User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:01:09

Sample: AE08685
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 10:55 Ended: 4/26/02 10:55 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		10.0

Comments for Sample AE08685 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:02:04

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\APR2202\8685.D Vial: 7
Acq On : 22 Apr 2002 3:02 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:53 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	472085	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1724792	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	978250	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1463750	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1051667	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	742960	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	47777	9.74	ug/L	-0.04
Spiked Amount 10.000			Recovery = 97.40%			
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	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	15.91	128	207	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	21.55	165	184	N.D.		
25) Diethylphthalate	22.63	149	490	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)

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Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

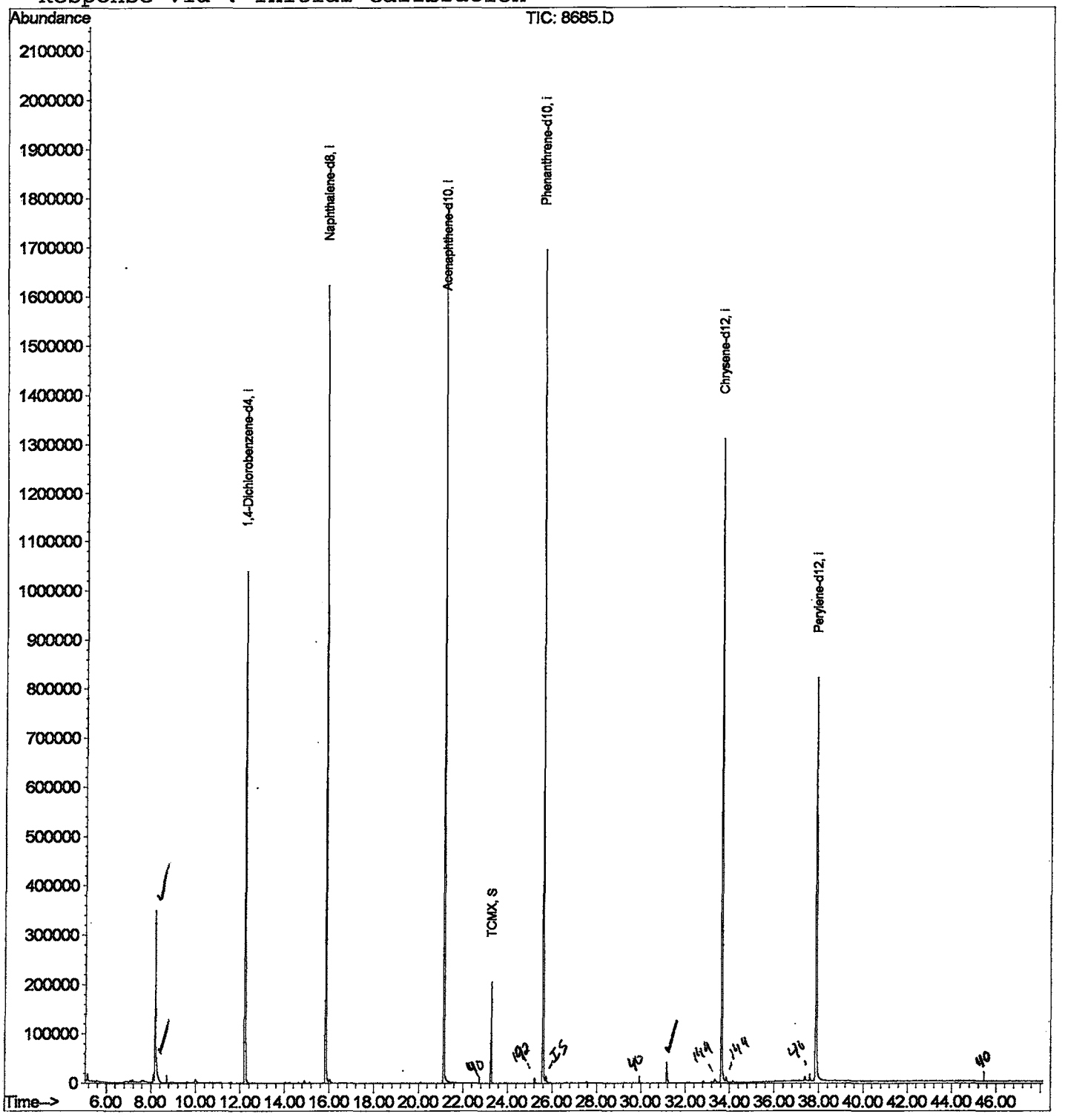
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	299	N.D.	
35) Anthracene	25.58	178	299	N.D.	
36) Di-n-butylphthalate	27.56	149	3741	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.08	149	106	N.D.	
42) Benzo(a)anthracene	33.64	228	3304	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	6198	N.D.	
44) Chrysene	33.73	228	537	N.D.	
46) Di-n-Octylphthalate	35.60	149	241	N.D.	
47) Benzo(b)fluoranthene	36.71	252	450	N.D.	
48) Benzo(k)fluoranthene	36.77	252	538	N.D.	
49) Benzo(a)pyrene	37.88	252	2945	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\APR2202\8685.D Vial: 7
Acq On : 22 Apr 2002 3:02 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:53 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8685.D Vial: 7
Acq On : 22 Apr 2002 3:02 pm Operator:
Sample : gc/ms scan 4/11 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

