User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 15:36:20

Sample: AE09451
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 15:36 Ended: 5/15/02 15:36 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE09451 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 15:37:43

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9451.D Vial: 11
Acq On : 8 May 2002 8:21 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:39 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	481039	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1770798	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	972194	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1338693	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	818243	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	506141	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	42301	8.75	ug/L	0.00
Spiked Amount 10.000			Recovery = 87.50%			
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	14.03	82	465	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	15.88	128	238	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	22.61	149	870	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	228	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 8 May 2002 8:21 pm Operator:
Sample : RE-EXT. Inst : 209
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	228	N.D.	
36)	Di-n-butylphthalate	27.54	149	11108	0.27 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.07	149	2356	N.D.	
41)	Benzo(a)anthracene	33.64	228	1707	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	57419	3.08 ug/l	99
43)	Chrysene	33.64	228	1707	N.D.	
45)	Di-n-Octylphthalate	35.60	149	1080	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	37.86	252	1926	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

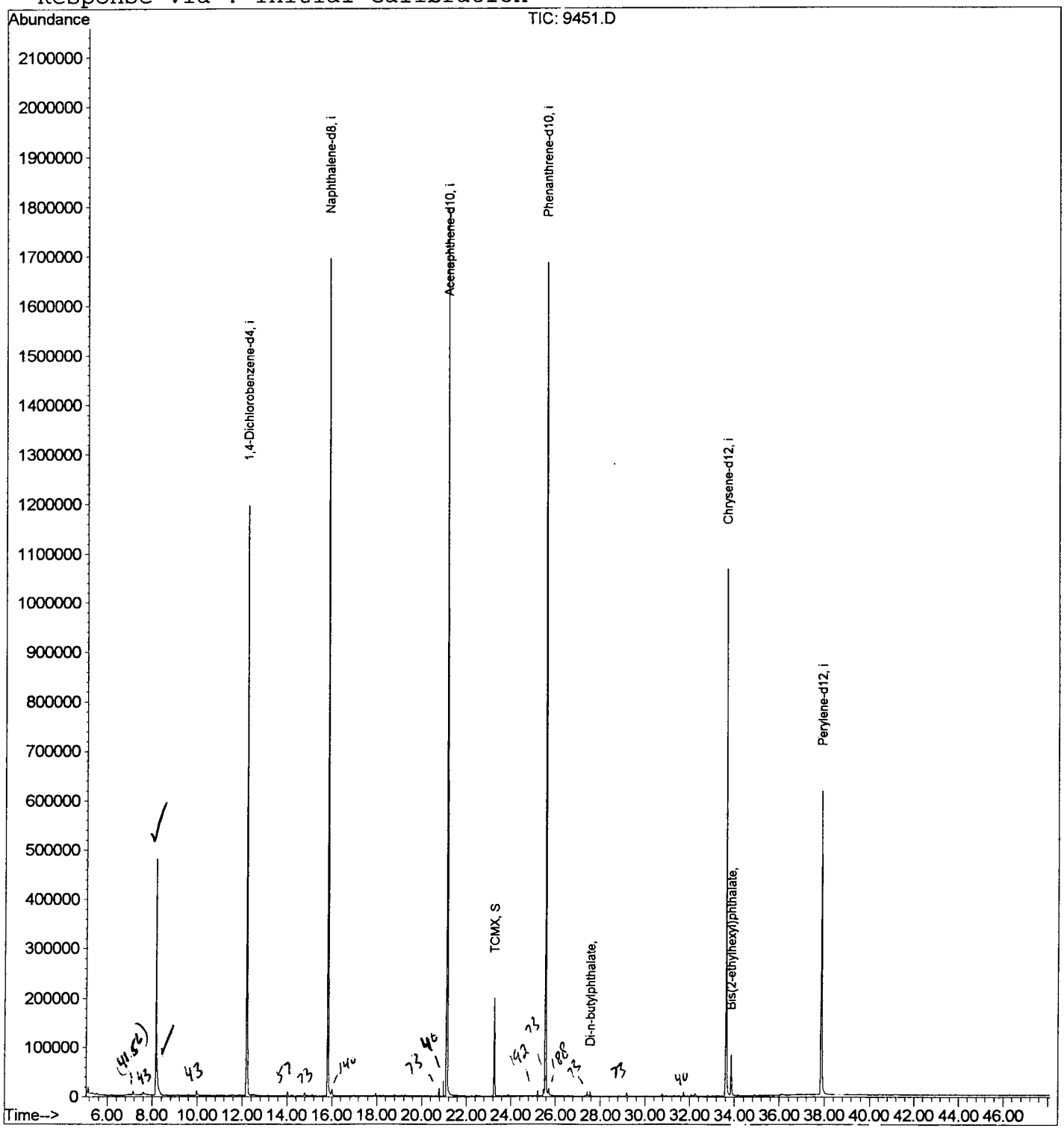
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9451.D
Acq On : 8 May 2002 8:21 pm
Sample : RE-EXT.
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 14:39 2002

