User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:45:18

Sample: AE11597
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 10:44 Ended: 5/30/02 10:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		10.0

Comments for Sample AE11597 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 10:45:41

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\MAY2102\11597.D Vial: 11
Acq On : 22 May 2002 1:14 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 23 8:08 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	396671	40.00	ug/l	-0.07
10) Naphthalene-d8	15.78	136	1551544	40.00	ug/l	-0.07
17) Acenaphthene-d10	21.09	164	744846	40.00	ug/l	-0.06
30) Phenanthrene-d10	25.53	188	976932	40.00	ug/l	-0.06
38) Chrysene-d12	33.60	240	566864	40.00	ug/l	-0.06
44) Perylene-d12	37.83	264	367521	40.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.23	209	143158	39.48	ug/L	-0.06
Spiked Amount 10.000			Recovery = 394.80%			98.7%
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	15.84	128	100	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	22.58	149	669	N.D.		
26) 4-Chlorophenyl-phenylether	23.23	204	671	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	349	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

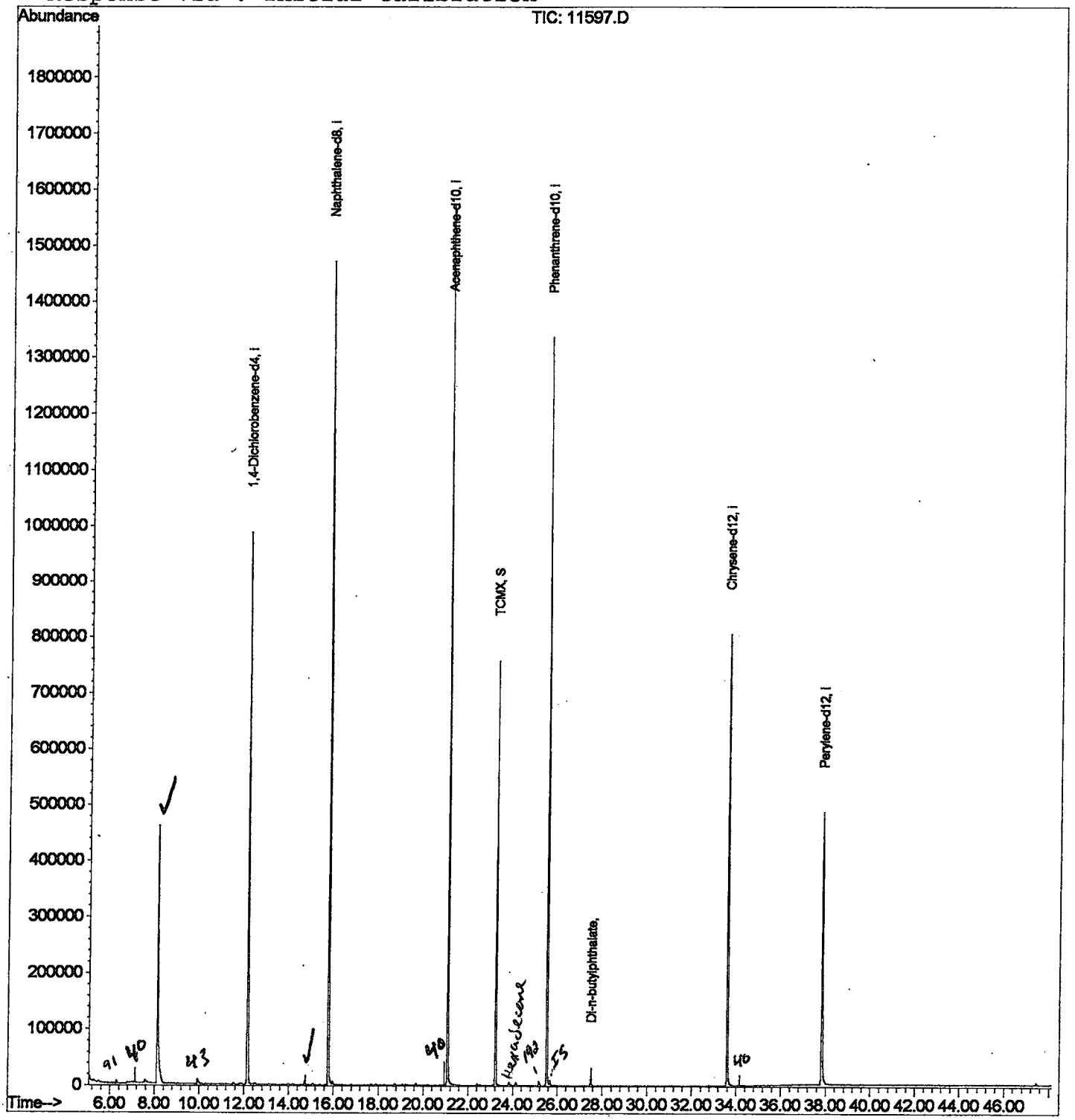
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.52	149	35606	1.10 ug/l #	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.60	228	1423	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	826	N.D.	
43)	Chrysene	33.60	228	1423	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.83	252	1574	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\MAY2102\11597.D Vial: 11
Acq On : 22 May 2002 1:14 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 23 8:08 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11597.D Vial: 11
Acq On : 22 May 2002 1:14 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

