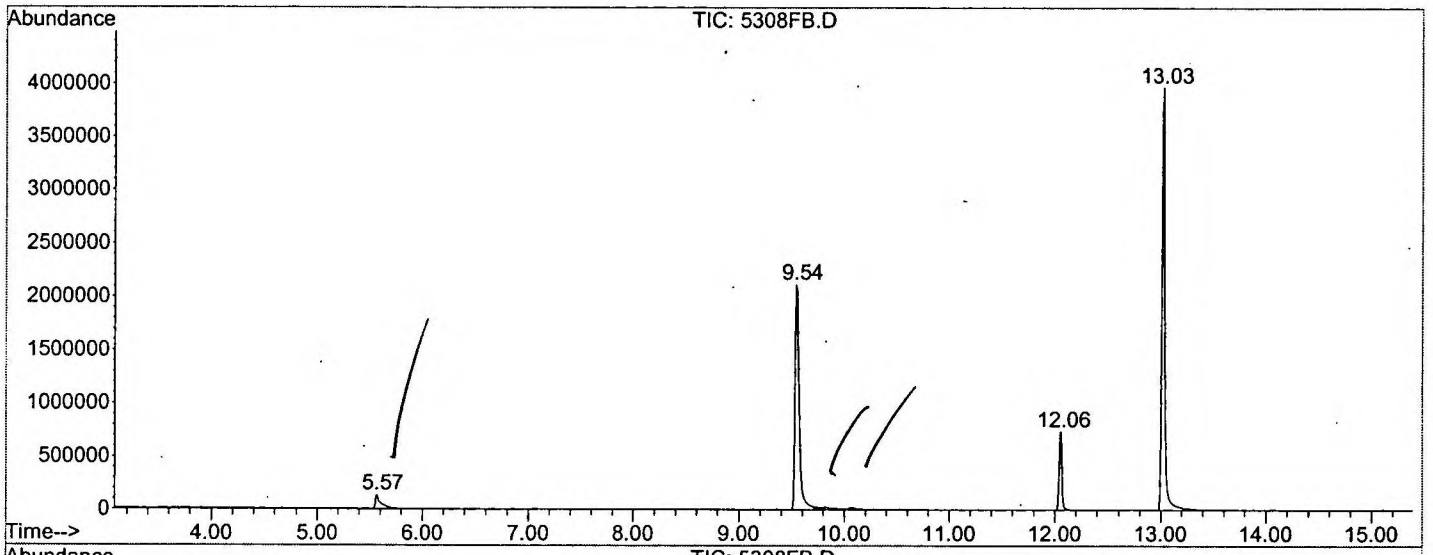
Signal : TIC

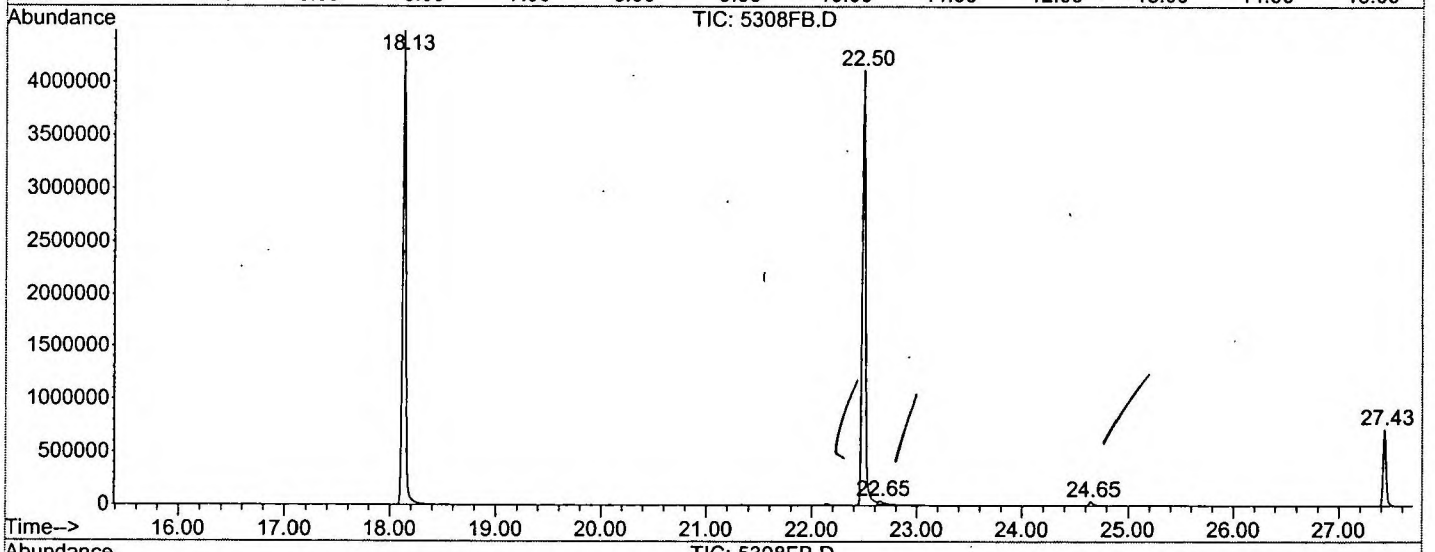
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	271	275	288	rBV	128793	411900	4.52%	0.699%
2	9.543	709	713	732	rBV	2113647	5926822	65.09%	10.054%
3	12.056	985	990	999	rBV	738540	1372999	15.08%	2.329%
4	13.026	1091	1097	1119	rBV	3967065	8381408	92.04%	14.217%
5	18.133	1654	1660	1679	rBV	4482713	8992841	98.76%	15.255%
6	22.496	2135	2141	2155	rBV2	4119206	9106073	100.00%	15.447%
7	22.650	2155	2158	2167	rVB2	33739	112644	1.24%	0.191%
