User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 13:15:16

Sample: AD30470
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 12/31/20 00:01 Ended: 12/31/20 00:01 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	Hexachlorocyclopentadiene		< MDL		2.0
16	2-Chloronaphthalene		< MDL		2.0
17	Dimethylphthalate		< MDL		2.0
18	2,6-Dinitrotoluene		< MDL		2.0
19	Acenaphthylene		< MDL		2.0
20	Acenaphthene		< MDL		2.0
21	2,4-Dinitrotoluene		< MDL		2.0
22	Diethylphthalate		< MDL		2.0
23	4-Chlorophenylphenylether		< MDL		2.0
24	Fluorene		< MDL		2.0
25	Azobenzene/1,2-Diphenylhydraz		< MDL		2.0
26	n-Nitrosodiphenylamine		< MDL		2.0
27	4-Bromophenylphenylether		< MDL		2.0
28	Hexachlorobenzene		< MDL		2.0
29	Phenanthrene		< MDL		2.0
30	Anthracene		< MDL		2.0
31	Di-n-butylphthalate		< MDL		2.0
32	Fluoranthene		< MDL		2.0
33	Pyrene		< MDL		2.0
34	Butylbenzylphthalate		< MDL		2.0
35	Benzo(a)anthracene		< MDL		2.0
36	bis(2-Ethylhexyl)phthalate		< MDL		2.0
37	Chrysene		< MDL		2.0
38	Di-n-octylphthalate		< MDL		2.0
39	Benzo(b)fluoranthene		< MDL		2.0
40	Benzo(k)fluoranthene		< MDL		2.0
41	Benzo(a)pyrene		< MDL		2.0
42	Indeno(1,2,3-cd)pyrene		< MDL		2.0
43	Dibenz(a,h)anthracene		< MDL		2.0
44	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D Vial: 5
Acq On : 31 Dec 2001 2:51 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:12 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	650279	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2544272	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1301526	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	1808492m	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1107618	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	601871	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	109438	5.50	ug/mL	0.00
Spiked Amount 5.000			Recovery = 110.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	284	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	13.50	82	245	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	0.00	128	0	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	21.24	165	114	N.D.		
25) Diethylphthalate	0.00	149	0	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\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:12 2002

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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 28 15:11:00 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	179	N.D.	
34)	Anthracene	25.08	178	117	N.D.	
35)	Di-n-butylphthalate	27.04	149	3678	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.52	149	1628	N.D.	
41)	Benzo(a)anthracene	33.02	228	4243	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	19034	0.28 ug/l	92
43)	Chrysene	33.11	228	1908	N.D.	
45)	Di-n-Octylphthalate	35.05	149	2062	N.D.	
46)	Benzo(b)fluoranthene	36.13	252	1465	N.D.	
47)	Benzo(k)fluoranthene	36.13	252	1465	N.D.	
48)	Benzo(a)pyrene	37.12	252	2685	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

