User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 12:27:09

Sample: AD29962
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 12:26 Ended: 1/28/02 12:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AD29962 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:27:41

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\DEC1801\29962.D Vial: 11
Acq On : 19 Dec 2001 1:51 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 10:25 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 : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	937951	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3597209	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1815074	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2612076	20.00	ug/l	-0.02
38) Chrysene-d12	33.02	240	1734638	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1120783	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	142810	4.97	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 99.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	312	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	2237	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	21.40	165	258	N.D.		
25) Diethylphthalate	22.10	149	1359	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\DEC1801\29962.D Vial: 11
Acq On : 19 Dec 2001 1:51 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 10:25 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 : NP091101

	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	25.04	178	730	N.D.	
34)	Anthracene	25.04	178	730	N.D.	
35)	Di-n-butylphthalate	26.99	149	18399	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	33.02	228	4161	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	23241	N.D.	
43)	Chrysene	33.02	228	4161	N.D.	
45)	Di-n-Octylphthalate	35.09	149	261	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	37.11	252	4446	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.	

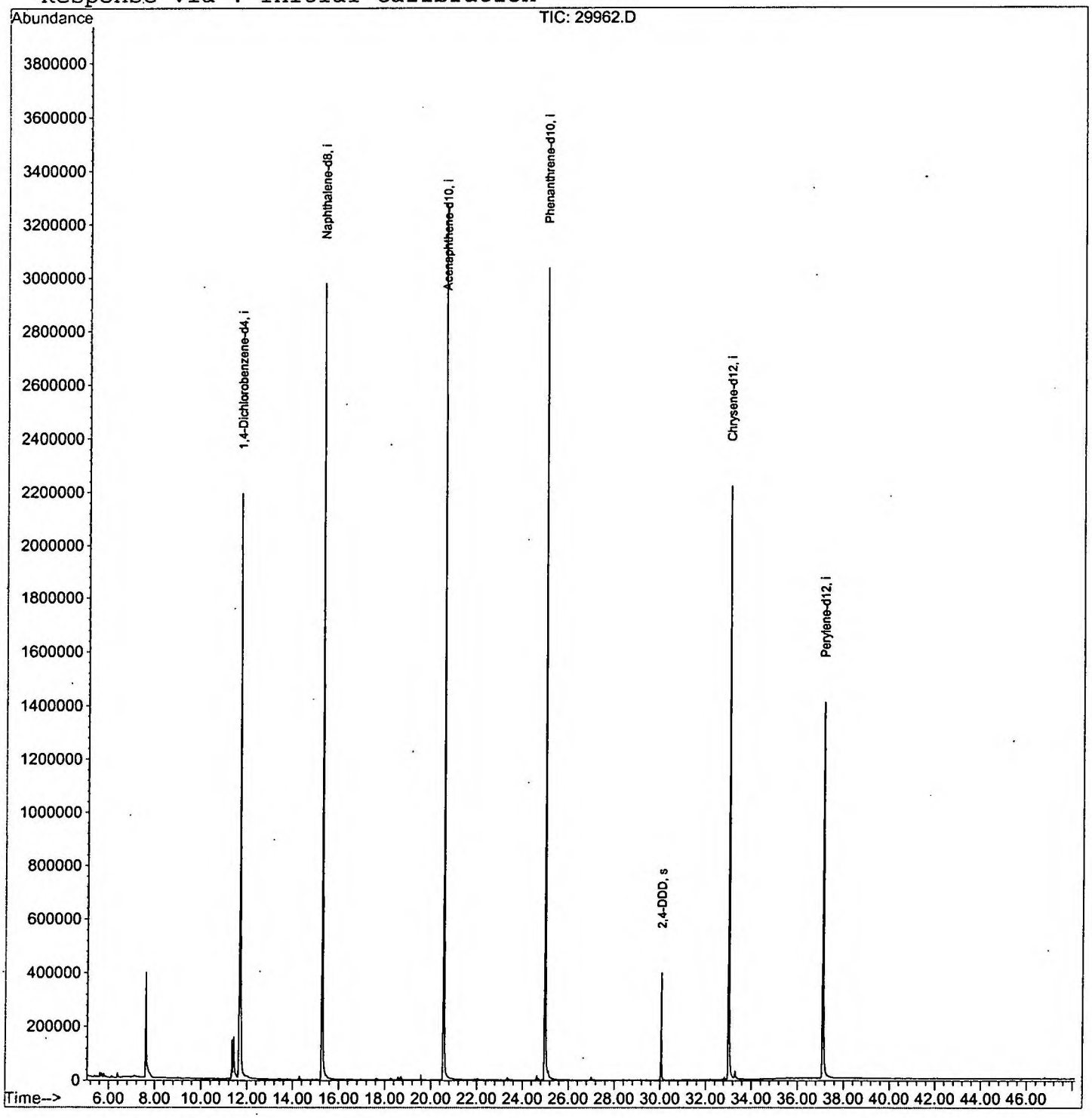
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 10:25 2002

