

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:12:15

Sample: AE09150
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:11 Ended: 4/26/02 14:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09150 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-26-2002 Time: 14:13:01

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\APR2302\9150.D
 Acq On : 24 Apr 2002 2:37 pm
 Sample : gc/ms scan 4/17
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 24 15:50 2002

Vial: 25
 Operator:
 Inst : 209
 Multiplr: 1.00

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	476349	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1715614	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	964140	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1403640	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	887929	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	554289	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.28	209	43266	8.95	ug/L	-0.05
Spiked Amount	10.000		Recovery	=	89.50%	
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	15.90	128	429	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	214	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 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)

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Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.60	178	453	N.D.	
35) Anthracene	25.60	178	453	N.D.	
36) Di-n-butylphthalate	27.55	149	980	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	1865	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	45204	2.03 ug/l #	96
44) Chrysene	33.65	228	1865	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.87	252	1740	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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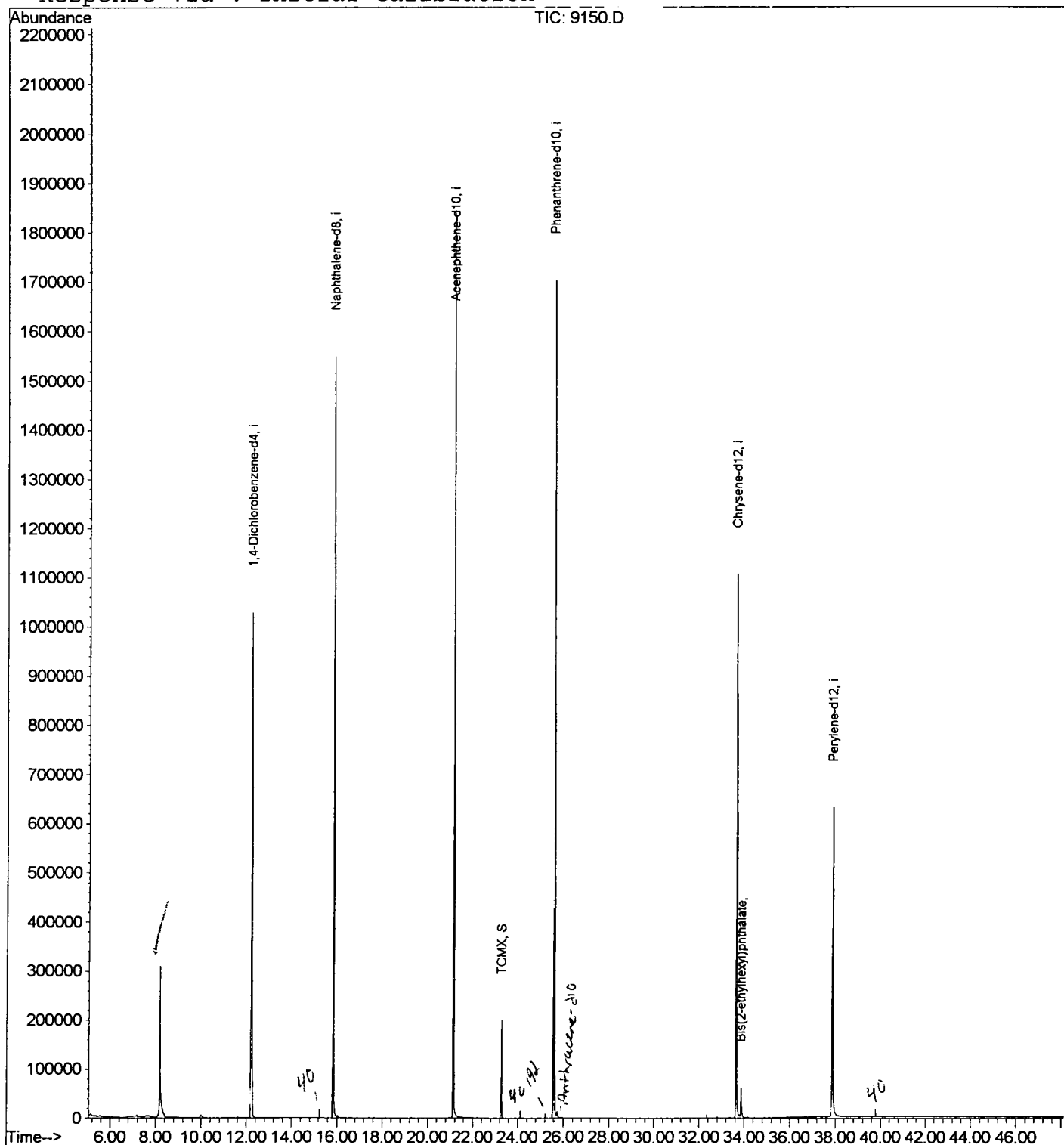
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2302\9150.D
Acq On : 24 Apr 2002 2:37 pm
Sample : gc/ms scan 4/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 24 15:50 2002

