User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:01:54

Sample: AE12576
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 15:01 Ended: 6/6/02 15:01 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE12576 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 15:02:26

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\MAY3102\12576.D Vial: 10
Acq On : 31 May 2002 8:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:31 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	497885	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1998888	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	958750	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1520773	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	934695	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	608166	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	214994	32.41	ug/L	-0.01
Spiked Amount 40.000			Recovery = 81.02%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.45	74	462	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-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	14.43	82	2107	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	15.74	128	487	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	20.36	163	467	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	22.49	149	2637	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1616	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	658	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.50	178	806	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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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	25.63	178	649	N.D.	
36)	Di-n-butylphthalate	27.41	149	5668	N.D.	
37)	Fluoranthene	29.11	202	643	N.D.	
39)	Pyrene	29.79	202	316	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.47	228	2202	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	2387	N.D.	
43)	Chrysene	33.47	228	2201	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.59	252	560	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	362	N.D.	
48)	Benzo(a)pyrene	37.65	252	2574	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.	

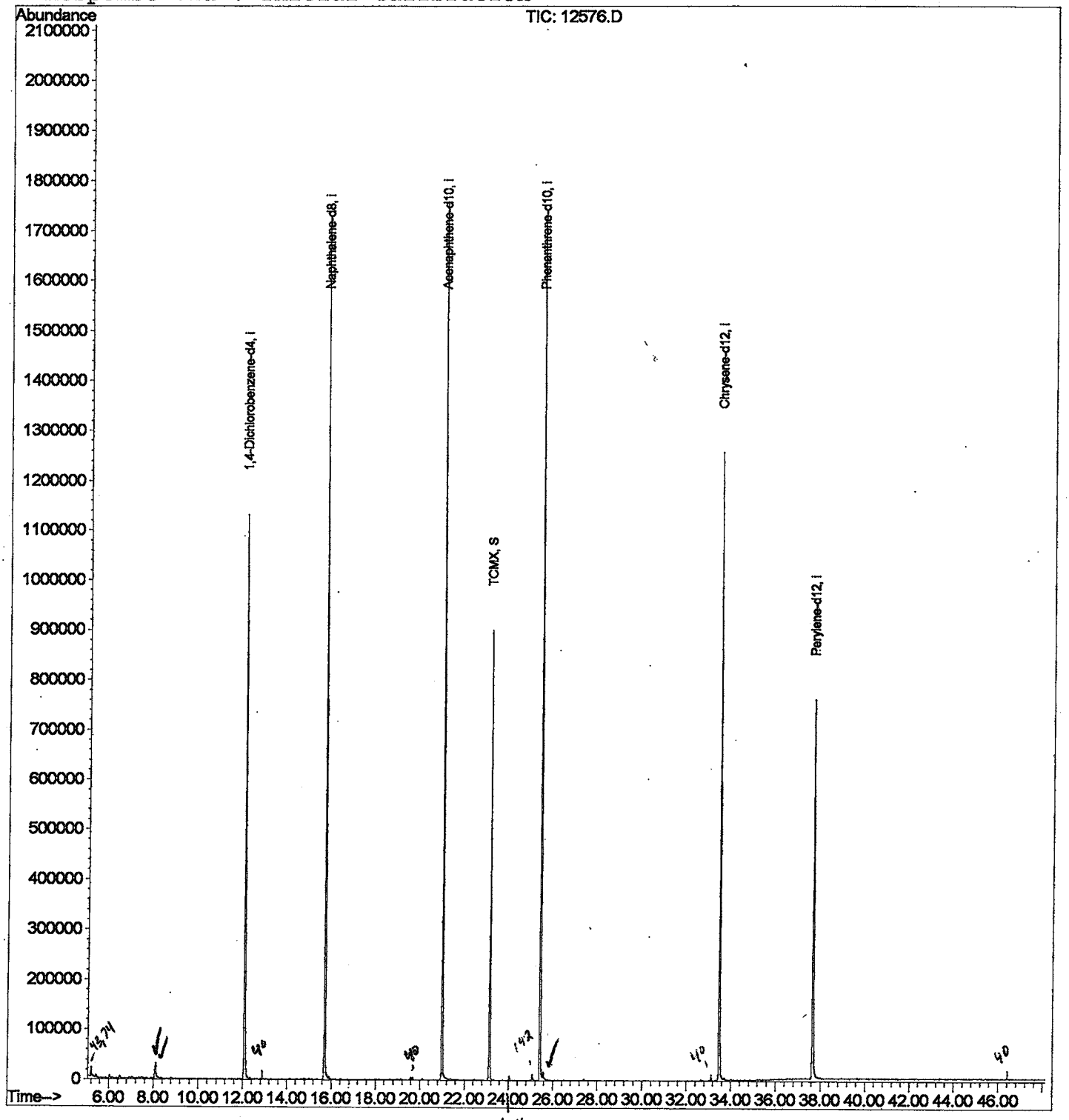
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12576.D
Acq On : 31 May 2002 8:51 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:31 2002