Vial: 11
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\DEC1801\29962.D Vial: 11
Acq On : 19 Dec 2001 1:51 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 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

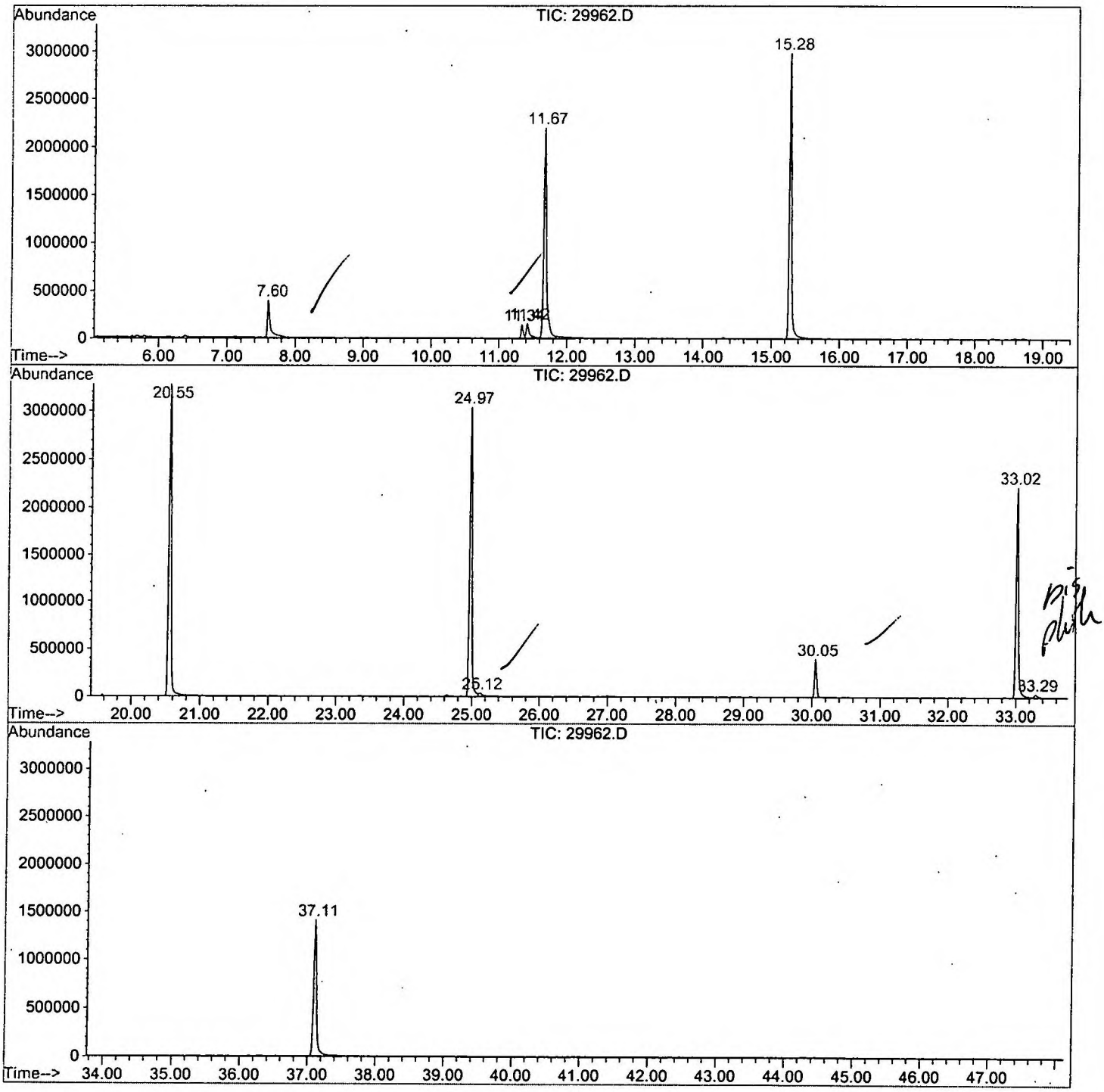
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.596	274	278	308	rBV	391222	1185140	15.63%	2.960%
2	11.342	682	686	691	rBV	142290	307064	4.05%	0.767%
3	11.424	691	695	714	rVB	151779	446396	5.89%	1.115%
4	11.672	714	722	741	rBV2	2186286	5844383	77.07%	14.596%
5	15.280	1109	1115	1134	rBV	2978406	6963510	91.82%	17.391%
6	20.550	1683	1689	1713	rBV	3278355	7583567	100.00%	18.940%
7	24.975	2165	2171	2184	rBV2	3035621	7057097	93.06%	17.625%
8	25.121	2184	2187	2201	rVB2	29596	114660	1.51%	0.286%
9	30.051	2719	2724	2735	rBV	398474	823642	10.86%	2.057%
10	33.017	3040	3047	3065	rBV2	2219656	5447015	71.83%	13.604%
11	33.292	3072	3077	3091	rVB2	30173	101077	1.33%	0.252%
12	37.111	3484	3493	3520	rBV	1405433	4167193	54.95%	10.407%

