

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/21/2002 Time: 14:24:00

Sample: AE10517
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/21/02 14:23 Ended: 5/21/02 14:23 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE10517 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-21-2002 Time: 14:25:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D

Vial: 40

Acq On : 12 May 2002 4:06 am

Operator:

Sample : gc/ms scan 5/2

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 16 15:02 2002

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu May 16 09:35:44 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	659080	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2394805	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1295685	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1819139	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	1041922	40.00	ug/l	-0.03
44) Perylene-d12	37.84	264	600440	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.24	209	49993	7.76	ug/L	-0.03
Spiked Amount	10.000		Recovery	=	77.60%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	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-Chloropropan	0.00	45	0	N.D.	
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	13.37	77	402	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy) methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.85	128	253	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.	
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	22.58	149	750	N.D.	
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.60	178	659	N.D.	

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

10517.D GCMS0510.M Thu May 16 15:06:11 2002

Page 1

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D Vial: 40
Acq On : 12 May 2002 4:06 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:02 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.60	178	659	N.D.		
36) Di-n-butylphthalate	27.52	149	3013	N.D.		
37) Fluoranthene	29.23	202	389	N.D.		
39) Pyrene	29.91	202	570	N.D.		
40) Butylbenzylphthalate	32.05	149	1064	N.D.		
41) Benzo(a)anthracene	33.61	228	2755	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.83	149	4681	N.D.		
43) Chrysene	33.69	228	775	N.D.		
45) Di-n-Octylphthalate	35.57	149	694	N.D.		
46) Benzo(b)fluoranthene	36.66	252	752	N.D.		
47) Benzo(k)fluoranthene	36.73	252	914	N.D.		
48) Benzo(a)pyrene	37.64	252	101	N.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

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Page 2

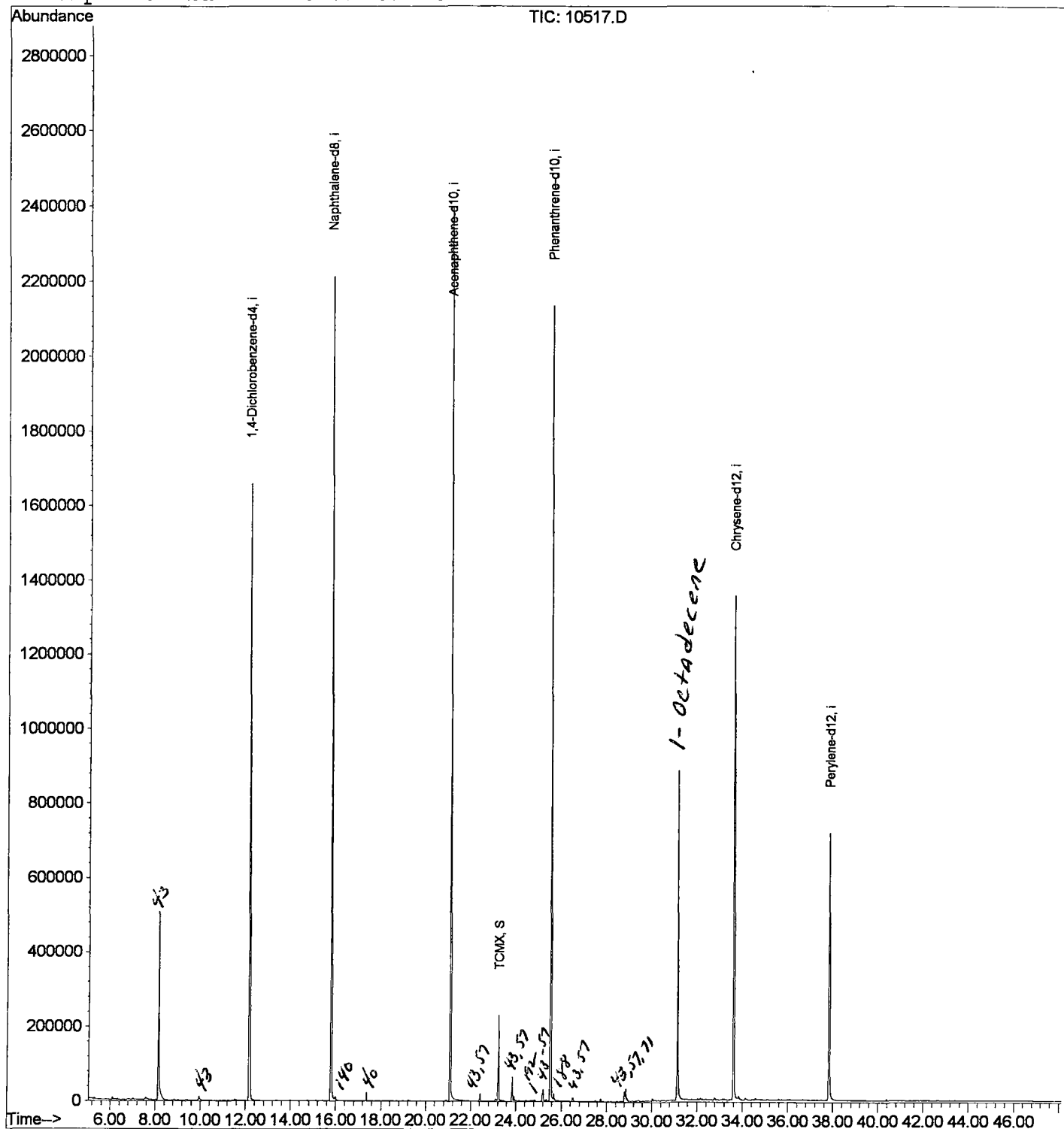
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D
 Acq On : 12 May 2002 4:06 am
 Sample : gc/ms scan 5/2
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 16 15:02 2002

Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Thu May 16 09:35:44 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D

Vial: 40

Acq On : 12 May 2002 4:06 am

Operator:

Sample : gc/ms scan 5/2

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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	peak area	peak % max.	% of total
1	8.138	334	338	367	rVB	506376	1172260	22.50%	4.269%
2	12.161	771	777	793	rBV	1656391	3729541	71.57%	13.582%
3	15.789	1167	1173	1190	rBV	2211926	4703310	90.26%	17.129%
4	21.095	1746	1752	1768	rBV	2398232	5210946	100.00%	18.977%
5	23.239	1978	1986	1993	rVB	230314	481164	9.23%	1.752%
6	23.853	2047	2053	2058	rBV	65153	118416	2.27%	0.431%
7	25.210	2194	2201	2209	rVB2	32212	92020	1.77%	0.335%
8	25.549	2230	2238	2249	rBV2	2134013	4836328	92.81%	17.613%
9	28.802	2588	2593	2596	rBV3	25865	61902	1.19%	0.225%
10	31.138	2842	2848	2865	rBV	883741	1771446	33.99%	6.451%
11	33.613	3110	3118	3133	rBV2	1353815	3154041	60.53%	11.486%
12	37.837	3570	3579	3597	rBV2	715451	2127353	40.82%	7.747%

