User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:43:26

Sample: AD29928
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/31/02 11:43 Ended: 1/31/02 11:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Reanalyzed
clear
DW
1/31/2

Comments for Sample AD29928 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:43:58

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\DEC1401\29928.D Vial: 46
Acq On : 16 Dec 2001 10:39 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:23 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 Jan 25 15:57:52 2002
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	801415	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3078701	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1527222	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2283192	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1425074	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	893326	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	141595	5.64	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 112.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.27	74	192	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	15.34	128	791	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	21.09	165	347	N.D.		
25) Diethylphthalate	22.10	149	757	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)

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Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
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	475	N.D.	
34) Anthracene	25.05	178	475	N.D.	
35) Di-n-butylphthalate	26.99	149	31245	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	3480	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	21122	N.D.	
43) Chrysene	33.01	228	3480	N.D.	
45) Di-n-Octylphthalate	35.03	149	216	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	3701	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.	

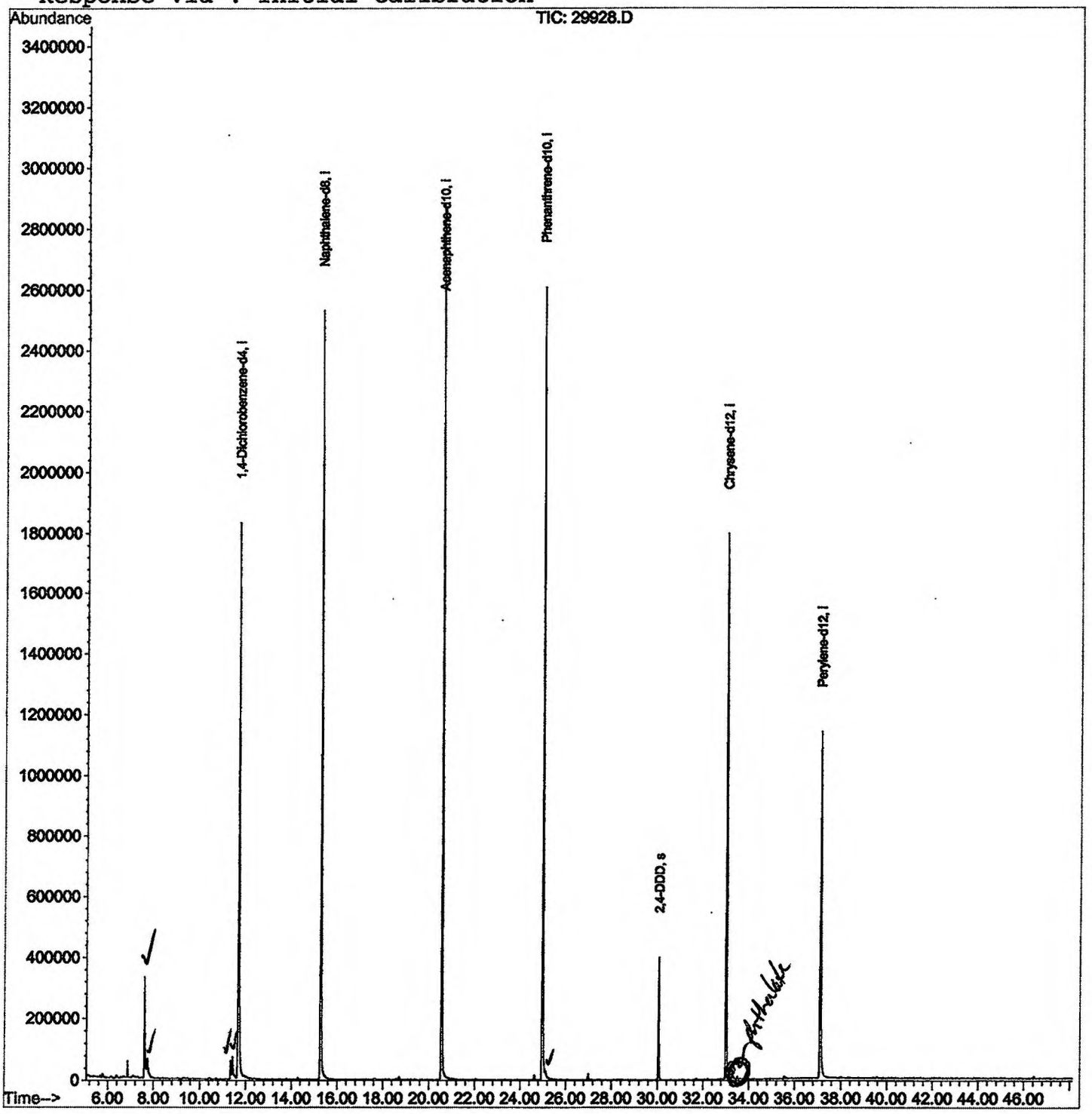
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:23 2002

Vial: 46
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 Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D Vial: 46
Acq On : 16 Dec 2001 10:39 am Operator: 209 GALOS
Sample : gcms 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

