Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9517.D Vial: 18
Acq On : 4 May 2002 6:43 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:22 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	496640	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1815436	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	967843	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1350192	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	843715	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	571040	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	21068	4.47	ug/L	-0.02
Spiked Amount 10.000			Recovery = 44.70%			
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	15.88	128	235	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	710	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	25.57	178	445	N.D.		

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

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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

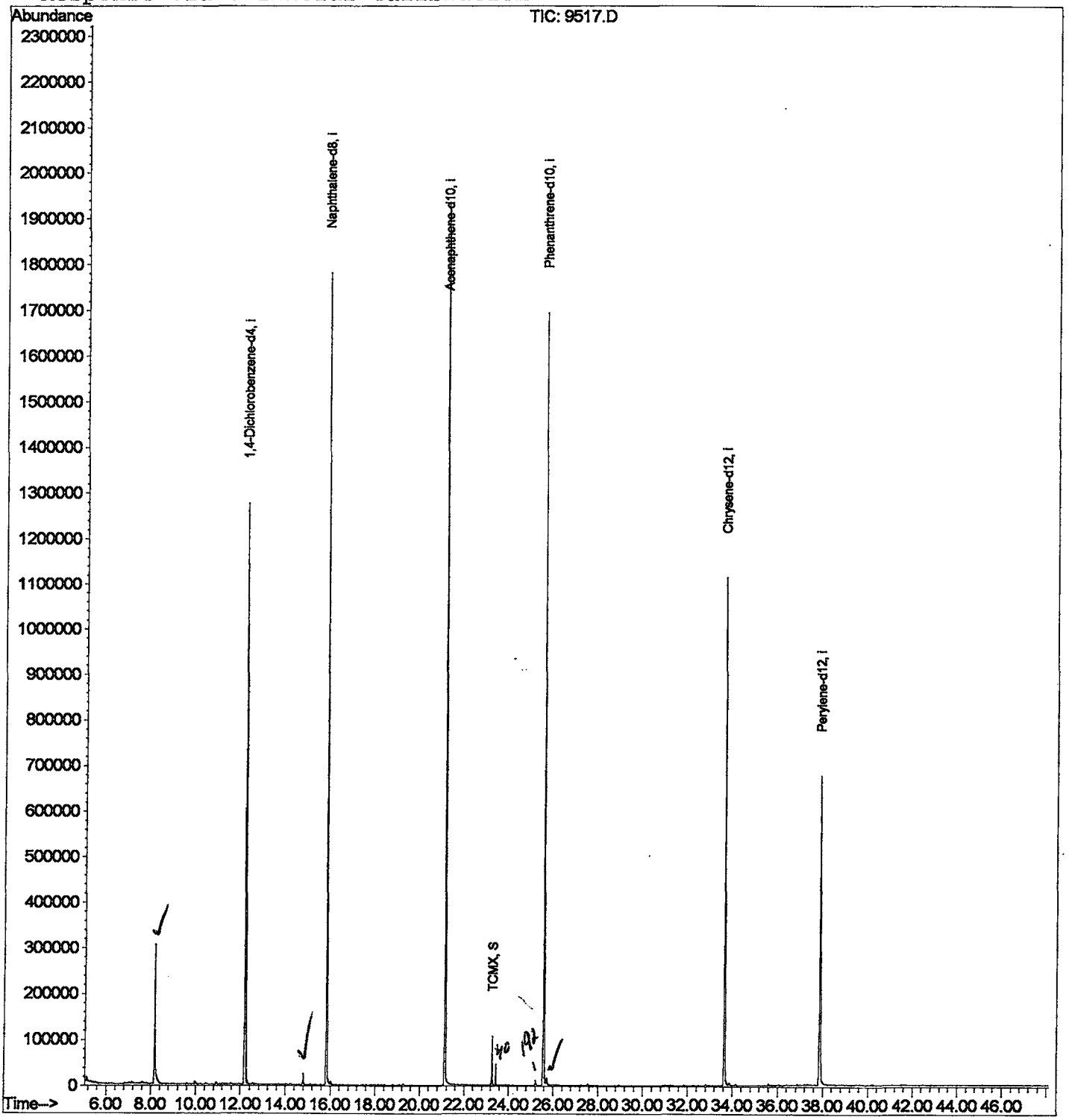
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	445	N.D.	
36)	Di-n-butylphthalate	27.55	149	3390	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	2475	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	3622	N.D.	
43)	Chrysene	33.71	228	653	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	197	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.87	252	2282	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\9517.D Vial: 18
Acq On : 4 May 2002 6:43 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:22 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\9517.D Vial: 18
Acq On : 4 May 2002 6:43 am Operator:
Sample : GC/MS SCAN 4/22 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

