User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:13:47

Sample: AD26320
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 14:07 Ended: 12/4/01 14:07 Analyst: MG
Result source: manual entry
Page: 1

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

Comments for Sample AD26320 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:14:25

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for bis(2-ethylhexyl)decanedioic acid at an estimated level of 2.3 ug/l. The Field Blank will be analyzed. Re-analysis reveals no presence of unusual compounds. No Field Blank was available for re-analysis.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D Vial: 25
Acq On : 16 Dec 2001 1:54 am Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 16 2:43 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

2nd extraction

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	849952	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3266156	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1656717	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2363976	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1485701	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	922581	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	143057	4.18	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 83.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.20	74	175	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	15.33	128	1218	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	21.11	165	384	N.D.		
25) Diethylphthalate	22.09	149	1081	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D Vial: 25
Acq On : 16 Dec 2001 1:54 am Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

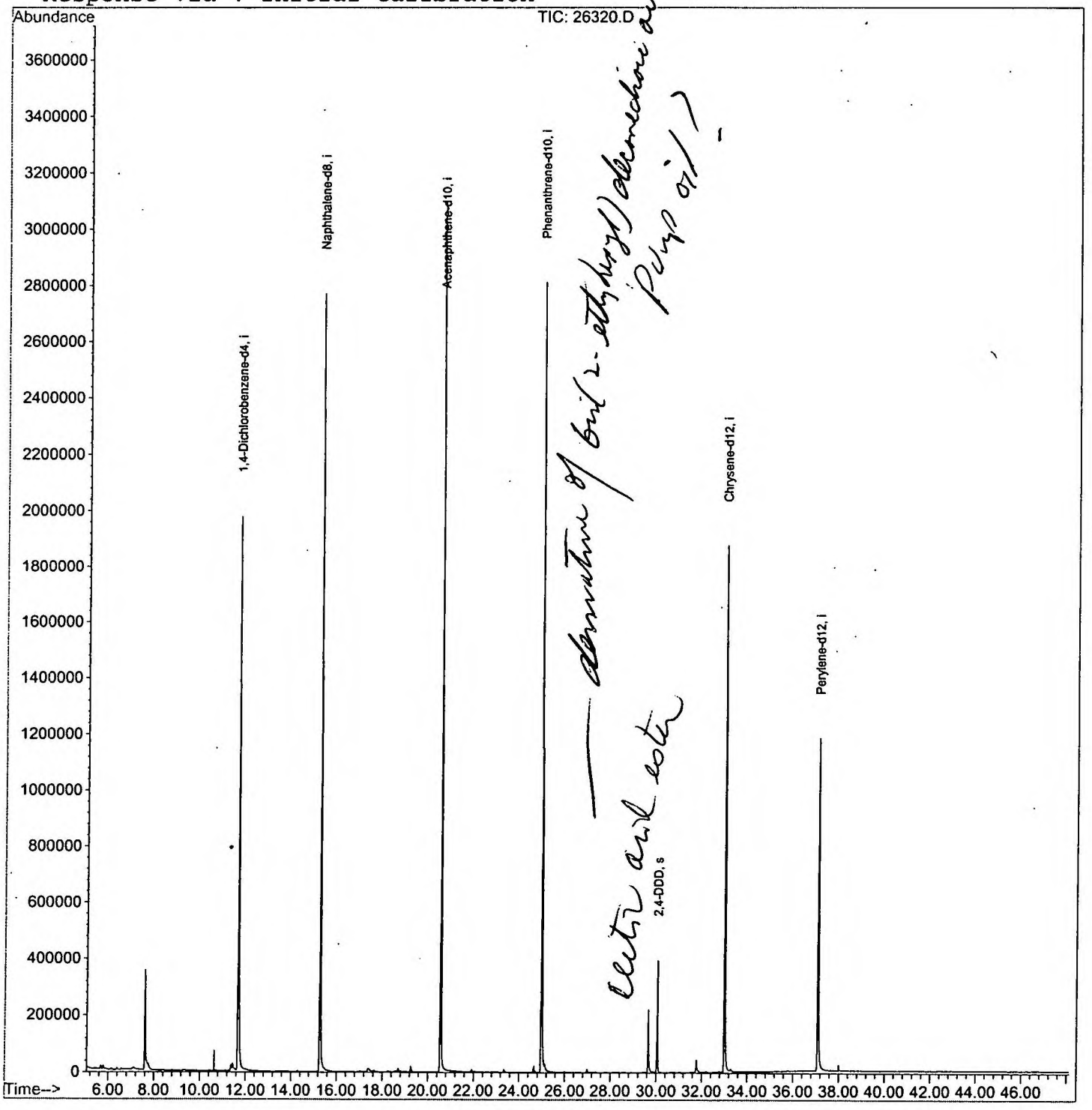
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	602	N.D.	
34)	Anthracene	25.05	178	602	N.D.	
35)	Di-n-butylphthalate	26.99	149	18649	N.D.	
36)	Fluoranthene	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	33.01	228	3498	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	7241	N.D.	
43)	Chrysene	33.01	228	3498	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	37.10	252	3387	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\DEC1401\26320.D Vial: 25
Acq On : 16 Dec 2001 1:54 am Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 16 2:43 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D Vial: 25
Acq On : 16 Dec 2001 1:54 am Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