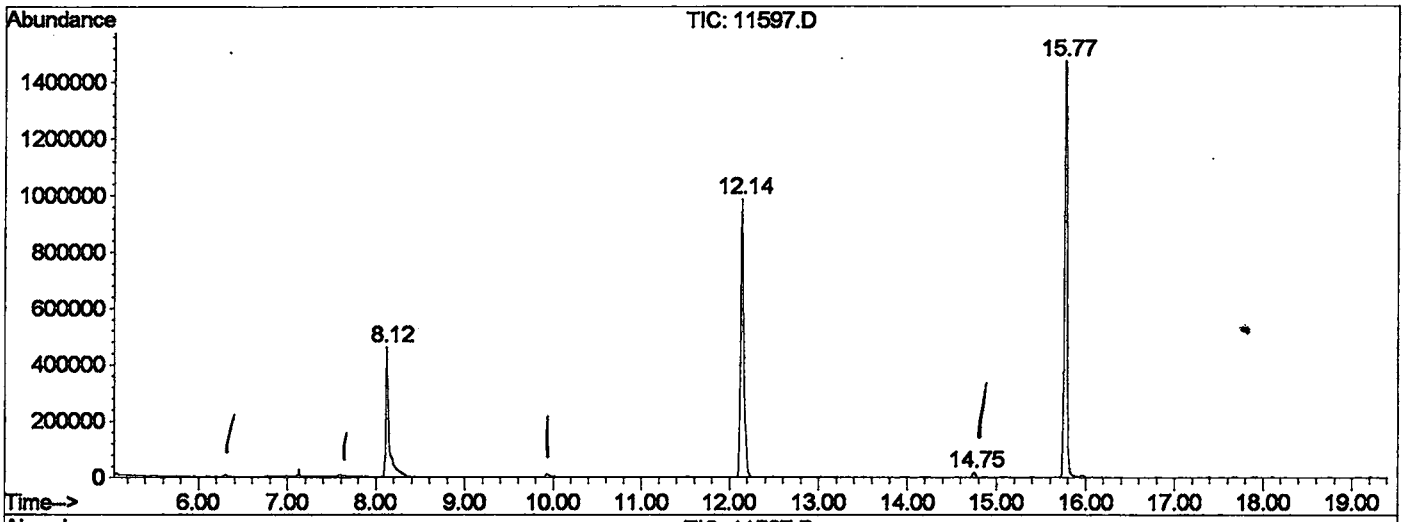
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.120	332	336	367	rBV	459637	1193036	37.69%	6.769%
2	12.143	769	775	789	rBV	985884	2435520	76.95%	13.818%
3	14.754	1055	1060	1067	rVB	17073	33546	1.06%	0.190%
4	15.772	1165	1171	1189	rBV	1470982	3160949	99.87%	17.934%
5	21.086	1745	1751	1764	rBV	1574577	3164999	100.00%	17.957%
6	23.231	1977	1985	1994	rBV	757467	1532625	48.42%	8.695%
7	25.531	2230	2236	2247	rBV2	1336161	2789914	88.15%	15.829%
8	27.510	2448	2452	2460	rVB	31815	63150	2.00%	0.358%
9	33.604	3110	3117	3132	rBV	805441	1832744	57.91%	10.398%
10	37.828	3569	3578	3598	rBV2	485926	1419212	44.84%	8.052%

