

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:56:42

Sample: AE09524
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:56 Ended: 5/6/02 10:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		10.0

.Comments for Sample AE09524 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-06-2002 Time: 10:57:08

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D
 Acq On : 3 May 2002 11:38 am
 Sample : GC/MS SCAN 4/22 FB
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 3 12:28 2002

Vial: 22
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed May 01 10:40:31 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	376746	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1368425m	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	743316	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1025178	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	605513	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	370063	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.28	209	35071	9.69	ug/L	-0.02
Spiked Amount	10.000		Recovery	=	96.90%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	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-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-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.42	77	616	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	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	22.62	149	1044	N.D.		
26) 4-Chlorophenyl-phenylether	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	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	379	N.D.		

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

9524.D GCMS0501.M Fri May 03 12:28:13 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D

Vial: 22

Acq On : 3 May 2002 11:38 am

Operator:

Sample : GC/MS SCAN 4/22 FB

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 3 12:28 2002

Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed May 01 10:40:31 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0501

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.58	178	379	N.D.		
36) Di-n-butylphthalate	27.56	149	6447	N.D.		
37) 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)anthracene	33.64	228	1405	N.D.		
42) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	d	
43) Chrysene	33.64	228	1405	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	37.87	252	1336	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

9524.D GCMS0501.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D

Vial: 22

Acq On : 3 May 2002 11:38 am

Operator:

Sample : GC/MS SCAN 4/22 FB

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 3 12:28 2002

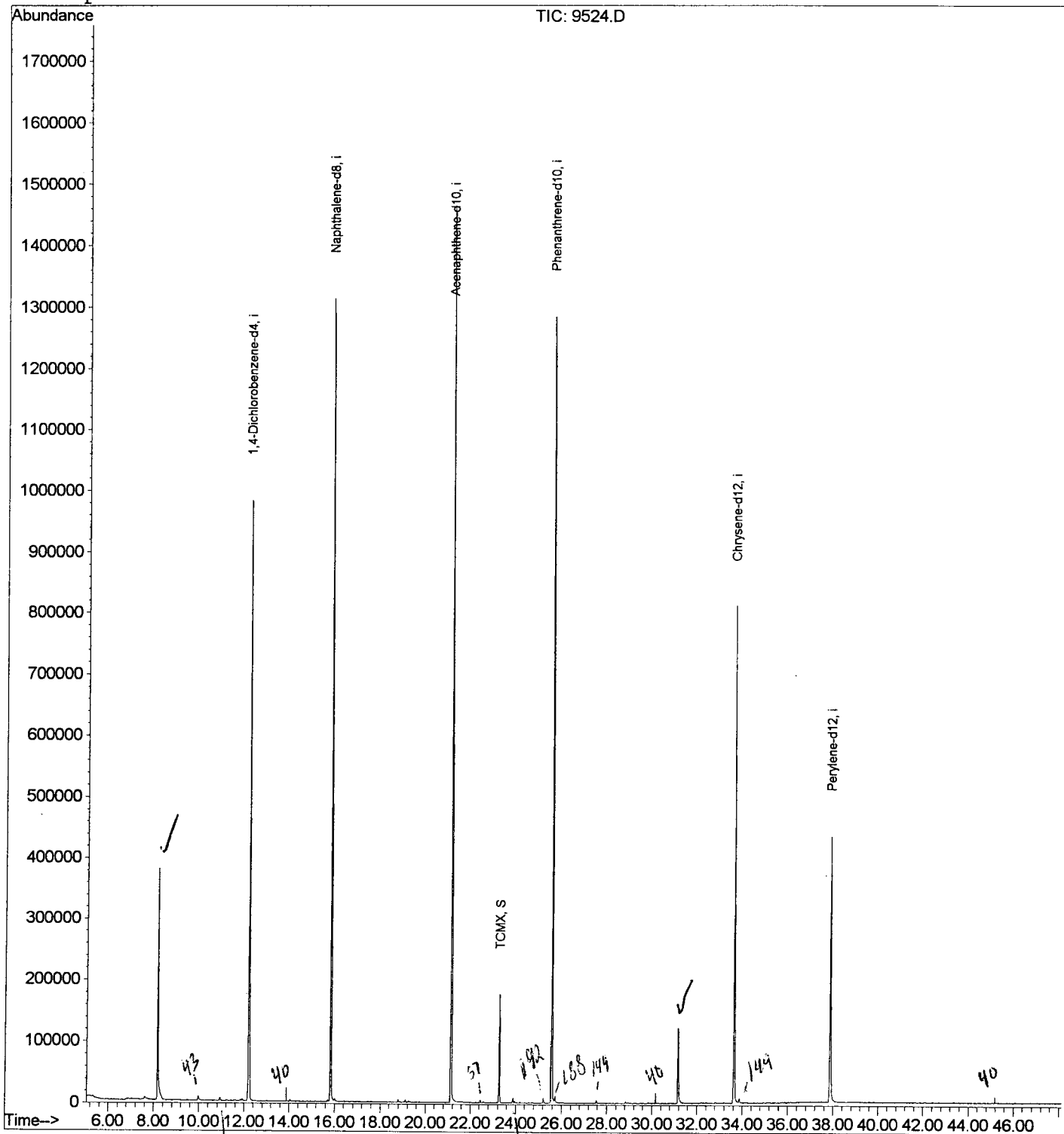
Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed May 01 10:40:31 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D
 Acq On : 3 May 2002 11:38 am
 Sample : GC/MS SCAN 4/22 FB
 Misc :
 MS Integration Params: LSCINT.P

