

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:07:21

Sample: AE05851
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 14:07 Ended: 4/17/02 14:07 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 AE05851 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-17-2002 Time: 14:07:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D
 Acq On : 4 Apr 2002 9:45 pm
 Sample : gc/ms scan 3/12
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 9 15:42 2002

Vial: 25
 Operator:
 Inst : GC/MS 209
 Multiplr: 2.00

Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon Apr 08 11:30:53 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	359097	20.00	ug/l	-0.01
10) Naphthalene-d8	15.88	136	1308007	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.18	164	741296	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1014361	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	479742	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	266660	20.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount	4.000			Recovery	=	0.00%
38) 2,4-DDD	30.70	235	73156	7.49	ug/mL	0.20
Spiked Amount	5.000			Recovery	3.88	149.80%

7890
 Qvalue

Target Compounds

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	15.94	128	307	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	22.68	149	979	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)

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D

Vial: 25

Acq On : 4 Apr 2002 9:45 pm

Operator:

Sample : gc/ms scan 3/12

Inst : GC/MS 209

Misc :

Multiplr: 2.00

MS Integration Params: GOOFY.P

Quant Time: Apr 9 15:42 2002

Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon Apr 08 11:30:53 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0403

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.63	178	181	N.D.	
35) Anthracene	25.63	178	181	N.D.	
36) Di-n-butylphthalate	27.60	149	44337	2.13 ug/l	99
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	33.69	228	1011	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	2882	0.41 ug/l #	78
44) Chrysene	33.69	228	1011	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	37.93	252	843	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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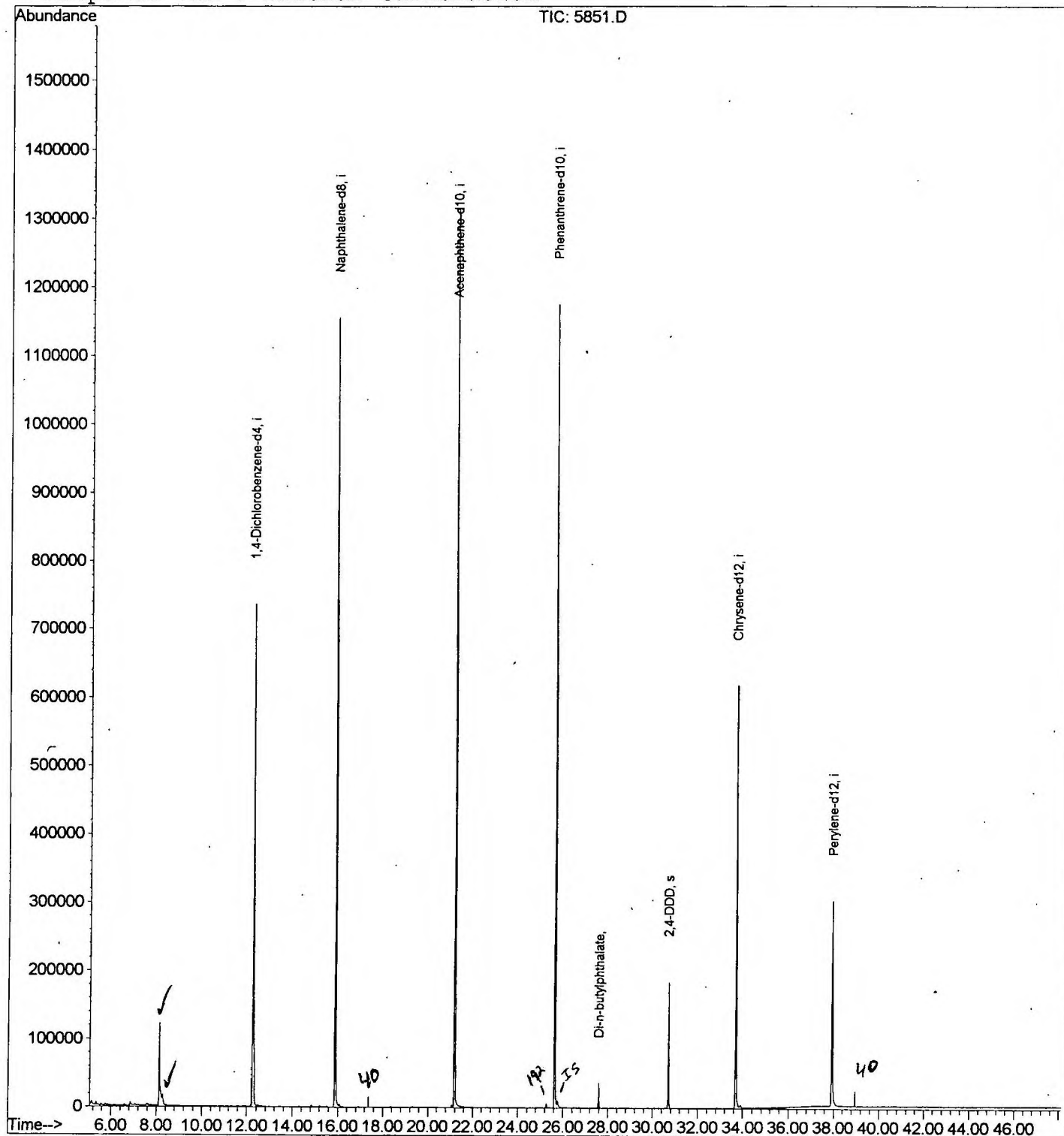
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D
Acq On : 4 Apr 2002 9:45 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:42 2002

