User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 13:47:07

Sample: AE06413
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 13:46 Ended: 4/23/02 13:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE06413 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 13:51:13

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:17 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	456753	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1677299	20.00	ug/l	0.00
17) Acenaphthene-d10	21.16	164	954031	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1425647	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	926606	20.00	ug/l	0.00
45) Perylene-d12	37.90	264	615020	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.30	209	35774	7.48	ug/L	-0.03
Spiked Amount 10.000			Recovery = 74.80%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.50	93	101	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	0.00	128	0	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	22.65	149	874	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:17 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

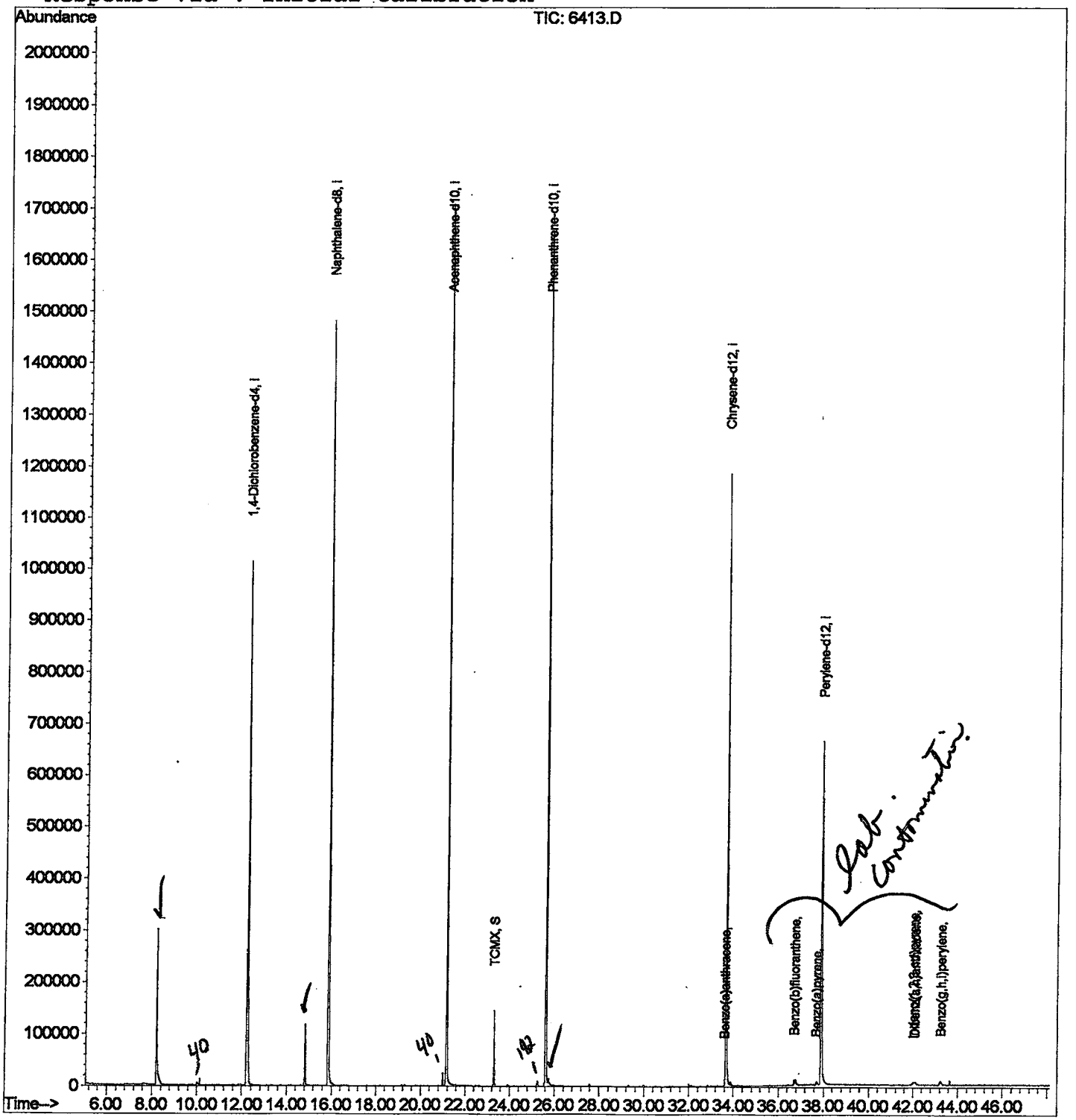
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	24.71	284	1028	N.D.	
34)	Phenanthrene	25.67	178	1667	N.D.	
35)	Anthracene	25.80	178	895	N.D.	
36)	Di-n-butylphthalate	27.58	149	6785	N.D.	
37)	Fluoranthene	29.32	202	3624	N.D.	
40)	Pyrene	29.98	202	4899	N.D.	
41)	Butylbenzylphthalate	32.10	149	1812	N.D.	
42)	Benzo(a)anthracene	33.60	228	8669	0.34 ug/l	96
43)	Bis(2-ethylhexyl)phthalate	33.88	149	4802	N.D.	
44)	Chrysene	0.00	228	0	N.D. d	
46)	Di-n-Octylphthalate	35.61	149	2626	N.D.	
47)	Benzo(b)fluoranthene	36.72	252	11637	0.50 ug/l	99
48)	Benzo(k)fluoranthene	0.00	252	0	N.D. d	
49)	Benzo(a)pyrene	37.71	252	9008	0.47 ug/l #	88
50)	Indeno(1,2,3-cd)pyrene	42.00	276	14644	0.75 ug/l #	88
51)	Dibenz(a,h)anthracene	42.09	278	12414	0.84 ug/l #	91
52)	Benzo(g,h,i)perylene	43.24	276	17665	1.09 ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:17 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

