User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:18:48

Sample: AD29790
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:18 Ended: 1/9/02 12:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AD29790 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:18:51

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\29790.D Vial: 24
Acq On : 16 Dec 2001 12:56 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 1:45 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	849513	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3230607	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1625211	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2342510	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1526486	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	956528	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	133440	3.94	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 78.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.49	74	1478	N.D.		
3) bis(2-Chloroethyl)ether	11.13	93	4582	N.D.		
4) 1,3-Dichlorobenzene	11.59	146	2149	N.D.		
5) 1,4-Dichlorobenzene	11.72	146	2400	N.D.		
6) 1,2-Dichlorobenzene	12.24	146	1933	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	13.06	117	603	N.D.		
11) Nitrobenzene	13.49	77	1986	N.D.		
12) Isophorone	14.04	82	15203	N.D.		
13) bis(2-Chloroethoxy)methane	14.82	93	4869	N.D.		
14) 1,2,4-Trichlorobenzene	15.18	180	1123	N.D.		
15) Naphthalene	15.33	128	6751	N.D.		
16) Hexachlorobutadiene	15.90	225	321	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.90	162	1391	N.D.		
20) Dimethylphthalate	19.99	163	5664	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.10	152	2632	N.D.		
23) Acenaphthene	20.64	153	3107	N.D.		
24) 2,4-Dinitrotoluene	21.34	165	112	N.D.		
25) Diethylphthalate	22.09	149	17648	N.D.		
26) 4-Chlorophenyl-phenylether	22.26	204	1608	N.D.		
27) Fluorene	22.20	166	3088	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 Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	22.65	168	491	N.D.	
31) 4-Bromophenyl-phenylether	23.69	248	452	N.D.	
32) Hexachlorobenzene	24.09	284	952	N.D.	
33) Phenanthrene	25.04	178	7139	N.D.	
34) Anthracene	25.17	178	5183	N.D.	
35) Di-n-butylphthalate	27.00	149	33858	N.D.	
36) Fluoranthene	28.70	202	4331	N.D.	
39) Pyrene	29.36	202	4558	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.01	228	5794	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	2496	N.D.	
43) Chrysene	33.01	228	5794	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	3357	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.	