Vial: 25
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\APR2302\9150.D

Vial: 25

Acq On : 24 Apr 2002 2:37 pm

Operator:

Sample : gc/ms scan 4/17

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

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	8.183	339	342	366	rVB	306675	759737	20.64%	4.062%
2	12.213	775	781	798	rBV	1027680	2549468	69.27%	13.631%
3	15.840	1170	1176	1189	rBV	1548722	3246295	88.20%	17.357%
4	21.146	1748	1754	1766	rBV	1844579	3680608	100.00%	19.679%
5	23.285	1980	1987	1994	rVB	200443	385931	10.49%	2.063%
6	25.589	2231	2238	2249	rBV	1703081	3494101	94.93%	18.682%
7	33.640	3108	3115	3134	rBV2	1107752	2582993	70.18%	13.810%
8	33.861	3134	3139	3150	rVB	60183	144445	3.92%	0.772%
9	37.872	3568	3576	3601	rBV2	628839	1859836	50.53%	9.944%

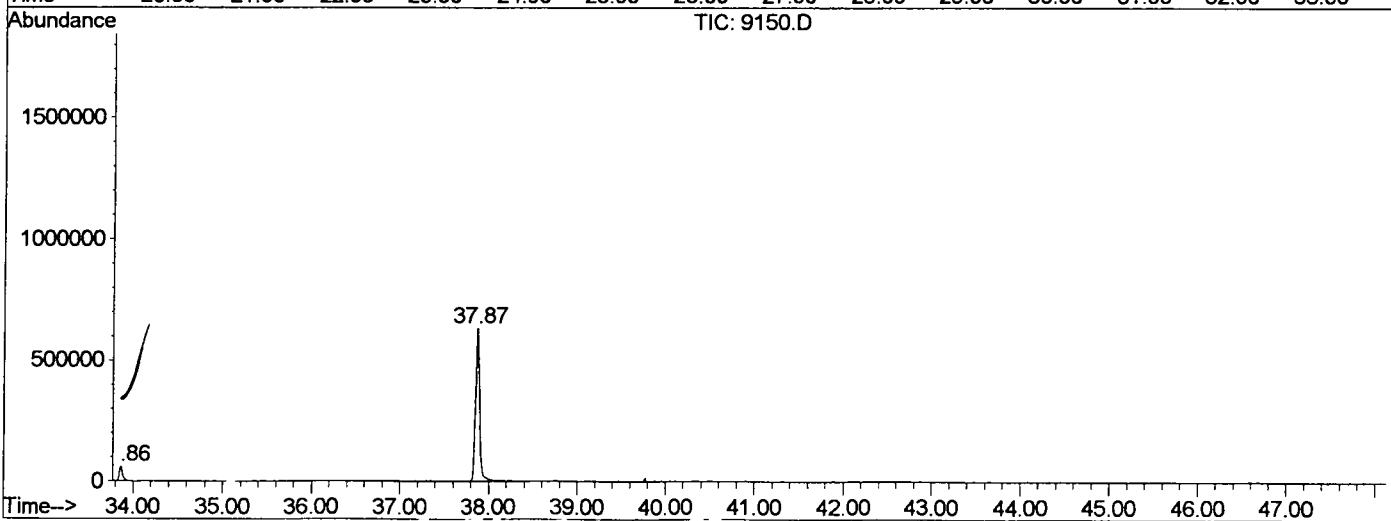
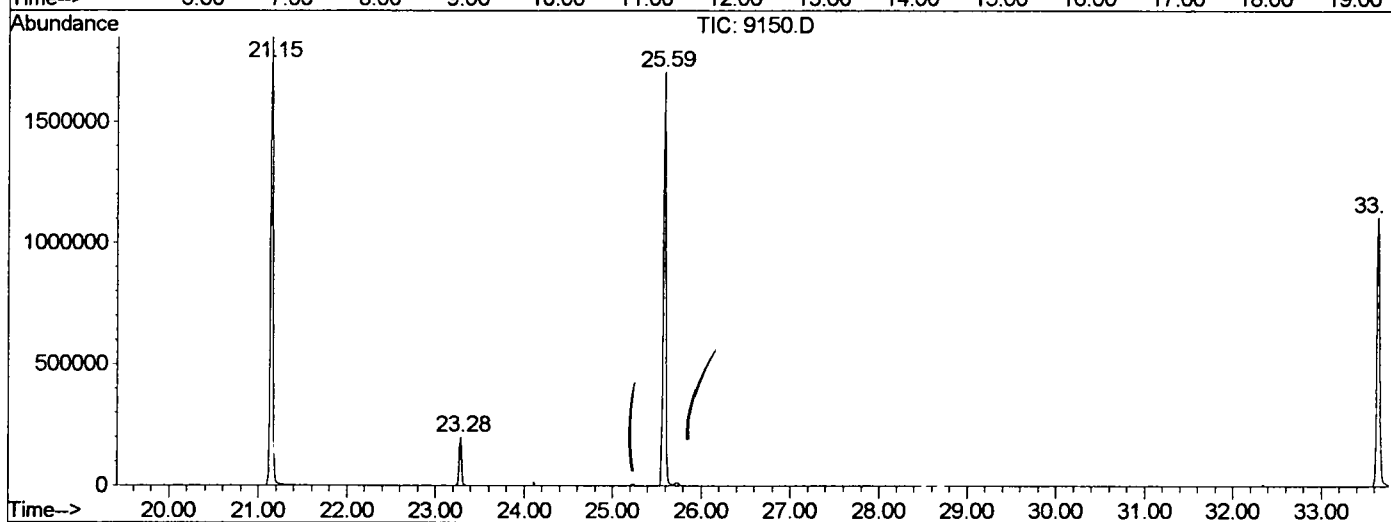
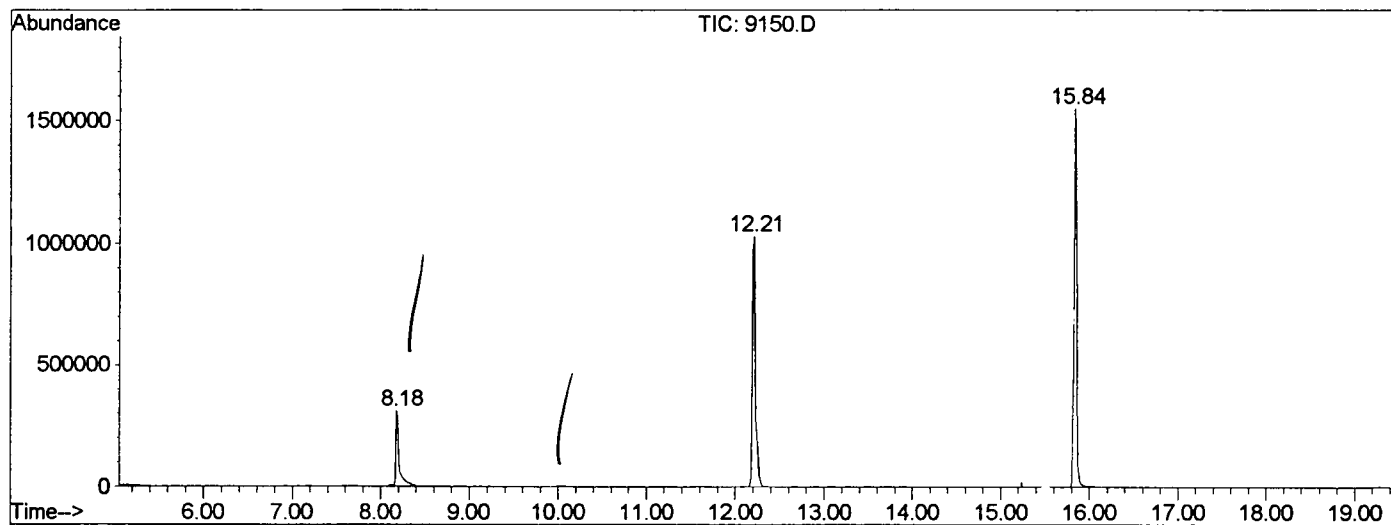
Sum of corrected areas: 18703414

9150.D GCMS0412.M

Wed Apr 24 15:51:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\9150.D
 Operator :
 Acquired : 24 Apr 2002 2:37 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/17
 Misc Info :
 Vial Number: 25
 Quant File : GCMS0412.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\9150.D
 Acq On : 24 Apr 2002 2:37 pm
 Sample : gc/ms scan 4/17
 Misc :
 MS Integration Params: LSCINT.P