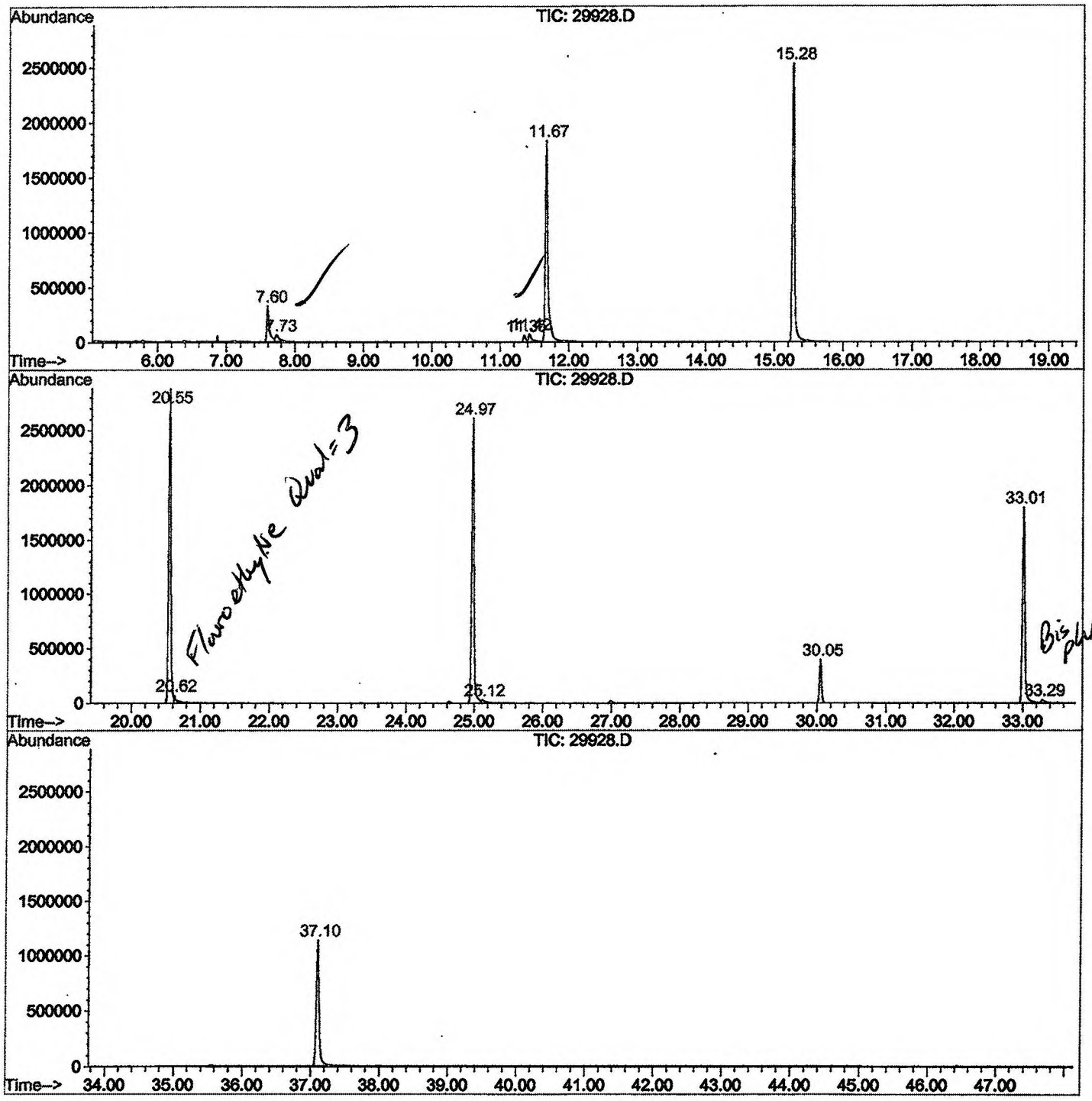
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.596	274	278	289	rBV	328474	838133	13.44%	2.512%
2	7.733	289	293	309	rVB3	60676	249422	4.00%	0.747%
3	11.350	683	687	692	rBV	60683	147359	2.36%	0.442%
4	11.424	692	695	710	rVB	69244	214823	3.44%	0.644%
5	11.672	715	722	746	rBV	1827338	4860701	77.93%	14.566%
6	15.279	1109	1115	1134	rBV	2530645	5955696	95.48%	17.847%
7	20.549	1683	1689	1696	rBV	2883760	6237649	100.00%	18.692%
8	20.622	1696	1697	1715	rVB	66474	133751	2.14%	0.401%
9	24.974	2165	2171	2184	rBV2	2608474	6012717	96.39%	18.018%
10	25.121	2185	2187	2204	rVB3	25865	92212	1.48%	0.276%
11	30.051	2719	2724	2731	rBV	397664	813731	13.05%	2.438%
12	33.007	3040	3046	3067	rBV2	1794442	4479346	71.81%	13.423%
13	33.291	3072	3077	3088	rVB2	26909	83293	1.34%	0.250%
14	37.101	3485	3492	3509	rBV	1133929	3252237	52.14%	9.746%

Sum of corrected areas: 33371070

29928.D GCMS1126.M Wed Jan 30 12:44:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 10:39 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 46
Quant File :GCMS1126.RES (RTE Integrator)



29928.D GCMS1126.M Wed Jan 30 12:44:23 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