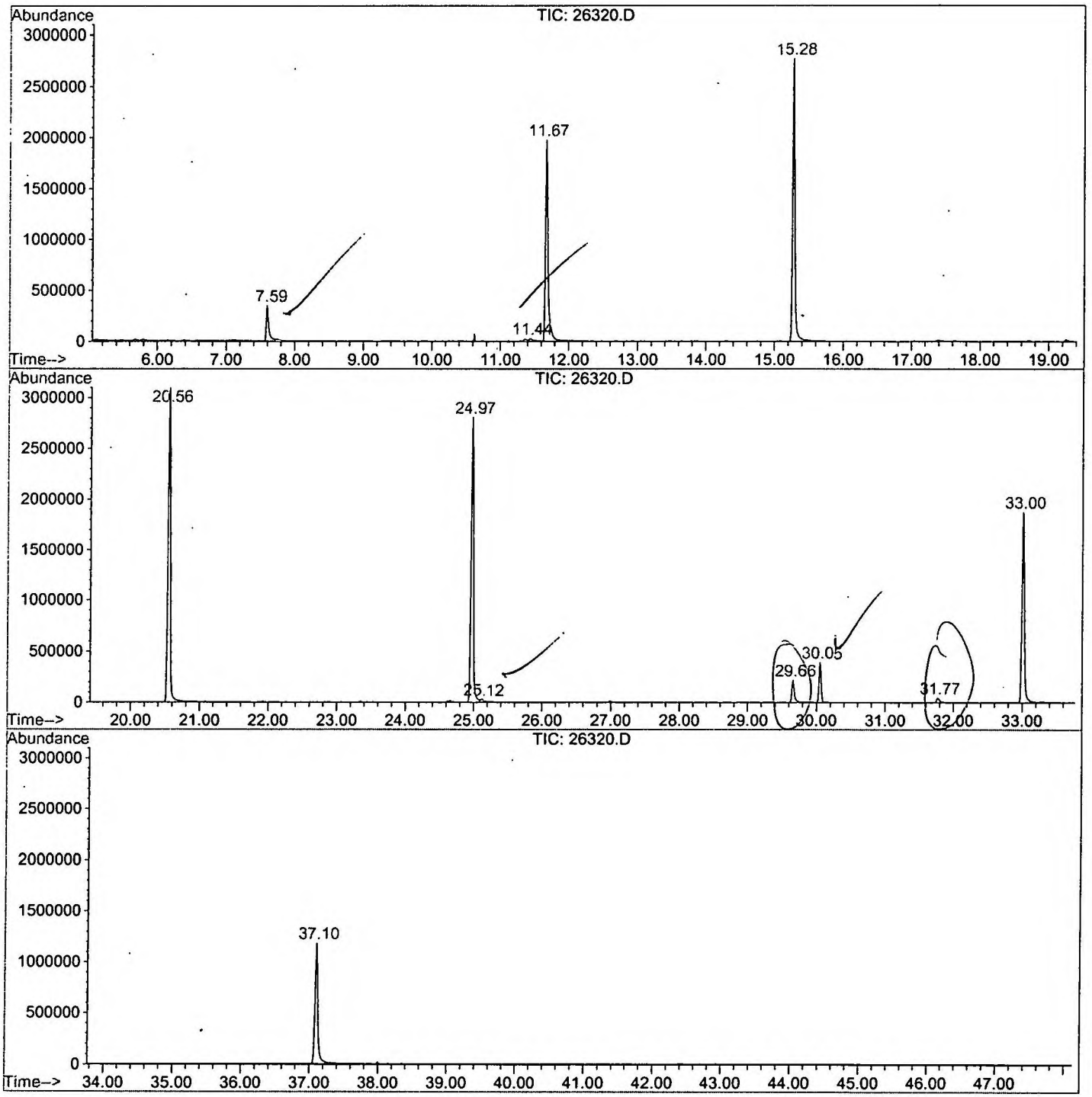
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	291	rBV	351923	893507	12.87%	2.540%
2	11.440	693	697	717	rVB	25789	105866	1.52%	0.301%
3	11.669	717	722	747	rBV	1972849	4921926	70.90%	13.990%
4	15.277	1109	1115	1133	rBV	2769996	6288501	90.58%	17.875%
5	20.556	1683	1690	1715	rBV	3097087	6942444	100.00%	19.733%
6	24.972	2165	2171	2184	rBV2	2808165	6380696	91.91%	18.137%
7	25.118	2184	2187	2198	rVB2	25678	87853	1.27%	0.250%
8	29.663	2676	2682	2697	rBV	220440	536768	7.73%	1.526%
9	30.048	2719	2724	2734	rBV	393239	824264	11.87%	2.343%
10	31.774	2907	2912	2923	rBV2	43934	134558	1.94%	0.382%
11	33.004	3040	3046	3068	rBV2	1872474	4687524	67.52%	13.324%
12	37.099	3483	3492	3511	rBV	1179145	3377300	48.65%	9.600%

