User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 11:55:56

Sample: AE04413
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 11:55 Ended: 4/3/02 11:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE04413 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 11:56:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:21 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	497649	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1917647	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1040678	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1483443	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	782668	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	453881	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	98387	~~8.10~~ 5.33	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~162.00%~~ 107%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.61	74	100	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	364	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	22.67	149	1139	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\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:21 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

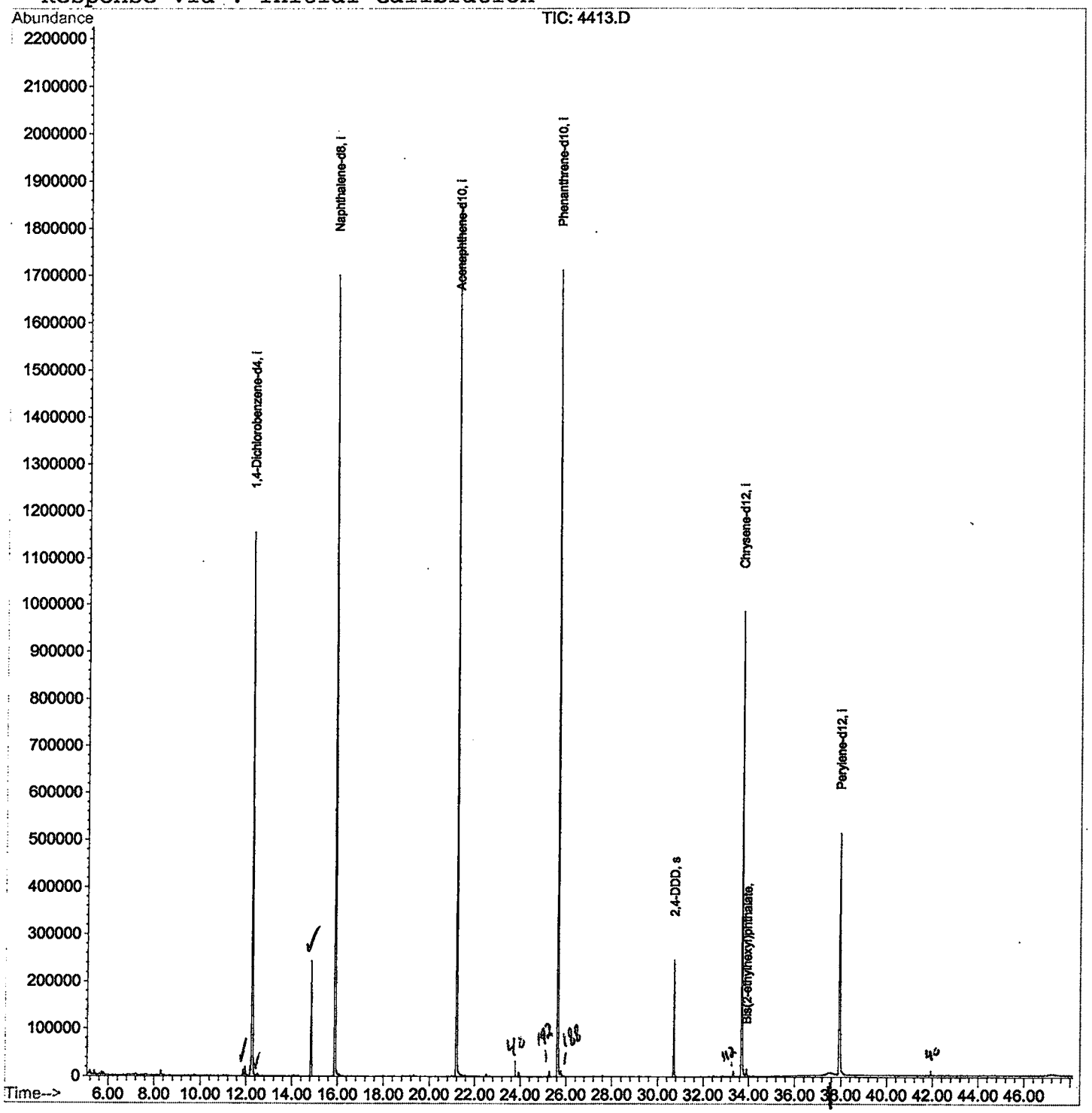
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.64	178	471	N.D.	
34) Anthracene	25.64	178	471	N.D.	
35) Di-n-butylphthalate	27.60	149	4101	N.D.	
36) Fluoranthene	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	33.69	228	1969	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.91	149	8952	0.29 ug/l #	96
43) Chrysene	33.69	228	1969	N.D.	
45) Di-n-Octylphthalate	35.66	149	584	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	37.94	252	1661	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\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:21 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 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