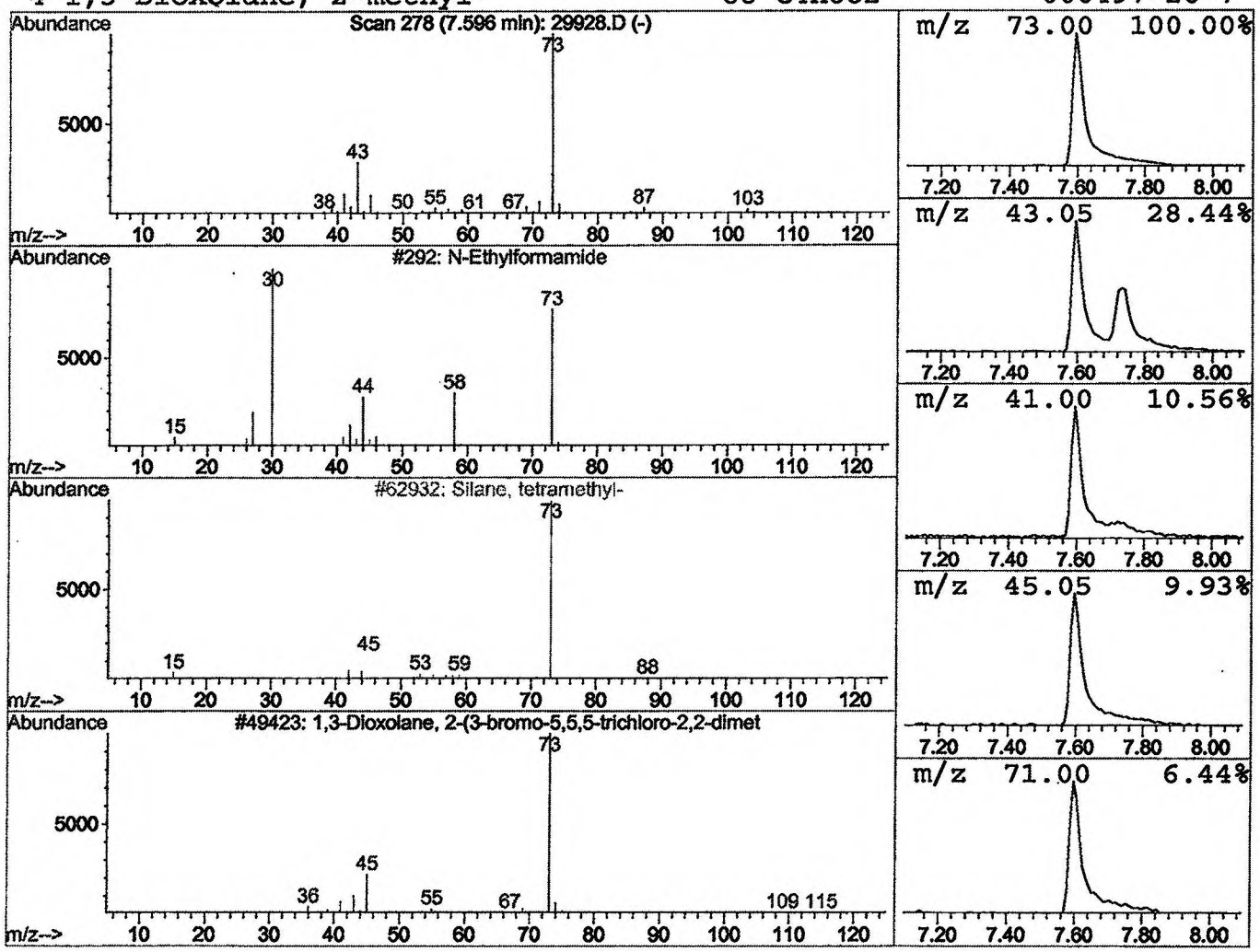
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.45 ug/l	838133	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

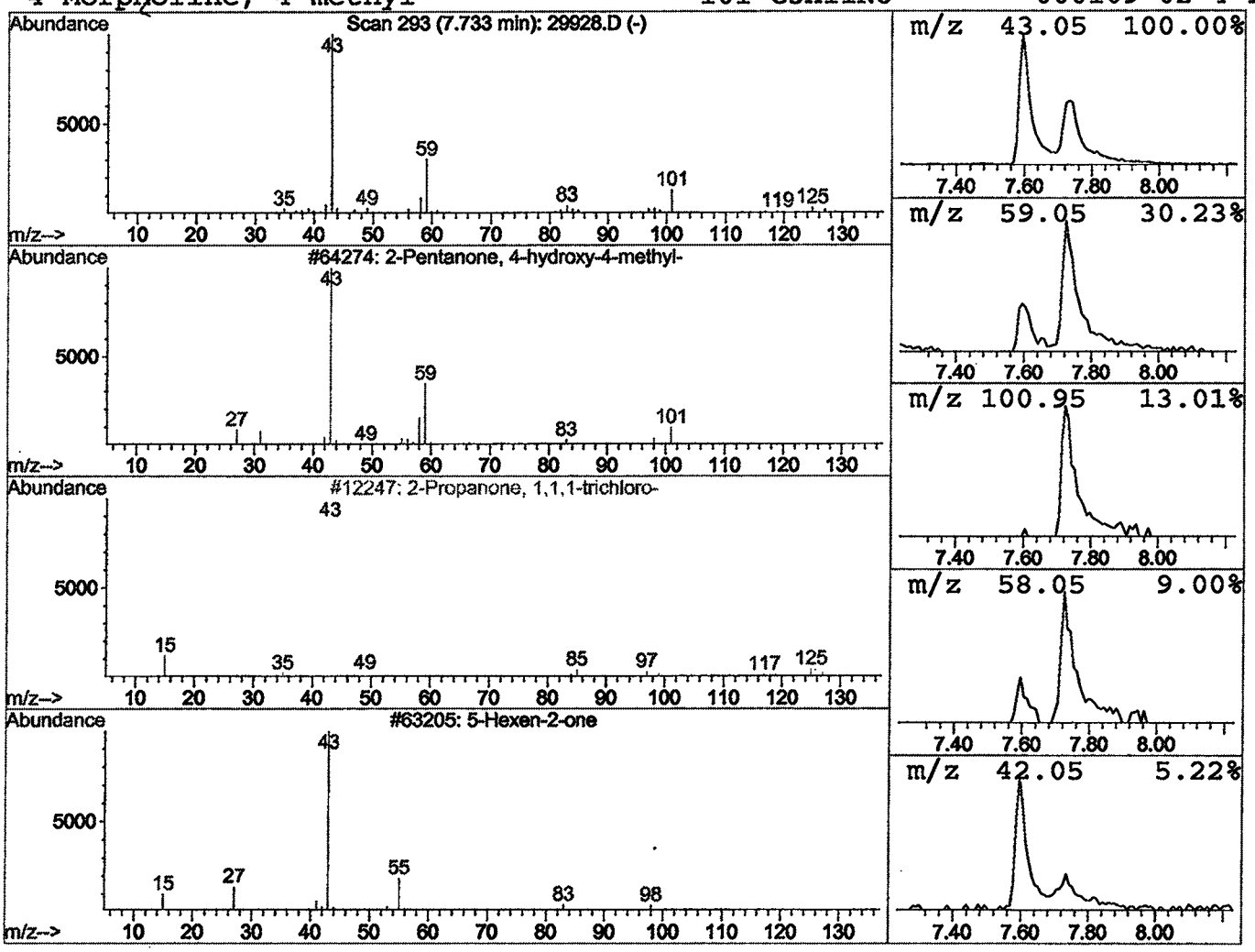
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	1.03 ug/l	249422	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

