User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 10:35:30

Sample: AE05054
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 10:35 Ended: 4/9/02 10:35 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE05054 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 10:35:35

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\MAR3002\5054.D Vial: 30
Acq On : 30 Mar 2002 9:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 15:19 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	484469	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1796114	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1008960	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1415893	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	682578	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	374153	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	91257	6.42 → 4.94	ug/mL	0.21
Spiked Amount 5.000			Recovery =	128.40% → 98.84		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.50	74	201	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	15.94	128	587	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	22.67	149	988	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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	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	25.63	178	377	N.D.	
34)	Anthracene	25.63	178	377	N.D.	
35)	Di-n-butylphthalate	27.60	149	3055	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	33.68	228	1566	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2401	N.D.	
43)	Chrysene	33.77	228	622	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	221	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	758	N.D.	
48)	Benzo(a)pyrene	37.73	252	118	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

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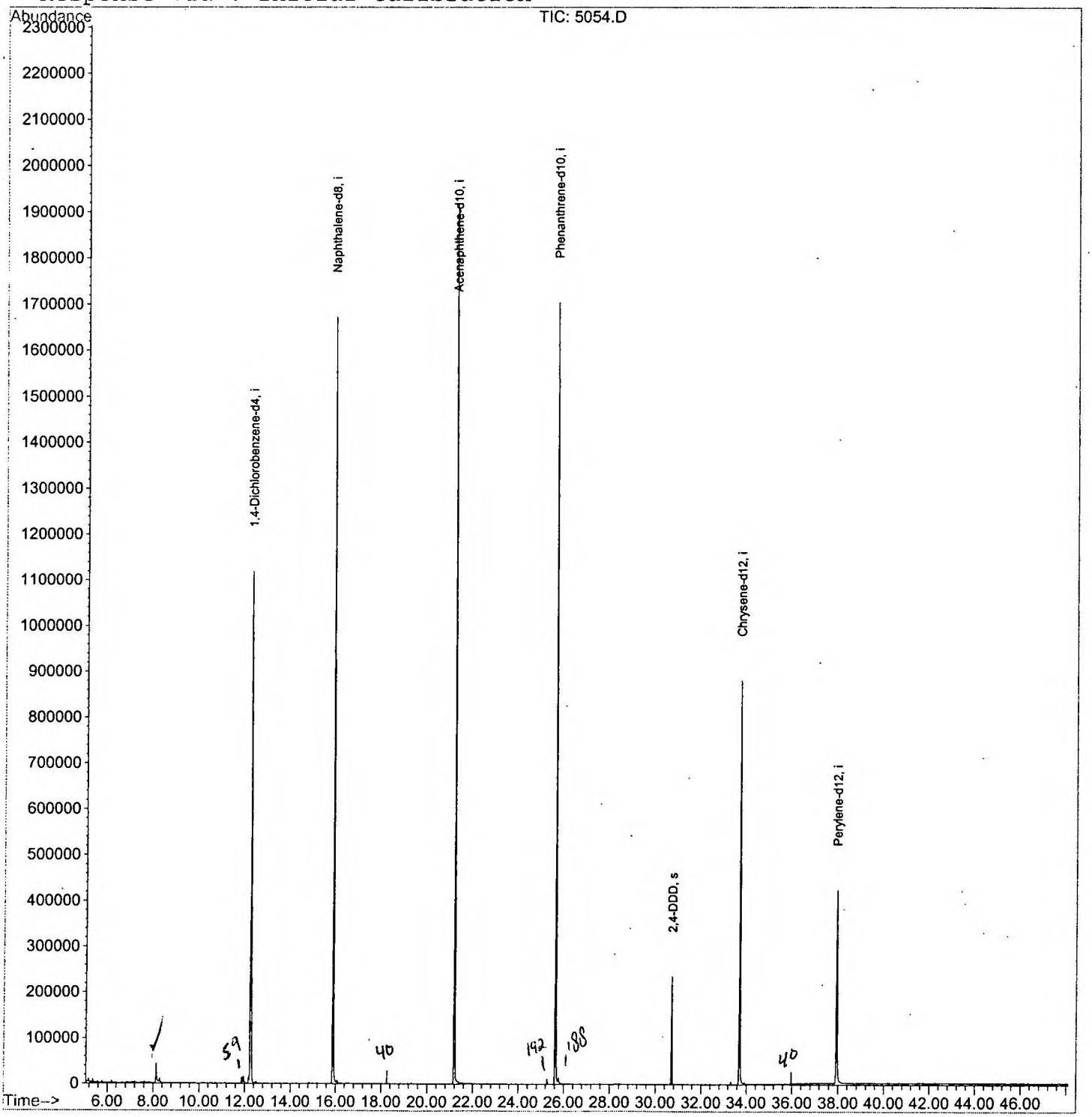
Acq On : 30 Mar 2002 9:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 15:19 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5054.D Vial: 30
Acq On : 30 Mar 2002 9:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