8	24.645	2374	2378	2388	rBV	38422	99632	1.09%	0.169%
9	27.430	2680	2685	2700	rBV	721350	1416906	15.56%	2.404%
10	30.305	2995	3002	3024	rBV2	3826952	8713737	95.69%	14.781%
11	33.380	3334	3341	3368	rBV	3338214	8755719	96.15%	14.852%
12	34.178	3422	3429	3449	rBV2	2187958	5660805	62.17%	9.602%

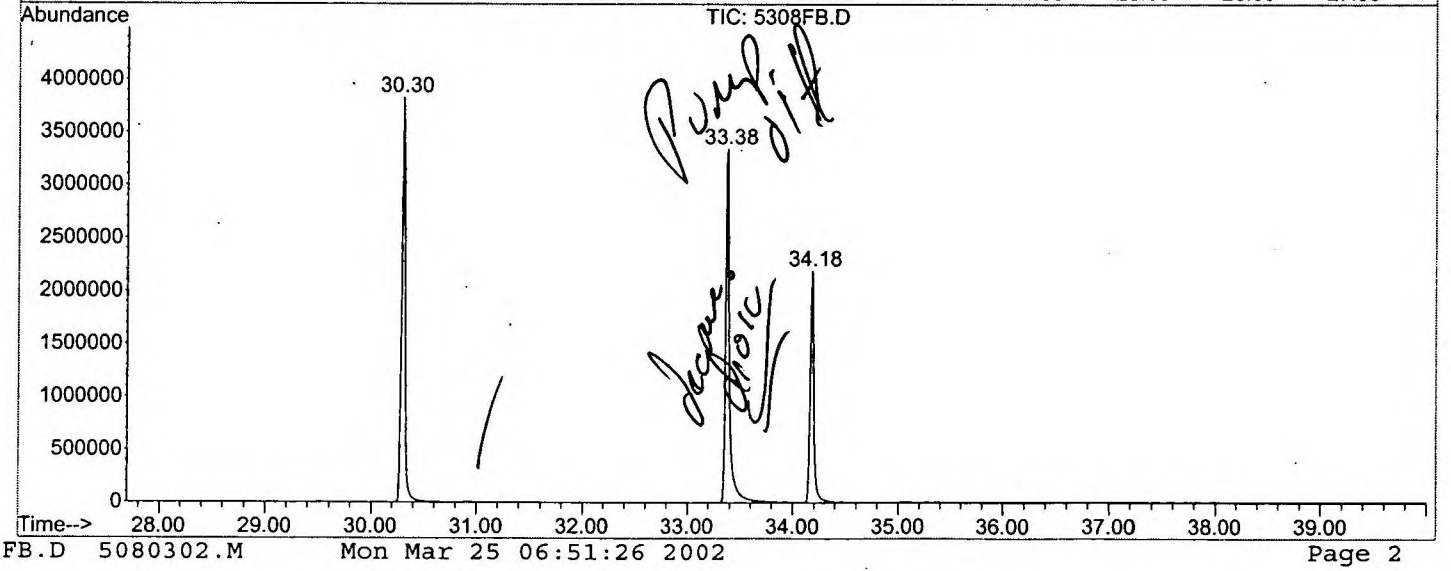
Sum of corrected areas: 58951486

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5308FB.D
Operator : McLean
Acquired : 17 Mar 2002 4:58 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 11
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

