

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 08:17:54

Sample: AE11797
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/31/02 08:17 Ended: 5/31/02 08:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		10.0

Comments for Sample AE11797 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-31-2002 Time: 08:18:04

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\MAY2102\11797.D
 Acq On : 23 May 2002 3:03 am
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 24 8:28 2002

Vial: 38
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon May 20 15:10:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	436771	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1715168	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.08	164	834586	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1085441	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	626582	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	406137	40.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	23.22	209	155861	37.16	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	92.90%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	5.37	74	183	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	0.00	77	0	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	15.83	128	185	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	22.56	149	367	N.D.	
26) 4-Chlorophenylphenylether	23.22	204	597	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.22	168	368	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	0.00	178	0	N.D.	

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11797.D Vial: 38
 Acq On : 23 May 2002 3:03 am Operator:
 Sample : EXTRACT5/20 Inst : 209
 Misc : Multiplr: 1.00
 MS Integration Params: GOOFY.P
 Quant Time: May 24 8:28 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon May 20 15:10:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0520

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	0.00	178	0	N.D.	
36) Di-n-butylphthalate	27.50	149	39048	1.10 ug/l #	97
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	33.57	228	1406	N.D.	
42) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
43) Chrysene	33.57	228	1406	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	37.79	252	1604	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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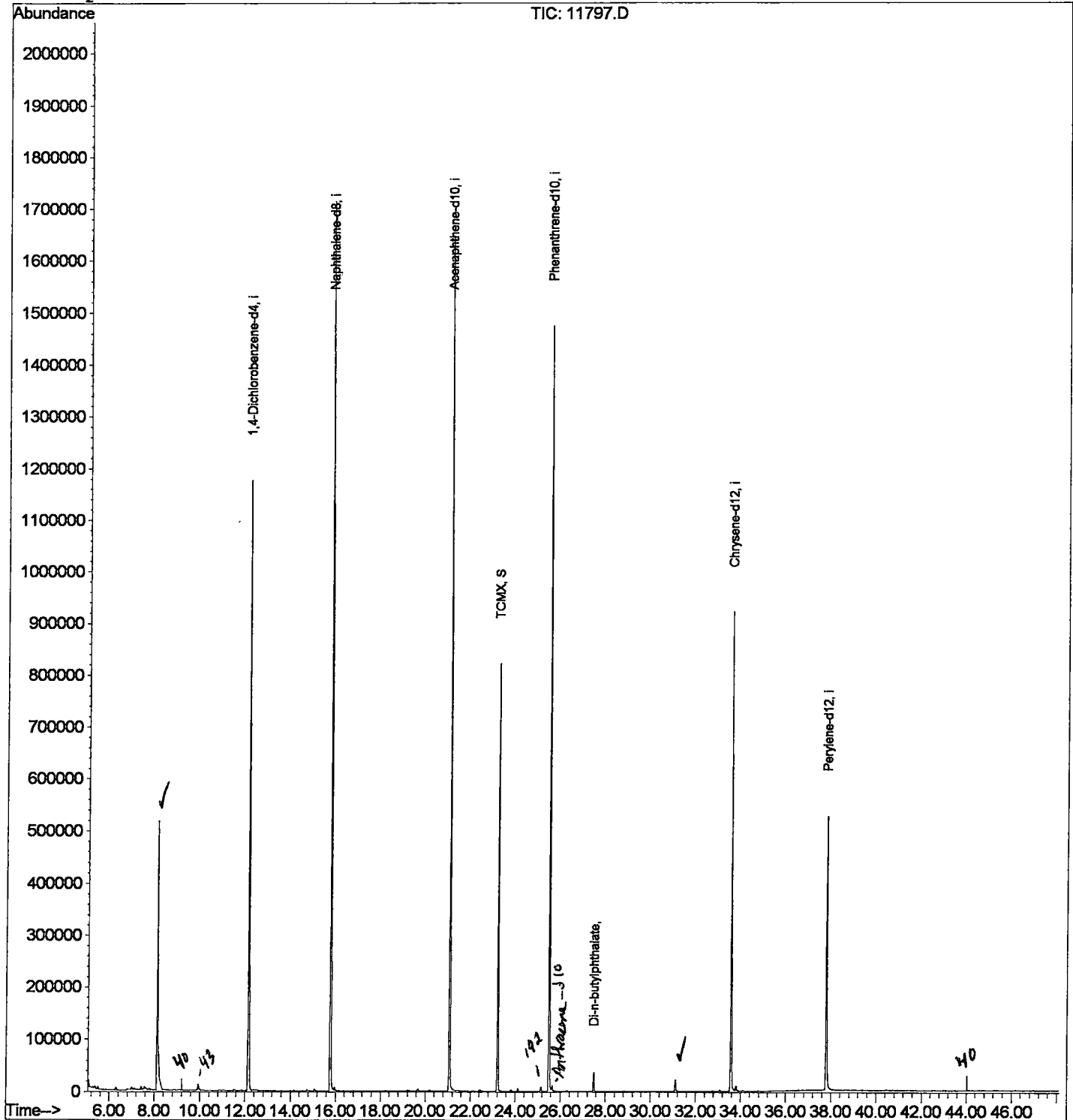
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11797.D
Acq On : 23 May 2002 3:03 am
Sample : EXTRACT5/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 24 8:28 2002