Vial: 25
Operator:
Inst : GC/MS 209
Multiplr: 2.00

Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D
 Acq On : 4 Apr 2002 9:45 pm
 Sample : gc/ms scan 3/12
 Misc :
 MS Integration Params: LSCINT.P

Vial: 25
 Operator:
 Inst : GC/MS 209
 Multiplr: 2.00

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

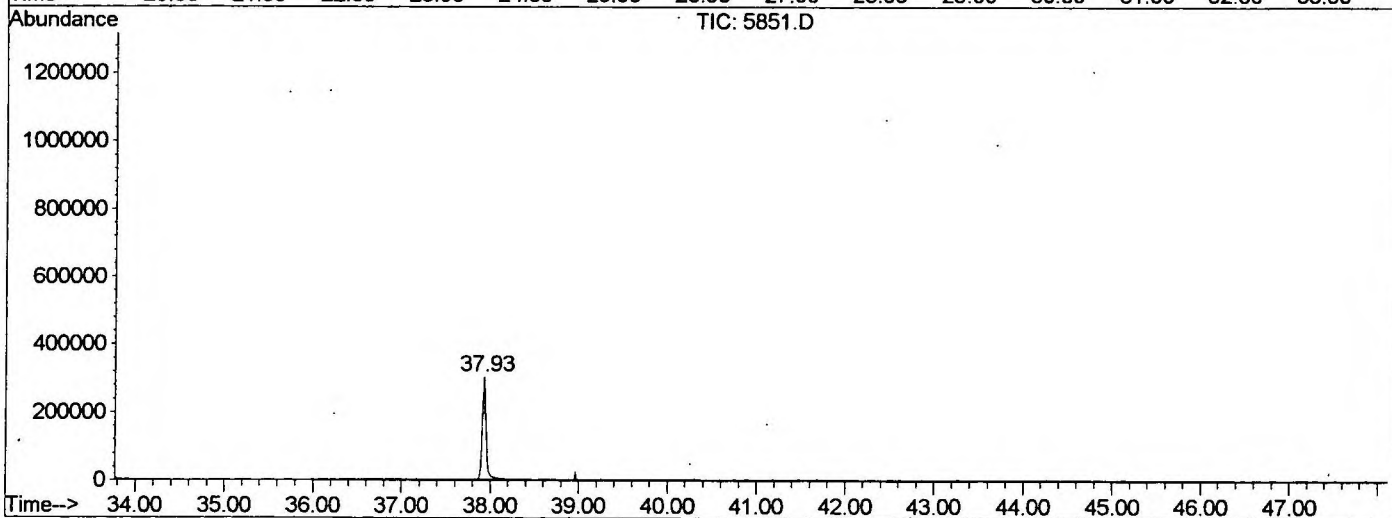
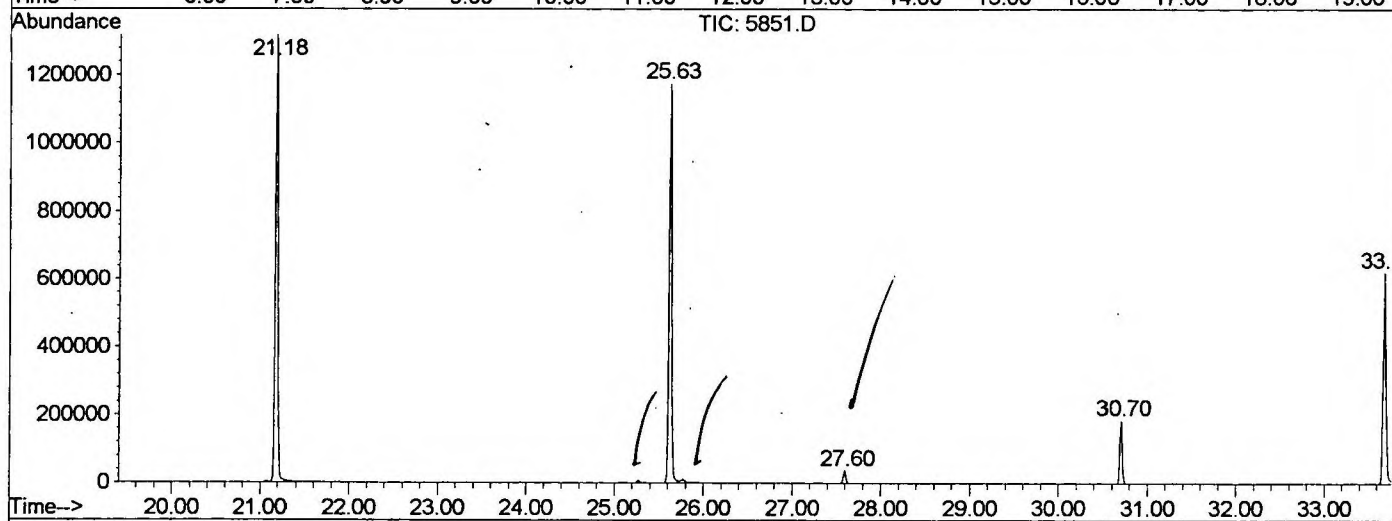
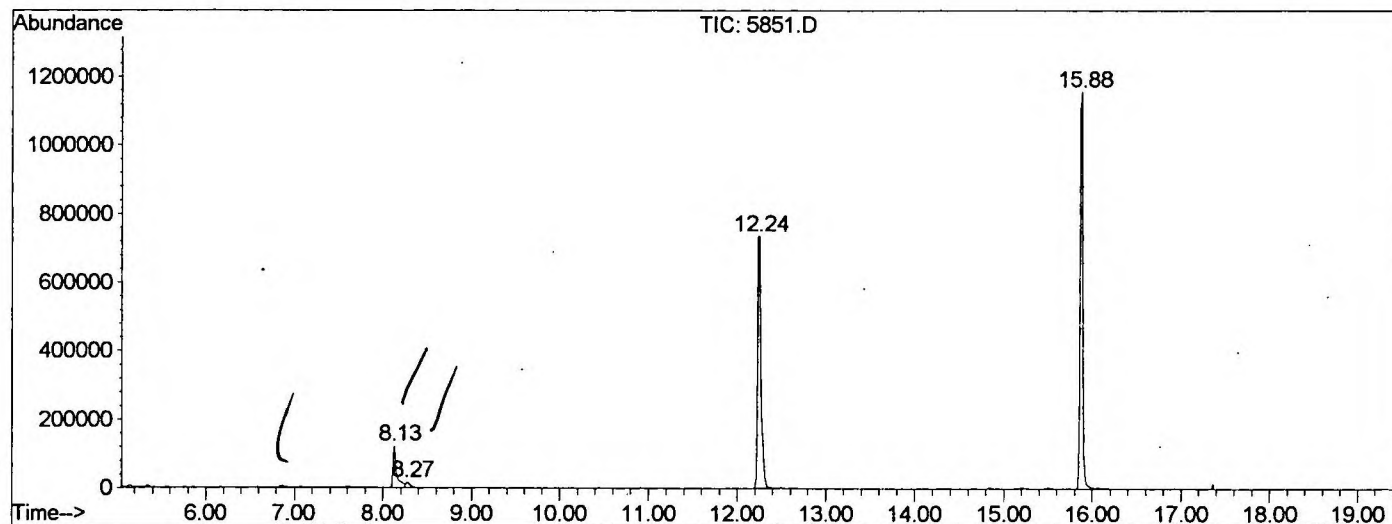
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.127	331	336	349	rBV	121738	347868	12.35%	2.704%
2	8.274	349	352	362	rVB	15849	46179	1.64%	0.359%
3	12.240	779	784	802	rVB	734981	1935134	68.72%	15.041%
4	15.885	1175	1181	1198	rBV	1155193	2465890	87.57%	19.166%
5	21.182	1752	1758	1779	rBV	1316202	2815954	100.00%	21.887%
6	25.625	2236	2242	2253	rBV2	1175495	2559310	90.89%	19.892%
7	27.599	2452	2457	2464	rVB	36907	69445	2.47%	0.540%
8	30.702	2790	2795	2801	rBV	184699	361021	12.82%	2.806%
9	33.685	3113	3120	3135	rBV2	618399	1373771	48.79%	10.677%
10	37.927	3574	3582	3602	rBV	300440	891466	31.66%	6.929%