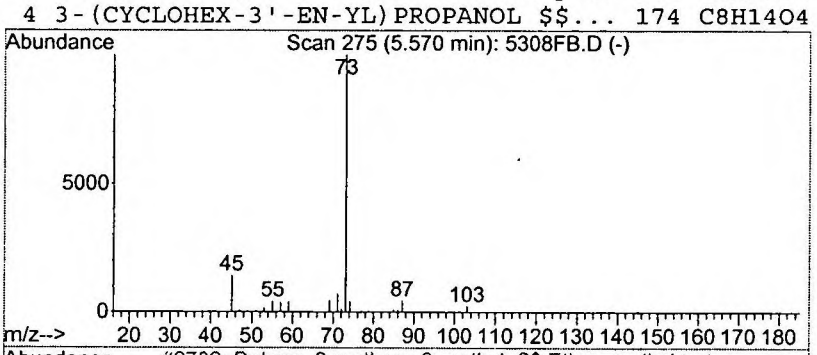
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

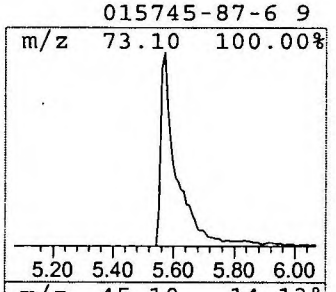
****

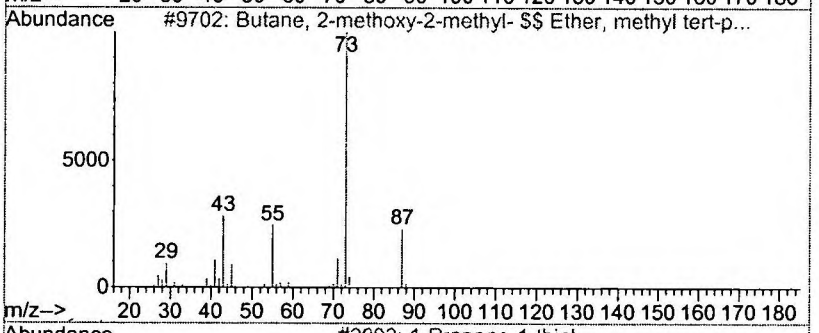
Peak Number 1 Butane, 2-methoxy-2-methyl-... Concentration Rank 3

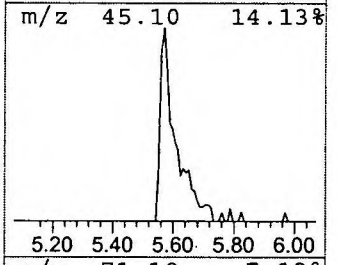
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	1.39 ug/L	411900	1,4-Dichlorobenzene-d4	9.55

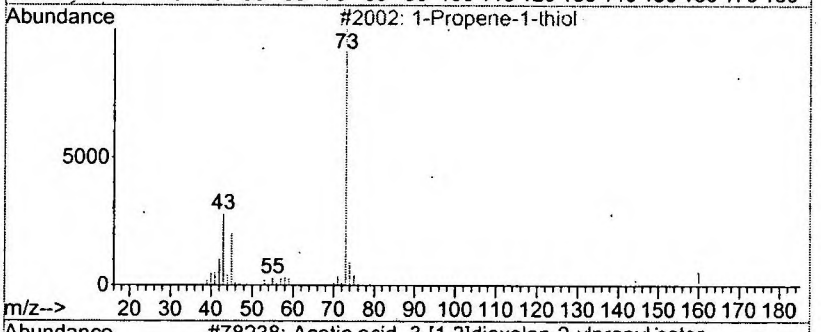
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	36
2	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	9
4	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	9