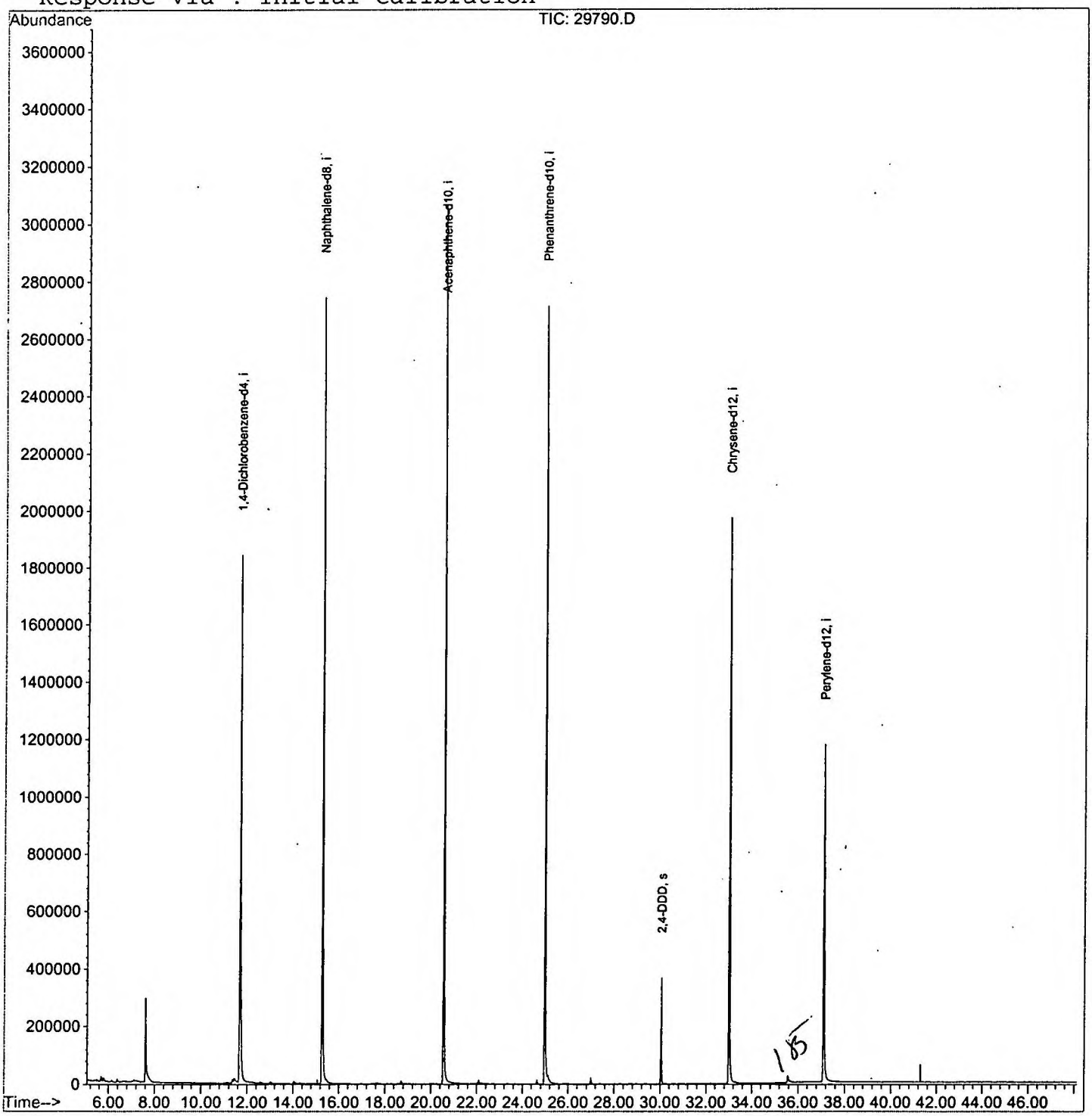
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29790.D
Acq On : 16 Dec 2001 12:56 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 16 1:45 2001

Vial: 24
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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29790.D Vial: 24
Acq On : 16 Dec 2001 12:56 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

