User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:21:09

Sample: AE10165
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 14:19 Ended: 5/10/02 14:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE10165 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 14:21:12

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\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:57 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	410531	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1496330	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	827674	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1138276	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	688046	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	418971	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	35345	8.59	ug/L	0.00
Spiked Amount 10.000			Recovery = 85.90%			
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	15.88	128	101	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	22.62	149	414	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	235	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:57 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

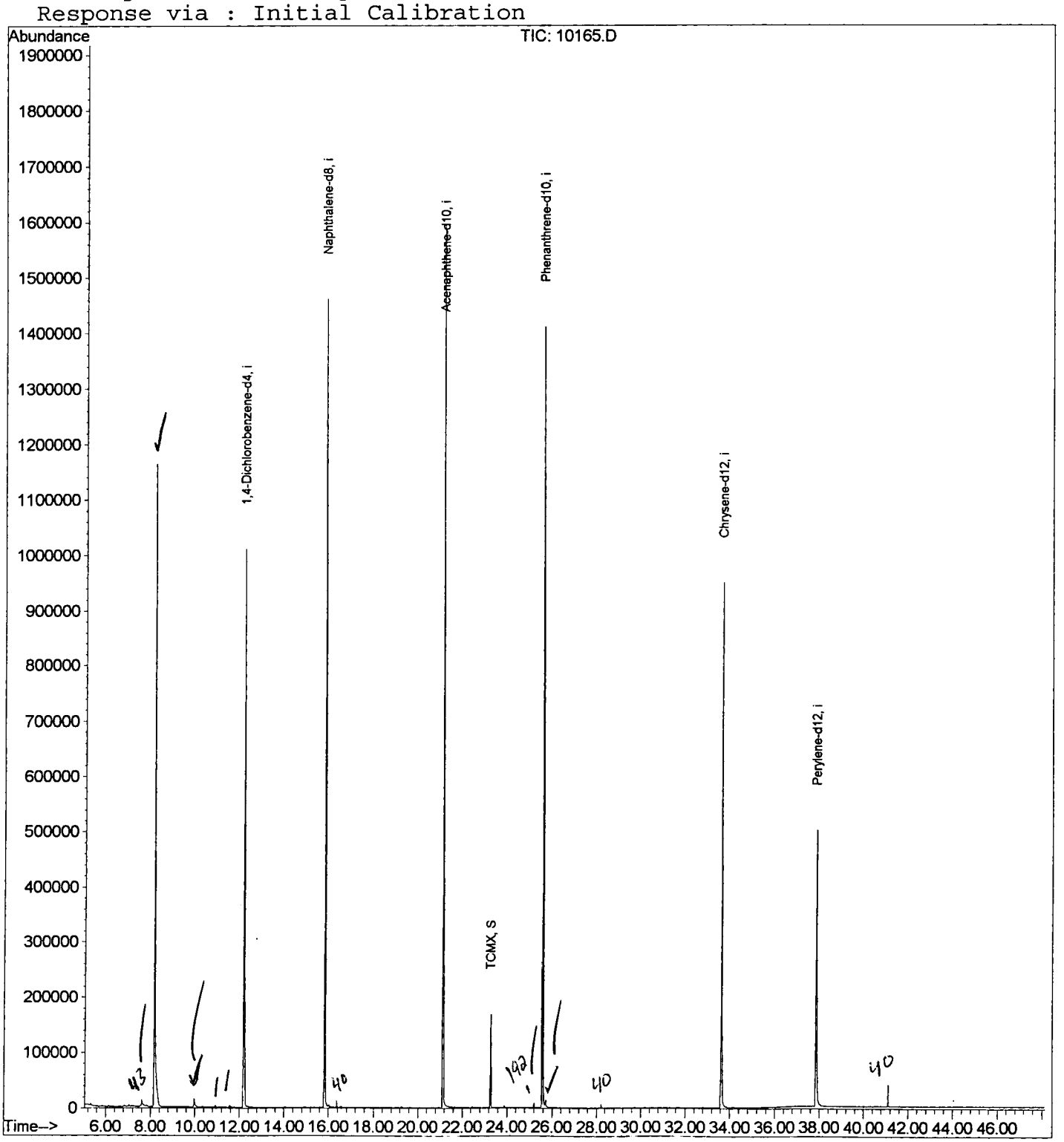
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.58	178	235	N.D.	
36) Di-n-butylphthalate	27.55	149	1343	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.63	228	1590	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	911	N.D.	
43) Chrysene	33.63	228	1590	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	37.86	252	1472	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\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:57 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

