User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:21:32

Sample: AE12574
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:21 Ended: 6/7/02 14:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE12574 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:21:59

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\JUN0302\12574.D Vial: 25
Acq On : 4 Jun 2002 8:54 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:50 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	496144	40.00	ug/l	0.00
10) Naphthalene-d8	15.69	136	1994397	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	946357	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1470703	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	806248	40.00	ug/l	-0.04
44) Perylene-d12	37.65	264	469120	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	196816	30.06	ug/L	-0.02
Spiked Amount 40.000			Recovery = 75.15%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.06	146	544	N.D.		
5) 1,4-Dichlorobenzene	12.06	146	544	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	15.76	128	370	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	22.49	149	496	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1285	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	454	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	462	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

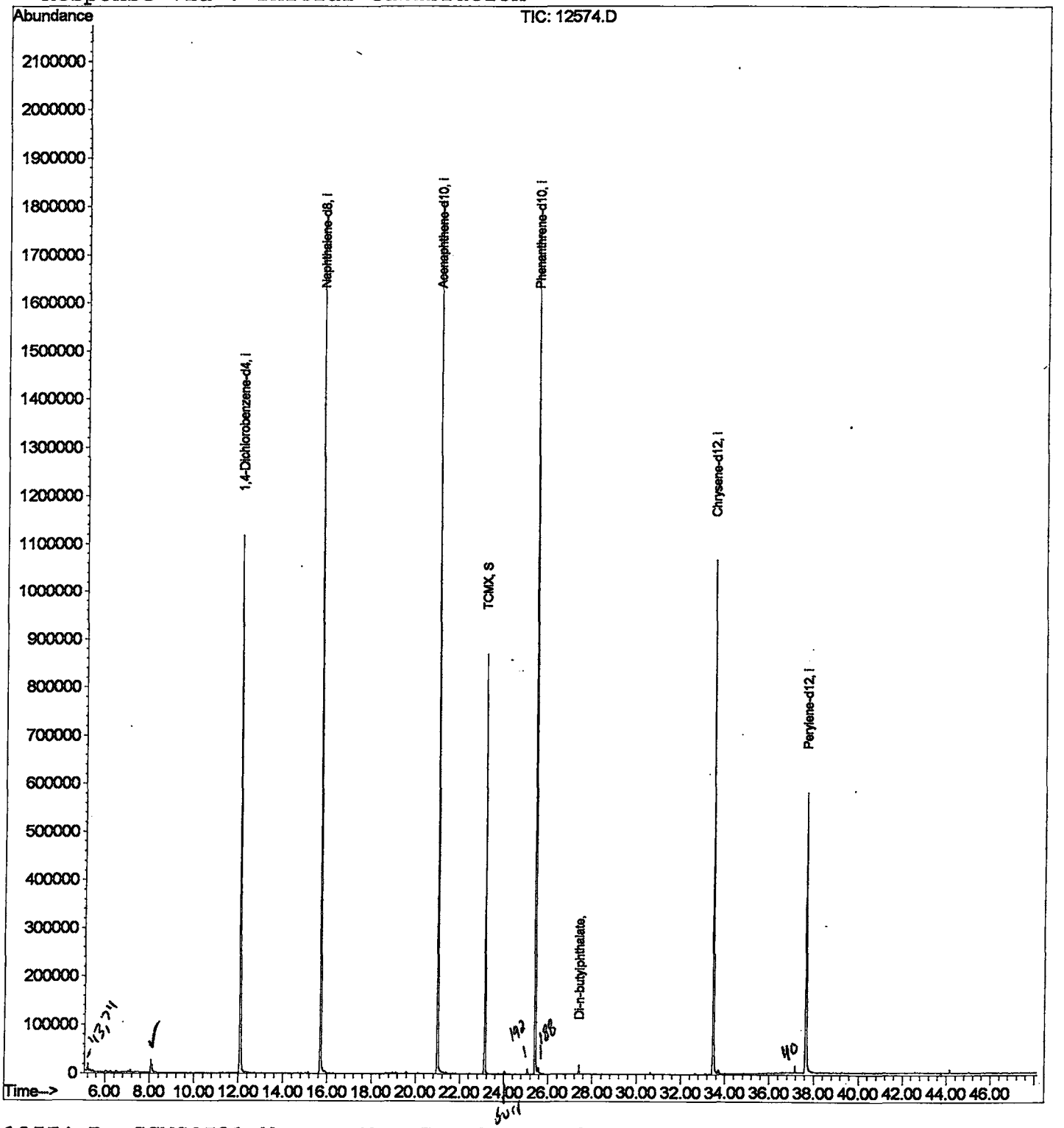
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.43	178	462	N.D.	
36) Di-n-butylphthalate	27.41	149	23237	0.44 ug/l #	98
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.47	228	1888	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	4776	N.D.	
43) Chrysene	33.47	228	1888	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	37.64	252	1853	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\JUN0302\12574.D Vial: 25
Acq On : 4 Jun 2002 8:54 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:50 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12574.D Vial: 25
Acq On : 4 Jun 2002 8:54 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