Vial: 22
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

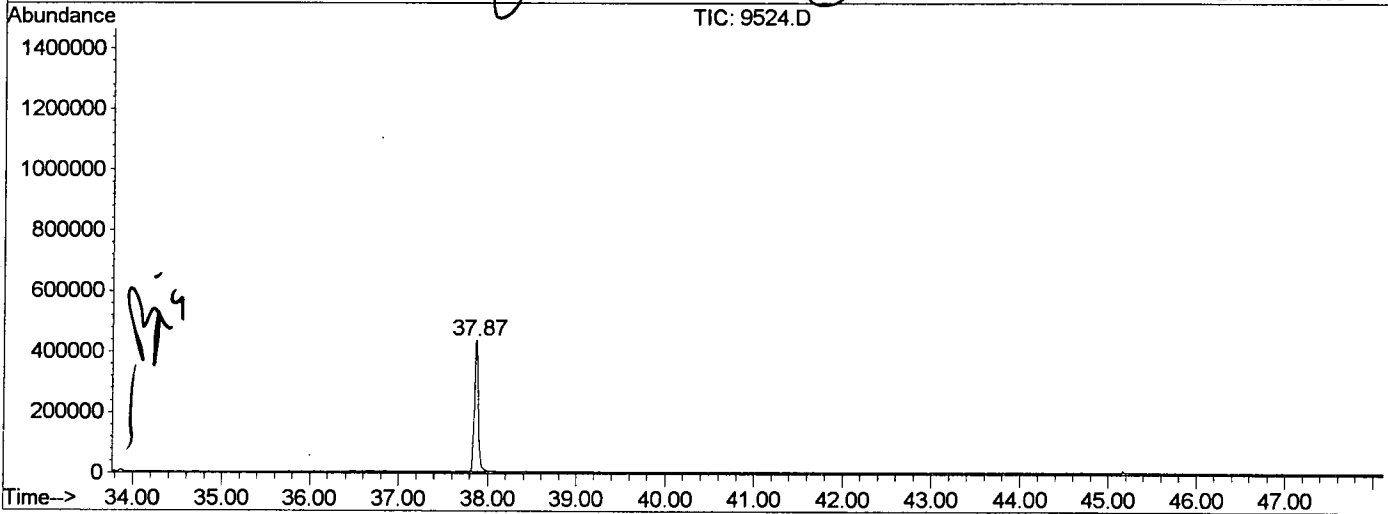
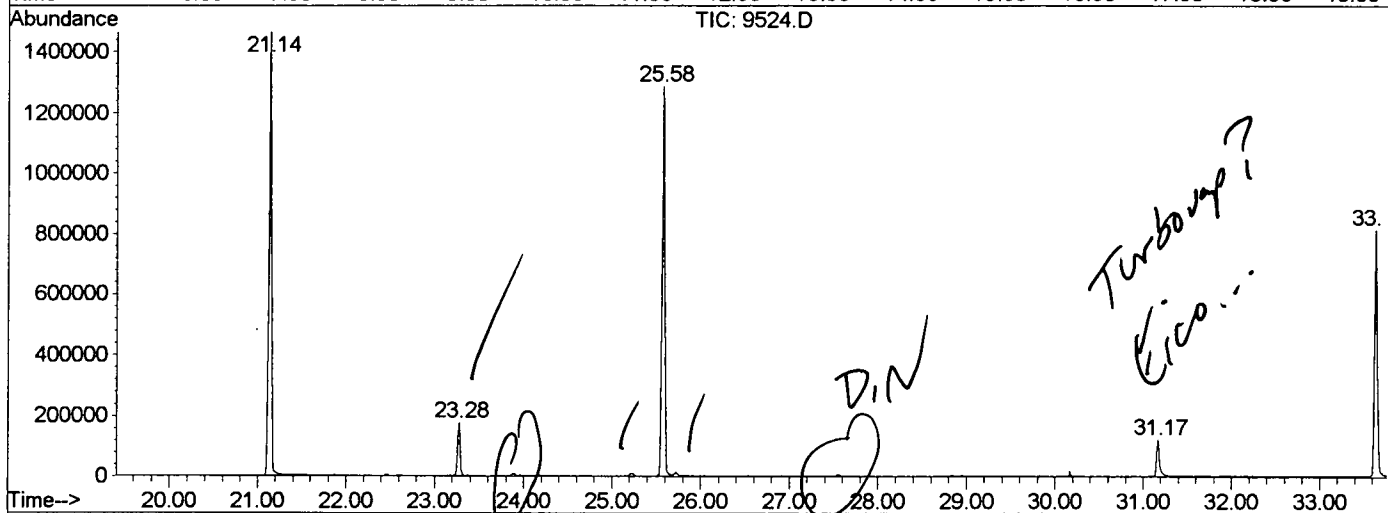
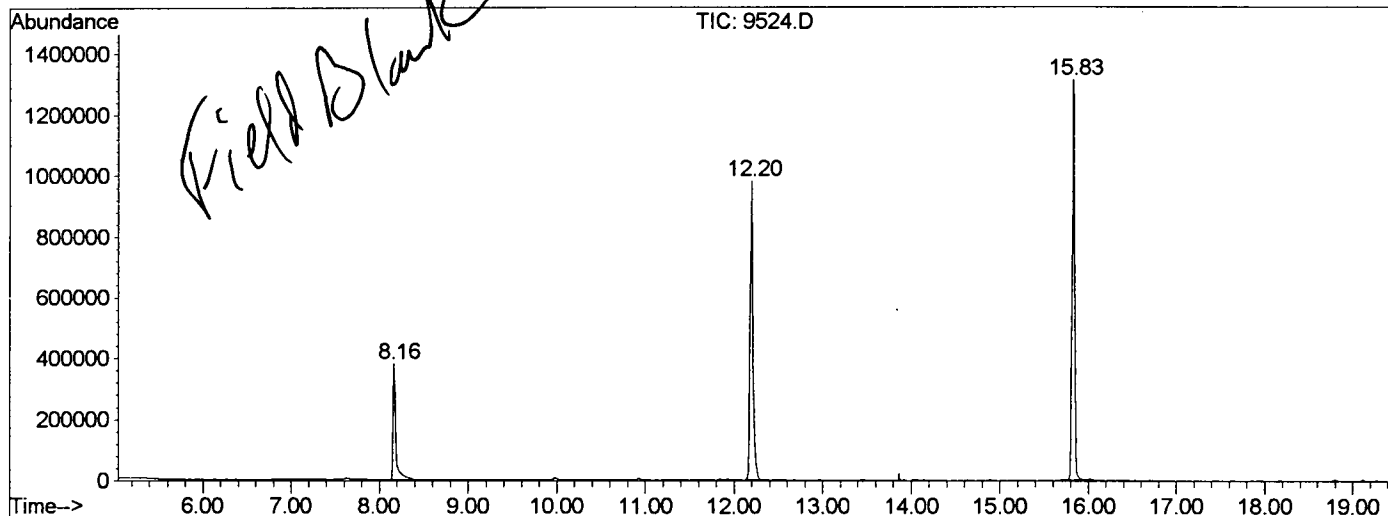
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.165	337	341	368	rBV	377561	824425	27.00%	5.373%
2	12.197	775	781	796	rVB	980218	2194755	71.88%	14.303%
3	15.826	1171	1177	1191	rBV	1310675	2766917	90.62%	18.032%
4	21.141	1750	1757	1773	rBV	1462480	3053338	100.00%	19.899%
5	23.276	1982	1990	1996	rBV	175539	342421	11.21%	2.232%
6	25.576	2234	2241	2253	rBV2	1283194	2773713	90.84%	18.077%
7	31.166	2846	2851	2867	rBV	121513	284647	9.32%	1.855%
8	33.640	3114	3121	3136	rBV	810582	1808509	59.23%	11.786%
9	37.873	3574	3583	3599	rBV2	433122	1295557	42.43%	8.443%

