User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:15:35

Sample: AE12571
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:15 Ended: 6/7/02 14:15 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE12571 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:16:07

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\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:47 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	462812	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1842530	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	882311	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1362447	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	768823	40.00	ug/l	-0.04
44) Perylene-d12	37.66	264	451601	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	177615	29.10	ug/L	-0.02
Spiked Amount 40.000			Recovery = 72.75%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.40	74	267	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.97	146	334	N.D.		
5) 1,4-Dichlorobenzene	12.11	146	668	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-Nitrosodi-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	15.59	180	290	N.D.		
15) Naphthalene	15.75	128	1630	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	20.53	152	329	N.D.		
23) Acenaphthene	21.08	153	286	N.D.		
24) 2,4-Dinitrotoluene	21.33	165	171	N.D.		
25) Diethylphthalate	22.49	149	289	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	972	N.D.		
27) Fluorene	22.63	166	187	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	589	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.48	178	327	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:47 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

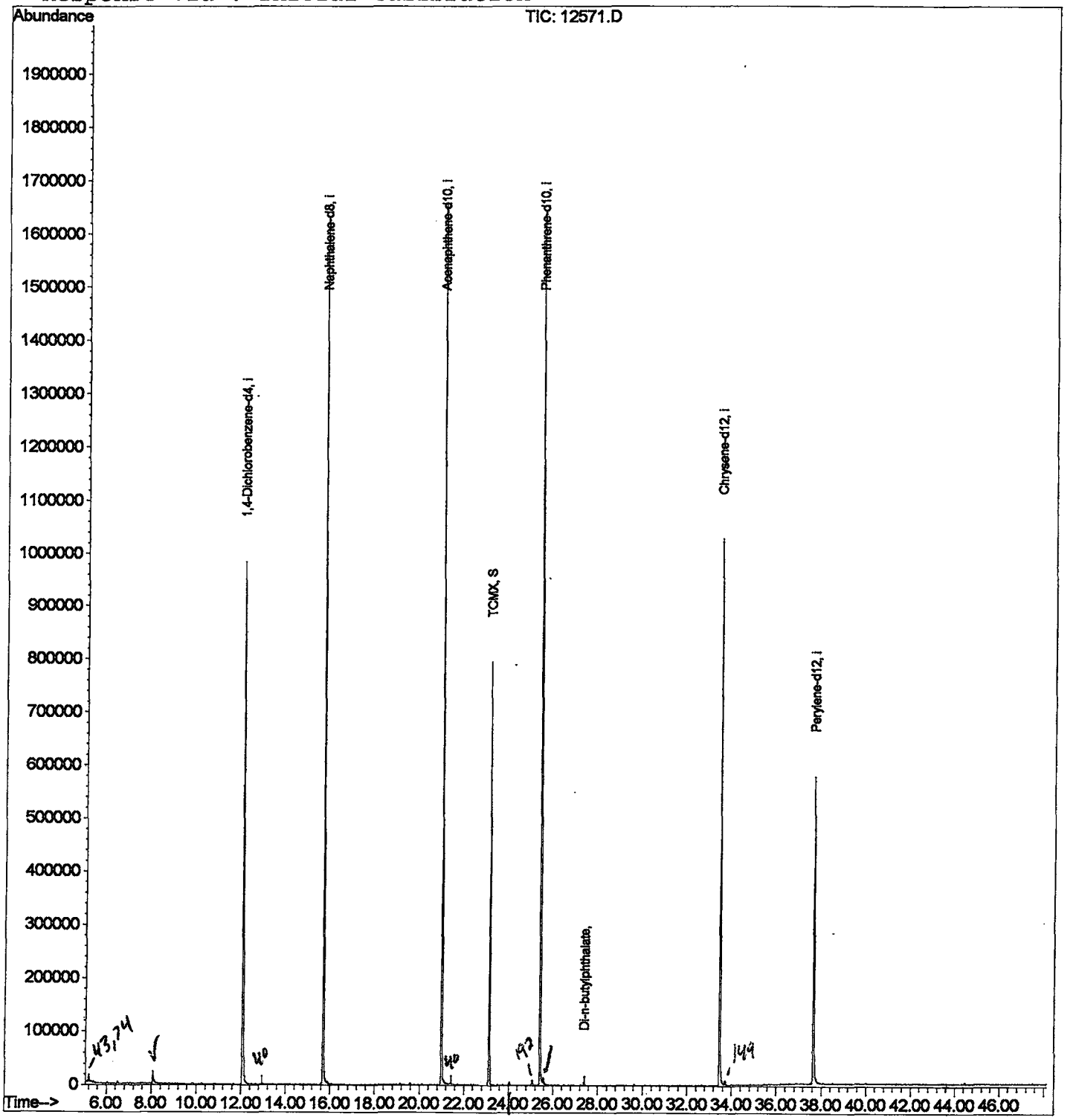
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.48	178	327	N.D.	
36)	Di-n-butylphthalate	27.41	149	21363	0.44 ug/l	100
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.93	149	789	N.D.	
41)	Benzo(a)anthracene	33.47	228	1732	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
43)	Chrysene	33.47	228	1732	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	37.66	252	1706	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\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:47 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

