User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:37:01

Sample: AE05745
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:36 Ended: 4/11/02 08:36 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 AE05745 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:38:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5745.D Vial: 24
Acq On : 2 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 0:48 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.24	152	530231	20.00	ug/l	-0.11
10) Naphthalene-d8	15.89	136	1988146	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1116217	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1579855	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	797749	20.00	ug/l	-0.16
44) Perylene-d12	37.93	264	439421	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	85028	5.36	ug/mL	0.21
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.45	74	183	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	15.93	128	387	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	21.53	165	181	N.D.		
25) Diethylphthalate	22.66	149	1387	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\APR0102\5745.D Vial: 24
Acq On : 2 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 0:48 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

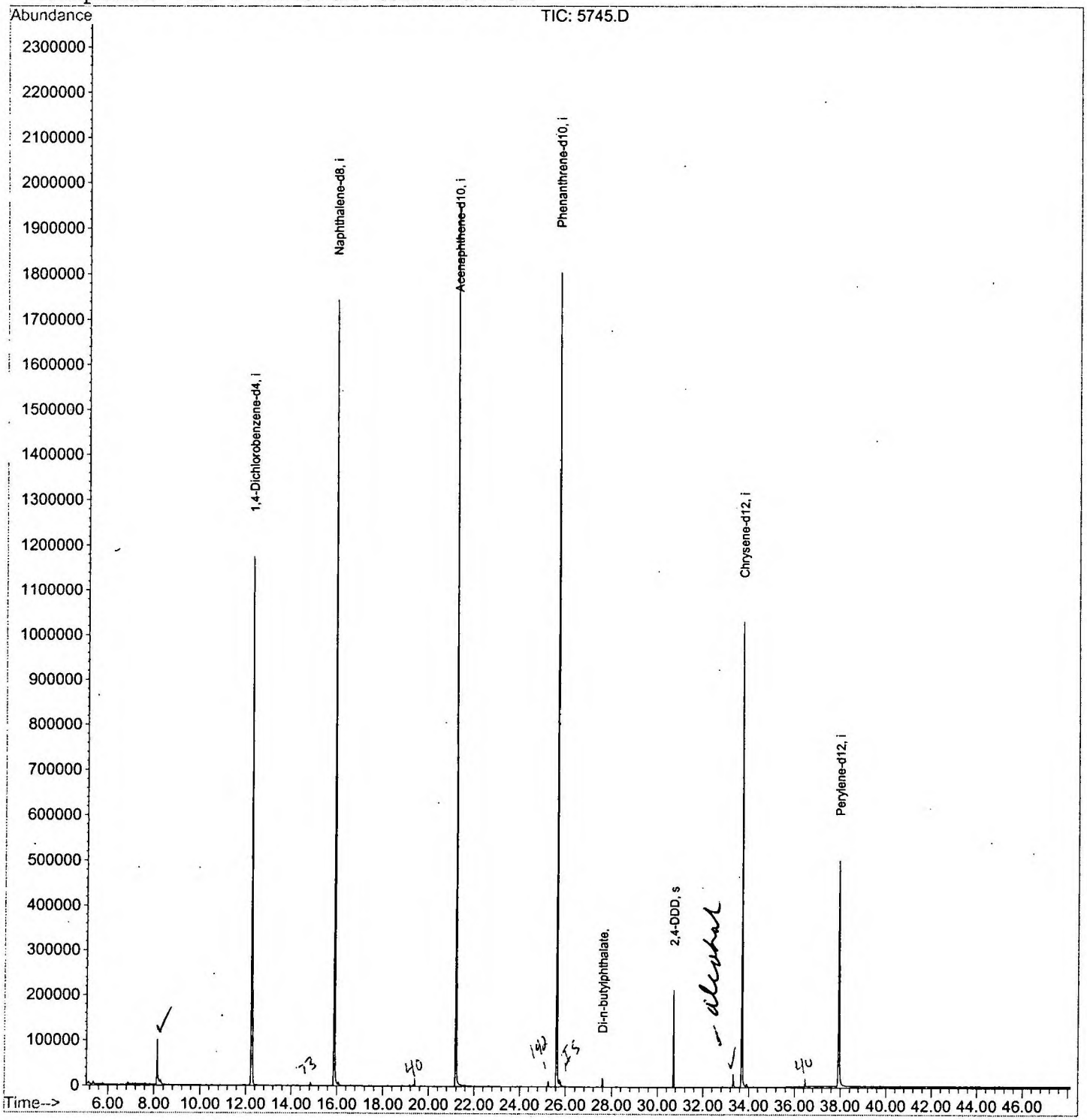
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	612	N.D.	
34)	Anthracene	25.64	178	612	N.D.	
35)	Di-n-butylphthalate	27.59	149	24943	0.29 ug/l	98
36)	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	1981	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	4972	N.D.	
43)	Chrysene	33.69	228	1981	N.D.	
45)	Di-n-Octylphthalate	35.65	149	804	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	1029	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	1323	N.D.	
48)	Benzo(a)pyrene	37.73	252	568	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\APR0102\5745.D Vial: 24
Acq On : 2 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 0:48 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5745.D Vial: 24
Acq On : 2 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

