User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 09:17:16

Sample: AE04028
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 09:16 Ended: 3/29/02 09:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE04028 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 09:17:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance limits. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4028.D Vial: 34
Acq On : 24 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 9:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	421812	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1714113	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	959199	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1423689	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	913889	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	543767	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	85244	~~8.24~~ 5.19	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~164.80%~~ 103.8%		
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	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	15.95	128	544	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.69	149	909	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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Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

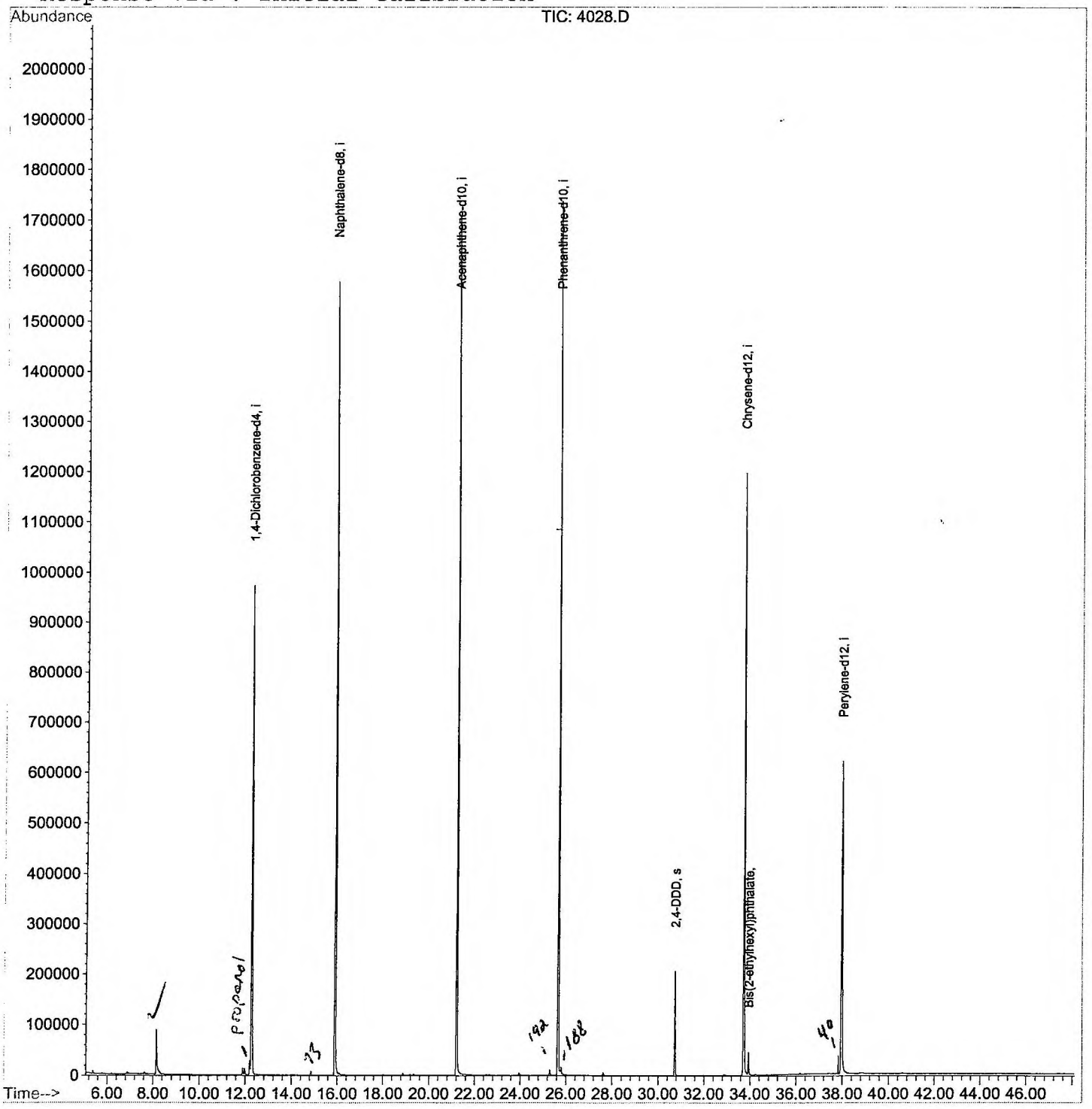
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	247	N.D.	
34)	Anthracene	25.72	178	247	N.D.	
35)	Di-n-butylphthalate	27.62	149	8053	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.16	149	512	N.D.	
41)	Benzo(a)anthracene	33.73	228	2990	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	28112	0.77 ug/l	93
43)	Chrysene	33.79	228	703	N.D.	
45)	Di-n-Octylphthalate	35.66	149	189	N.D.	
46)	Benzo(b)fluoranthene	36.84	252	1236	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	502	N.D.	
48)	Benzo(a)pyrene	37.97	252	2515	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\MAR2202\4028.D Vial: 34
Acq On : 24 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 9:54 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4028.D Vial: 34
Acq On : 24 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