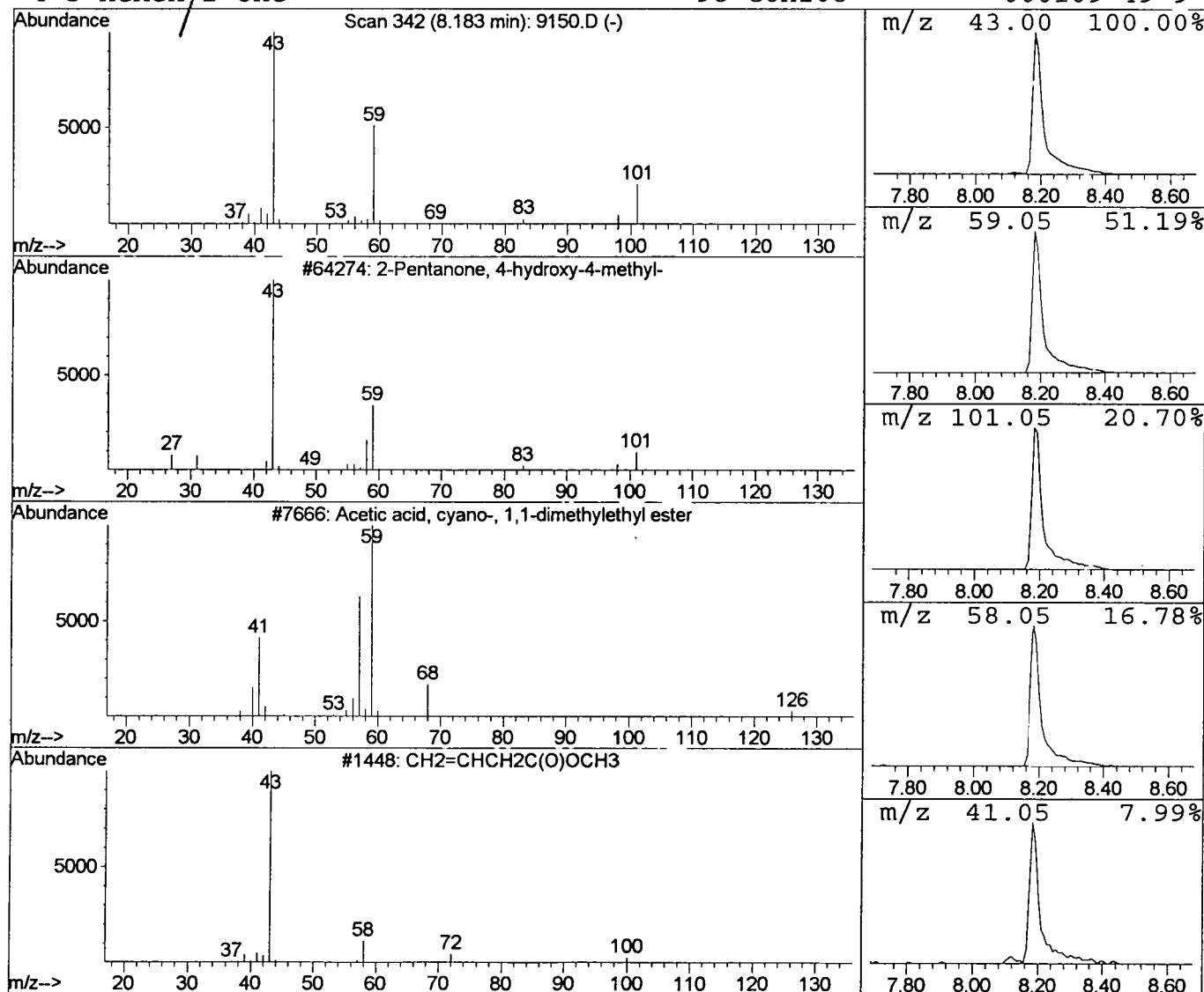
Vial: 25
 Operator:
 Inst : 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.96 ug/l	759737	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	56
2			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 2:37 pm
 Data File: C:\HPCHEM\1\DATA\APR2302\9150.D
 Name: gc/ms scan 4/17
 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
2-Pentanone, 4-hydro	8.18	6.0	ug/l	759737	ISTD01	12.21	2549470	20.0

9150.D GCMS0412.M Wed Apr 24 15:51:49 2002