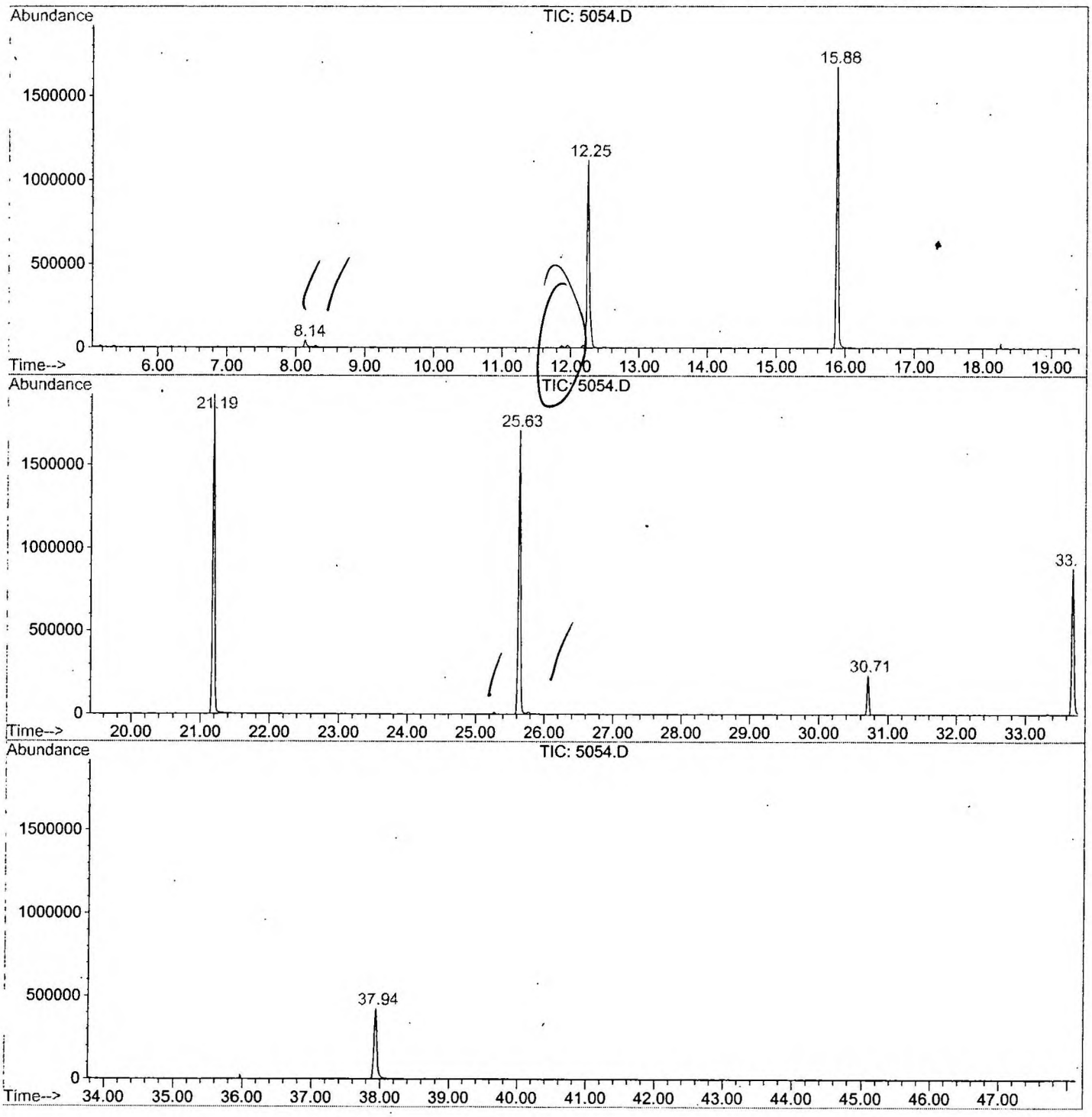
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	333	337	346	rBV	42073	101020	2.62%	0.585%
2	12.249	780	785	801	rVB	1117448	2642078	68.47%	15.312%
3	15.884	1175	1181	1198	rBV	1671840	3404166	88.22%	19.729%
4	21.191	1753	1759	1771	rBV	1918164	3858570	100.00%	22.362%
5	25.634	2236	2243	2253	rBV2	1703373	3538688	91.71%	20.509%
6	30.711	2791	2796	2803	rVB	236496	455568	11.81%	2.640%
7	33.694	3114	3121	3139	rBV	881135	1979916	51.31%	11.475%
8	37.935	3575	3583	3603	rBV2	421481	1274644	33.03%	7.387%

Sum of corrected areas: 17254650

5054.D GCMS0308.M Tue Apr 02 15:32:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5054.D
Operator :
Acquired : 30 Mar 2002 9:43 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 30
Quant File :GCMS0308.RES (RTE Integrator)



5054.D GCMS0308.M Tue Apr 02 15:32:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5054.D Vial: 30
Acq On : 30 Mar 2002 9:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