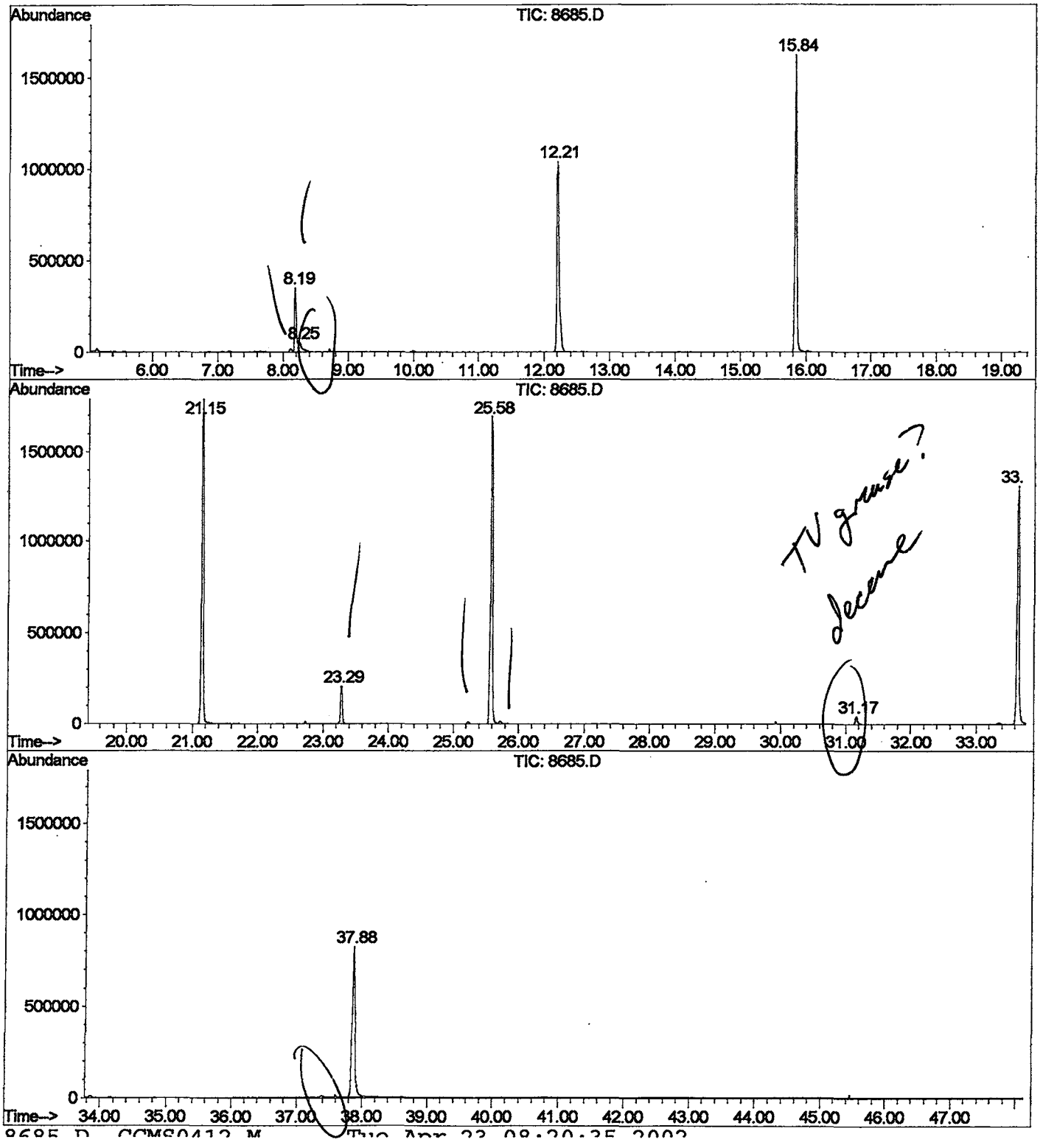
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.188	338	342	347	rVV	348352	694451	18.72%	3.477%
2	8.252	347	349	371	rVB	50605	177924	4.80%	0.891%
3	12.209	775	780	793	rBV	1039806	2520352	67.94%	12.618%
4	15.844	1170	1176	1191	rBV	1623134	3238671	87.30%	16.215%
5	21.150	1747	1754	1771	rBV	1790132	3709883	100.00%	18.574%
6	23.289	1979	1987	1994	rVB	205811	421227	11.35%	2.109%
7	25.584	2231	2237	2249	rBV2	1695098	3647711	98.32%	18.262%
8	31.166	2841	2845	2854	rBV2	42198	88132	2.38%	0.441%
9	33.645	3108	3115	3132	rBV	1309928	3012906	81.21%	15.084%
10	37.877	3567	3576	3591	rBV2	819173	2462602	66.38%	12.329%