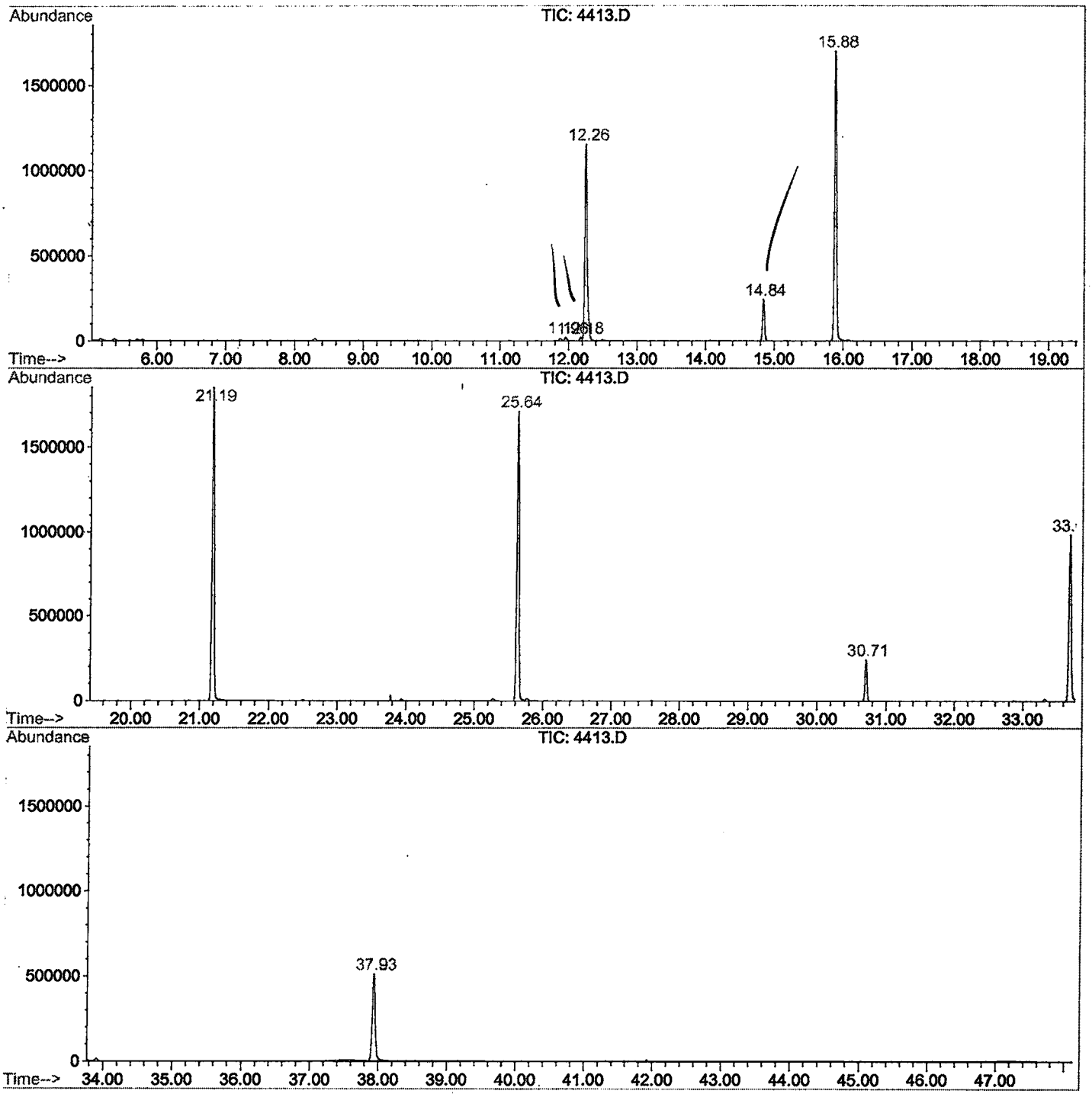
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.961	749	753	759	rVB	19056	40742	1.03%	0.216%
2	12.182	772	777	779	rBV	20034	40658	1.03%	0.216%
3	12.255	779	785	799	rVB	1153689	2734920	69.20%	14.522%
4	14.844	1060	1067	1074	rBV	242865	476281	12.05%	2.529%
5	15.881	1174	1180	1198	rBV	1699870	3605034	91.22%	19.143%
6	21.188	1752	1758	1776	rBV	1853155	3951952	100.00%	20.985%
7	25.640	2236	2243	2253	rBV2	1710421	3719044	94.11%	19.748%
8	30.707	2790	2795	2801	rBV	245243	484778	12.27%	2.574%
9	33.691	3113	3120	3132	rBV2	985304	2250137	56.94%	11.948%
10	37.932	3574	3582	3600	rBV2	509367	1528905	38.69%	8.118%

