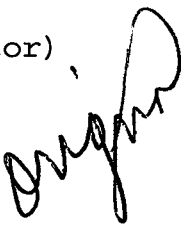
Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:57 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	12.19	152	475863	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1737217	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	935025	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1290497	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	827689	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	526235	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	25226	5.54	ug/L	-0.02
Spiked Amount 10.000			Recovery = 55.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.60	93	261	N.D.		
4) 1,3-Dichlorobenzene	12.24	146	185	N.D.		
5) 1,4-Dichlorobenzene	12.24	146	185	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	14.20	77	372	N.D.		
12) Isophorone	14.53	82	3133	N.D.		
13) bis(2-Chloroethoxy)methane	15.21	93	1185	N.D.		
14) 1,2,4-Trichlorobenzene	15.71	180	477	N.D.		
15) Naphthalene	15.88	128	1869	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.39	162	1577	N.D.		
20) Dimethylphthalate	20.48	163	4549	N.D.		
21) 2,6-Dinitrotoluene	20.70	165	421	N.D.		
22) Acenaphthylene	20.66	152	1943	N.D.		
23) Acenaphthene	21.23	153	2020	N.D.		
24) 2,4-Dinitrotoluene	21.88	165	634	N.D.		
25) Diethylphthalate	22.61	149	10872	0.46	ug/l	96
26) 4-Chlorophenyl-phenylether	22.77	204	2014	N.D.		
27) Fluorene	22.75	166	3596	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	d	
32) 4-Bromophenyl-phenylether	24.24	248	1261	N.D.		
33) Hexachlorobenzene	24.67	284	1343	N.D.		
34) Phenanthrene	0.00	178	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:57 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

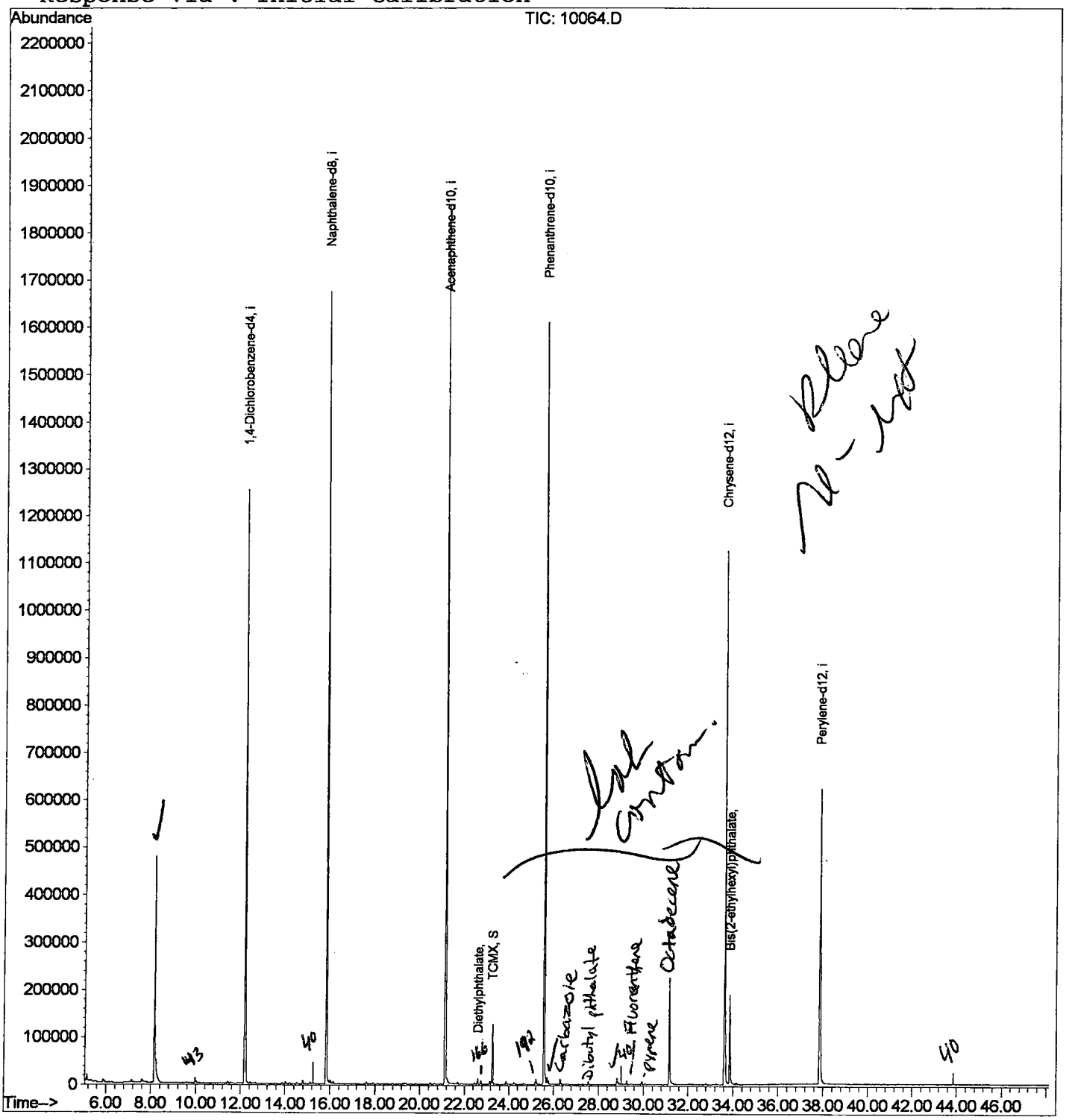
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.77	178	6618	N.D.	
36)	Di-n-butylphthalate	27.55	149	7784	N.D.	
37)	Fluoranthene	29.26	202	7581	N.D.	
39)	Pyrene	29.94	202	7053	N.D.	
40)	Butylbenzylphthalate	32.07	149	1691	N.D.	
41)	Benzo(a)anthracene	33.63	228	1908	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	116800	5.91 ug/l	99
43)	Chrysene	33.63	228	1908	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	37.87	252	2042	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\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:57 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\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 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