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00
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\MAY3102\12576.D Vial: 10
Acq On : 31 May 2002 8:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 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

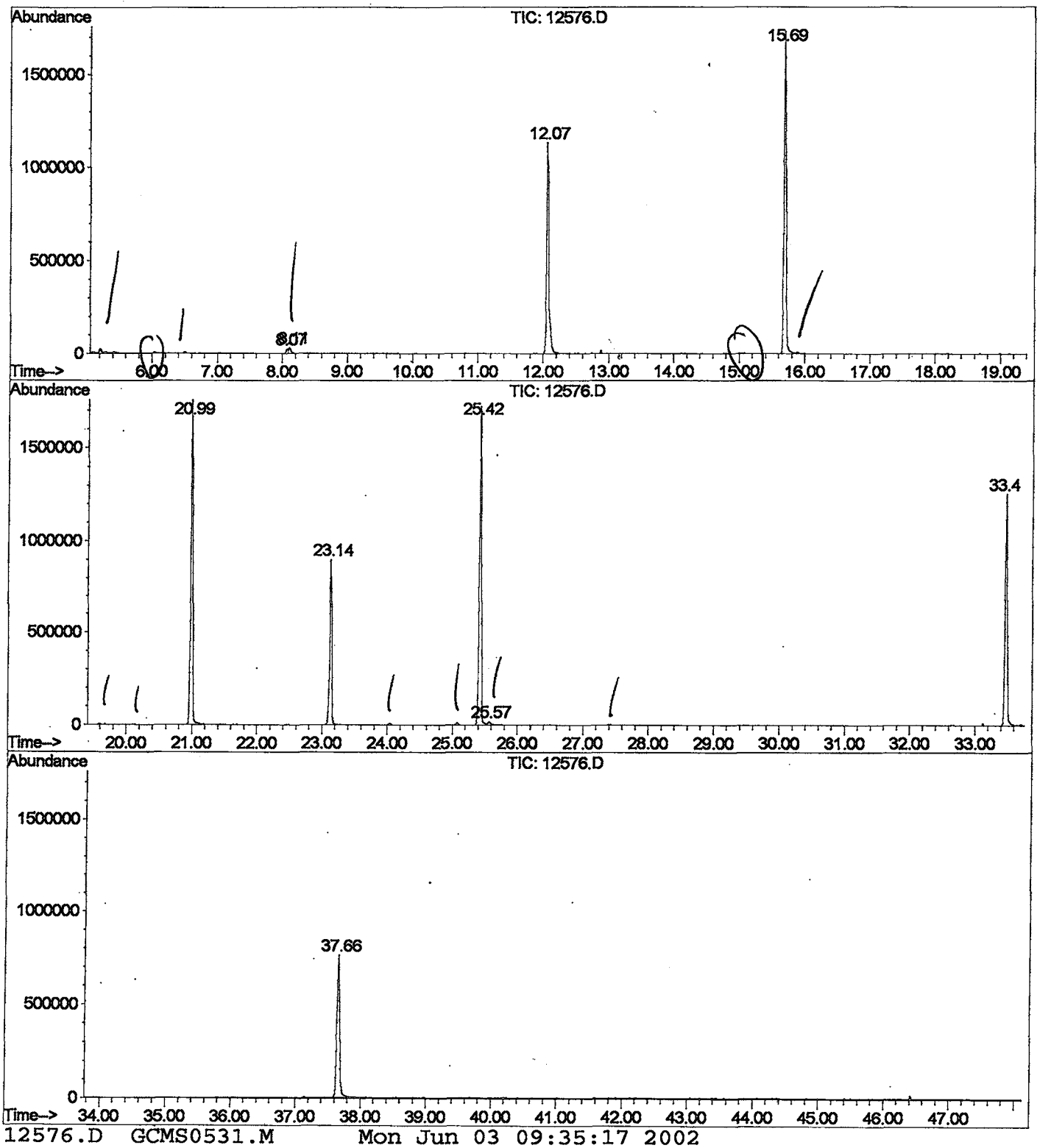
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.073	325	330	331	rBV	24149	42337	1.09%	0.198%
2	8.110	331	334	343	rVB	31294	75597	1.94%	0.353%
3	12.066	759	765	785	rBV	1131717	2714970	69.63%	12.667%
4	15.693	1153	1160	1177	rBV	1729687	3684801	94.50%	17.192%
5	20.990	1730	1737	1753	rBV	1757940	3785905	97.09%	17.664%
6	23.138	1962	1971	1980	rBV	900338	2001405	51.33%	9.338%
7	25.424	2213	2220	2232	rBV2	1723403	3899228	100.00%	18.193%
8	25.571	2232	2236	2249	rVB	16151	50134	1.29%	0.234%
9	33.475	3090	3097	3111	rBV2	1257131	2938155	75.35%	13.709%
10	37.661	3544	3553	3568	rBV2	757852	2240283	57.45%	10.453%

