User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 14:07:19

Sample: AE07378
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 14:07 Ended: 4/25/02 14:07 Analyst: DLV
Page: 1

Email

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		127		10.0

NYCDEP
3/26/02
Scott
RT 28.41

Comments for Sample AE07378 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 14:09:37

The GCMS scan, from 35 to 550 amu, reveals the presence of Acrylic acid octadecanyl ester at an estimated level of 4.6 ug/L, and with a fit of 87 out of 100.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:50:26 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	422986	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1989142	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1121485	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1605094	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1317455	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	860316	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	22712	5.08	ug/L	0.00
Spiked Amount 4.000			Recovery = 127.00%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
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.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	0.00	149	0	N.D.	d	
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	28.90	149	2937	0.13	ug/L	86
42) Benzo (a) antracene	0.00	228	0	N.D.	d	
43) Bis (2-ethylhexyl) phthala	30.77	149	14830	0.45	ug/L	84
44) Chrysene	0.00	228	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:50:26 2002 Quant Results File: 5080402BBC.RES

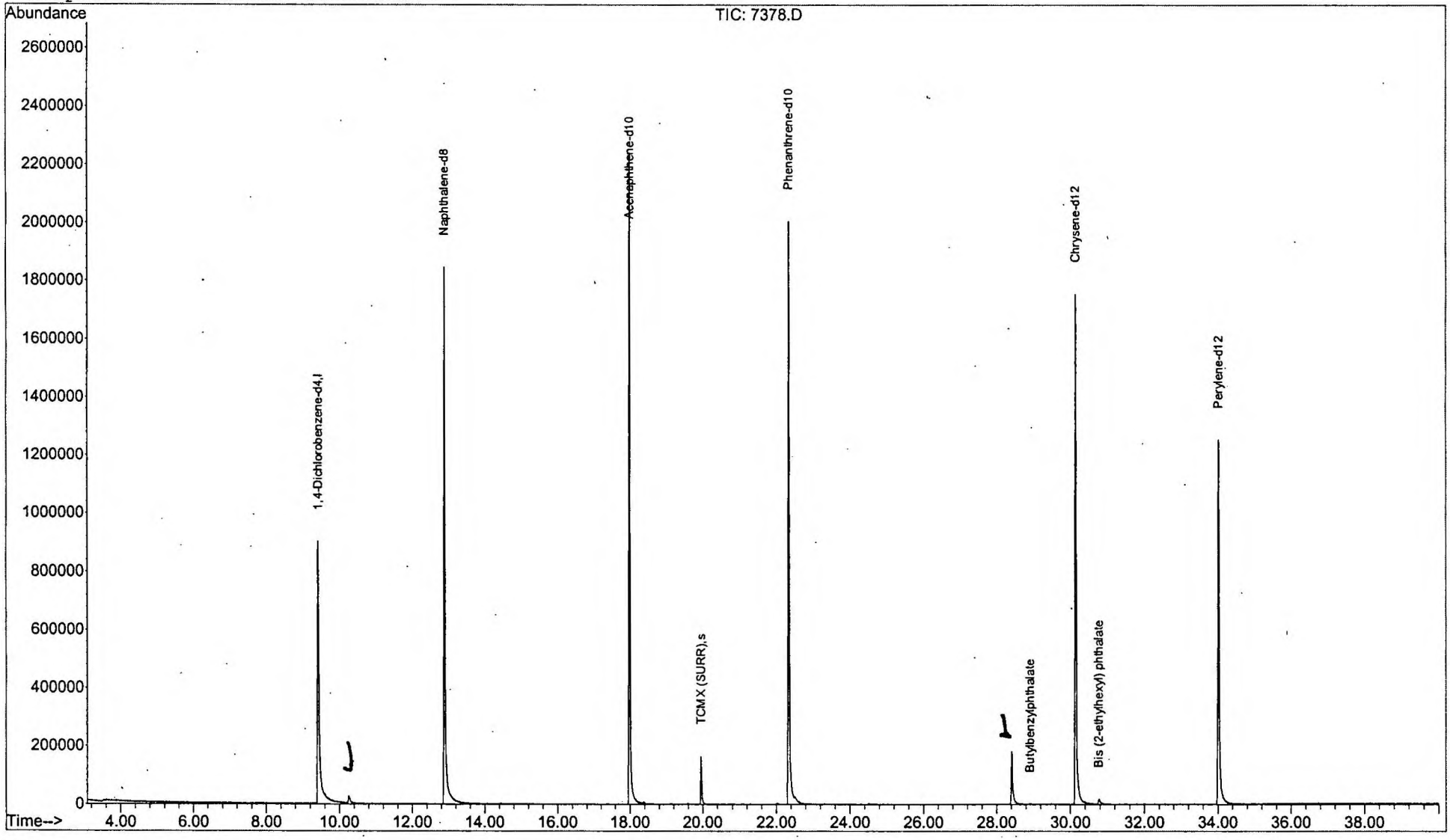
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	d
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 8:51 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BBC.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