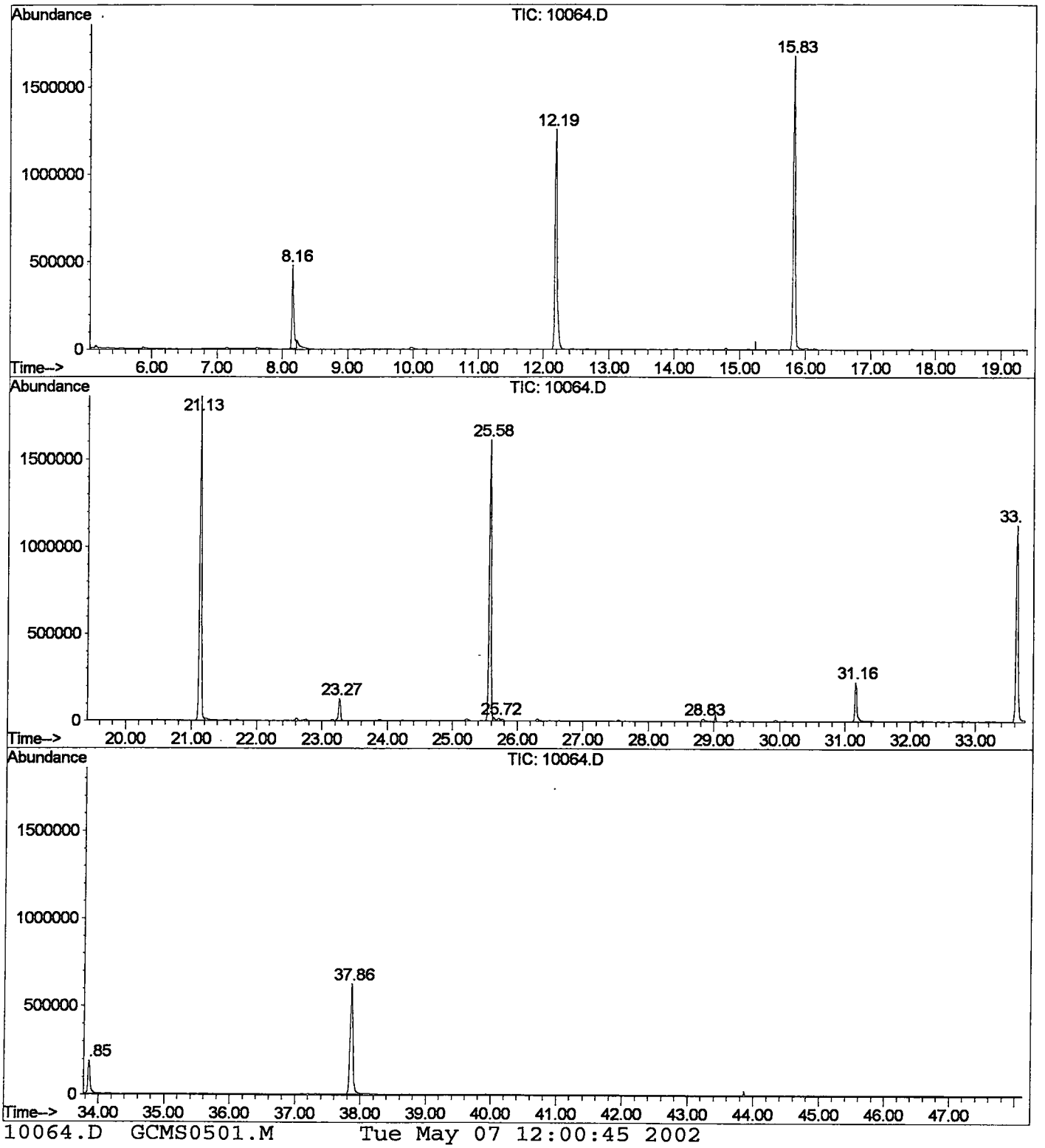
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	336	340	346	rBV	475617	983472	25.93%	4.880%
2	12.191	774	780	799	rVB	1253232	2758851	72.73%	13.689%
3	15.829	1170	1177	1192	rBV	1673786	3500217	92.28%	17.367%
4	21.135	1749	1756	1764	rBV	1858643	3793240	100.00%	18.821%
5	23.270	1981	1989	1996	rBV2	125690	261139	6.88%	1.296%
6	25.579	2234	2241	2246	rBV2	1607563	3465752	91.37%	17.196%
7	25.717	2251	2256	2259	rVV	14804	37965	1.00%	0.188%
8	28.832	2589	2596	2605	rBV3	14825	48144	1.27%	0.239%
9	31.160	2840	2850	2865	rBV	224944	497743	13.12%	2.470%
10	33.634	3113	3120	3135	rBV2	1123808	2503851	66.01%	12.423%
11	33.854	3139	3144	3163	rVB	187758	440801	11.62%	2.187%
12	37.858	3573	3581	3599	rBV2	620590	1863215	49.12%	9.245%