Vial: 38
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11797.D

Vial: 38

Acq On : 23 May 2002 3:03 am

Operator:

Sample : EXTRACT5/20

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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	8.118	332	336	341	rBV	515456	1031827	29.56%	5.394%
2	12.141	769	775	791	rBV	1174591	2677893	76.72%	14.000%
3	15.779	1166	1172	1189	rBV	1713462	3475887	99.58%	18.172%
4	21.076	1744	1750	1760	rBV	1643429	3490467	100.00%	18.248%
5	23.220	1974	1984	1993	rBV	821726	1674590	47.98%	8.755%
6	25.520	2228	2235	2245	rBV2	1471841	3072390	88.02%	16.063%
7	27.499	2445	2451	2457	rBV	36604	68879	1.97%	0.360%
8	31.110	2841	2845	2854	rBV2	21901	50467	1.45%	0.264%
9	33.575	3107	3114	3131	rBV2	921169	2038189	58.39%	10.656%
10	37.790	3566	3574	3593	rBV2	523484	1546945	44.32%	8.088%

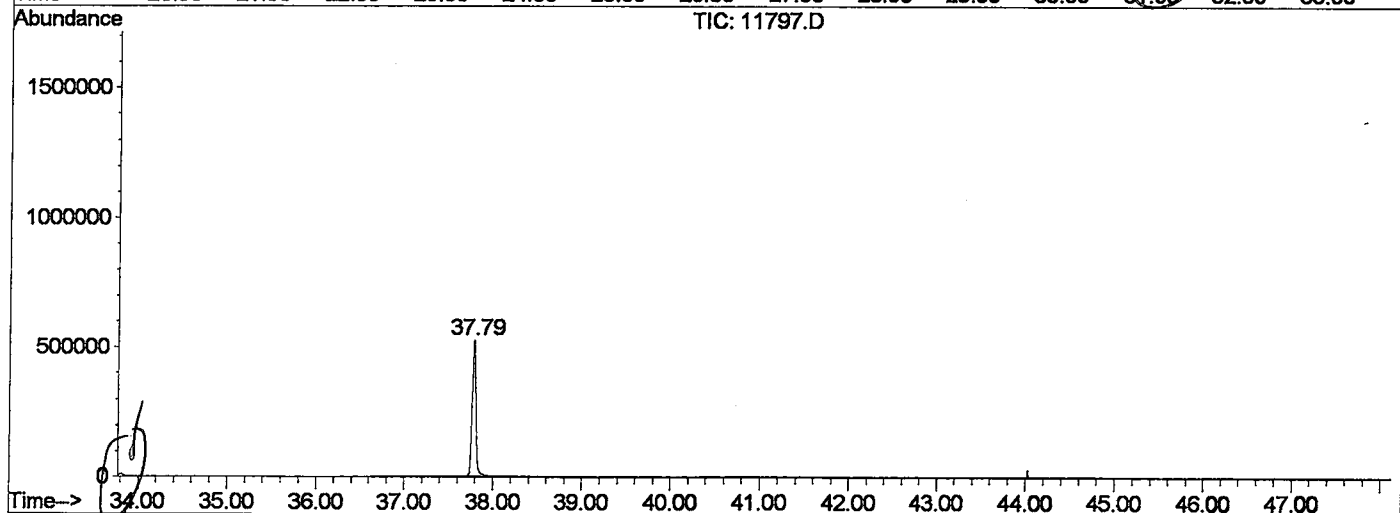
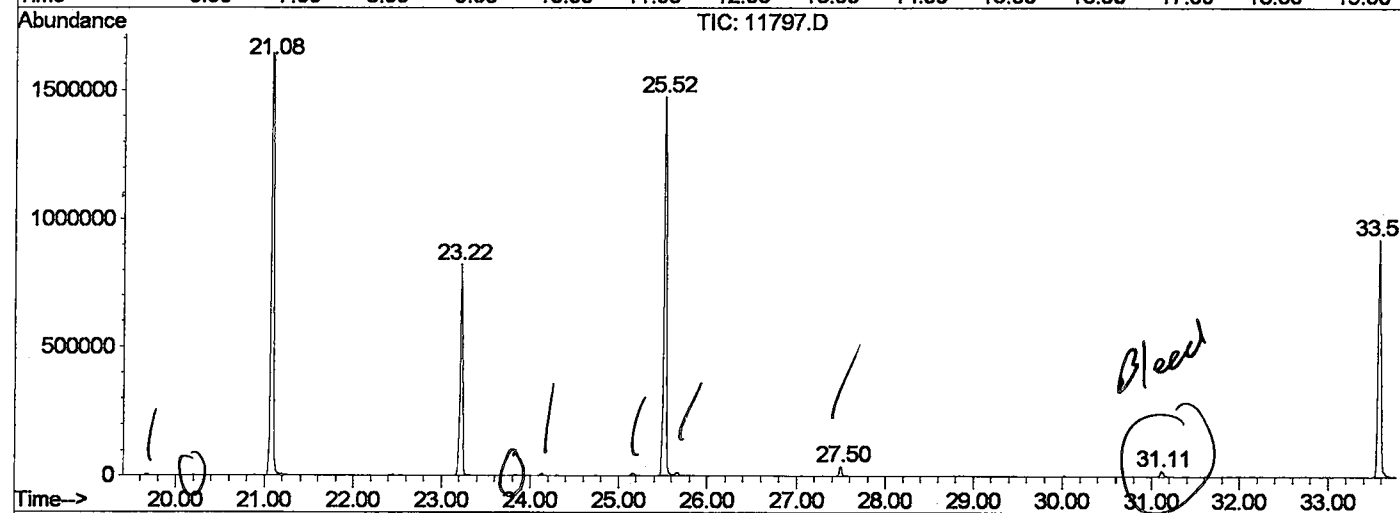
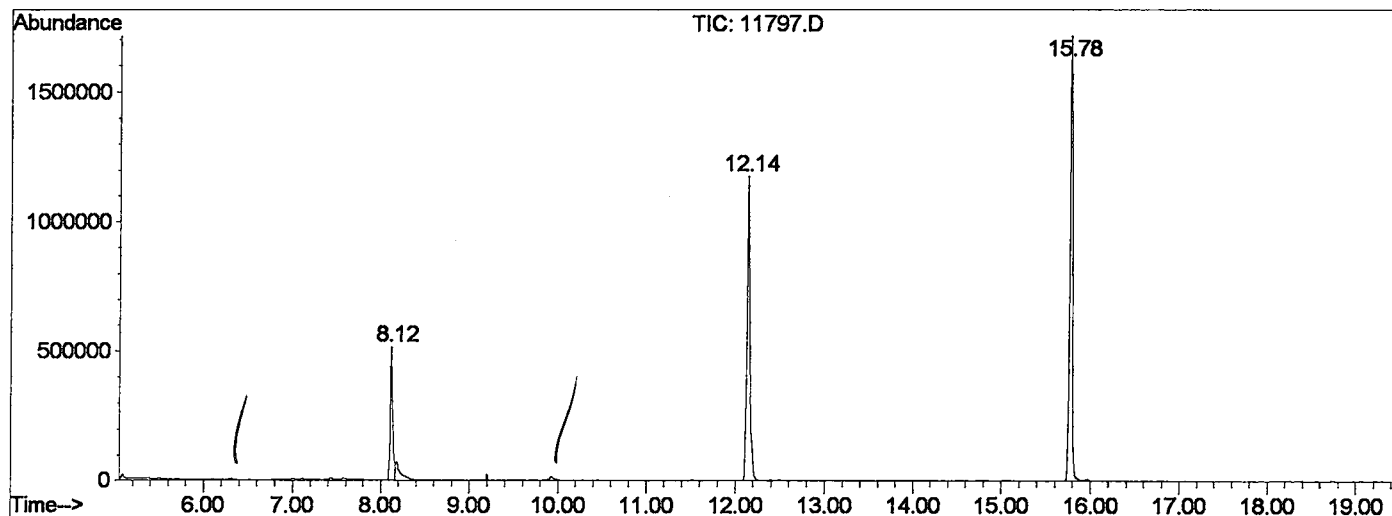
Sum of corrected areas: 19127534

