User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 09:22:38

Sample: AE02967
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 09:22 Ended: 2/15/02 09:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AE02967 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 09:22:45

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 7 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\2967.D Vial: 31
Acq On : 9 Feb 2002 2:28 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:40 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	363112	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1391397	20.00	ug/l	0.00
17) Acenaphthene-d10	21.30	164	742043	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	1069679	20.00	ug/l	0.00
38) Chrysene-d12	33.82	240	644034	20.00	ug/l	-0.03
44) Perylene-d12	38.10	264	394785	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	51921	3.90	ug/mL	0.34
Spiked Amount 5.000			Recovery = 78.00%			
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	16.04	128	234	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	22.78	149	3096	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

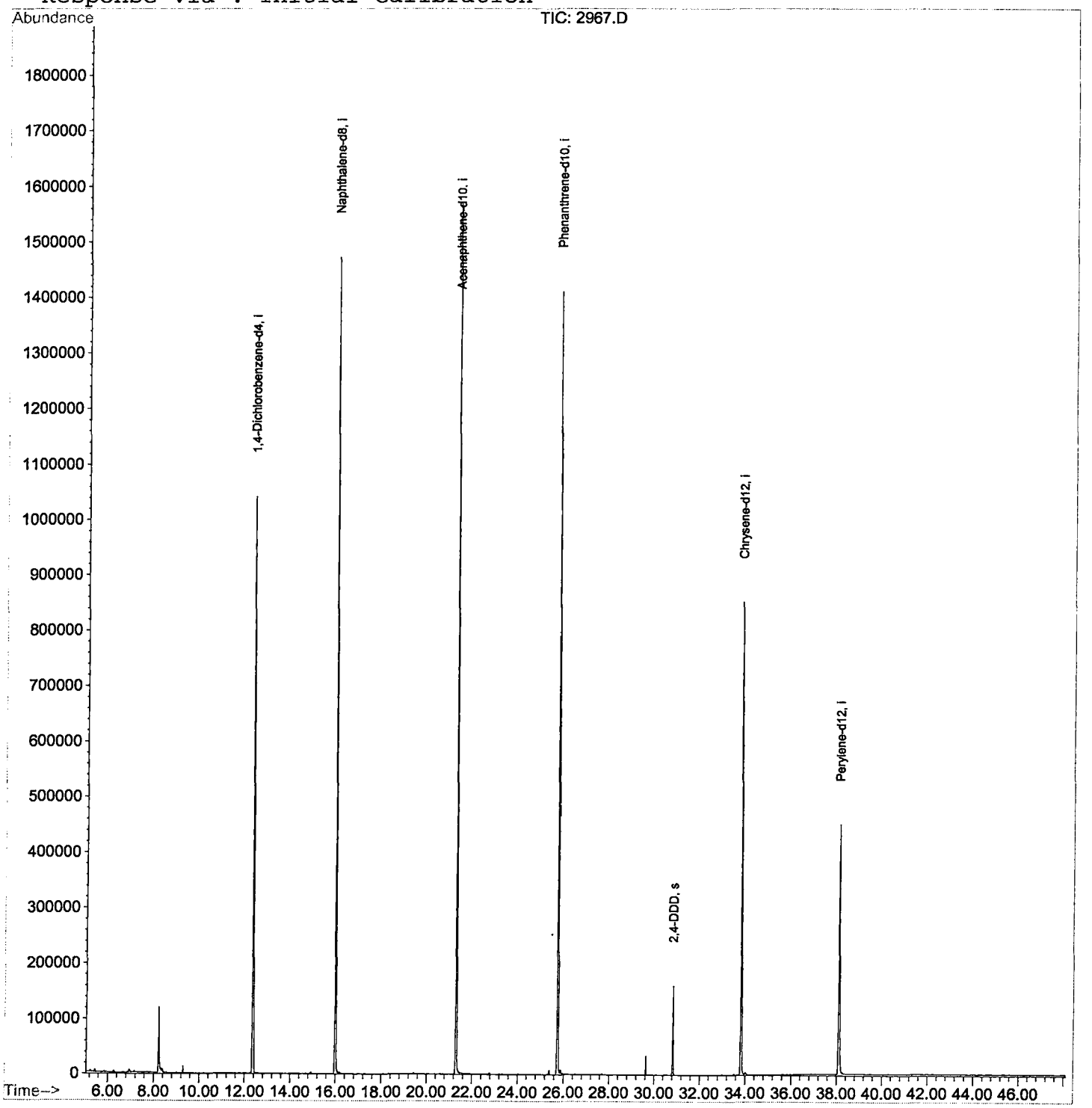
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.76	178	257	N.D.	
34)	Anthracene	25.76	178	257	N.D.	
35)	Di-n-butylphthalate	27.71	149	3227	N.D.	
36)	Fluoranthene	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	33.83	228	1676	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	2842	N.D.	
43)	Chrysene	33.83	228	1675	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.89	252	376	N.D.	
47)	Benzo(k)fluoranthene	36.96	252	338	N.D.	
48)	Benzo(a)pyrene	38.11	252	1690	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2967.D Vial: 31
Acq On : 9 Feb 2002 2:28 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:40 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2967.D Vial: 31
Acq On : 9 Feb 2002 2:28 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