Sum of corrected areas: 40040744

29962.D GCMS1126.M Tue Jan 15 15:27:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 1:51 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



29962.D GCMS1126.M Tue Jan 15 15:27:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

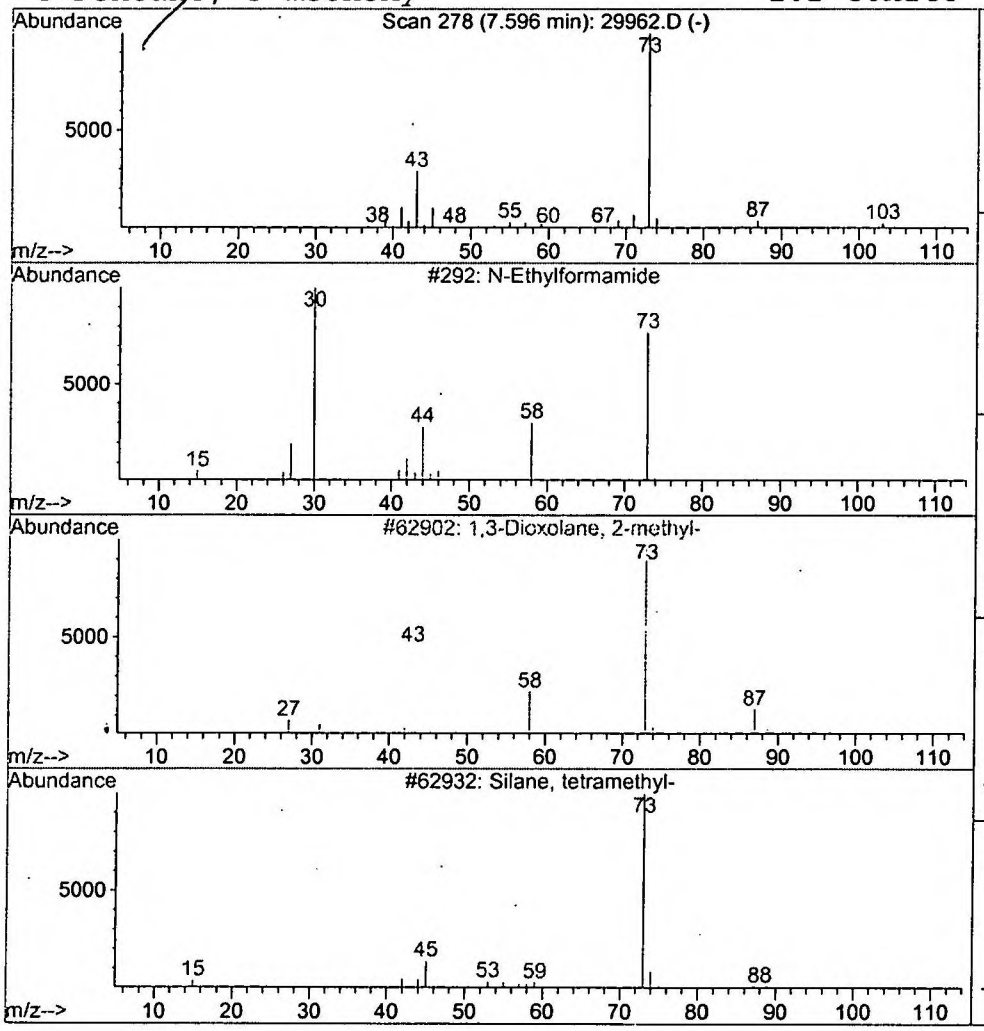
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

