User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:48:37

Sample: AE05234
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 12:46 Ended: 4/9/02 12:46 Analyst: DLV
Page: 1

	Component Name	Viol		Result	Qualifier	MDL
1	Other unknown compounds		.			
2	Surr 2,4-DDD	DSPEC	147			9.0

Comments for Sample AE05234 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 12:52:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample is the Field Blank which appears to contain a little more contamination than usually present in a Field Blank.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 13:26 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	12.25	152	457812	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1688017	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	966001	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1337672	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	659797	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	375207	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	98697	7.35	ug/mL	0.21
Spiked Amount 5.000			Recovery = 147.00%			
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	15.94	128	191	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	0.00	149	0	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\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 13:26 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

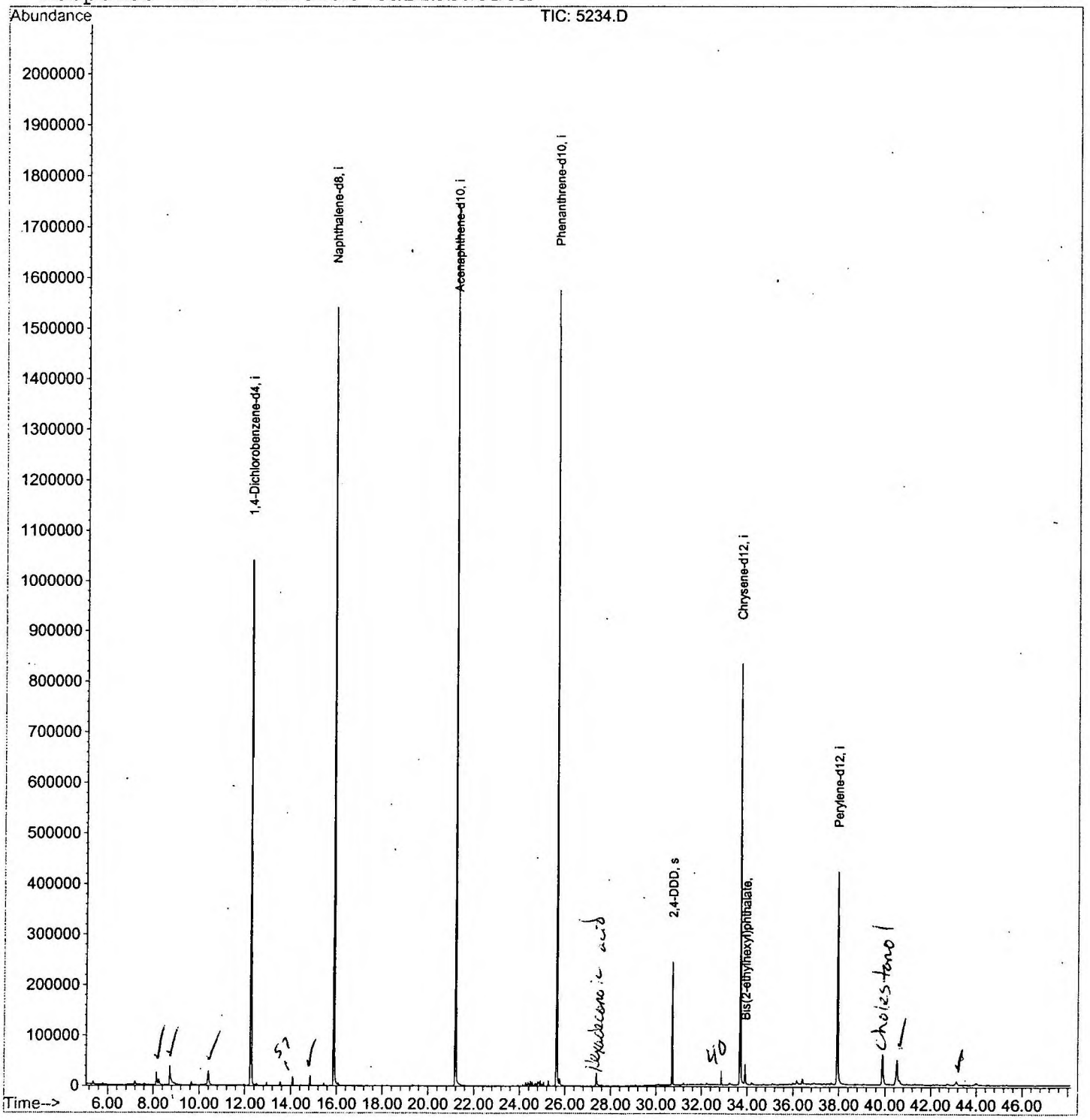
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.70	178	620	N.D.	
34)	Anthracene	25.70	178	858	N.D.	
35)	Di-n-butylphthalate	27.60	149	3555	N.D.	
36)	Fluoranthene	29.33	202	637	N.D.	
39)	Pyrene	30.00	202	785	N.D.	
40)	Butylbenzylphthalate	32.12	149	474	N.D.	
41)	Benzo(a)anthracene	33.69	228	1861	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	29558	1.12 ug/l #	94
43)	Chrysene	33.69	228	1966	N.D.	
45)	Di-n-Octylphthalate	35.55	149	389	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	276	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	527	N.D.	
48)	Benzo(a)pyrene	37.74	252	391	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\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 13:26 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 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb 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