Vial: 11
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9451.D Vial: 11
Acq On : 8 May 2002 8:21 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

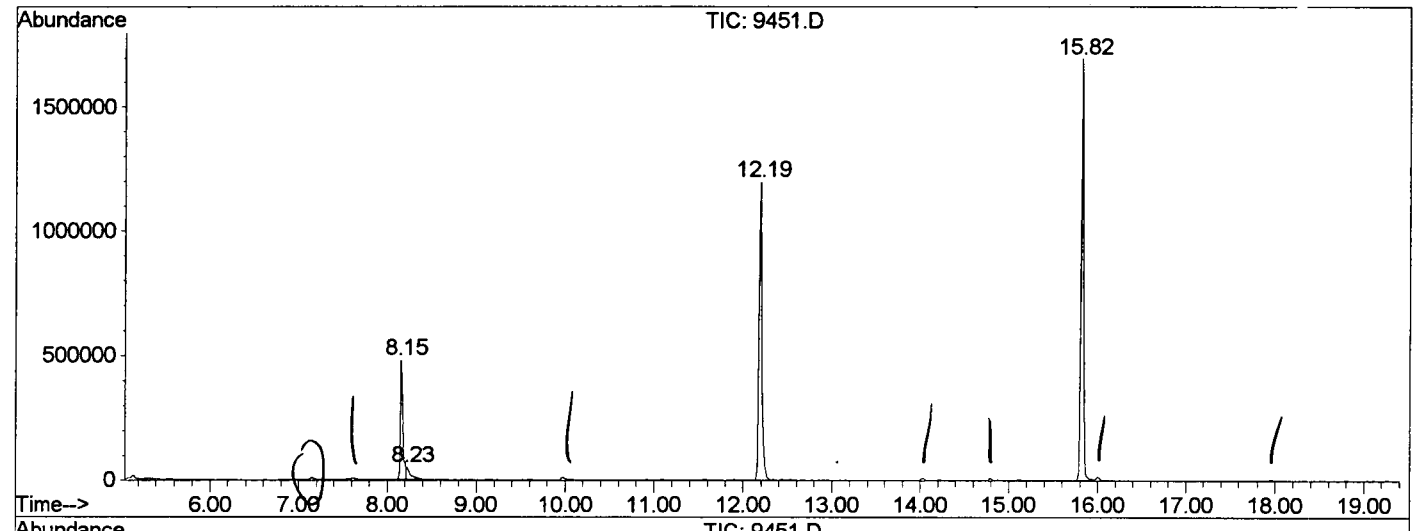
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.154	336	340	346	rBV	477754	962511	24.82%	4.894%
2	8.227	346	348	368	rVB	48581	162575	4.19%	0.827%
3	12.195	775	781	792	rBV	1194669	2736781	70.56%	13.915%
4	15.824	1171	1177	1191	rBV	1693546	3474748	89.59%	17.667%
5	21.129	1750	1756	1772	rBV	1796813	3878697	100.00%	19.720%
6	23.274	1981	1990	1998	rBV2	199216	438527	11.31%	2.230%
7	25.574	2235	2241	2251	rVV2	1685934	3573338	92.13%	18.168%
8	33.638	3114	3121	3139	rBV	1066630	2457537	63.36%	12.495%
9	33.858	3139	3145	3156	rVB	81956	201319	5.19%	1.024%
10	37.862	3572	3582	3601	rBV2	614014	1782421	45.95%	9.062%