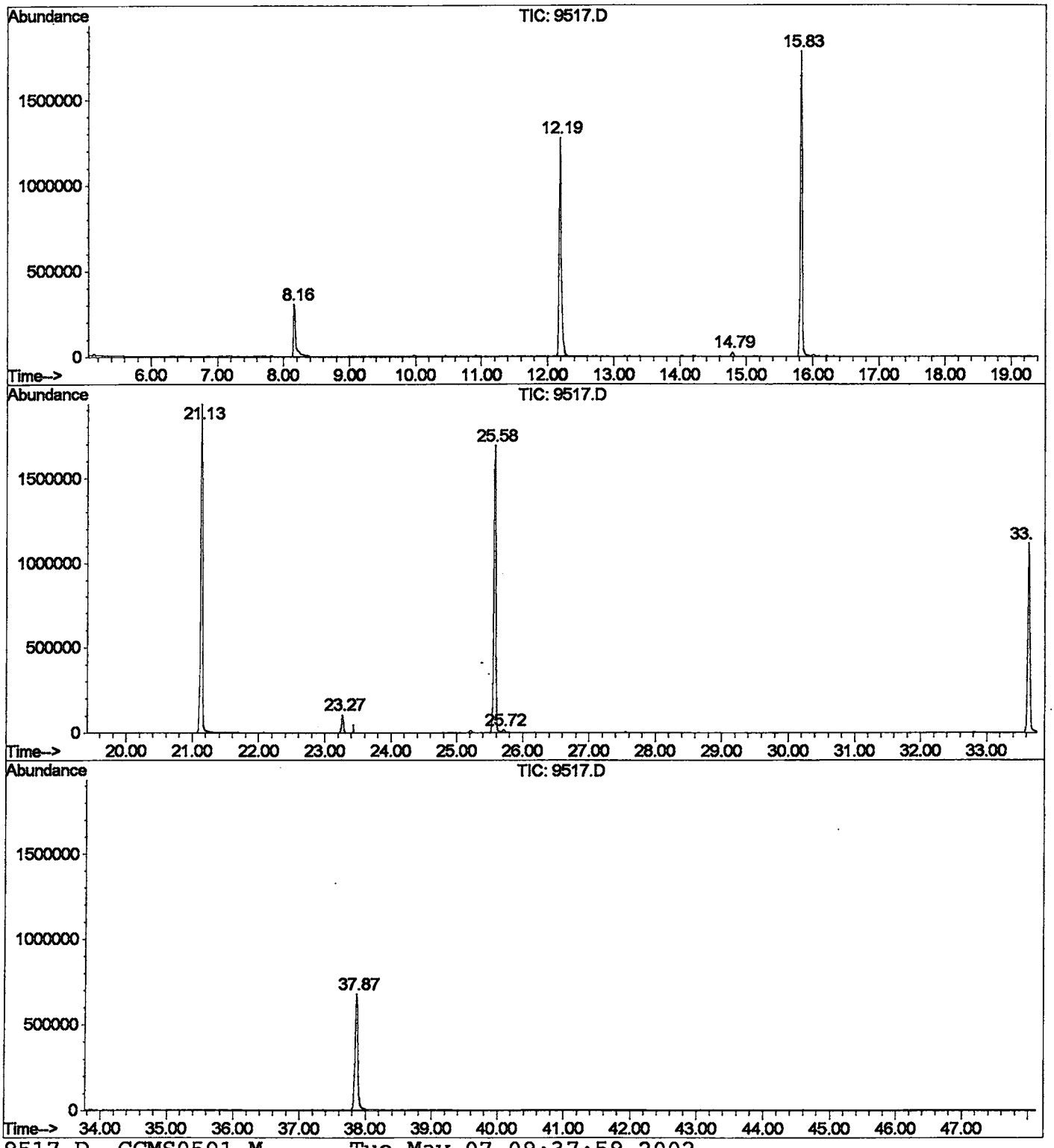
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	370	rVB	303645	730624	18.42%	3.712%
2	12.190	774	780	799	rVB	1274172	2885652	72.73%	14.663%
3	14.793	1057	1064	1069	rBV	25993	49160	1.24%	0.250%
4	15.828	1170	1177	1192	rBV	1779815	3638129	91.70%	18.486%
5	21.134	1749	1756	1771	rBV	1934005	3967539	100.00%	20.160%
6	23.269	1981	1989	1995	rBV	105974	203314	5.12%	1.033%
7	25.578	2234	2241	2252	rBV2	1692754	3628606	91.46%	18.438%
8	25.716	2252	2256	2267	rVB	15192	39962	1.01%	0.203%
9	33.633	3113	3120	3135	rBV2	1114400	2532105	63.82%	12.866%
10	37.867	3573	3582	3602	rBV2	675087	2005374	50.54%	10.190%