Sum of corrected areas: 19973859

8685.D GCMS0412.M Tue Apr 23 08:20:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8685.D
Operator :
Acquired : 22 Apr 2002 3:02 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 7
Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8685.D Vial: 7
Acq On : 22 Apr 2002 3:02 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

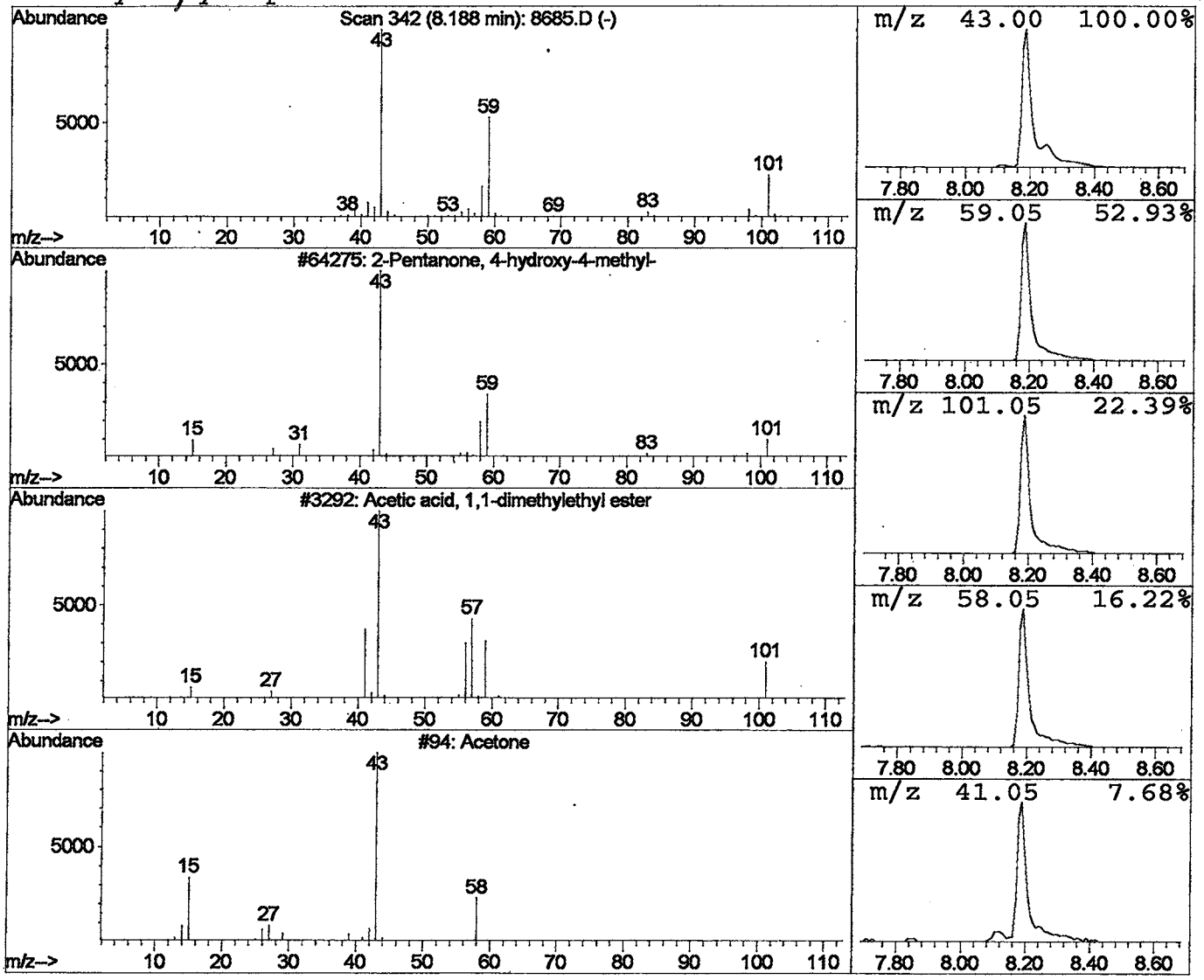
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.51 ug/l	694451	1,4-Dichlorobenzene-d4	12.21