Sum of corrected areas: 21432815

12576.D GCMS0531.M Mon Jun 03 09:35:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12576.D
Operator : Morgan
Acquired : 31 May 2002 8:51 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/29
Misc Info :
Vial Number: 10
Quant File :GCMS0531.RES (RTE Integrator)



12576.D GCMS0531.M Mon Jun 03 09:35:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12576.D
Acq On : 31 May 2002 8:51 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

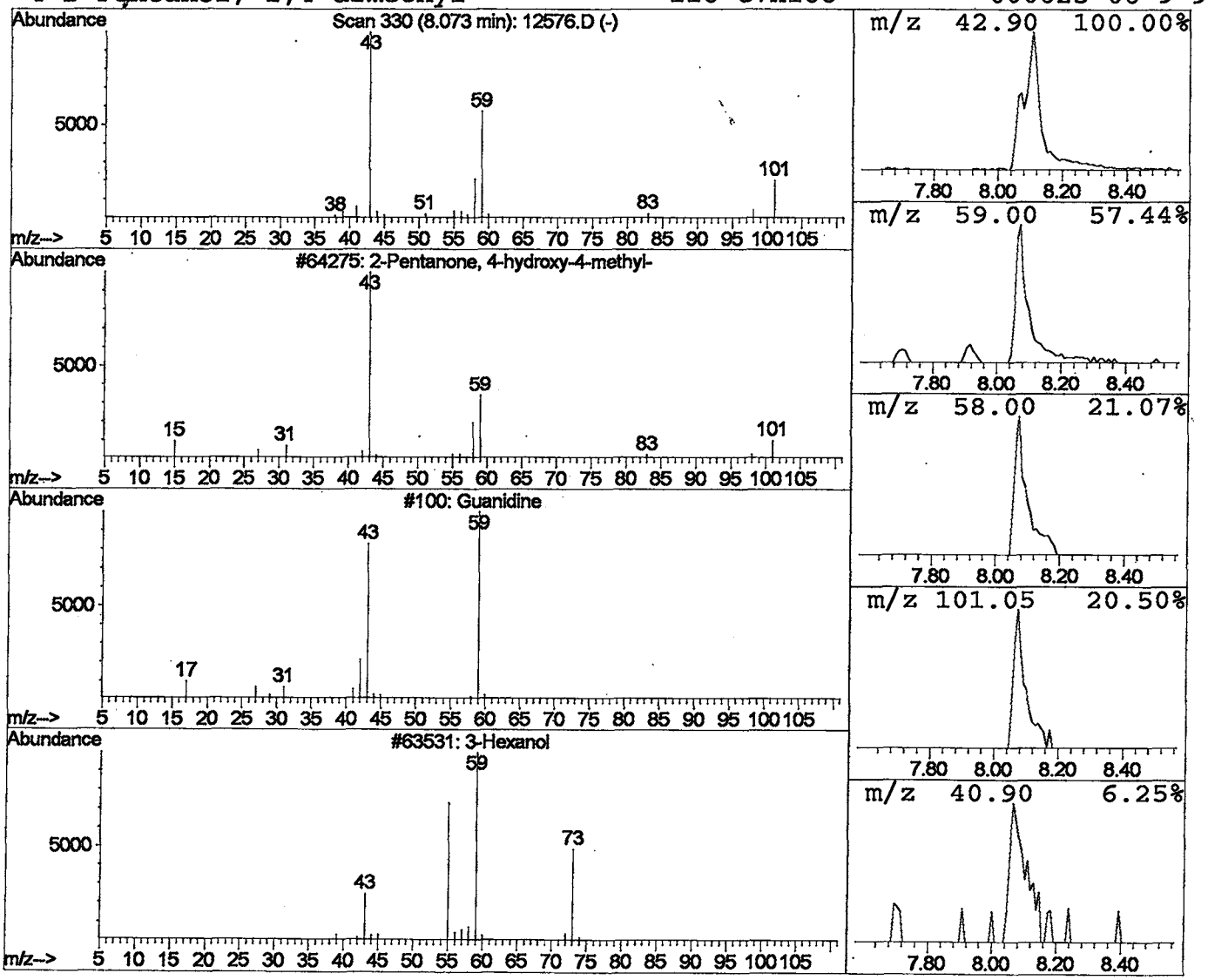
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.62 ug/l	42337	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	42
2	Guanidine	59	CH5N3	000113-00-8	9
3	3-Hexanol	102	C6H14O	000623-37-0	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12576.D
Acq On : 31 May 2002 8:51 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