Sum of corrected areas: 18832451

4413.D GCMS0308.M Thu Mar 28 12:36:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2502\4413.D
Operator :
Acquired : 26 Mar 2002 3:57 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/28
Misc Info :
Vial Number: 19
Quant File :GCMS0308.RES (RTE Integrator)



4413.D GCMS0308.M Thu Mar 28 12:36:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

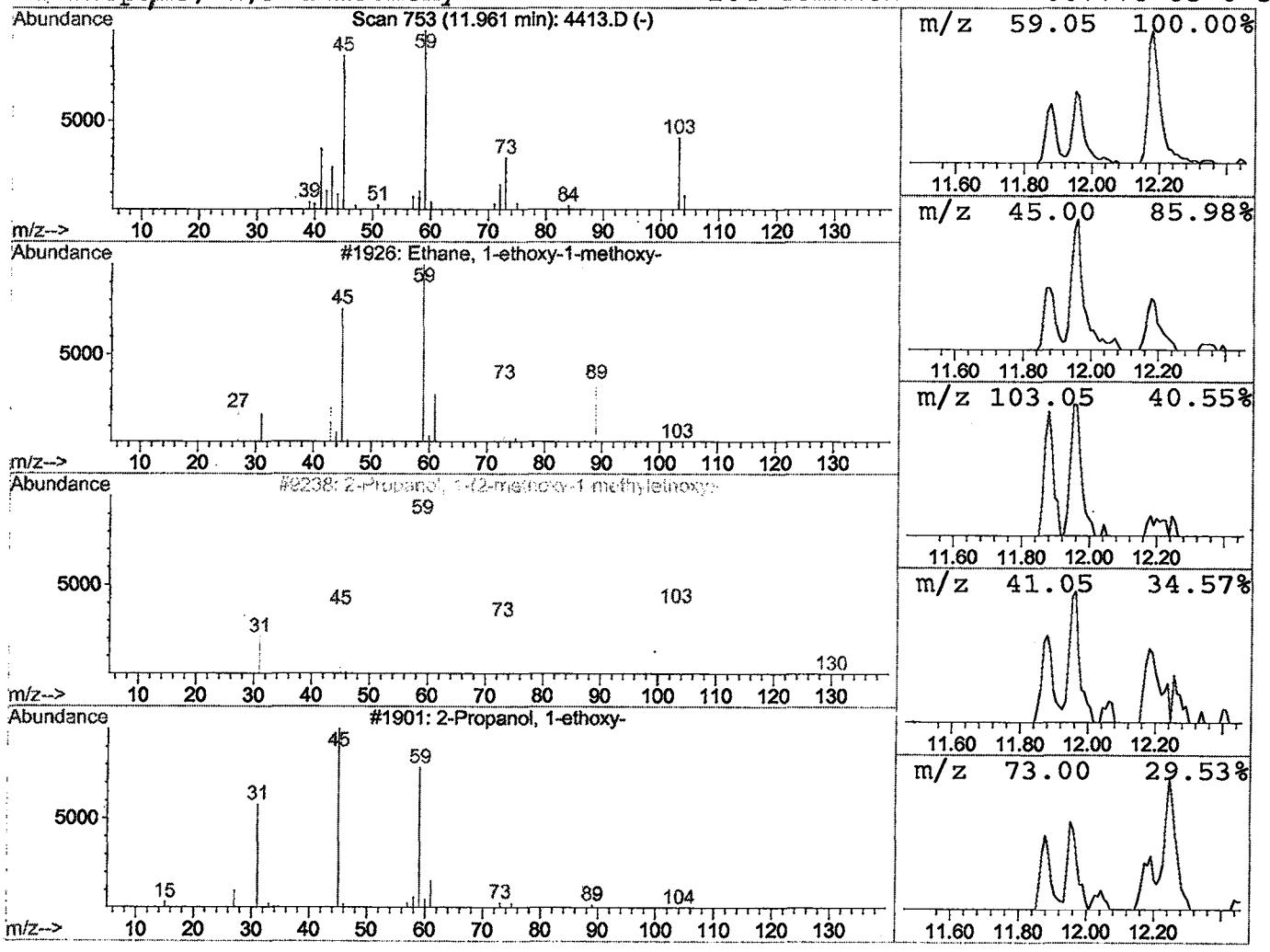
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	0.30 ug/l	40742	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	53
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	53
3	2-Propanol, 1-ethoxy-	104	C5H12O2	001569-02-4	36
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	34