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	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8685.D Vial: 7
Acq On : 22 Apr 2002 3:02 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

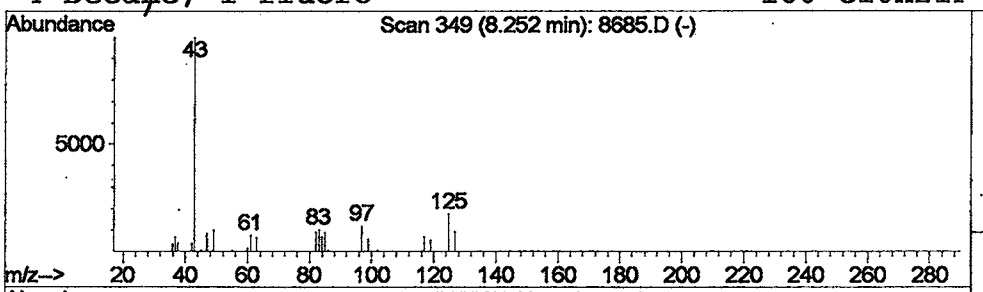
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

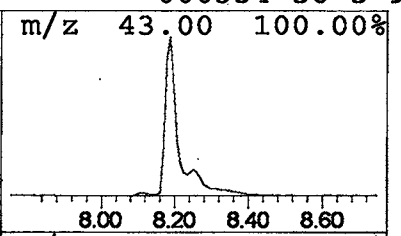
****

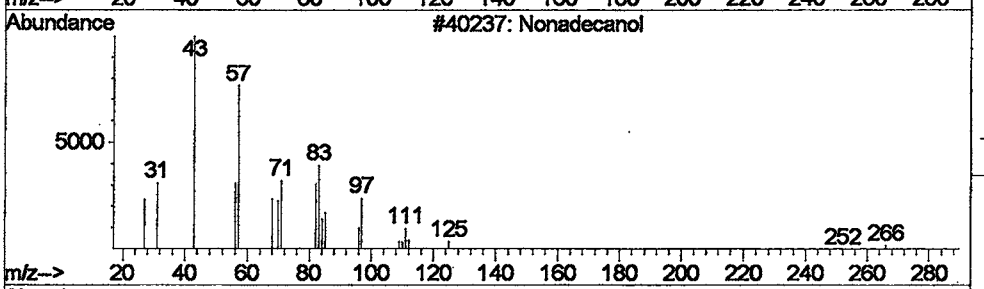
Peak Number 2 Nonadecanol Concentration Rank 2