Sum of corrected areas: 35181207

26320.D GCMS1126.M Fri Dec 28 13:05:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\26320.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 1:54 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10 a
Misc Info :
Vial Number: 25
Quant File :GCMS1126.RES (RTE Integrator)



26320.D GCMS1126.M Fri Dec 28 13:05:34 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D
Acq On : 16 Dec 2001 1:54 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

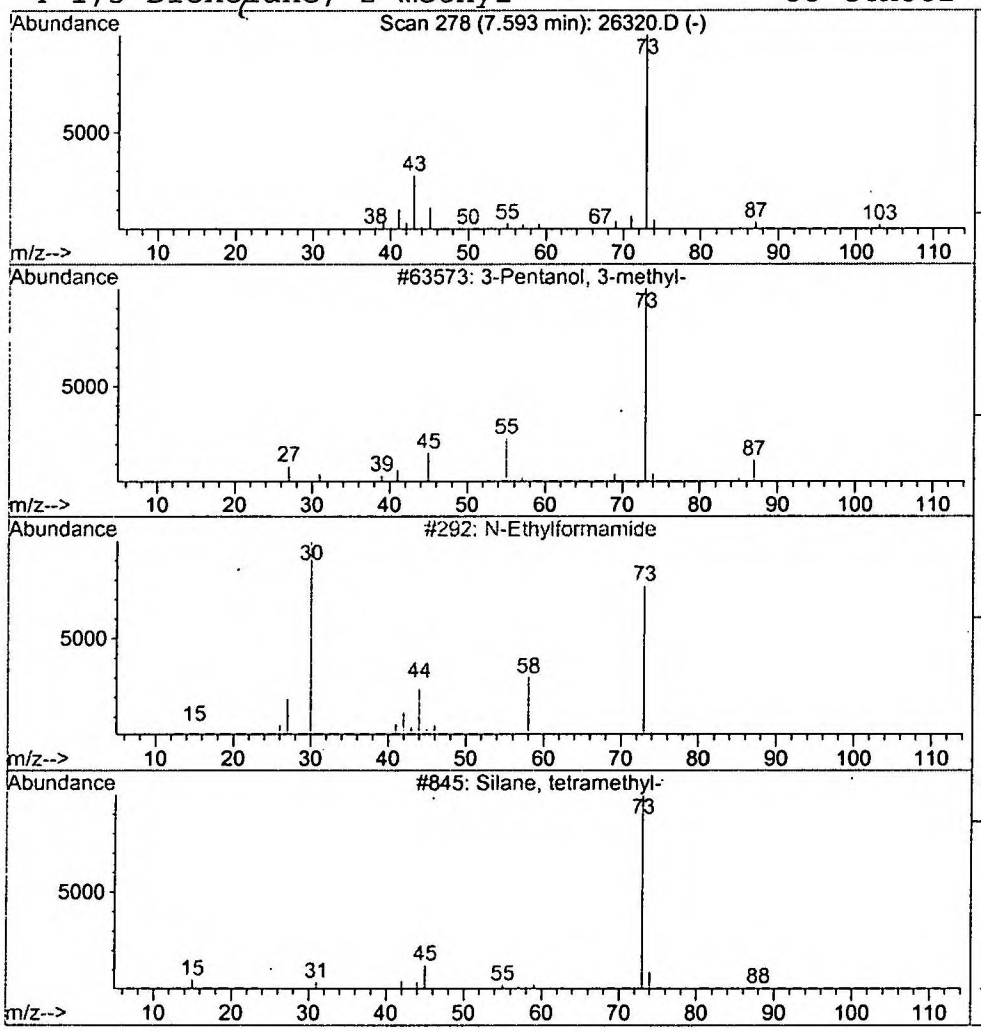
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

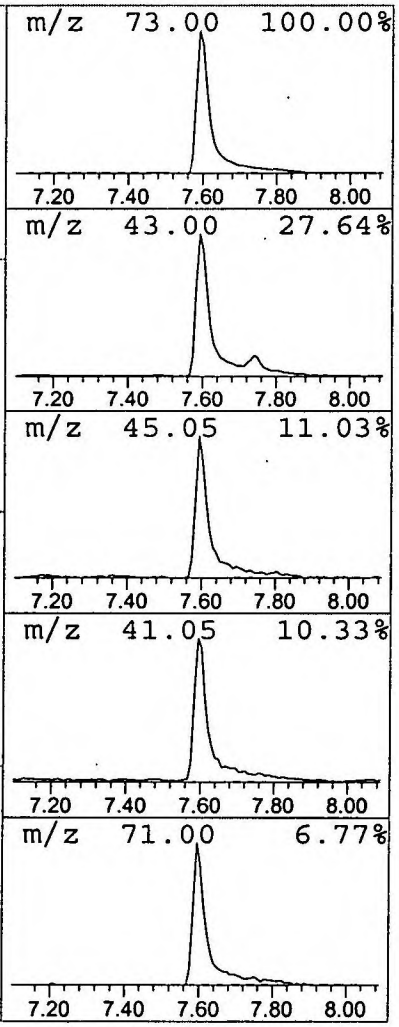
****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.63 ug/l	893507	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D
Acq On : 16 Dec 2001 1:54 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