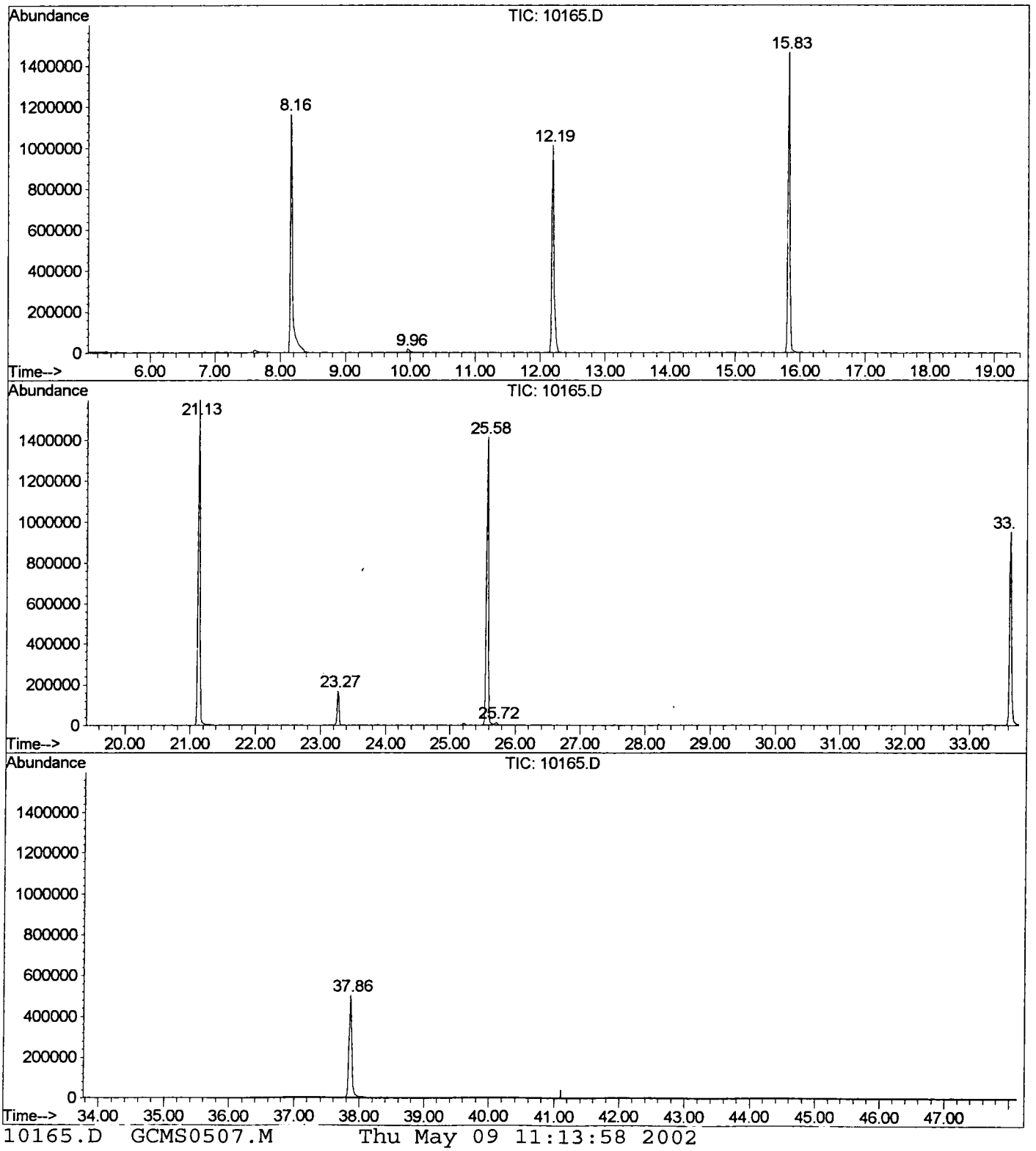
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	336	340	369	rBV	1161767	2761752	83.94%	15.090%
2	9.964	533	537	549	rBV	15426	46163	1.40%	0.252%
3	12.191	775	780	797	rBV	1009437	2343446	71.23%	12.805%
4	15.829	1171	1177	1192	rBV	1460357	2950501	89.68%	16.122%
5	21.134	1749	1756	1770	rBV	1596100	3289987	100.00%	17.977%
6	23.269	1982	1989	1995	rBV	168794	332028	10.09%	1.814%
7	25.579	2234	2241	2252	rBV2	1410534	3030807	92.12%	16.560%
8	25.716	2252	2256	2265	rVB	12946	34023	1.03%	0.186%
9	33.633	3113	3120	3139	rBV	949178	2051256	62.35%	11.208%
10	37.858	3573	3581	3598	rBV2	498625	1461596	44.43%	7.986%