Sum of corrected areas: 15344282

9524.D GCMS0501.M Fri May 03 12:28:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9524.D
 Operator :
 Acquired : 3 May 2002 11:38 am using AcqMethod GCMS0501
 Instrument : 209
 Sample Name: GC/MS SCAN 4/22 FB
 Misc Info :
 Vial Number: 22
 Quant File :GCMS0501.RES (RTE Integrator)



9524.D GCMS0501.M Fri May 03 12:28:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D
Acq On : 3 May 2002 11:38 am
Sample : GC/MS SCAN 4/22 FB
Misc :
MS Integration Params: LSCINT.P

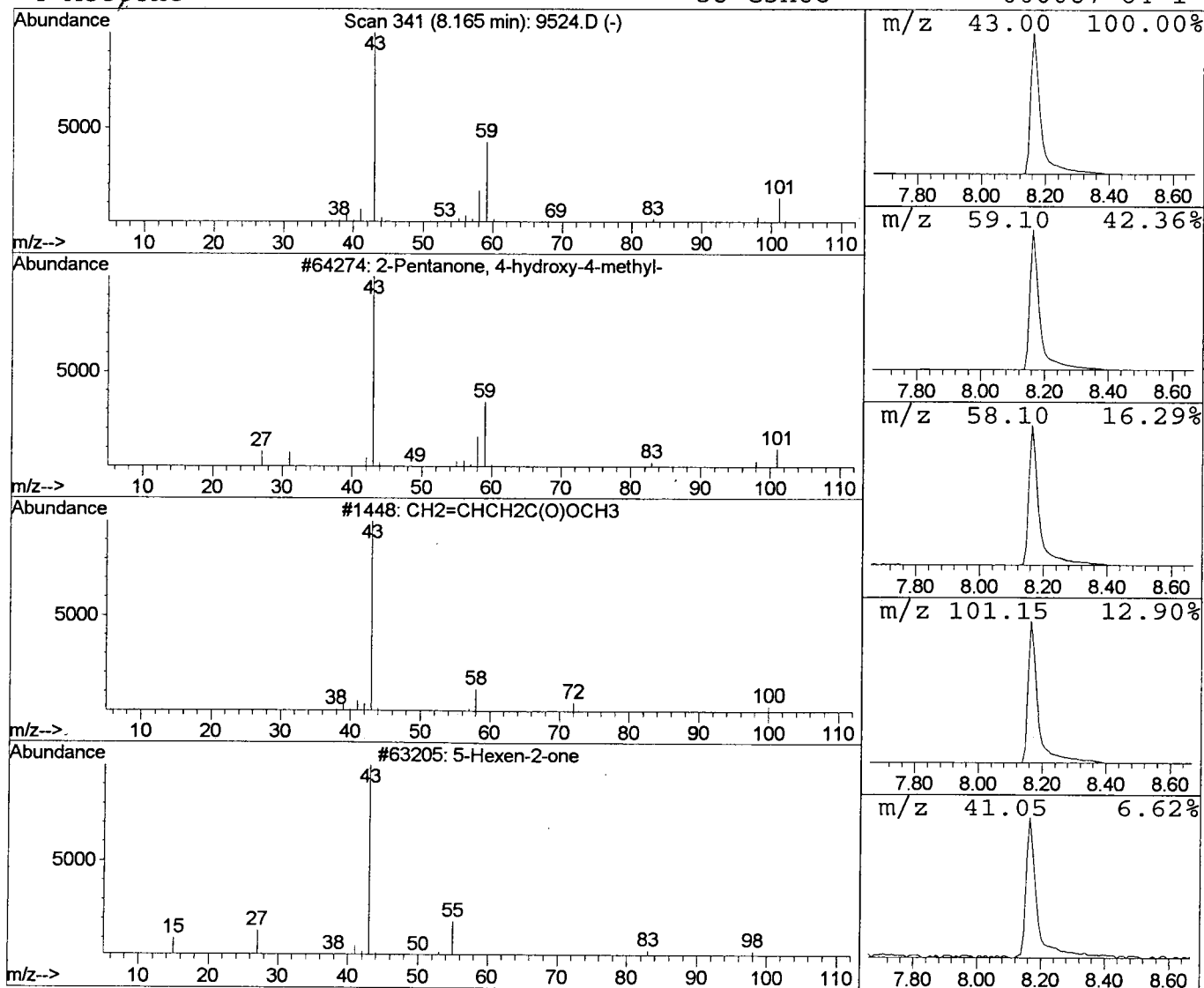
Vial: 22
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	15.03 ug/l	824425	1,4-Dichlorobenzene-d4	12.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	7
4		Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9524.D
Acq On : 3 May 2002 11:38 am
Sample : GC/MS SCAN 4/22 FB
Misc :
MS Integration Params: LSCINT.P