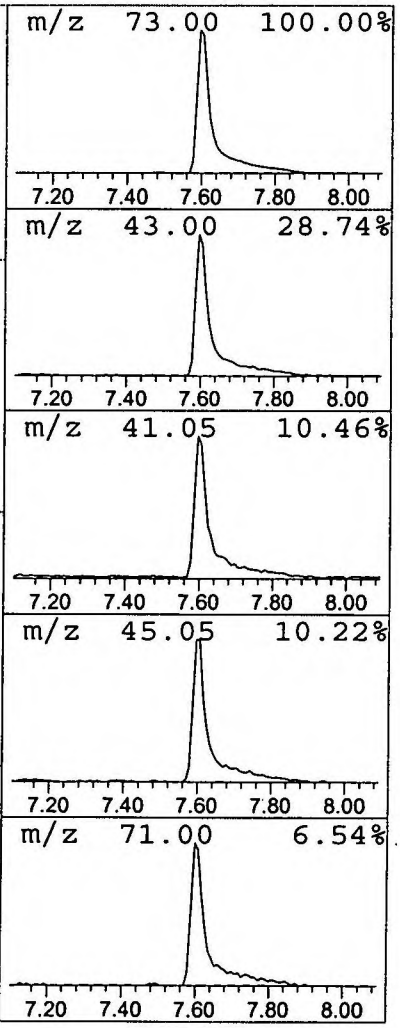
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.06 ug/l	1185140	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