Sum of corrected areas: 20154390

10064.D GCMS0501.M Tue May 07 12:00:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\10064.D
Operator :
Acquired : 5 May 2002 3:18 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/26
Misc Info :
Vial Number: 37
Quant File :GCMS0501.RES (RTE Integrator)



10064.D GCMS0501.M Tue May 07 12:00:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

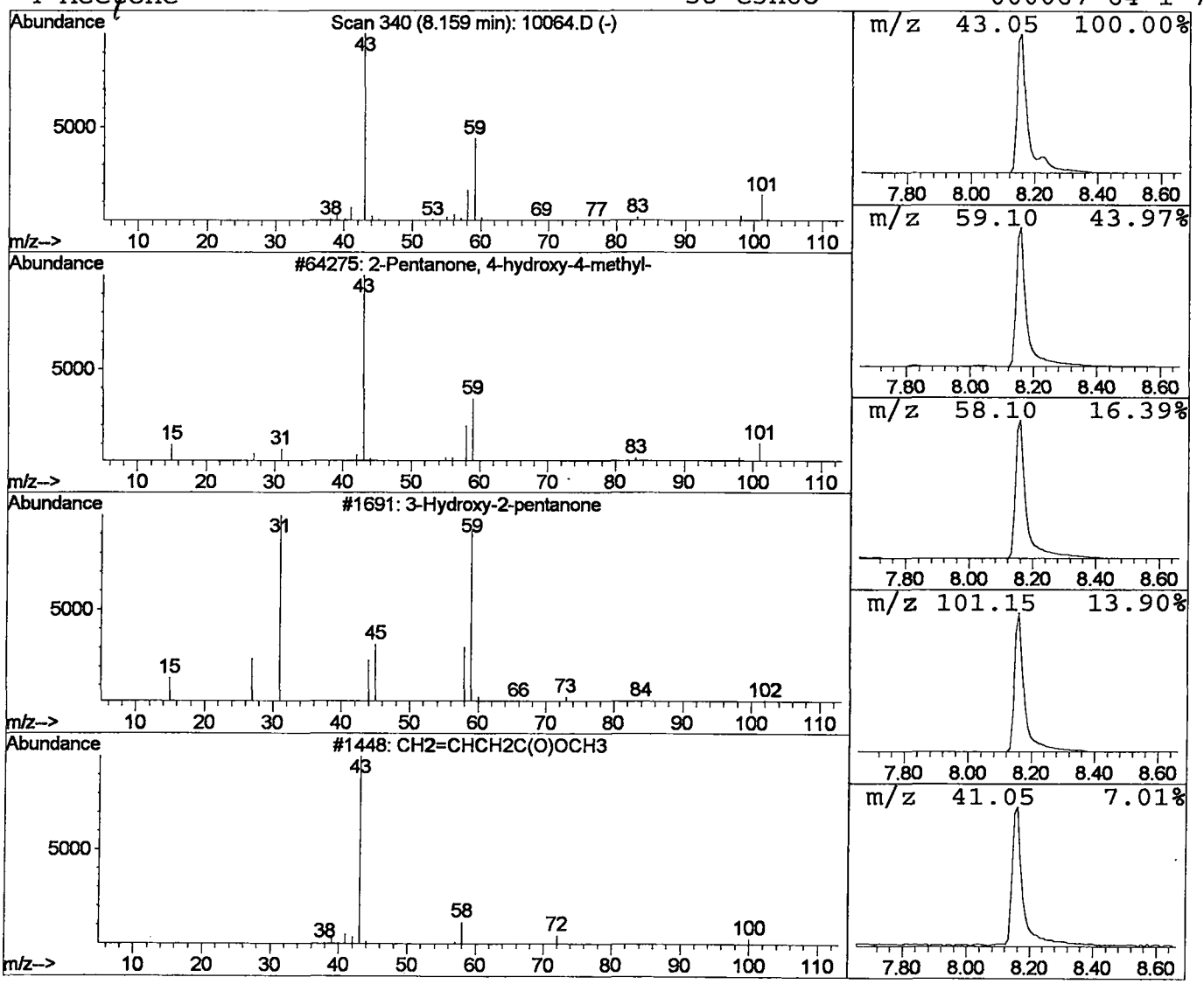
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	14.26 ug/l	983472	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	50
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