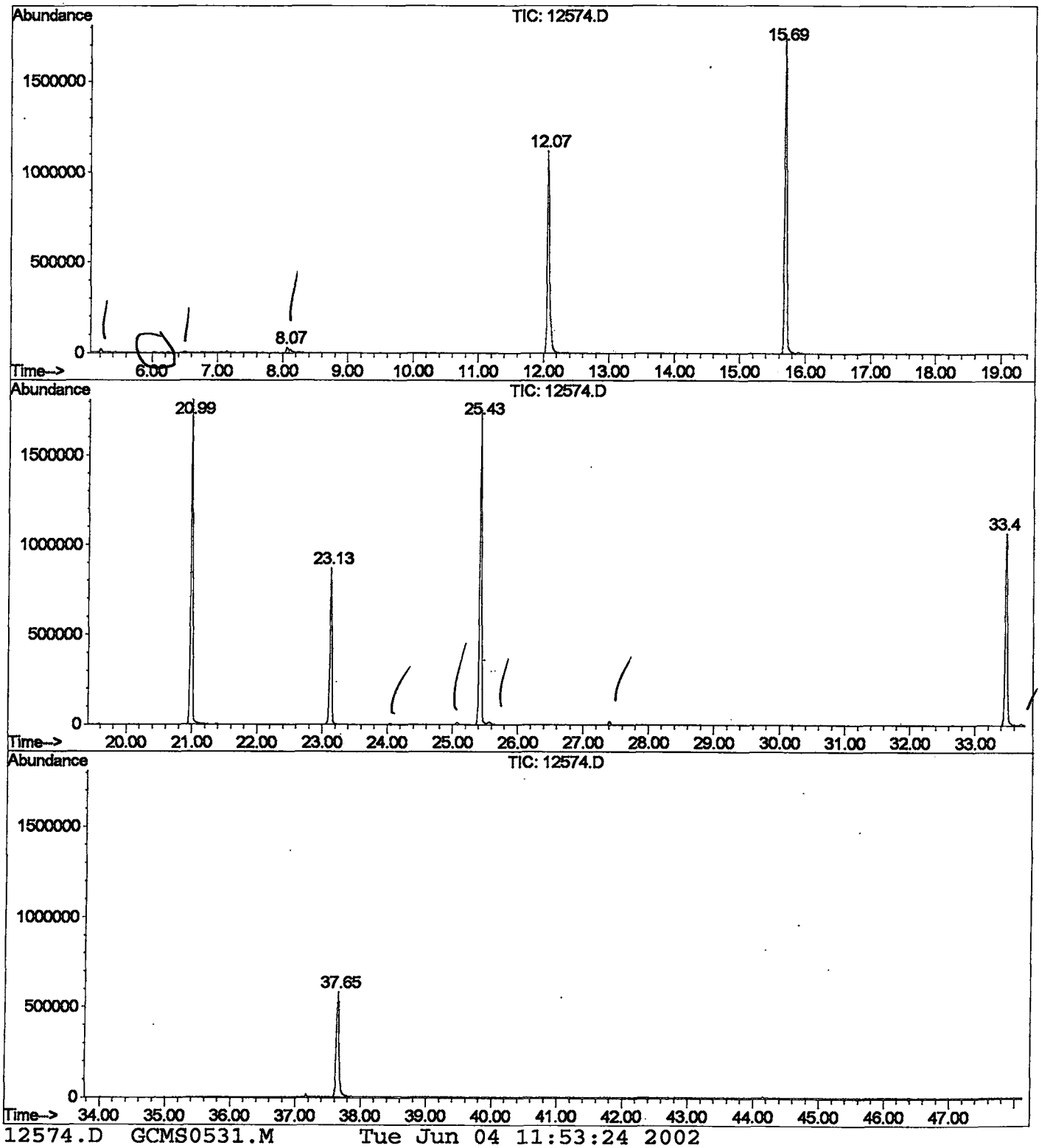
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.066	325	329	332	rBV	26999	57528	1.53%	0.287%
2	12.068	759	765	787	rBV	1117764	2723324	72.55%	13.569%
3	15.694	1154	1160	1175	rBV	1760671	3683933	98.14%	18.356%
4	20.991	1730	1737	1754	rBV	1810677	3753573	100.00%	18.703%
5	23.130	1962	1970	1978	rBV	869404	1819942	48.49%	9.068%
6	25.426	2213	2220	2231	rBV2	1753218	3746445	99.81%	18.667%
7	33.467	3089	3096	3115	rBV2	1066547	2535871	67.56%	12.635%
8	37.654	3543	3552	3573	rBV2	578235	1748837	46.59%	8.714%