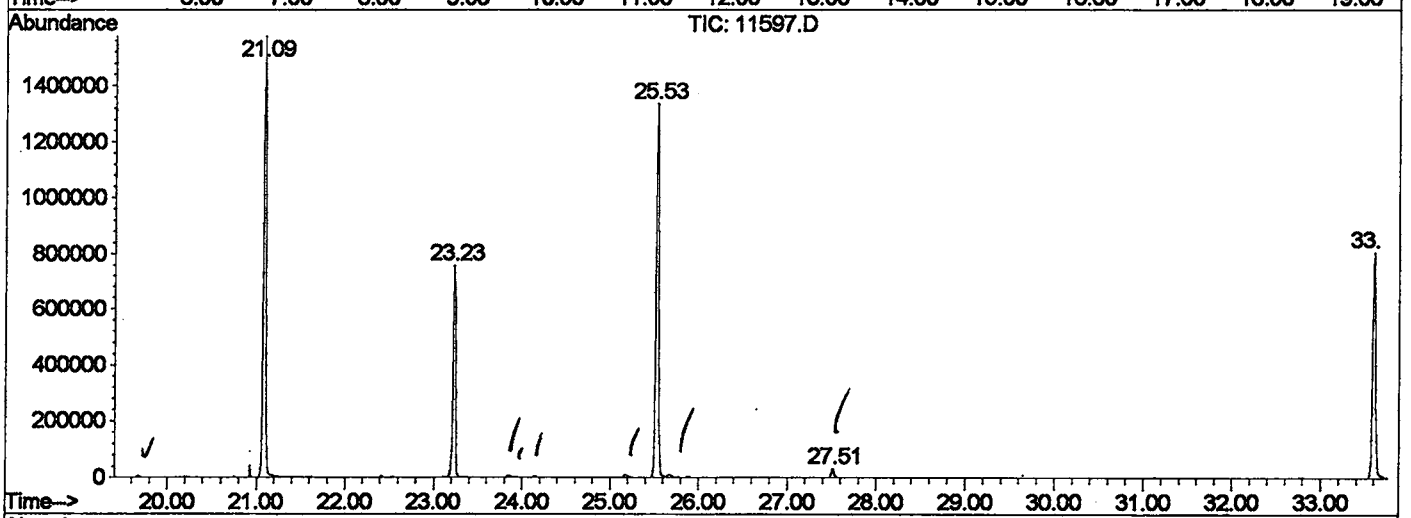
Sum of corrected areas: 17625695

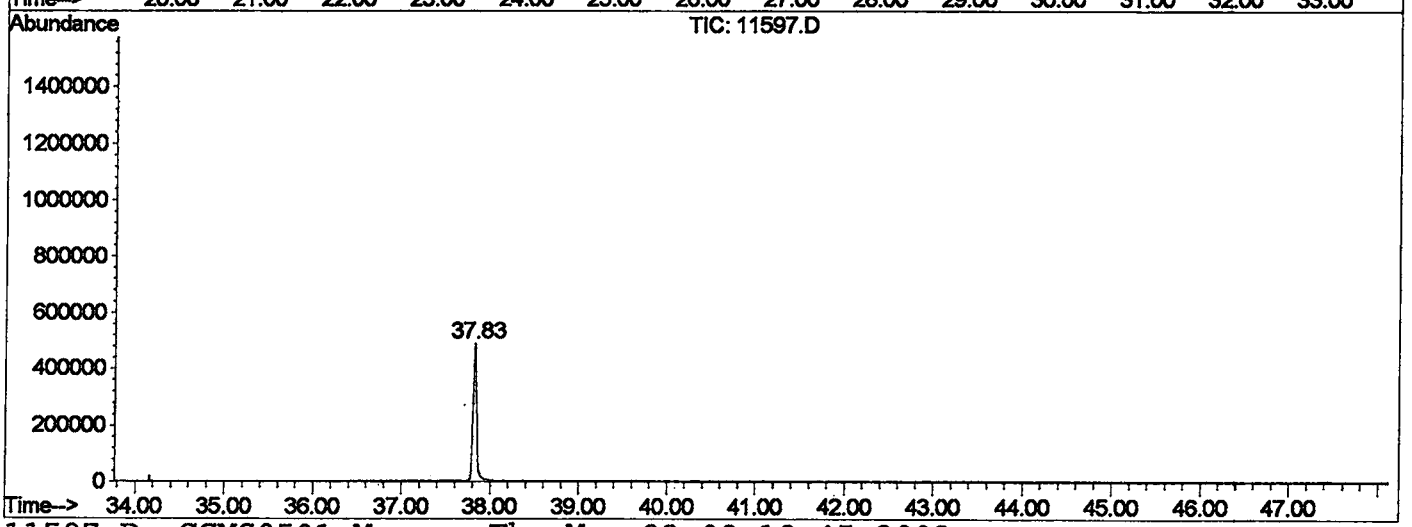
11597.D GCMS0501.M Thu May 23 08:19:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11597.D
Operator :
Acquired : 22 May 2002 1:14 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 11
Quant File :GCMS0501.RES (RTE Integrator)