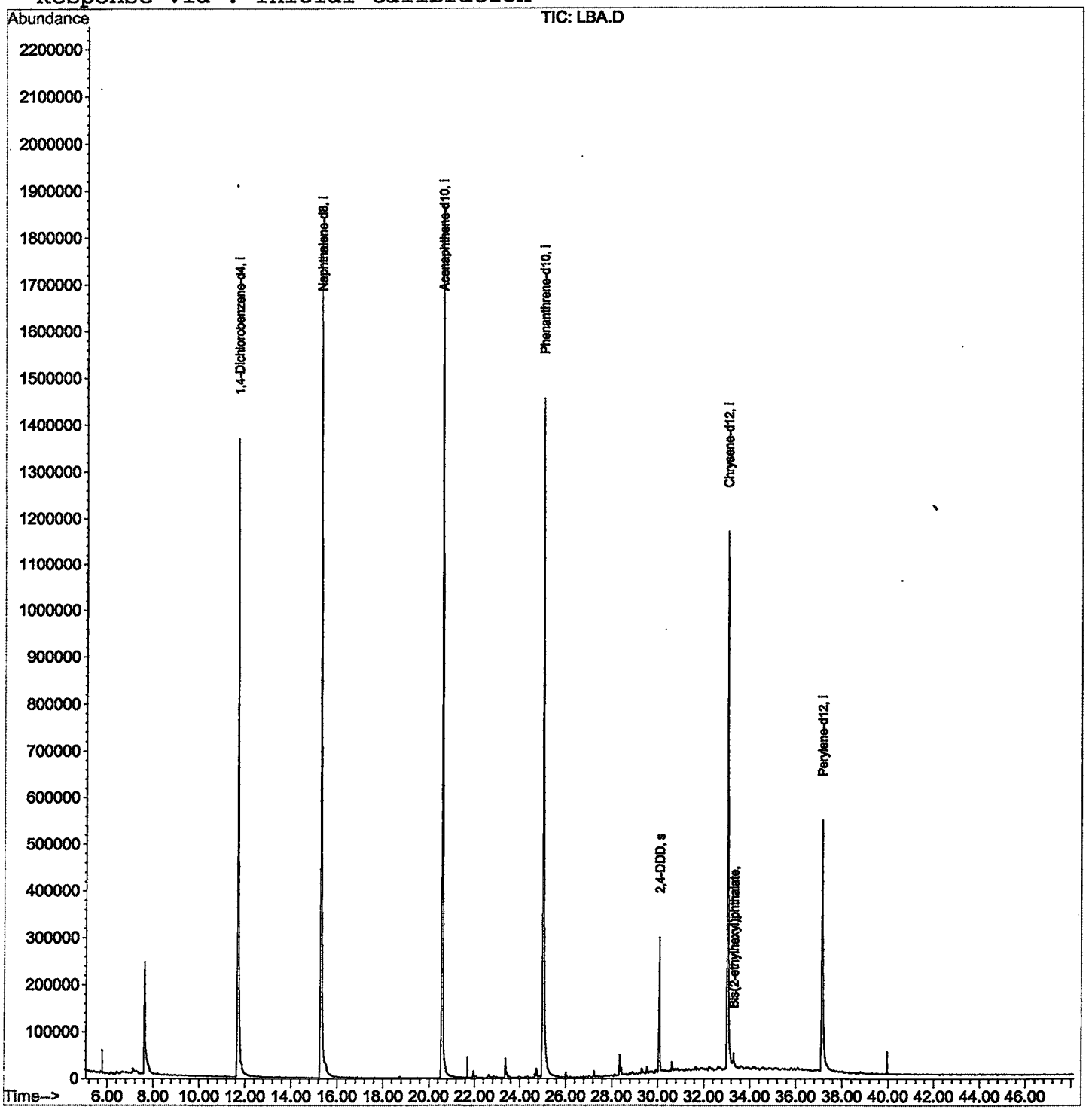
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:12 2002

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Vial: 5
Acq On : 31 Dec 2001 2:51 pm
Operator: 209 GALOS
Sample : gcms scan 12/14
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