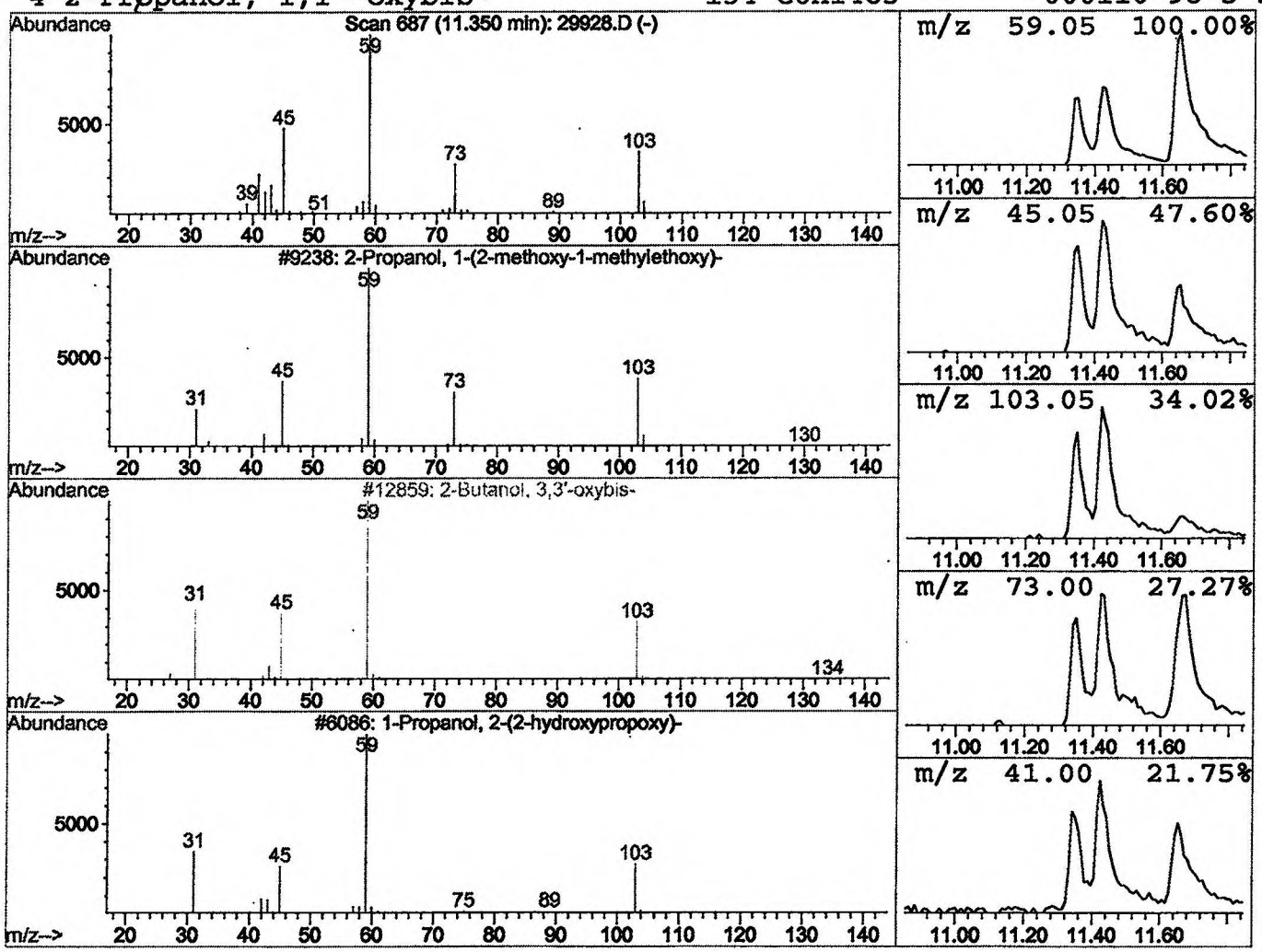
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.61 ug/l	147359	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	90
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