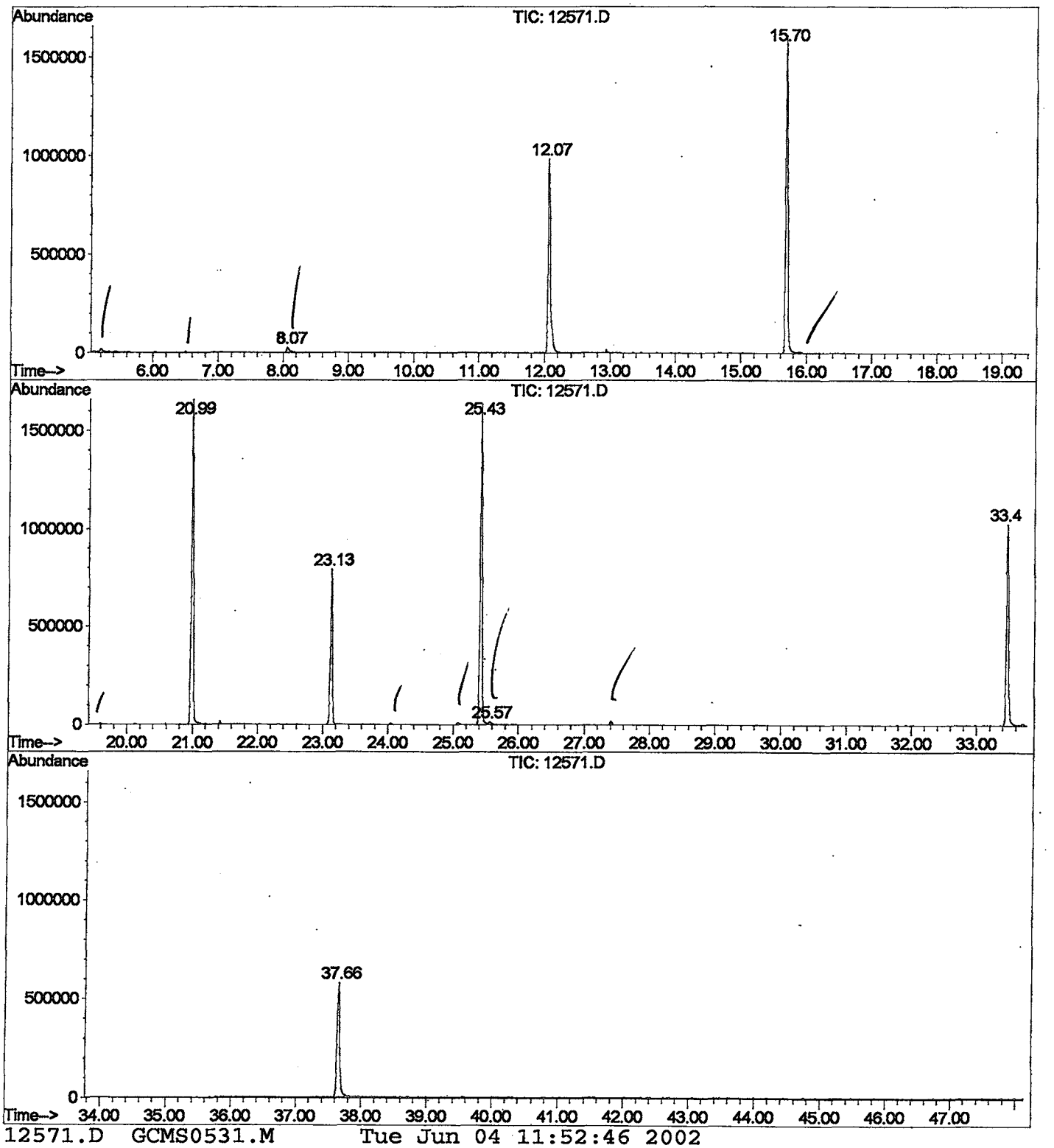
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.068	325	329	345	rBV	24385	74439	2.12%	0.398%
2	12.070	759	765	789	rBV	983995	2527667	71.99%	13.502%
3	15.697	1154	1160	1178	rBV	1607046	3409908	97.12%	18.215%
4	20.994	1730	1737	1751	rBV	1657986	3489760	99.39%	18.641%
5	23.133	1961	1970	1978	rBV	794869	1631658	46.47%	8.716%
6	25.428	2213	2220	2231	rBV	1635529	3511052	100.00%	18.755%
7	25.565	2231	2235	2244	rVB2	12188	35522	1.01%	0.190%
8	33.470	3089	3096	3112	rBV2	1028040	2401238	68.39%	12.827%
9	37.656	3544	3552	3562	rBV2	574893	1639156	46.69%	8.756%