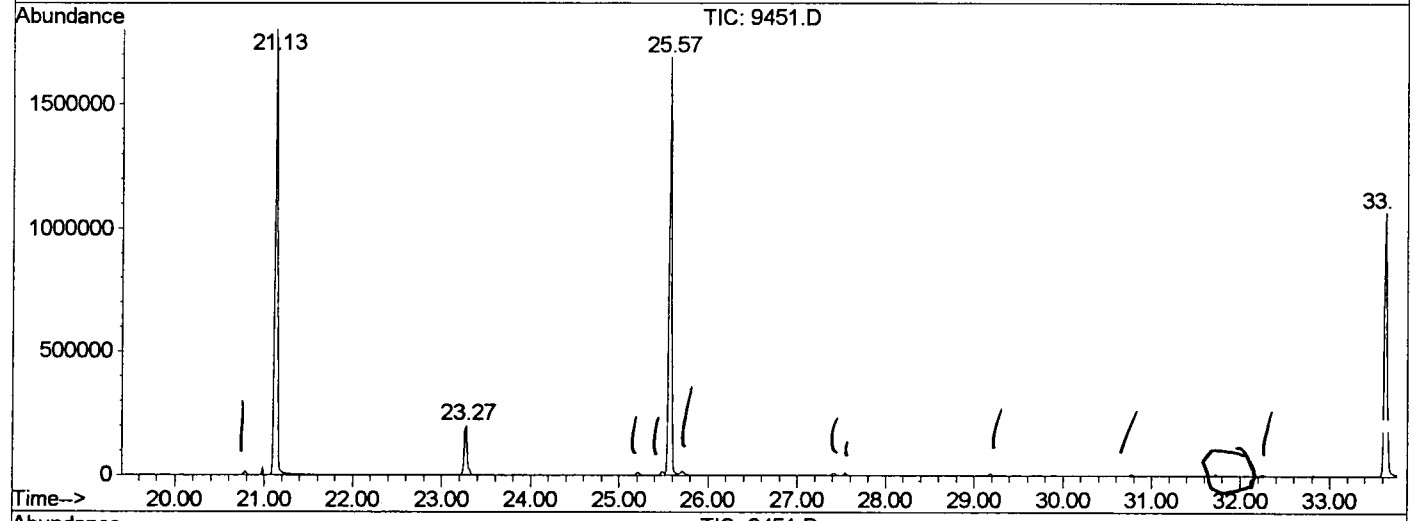
Sum of corrected areas: 19668454

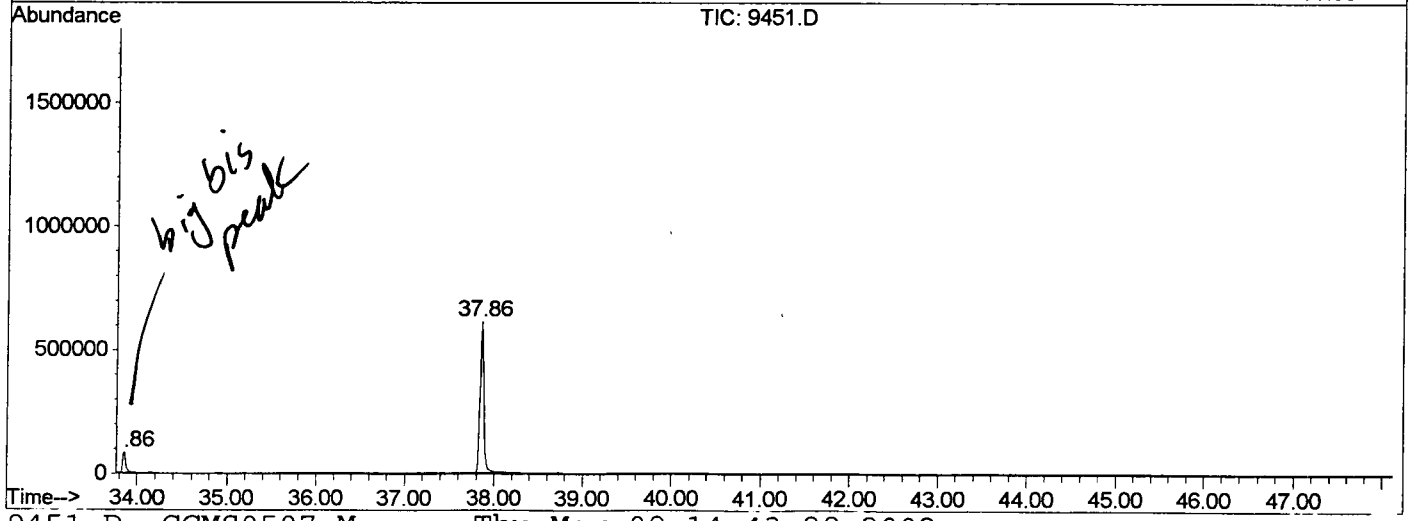
9451.D GCMS0507.M Thu May 09 14:43:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9451.D
Operator :
Acquired : 8 May 2002 8:21 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 11
Quant File :GCMS0507.RES (RTE Integrator)







