Comments for Sample AD29521 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 14:38:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:37:26

Sample: AD29521
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 14:36 Ended: 1/4/02 14:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29521.D Vial: 8
Acq On : 13 Dec 2001 4:42 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:31 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1134233	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	4393231	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2170436	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3105250	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1955689	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1298508	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	164596	3.66	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 73.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	13.54	77	107	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	3511	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.32	165	175	N.D.		
25) Diethylphthalate	22.07	149	853	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.20	166	186	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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Acq On : 13 Dec 2001 4:42 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:31 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

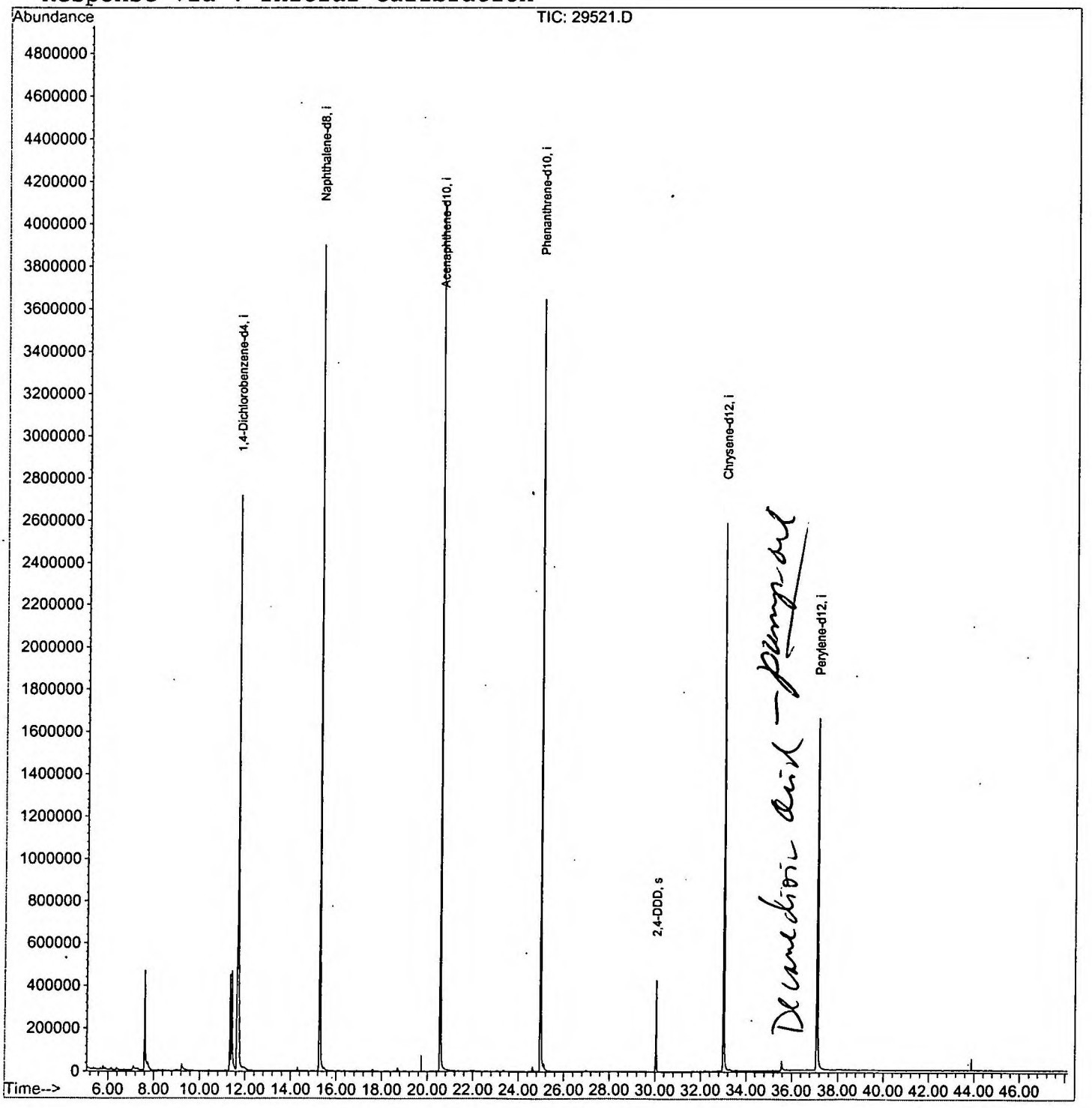
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	3240	N.D.	
