Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9682.D Vial: 25
Acq On : 7 May 2002 3:49 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:26 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 : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	570951	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2099761	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	1141433	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1582584	40.00	ug/l	-0.02
38) Chrysene-d12	33.63	240	881686	40.00	ug/l	-0.04
44) Perylene-d12	37.86	264	531275	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	33174	5.97	ug/L	-0.03
Spiked Amount 10.000			Recovery = 59.70%			
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	15.89	128	396	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	950	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	266	N.D.		

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

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:26 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 : GCMS0501

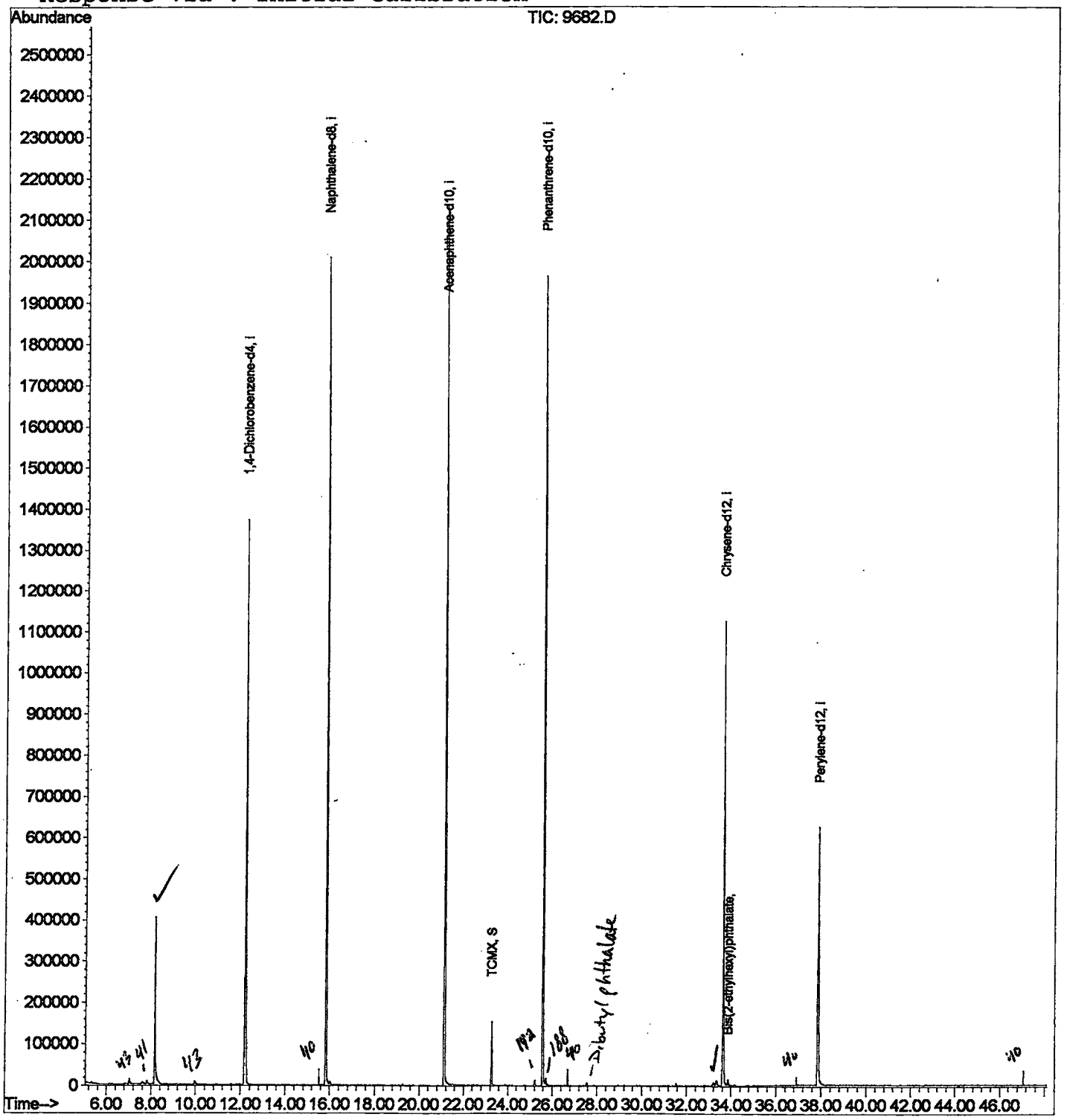
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.58	178	266	N.D.	
36) Di-n-butylphthalate	27.55	149	7788	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.06	149	467	N.D.	
41) Benzo(a)anthracene	33.64	228	2018	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.86	149	10117	0.48 ug/l	96
43) Chrysene	33.64	228	2018	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	2071	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
9682.D GCMS0501.M Thu May 09 09:28:03 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9682.D Vial: 25
Acq On : 7 May 2002 3:49 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:26 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\MAY0602\9682.D Vial: 25
Acq On : 7 May 2002 3:49 pm Operator:
Sample : GC/MS SCAN 4/25 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