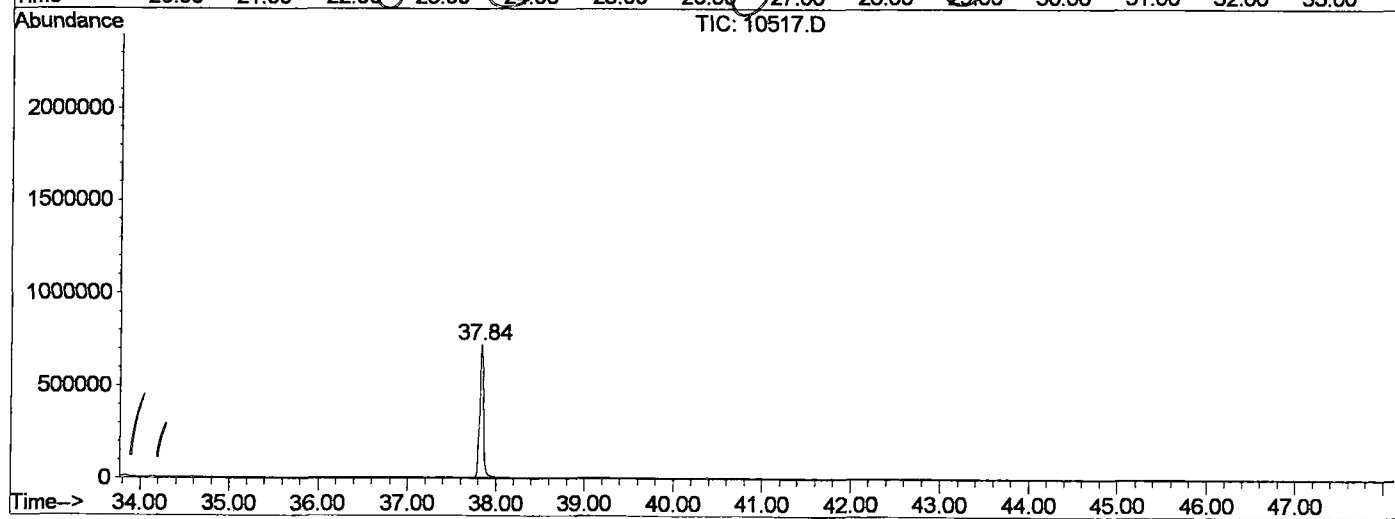
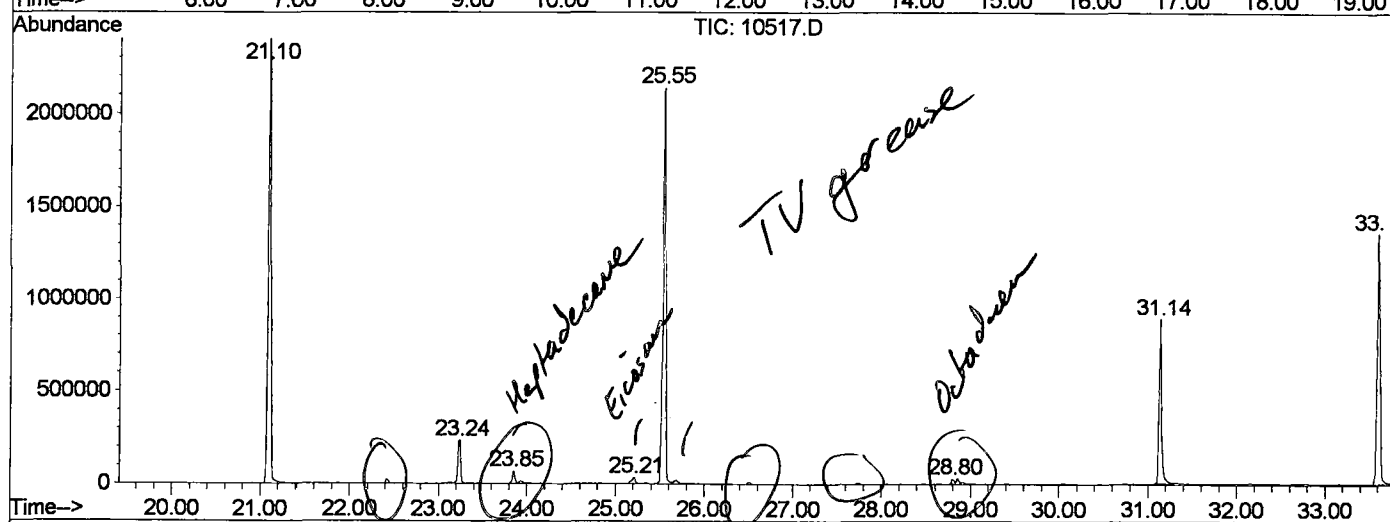
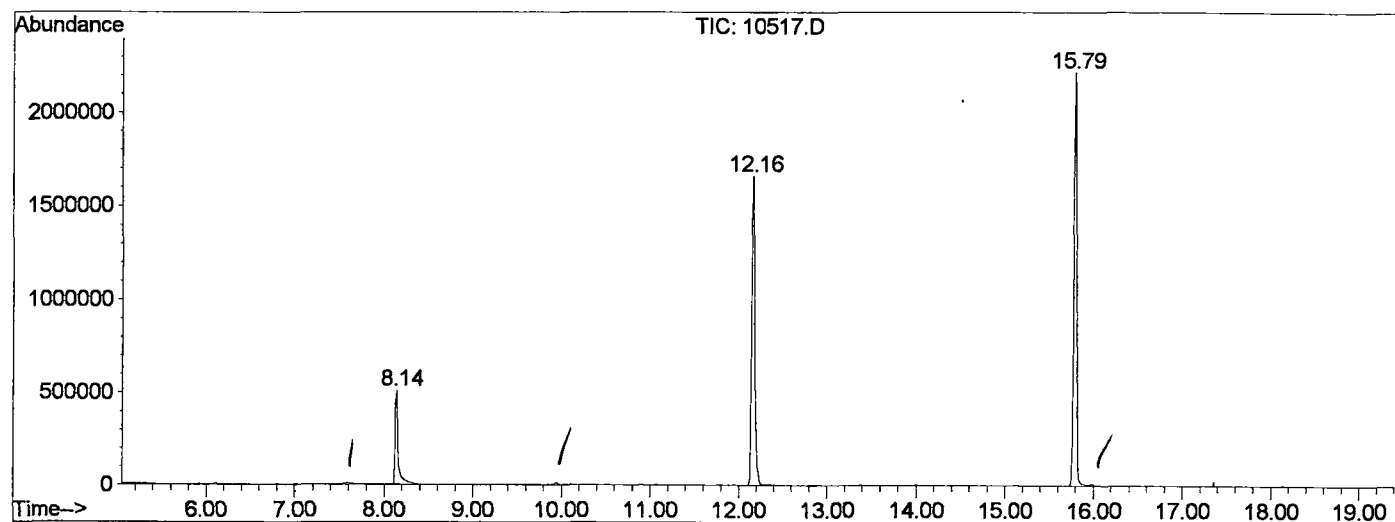
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10517.D GCMS0510.M

Thu May 16 15:10:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10517.D
 Operator :
 Acquired : 12 May 2002 4:06 am using AcqMethod GCMS0507
 Instrument : 209
 Sample Name: gc/ms scan 5/2
 Misc Info :
 Vial Number: 40
 Quant File :GCMS0510.RES (RTE Integrator)



10517.D GCMS0510.M Thu May 16 15:10:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D
Acq On : 12 May 2002 4:06 am
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: LSCINT.P