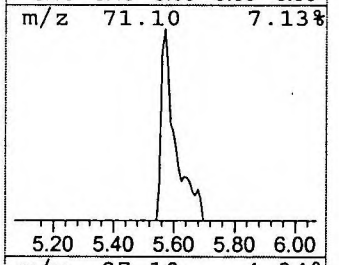


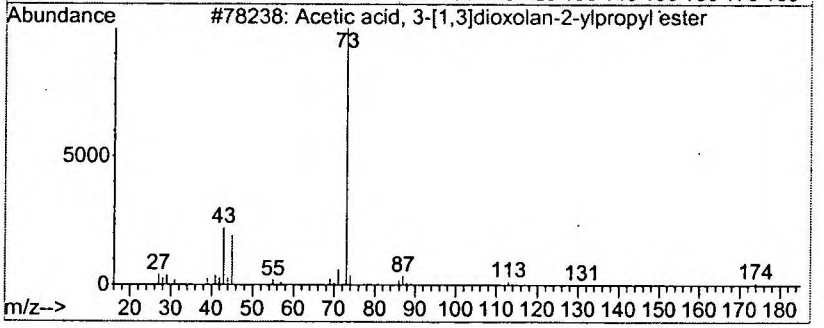


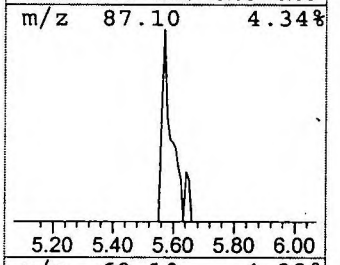


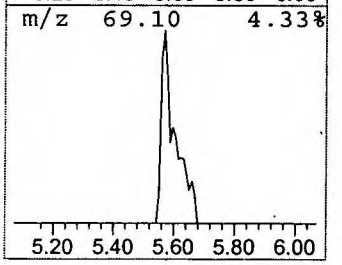












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

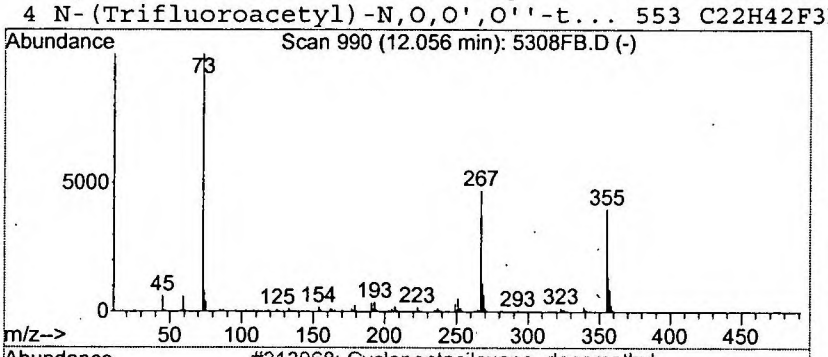
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

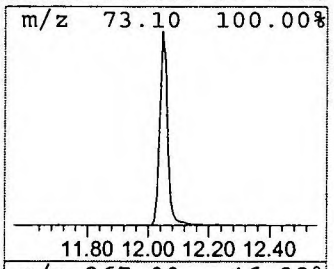
****

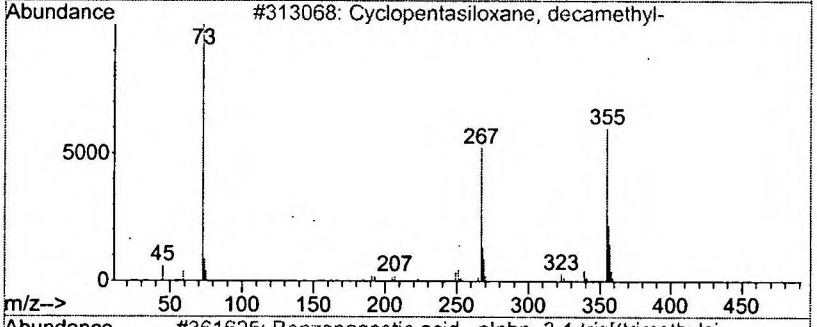
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

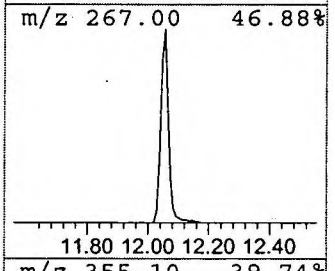
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.28 ug/L	1373000	Naphthalene-d8	13.03