Sum of corrected areas: 20069453

12574.D GCMS0531.M Tue Jun 04 11:53:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12574.D
Operator :
Acquired : 4 Jun 2002 8:54 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 25
Quant File :GCMS0531.RES (RTE Integrator)



12574.D GCMS0531.M Tue Jun 04 11:53:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12574.D Vial: 25
Acq On : 4 Jun 2002 8:54 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

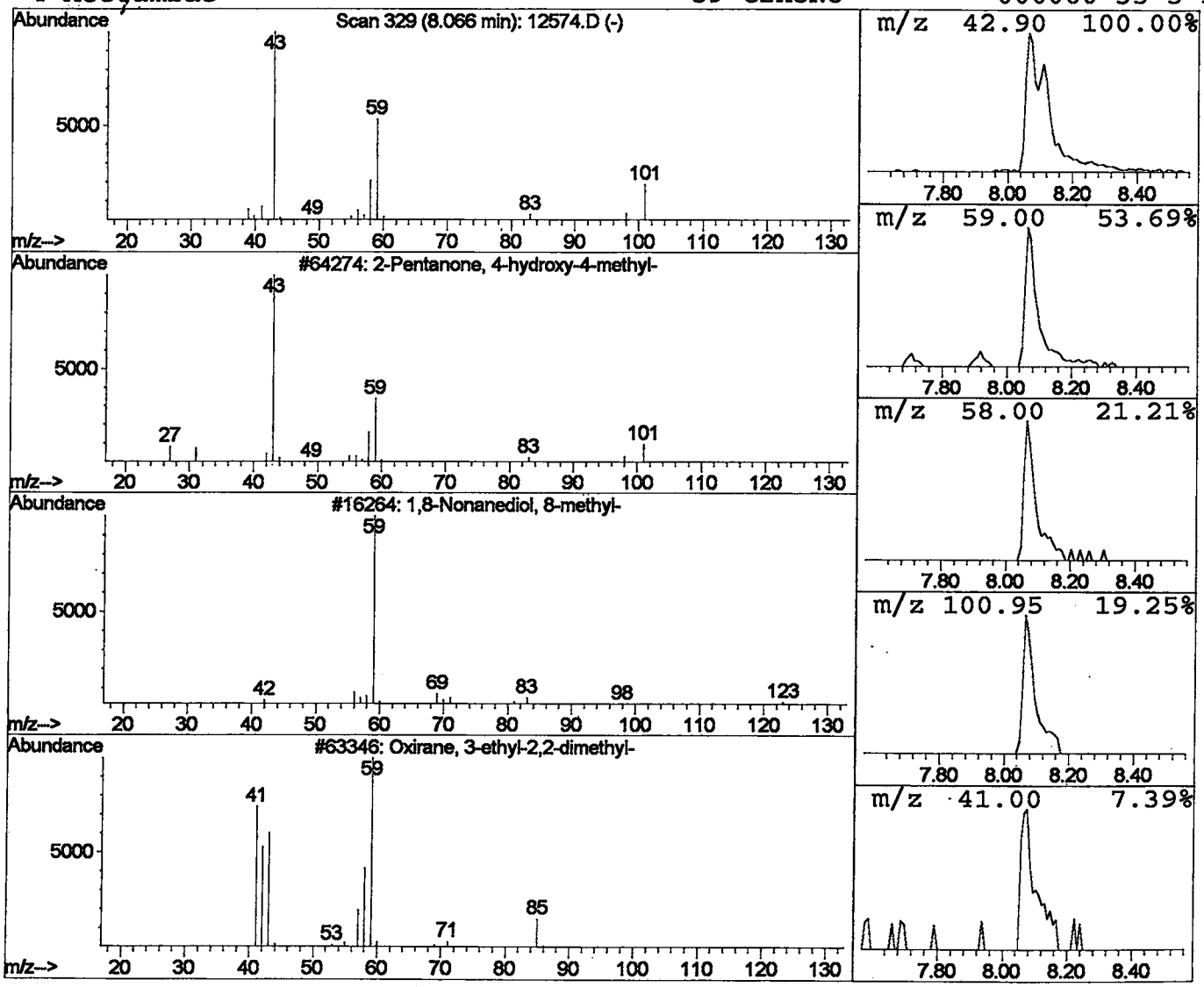
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.84 ug/l	57528	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	9
4	Acetamide	59	C2H5NO	000060-35-5	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 8:54 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12574.D
Name: gc/ms scan 5/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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	8.07	0.8	ug/l	57528	ISTD01	12.07	2723320	40.0

12574.D GCMS0531.M Tue Jun 04 11:53:26 2002