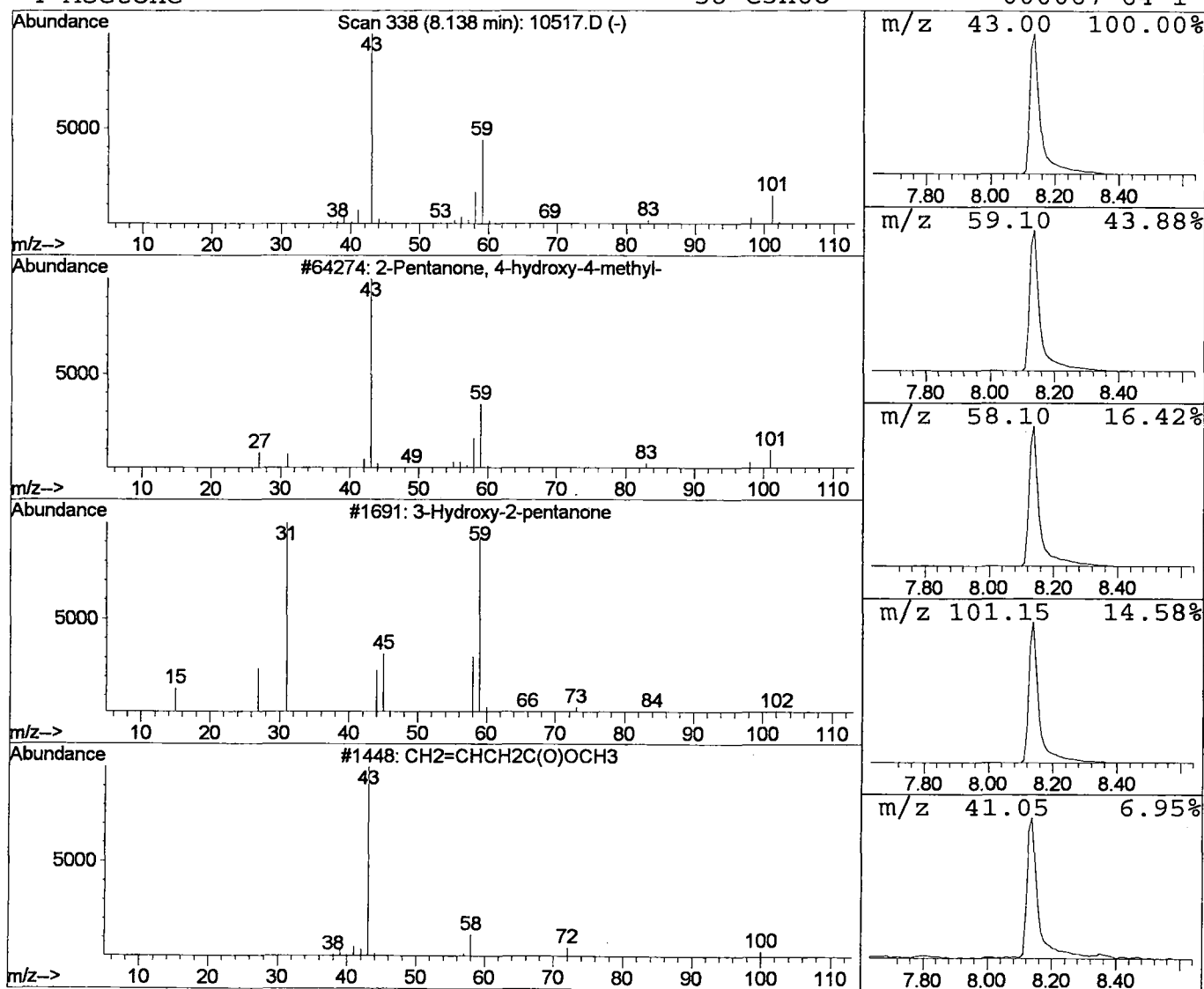
Vial: 40
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.57 ug/l	1172260	1,4-Dichlorobenzene-d4	12.16

Hit#	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D
Acq On : 12 May 2002 4:06 am
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: LSCINT.P