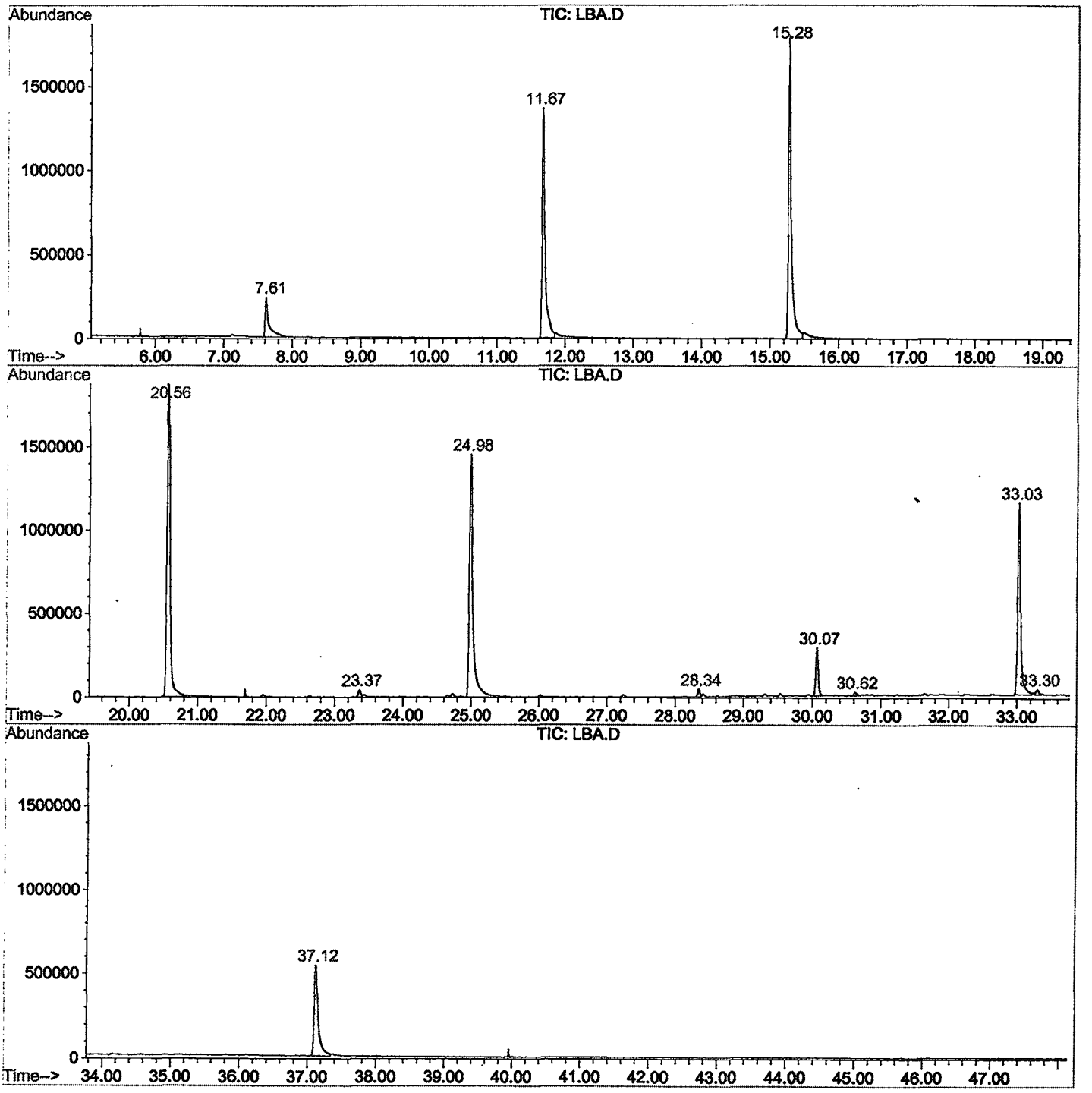
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.614	276	280	313	rBV	236604	888430	16.32%	3.269%
2	11.672	717	722	741	rBV	1366778	3946644	72.49%	14.521%
3	15.280	1110	1115	1136	rBV	1798751	5004777	91.93%	18.414%
4	20.559	1684	1690	1720	rBV	1871494	5444084	100.00%	20.030%
5	23.368	1989	1996	2000	rBV	43358	106541	1.96%	0.392%
6	24.983	2166	2172	2212	rBV2	1453858	5106642	93.80%	18.789%
7	28.343	2531	2538	2542	rBV2	44833	103883	1.91%	0.382%
8	30.069	2720	2726	2735	rBV	286836	709441	13.03%	2.610%
9	30.620	2781	2786	2794	rBV3	20652	65156	1.20%	0.240%
10	33.025	3042	3048	3069	rBV2	1145437	3491583	64.14%	12.846%
11	33.301	3074	3078	3090	rVB2	30348	96917	1.78%	0.357%
12	37.120	3487	3494	3518	rBV2	535399	2215372	40.69%	8.151%

Sum of corrected areas: 27179470

LBA.D GCMS1126.M Wed Jan 16 08:29:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Operator : 209 GALOS
Acquired : 31 Dec 2001 2:51 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14
Misc Info :
Vial Number: 5
Quant File :GCMS1126.RES (RTE Integrator)



LBA.D GCMS1126.M Wed Jan 16 08:29:12 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

