

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/26/2002 Time: 10:49:48

Sample: AE08684
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/26/02 10:48 Ended: 4/26/02 10:48 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE08684 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-26-2002 Time: 10:53:52

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\APR2202\8684.D

Vial: 6

Acq On : 22 Apr 2002 2:03 pm

Operator:

Sample : gc/ms scan 4/11

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 22 14:55 2002

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Apr 17 11:48:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	447132	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1622663	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	924620	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1356021	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	926252	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	627928	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.28	209	37783	8.15	ug/L	-0.05
Spiked Amount	10.000		Recovery	=	81.50%	
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount	5.000		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-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	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	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.	
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	1399	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.	

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\8684.D

Vial: 6

Acq On : 22 Apr 2002 2:03 pm

Operator:

Sample : gc/ms scan 4/11

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 22 14:55 2002

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Apr 17 11:48:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	261	N.D.	
35) Anthracene	25.59	178	261	N.D.	
36) Di-n-butylphthalate	27.55	149	13173	0.30 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	29.96	202	214	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	3066	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2526	N.D.	
44) Chrysene	33.71	228	1265	N.D.	
46) Di-n-Octylphthalate	35.59	149	225	N.D.	
47) Benzo(b)fluoranthene	36.70	252	389	N.D.	
48) Benzo(k)fluoranthene	36.76	252	611	N.D.	
49) Benzo(a)pyrene	37.87	252	2665	N.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

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Mon Apr 22 14:56:12 2002

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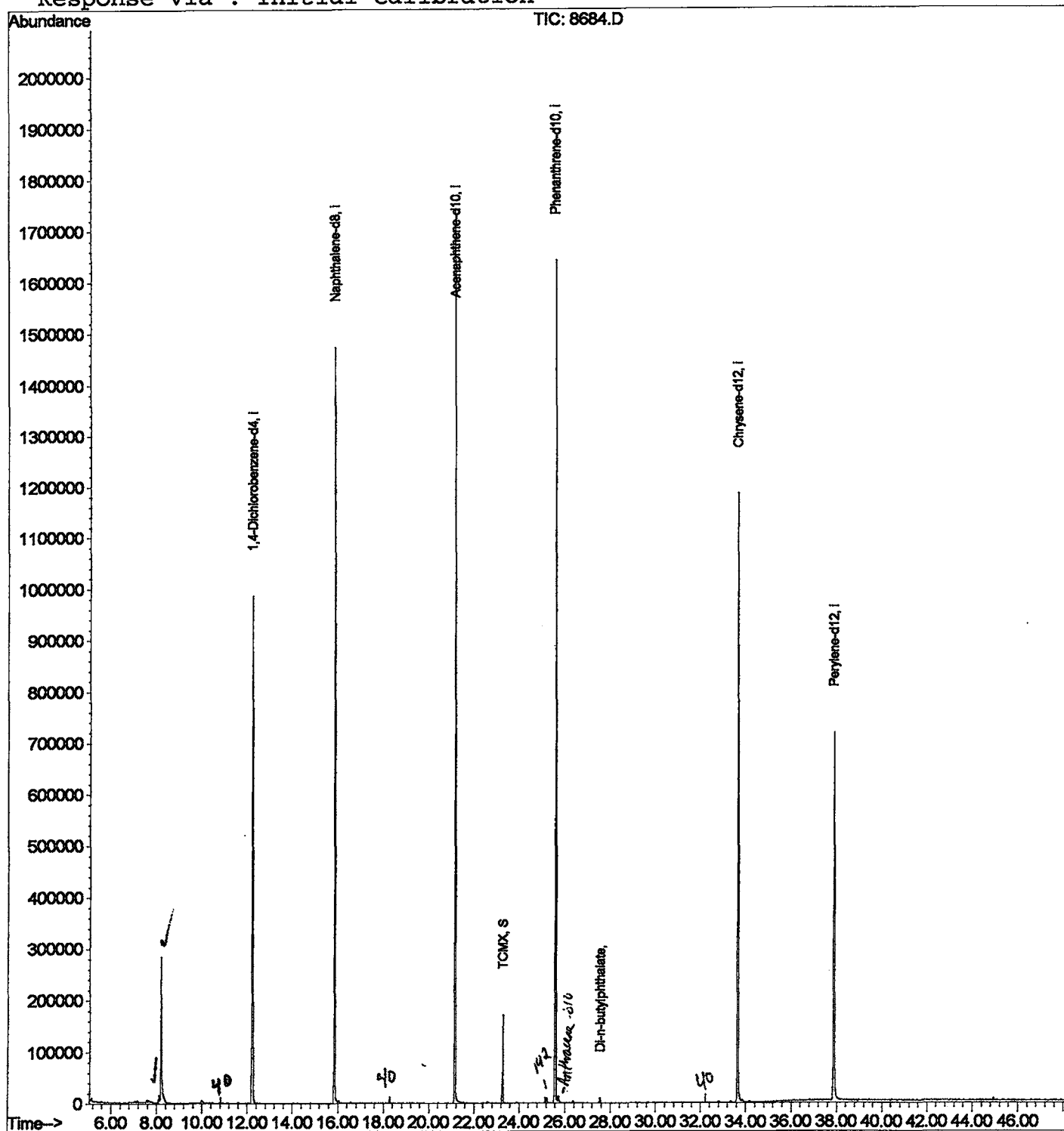
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\8684.D
Acq On : 22 Apr 2002 2:03 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 22 14:55 2002