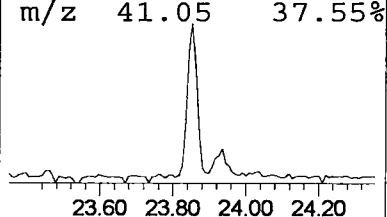
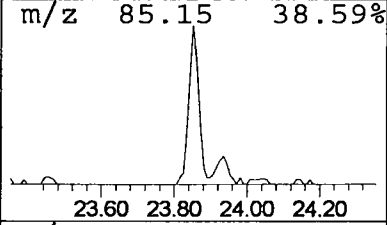
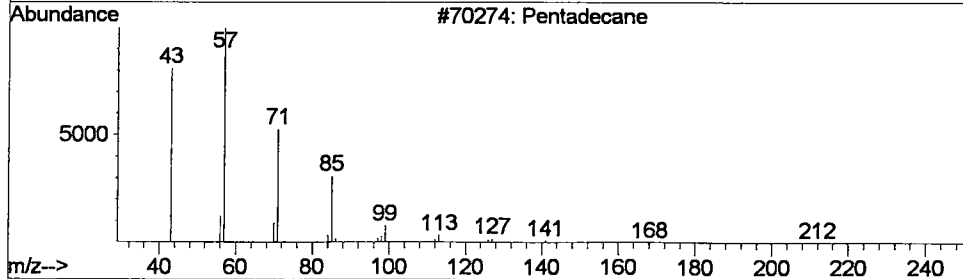
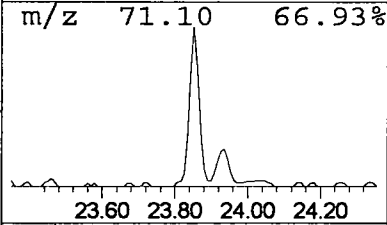
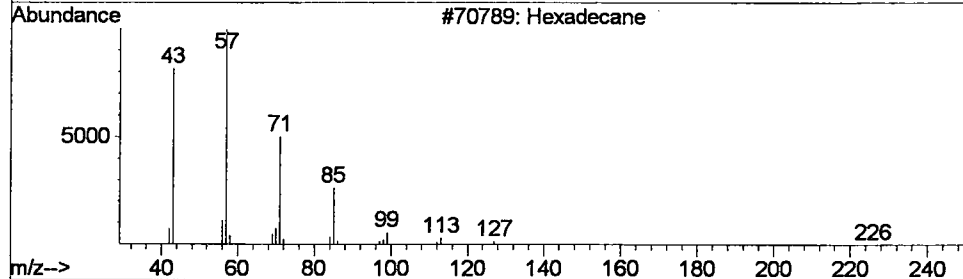
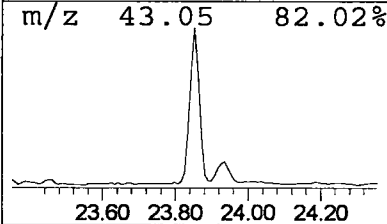
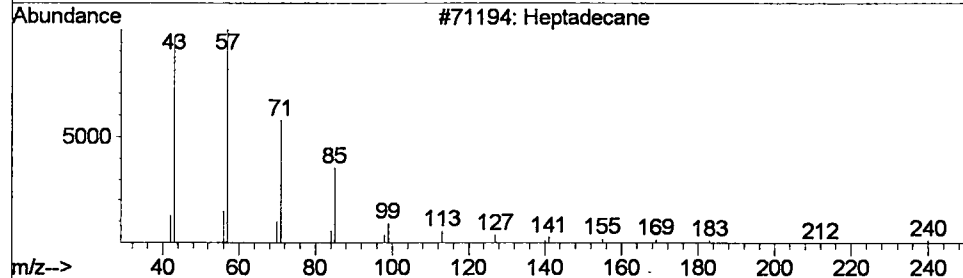
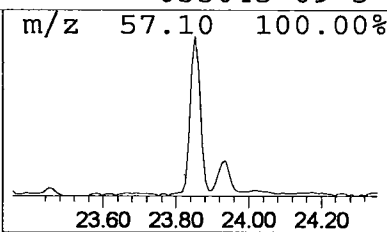
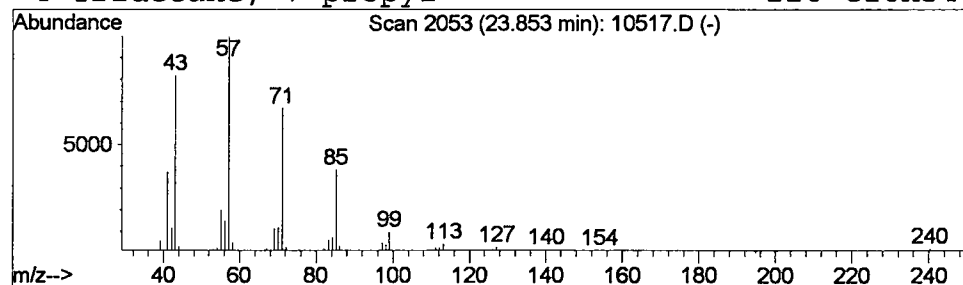
Vial: 40
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	0.98 ug/l	118416	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D
 Acq On : 12 May 2002 4:06 am
 Sample : gc/ms scan 5/2
 Misc :
 MS Integration Params: LSCINT.P