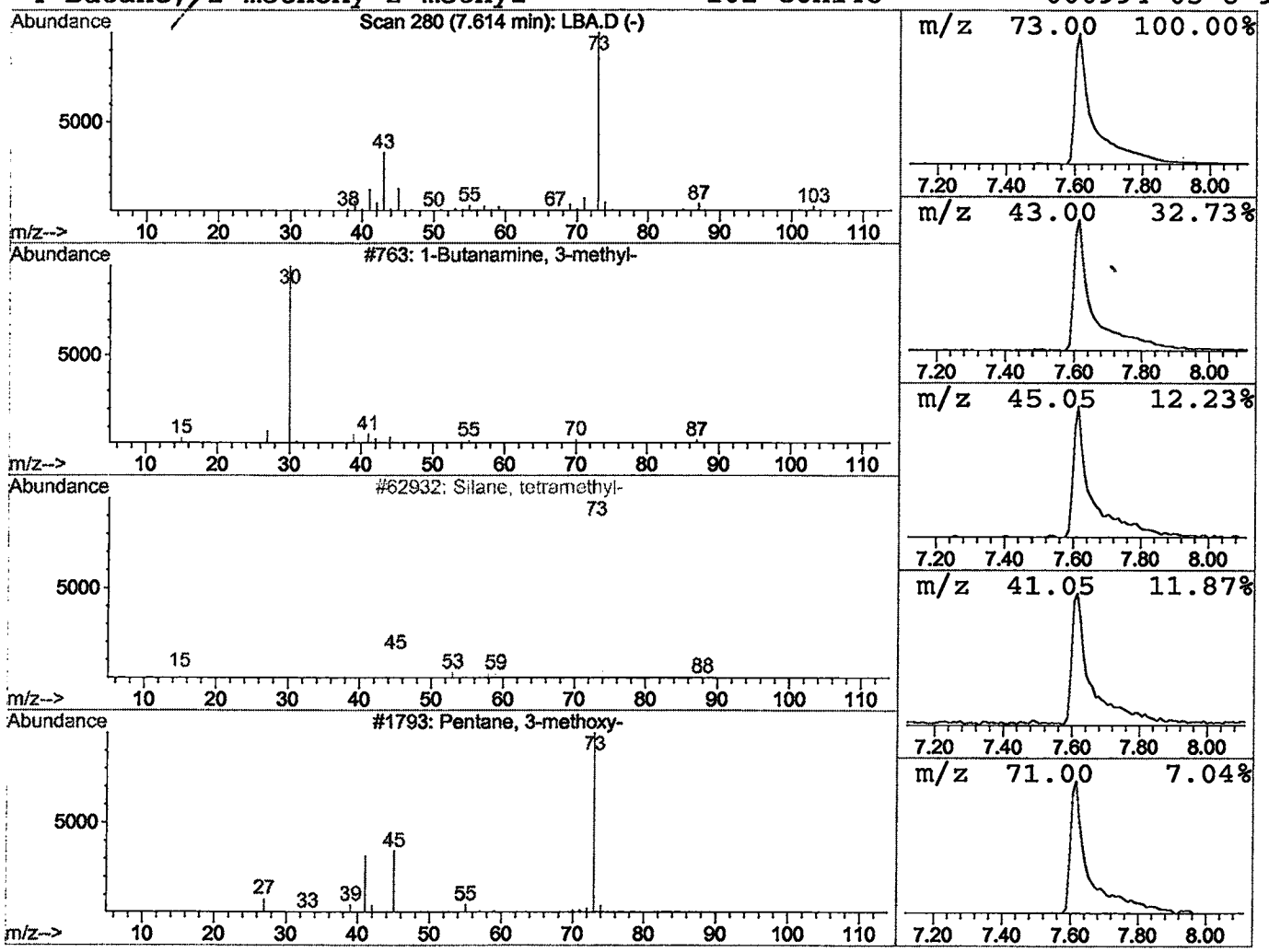
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.50 ug/l	888430	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