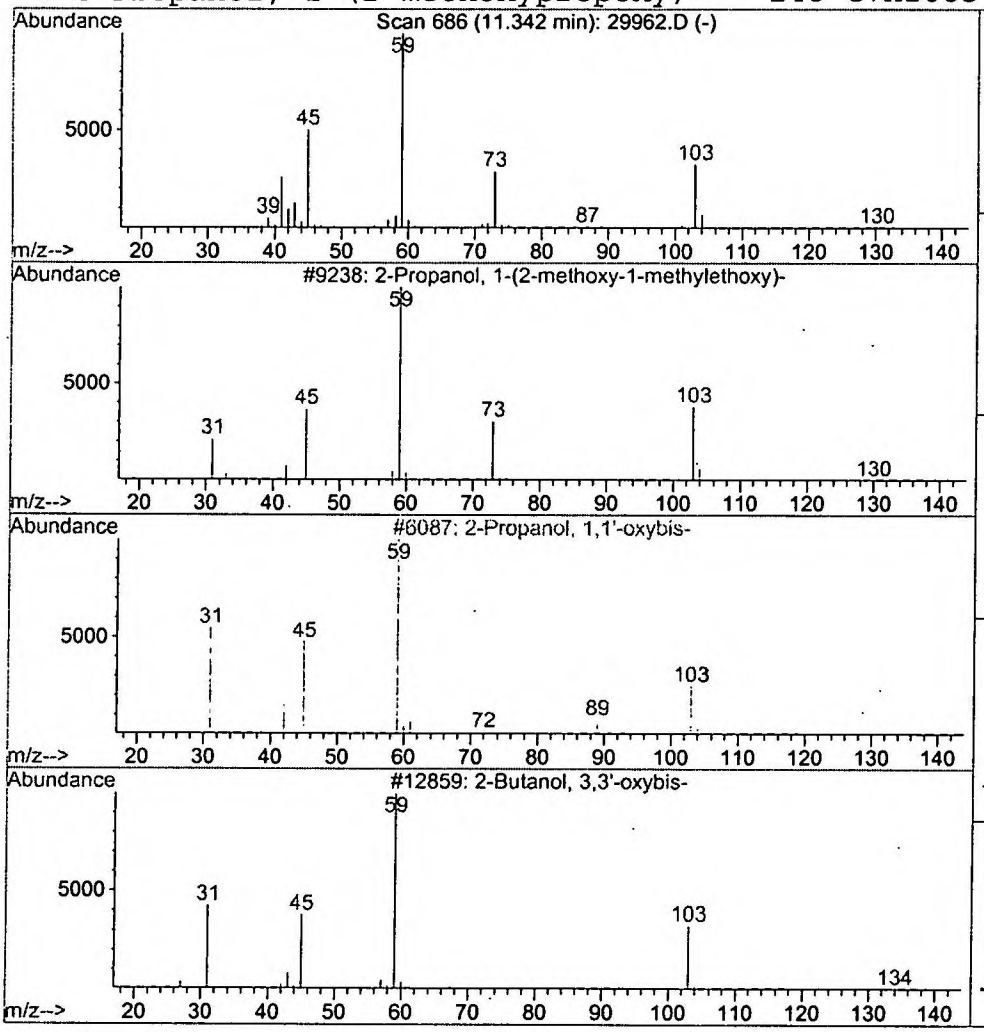
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

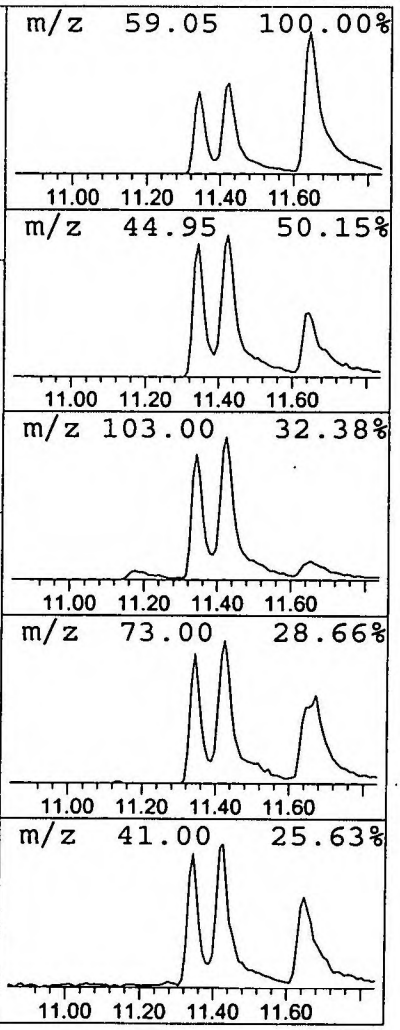
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.05 ug/l	307064	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

