User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 11:28:19

Sample: AE08270
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 11:27 Ended: 4/22/02 11:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE08270 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-22-2002 Time: 11:29:03

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\APR1802\8270.D Vial: 4
Acq On : 18 Apr 2002 2:54 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:28 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	433718	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1509199	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	830382	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1189939	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	794538	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	520773	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35981	8.65	ug/L	-0.05
Spiked Amount 10.000			Recovery = 86.50%			
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	14.55	82	335	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	15.89	128	646	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	20.49	163	353	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	22.63	149	721	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

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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	25.65	178	380	N.D.	
35)	Anthracene	25.59	178	635	N.D.	
36)	Di-n-butylphthalate	27.55	149	2511	N.D.	
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	33.64	228	2255	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.85	149	1112	N.D.	
44)	Chrysene	33.71	228	1029	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	631	N.D.	
48)	Benzo(k)fluoranthene	36.69	252	631	N.D.	
49)	Benzo(a)pyrene	37.86	252	1990	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.	

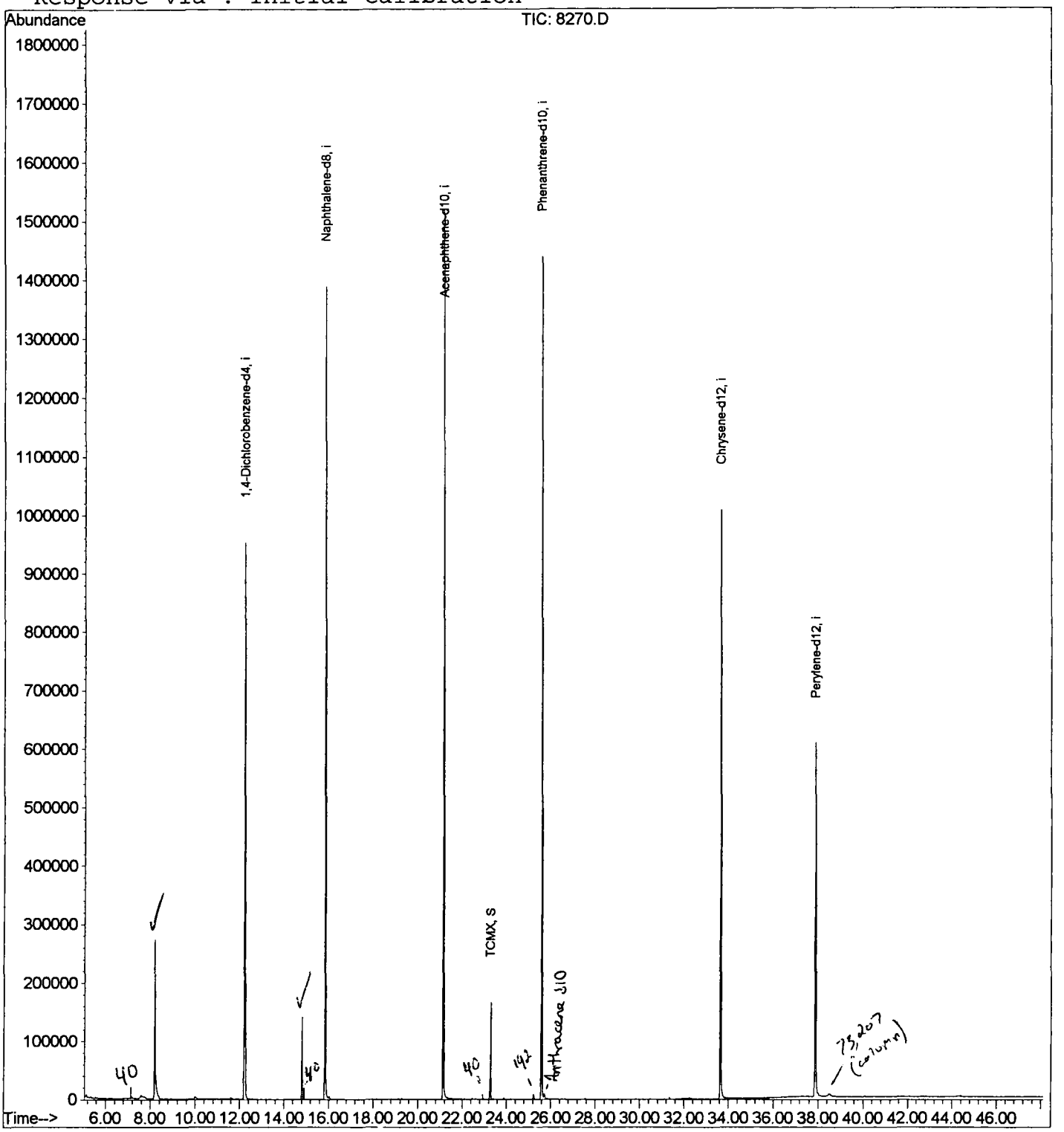
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\8270.D
Acq On : 18 Apr 2002 2:54 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:28 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00
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\APR1802\8270.D Vial: 4
Acq On : 18 Apr 2002 2:54 pm Operator:
Sample : 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