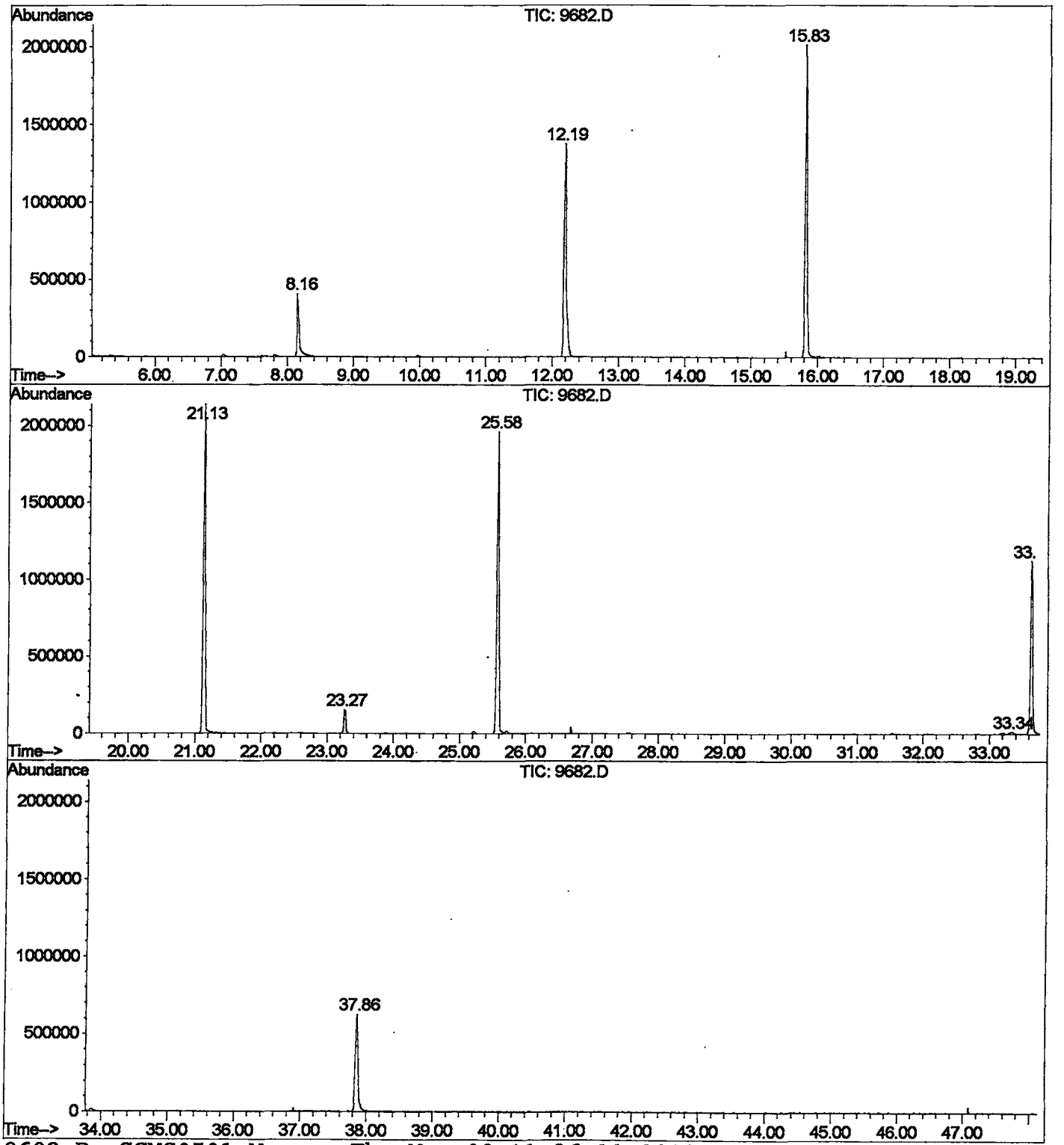
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.156	336	340	372	rVB	403850	919310	20.08%	4.193%
2	12.188	775	780	796	rBV	1371819	3235901	70.69%	14.761%
3	15.826	1171	1177	1194	rBV	2007413	4126426	90.15%	18.823%
4	21.132	1749	1756	1781	rBV	2137322	4577405	100.00%	20.880%
5	23.267	1979	1989	1997	rBV	153064	314561	6.87%	1.435%
6	25.576	2234	2241	2252	rBV2	1962987	4207469	91.92%	19.193%
7	33.338	3080	3088	3097	rVV3	12174	52031	1.14%	0.237%
8	33.631	3111	3120	3139	rBV2	1125245	2631285	57.48%	12.003%
9	37.865	3573	3582	3608	rBV2	622087	1857952	40.59%	8.475%