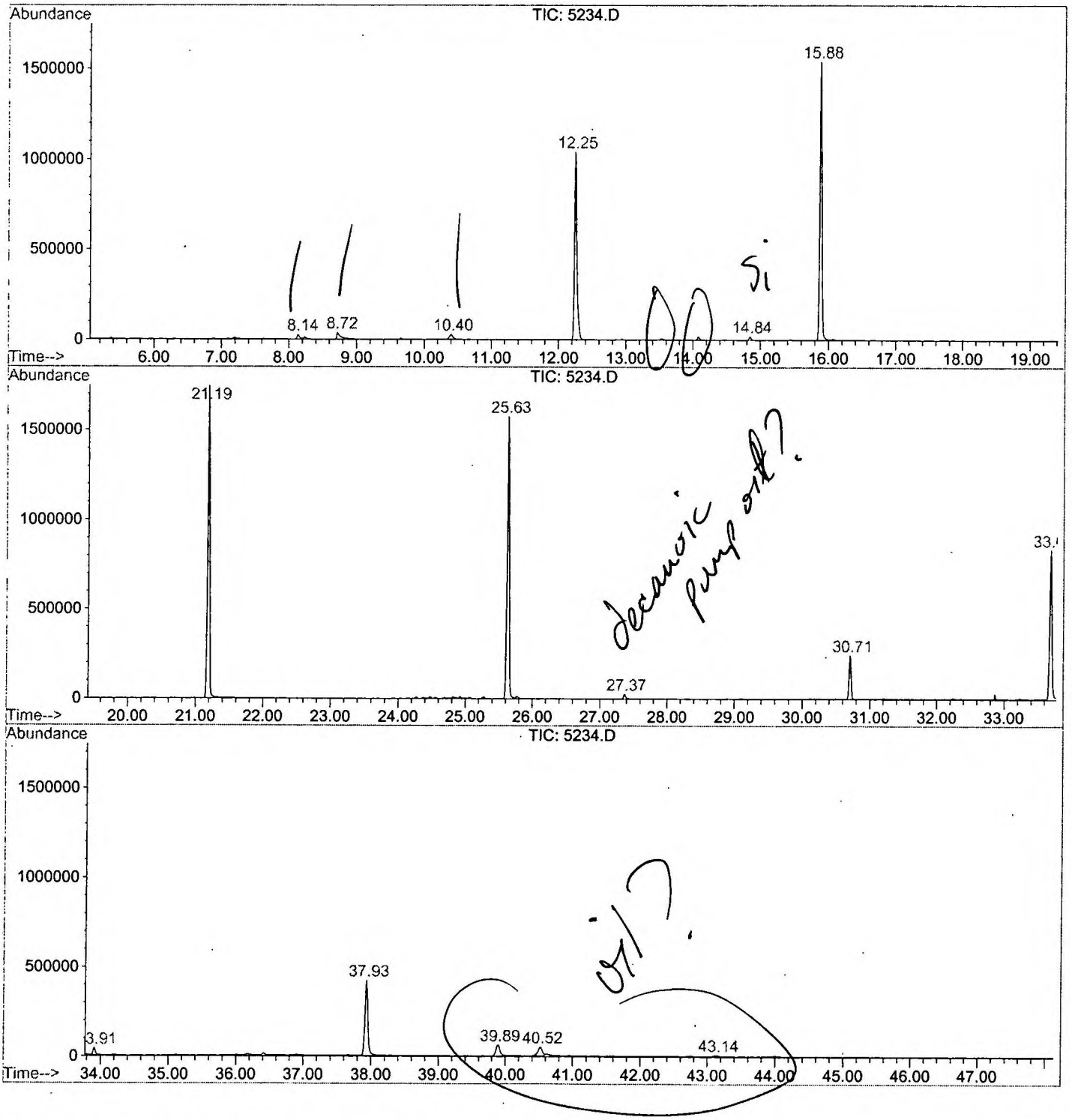
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.142	332	337	344	rBV	25560	63755	1.75%	0.367%
2	8.721	397	400	413	rBV	37370	129260	3.55%	0.745%
3	10.401	575	583	594	rVB	26993	93602	2.57%	0.539%
4	12.246	779	784	799	rBV	1040491	2472541	67.97%	14.250%
5	14.844	1062	1067	1073	rVB	19784	38376	1.06%	0.221%
6	15.881	1174	1180	1197	rBV	1540759	3195114	87.84%	18.415%
7	21.188	1752	1758	1770	rBV	1745901	3637435	100.00%	20.964%
8	25.631	2235	2242	2253	rBV2	1574580	3359183	92.35%	19.360%
9	27.366	2426	2431	2440	rBV2	25577	61891	1.70%	0.357%
10	30.707	2789	2795	2802	rBV	243891	490174	13.48%	2.825%
11	33.691	3113	3120	3134	rBV2	832486	1903880	52.34%	10.973%
12	33.911	3139	3144	3155	rVB	39895	98319	2.70%	0.567%
13	37.932	3574	3582	3600	rBV2	420677	1272540	34.98%	7.334%
14	39.888	3784	3795	3810	rBV3	61367	266149	7.32%	1.534%
15	40.521	3850	3864	3871	rBV7	49464	228812	6.29%	1.319%
16	43.138	4139	4149	4162	rVB10	7794	39908	1.10%	0.230%

Sum of corrected areas: 17350939

5234.D GCMS0308.M Wed Apr 03 13:58:57 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5234.D
Operator :
Acquired : 31 Mar 2002 12:37 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/9 fb
Misc Info :
Vial Number: 45
Quant File :GCMS0308.RES (RTE Integrator)



5234.D GCMS0308.M Wed Apr 03 13:59:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