9451.D GCMS0507.M Thu May 09 14:43:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9451.D Vial: 11
Acq On : 8 May 2002 8:21 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

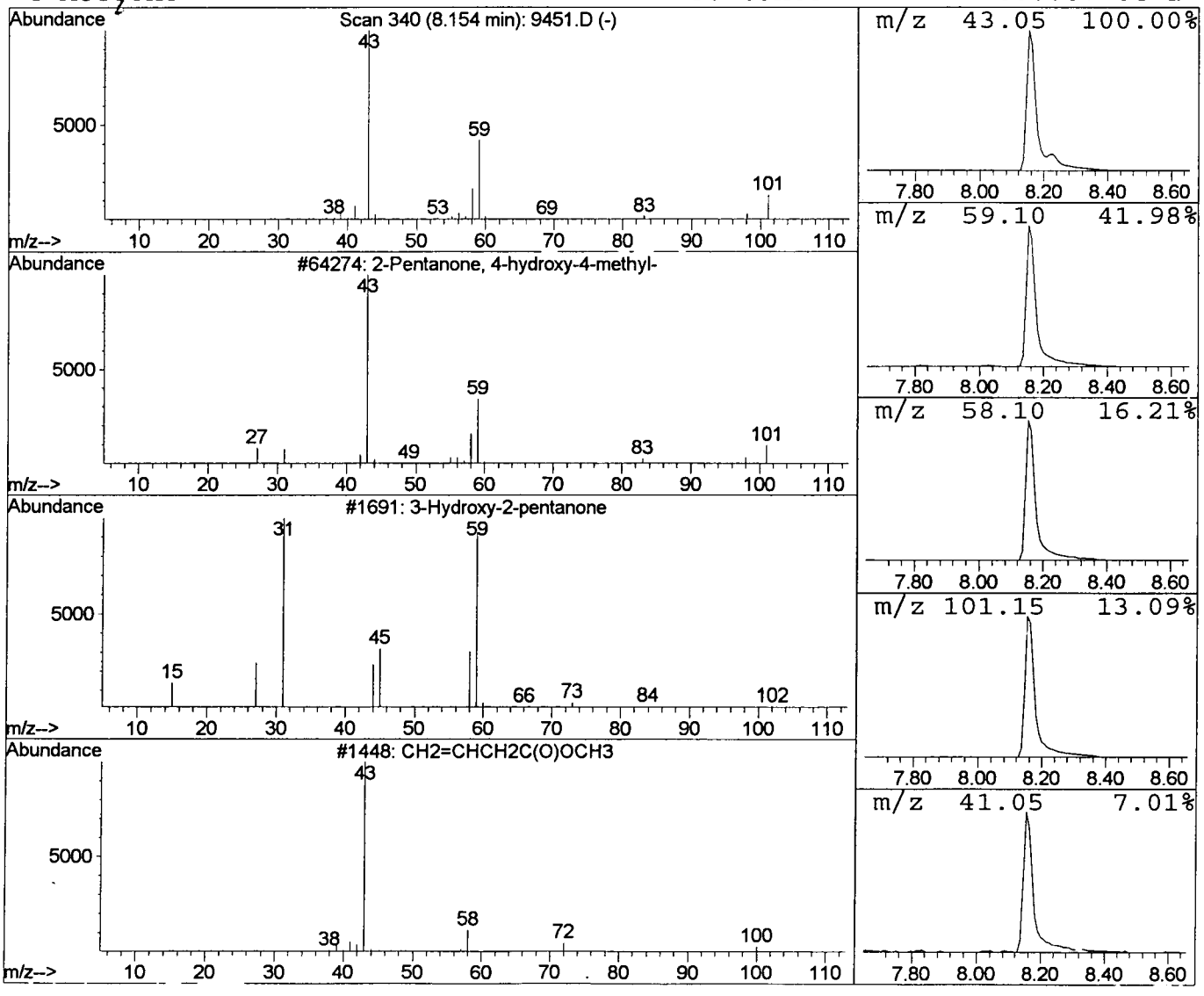
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	14.07 ug/l	962511	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9451.D Vial: 11
Acq On : 8 May 2002 8:21 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