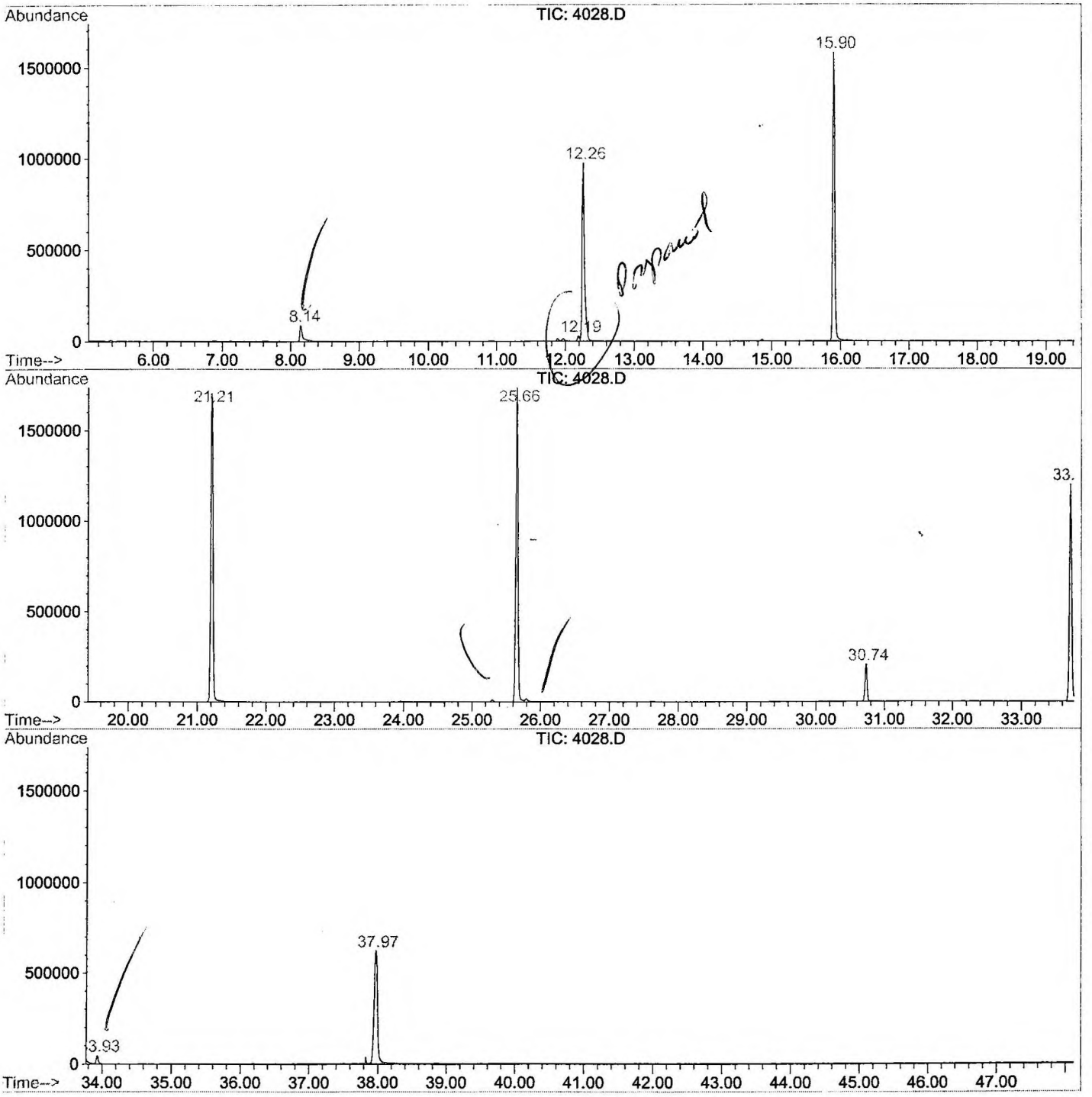
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.143	333	337	350	rBV	86813	229726	6.28%	1.264%
2	12.191	774	778	781	rBV	28806	61683	1.69%	0.339%
3	12.265	781	786	800	rVB	972090	2318042	63.41%	12.754%
4	15.900	1176	1182	1200	rBV	1577843	3243338	88.72%	17.845%
5	21.206	1754	1760	1772	rBV	1705836	3655901	100.00%	20.114%
6	25.659	2238	2245	2257	rBV	1737816	3587237	98.12%	19.737%
7	30.735	2792	2798	2803	rBV	207197	428825	11.73%	2.359%
8	33.719	3116	3123	3139	rBV2	1197822	2671318	73.07%	14.697%
9	33.930	3141	3146	3157	rVB	44575	98148	2.68%	0.540%
10	37.969	3577	3586	3601	rBV2	621037	1881339	51.46%	10.351%