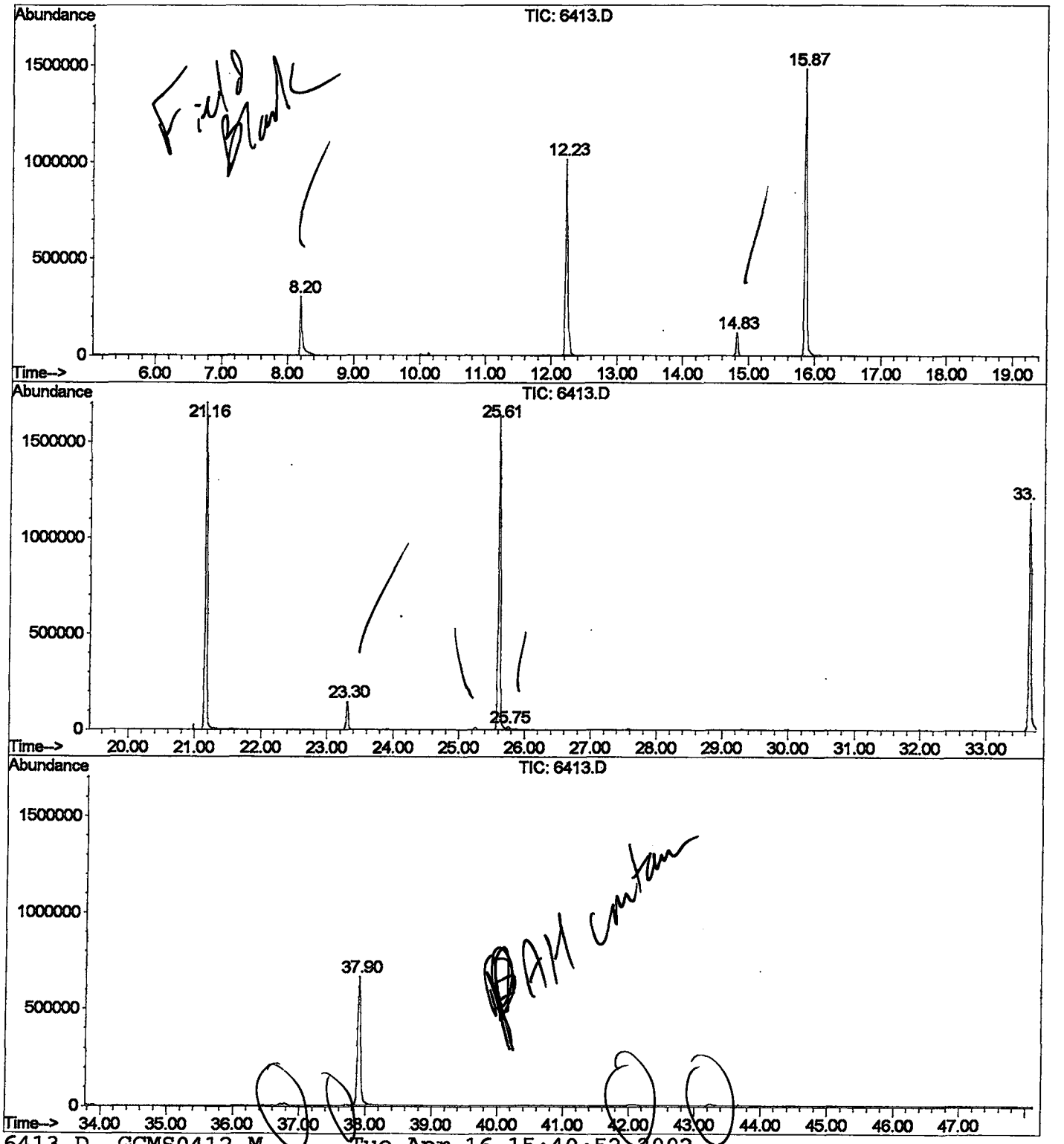
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.202	340	344	373	rVB	300110	722002	19.86%	3.814%
2	12.232	777	783	800	rVB	1013355	2435937	67.02%	12.867%
3	14.830	1060	1066	1073	rVB	117408	227835	6.27%	1.203%
4	15.867	1173	1179	1197	rBV	1481596	3156512	86.85%	16.673%
5	21.164	1750	1756	1768	rBV	1707388	3634628	100.00%	19.199%
6	23.303	1980	1989	1997	rVB	145878	313026	8.61%	1.653%
7	25.608	2233	2240	2251	rBV2	1644091	3573255	98.31%	18.875%
8	25.754	2252	2256	2264	rVB	12275	36530	1.01%	0.193%
9	33.668	3108	3118	3138	rBV2	1187790	2739820	75.38%	14.472%
10	37.900	3571	3579	3604	rBV2	663545	2092074	57.56%	11.051%