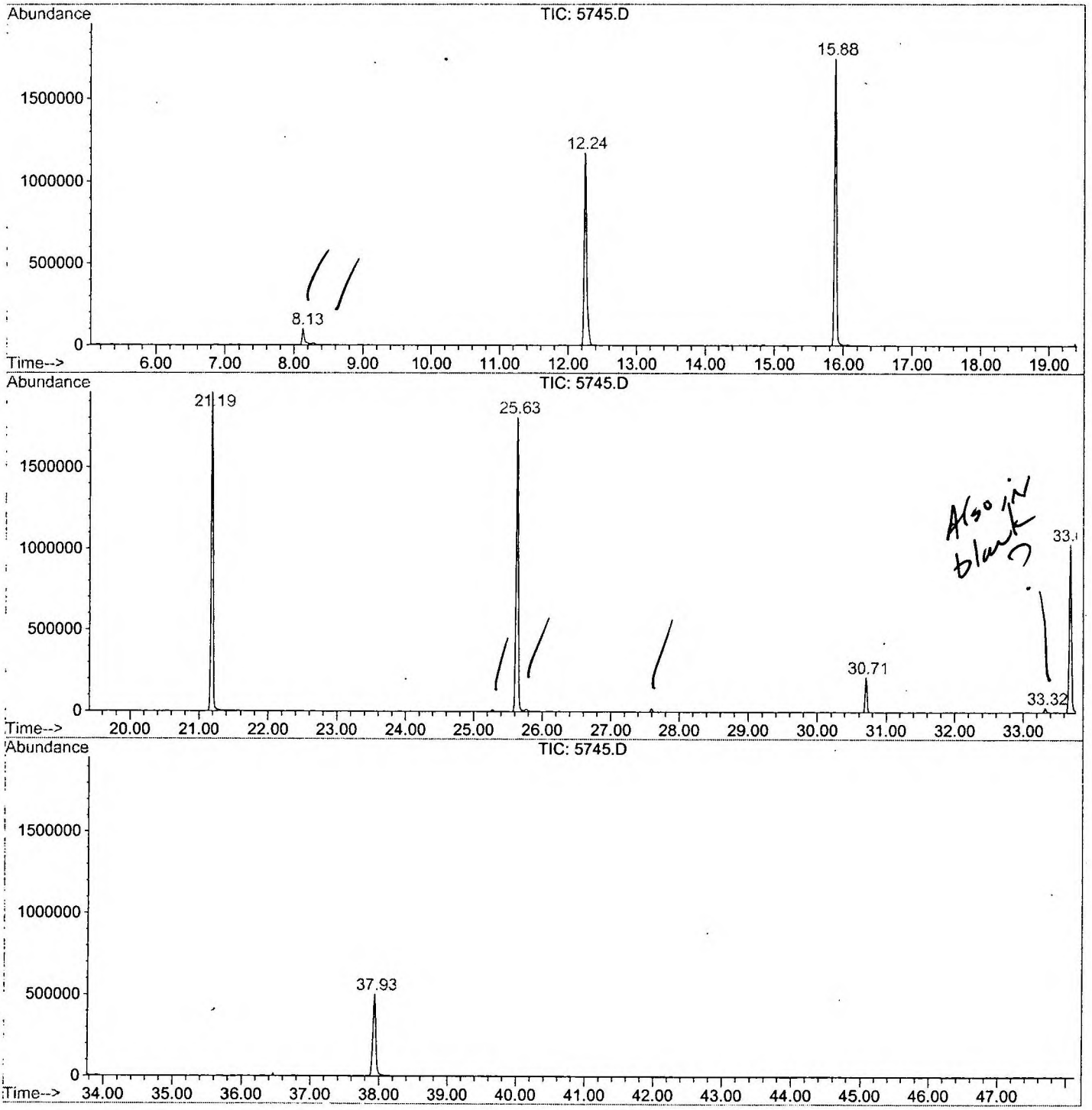
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.131	332	336	345	rBV	99062	232831	5.45%	1.198%
2	12.244	779	784	798	rBV	1171915	2862676	66.96%	14.728%
3	15.879	1174	1180	1197	rBV	1742401	3763671	88.04%	19.364%
4	21.185	1752	1758	1772	rBV	1956895	4275185	100.00%	21.996%
5	25.629	2236	2242	2253	rBV2	1804159	3997416	93.50%	20.566%
6	30.705	2790	2795	2806	rVB	214757	412478	9.65%	2.122%
7	33.322	3076	3080	3091	rBV2	28574	60733	1.42%	0.312%
8	33.689	3113	3120	3138	rBV2	1031929	2325053	54.38%	11.962%
9	37.930	3574	3582	3598	rBV	500843	1506526	35.24%	7.751%