Sum of corrected areas: 18175557

4028.D GCMS0308.M Tue Mar 26 10:41:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4028.D
Operator :
Acquired : 24 Mar 2002 2:39 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 34
Quant File :GCMS0308.RES (RTE Integrator)



4028.D GCMS0308.M Tue Mar 26 10:41:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4028.D Vial: 34
Acq On : 24 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

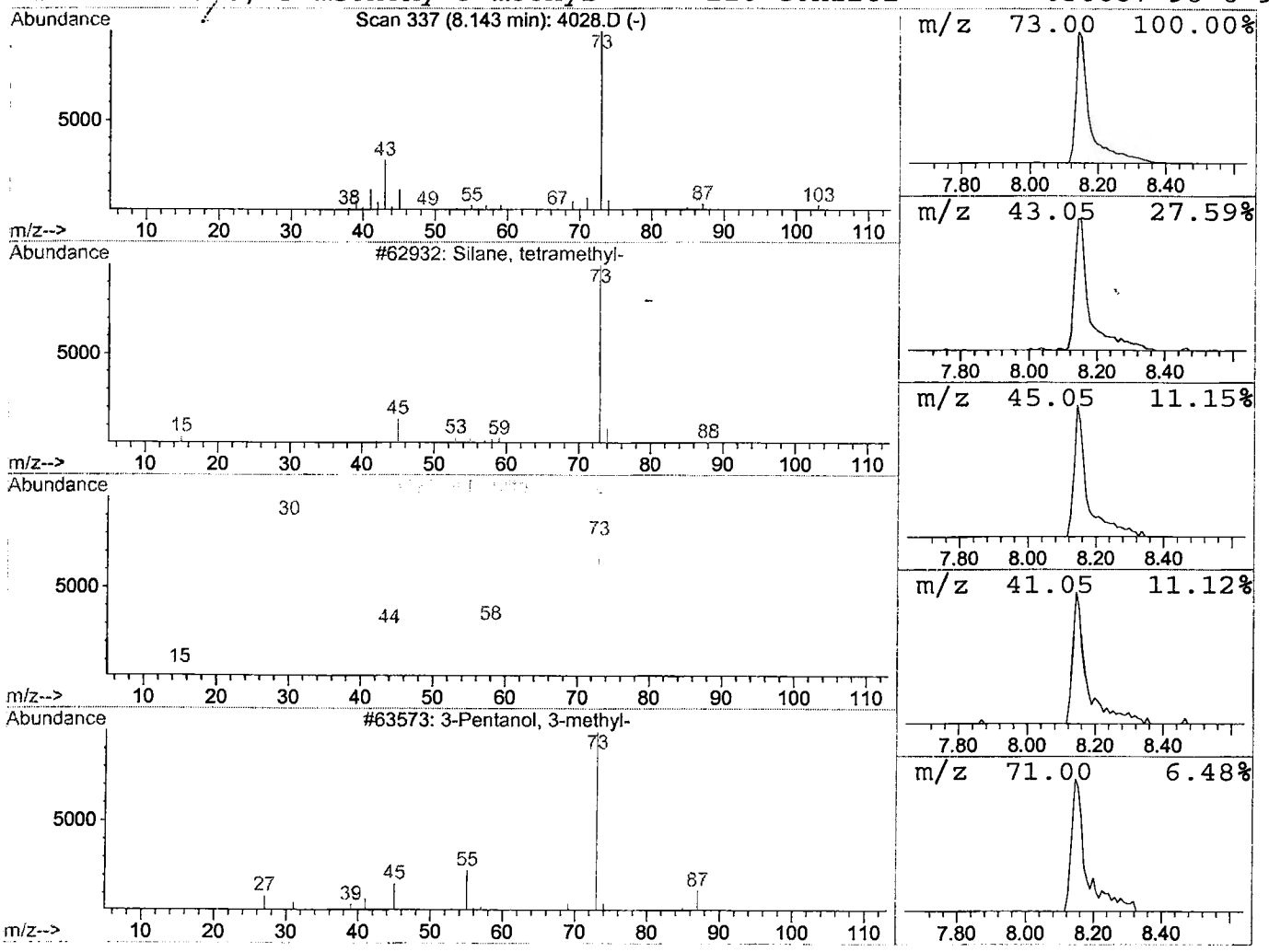
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.98 ug/l	229726	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4028.D Vial: 34
Acq On : 24 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