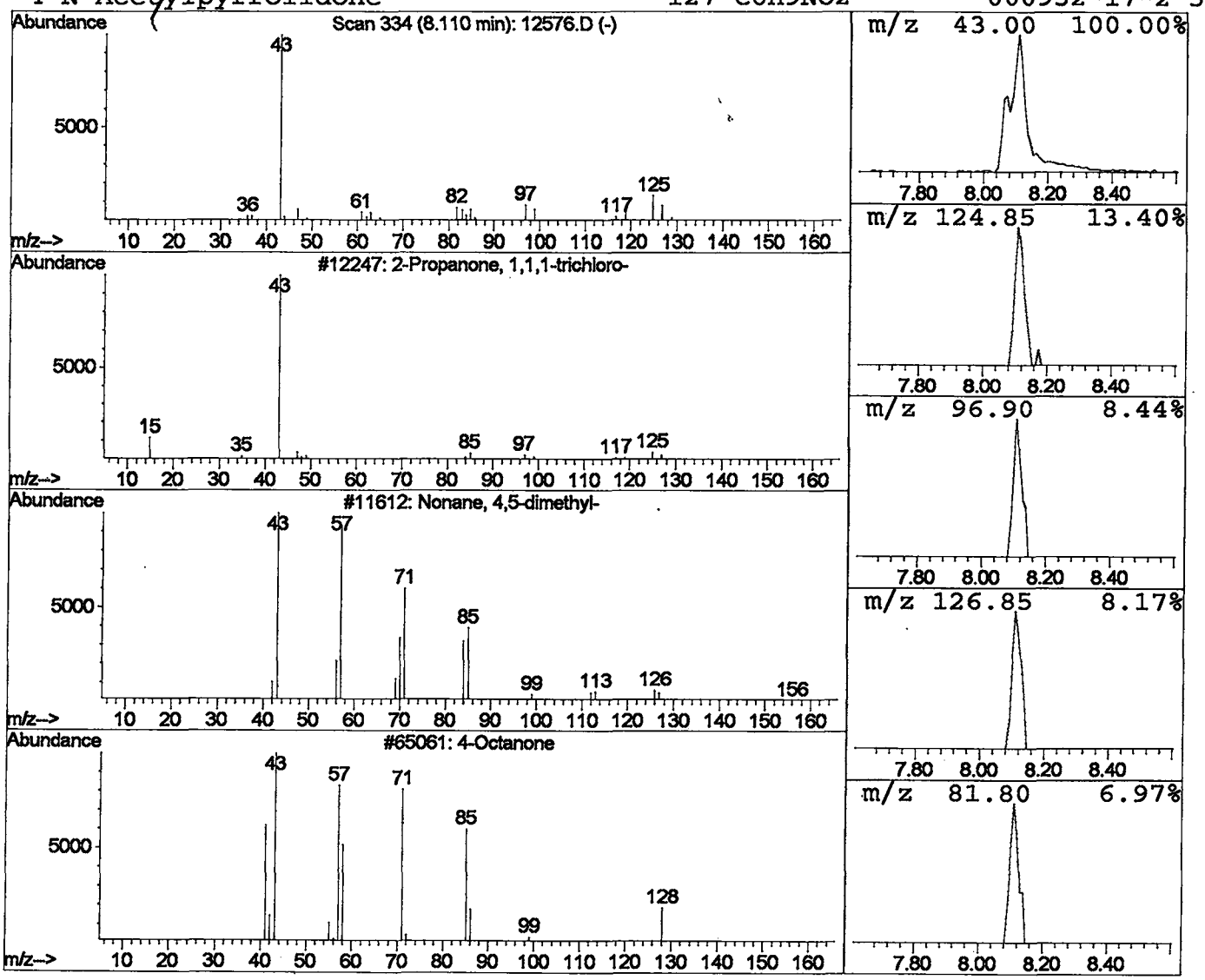
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	1.11 ug/l	75597	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	9
3	4-Octanone	128	C8H16O	000589-63-9	7
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12576.D Vial: 10
Acq On : 31 May 2002 8:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