Sum of corrected areas: 19436569

5745.D GCMS0403.M Fri Apr 05 10:37:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5745.D
Operator :
Acquired : 2 Apr 2002 11:59 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 24
Quant File :GCMS0308.RES (RTE Integrator)



5745.D GCMS0403.M Fri Apr 05 10:37:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5745.D
Acq On : 2 Apr 2002 11:59 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

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

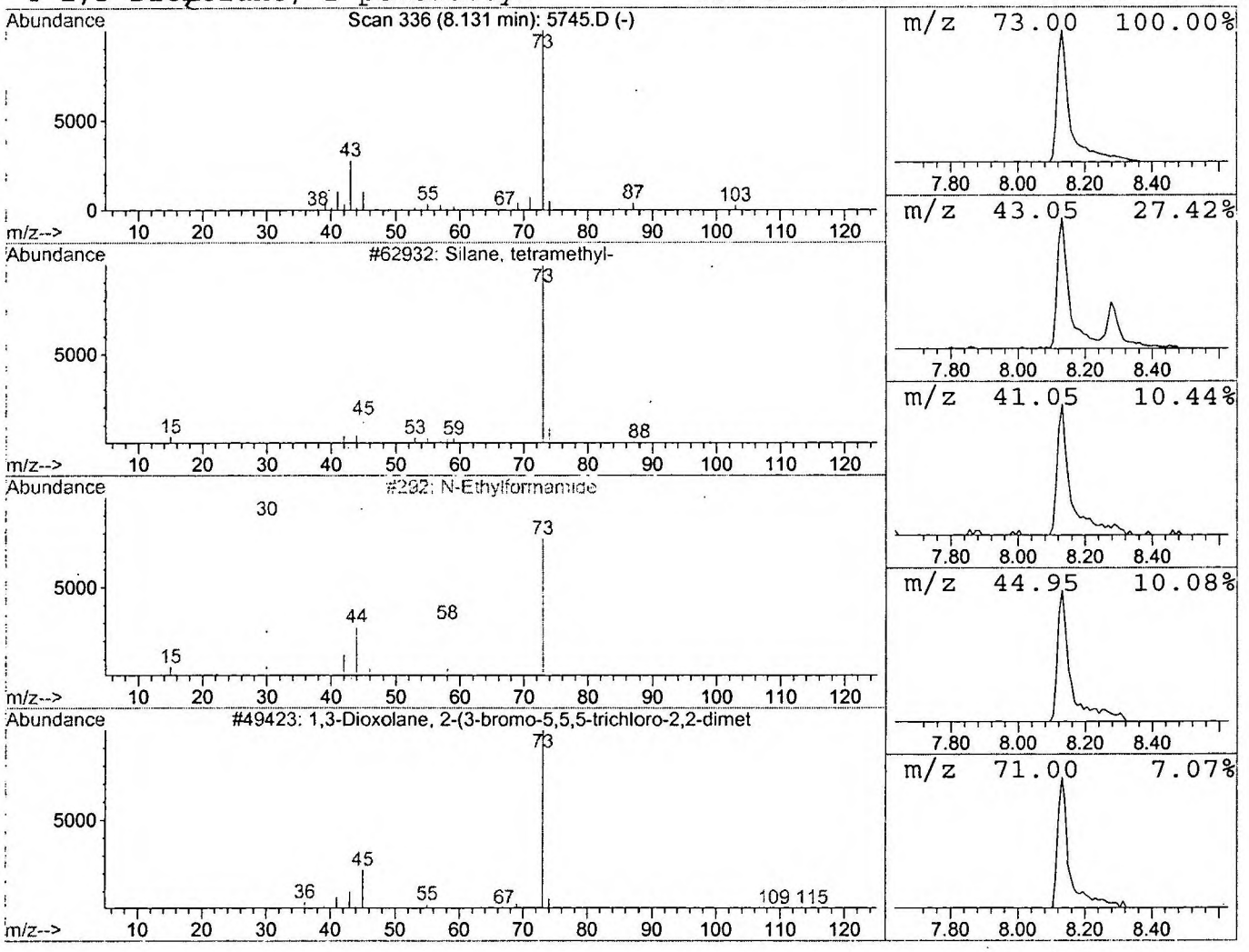
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.63 ug/l	232831	1,4-Dichlorobenzene-d4	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
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	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5745.D Vial: 24
Acq On : 2 Apr 2002 11:59 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