Sum of corrected areas: 18931619

6413.D GCMS0412.M Tue Apr 16 15:40:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\6413.D
Operator :
Acquired : 15 Apr 2002 2:56 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-extract
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



6413.D GCMS0412.M Tue Apr 16 15:40:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

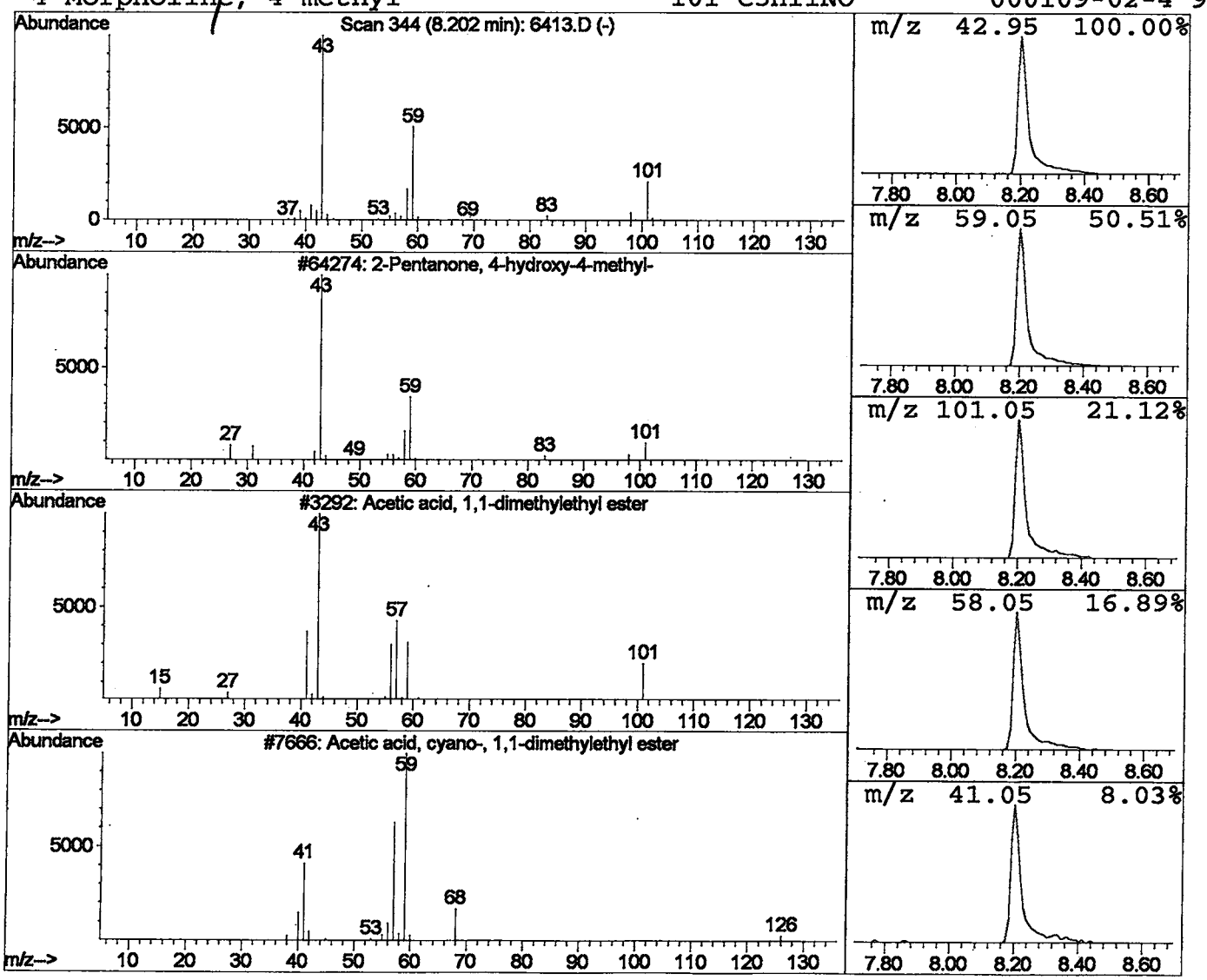
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.93 ug/l	722002	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