Sum of corrected areas: 12866038

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0402\5851.D
 Operator :
 Acquired : 4 Apr 2002 9:45 pm using AcqMethod GCMS0403
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 3/12
 Misc Info :
 Vial Number: 25
 Quant File :GCMS0408.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D
 Acq On : 4 Apr 2002 9:45 pm
 Sample : gc/ms scan 3/12
 Misc :
 MS Integration Params: LSCINT.P

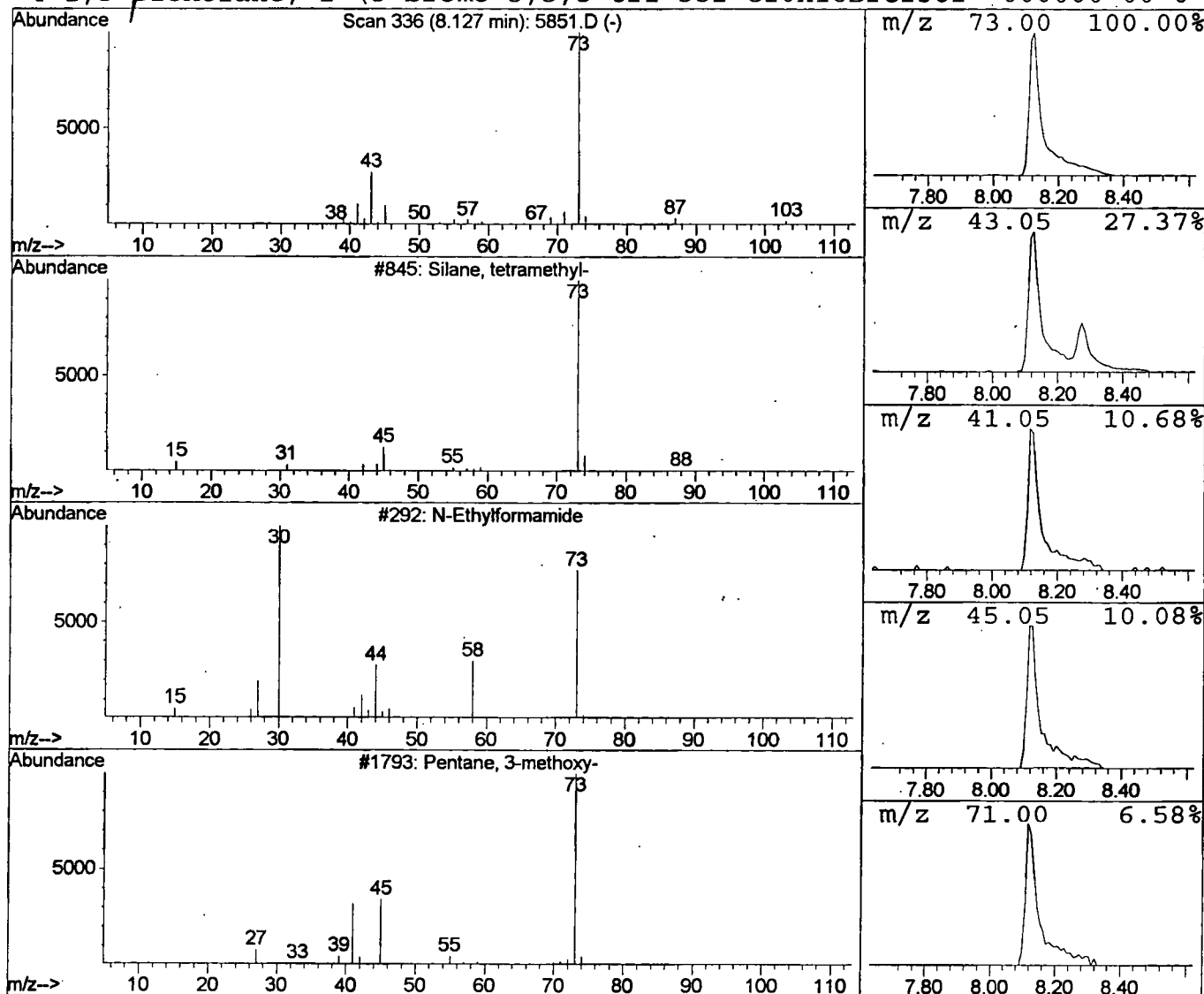
Vial: 25
 Operator:
 Inst : GC/MS 209
 Multiplr: 2.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	7.19 ug/l	347868	1,4-Dichlorobenzene-d4	12.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5851.D
Acq On : 4 Apr 2002 9:45 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