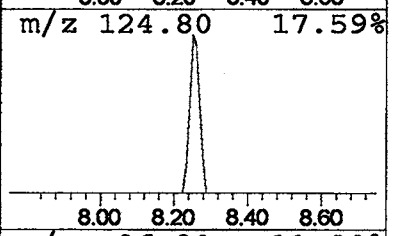
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	1.41 ug/l	177924	1,4-Dichlorobenzene-d4	12.21

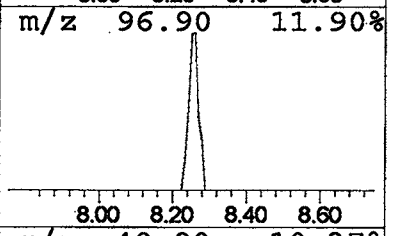
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanol	284	C19H40O	052783-43-4	9
2	1-Eicosanol	298	C20H42O	000629-96-9	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9

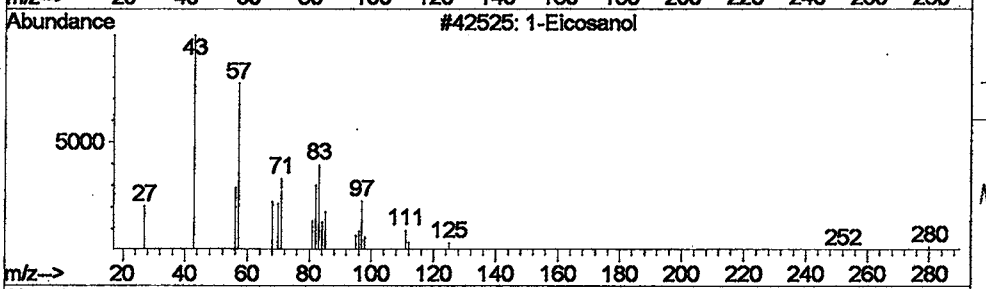


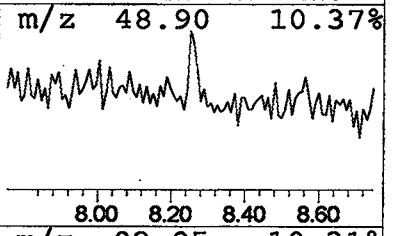


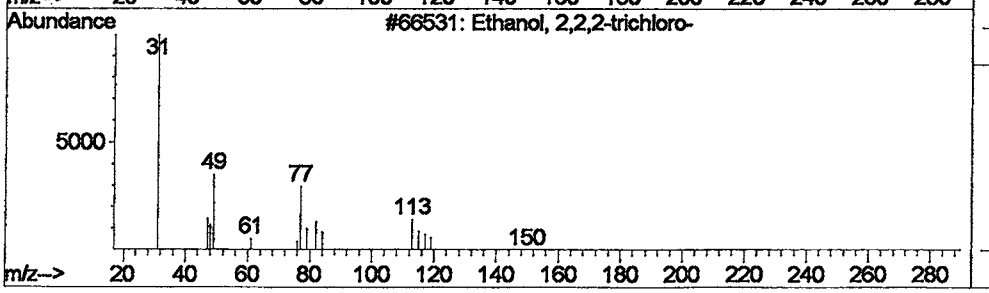


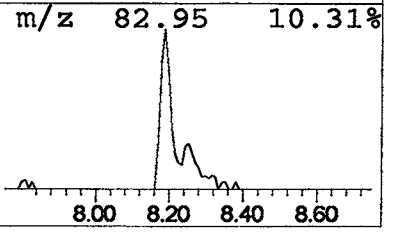












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8685.D
Acq On : 22 Apr 2002 3:02 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator:
Inst : 209
Multiplr: 1.00