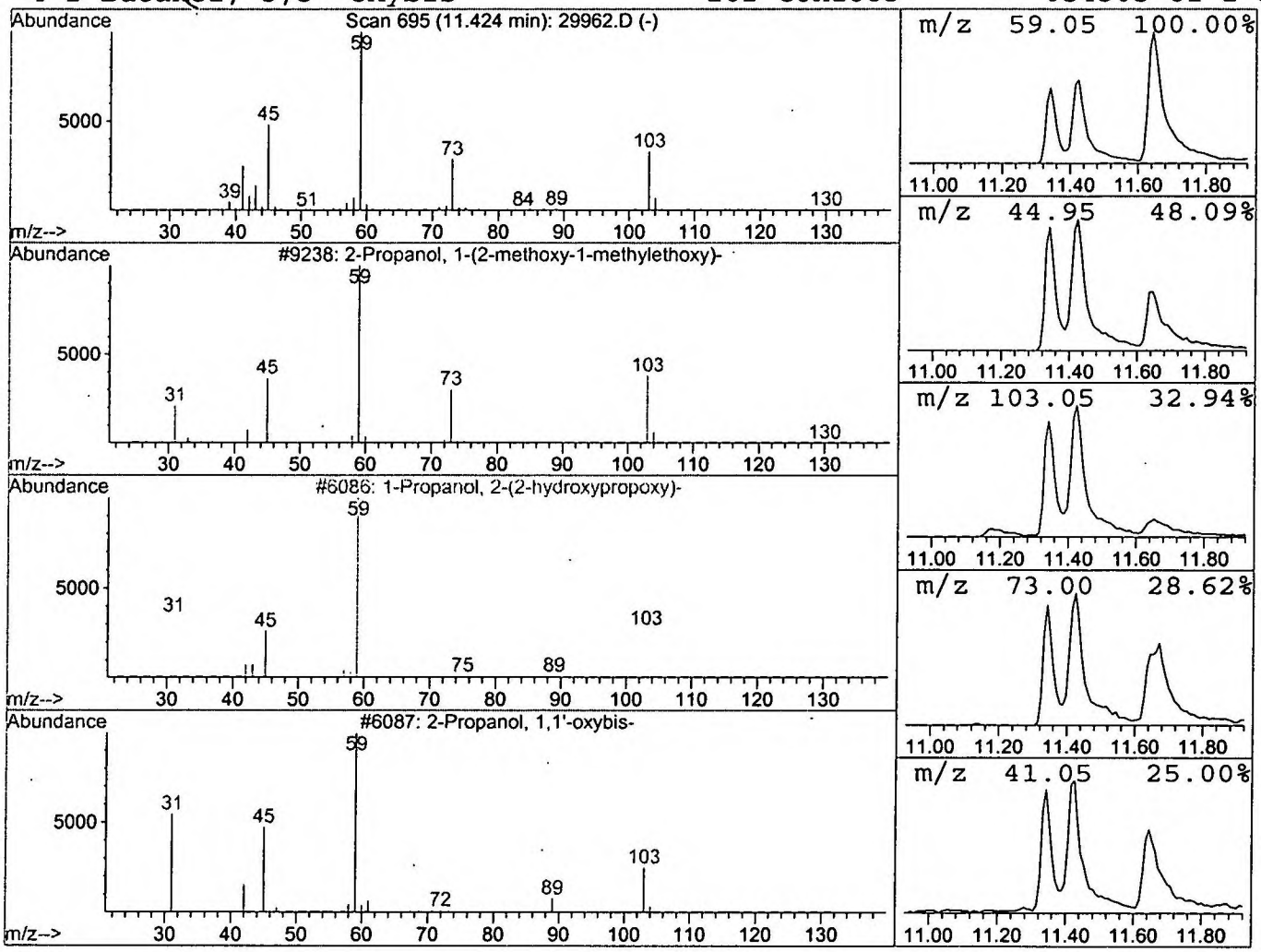
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.53 ug/l	446396	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