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

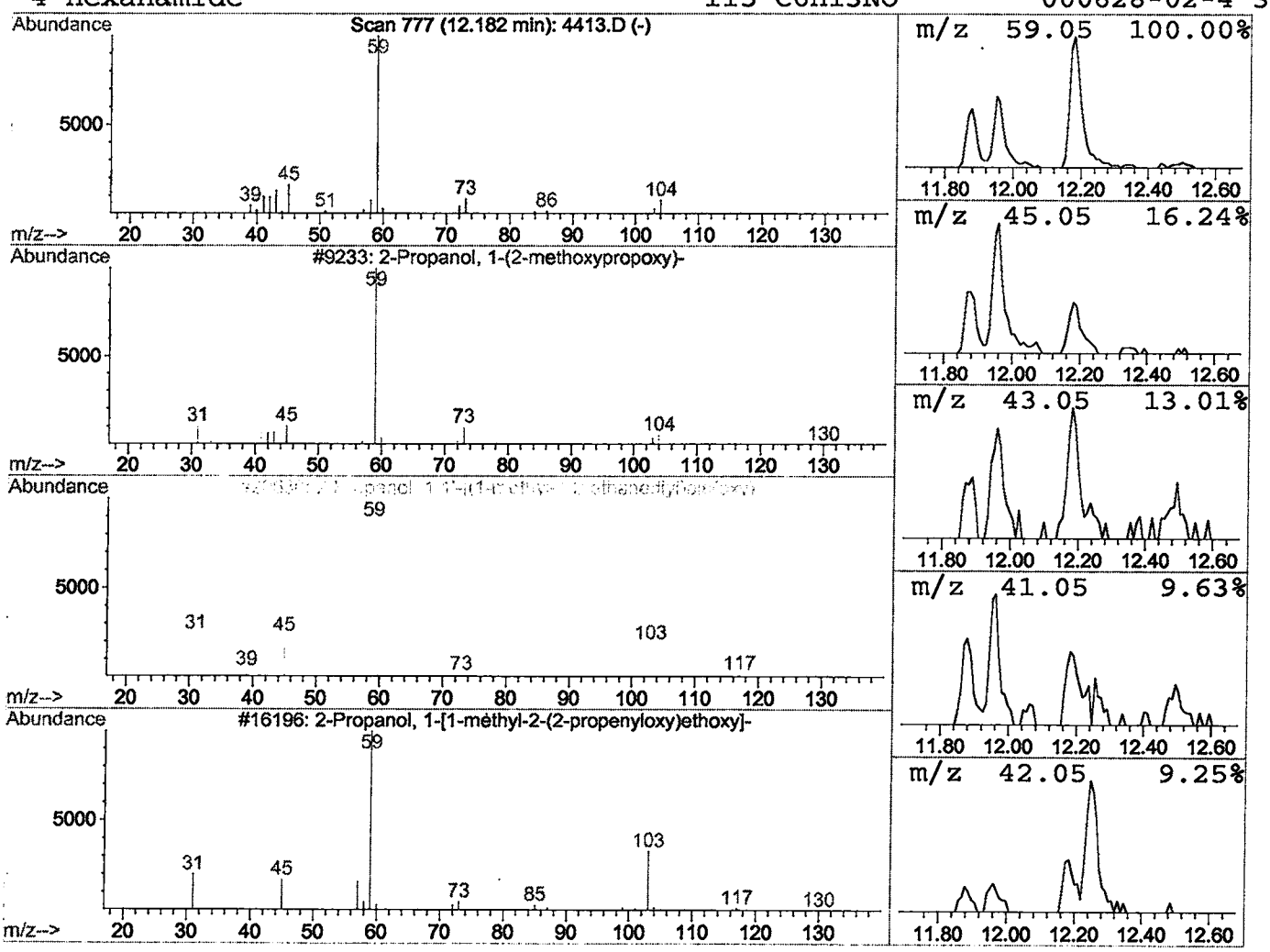
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxypropox Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	0.30 ug/l	40658	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	64
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	40
3	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	39
4	Hexanamide	115	C6H13NO	000628-02-4	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4413.D Vial: 19
Acq On : 26 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