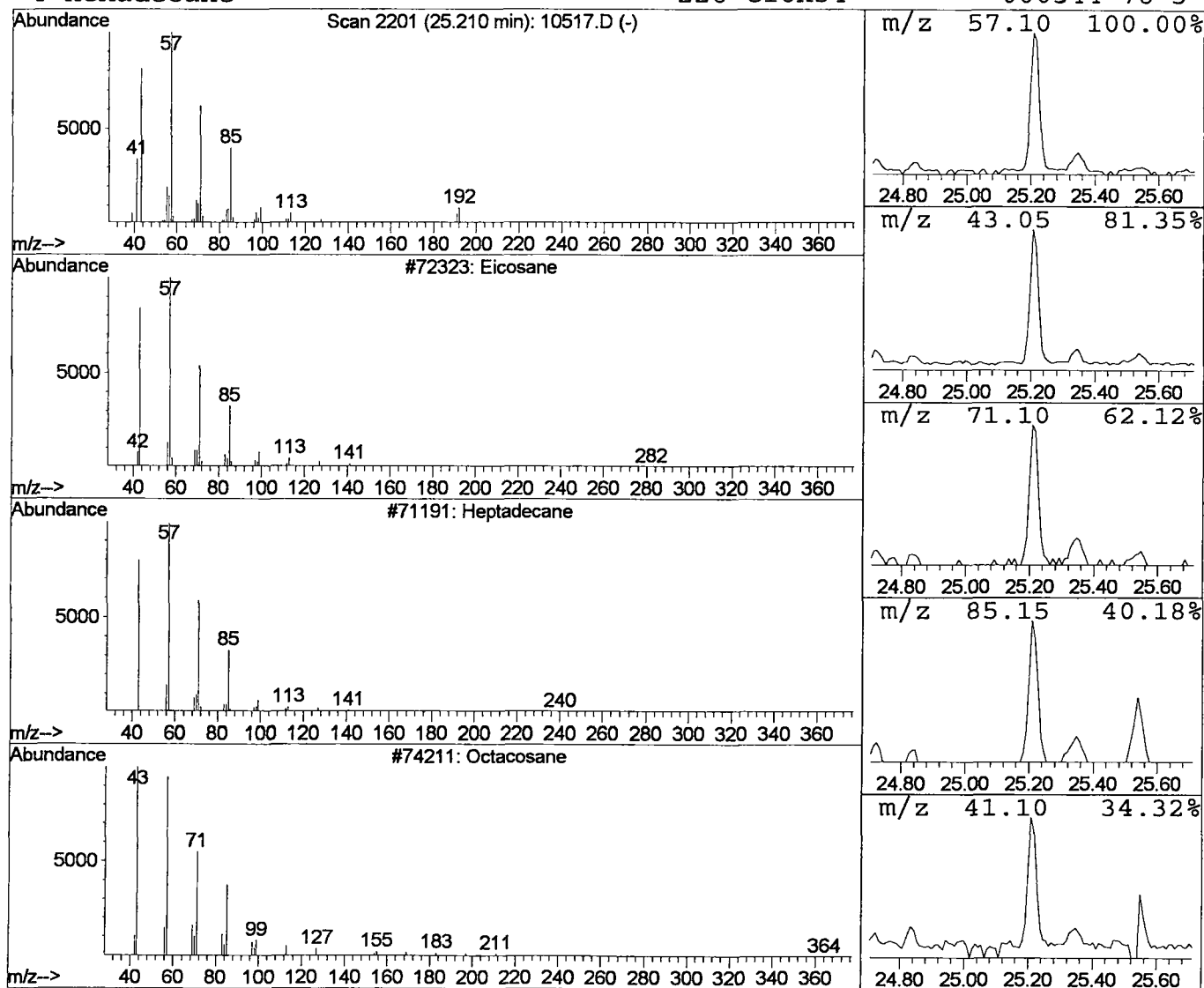
Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	0.76 ug/l	92020	Phenanthrene-d10	25.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	87
2	Heptadecane		240	C17H36	000629-78-7	87
3	Octacosane		394	C28H58	000630-02-4	86
4	Hexadecane		226	C16H34	000544-76-3	80



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10517.D
 Acq On : 12 May 2002 4:06 am
 Sample : gc/ms scan 5/2
 Misc :
 MS Integration Params: LSCINT.P