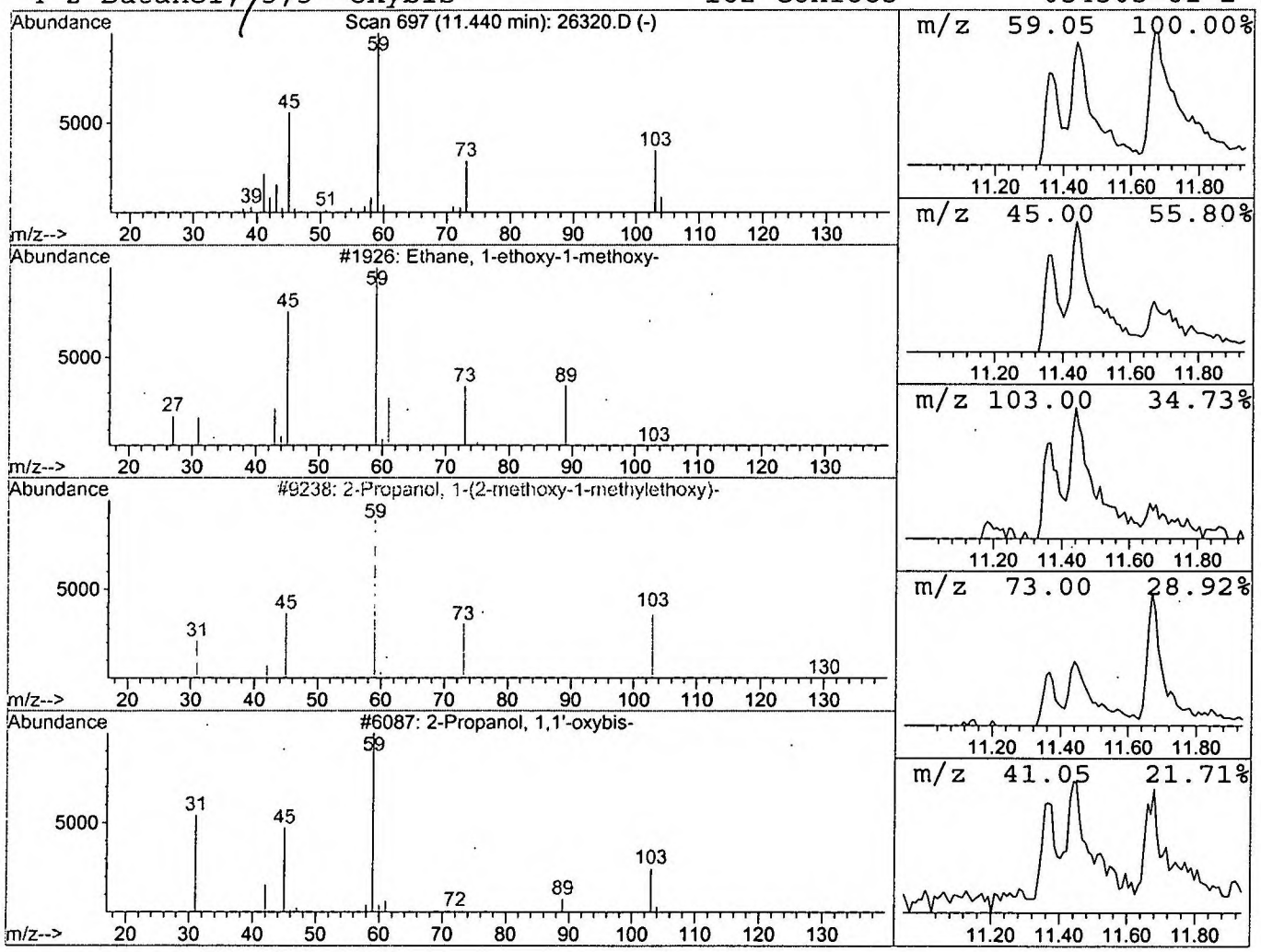
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.43 ug/l	105866	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	64
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D
Acq On : 16 Dec 2001 1:54 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