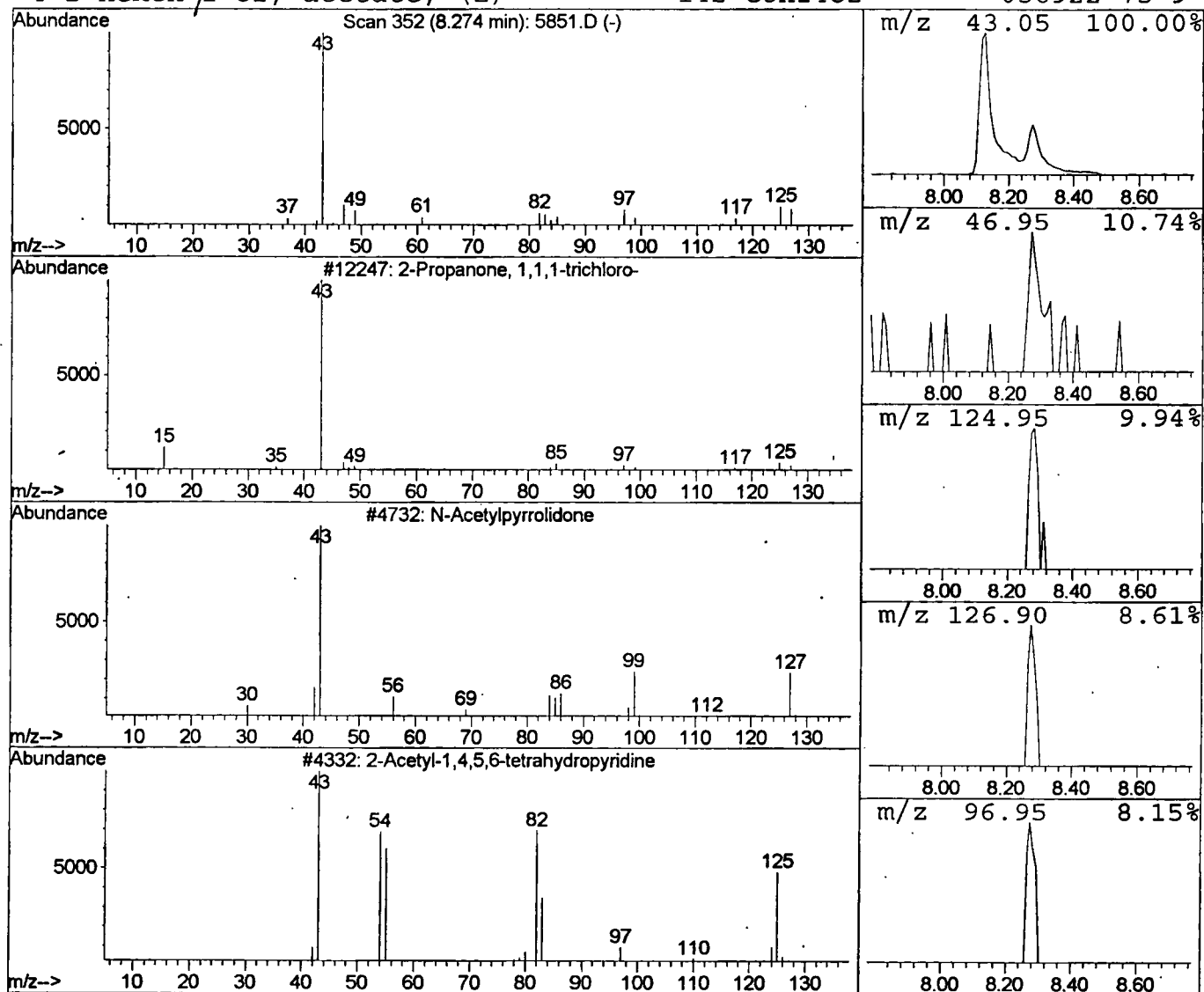
Vial: 25
Operator:
Inst : GC/MS 209
Multiplr: 2.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	0.95 ug/l	46179	1,4-Dichlorobenzene-d4	12.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
3			2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4
4			2-Hexen-1-ol, acetate, (Z)-	142	C8H14O2	056922-75-9	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 9:45 pm
Data File: C:\HPCHEM\1\DATA\APR0402\5851.D
Name: gc/ms scan 3/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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
Silane, tetramethyl-	8.13	7.2	ug/l	347868	ISTD01	12.25	1935130	20.0
2-Propanone, 1,1,1-t	8.27	1.0	ug/l	46179	ISTD01	12.25	1935130	20.0

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