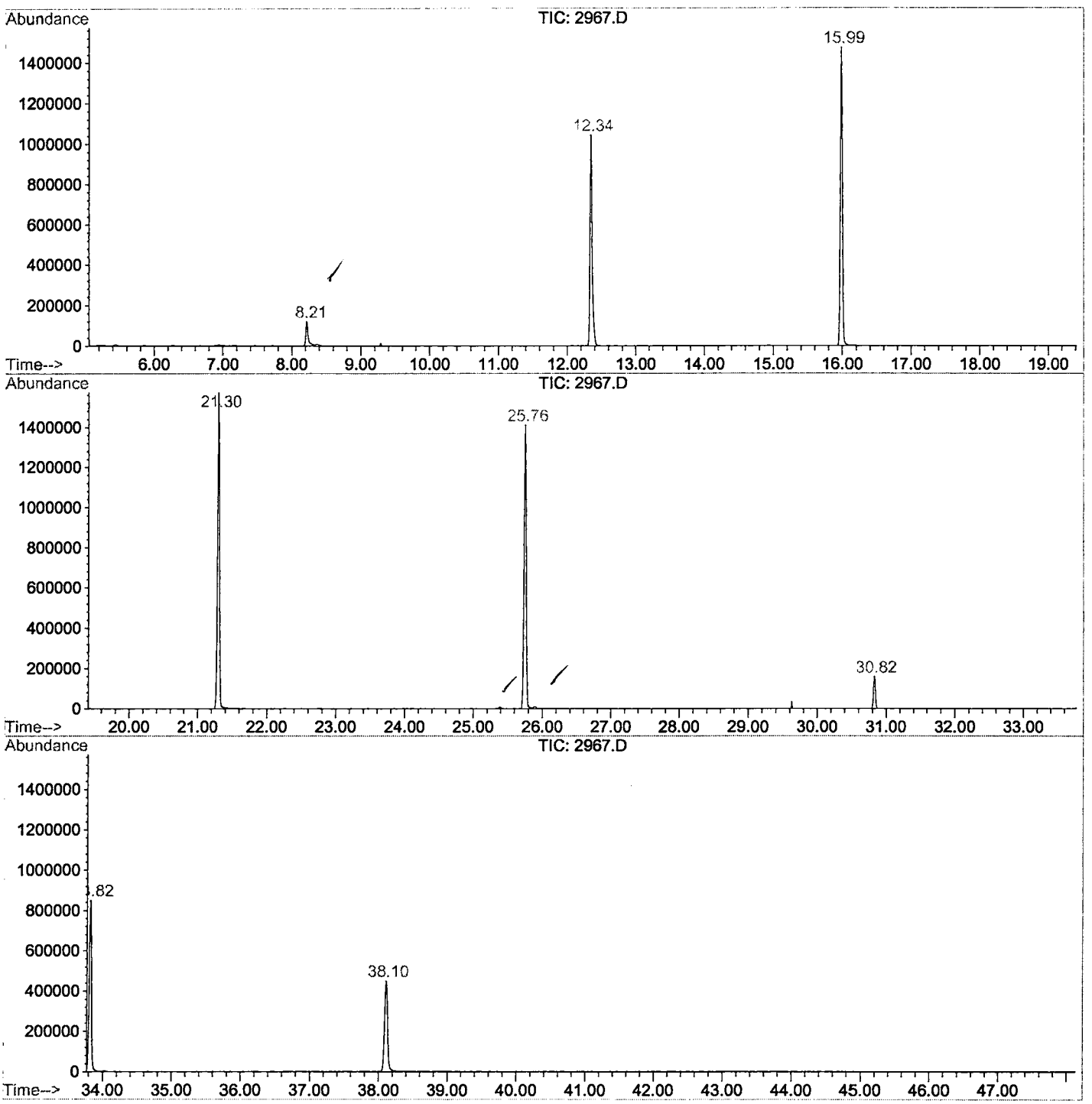
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.213	341	345	359	rBV	119167	284090	9.19%	1.874%
2	12.344	789	795	806	rBV	1041268	2301600	74.45%	15.185%
3	15.989	1186	1192	1208	rBV	1472222	2877680	93.08%	18.986%
4	21.304	1764	1771	1783	rBV	1572326	3091636	100.00%	20.397%
5	25.757	2249	2256	2267	rBV	1410867	2955596	95.60%	19.500%
6	30.824	2803	2808	2814	rBV	160315	322076	10.42%	2.125%
7	33.817	3128	3134	3151	rBV2	851993	1967346	63.63%	12.980%
8	38.104	3593	3601	3618	rBV2	449752	1357145	43.90%	8.954%