Sum of corrected areas: 18301559

10165.D GCMS0507.M Thu May 09 11:13:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\10165.D
Operator :
Acquired : 8 May 2002 5:35 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 4/29
Misc Info :
Vial Number: 13
Quant File :GCMS0507.RES (RTE Integrator)



10165.D GCMS0507.M Thu May 09 11:13:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

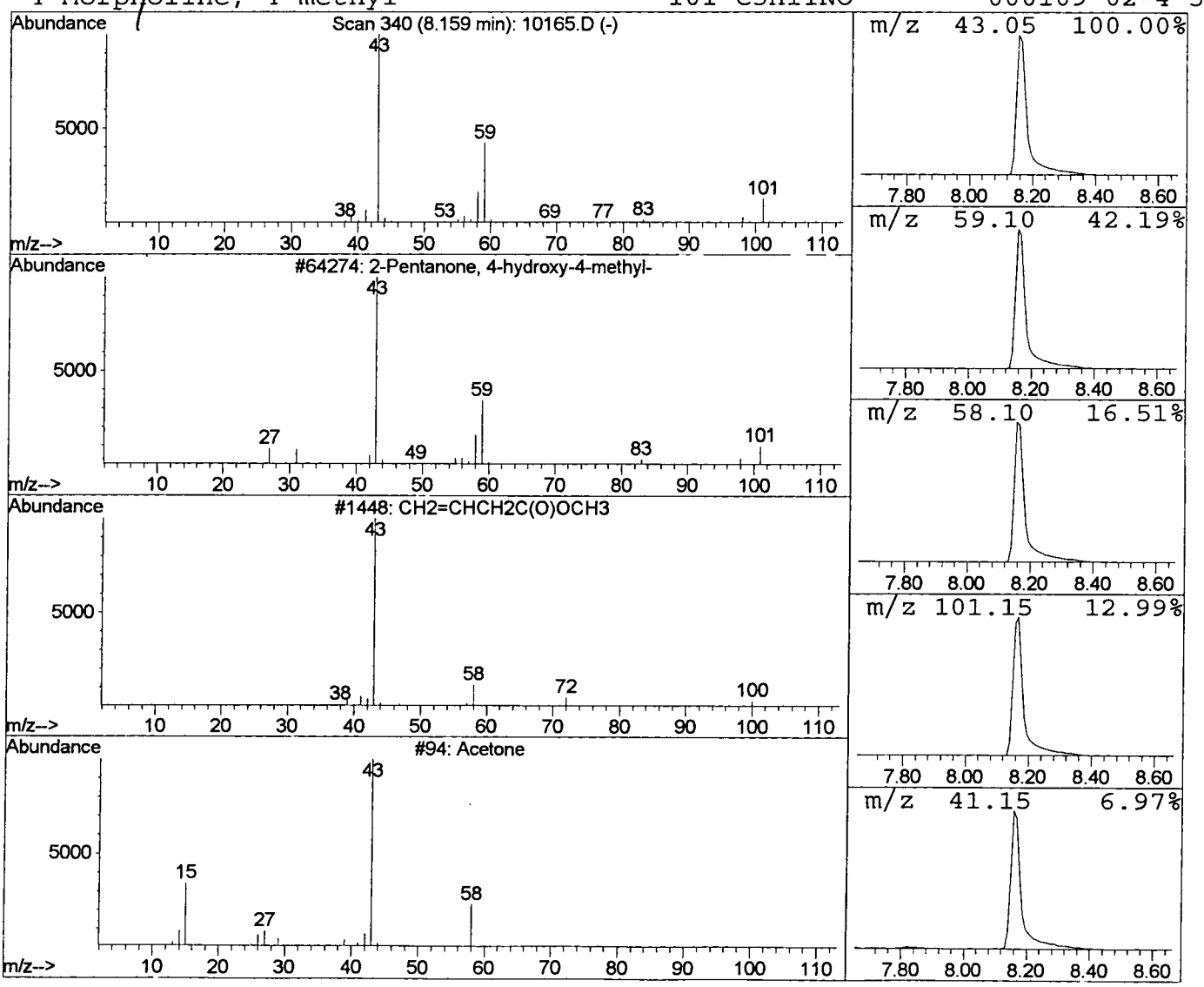
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	47.14 ug/l	2761750	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