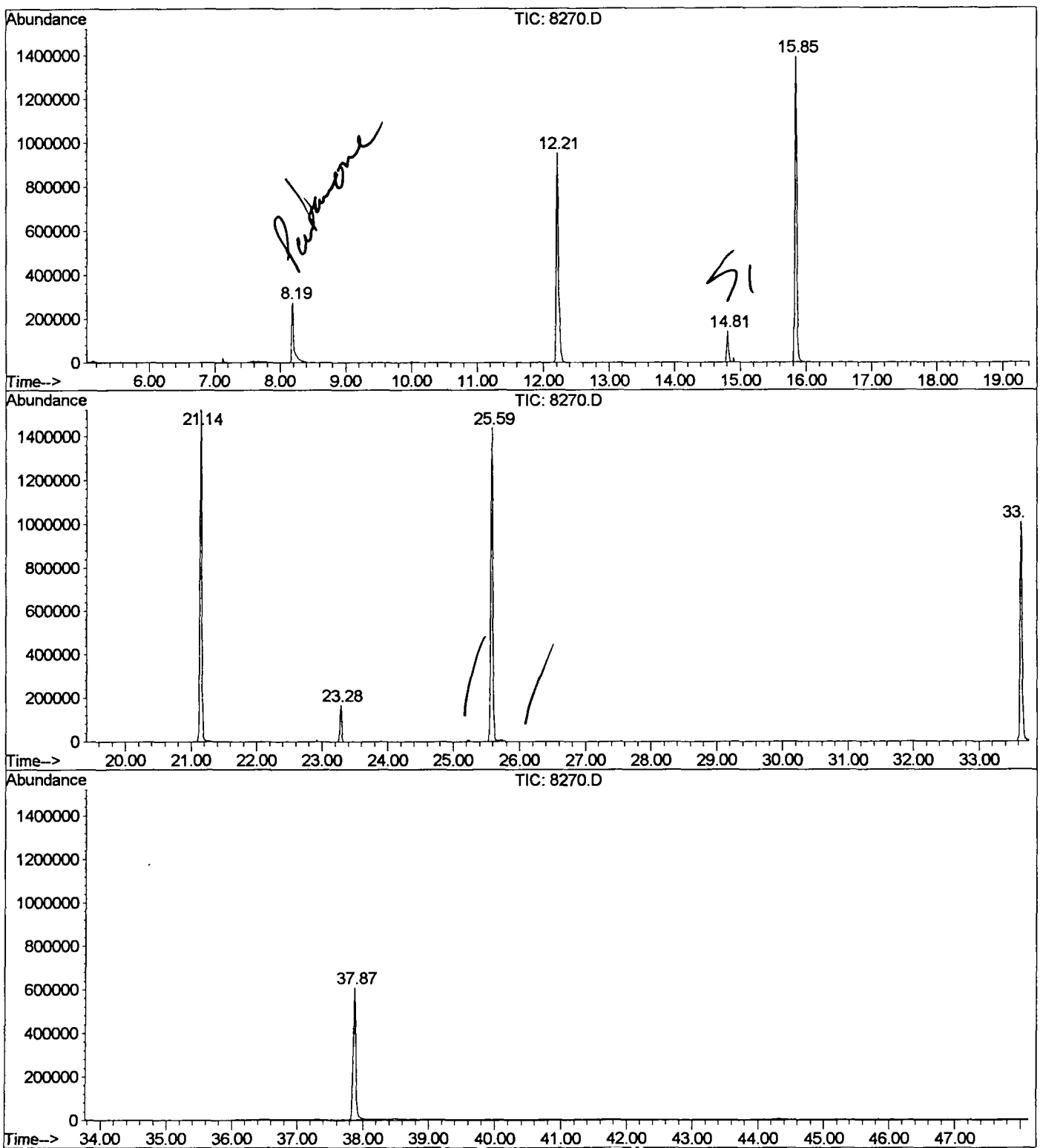
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.191	339	343	369	rVB	272293	678280	21.83%	4.112%
2	12.212	776	781	798	rVB	952093	2310480	74.36%	14.008%
3	14.810	1059	1064	1070	rBB	142266	265270	8.54%	1.608%
4	15.848	1171	1177	1192	rBV	1388586	2848073	91.66%	17.268%
5	21.145	1748	1754	1771	rBV	1521277	3107226	100.00%	18.839%
6	23.284	1981	1987	1993	rVB	167036	323852	10.42%	1.963%
7	25.588	2232	2238	2250	rBV2	1438555	2948198	94.88%	17.875%
8	33.639	3109	3115	3135	rBV2	1008015	2269158	73.03%	13.758%
9	37.871	3568	3576	3595	rBV2	604790	1743138	56.10%	10.569%