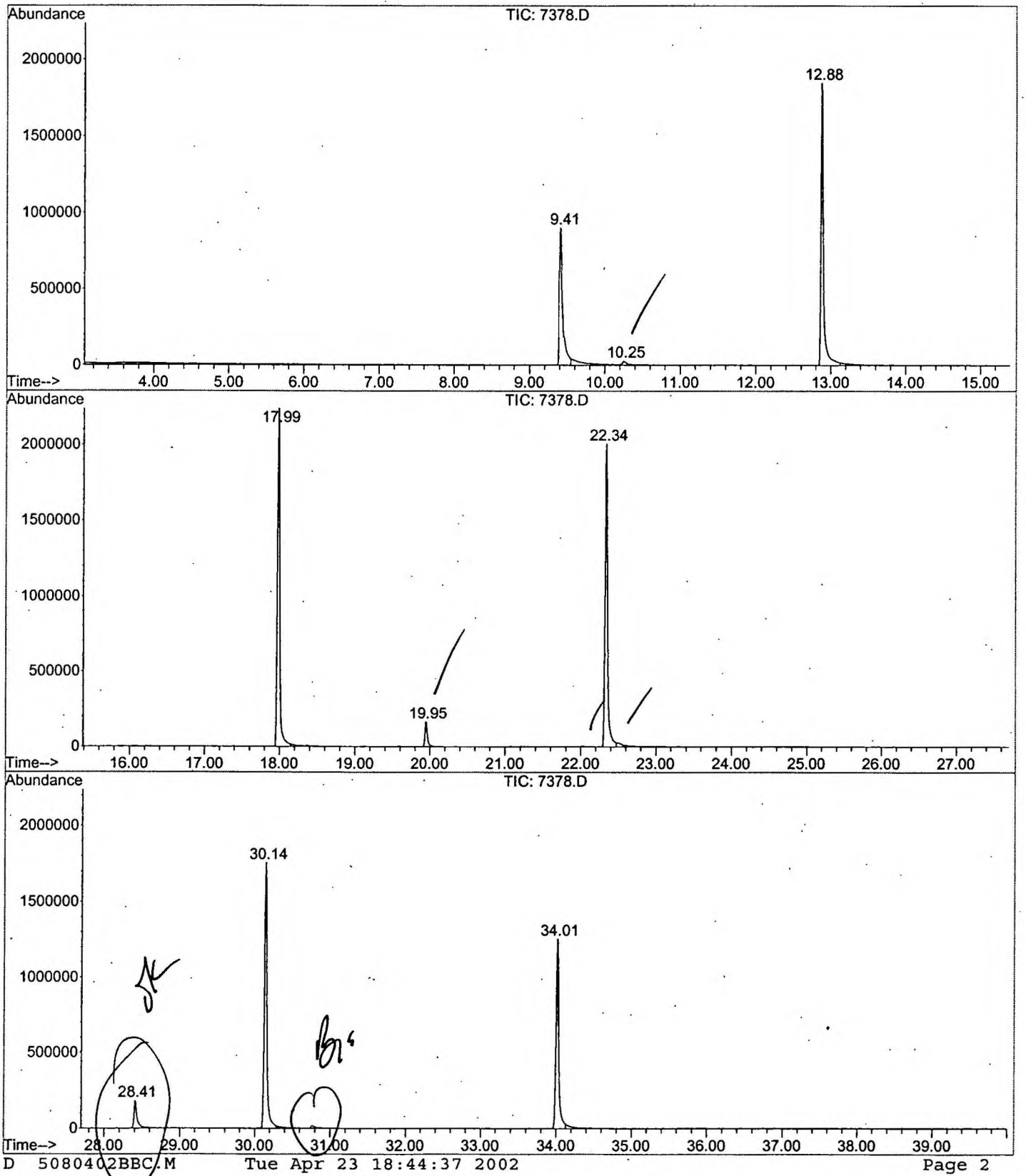
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.413	1071	1078	1101	rBV	900336	2758186	57.15%	11.053%
2	10.253	1214	1221	1232	rBV5	24766	73727	1.53%	0.295%
3	12.880	1661	1668	1710	rBV	1845141	4408136	91.34%	17.664%
4	17.986	2529	2537	2565	rBV	2237282	4825826	100.00%	19.338%
5	19.948	2865	2871	2883	rBV2	164350	351684	7.29%	1.409%
6	22.339	3269	3278	3301	rBV2	2005964	4623976	95.82%	18.529%
7	28.409	4302	4311	4327	rBV3	181433	489209	10.14%	1.960%
8	30.142	4596	4606	4631	rBV2	1753279	4249134	88.05%	17.027%
9	34.014	5254	5265	5284	rBV2	1253388	3174985	65.79%	12.723%