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8684.D
 Acq On : 22 Apr 2002 2:03 pm
 Sample : gc/ms scan 4/11
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

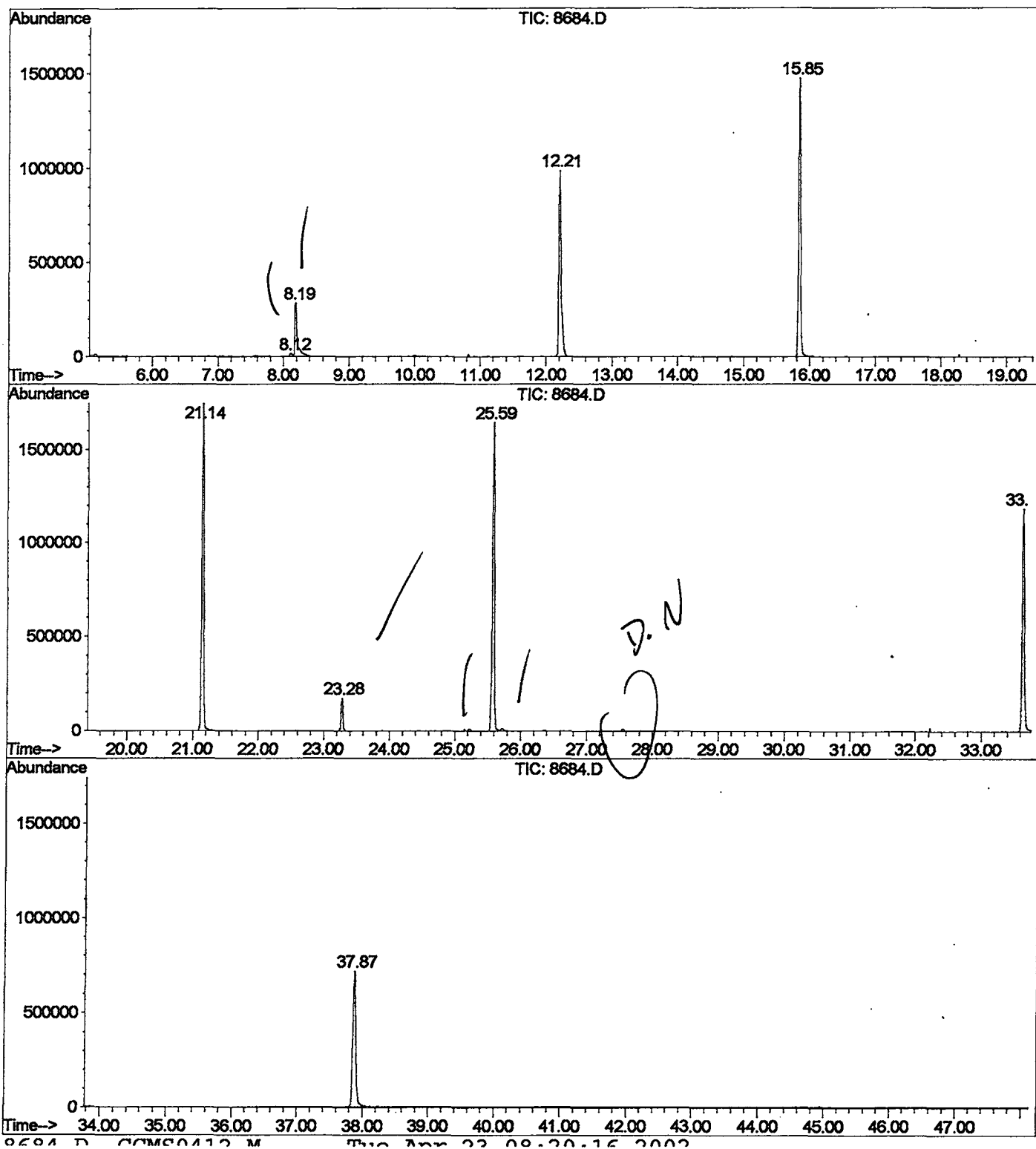
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.118	331	335	339	rBV	15075	35788	1.03%	0.197%
2	8.192	339	343	372	rVB	283835	746925	21.43%	4.106%
3	12.213	776	781	799	rVB	985909	2375685	68.17%	13.059%
4	15.848	1171	1177	1193	rBV	1473518	3054775	87.65%	16.793%
5	21.145	1748	1754	1765	rBV	1743449	3485063	100.00%	19.158%
6	23.284	1979	1987	1994	rVB	171847	332079	9.53%	1.825%
7	25.588	2231	2238	2248	rBV2	1643347	3375983	96.87%	18.558%
8	33.639	3108	3115	3135	rBV2	1185770	2675218	76.76%	14.706%
9	37.872	3568	3576	3595	rBV2	713979	2109731	60.54%	11.598%