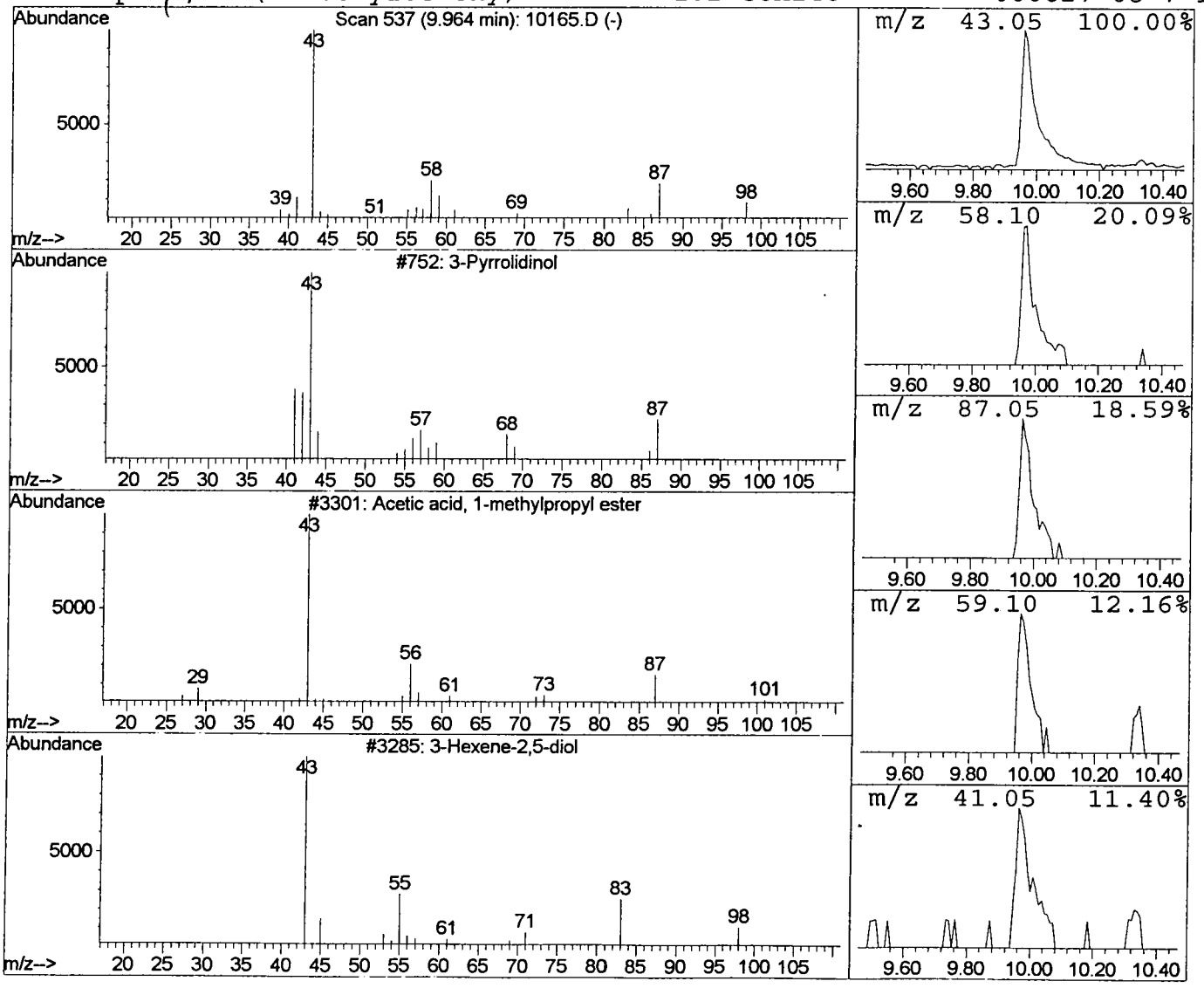
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pyrrolidinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	0.79 ug/l	46163	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	25
2	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	17
3	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	17
4	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10165.D Vial: 13
Acq On : 8 May 2002 5:35 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