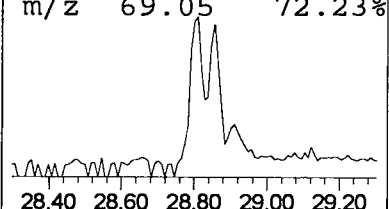
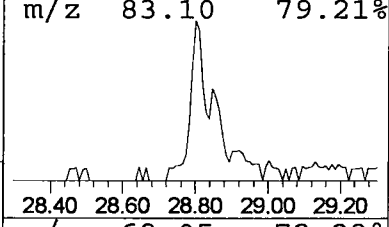
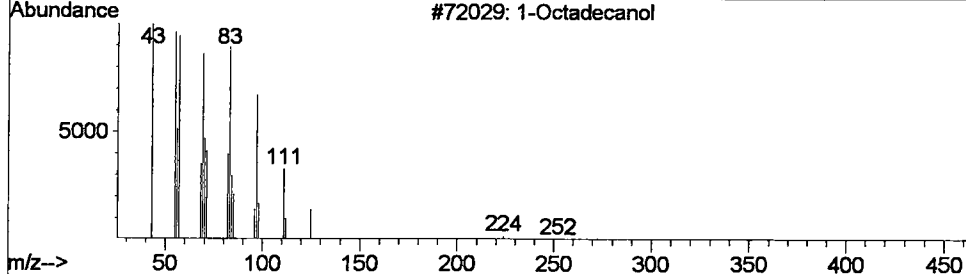
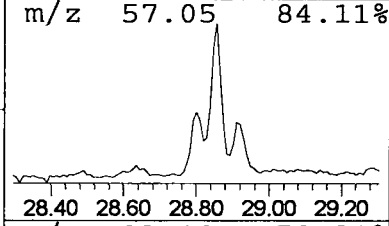
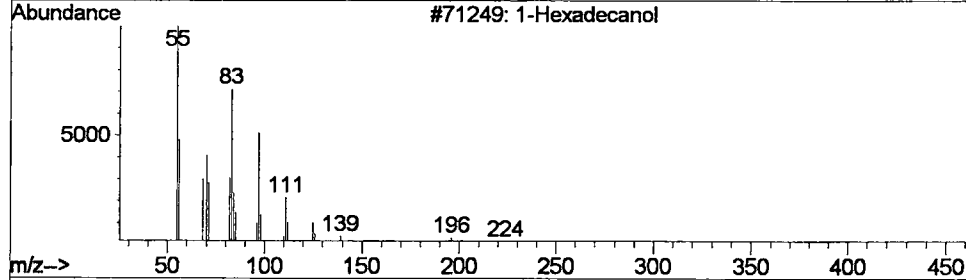
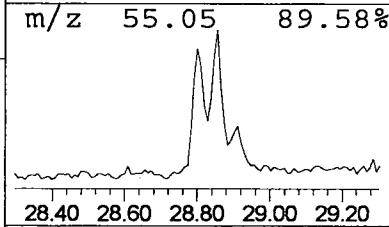
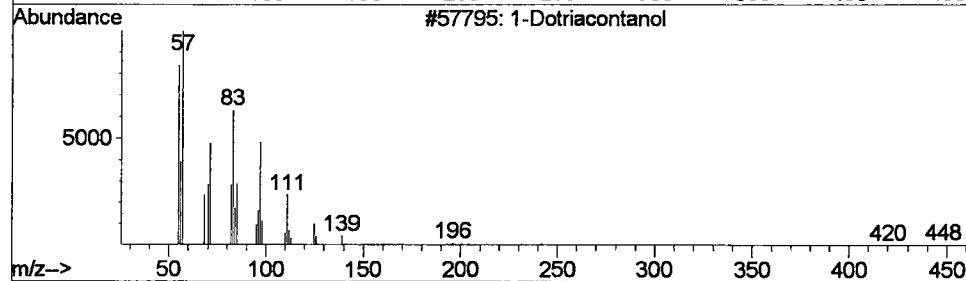
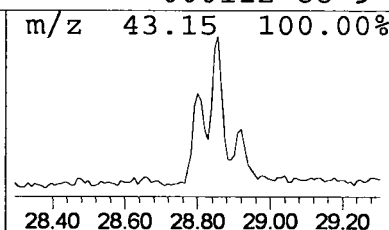
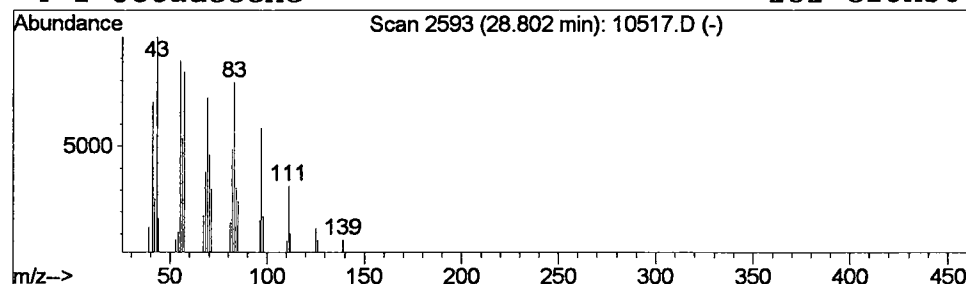
Vial: 40
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 1-Dotriacontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.80	0.51 ug/l	61902	Phenanthrene-d10	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dotriacontanol	467	C32H66O	006624-79-9	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	90
3		1-Octadecanol	270	C18H38O	000112-92-5	90
4		1-Octadecene	252	C18H36	000112-88-9	76



Library Search Compound Report

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Acq On : 12 May 2002 4:06 am
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: LSCINT.P