11597.D GCMS0501.M Thu May 23 08:19:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11597.D Vial: 11
Acq On : 22 May 2002 1:14 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

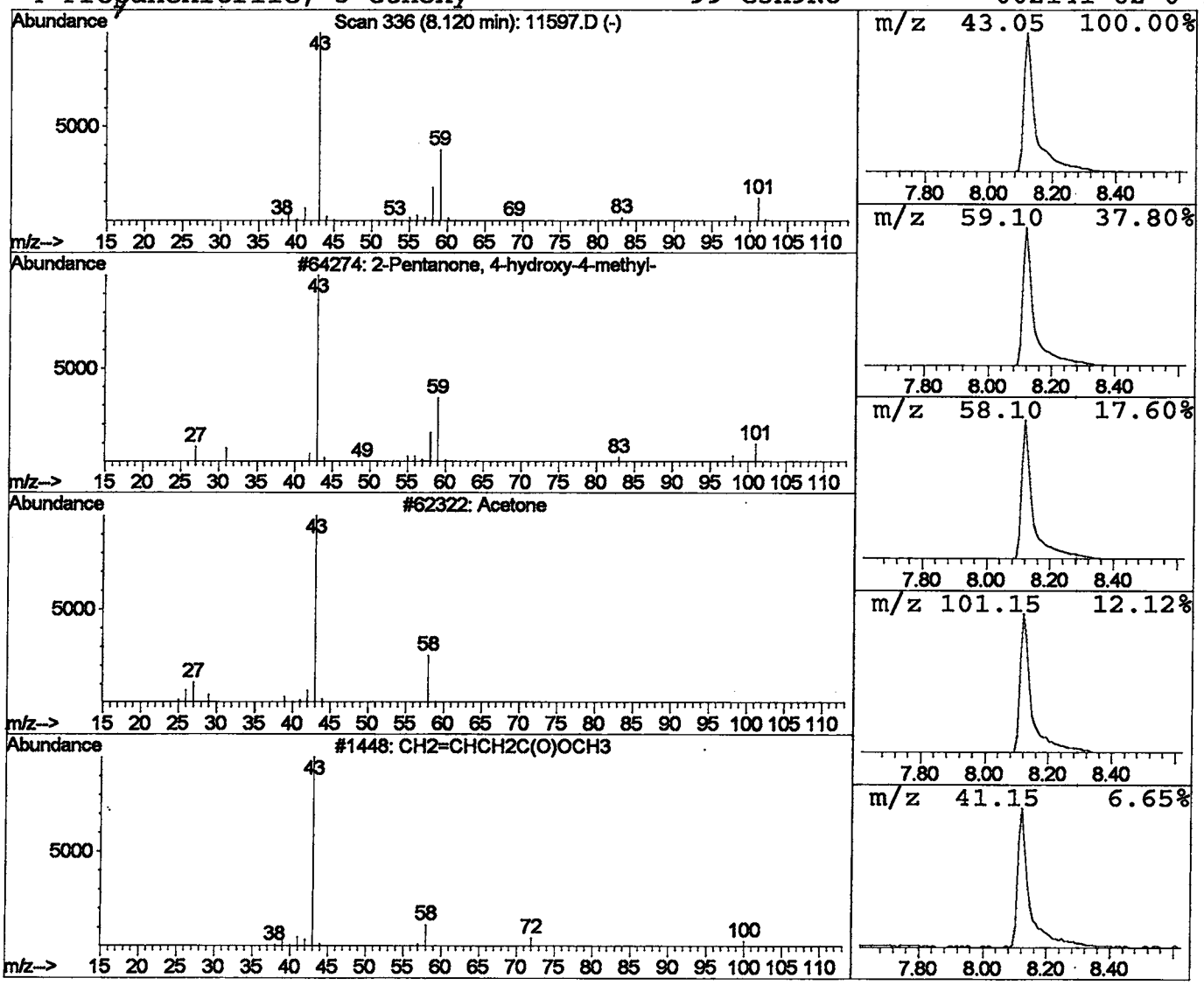
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	19.59 ug/l	1193040	1,4-Dichlorobenzene-d4	12.14