34)	Anthracene	25.04	178	3240	N.D.	
35)	Di-n-butylphthalate	26.99	149	9157	N.D.	
36)	Fluoranthene	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	4834	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	4444	N.D.	
43)	Chrysene	33.01	228	4834	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	5416	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\DEC1301\29521.D Vial: 8
Acq On : 13 Dec 2001 4:42 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:31 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\DEC1301\29521.D Vial: 8
Acq On : 13 Dec 2001 4:42 pm Operator: 209 GALOS
Sample : gcms scan 12/6 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

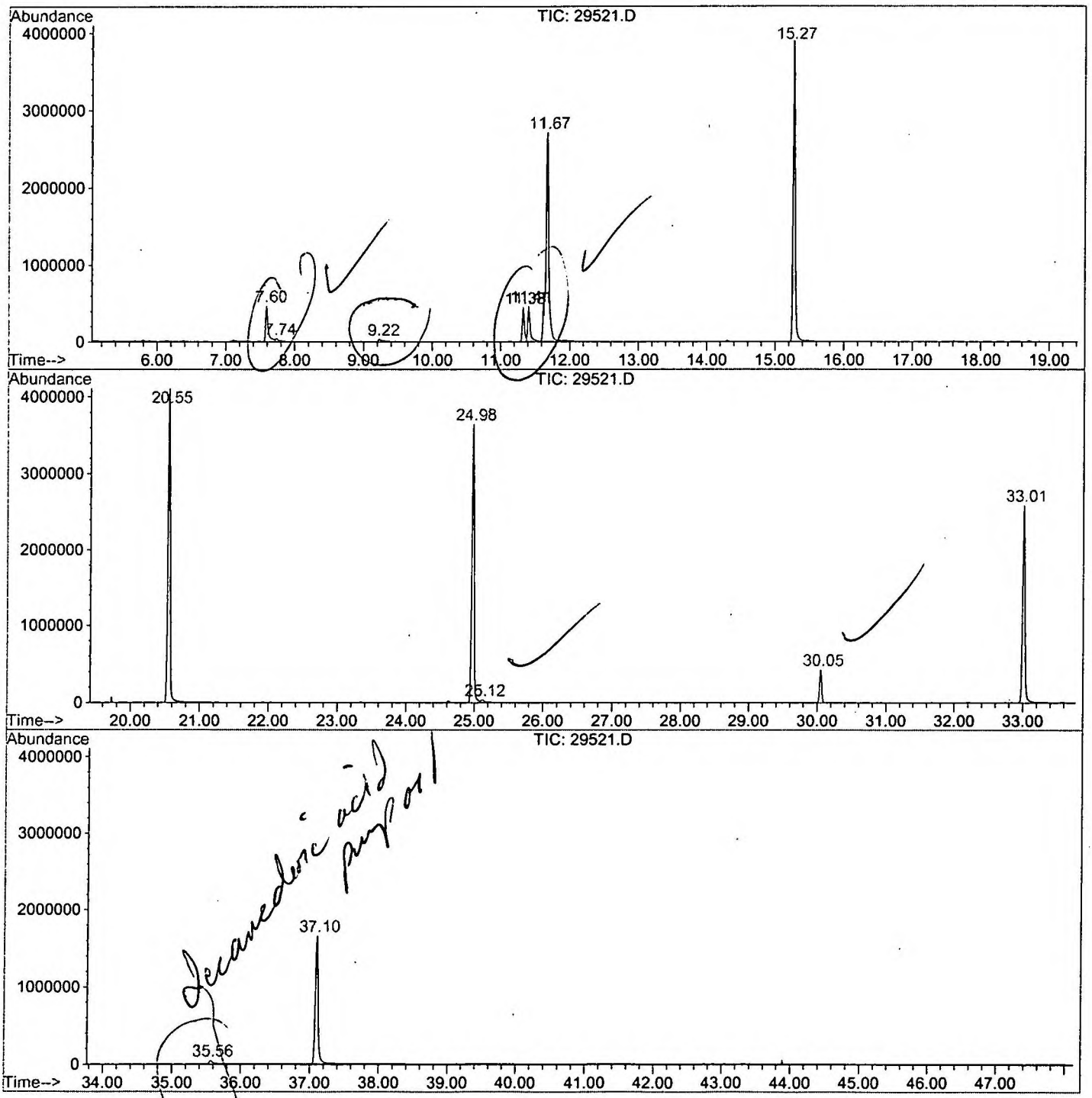
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	273	278	291	rBV	467945	1204405	13.55%	2.457%
2	7.736	291	293	310	rVB	38968	151644	1.71%	0.309%
3	9.224	452	455	473	rBV	32881	146270	1.65%	0.298%
4	11.326	680	684	690	rBV	445445	927959	10.44%	1.893%
5	11.409	690	693	713	rVB	460493	1130127	12.71%	2.305%
6	11.675	713	722	739	rBV2	2710236	7810789	87.85%	15.934%
7	15.273	1108	1114	1133	rBV	3898789	8353163	93.95%	17.041%
8	20.552	1682	1689	1708	rBV	4106239	8890969	100.00%	18.138%
9	24.977	2164	2171	2183	rBV2	3644601	8325006	93.63%	16.983%