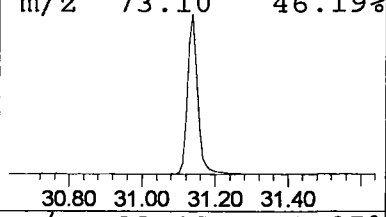
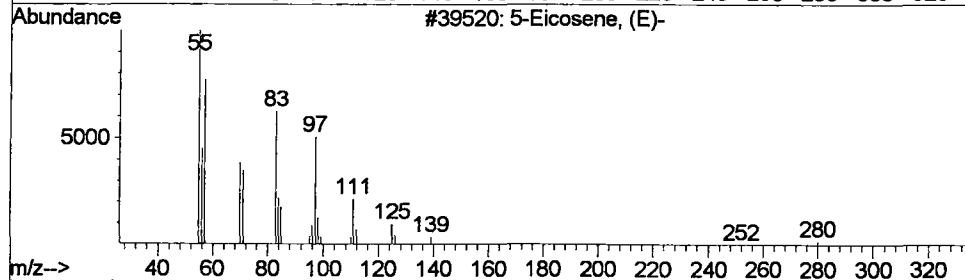
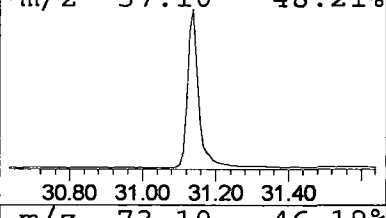
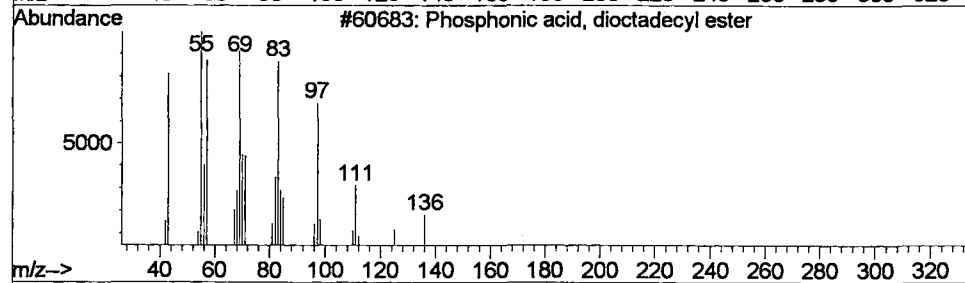
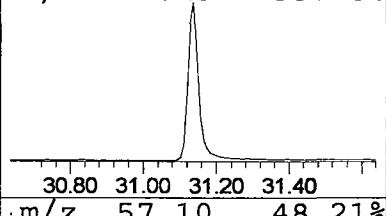
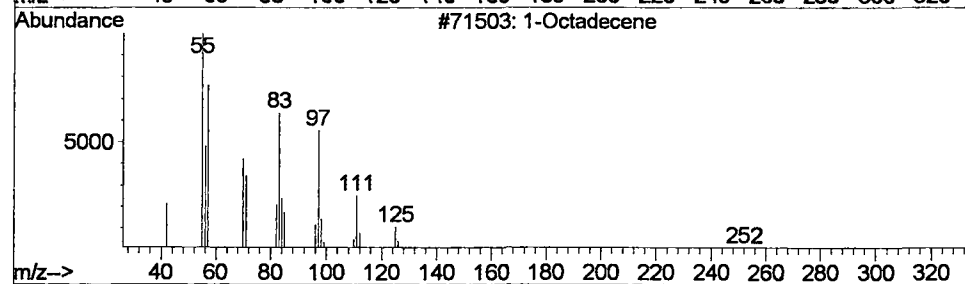
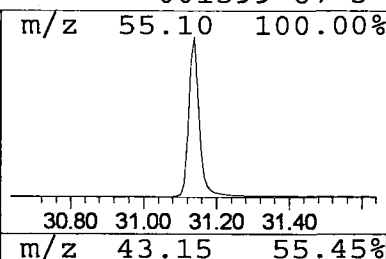
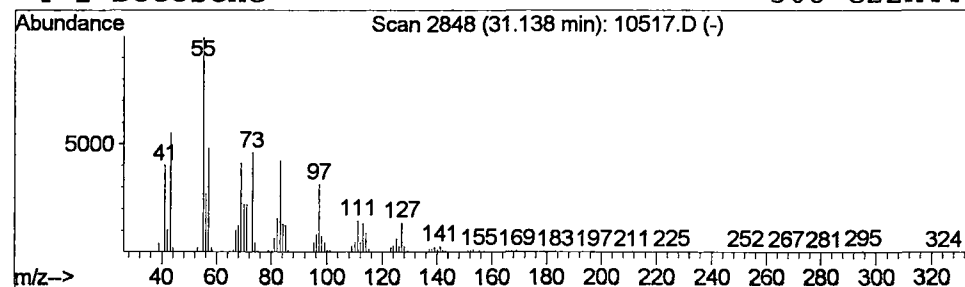
Vial: 40
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 5 1-Octadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	22.47 ug/l	1771450	Chrysene-d12	33.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	98
2	Phosphonic acid, dioctadecyl ester		587	C36H75O3P	019047-85-9	76
3	5-Eicosene, (E)-		280	C20H40	074685-30-6	76
4	1-Docosene		308	C22H44	001599-67-3	76



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 4:06 am
 Data File: C:\HPCHEM\1\DATA\MAY1002\10517.D
 Name: gc/ms scan 5/2
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone/4-hydro	8.14	12.6	ug/l	1172260	ISTD01	12.16	3729540	40.0
Heptadecane	23.85	1.0	ug/l	118416	ISTD04	25.55	4836330	40.0
Eicosane	25.21	0.8	ug/l	92020	ISTD04	25.55	4836330	40.0
1-Dotriacontanol	28.80	0.5	ug/l	61902	ISTD04	25.55	4836330	40.0
1-Octadecene	31.14	22.5	ug/l	1771450	ISTD05	33.61	3154040	40.0

10517.D GCMS0510.M Thu May 16 15:10:32 2002

Turbo rap Grease