Hit# of 5,	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11597.D Vial: 11
Acq On : 22 May 2002 1:14 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

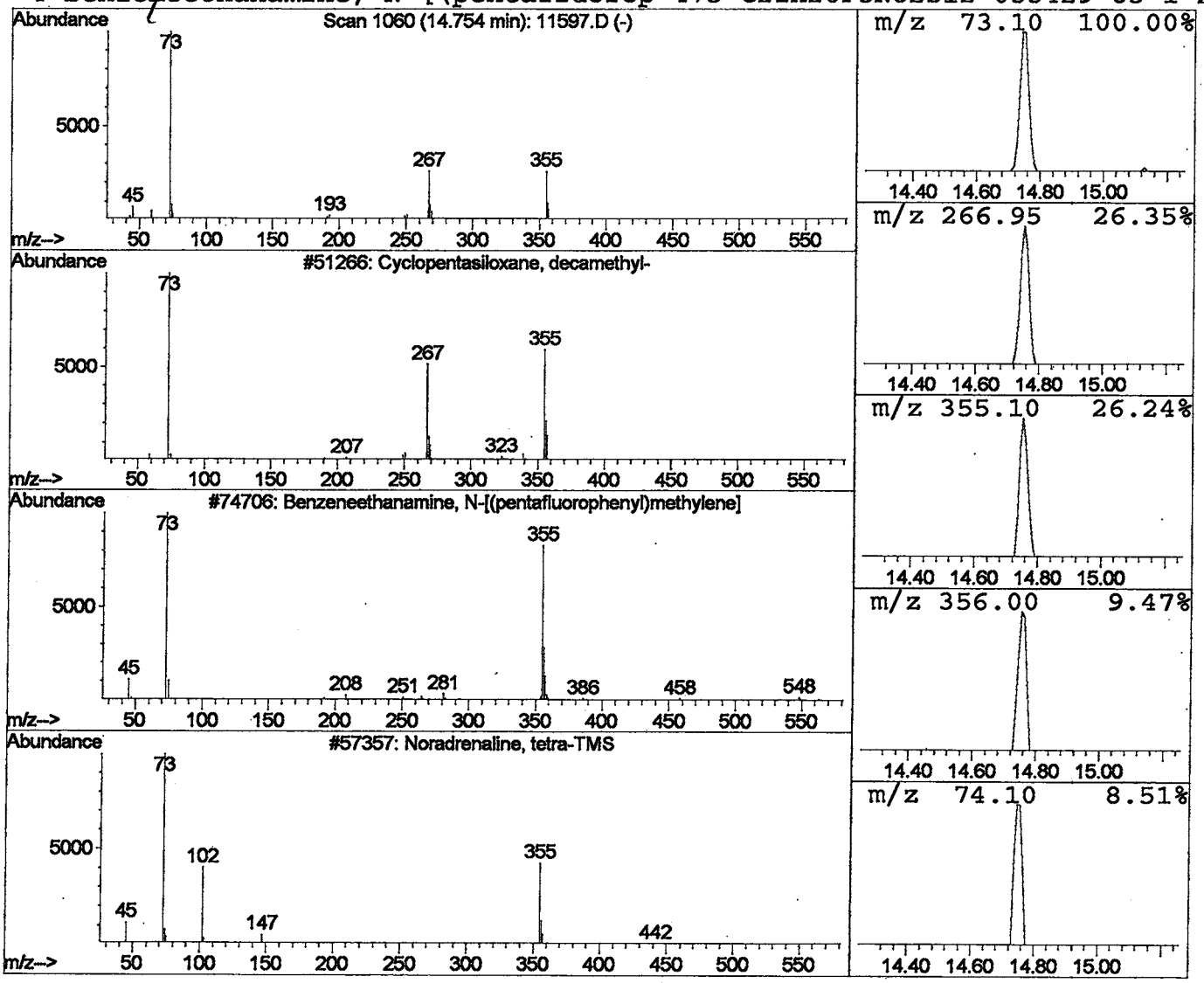
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	0.42 ug/l	33546	Naphthalene-d8	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	25
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 1:14 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11597.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.12	19.6	ug/l	1193040	ISTD01	12.14	2435520	40.0
Cyclopentasiloxane,	14.75	0.4	ug/l	33546	ISTD02	15.78	3160950	40.0

11597.D GCMS0501.M Thu May 23 08:19:48 2002