Sum of corrected areas: 21922340

9682.D GCMS0501.M Thu May 09 11:26:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9682.D
Operator :
Acquired : 7 May 2002 3:49 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/25
Misc Info :
Vial Number: 25
Quant File :GCMS0501.RES (RTE Integrator)



9682.D GCMS0501.M Thu May 09 11:26:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9682.D Vial: 25
Acq On : 7 May 2002 3:49 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

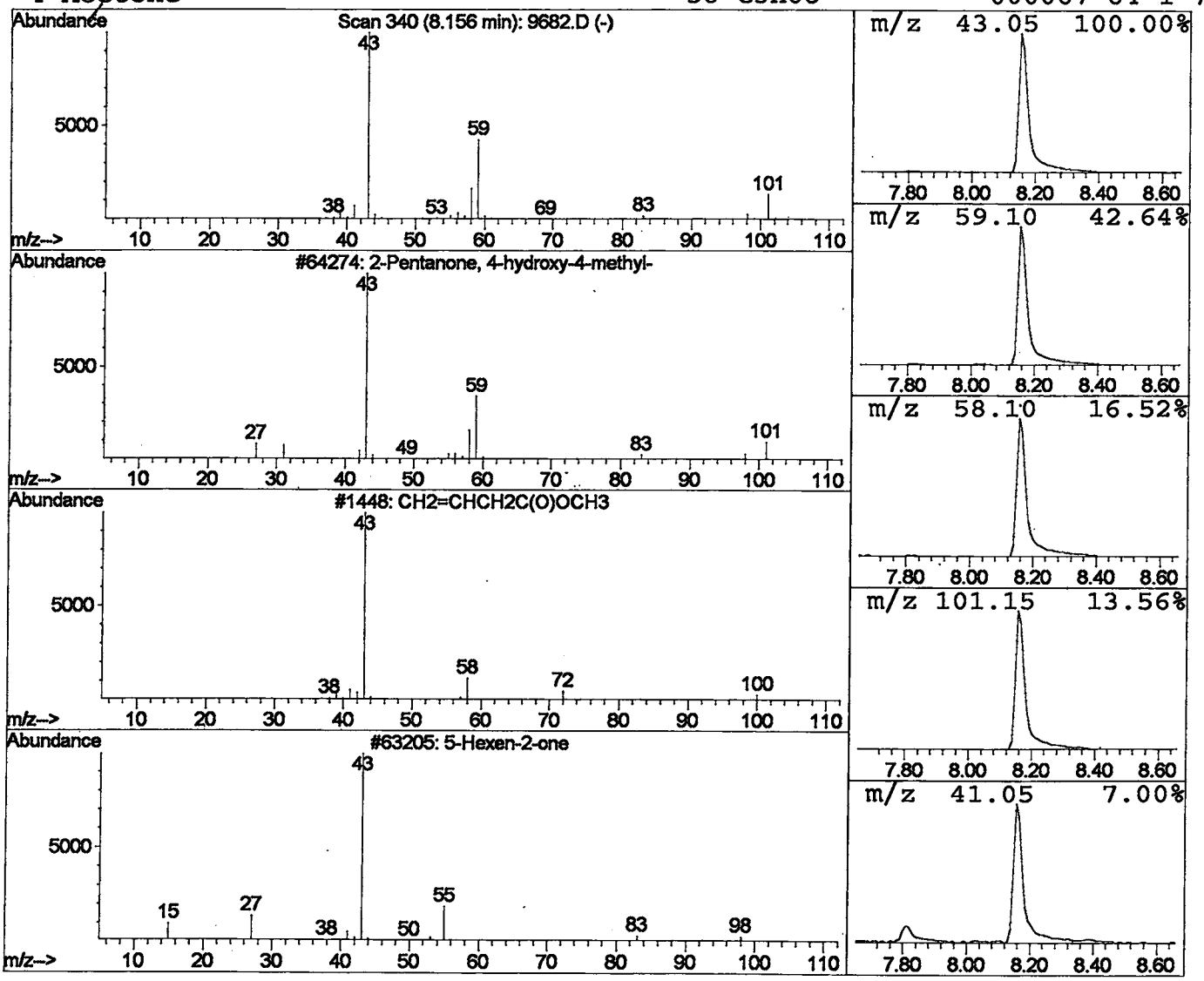
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.36 ug/l	919310	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9682.D Vial: 25
Acq On : 7 May 2002 3:49 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