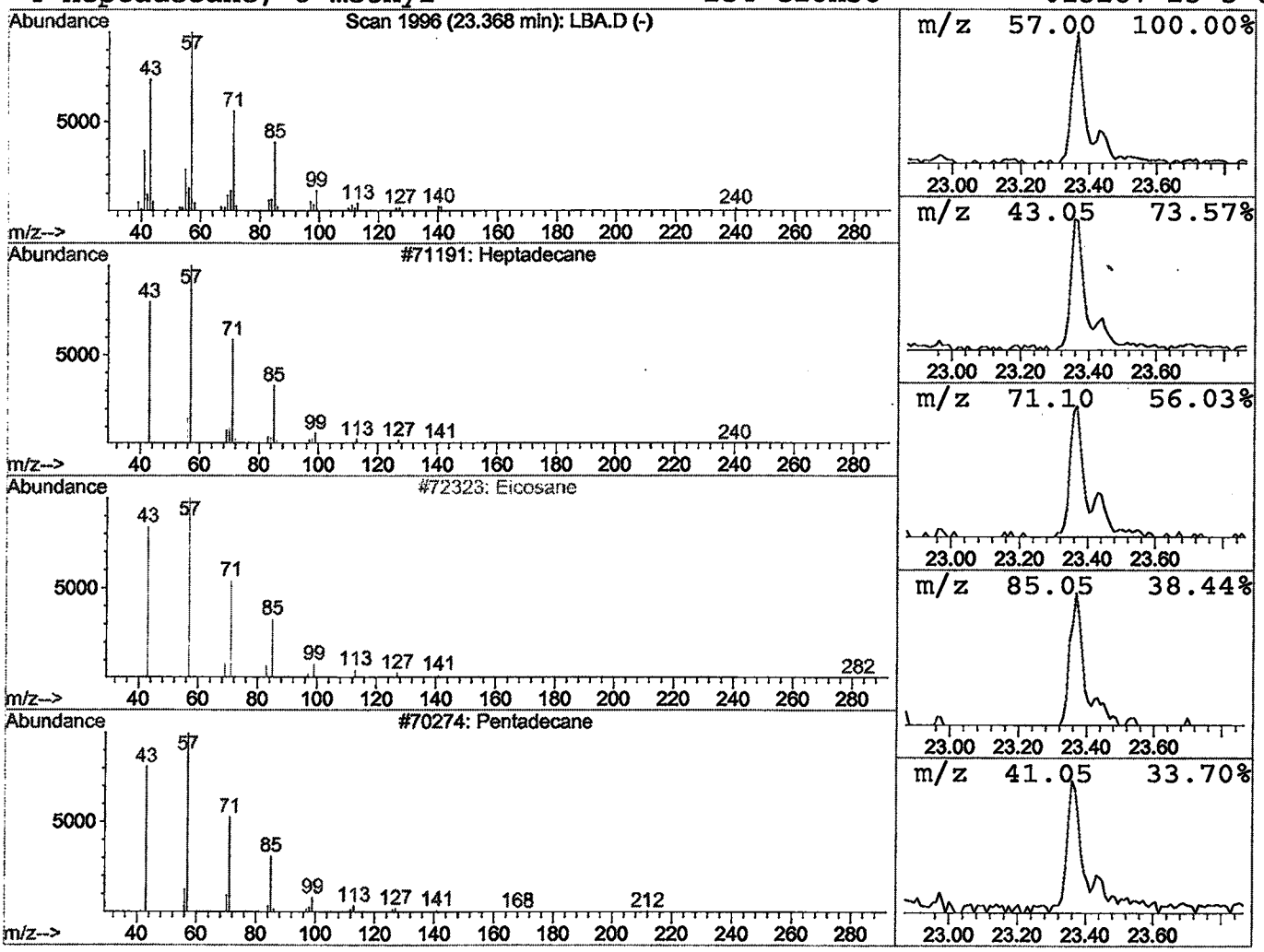
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	0.42 ug/l	106541	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