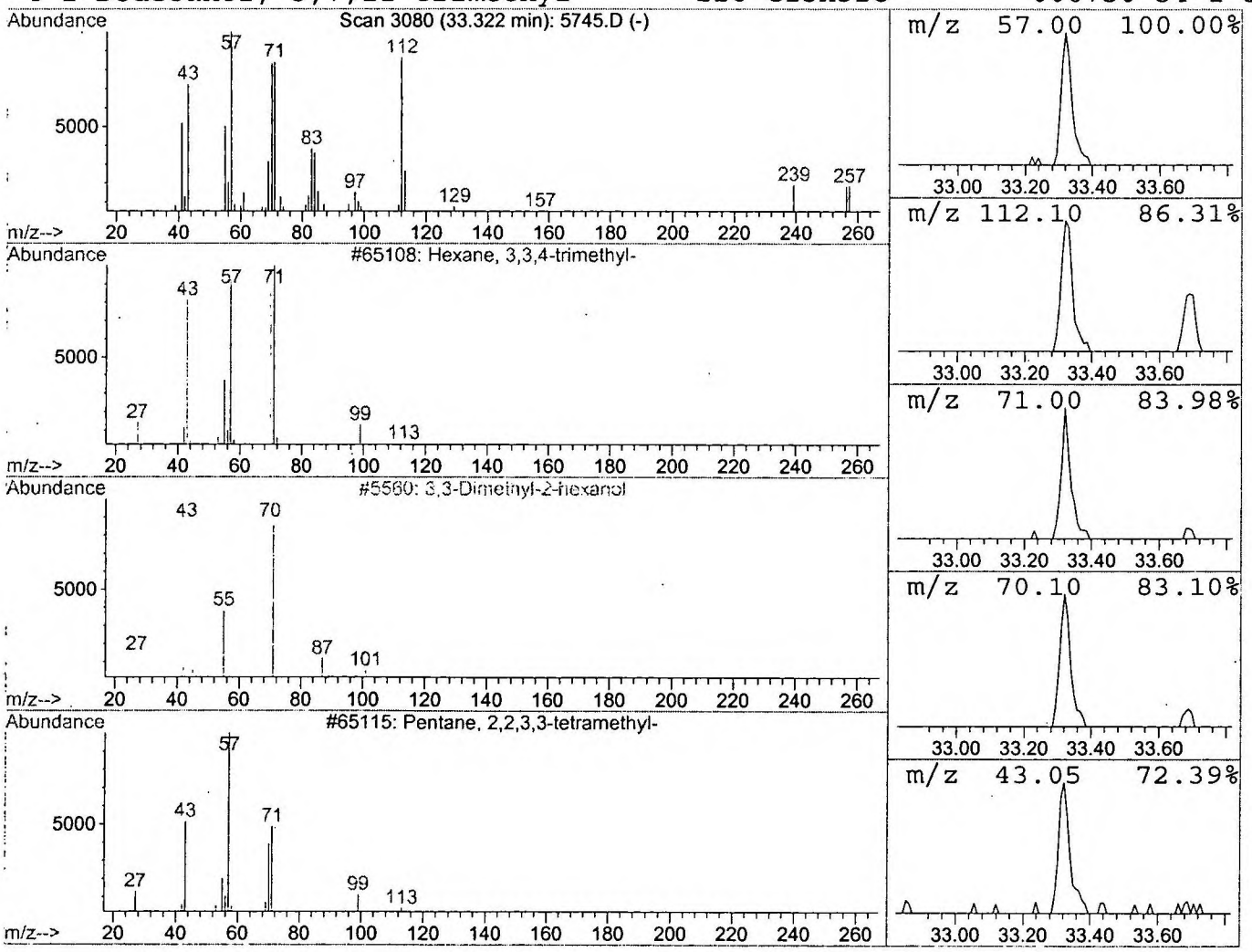
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexane, 3,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.32	0.52 ug/l	60733	Chrysene-d12	33.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	35
2	3,3-Dimethyl-2-hexanol	130	C8H18O	022025-20-3	35
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
4	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 11:59 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5745.D
Name: gc/ms scan 3/12
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-	8.13	1.6	ug/l	232831	ISTD01	12.24	2862680	20.0
Hexane, 3,3,4-trimet	33.32	0.5	ug/l	60733	ISTD05	33.69	2325050	20.0

5745.D GCMS0403.M Fri Apr 05 10:37:50 2002