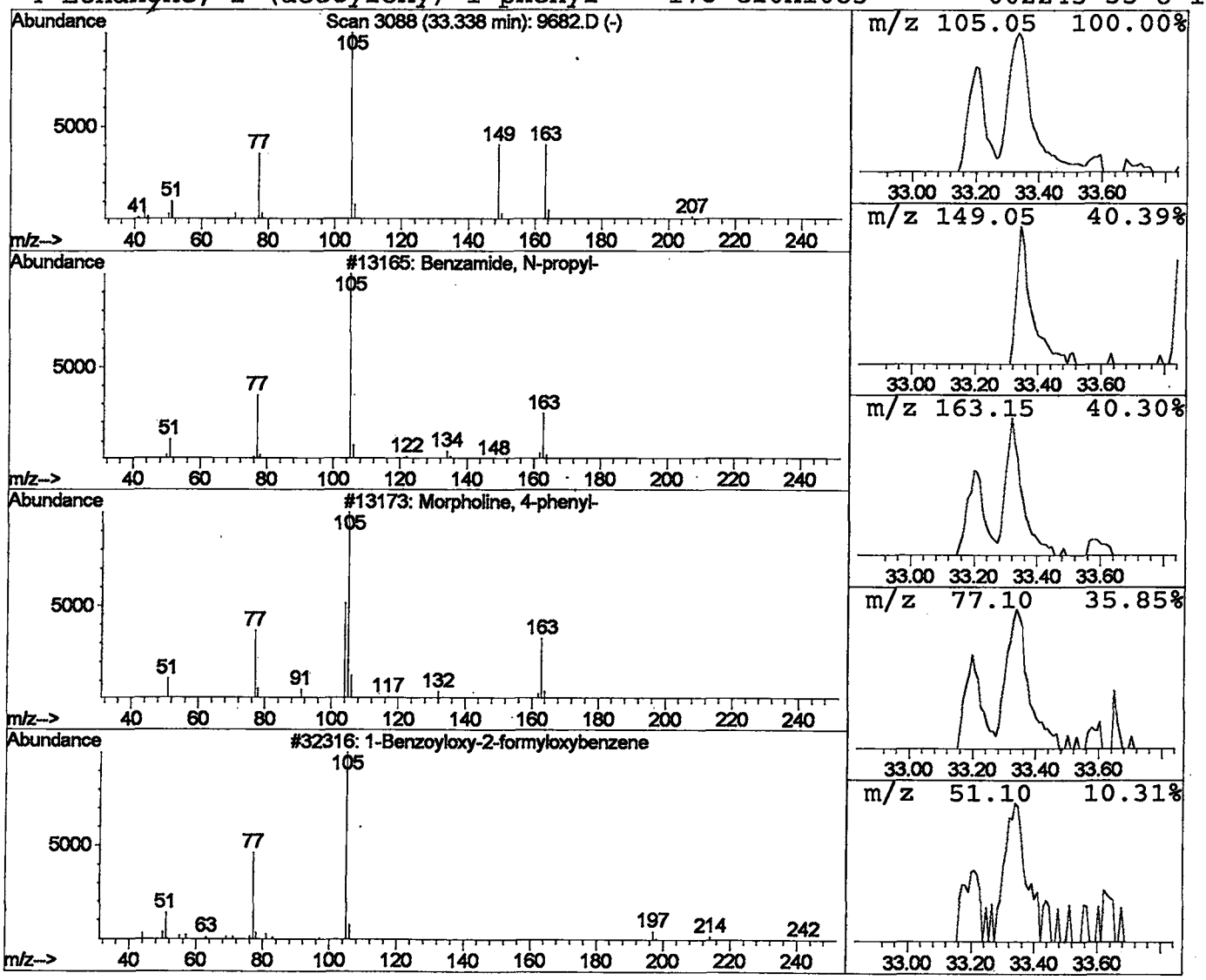
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzamide, N-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.34	0.79 ug/l	52031	Chrysene-d12	33.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	37
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	25
3	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	797922-93-1	16
4	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 3:49 pm
Data File: C:\HPCHEM\1\DATA\MAY0602\9682.D
Name: GC/MS SCAN 4/25
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	8.16	11.4	ug/l	919310	ISTD01	12.20	3235900	40.0
Benzamide, N-propyl-	33.34	0.8	ug/l	52031	ISTD05	33.63	2631290	40.0

9682.D GCMS0501.M Thu May 09 11:26:13 2002