Sum of corrected areas: 18191247

8684.D GCMS0412.M Tue Apr 23 08:20:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8684.D
 Operator :
 Acquired : 22 Apr 2002 2:03 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/11
 Misc Info :
 Vial Number: 6
 Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8684.D
 Acq On : 22 Apr 2002 2:03 pm
 Sample : gc/ms scan 4/11
 Misc :
 MS Integration Params: LSCINT.P

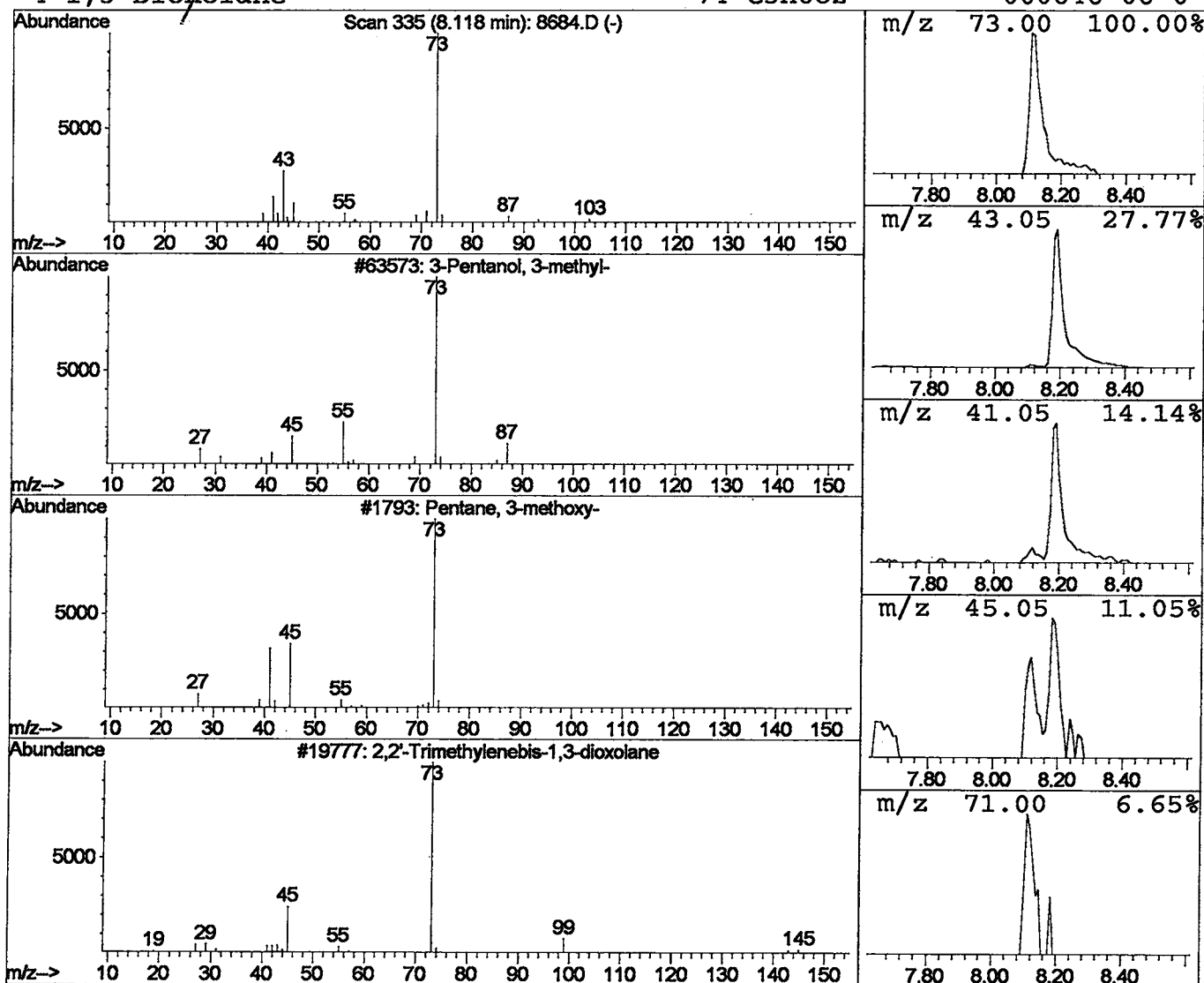
Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	0.30 ug/l	35788	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8684.D

Acq On : 22 Apr 2002 2:03 pm

Sample : gc/ms scan 4/11

Misc :

MS Integration Params: LSCINT.P

Vial: 6

Operator:

Inst : 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

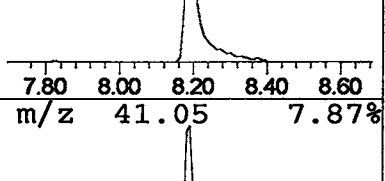
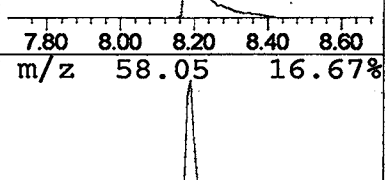
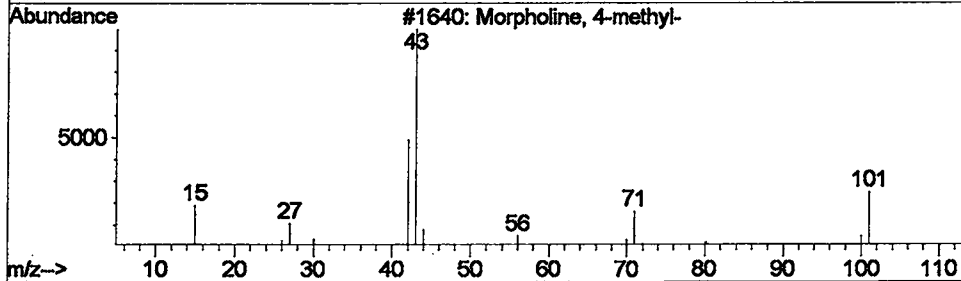
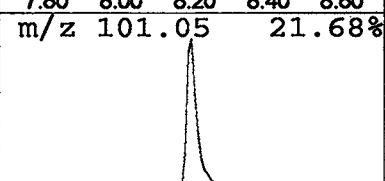
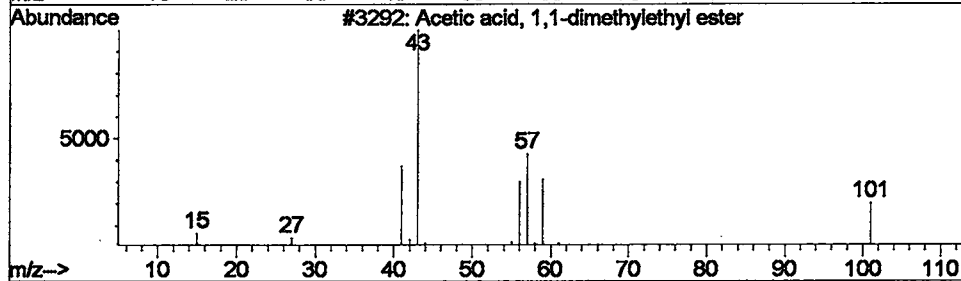
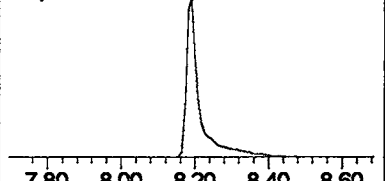
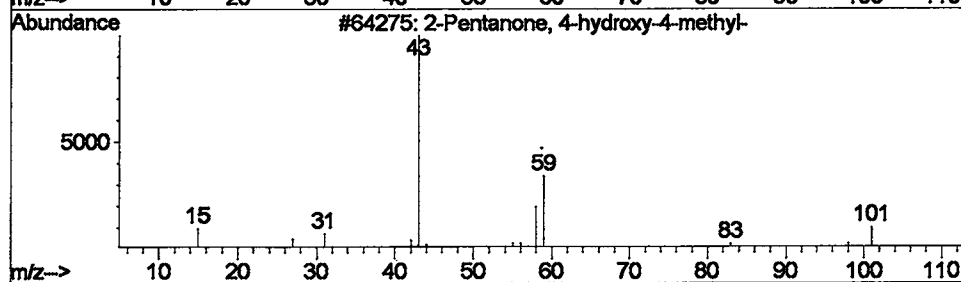
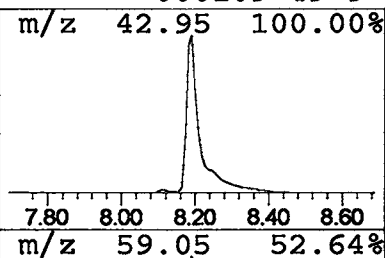
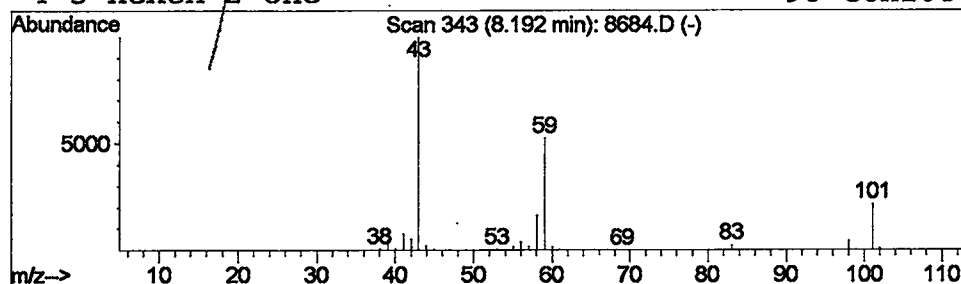
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.29 ug/l	746925	1,4-Dichlorobenzene-d4	12.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 2:03 pm
 Data File: C:\HPCHEM\1\DATA\APR2202\8684.D
 Name: gc/ms scan 4/11
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0412.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
3-Pentanol, 3-methyl	8.12	0.3	ug/l	35788	ISTD01	12.21	2375690	20.0
2-Pentanone, 4-hydro	8.19	6.3	ug/l	746925	ISTD01	12.21	2375690	20.0

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