Sum of corrected areas: 19680465

9517.D GCMS0501.M Tue May 07 09:37:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9517.D
Operator :
Acquired : 4 May 2002 6:43 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 18
Quant File :GCMS0501.RES (RTE Integrator)



9517.D GCMS0501.M Tue May 07 09:37:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9517.D Vial: 18
Acq On : 4 May 2002 6:43 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

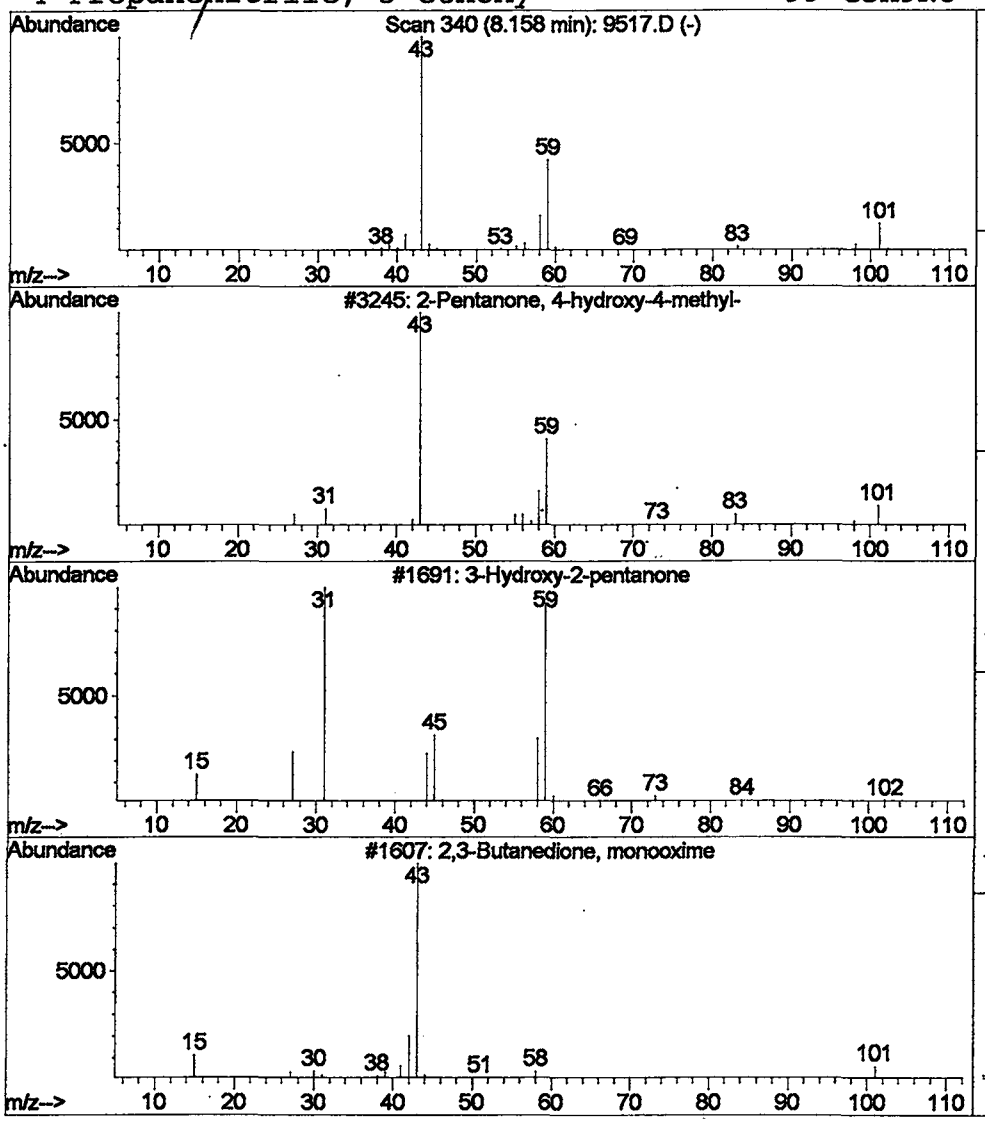
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