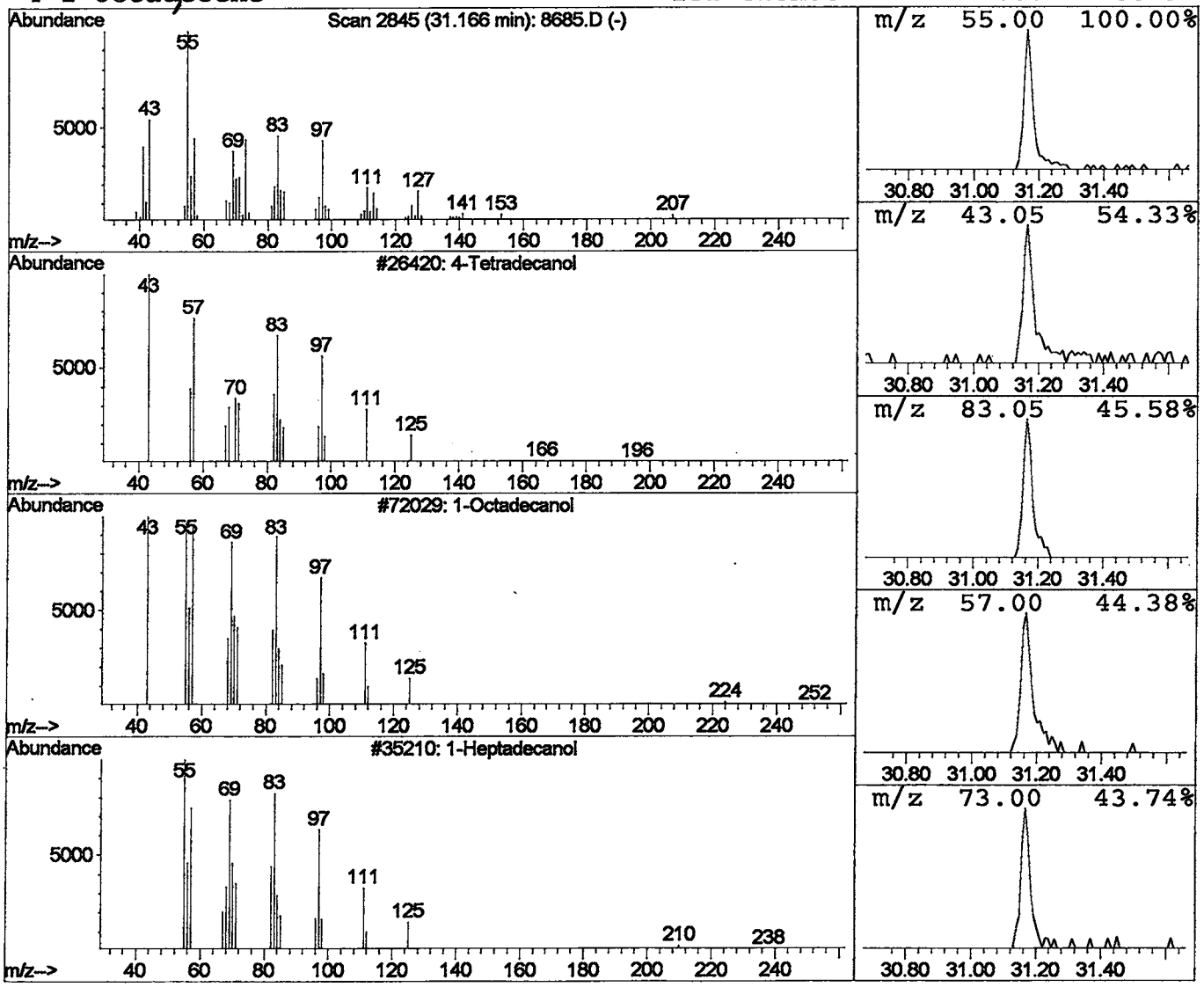
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 4-Tetradecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.17	0.59 ug/l	88132	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecanol	214	C14H30O	001653-33-4	72
2	1-Octadecanol	270	C18H38O	000112-92-5	72
3	1-Heptadecanol	256	C17H36O	001454-85-9	72
4	1-Octadecene	252	C18H36	000112-88-9	58



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 3:02 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8685.D
Name: gc/ms scan 4/11
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	8.19	5.5	ug/l	694451	ISTD01	12.21	2520350	20.0
Nonadecanol	8.25	1.4	ug/l	177924	ISTD01	12.21	2520350	20.0
4-Tetradecanol	31.17	0.6	ug/l	88132	ISTD05	33.64	3012910	20.0

8685.D GCMS0412.M Tue Apr 23 08:20:38 2002