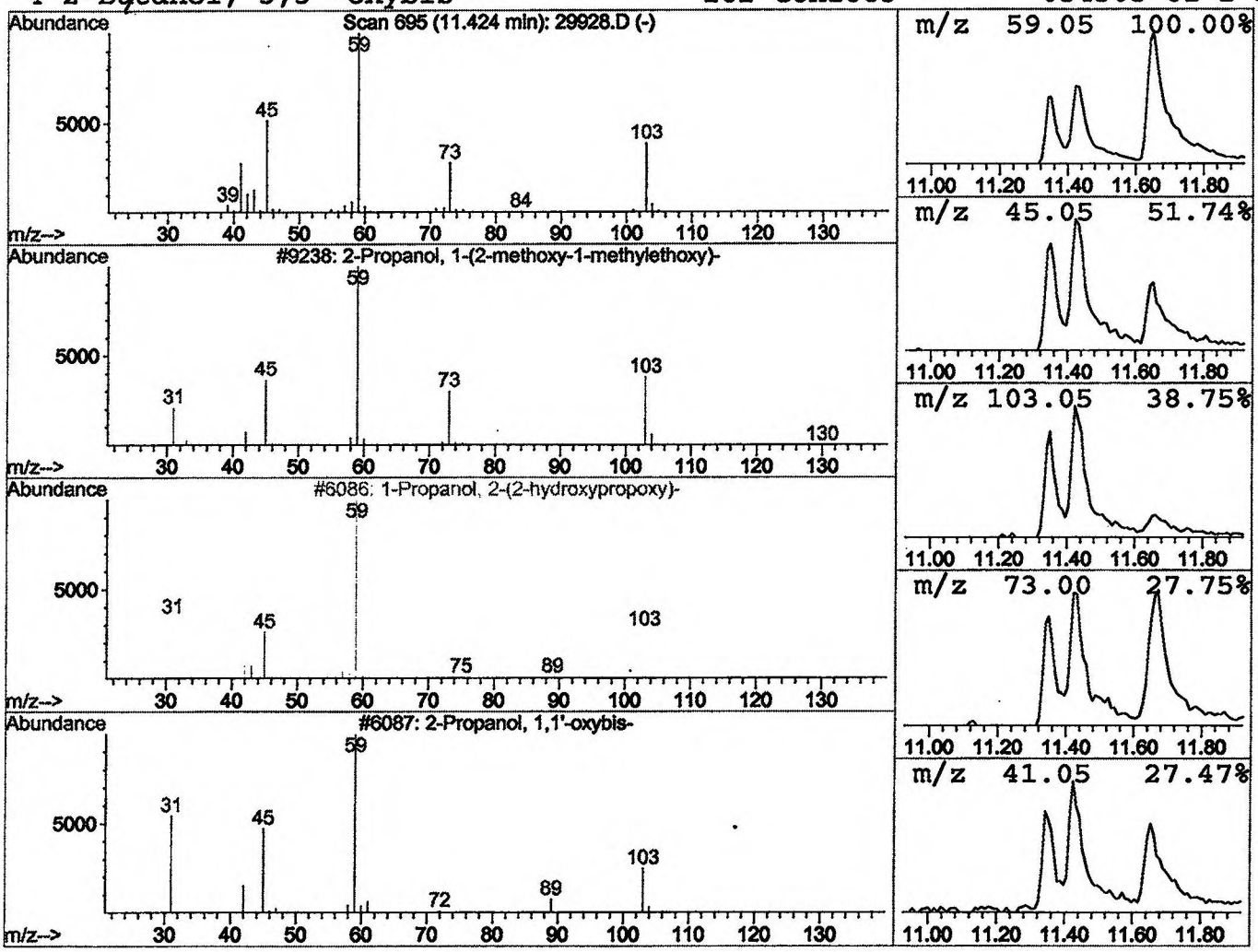
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.88 ug/l	214823	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	45
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	45
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