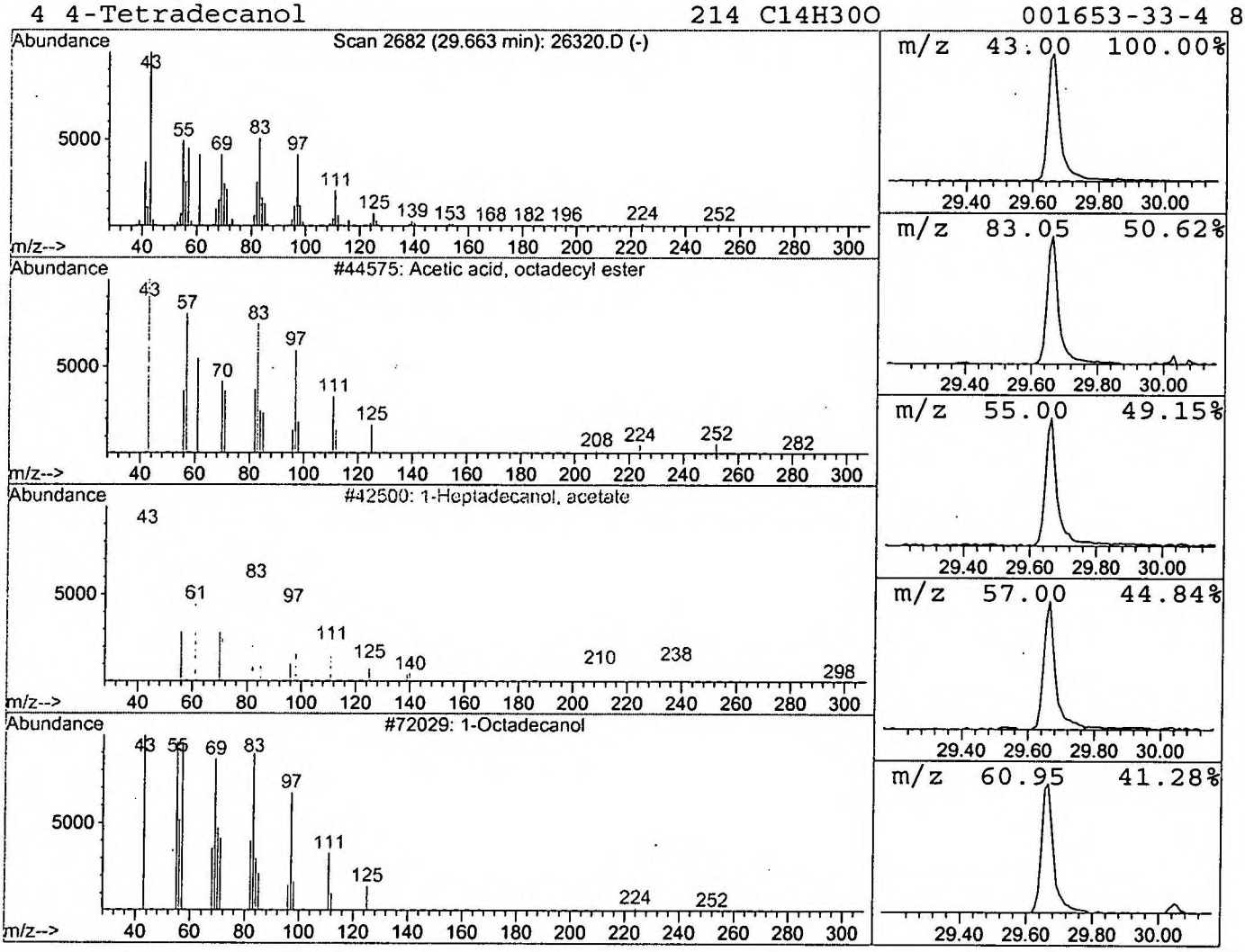
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Acetic acid, octadecyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.66	2.29 ug/l	536768	Chrysene-d12	33.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	90
2	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	90
3	1-Octadecanol	270	C18H38O	000112-92-5	81
4	4-Tetradecanol	214	C14H30O	001653-33-4	81



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26320.D
Acq On : 16 Dec 2001 1:54 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