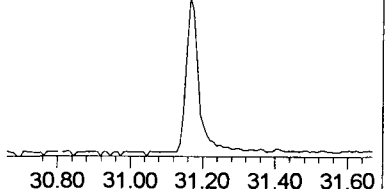
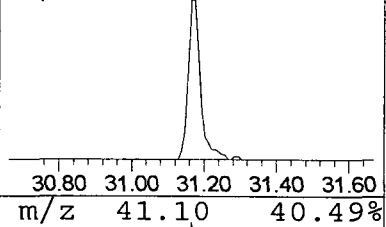
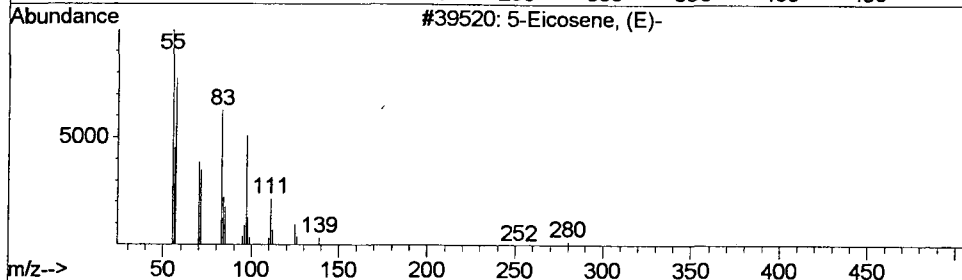
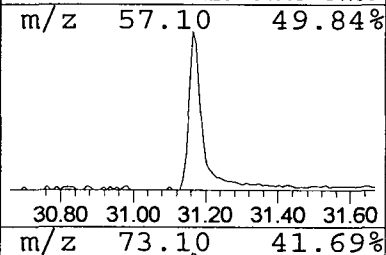
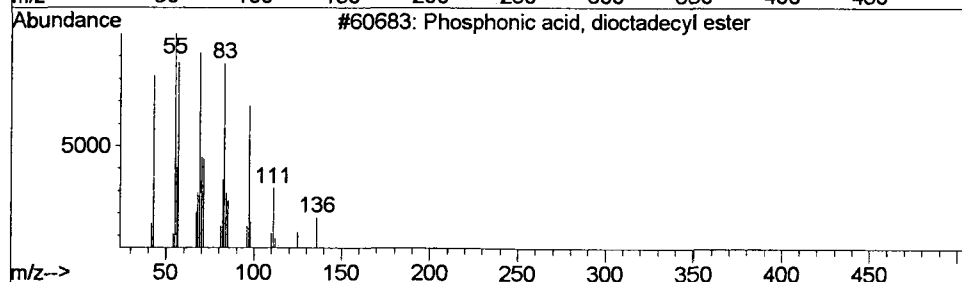
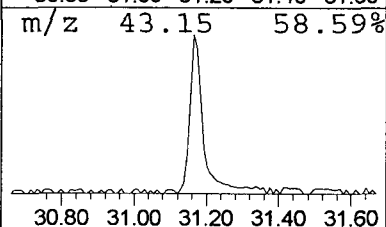
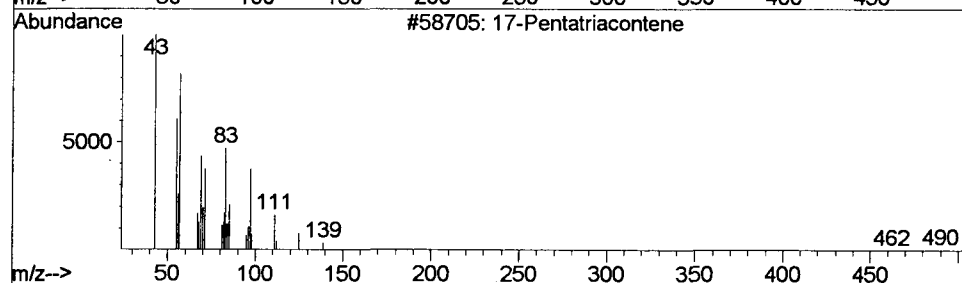
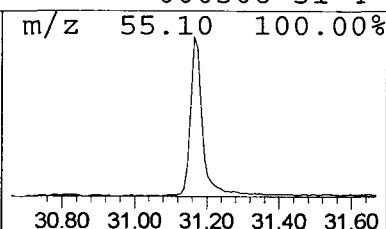
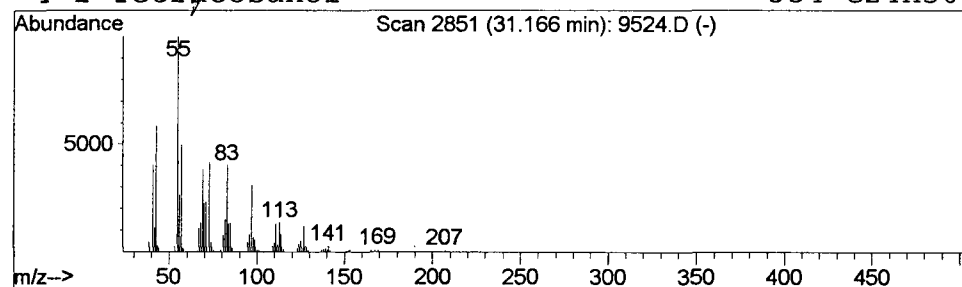
Vial: 22
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 17-Pentatriacontene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.17	6.30 ug/l	284647	Chrysene-d12	33.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	76
2			Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	68
4			1-Tetracosanol	354	C24H50O	000506-51-4	64



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 11:38 am
 Data File: C:\HPCHEM\1\DATA\MAY0202\9524.D
 Name: GC/MS SCAN 4/22 FB
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.16	15.0	ug/l	824425	ISTD01	12.20	2194760	40.0
17-Pentatriacontene	31.17	6.3	ug/l	284647	ISTD05	33.64	1808510	40.0
9524.D GCMS0501.M	Fri May 03 12:28:34 2002							