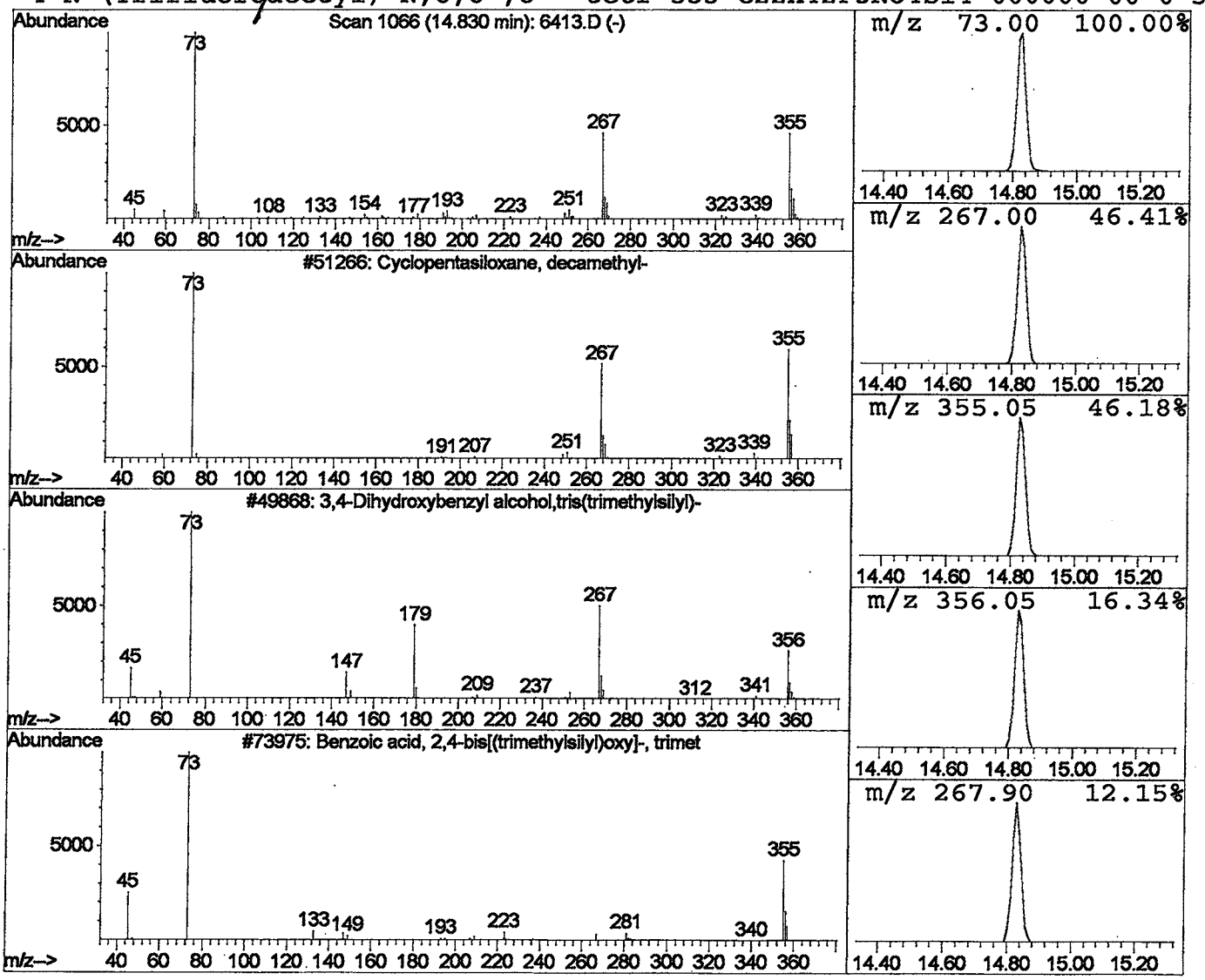
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	1.44 ug/l	227835	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	43
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\6413.D Vial: 8
Acq On : 15 Apr 2002 2:56 pm Operator:
Sample : re-extract Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