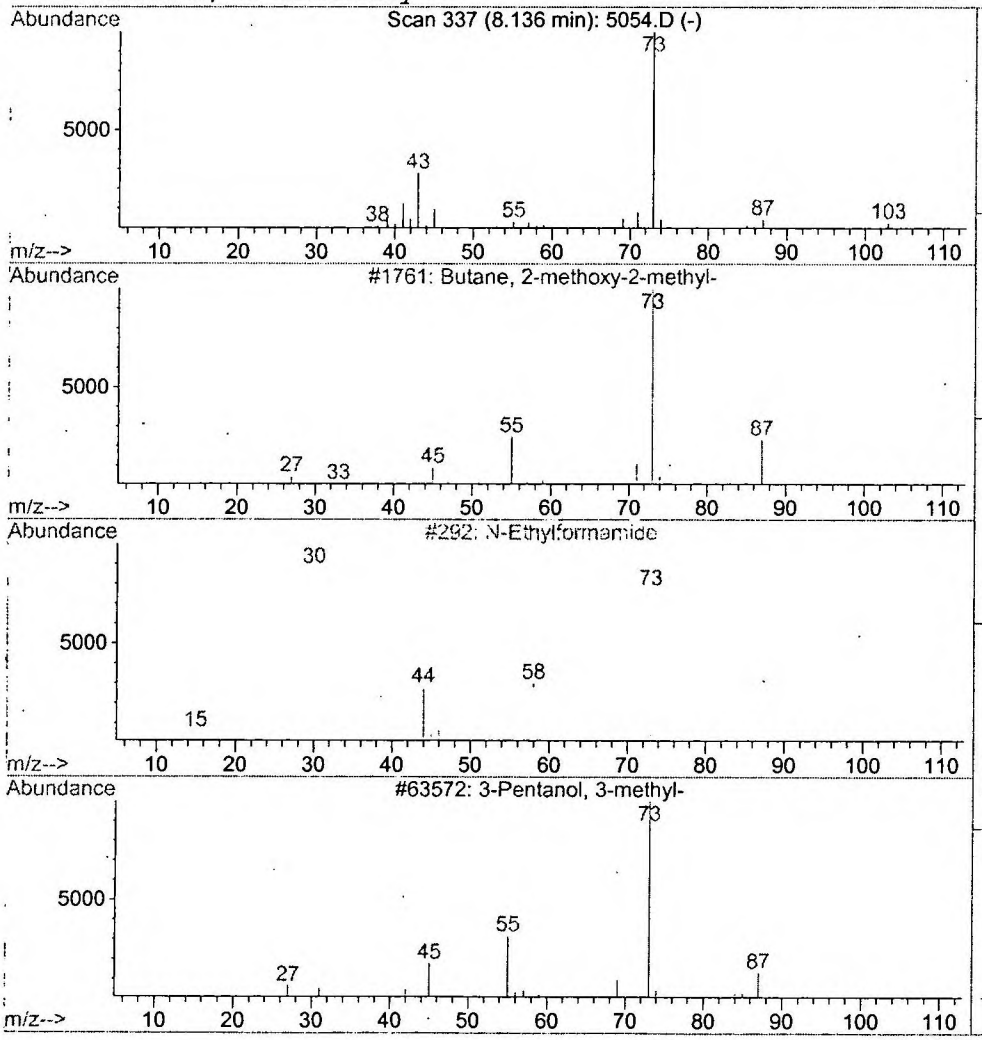
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

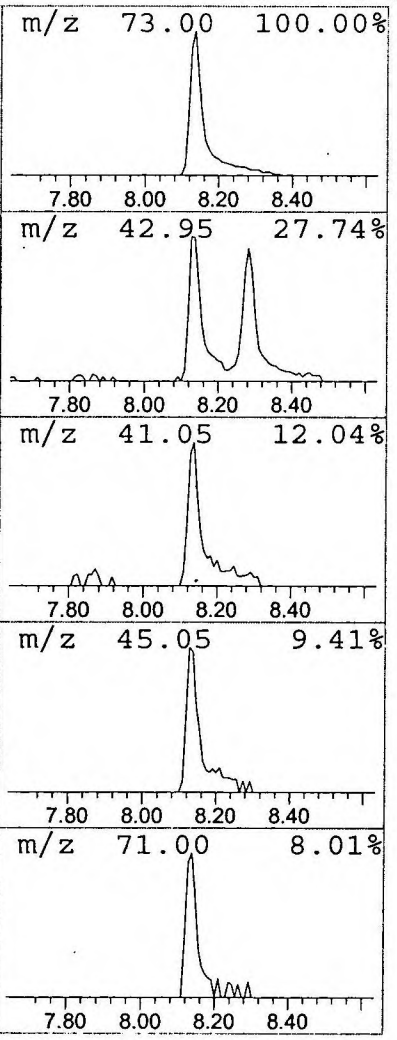
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.76 ug/l	101020	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 9:43 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5054.D
Name: gc/ms scan 3/8
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
~~Butane, 2-methoxy-2-~~	8.14	0.8	ug/l	101020	ISTD01	12.25	2642080	20.0

5054.D GCMS0308.M Tue Apr 02 15:32:40 2002