Sum of corrected areas: 18720400

12571.D GCMS0531.M Tue Jun 04 11:52:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12571.D
Operator :
Acquired : 4 Jun 2002 5:55 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 22
Quant File :GCMS0531.RES (RTE Integrator)



12571.D GCMS0531.M Tue Jun 04 11:52:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

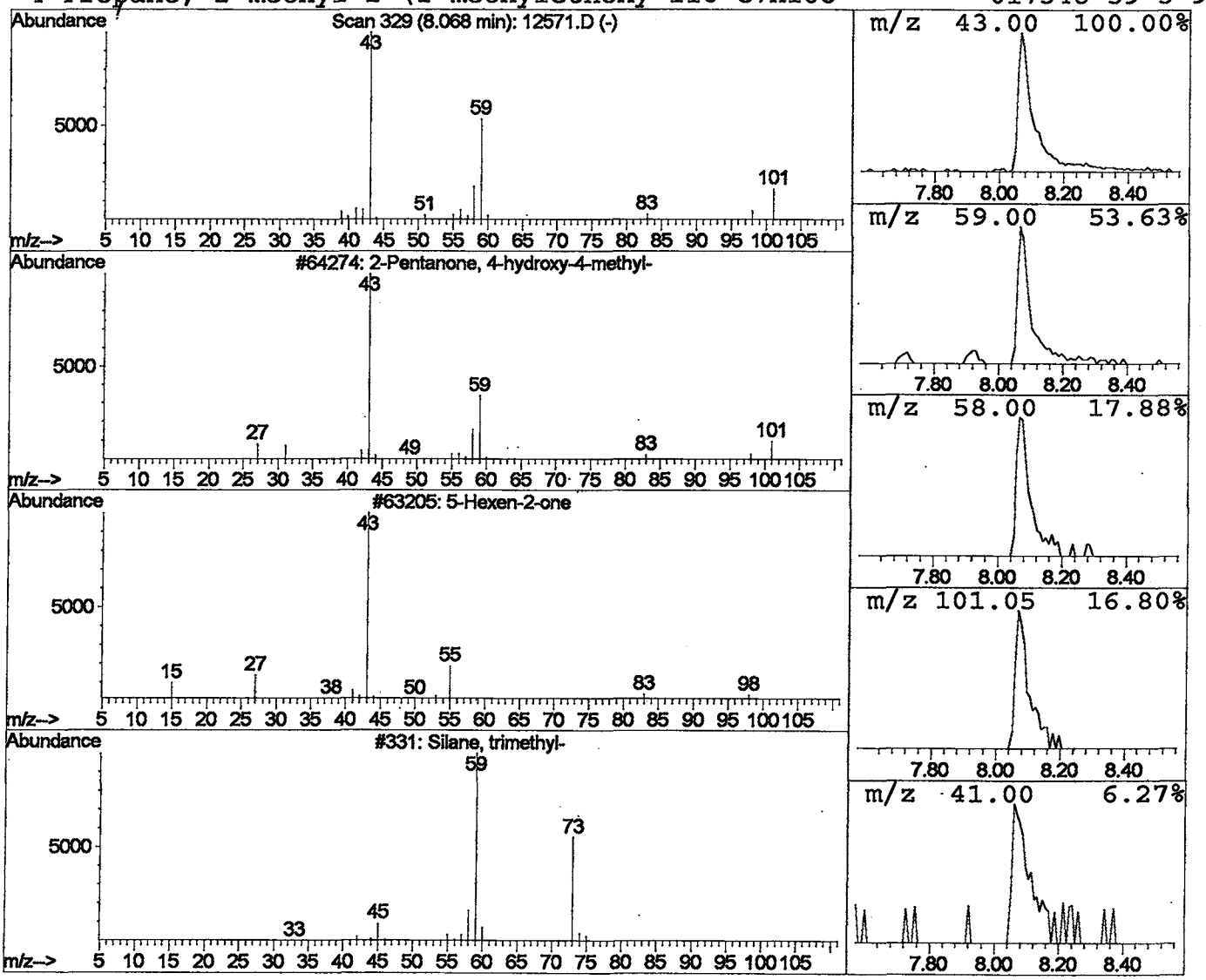
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	1.18 ug/l	74439	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
4	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12571.D Vial: 22
Acq On : 4 Jun 2002 5:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