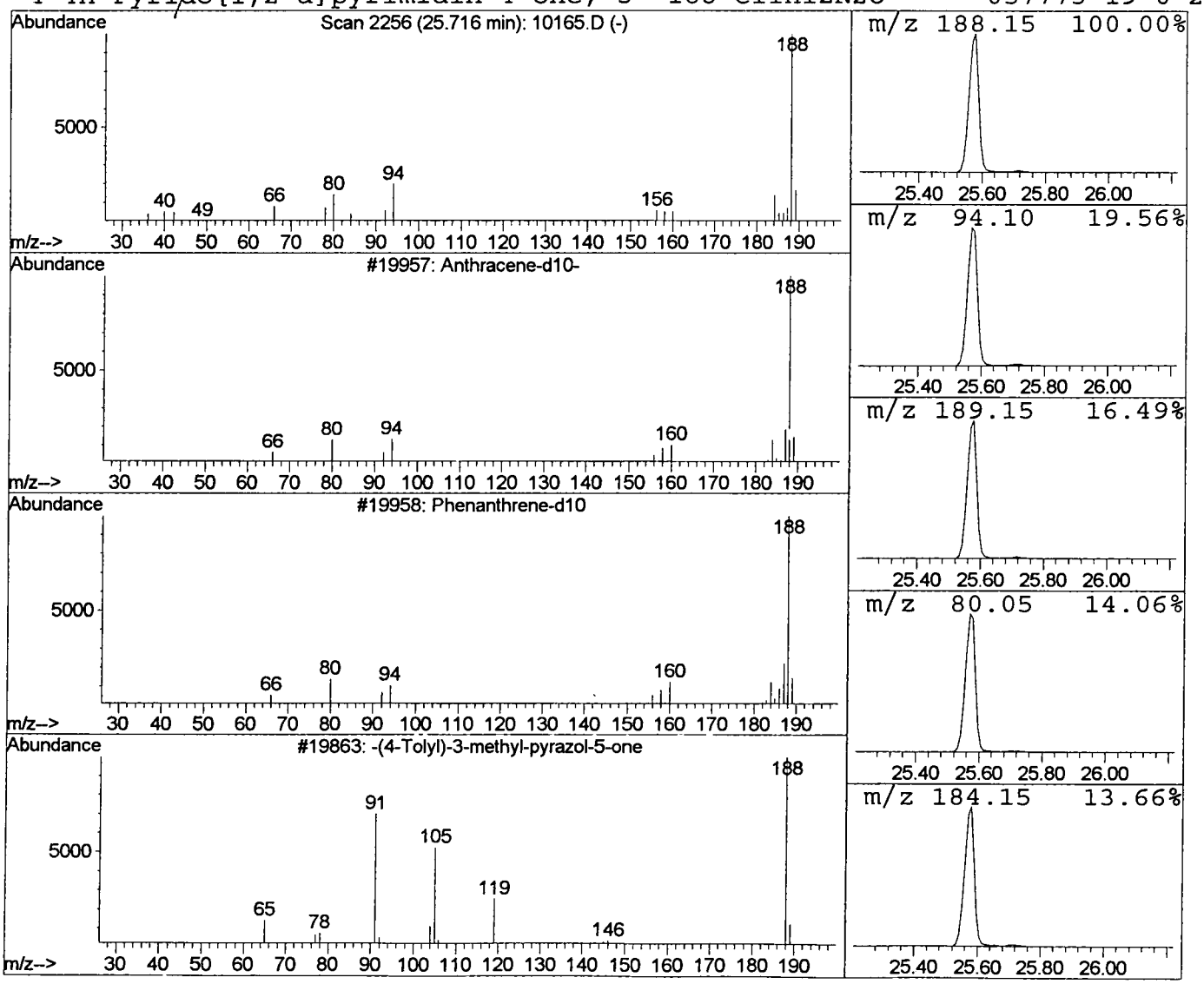
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.45 ug/l	34023	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	74
2	Phenanthrene-d10	188	C14D10	001517-22-2	74
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 5:35 am
Data File: C:\HPCHEM\1\DATA\MAY0602\10165.D
Name: GC/MS SCAN 4/29
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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	8.16	47.1	ug/l	2761750	ISTD01	12.19	2343450	40.0
3-Pyrrolidinol	9.96	0.8	ug/l	46163	ISTD01	12.19	2343450	40.0
Anthracene-d10-	25.72	0.4	ug/l	34023	ISTD04	25.58	3030810	40.0

10165.D GCMS0507.M Thu May 09 11:14:02 2002