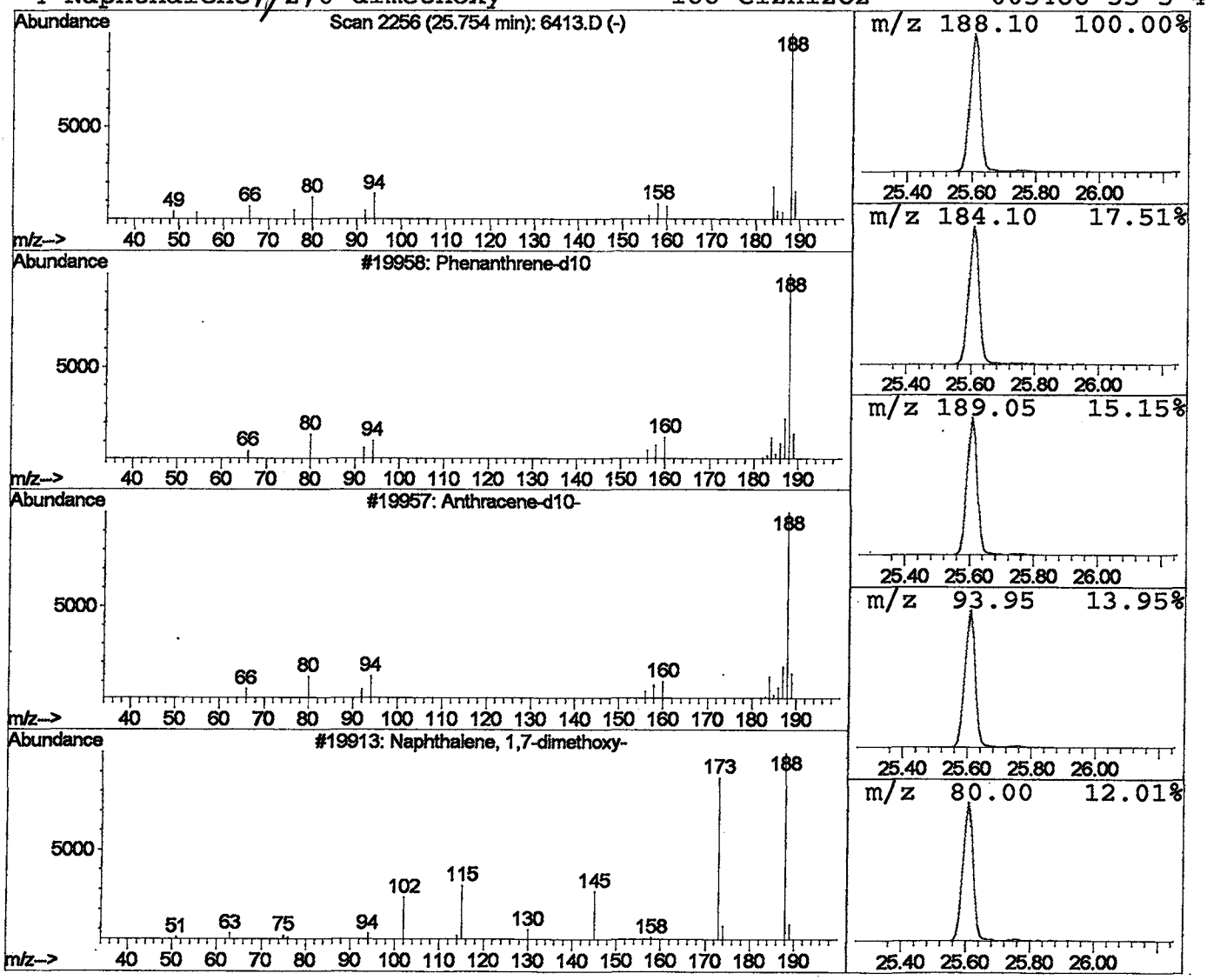
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.20 ug/l	36530	Phenanthrene-d10	25.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	64
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	59
4	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 2:56 pm
Data File: C:\HPCHEM\1\DATA\APR1202\6413.D
Name: re-extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
2-Pentanone, 4-hydro	8.20	5.9	ug/l	722002	ISTD01	12.23	2435940	20.0
Cyclopentasiloxane,	14.83	1.4	ug/l	227835	ISTD02	15.87	3156510	20.0
Phenanthrene-d10	25.75	0.2	ug/l	36530	ISTD04	25.61	3573260	20.0

6413.D GCMS0412.M Tue Apr 16 15:40:55 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6413.D Vial: 8
Acq On : 5 Apr 2002 6:54 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:12 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Original