Sum of corrected areas: 24954863

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041802\7378.D
Operator : Bohlk
Acquired : 19 Apr 2002 6:58 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7378 3/28/02
Misc Info :
Vial Number: 27
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

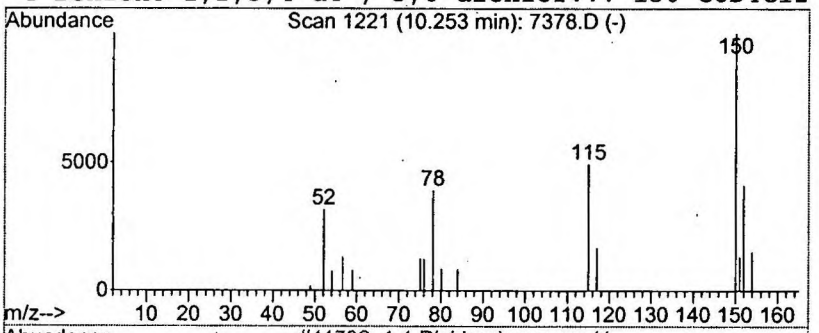
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

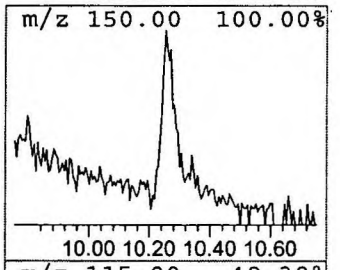
****

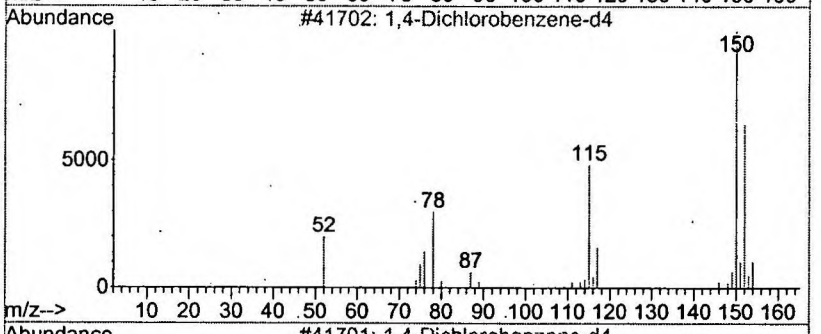
Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 2

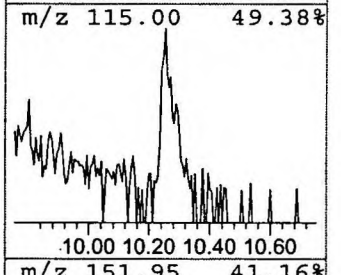
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	1.07 ug/L	73727	1,4-Dichlorobenzene-d4	9.41

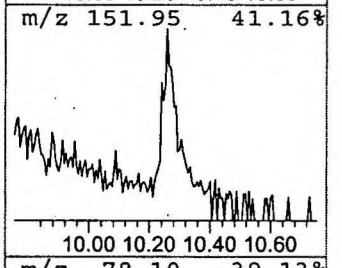
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	64
2	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	64
3	1,2-Dichlorobenzene-d4 $$ Benzen...	150	C6D4Cl2	002199-69-1	43
4	Benzene-1,2,3,4-d4-, 5,6-dichlor...	150	C6D4Cl2	002199-69-1	42