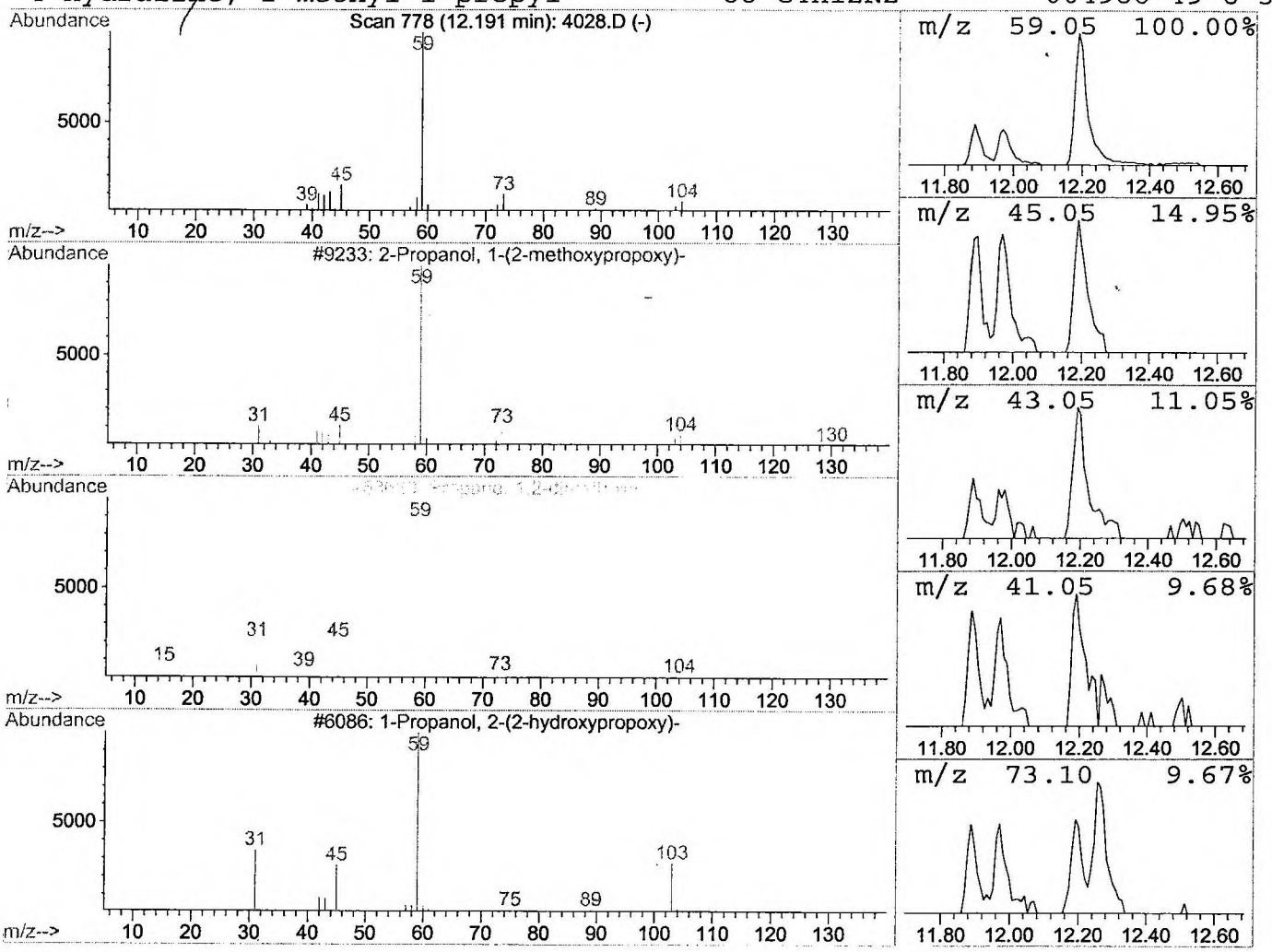
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxypropox Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	0.53 ug/l	61683	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	39
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	38
4	Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 2:39 am
Data File: C:\HPCHEM\1\DATA\MAR2202\4028.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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-	8.14	2.0	ug/l	229726	ISTD01	12.26	2318040	20.0
2-Propanol, 1-(2-met	12.19	0.5	ug/l	61683	ISTD01	12.26	2318040	20.0

4028.D GCMS0308.M Tue Mar 26 10:41:57 2002