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	449725	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1633211	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	912843	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1254394	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	581279	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	310609	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery =	0.00%		
38) 2,4-DDD	30.71	235	63400	~~5.49~~ 3.36	ug/mL	0.21
Spiked Amount 5.000			Recovery	~~109.80%~~ 67%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.43	74	187	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	121	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.67	149	450	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\6413.D Vial: 8
Acq On : 5 Apr 2002 6:54 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:12 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

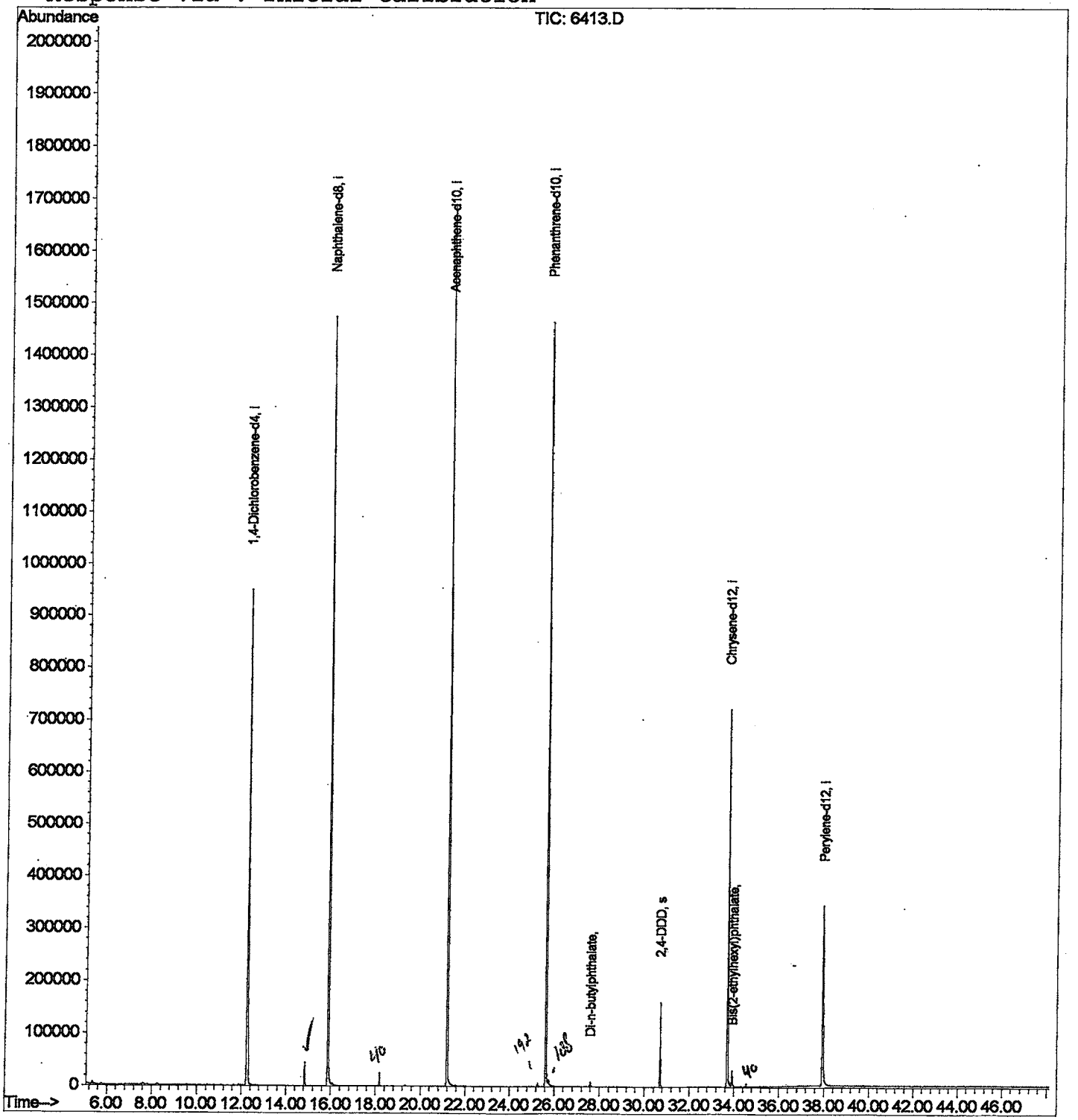
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.64	178	322	N.D.	
35) Anthracene	25.64	178	322	N.D.	
36) Di-n-butylphthalate	27.60	149	12960	0.25 ug/l #	98
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.69	228	1360	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	23231	1.35 ug/l	99
44) Chrysene	33.69	228	1359	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.92	252	1413	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) 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\APR0405\6413.D Vial: 8
Acq On : 5 Apr 2002 6:54 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:12 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0405\6413.D Vial: 8
Acq On : 5 Apr 2002 6:54 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