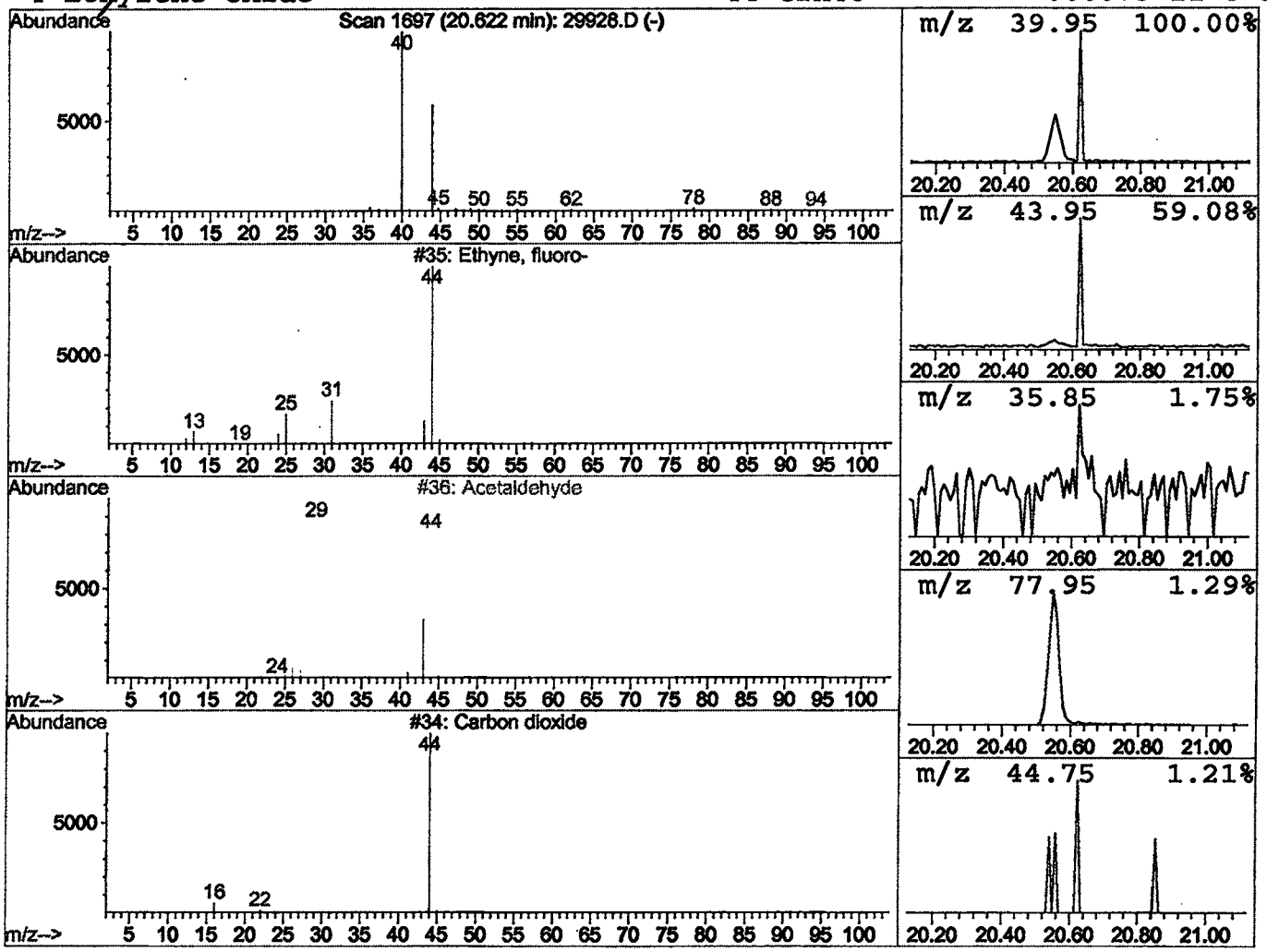
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Ethyne, fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	0.43 ug/l	133751	Acenaphthene-d10	20.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyne, fluoro-	44	C2HF	002713-09-9	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Carbon dioxide	44	CO2	000124-38-9	3
4	Ethylene oxide	44	C2H4O	000075-21-8	3



Library Search Compound Report

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Acq On : 16 Dec 2001 10:39 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

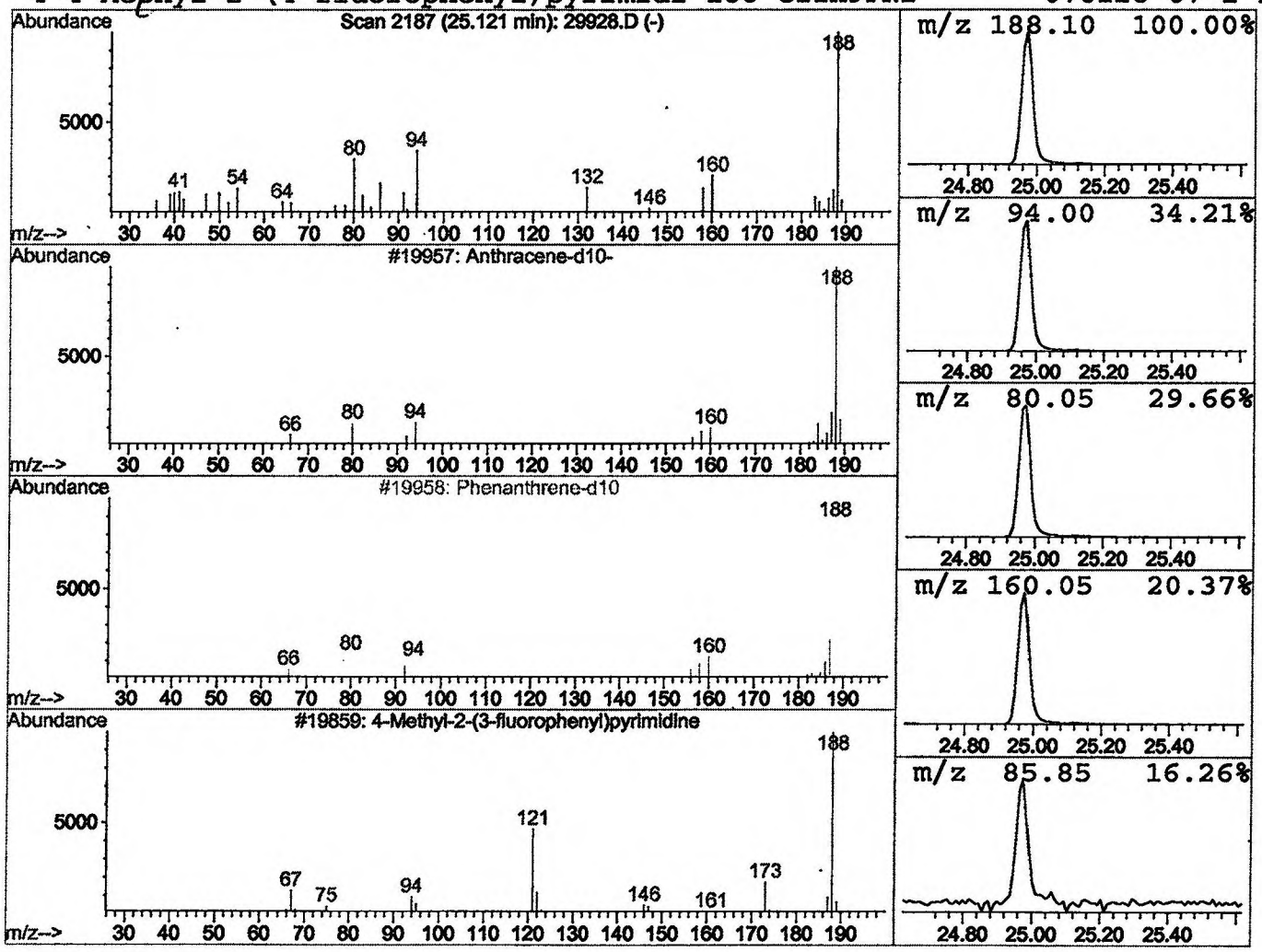
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Anthracene-d10- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.31 ug/l	92212	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	28
2	Phenanthrene-d10	188	C14D10	001517-22-2	25
3	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	9
4	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	9