Sum of corrected areas: 16493675

8270.D GCMS0412.M Fri Apr 19 08:30:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\8270.D
Operator :
Acquired : 18 Apr 2002 2:54 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name:
Misc Info :
Vial Number: 4
Quant File :GCMS0412.RES (RTE Integrator)



8270.D GCMS0412.M Fri Apr 19 08:30:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\8270.D Vial: 4
Acq On : 18 Apr 2002 2:54 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

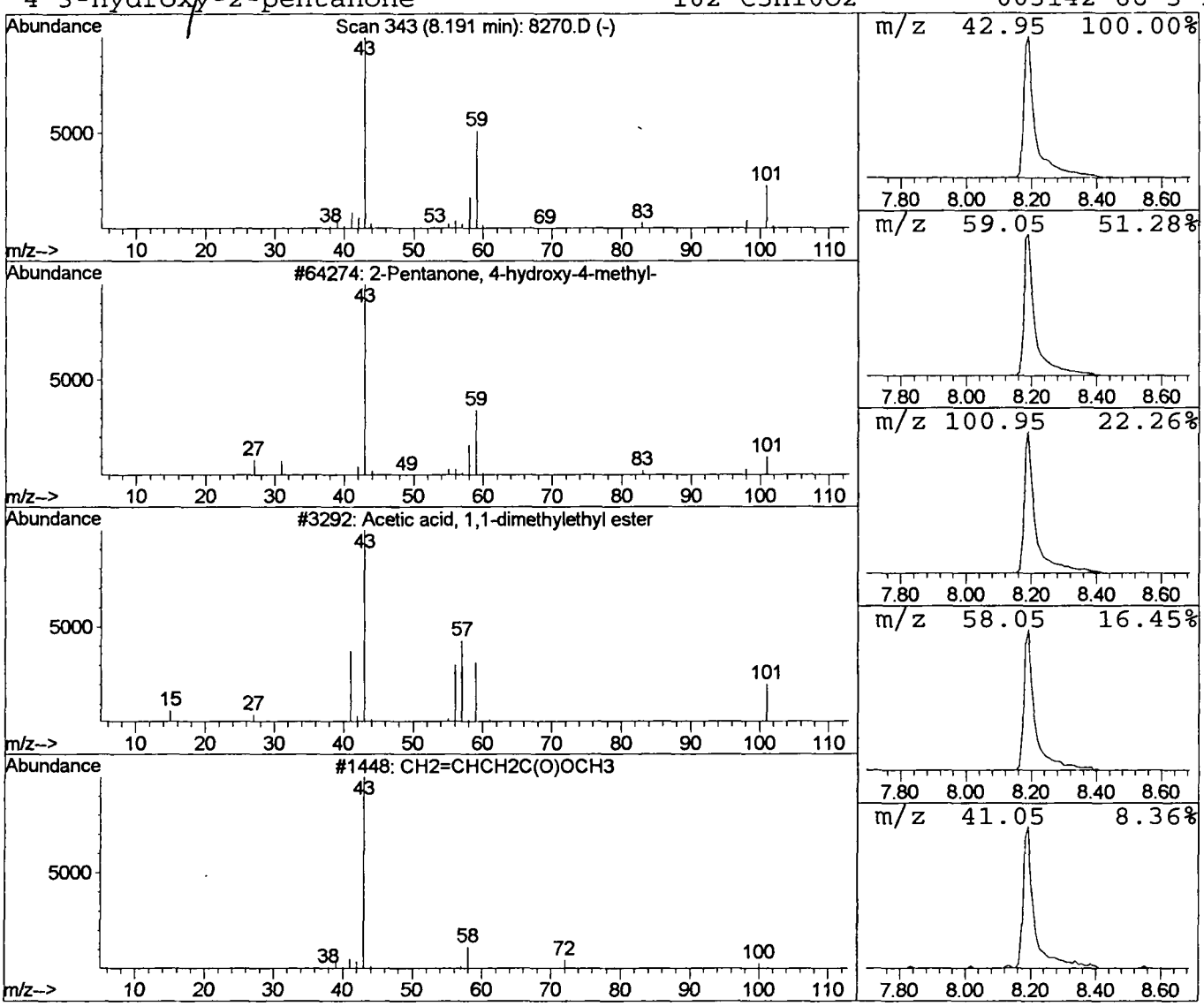
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.87 ug/l	678280	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	56
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\8270.D Vial: 4
Acq On : 18 Apr 2002 2:54 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