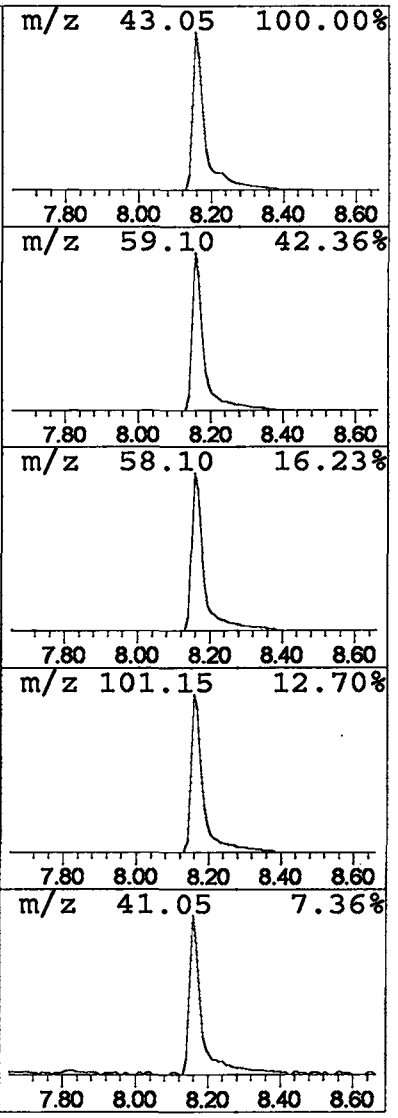
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	10.13 ug/l	730624	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	43
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	7





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9517.D Vial: 18
Acq On : 4 May 2002 6:43 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

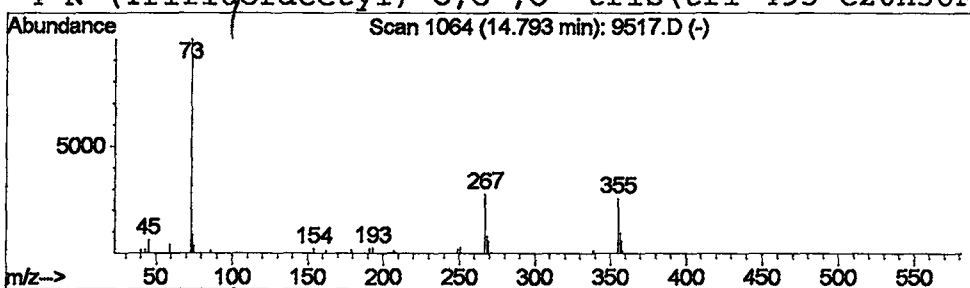
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