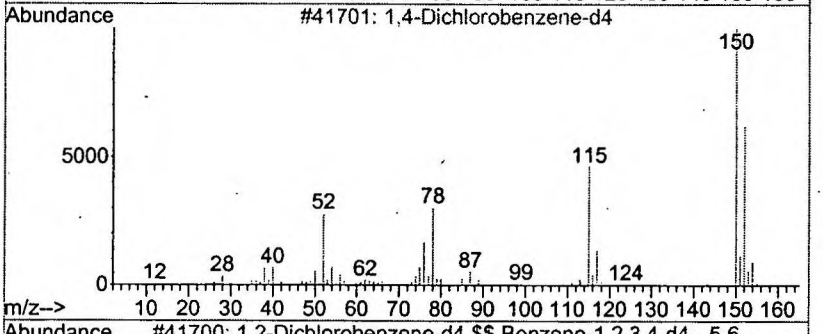


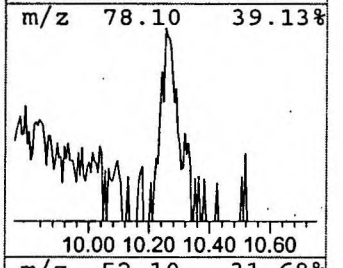


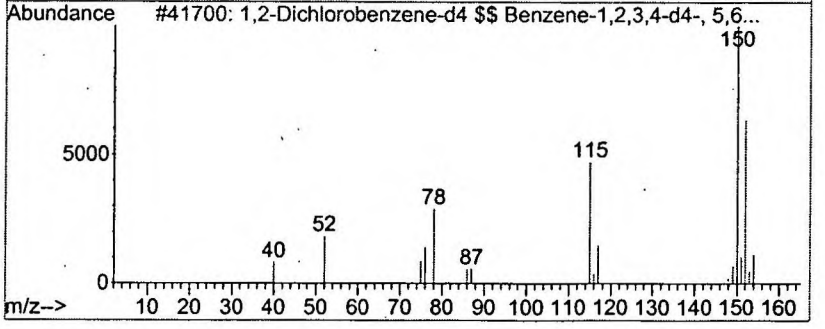


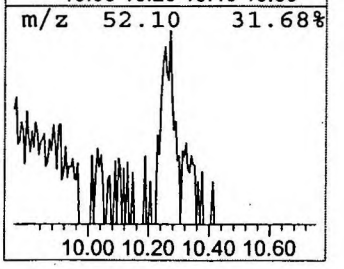












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7378.D Vial: 27
Acq On : 19 Apr 2002 6:58 am Operator: Bohlk
Sample : SAMPLE 7378 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

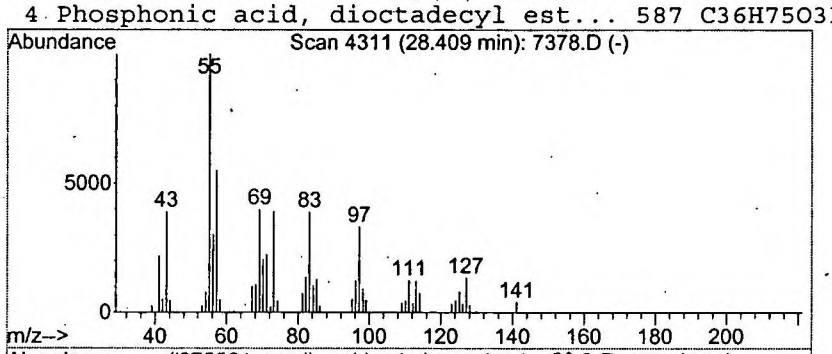
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

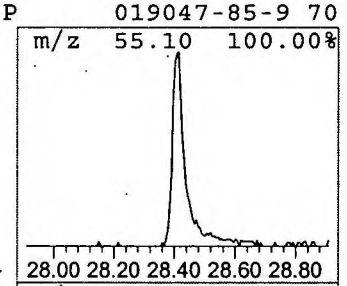
****

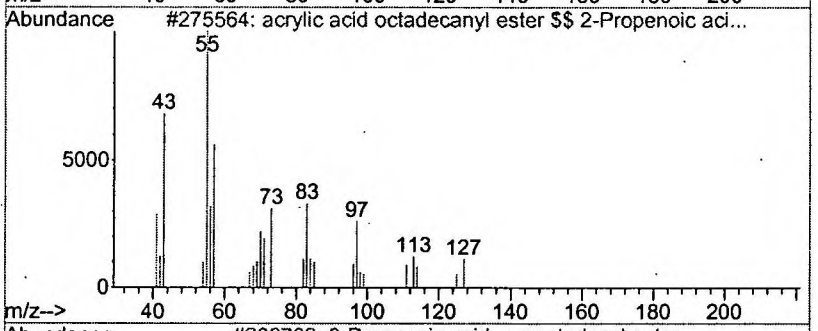
Peak Number 2 acrylic acid octadecanyl es... Concentration Rank 1