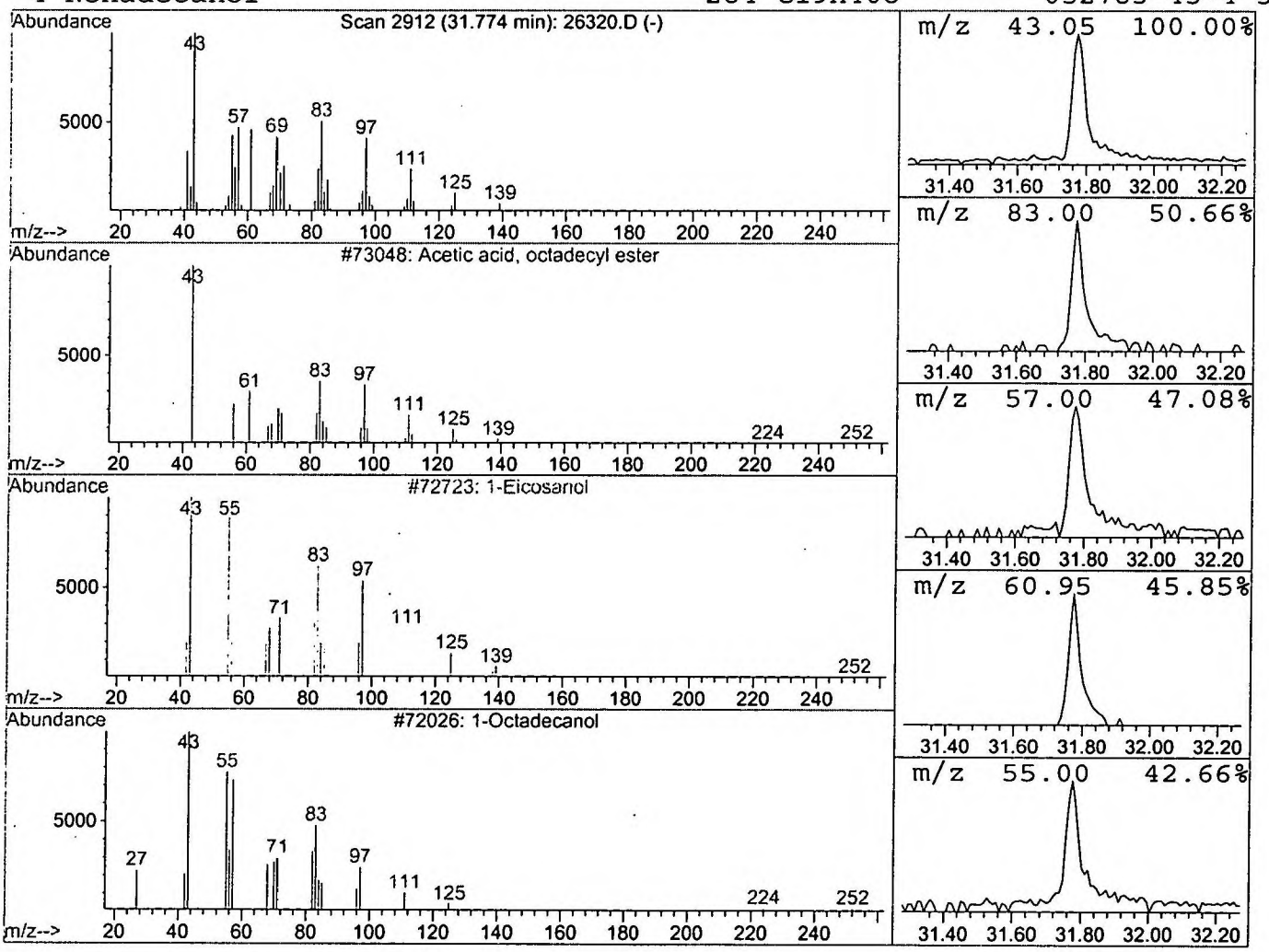
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Acetic acid, octadecyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.77	0.57 ug/l	134558	Chrysene-d12	33.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	49
2	1-Eicosanol	298	C20H42O	000629-96-9	46
3	1-Octadecanol	270	C18H38O	000112-92-5	38
4	Nonadecanol	284	C19H40O	052783-43-4	35



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 1:54 am
Data File: C:\HPCHEM\1\DATA\DEC1401\26320.D
Name: gcms scan 12/10 a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
3-Pentanol, 3-methyl	7.59	3.6	ug/l	893507	ISTD01	11.67	4921930	20.0
Ethane, 1-ethoxy-1-m	11.44	0.4	ug/l	105866	ISTD01	11.67	4921930	20.0
Acetic acid, octadec	29.66	2.3	ug/l	536768	ISTD05	33.00	4687520	20.0
Acetic acid, octadec	31.77	0.6	ug/l	134558	ISTD05	33.00	4687520	20.0

26320.D GCMS1126.M Fri Dec 28 13:05:57 2001