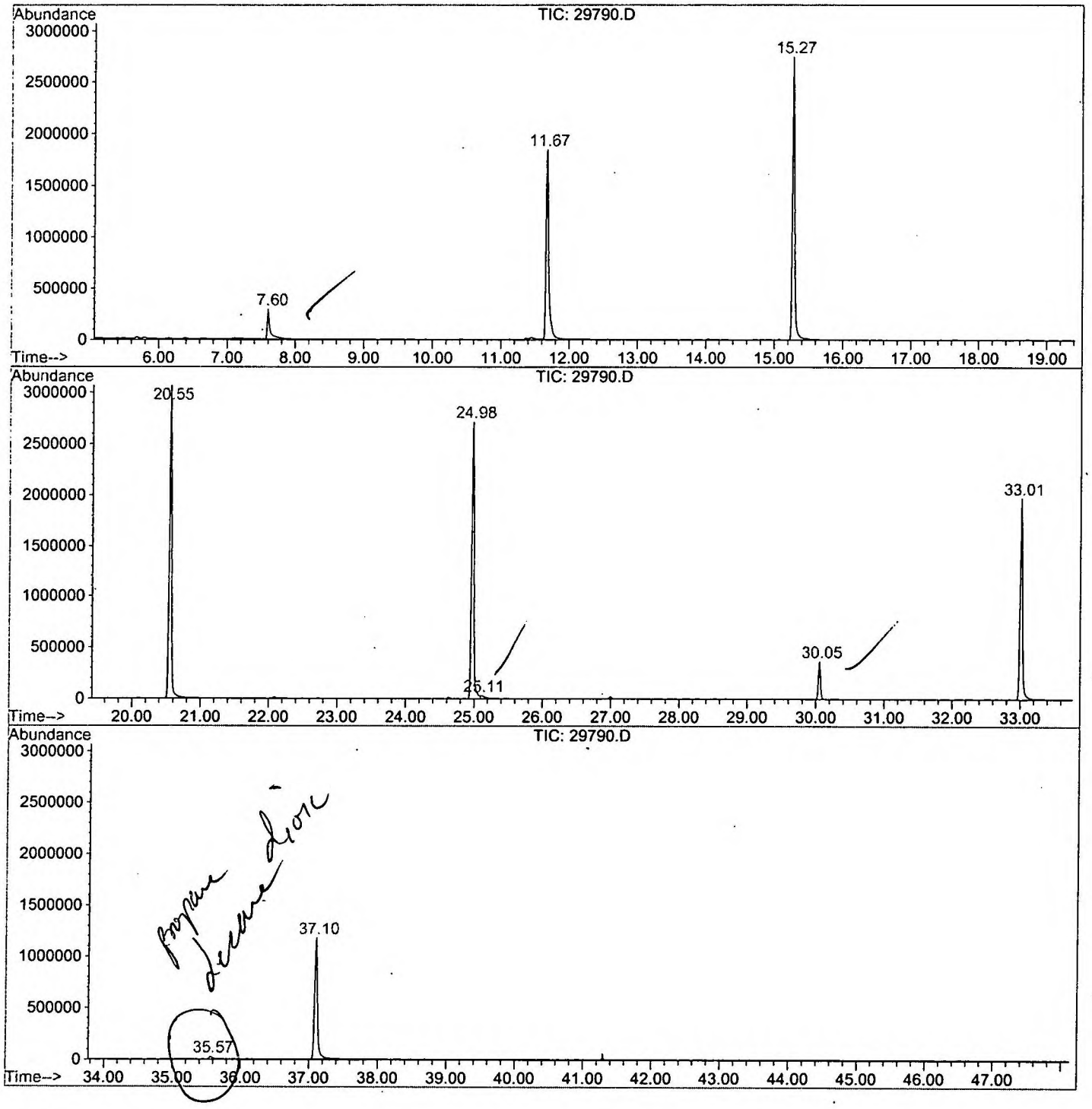
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	308	rBV	290678	850597	12.49%	2.474%
2	11.675	717	722	746	rBV	1839037	4852175	71.26%	14.115%
3	15.274	1109	1114	1132	rBV	2743445	6216679	91.30%	18.085%
4	20.552	1683	1689	1720	rBV	3065200	6808734	100.00%	19.807%
5	24.977	2164	2171	2184	rBV2	2714924	6375157	93.63%	18.546%
6	25.115	2184	2186	2203	rVB3	27191	117372	1.72%	0.341%
7	30.054	2718	2724	2734	rBV	366498	766772	11.26%	2.231%
8	33.010	3038	3046	3073	rBV2	1973581	4824328	70.85%	14.034%
9	35.571	3319	3325	3334	rBV2	23926	84765	1.24%	0.247%
10	37.104	3484	3492	3510	rBV2	1175132	3479140	51.10%	10.121%

Sum of corrected areas: 34375719

29790.D GCMS1126.M Fri Dec 28 13:25:34 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29790.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 12:56 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10 a
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



29790.D GCMS1126.M Fri Dec 28 13:25:41 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29790.D Vial: 24
Acq On : 16 Dec 2001 12:56 am Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