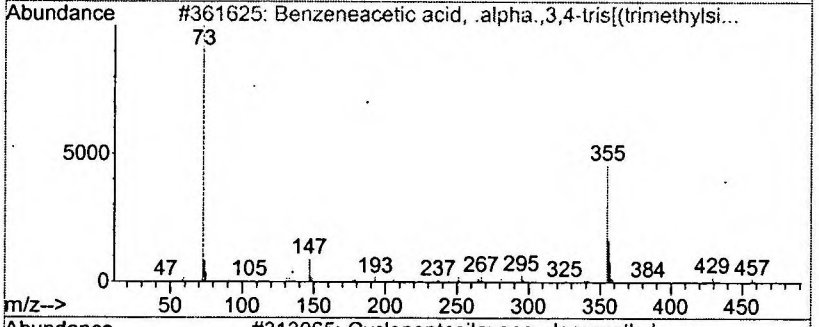
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	38
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38

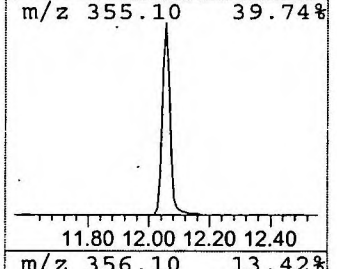


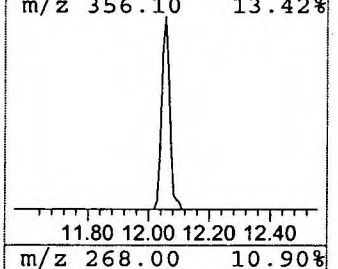


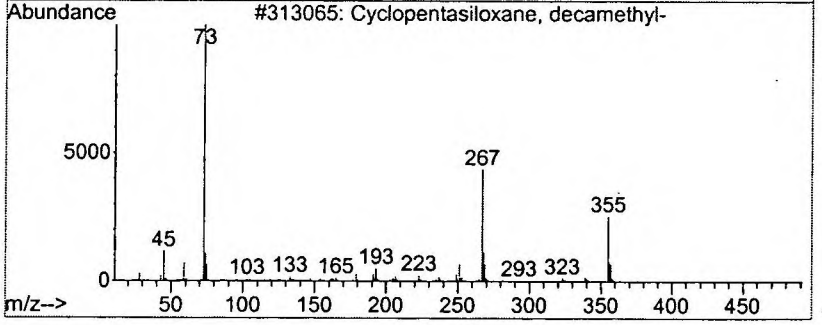


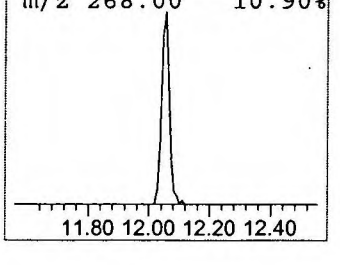












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5308FB.D Vial: 11
Acq On : 17 Mar 2002 4:58 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

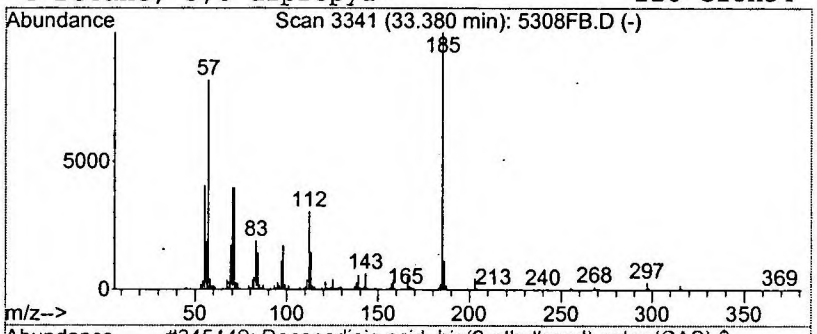
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

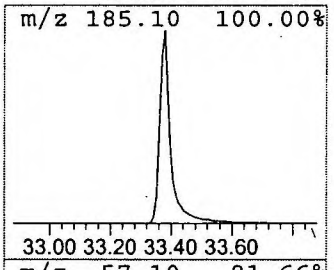
****

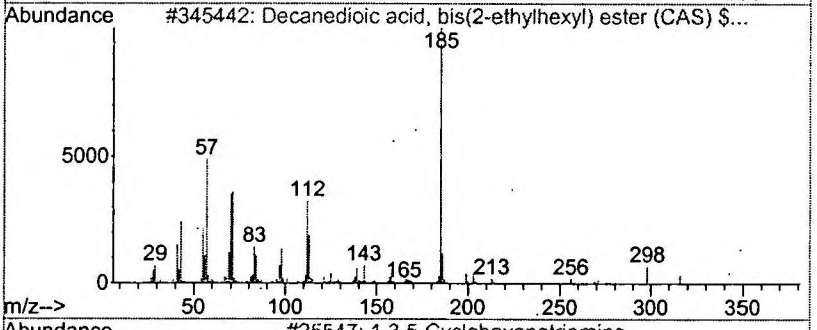
Peak Number 3 Decanedioic acid, bis(2-eth... Concentration Rank 1