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Fri May 24 08:34:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11797.D
 Operator :
 Acquired : 23 May 2002 3:03 am using AcqMethod GCMS0520
 Instrument : 209
 Sample Name: EXTRACT5/20
 Misc Info :
 Vial Number: 38
 Quant File :GCMS0520.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11797.D
Acq On : 23 May 2002 3:03 am
Sample : EXTRACT5/20
Misc :
MS Integration Params: LSCINT.P

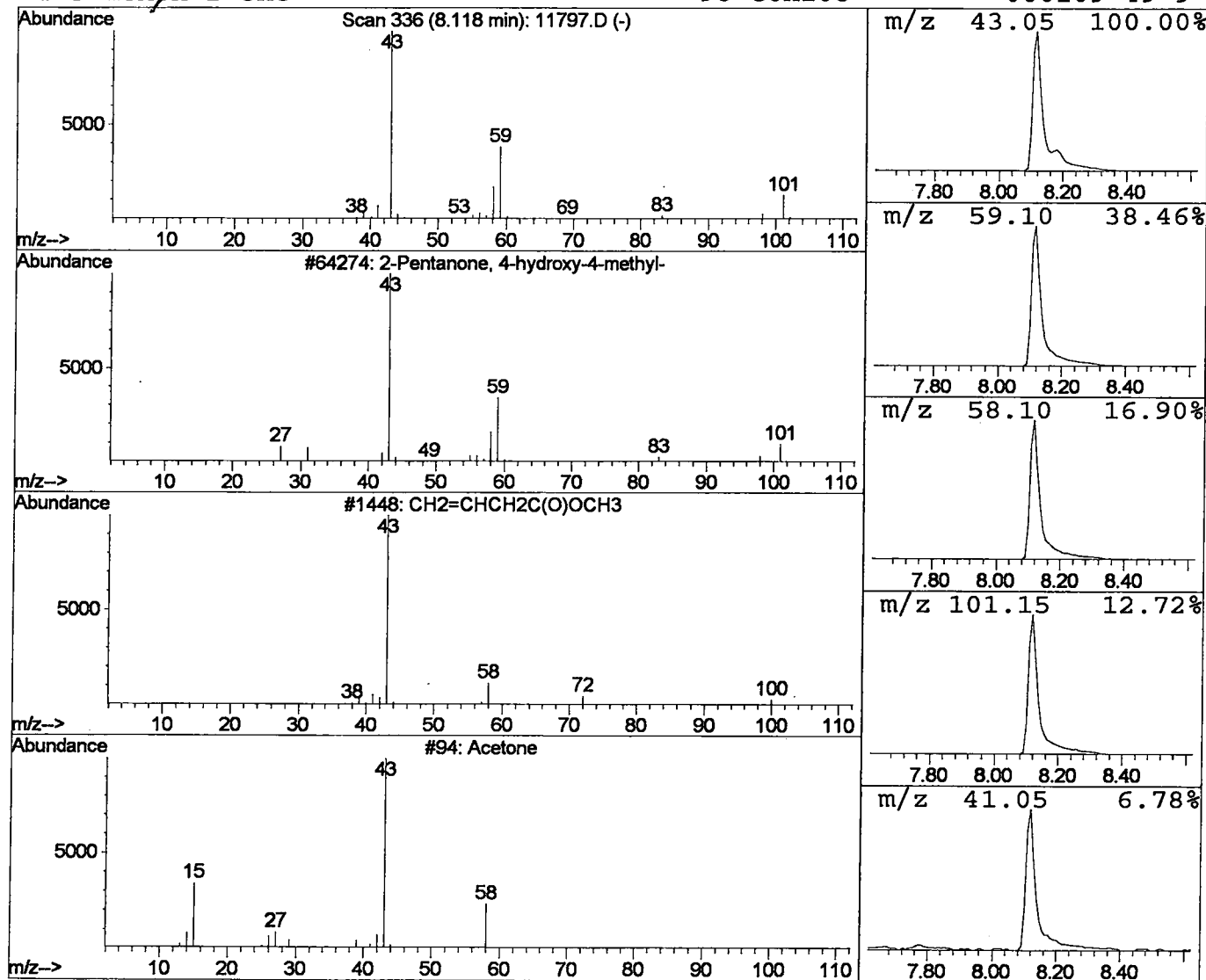
Vial: 38
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	15.41 ug/l	1031830	1,4-Dichlorobenzene-d4	12.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78	
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9	
3	Acetone	58	C3H6O	000067-64-1	7	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11797.D
Acq On : 23 May 2002 3:03 am
Sample : EXTRACT5/20
Misc :
MS Integration Params: LSCINT.P