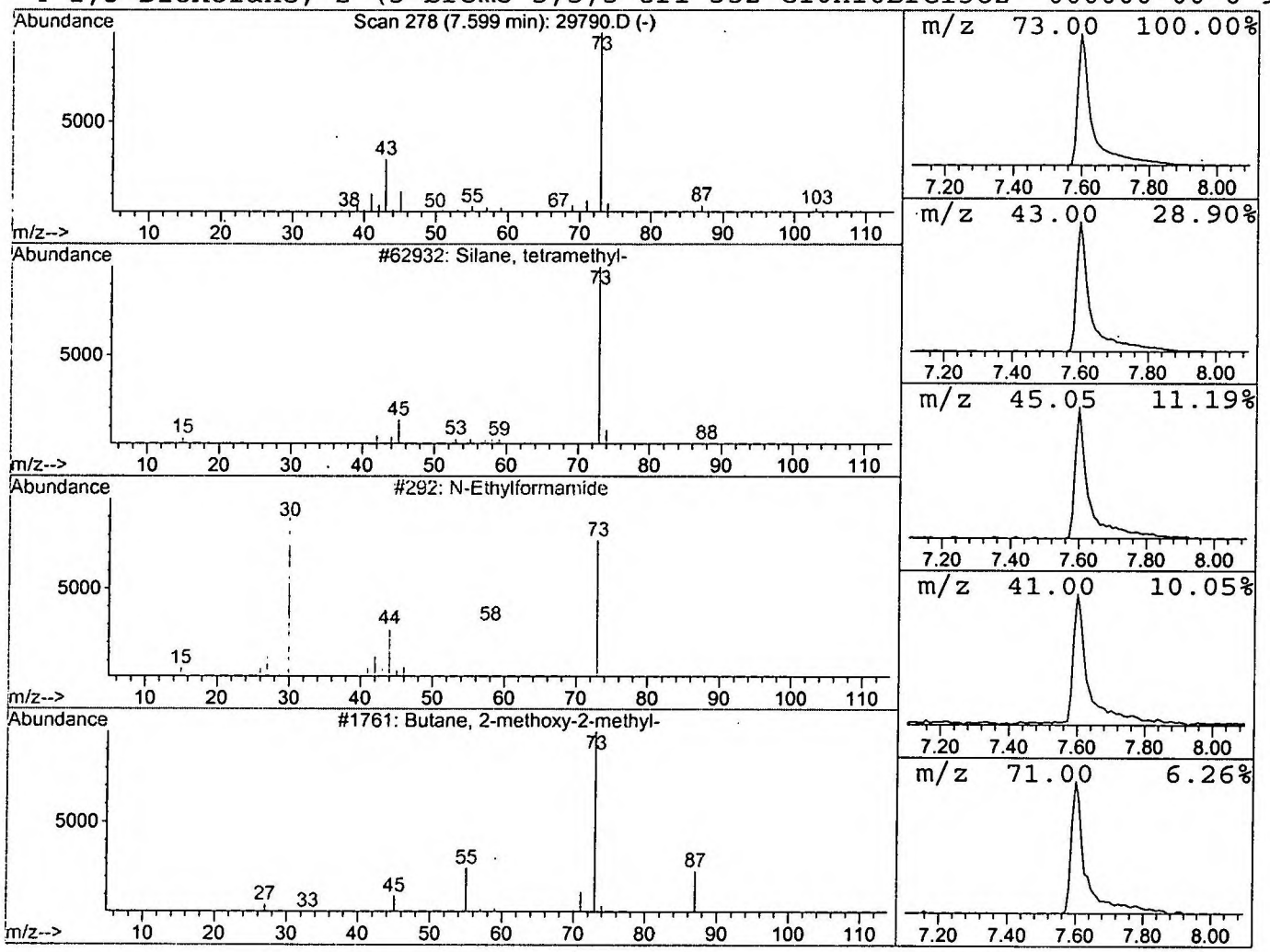
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.51 ug/l	850597	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29790.D
Acq On : 16 Dec 2001 12:56 am
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