Sum of corrected areas: 15157169

2967.D GCMS0208.M Wed Feb 13 11:08:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\2967.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 2:28 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/7
Misc Info :
Vial Number: 31
Quant File :GCMS0208.RES (RTE Integrator)



2967.D GCMS0208.M Wed Feb 13 11:08:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2967.D
Acq On : 9 Feb 2002 2:28 pm
Sample : GC/MS SCAN 2/7
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

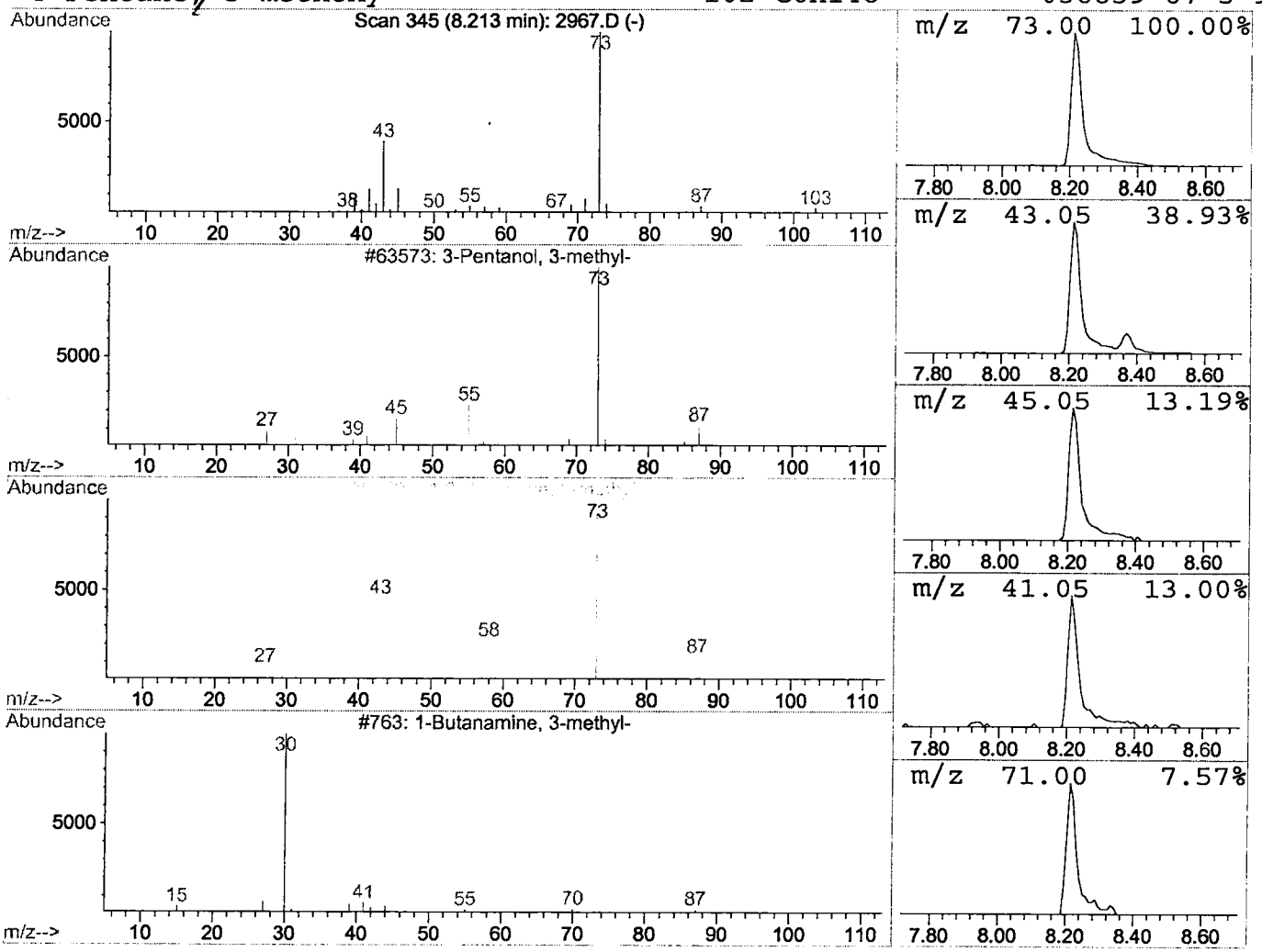
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	2.47 ug/l	284090	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 2:28 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\2967.D
Name: GC/MS SCAN 2/7
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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	8.21	2.5	ug/l	284090	ISTD01	12.34	2301600	20.0

2967.D GCMS0208.M Wed Feb 13 11:08:36 2002