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Misc :
MS Integration Params: LSCINT.P

Vial: 46
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

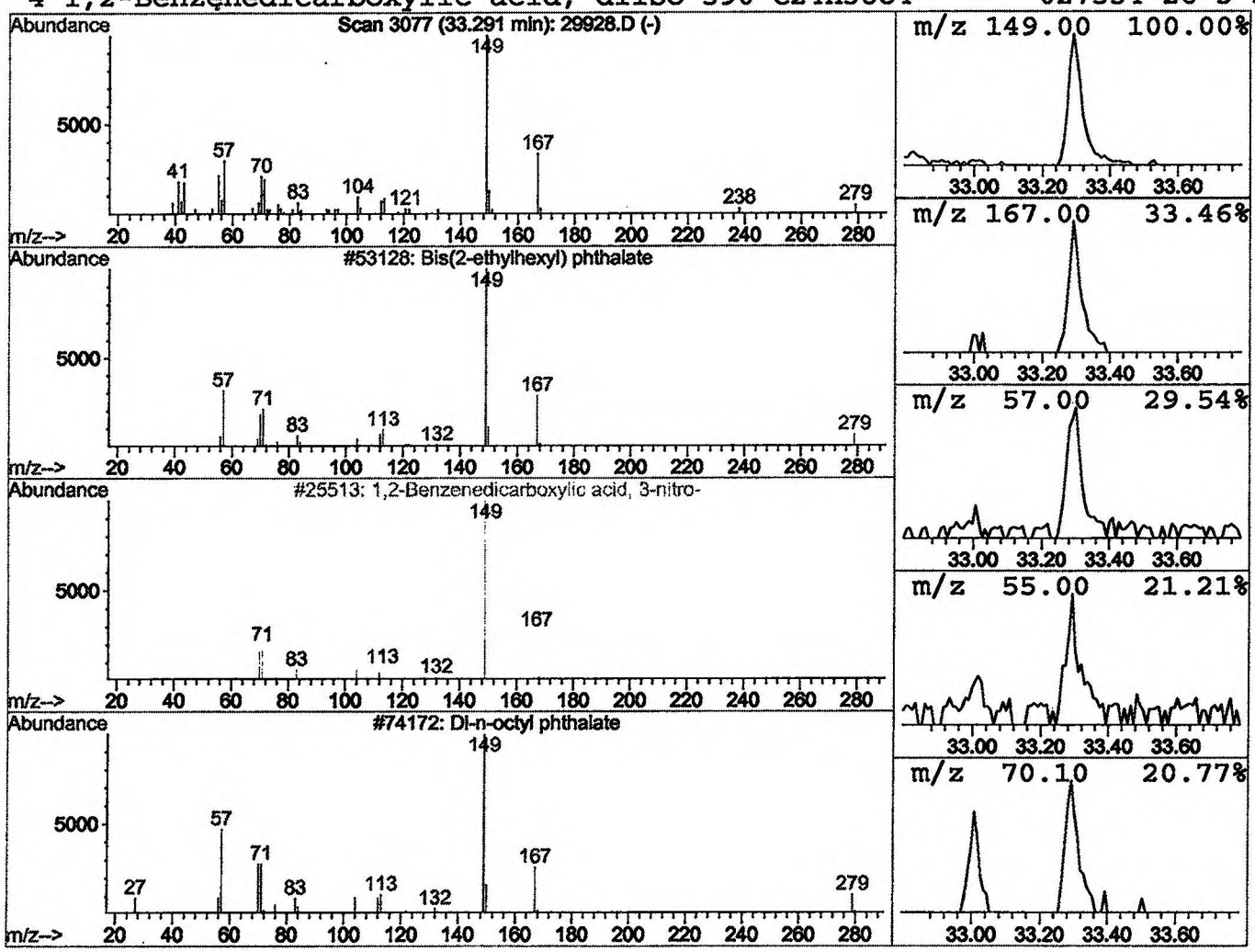
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Bis(2-ethylhexyl) phthalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.29	0.37 ug/l	83293	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
2	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	87
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	78
4	1,2-Benzenedicarboxylic acid, diiso	390	C24H38O4	027554-26-3	58