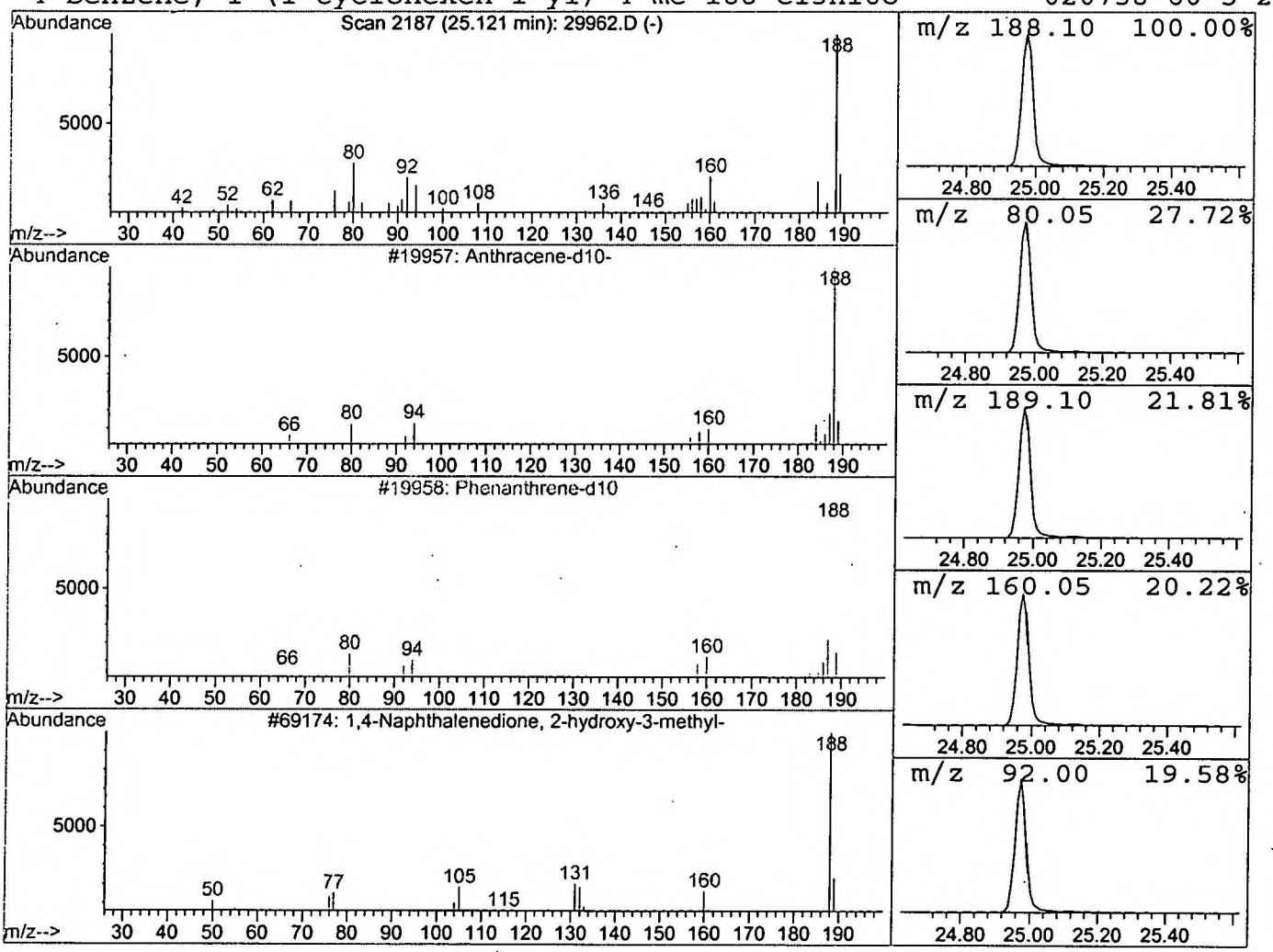
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.32 ug/l	114660	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	58
2	Phenanthrene-d10	188	C14D10	001517-22-2	53
3	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	40
4	Benzene, 1-(1-cyclohexen-1-yl)-4-me	188	C13H16O	020758-60-5	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29962.D
Acq On : 19 Dec 2001 1:51 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