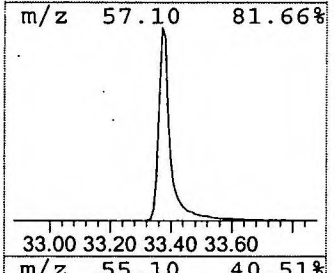
R.T.	EstConc	Area	Relative to ISTD	R.T.
33.38	30.93 ug/L	8755720	Perylene-d12	34.18

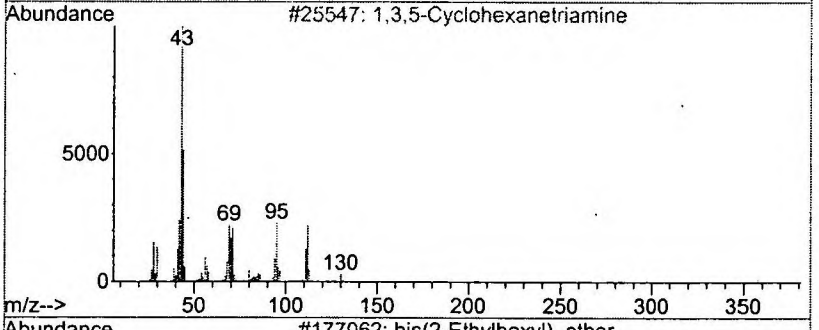
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	87
2	1,3,5-Cyclohexanetriamine	129	C6H15N3	000000-00-0	27
3	bis(2-Ethylhexyl) ether	242	C16H34O	000000-00-0	27
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27

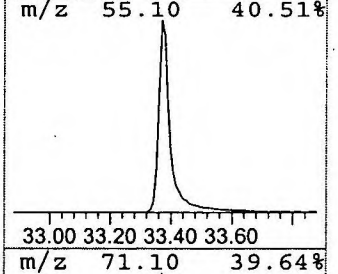


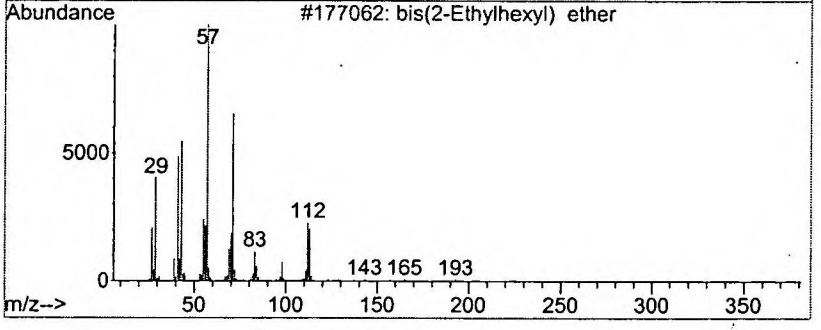


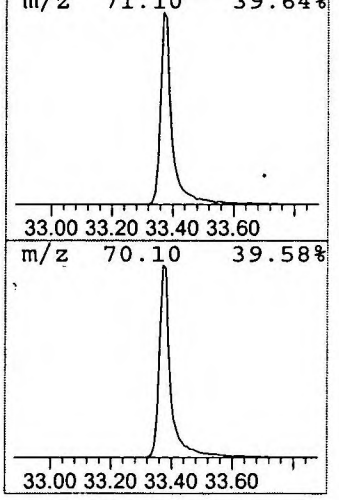












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 4:58 pm
Data File: C:\MSDCHEM\1\DATA\031702\5308FB.D
Name: 3/11/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	5.57	1.4	ug/L	411900	1	9.55	5926820	20.0
Cyclopentasiloxan...	12.06	3.3	ug/L	1373000	2	13.03	8381410	20.0
Decanedioic acid,...	33.38	30.9	ug/L	8755720	6	34.18	5660810	20.0