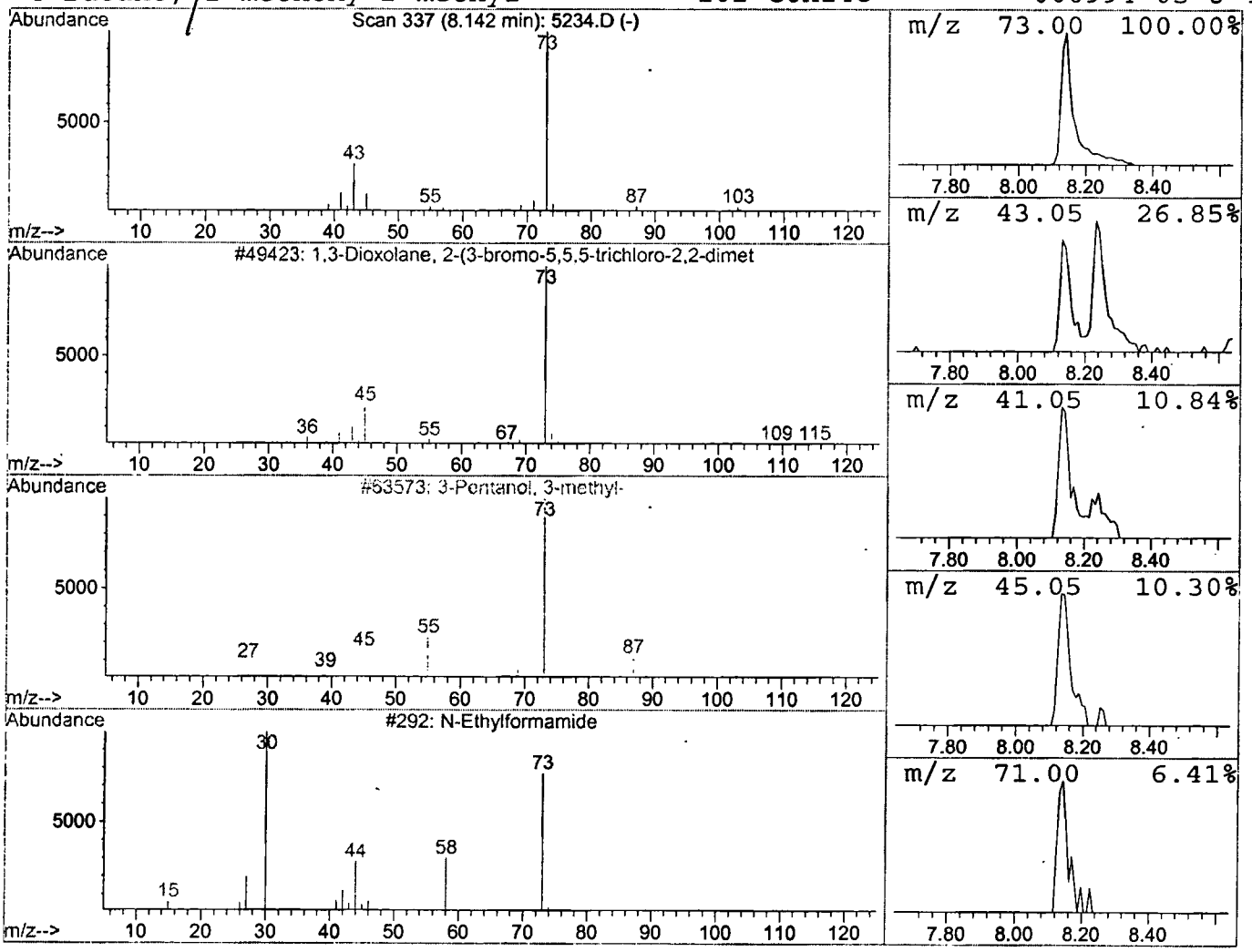
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.52 ug/l	63755	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