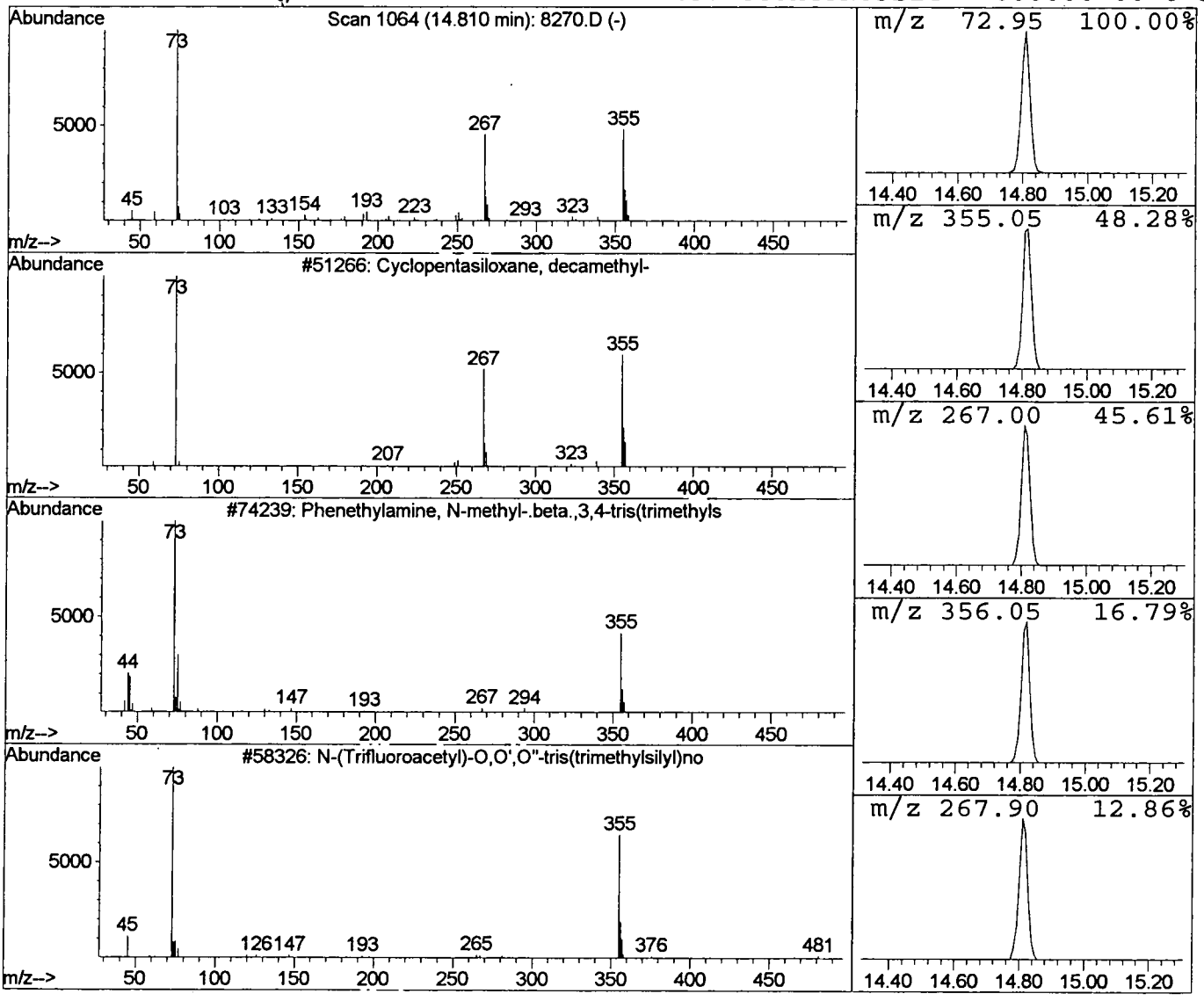
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	1.86 ug/l	265270	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 2:54 pm
Data File: C:\HPCHEM\1\DATA\APR1802\8270.D
Name:
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	5.9	ug/l	678280	ISTD01	12.21	2310480	20.0
Cyclopentasiloxane,	14.81	1.9	ug/l	265270	ISTD02	15.85	2848070	20.0

8270.D GCMS0412.M Fri Apr 19 08:30:57 2002