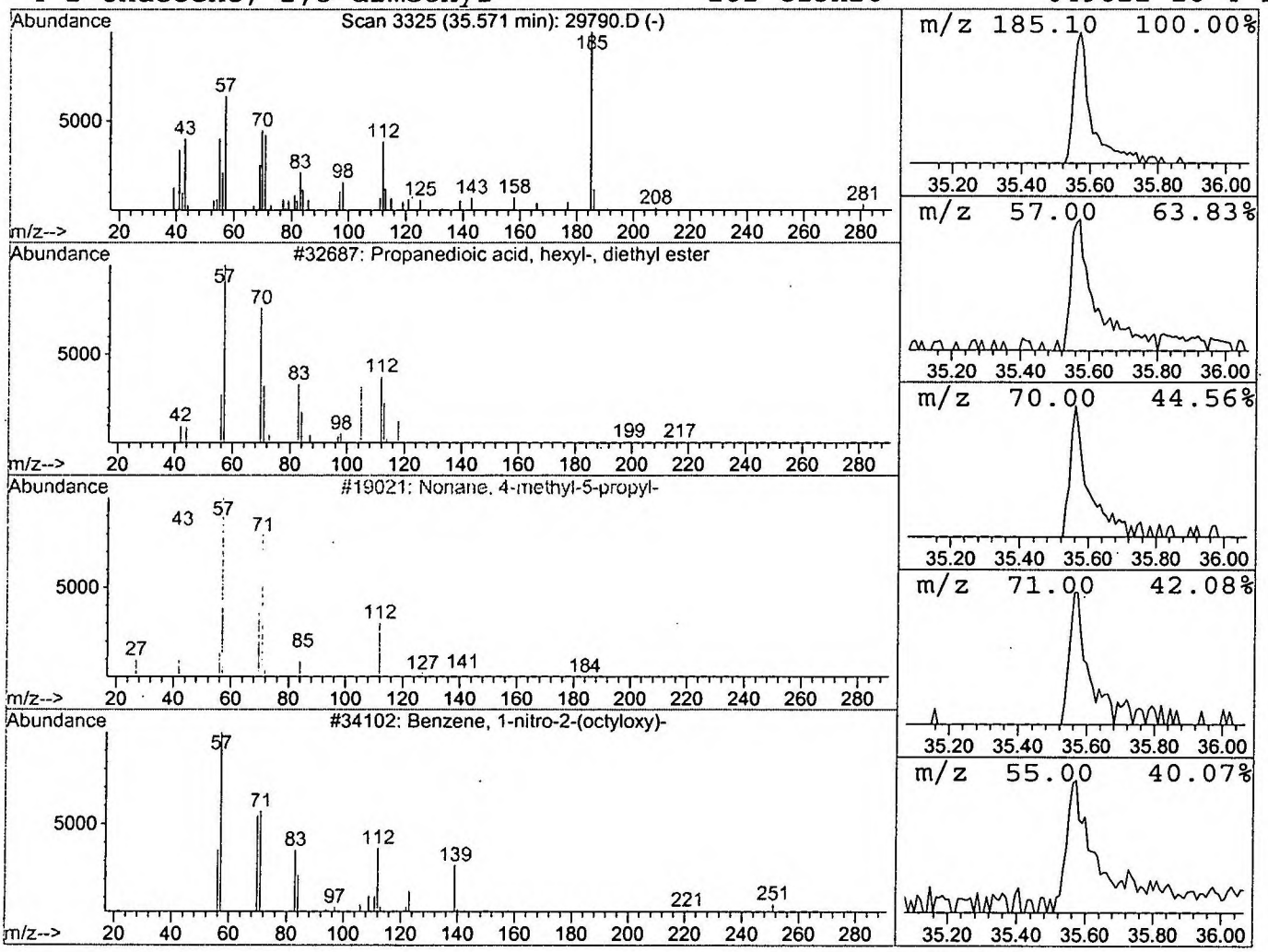
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanedioic acid, hexyl-, die Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	0.49 ug/l	84765	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	27
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	17
3	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	12
4	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 12:56 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29790.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
Silane, tetramethyl-	7.60	3.5	ug/l	850597	ISTD01	11.67	4852180	20.0
Propanedioic acid, h	35.57	0.5	ug/l	84765	ISTD06	37.10	3479140	20.0

29790.D GCMS1126.M Fri Dec 28 13:25:54 2001