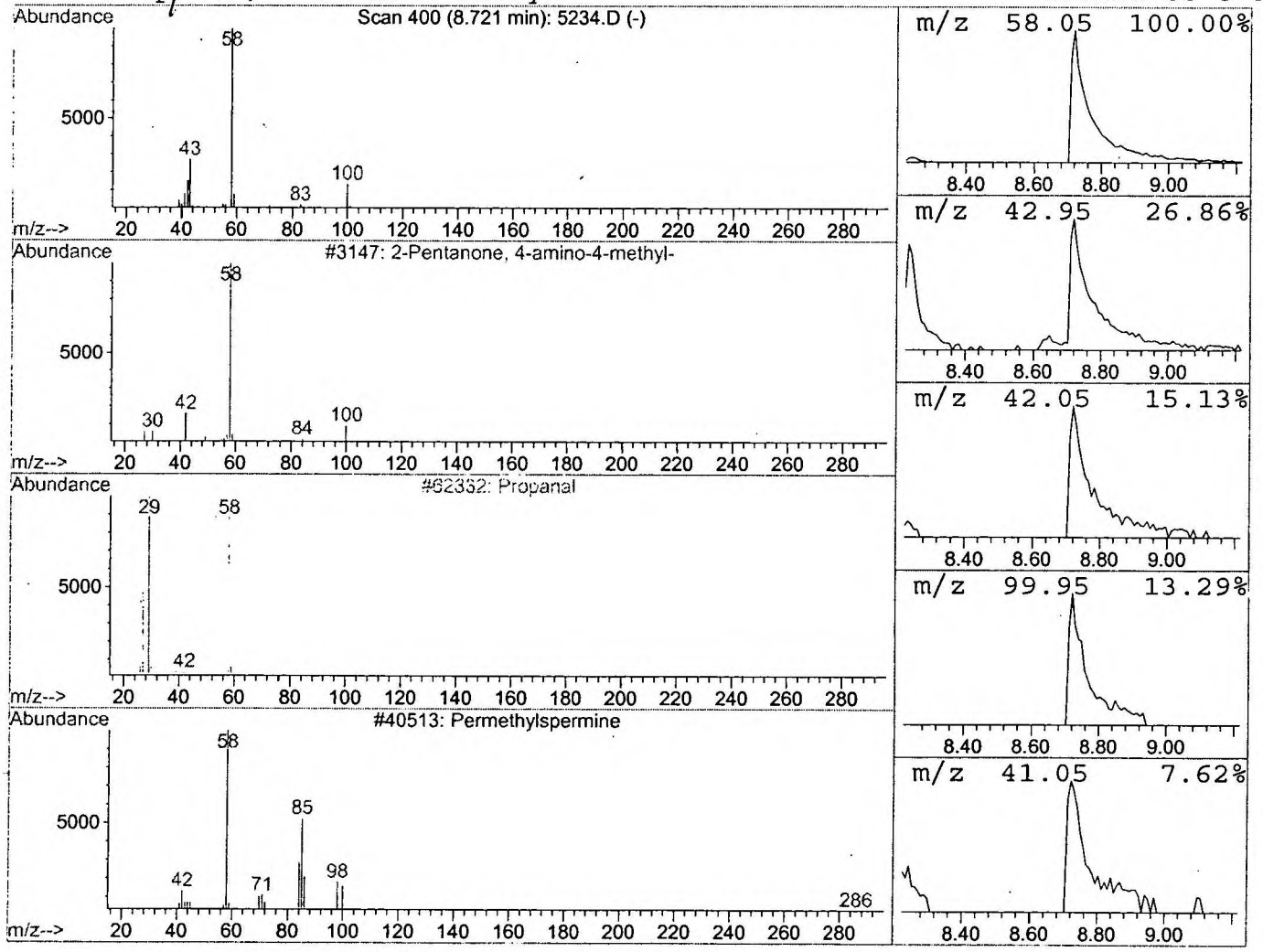
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-amino-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	1.05 ug/l	129260	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-amino-4-methyl-	115	C6H13NO	000625-04-7	43
2	Propanal	58	C3H6O	000123-38-6	9
3	Permethylspermine	286	C16H38N4	057905-96-1	9
4	1-Propanol, 2-amino-2-methyl-	89	C4H11NO	000124-68-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb 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

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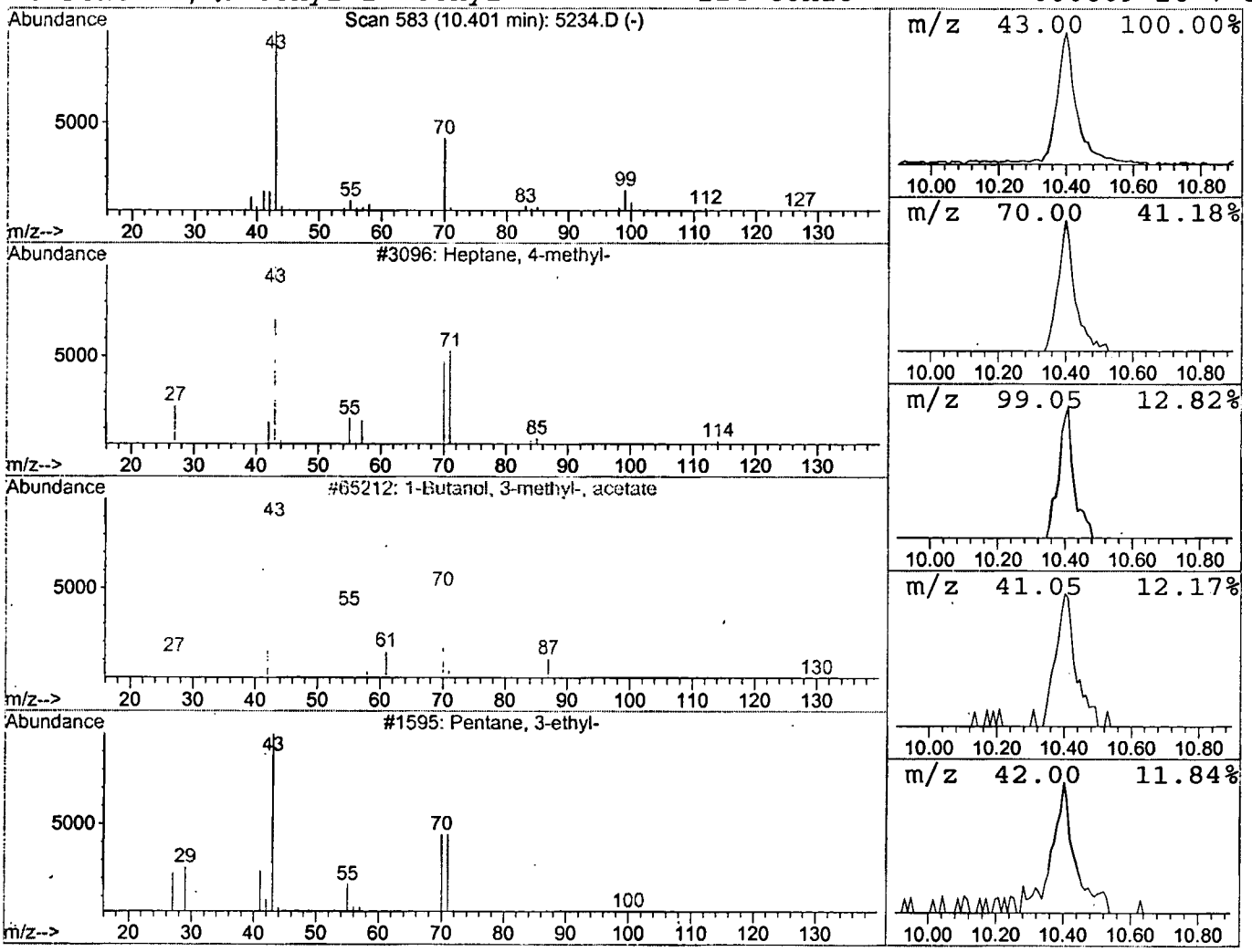
Peak Number 3 Heptane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	0.76 ug/l	93602	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
2	1-Butanol, 3-methyl-, acetate	130	C7H14O2	000123-92-2	42
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	38
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D Vial: 45
Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