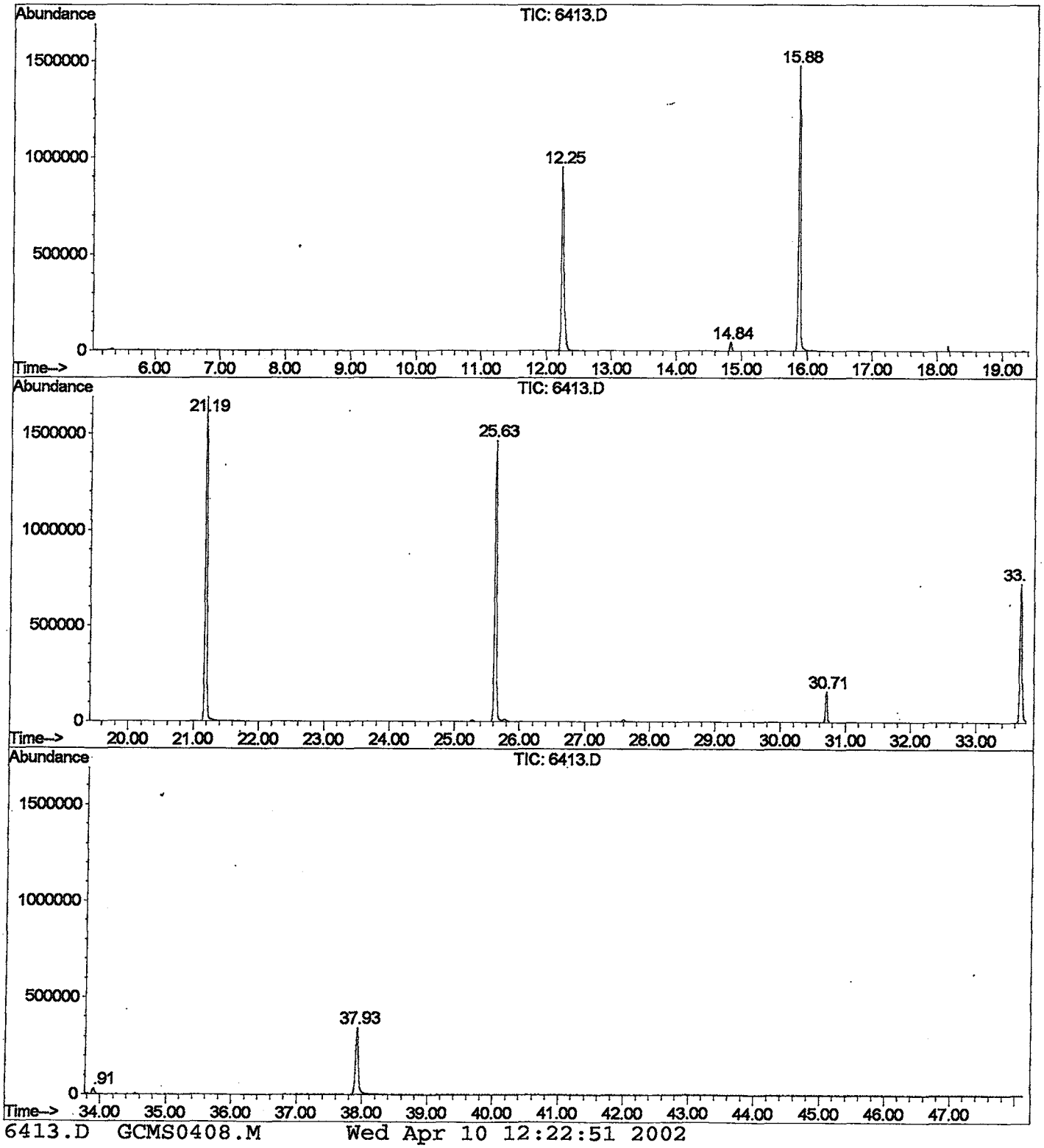
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.246	778	784	802	rBV	949138	2410690	69.17%	15.720%
2	14.844	1062	1067	1072	rVB	45497	84419	2.42%	0.550%
3	15.881	1174	1180	1198	rBV	1473596	3071978	88.14%	20.032%
4	21.188	1752	1758	1776	rBV	1689342	3485290	100.00%	22.728%
5	25.631	2235	2242	2254	rBV2	1465234	3173935	91.07%	20.697%
6	30.708	2790	2795	2801	rBV	161221	314133	9.01%	2.048%
7	33.691	3113	3120	3139	rBV	722160	1674173	48.04%	10.917%
8	33.912	3139	3144	3153	rVB	30522	73680	2.11%	0.480%
9	37.933	3574	3582	3602	rBV2	342575	1046714	30.03%	6.826%