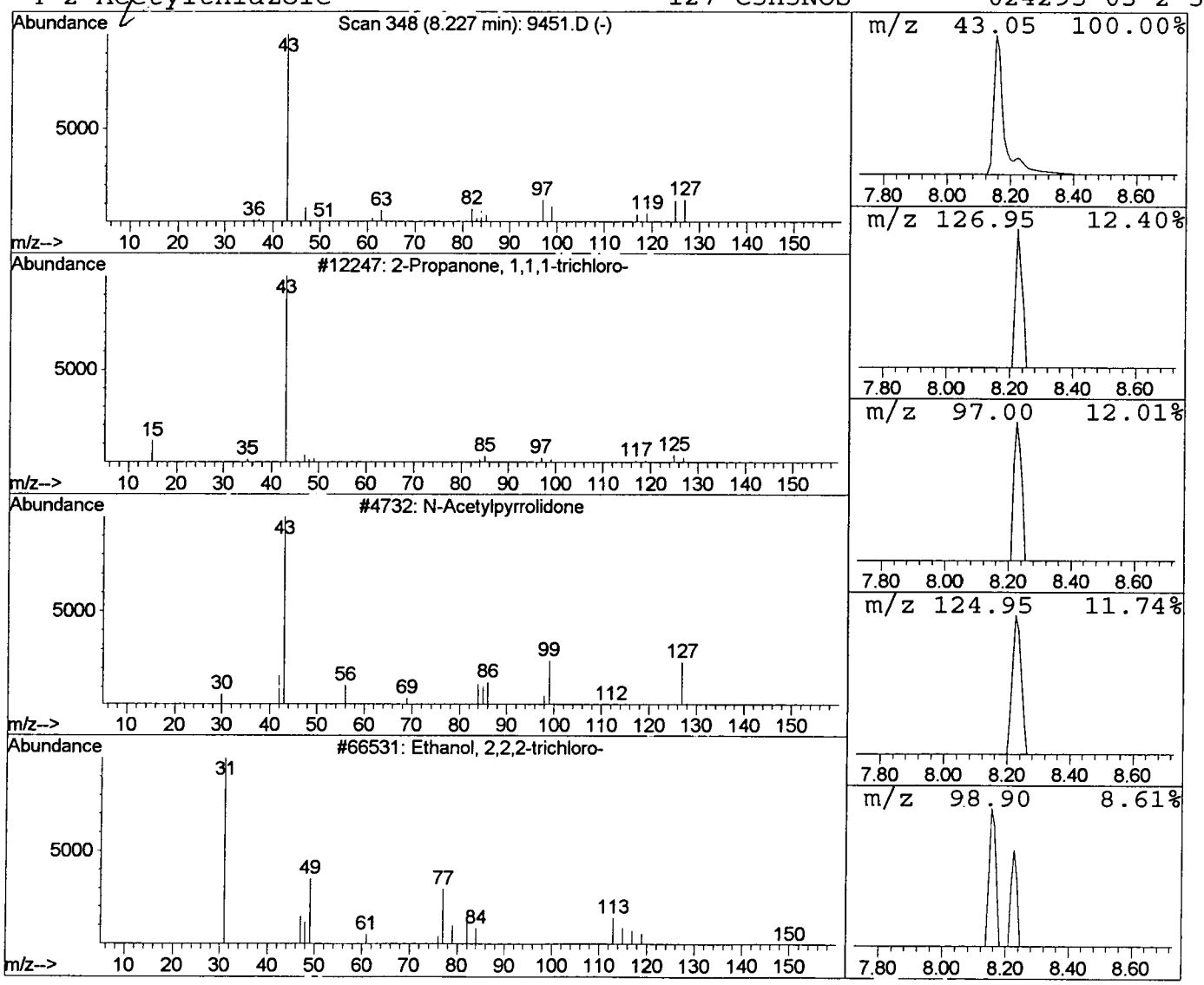
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.38 ug/l	162575	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	28
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 8:21 pm
Data File: C:\HPCHEM\1\DATA\MAY0802\9451.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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	8.15	14.1	ug/l	962511	ISTD01	12.20	2736780	40.0
2-Propanone, 1,1,1-t	8.23	2.4	ug/l	162575	ISTD01	12.20	2736780	40.0

9451.D GCMS0507.M Thu May 09 14:43:31 2002