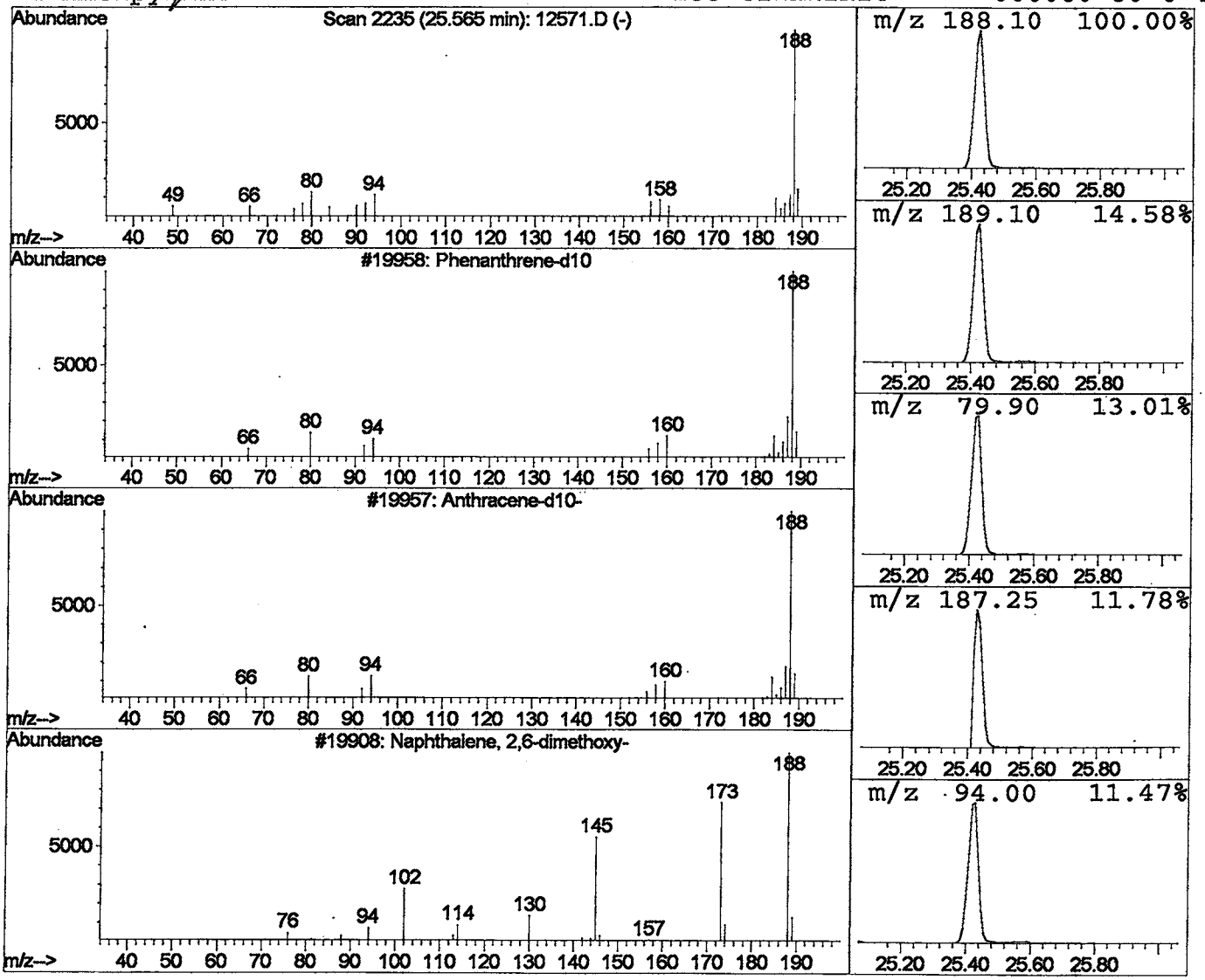
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.40 ug/l	35522	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40
4	Antipyrine	188	C11H12N2O	000060-80-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 5:55 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12571.D
Name: gc/ms scan 5/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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	8.07	1.2	ug/l	74439	ISTD01	12.07	2527670	40.0
Phenanthrene-d10	25.57	0.4	ug/l	35522	ISTD04	25.43	3511050	40.0

12571.D GCMS0531.M Tue Jun 04 11:52:48 2002