Sum of corrected areas: 15335012

6413.D GCMS0408.M Wed Apr 10 12:22:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\6413.D
Operator :
Acquired : 5 Apr 2002 6:54 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/19 fb
Misc Info :
Vial Number: 8
Quant File :GCMS0408.RES (RTE Integrator)



6413.D GCMS0408.M Wed Apr 10 12:22:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\6413.D Vial: 8
Acq On : 5 Apr 2002 6:54 pm Operator:
Sample : gc/ms scan 3/19 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

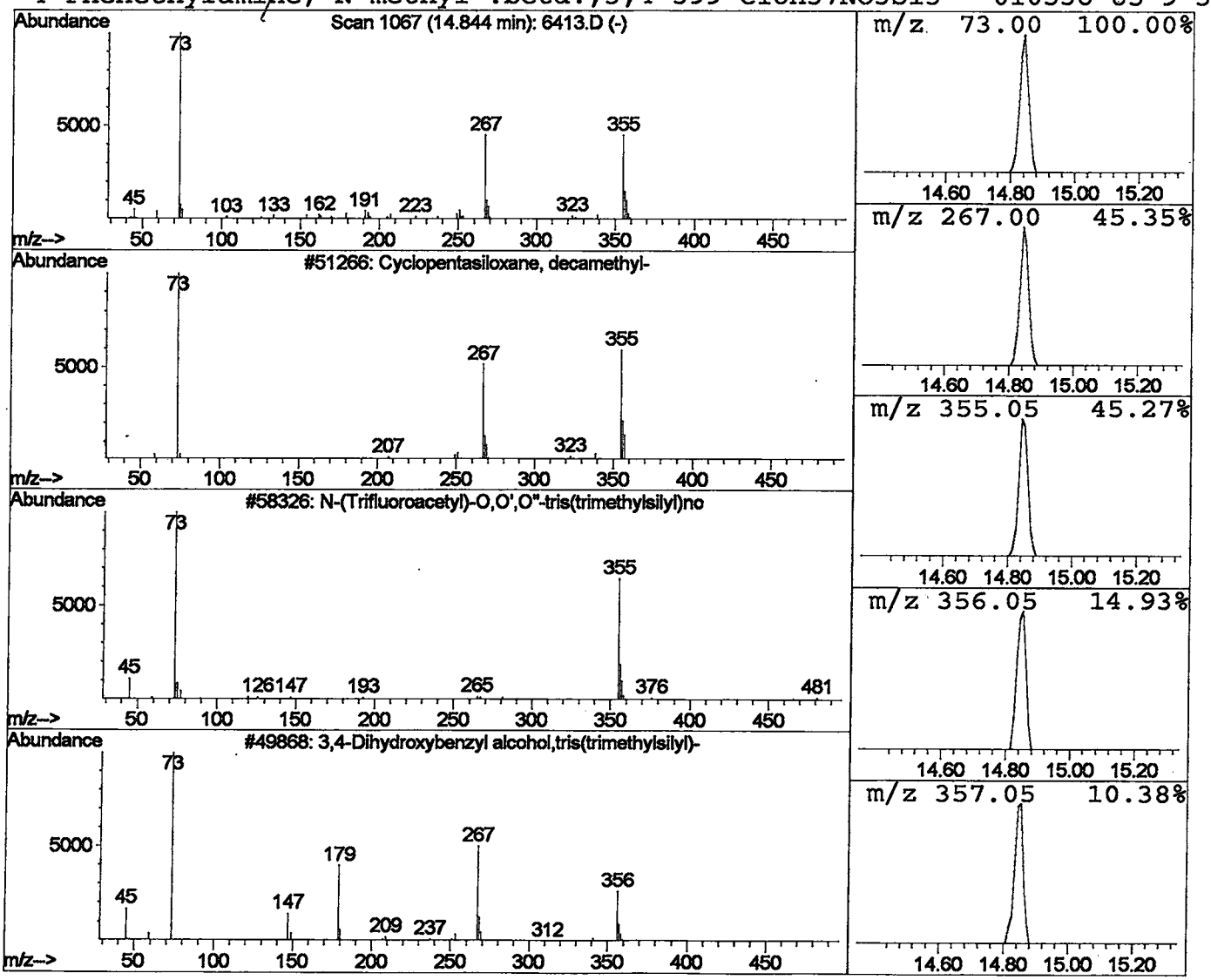
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.55 ug/l	84419	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 Apr 2002 6:54 pm
Data File: C:\HPCHEM\1\DATA\APR0405\6413.D
Name: gc/ms scan 3/19 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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
~~Cyclopentasiloxane~~,	14.84	0.5	ug/l	84419	ISTD02	15.88	3071980	20.0

6413.D GCMS0408.M Wed Apr 10 12:22:53 2002