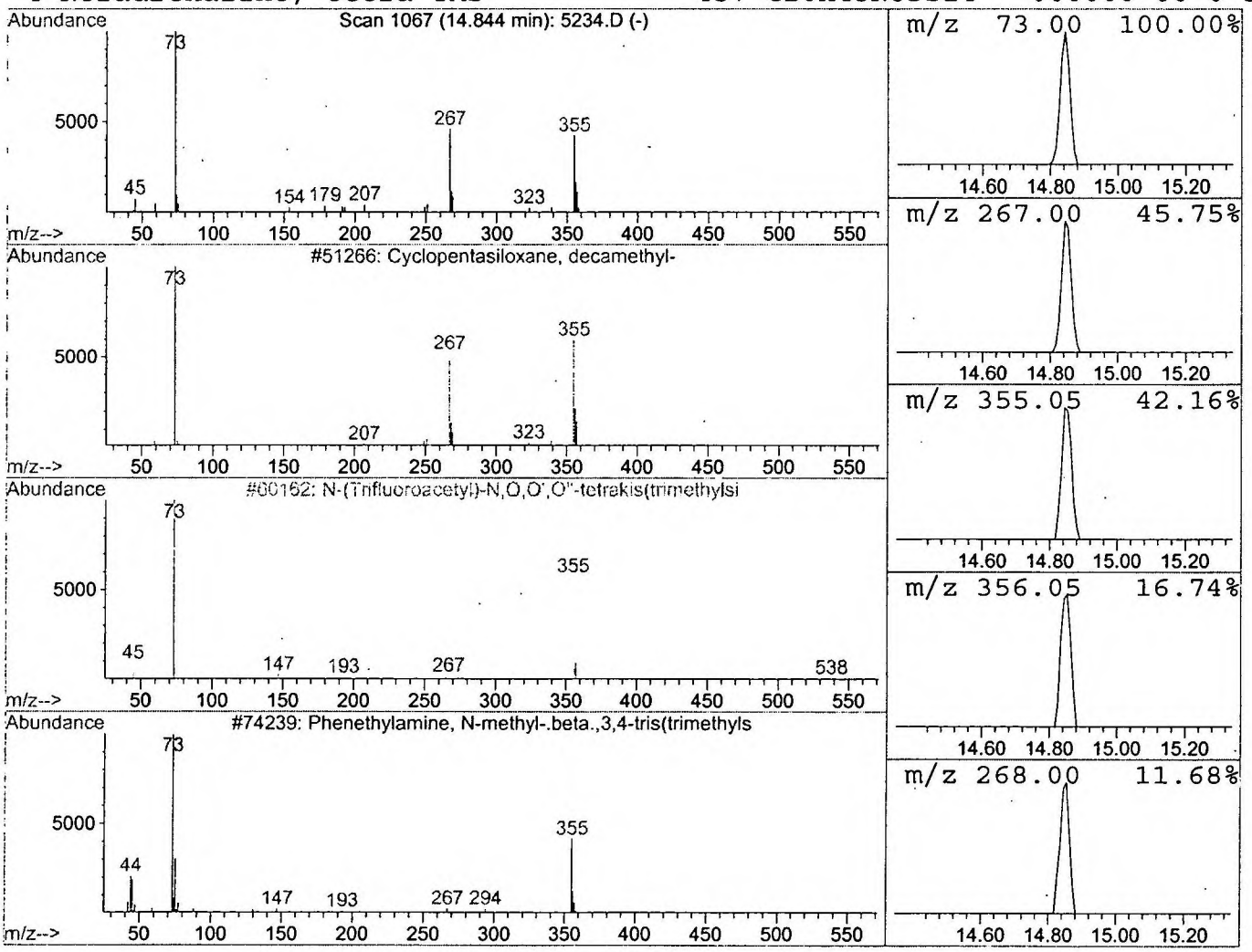
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.24 ug/l	38376	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5234.D
Acq On : 31 Mar 2002 12:37 pm
Sample : gc/ms scan 3/9 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator:
Inst : GC/MS 209
Multiplr: 1.00