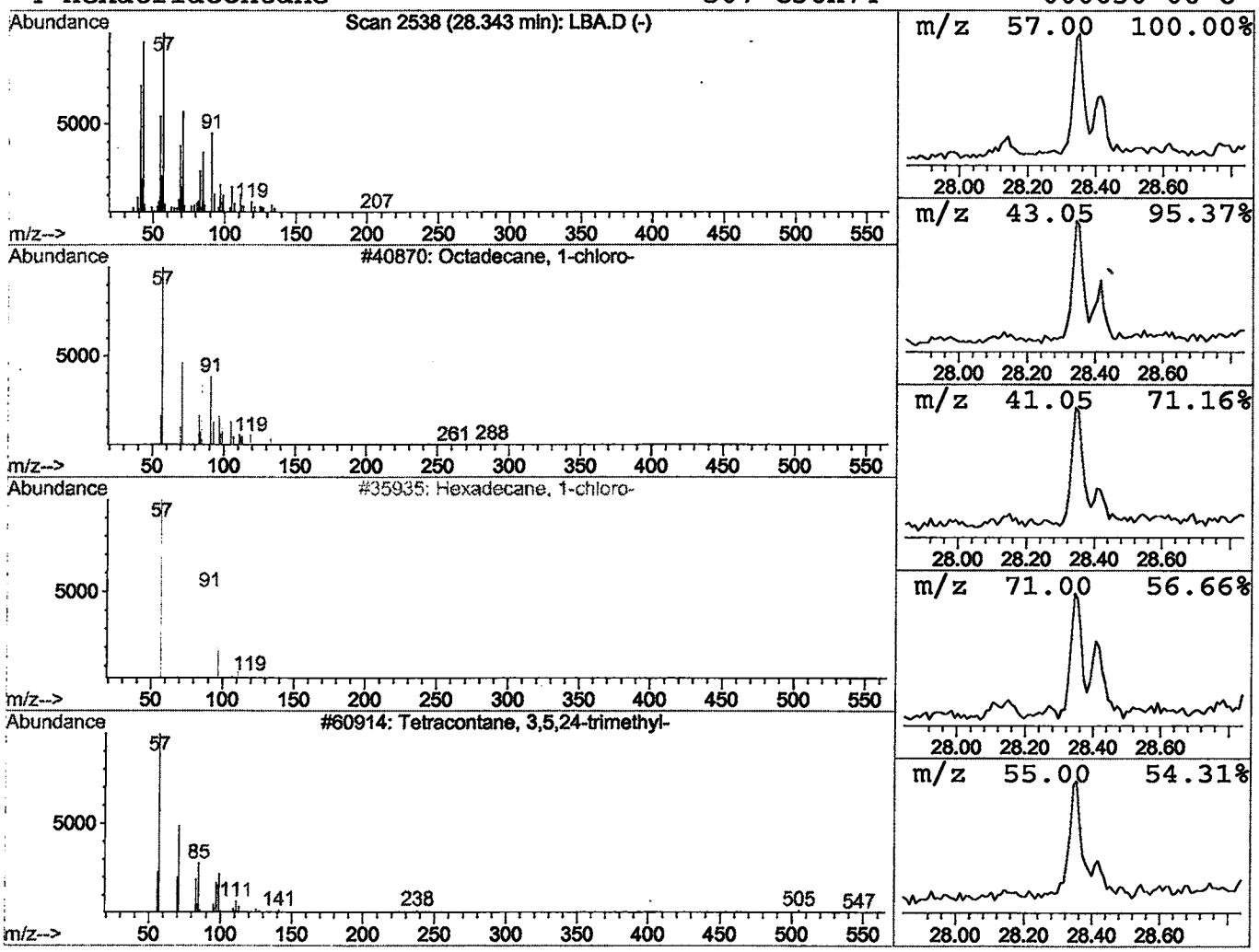
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Octadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.34	0.41 ug/l	103883	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	78
4	Hexatriacontane	507	C36H74	000630-06-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\LBA.D
Acq On : 31 Dec 2001 2:51 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