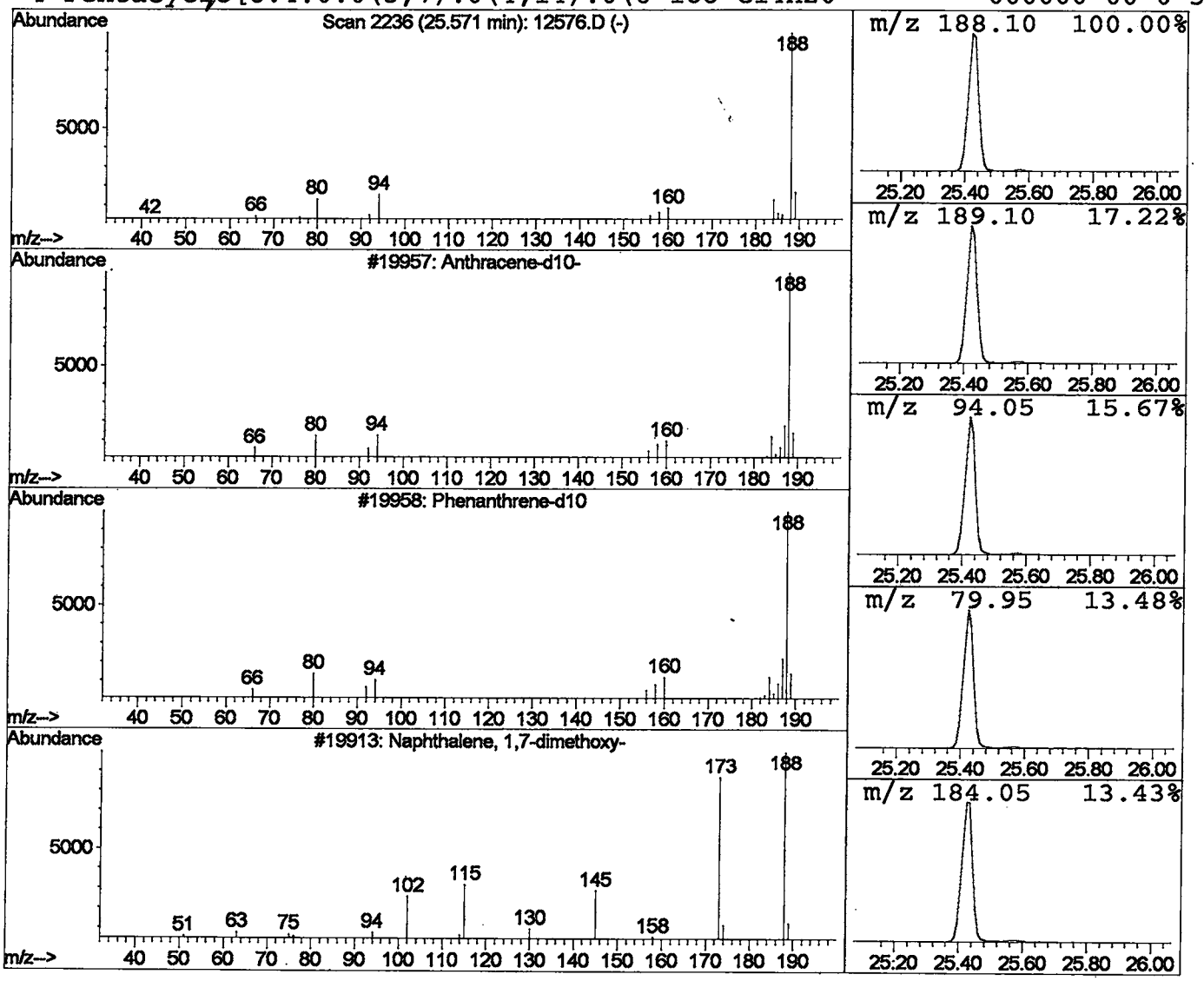
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.51 ug/l	50134	Phenanthrene-d10	25.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 8:51 pm
Data File: C:\HPCHEM\1\DATA\MAY3102\12576.D
Name: gc/ms scan 5/29
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	0.6	ug/l	42337	ISTD01	12.07	2714970	40.0
2-Propanone, 1,1,1-t	8.11	1.1	ug/l	75597	ISTD01	12.07	2714970	40.0
Anthracene-d10-	25.57	0.5	ug/l	50134	ISTD04	25.42	3899230	40.0

12576.D GCMS0531.M Mon Jun 03 09:35:20 2002