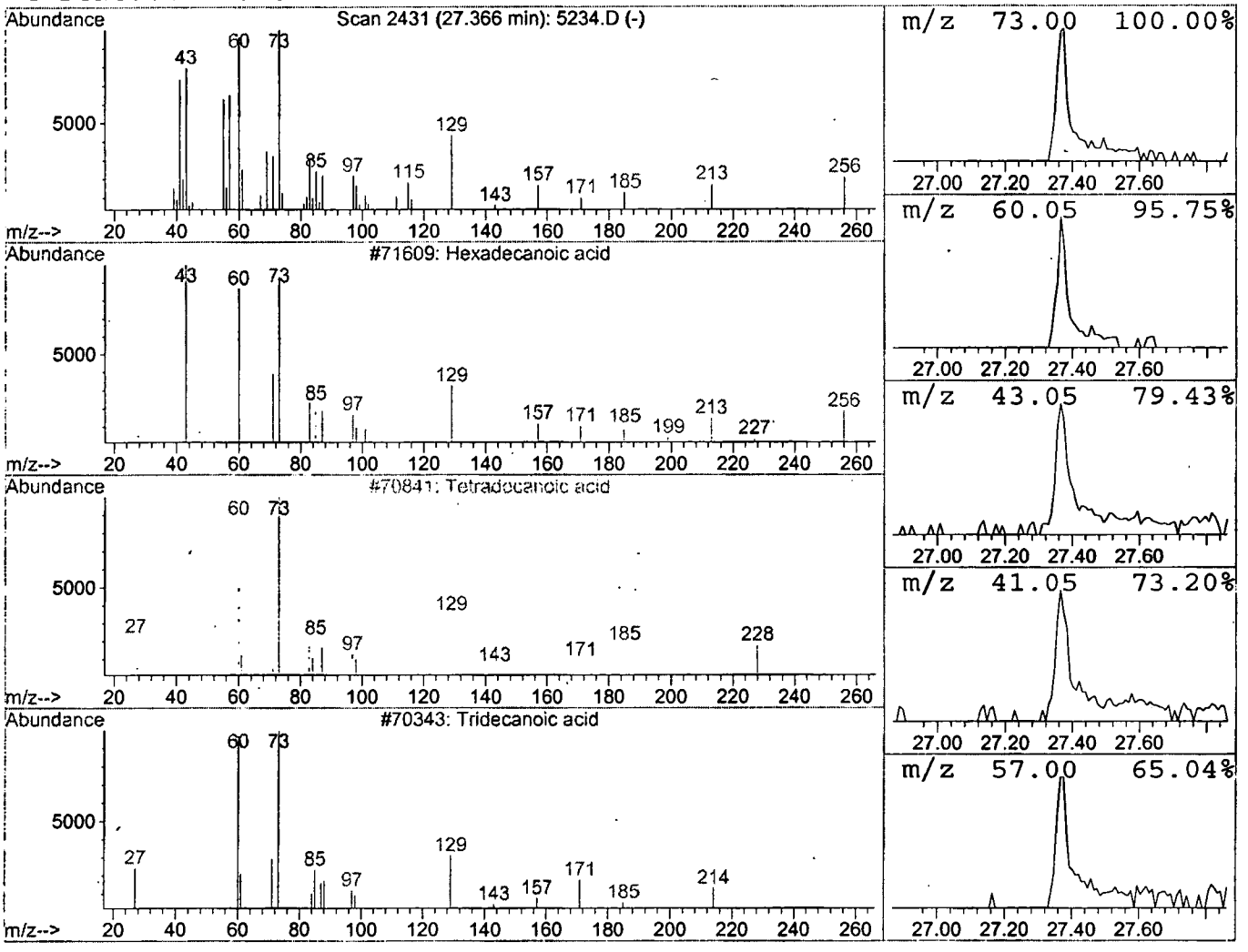
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.37	0.37 ug/l	61891	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Library Search Compound Report

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Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

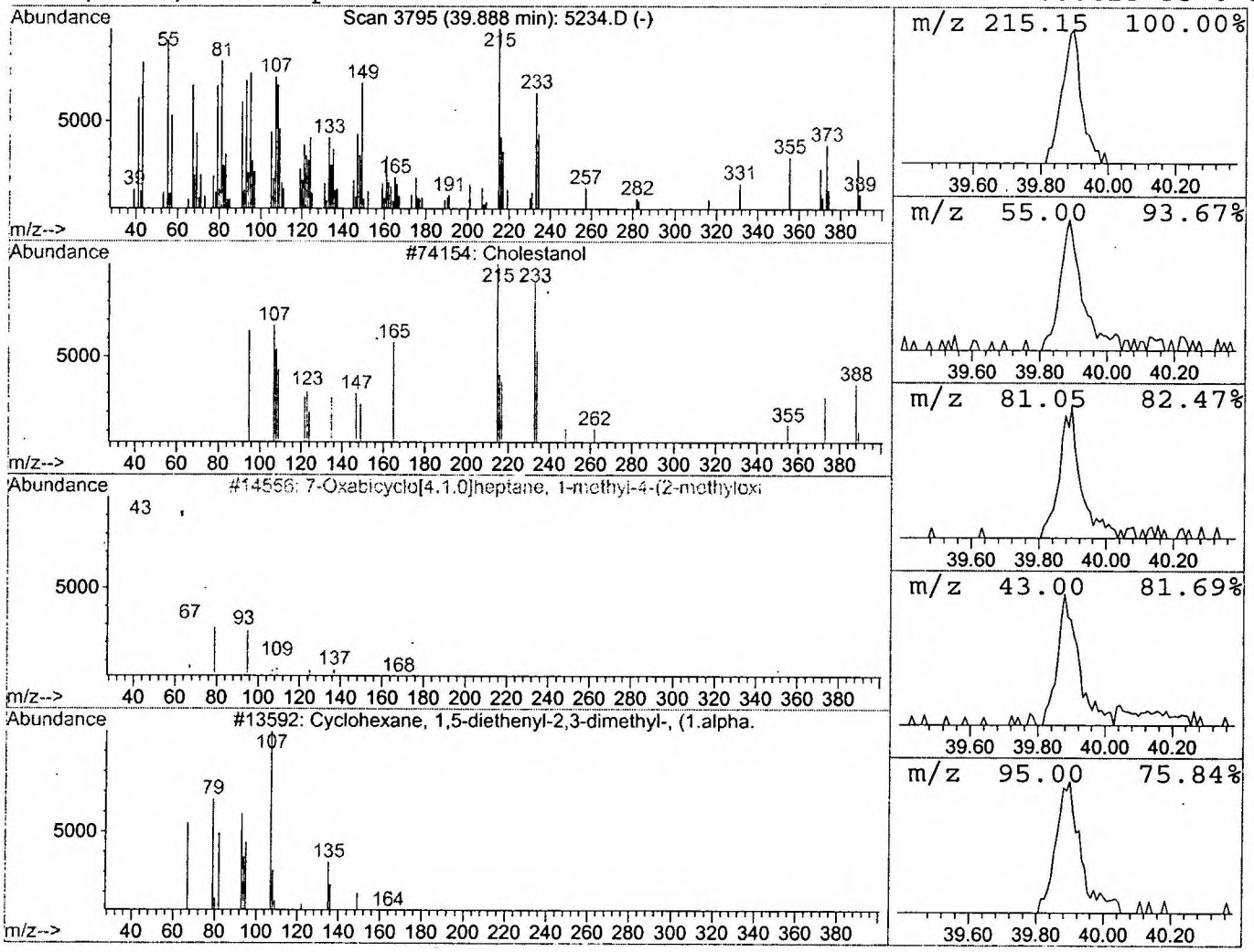
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cholestanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.89	4.18 ug/l	266149	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	89
2	7-Oxabicyclo[4.1.0]heptane, 1-methy	168	C10H16O2	000096-08-2	12
3	Cyclohexane, 1,5-diethenyl-2,3-dime	164	C12H20	068779-14-6	11
4	1,E-11,Z-13-Heptadecatriene	234	C17H30	080625-35-0	11