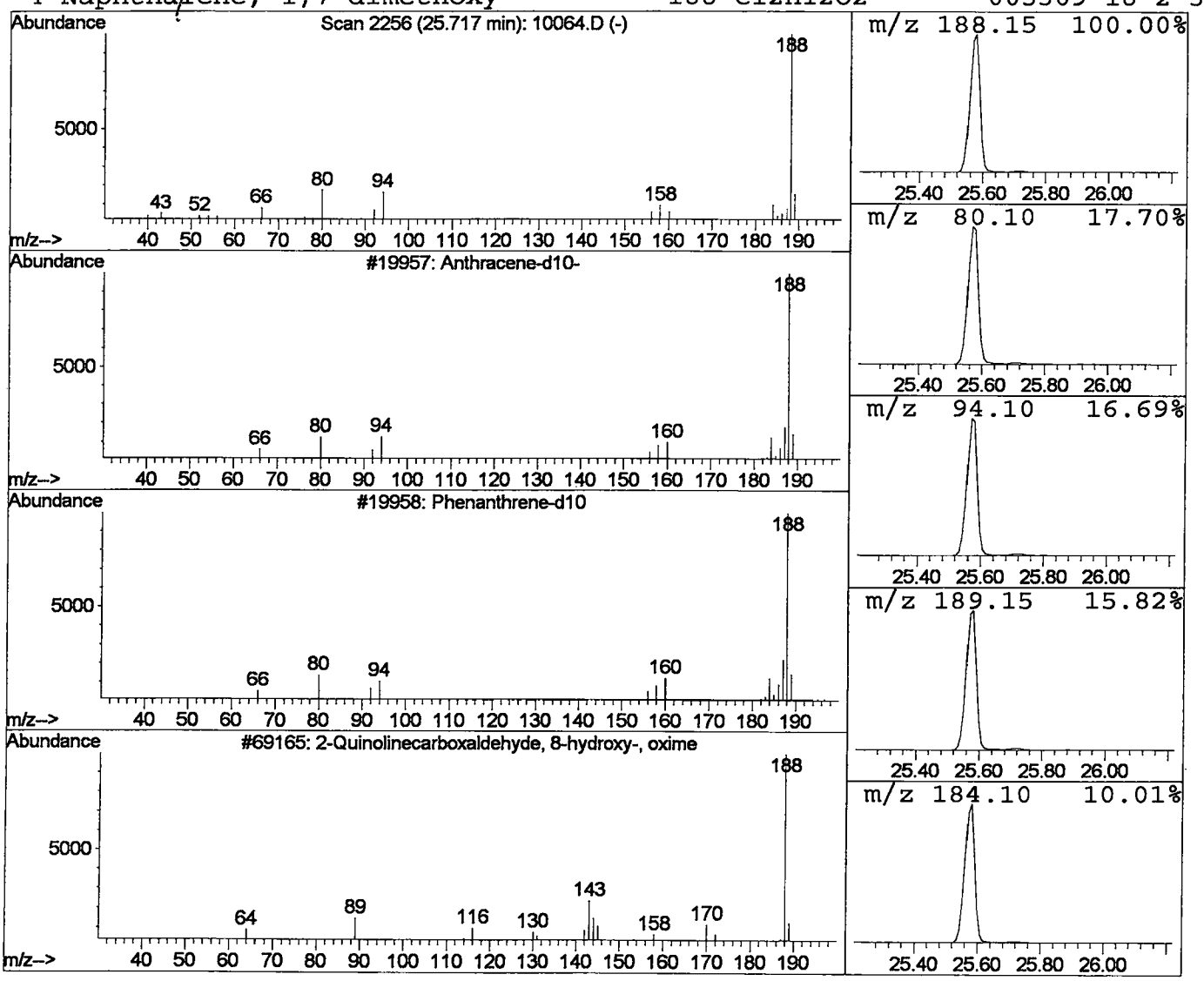
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.44 ug/l	37965	Phenanthrene-d10	25.58

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	72
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	42
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

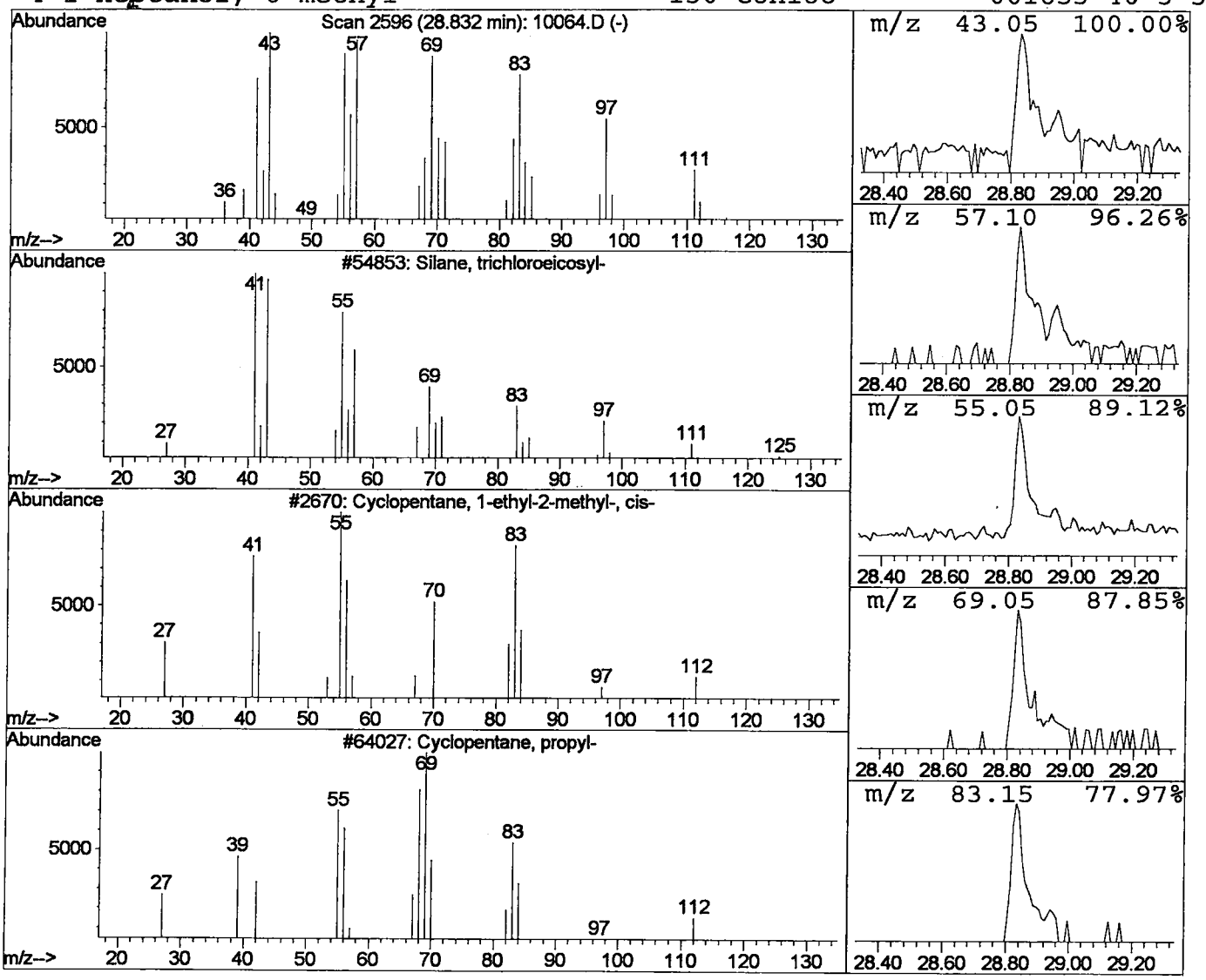
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Silane, trichloroeicosyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.83	0.56 ug/l	48144	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichloroeicosyl-	414	C20H41Cl3Si	018733-57-8	56
2	Cyclopentane, 1-ethyl-2-methyl-, ci	112	C8H16	000930-89-2	46
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
4	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10064.D Vial: 37
Acq On : 5 May 2002 3:18 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