10	25.124	2183	2187	2196	rVB	32261	102019	1.15%	0.208%
11	30.054	2718	2724	2731	rBV	425813	908779	10.22%	1.854%
12	33.010	3037	3046	3068	rBV2	2584343	6176550	69.47%	12.600%
13	35.562	3319	3324	3335	rBV2	46302	154754	1.74%	0.316%
14	37.104	3484	3492	3513	rBV2	1653622	4736988	53.28%	9.663%

Sum of corrected areas: 49019422

29521.D GCMS1126.M Fri Dec 21 13:15:06 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\29521.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 4:42 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/6
Misc Info :
Vial Number: 8
Quant File :GCMS1126.RES (RTE Integrator)



29521.D GCMS1126.M Fri Dec 21 13:15:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29521.D
Acq On : 13 Dec 2001 4:42 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

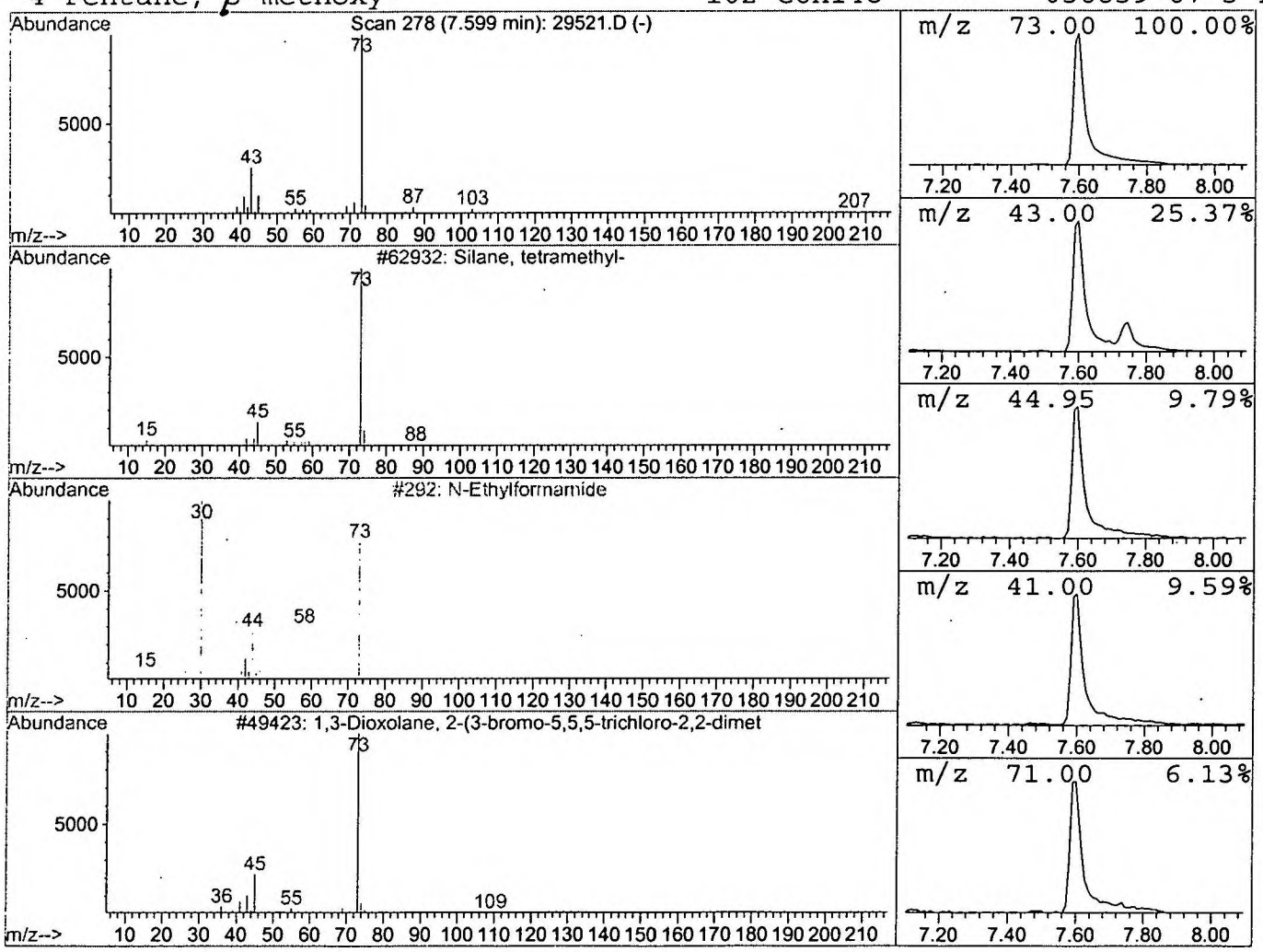
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.08 ug/l	1204410	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29521.D
Acq On : 13 Dec 2001 4:42 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

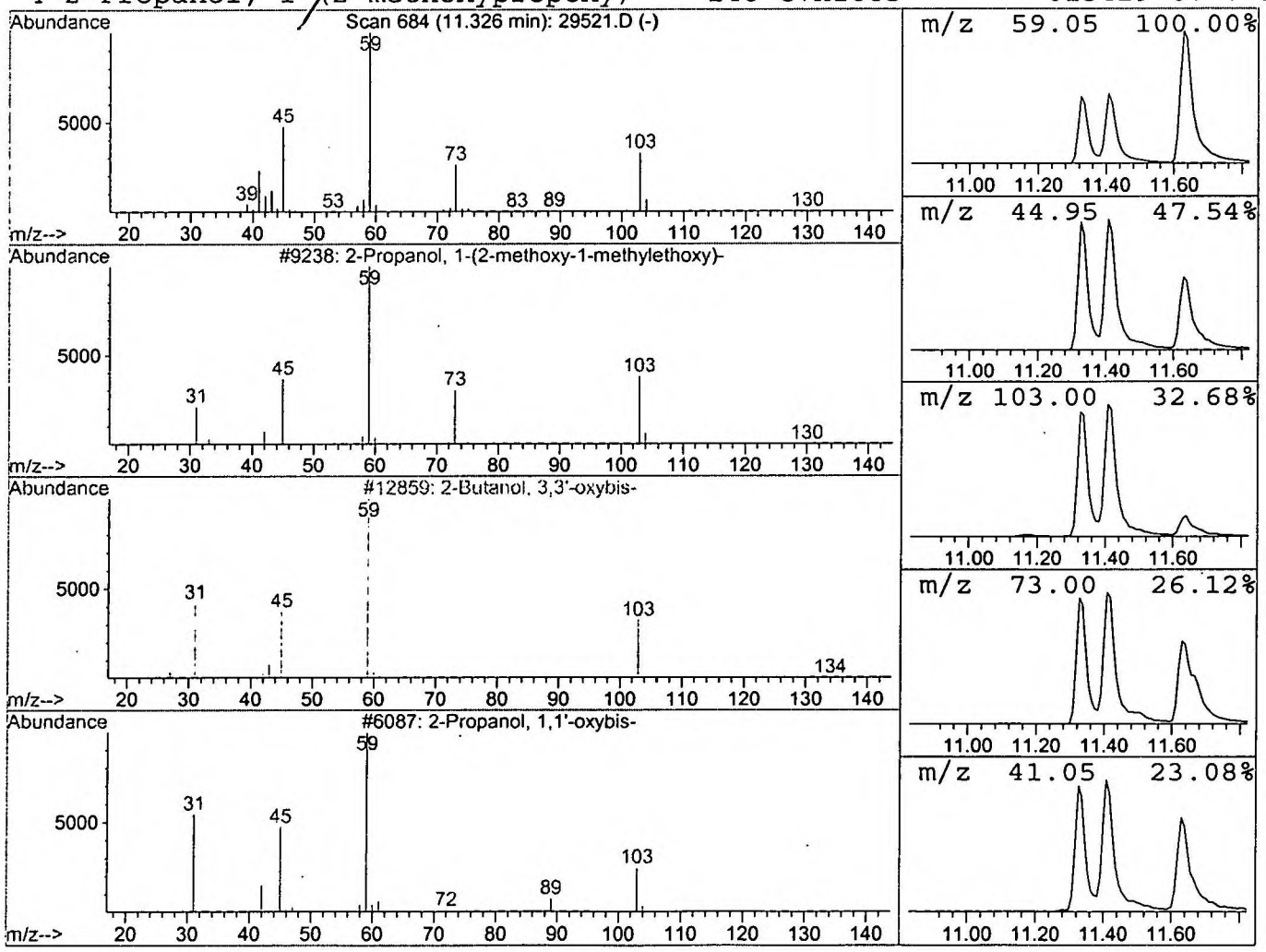
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.38 ug/l	927959	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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29521.D
Acq On : 13 Dec 2001 4:42 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