Library Search Compound Report

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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

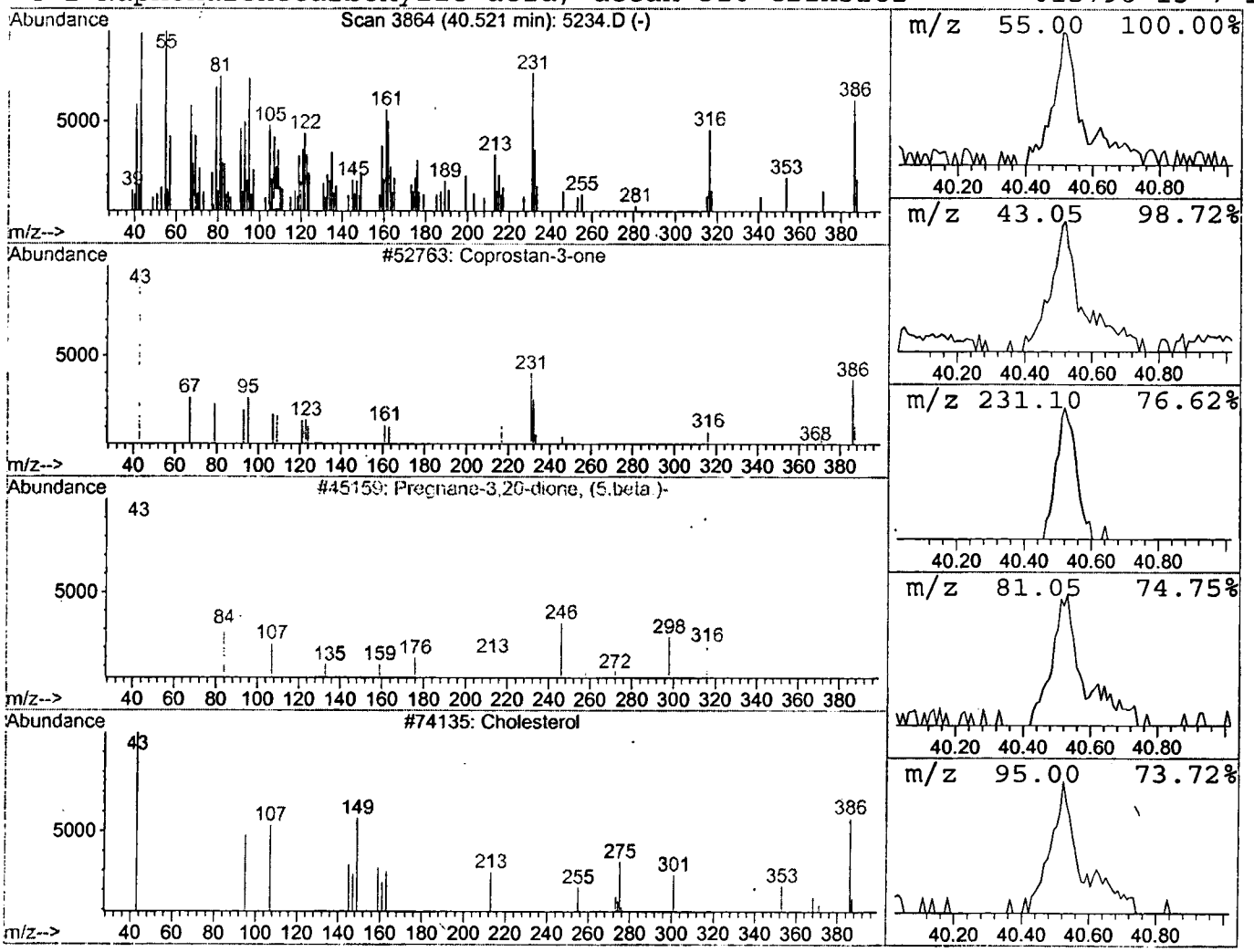
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Coprostan-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.52	3.60 ug/l	228812	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coprostan-3-one	386	C27H46O	000000-00-0	58
2	Pregnane-3,20-dione, (5.beta.)-	316	C21H32O2	000128-23-4	30
3	Cholesterol	386	C27H46O	000057-88-5	15
4	1-Naphthalenecarboxylic acid, decah	316	C21H32O2	015798-13-7	12