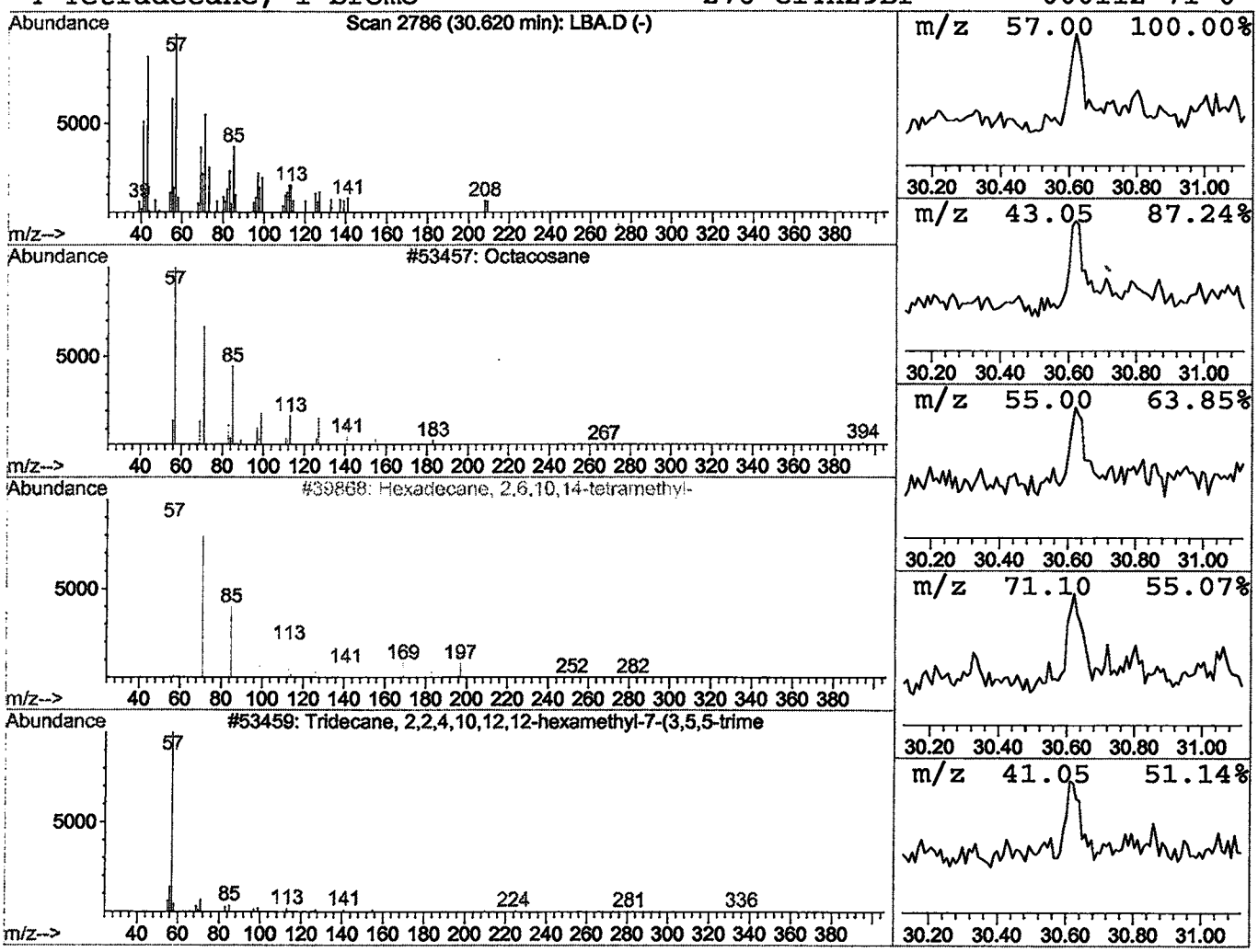
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Octacosane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.62	0.37 ug/l	65156	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	52
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
3	Tridecane, 2,2,4,10,12,12-hexamethy	394	C28H58	003035-75-4	50
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	43



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Dec 2001 2:51 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\LBA.D
Name: gcms scan 12/14
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
1-Butanamine, 3-meth	7.61	4.5	ug/l	888430	ISTD01	11.67	3946640	20.0
Heptadecane	23.37	0.4	ug/l	106541	ISTD04	24.98	5106640	20.0
Octadecane, 1-chloro	28.34	0.4	ug/l	103883	ISTD04	24.98	5106640	20.0
Octacosane	30.62	0.4	ug/l	65156	ISTD05	33.03	3491580	20.0

LBA.D GCMS1126.M Wed Jan 16 08:29:36 2002