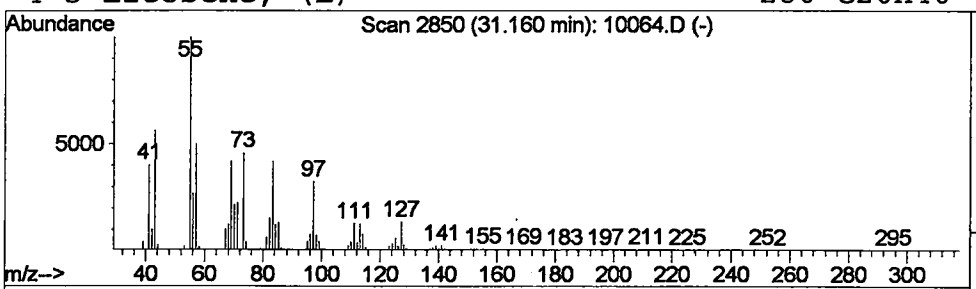
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

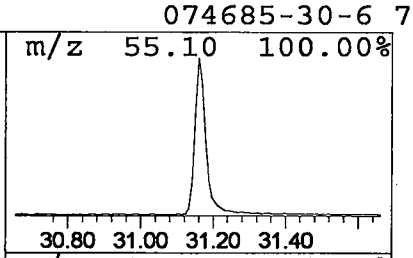
****

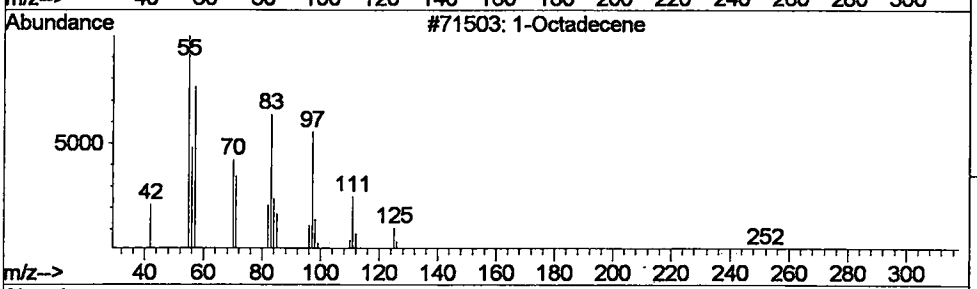
Peak Number 4 1-Octadecene Concentration Rank 2