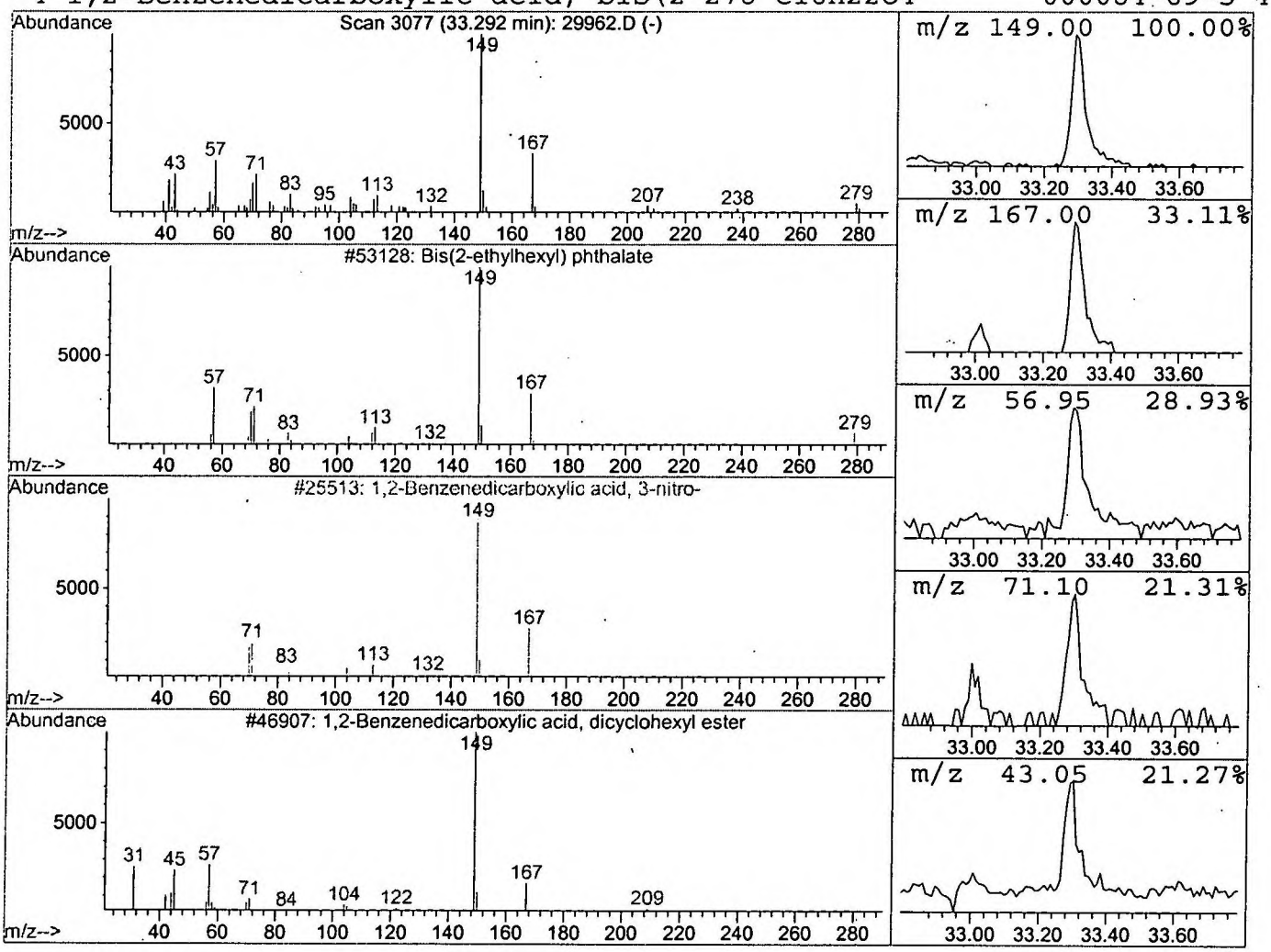
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Bis(2-ethylhexyl) phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.29	0.37 ug/l	101077	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
2	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	80
3	1,2-Benzenedicarboxylic acid, dicyc	330	C20H26O4	000084-61-7	50
4	1,2-Benzenedicarboxylic acid, bis(2	278	C16H22O4	000084-69-5	47



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 1:51 am
Data File: C:\HPCHEM\1\DATA\DEC1801\29962.D
Name: gc/ms scan 12/11
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
N-Ethylformamide	7.60	4.1	ug/l	1185140	ISTD01	11.67	5844380	20.0
2-Propanol, 1-(2-met	11.34	1.1	ug/l	307064	ISTD01	11.67	5844380	20.0
2-Propanol, 1-(2-met	11.42	1.5	ug/l	446396	ISTD01	11.67	5844380	20.0
Anthracene-d10-	25.12	0.3	ug/l	114660	ISTD04	24.97	7057100	20.0
Bis(2-ethylhexyl) ph	33.29	0.4	ug/l	101077	ISTD05	33.02	5447020	20.0

29962.D GCMS1126.M Tue Jan 15 15:27:55 2002