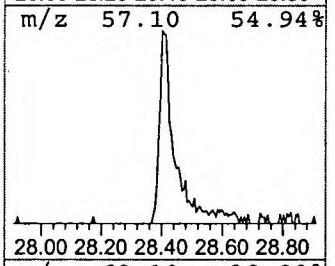
R.T.	EstConc	Area	Relative to ISTD	R.T.
28.41	4.61 ug/L	489209	Chrysene-d12	30.14

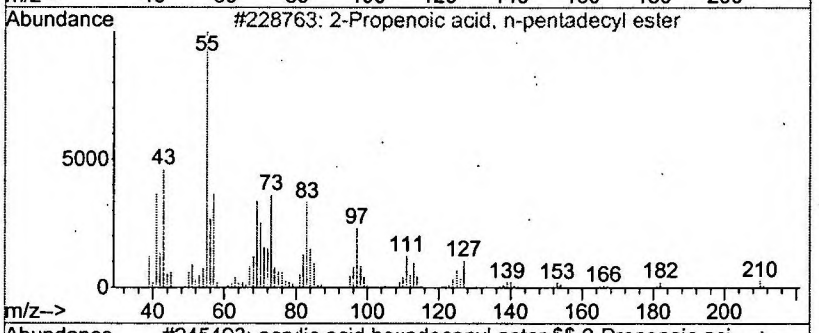
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	acrylic acid octadecanyl ester $...	324	C21H40O2	004813-57-4	87
2	2-Propenoic acid, n-pentadecyl e...	282	C18H34O2	000000-00-0	86
3	acrylic acid hexadecanyl ester $...	296	C19H36O2	013402-02-3	76
4	Phosphonic acid, dioctadecyl est...	587	C36H75O3P	019047-85-9	70

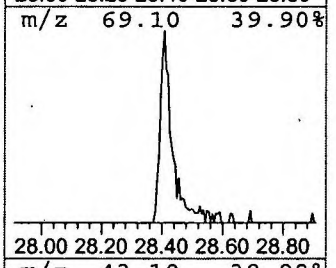


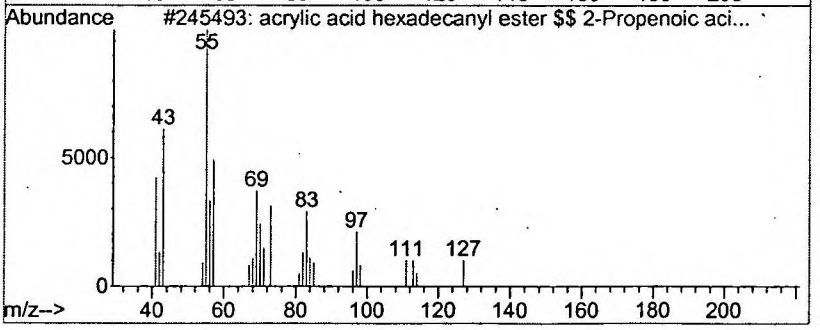


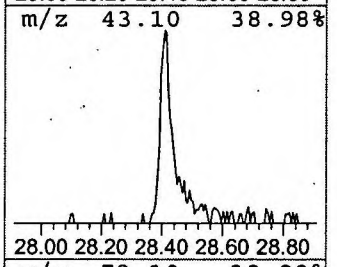


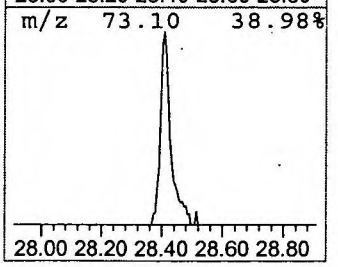












Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 19 Apr 2002 6:58 am
Data File: C:\MSDCHEM\1\DATA\041802\7378.D
Name: SAMPLE 7378 3/28/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.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
1,4-Dichlorobenze...	10.25	1.1	ug/L	73727	1	9.41	2758190	40.0
acrylic acid octa...	28.41	4.6	ug/L	489209	5	30.14	4249130	40.0