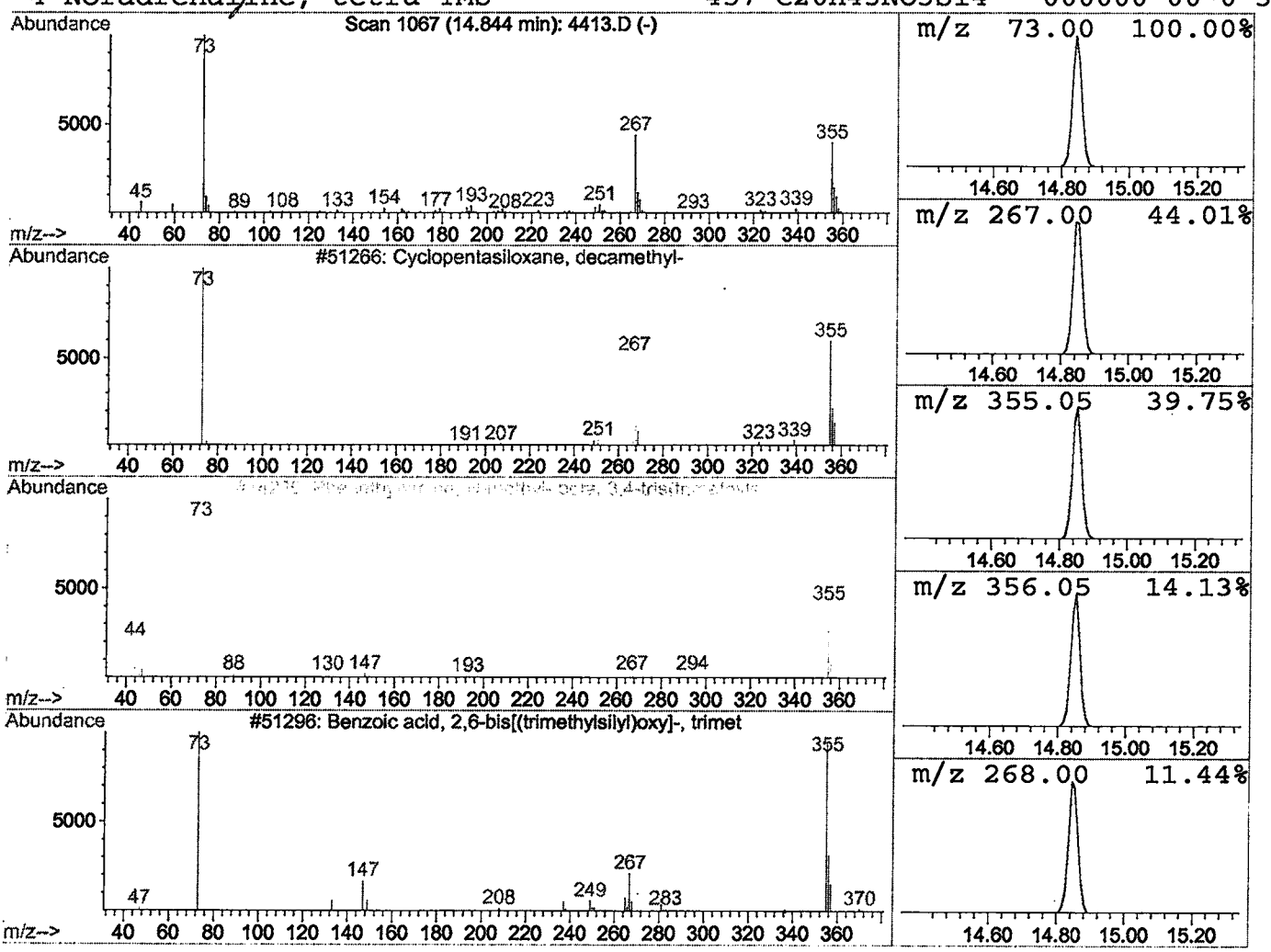
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.64 ug/l	476281	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 3:57 am
Data File: C:\HPCHEM\1\DATA\MAR2502\4413.D
Name: gc/ms scan 2/28
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
Ethane, 1-ethoxy-1-m	11.96	0.3	ug/l	40742	ISTD01	12.26	2734920	20.0
2-Propanol, 1-(2-met	12.18	0.3	ug/l	40658	ISTD01	12.26	2734920	20.0
Cyclopentasiloxane,	14.84	2.6	ug/l	476281	ISTD02	15.89	3605030	20.0

4413.D GCMS0308.M Thu Mar 28 12:36:44 2002