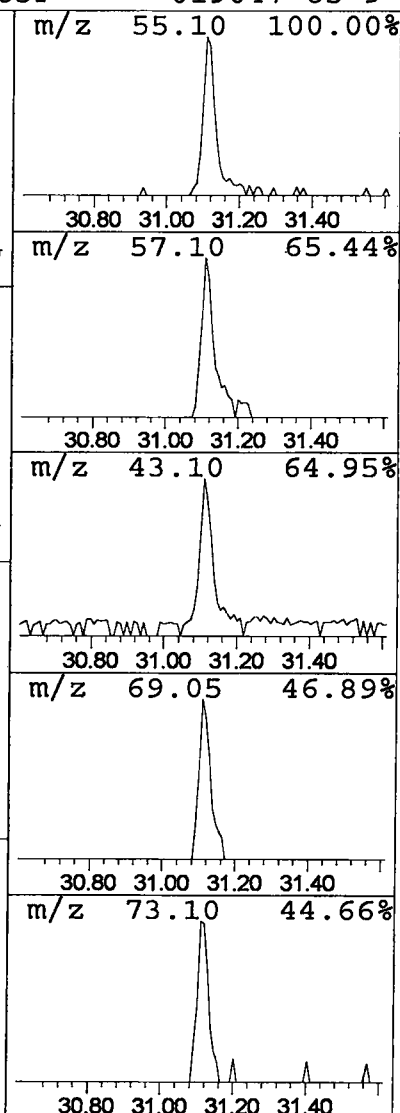
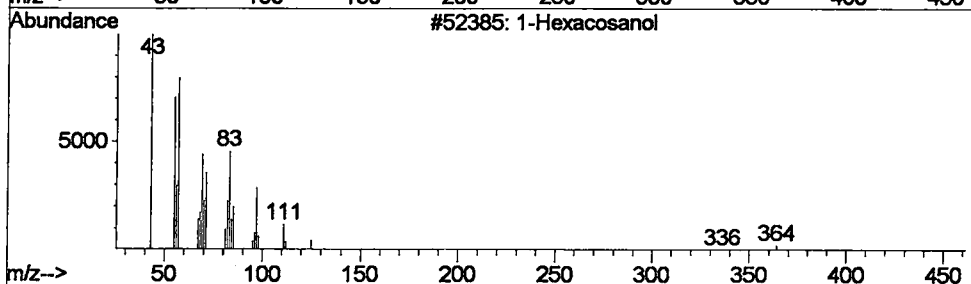
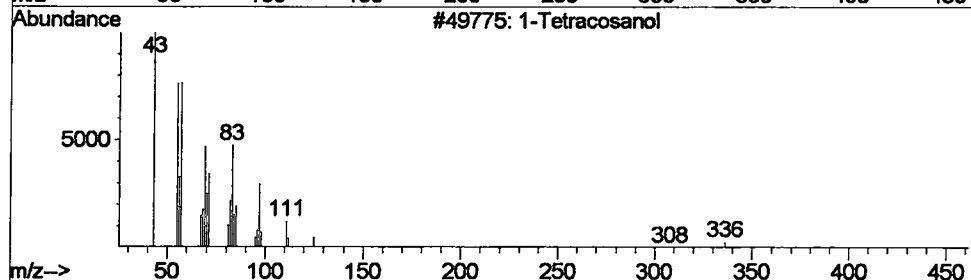
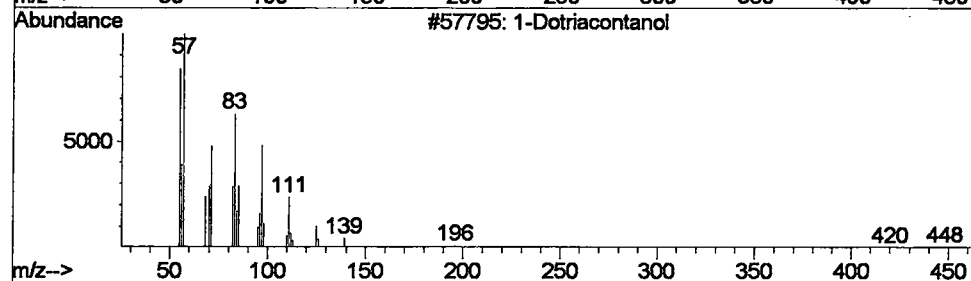
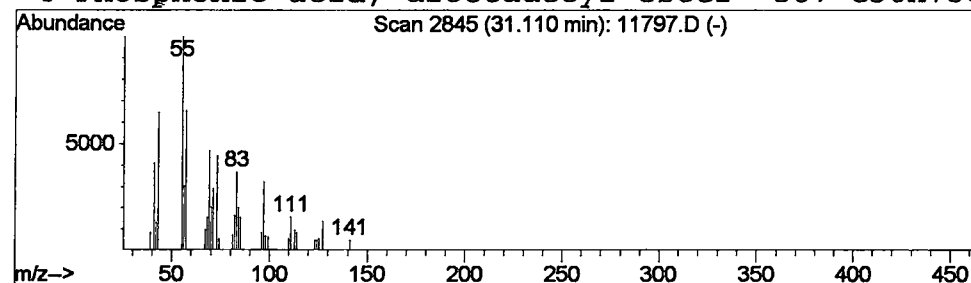
Vial: 38
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 1-Dotriacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.11	0.99 ug/l	50467	Chrysene-d12	33.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dotriacontanol		467	C32H66O	006624-79-9	64
2	1-Tetracosanol		354	C24H50O	000506-51-4	58
3	1-Hexacosanol		382	C26H54O	000506-52-5	53
4	Phosphonic acid, dioctadecyl ester		587	C36H75O3P	019047-85-9	53



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 May 2002 3:03 am
 Data File: C:\HPCHEM\1\DATA\MAY2102\11797.D
 Name: EXTRACT5/20
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0520.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	8.12	15.4	ug/l	1031830	ISTD01	12.14	2677890	40.0
1-Dotriaccontanol	31.11	1.0	ug/l	50467	ISTD05	33.57	2038190	40.0

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