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 10:39 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29928.D
Name: gcms 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

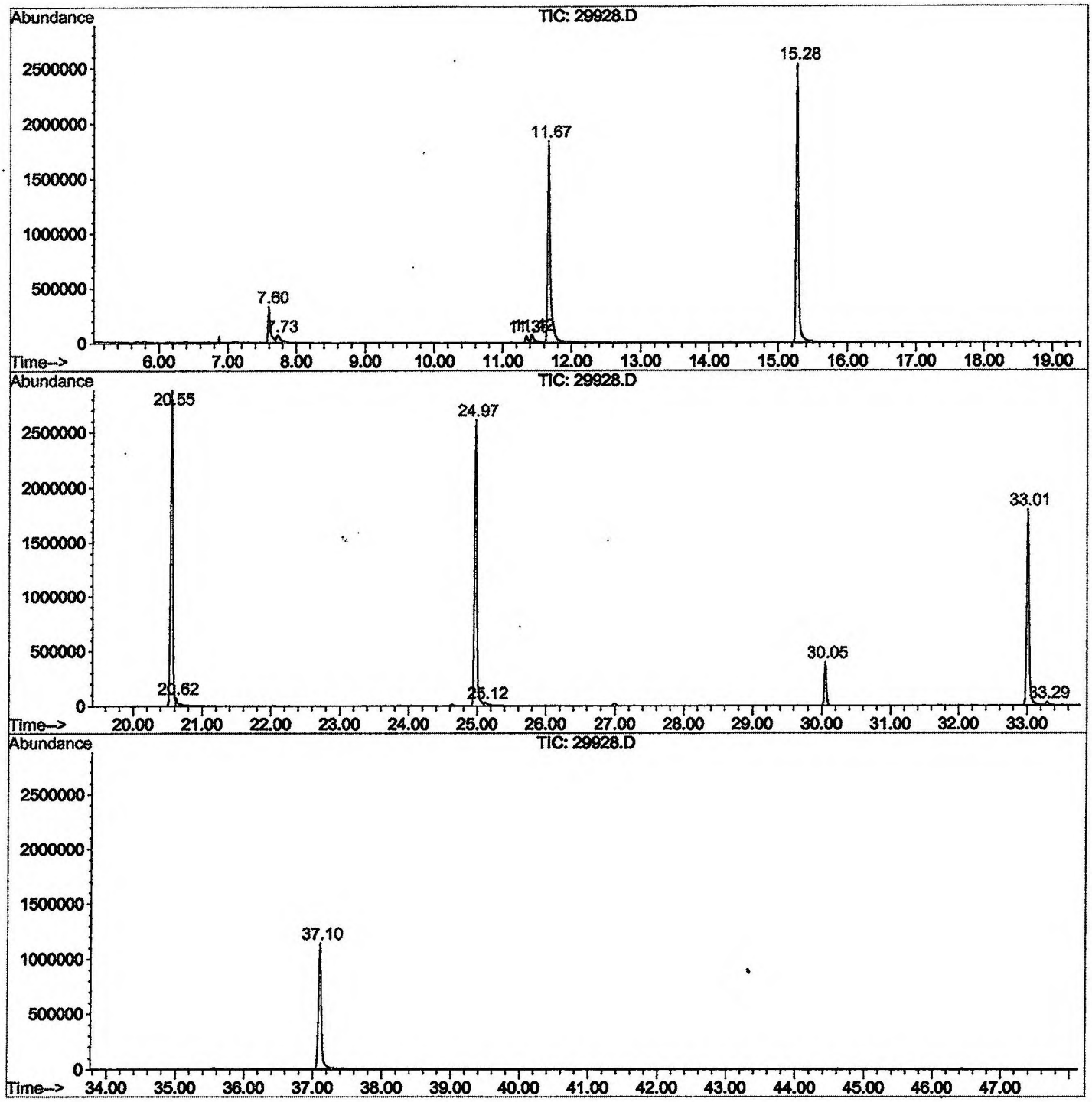
TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
N-Ethylformamide	7.60	3.4	ug/l	838133	ISTD01	11.67	4860700	20.0
2-Pentanone, 4-hydro	7.73	1.0	ug/l	249422	ISTD01	11.67	4860700	20.0
2-Propanol, 1-(2-met	11.35	0.6	ug/l	147359	ISTD01	11.67	4860700	20.0
2-Propanol, 1-(2-met	11.42	0.9	ug/l	214823	ISTD01	11.67	4860700	20.0
Ethyne, fluoro-	20.62	0.4	ug/l	133751	ISTD03	20.55	6237650	20.0
Anthracene-d10 = IS	25.12	0.3	ug/l	92212	ISTD04	24.97	6012720	20.0
Bis(2-ethylhexyl) ph	33.29	0.4	ug/l	83293	ISTD05	33.01	4479350	20.0

29928.D GCMS1126.M Wed Jan 30 12:44:54 2002

column bleed
beyond

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29928.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 10:39 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 46
Quant File :GCMS1126.RES (RTE Integrator)



29928.D GCMS1126.M Wed Jan 30 11:52:20 2002