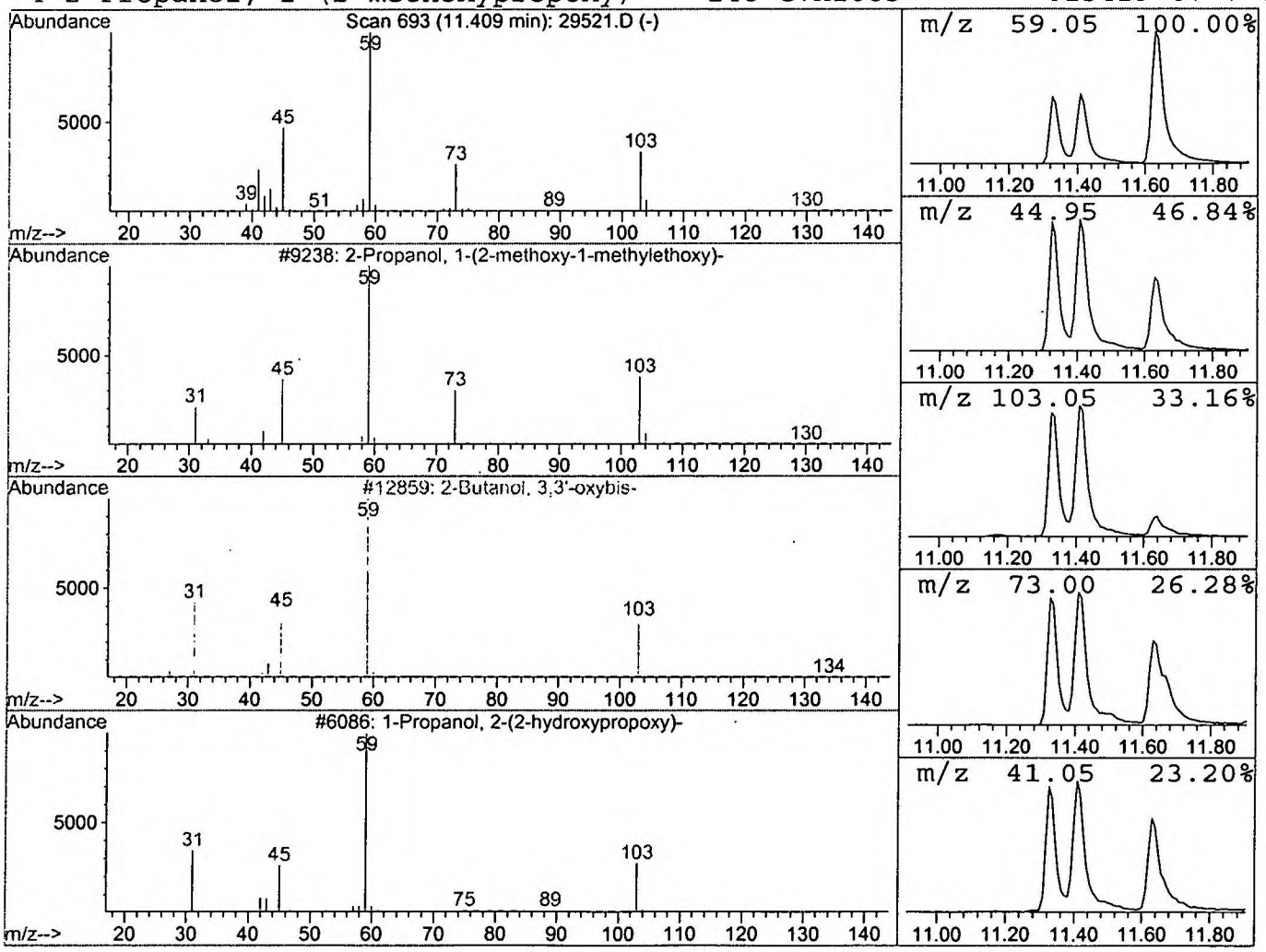
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.89 ug/l	1130130	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	53
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29521.D Vial: 8
Acq On : 13 Dec 2001 4:42 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

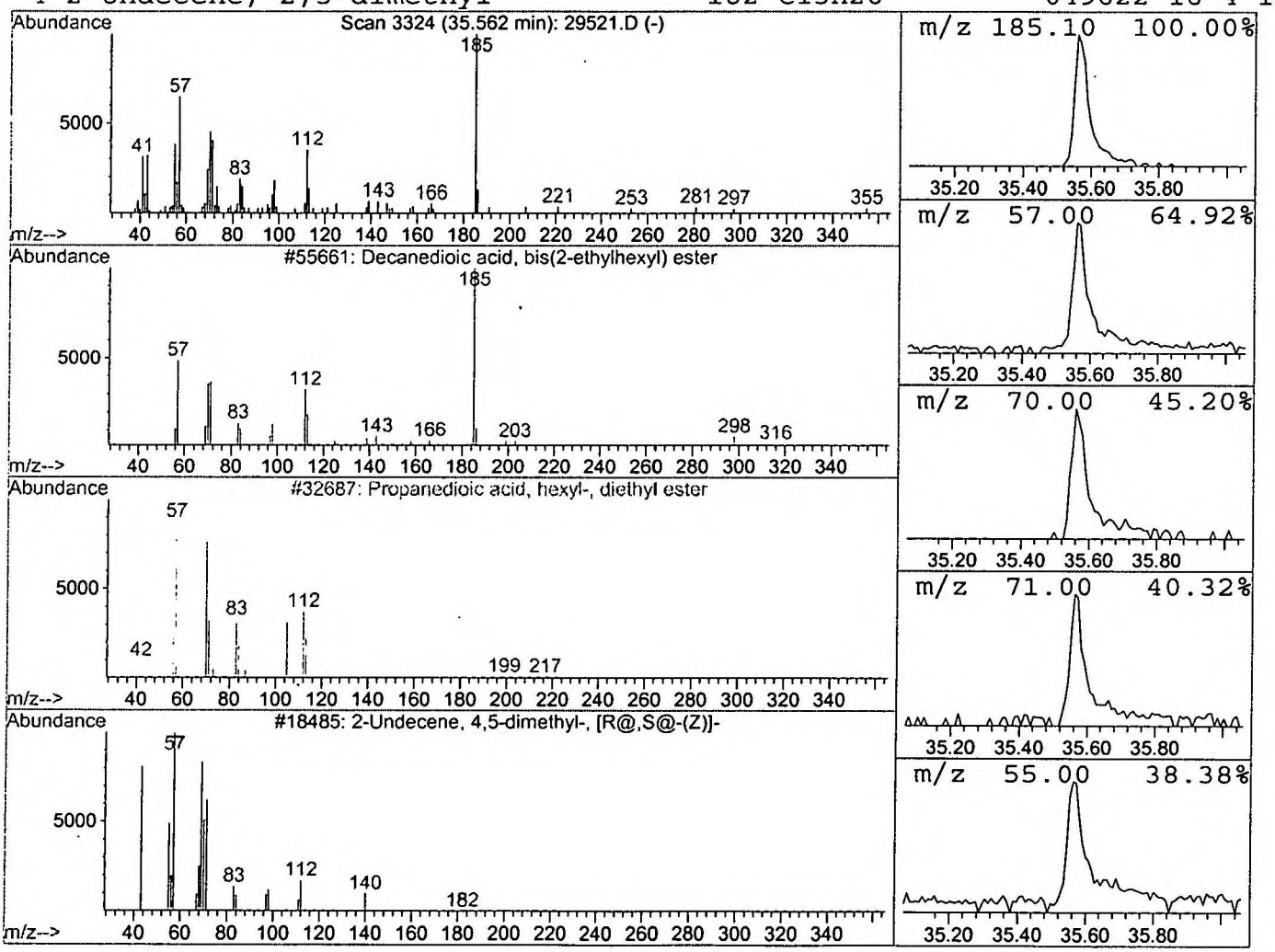
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Decanedioic acid, bis(2-ethylh Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.56	0.65 ug/l	154754	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	90
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	27
3	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	17
4	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	16



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 4:42 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\29521.D
Name: gcms scan 12/6
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	3.1	ug/l	1204410	ISTD01	11.67	7810790	20.0
2-Propanol, 1-(2-met	11.33	2.4	ug/l	927959	ISTD01	11.67	7810790	20.0
2-Propanol, 1-(2-met	11.41	2.9	ug/l	1130130	ISTD01	11.67	7810790	20.0
Decanedioic acid, bi	35.56	0.7	ug/l	154754	ISTD06	37.10	4736990	20.0

29521.D GCMS1126.M Fri Dec 21 13:15:34 2001