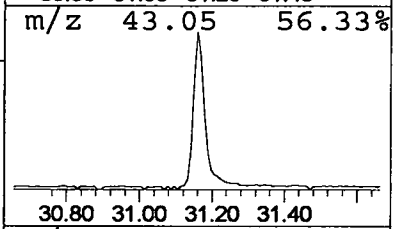
R.T.	EstConc	Area	Relative to ISTD	R.T.
31.16	7.95 ug/l	497743	Chrysene-d12	33.63

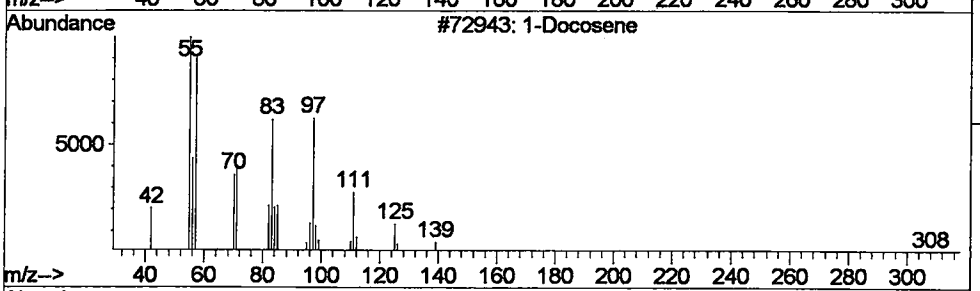
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	91
2	1-Docosene	308	C22H44	001599-67-3	76
3	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	76

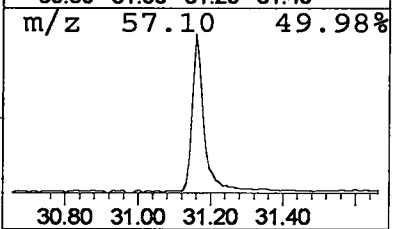


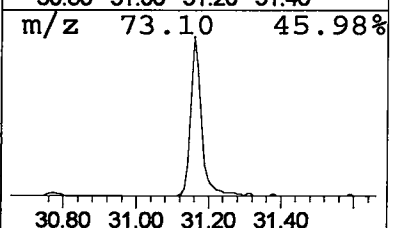


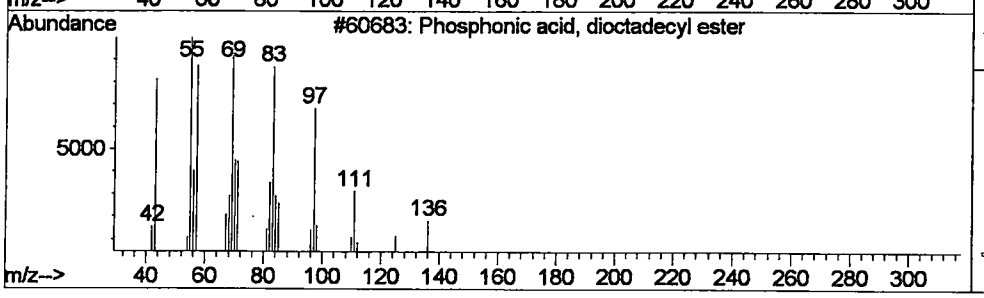


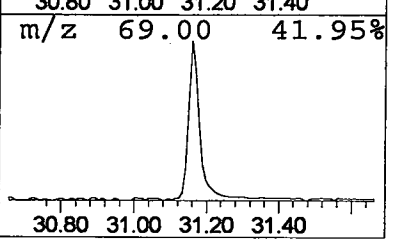












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 3:18 am
Data File: C:\HPCHEM\1\DATA\MAY0302\10064.D
Name: GC/MS SCAN 4/26
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	14.3	ug/l	983472	ISTD01	12.19	2758850	40.0
Anthracene-d10-	25.72	0.4	ug/l	37965	ISTD04	25.58	3465750	40.0
Silane, trichloroeic	28.83	0.6	ug/l	48144	ISTD04	25.58	3465750	40.0
1-Octadecene	31.16	8.0	ug/l	497743	ISTD05	33.63	2503850	40.0

10064.D GCMS0501.M Tue May 07 12:00:49 2002