Library Search Compound Report

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Acq On : 31 Mar 2002 12:37 pm Operator:
Sample : gc/ms scan 3/9 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

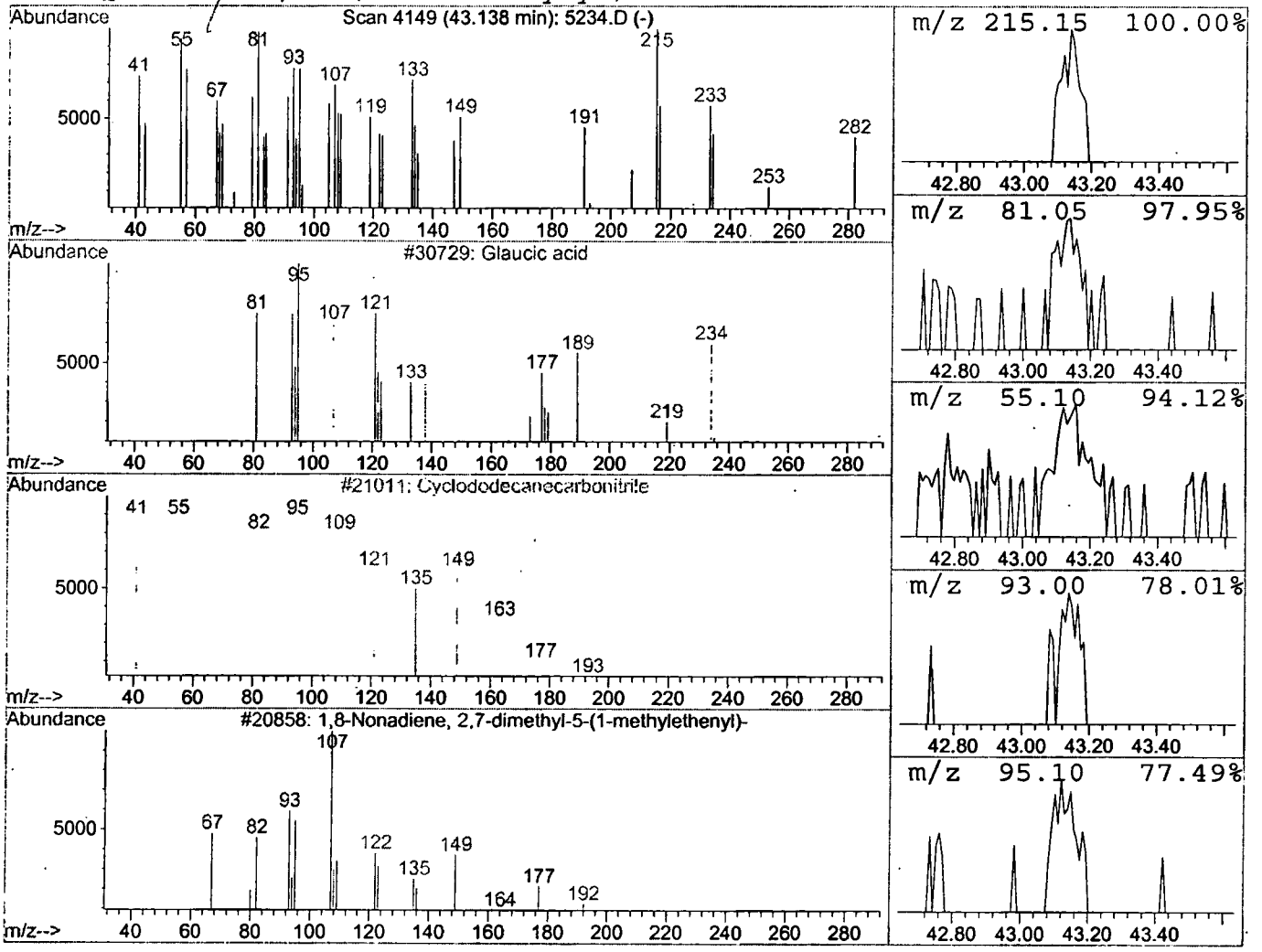
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Glaucic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.14	0.63 ug/l	39908	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glaucic acid	234	C15H22O2	087745-30-0	35
2	Cyclododecanecarbonitrile	193	C13H23N	069300-13-6	10
3	1,8-Nonadiene, 2,7-dimethyl-5-(1-me	192	C14H24	068702-20-5	10
4	4-Quinolinol, 4-(3-buten-1-ynyl)dec	233	C15H23NO	037982-01-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 12:37 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5234.D
Name: gc/ms scan 3/9 fb
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
1,3-Dioxolane, 2-(3-	8.14	0.5	ug/l	63755	ISTD01	12.25	2472540	20.0
2-Pentanone, 4-amino	8.72	1.0	ug/l	129260	ISTD01	12.25	2472540	20.0
Heptane, 4-methyl-	10.40	0.8	ug/l	93602	ISTD01	12.25	2472540	20.0
Cyclopentasiloxane,	14.84	0.2	ug/l	38376	ISTD02	15.88	3195110	20.0
Hexadecanoic acid	27.37	0.4	ug/l	61891	ISTD04	25.63	3359180	20.0
Cholestanol	39.89	4.2	ug/l	266149	ISTD06	37.93	1272540	20.0
Coprostan-3-one	40.52	3.6	ug/l	228812	ISTD06	37.93	1272540	20.0
Glaucic acid	43.14	0.6	ug/l	39908	ISTD06	37.93	1272540	20.0

5234.D GCMS0308.M Wed Apr 03 13:59:43 2002