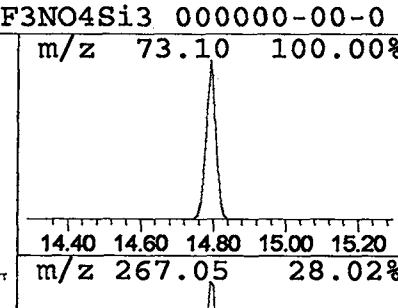
****

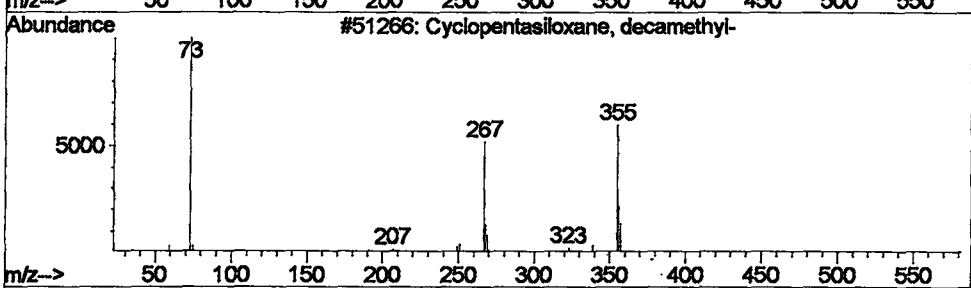
Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

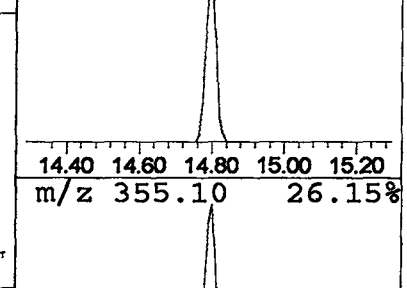
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	0.54 ug/l	49160	Naphthalene-d8	15.83

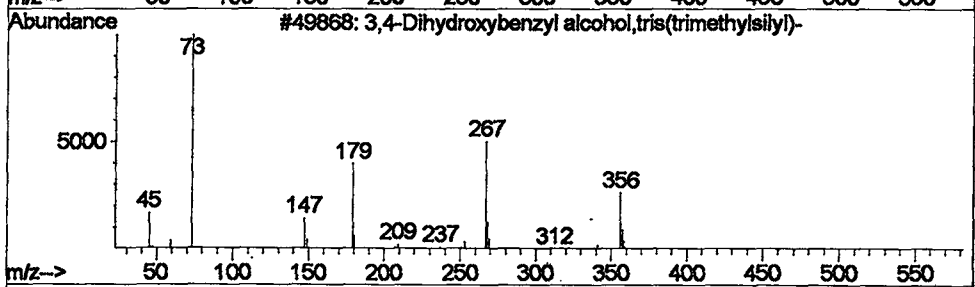
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	53
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	28

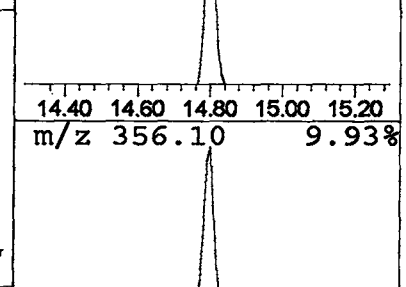


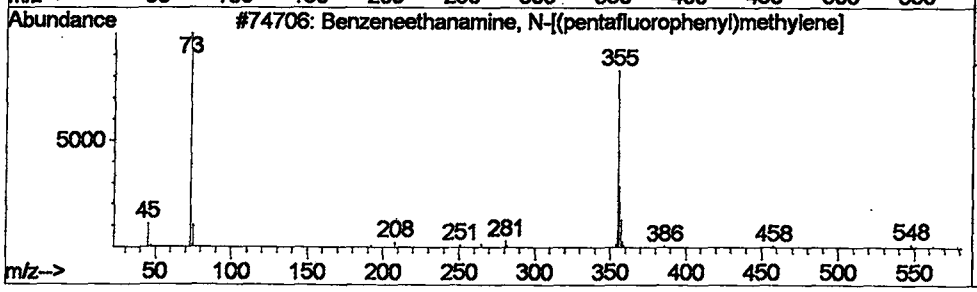


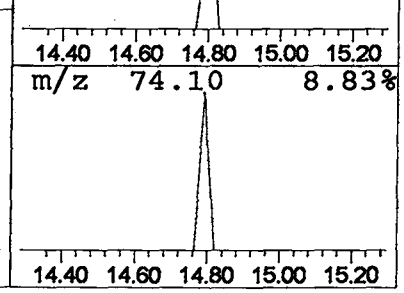












Library Search Compound Report

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Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
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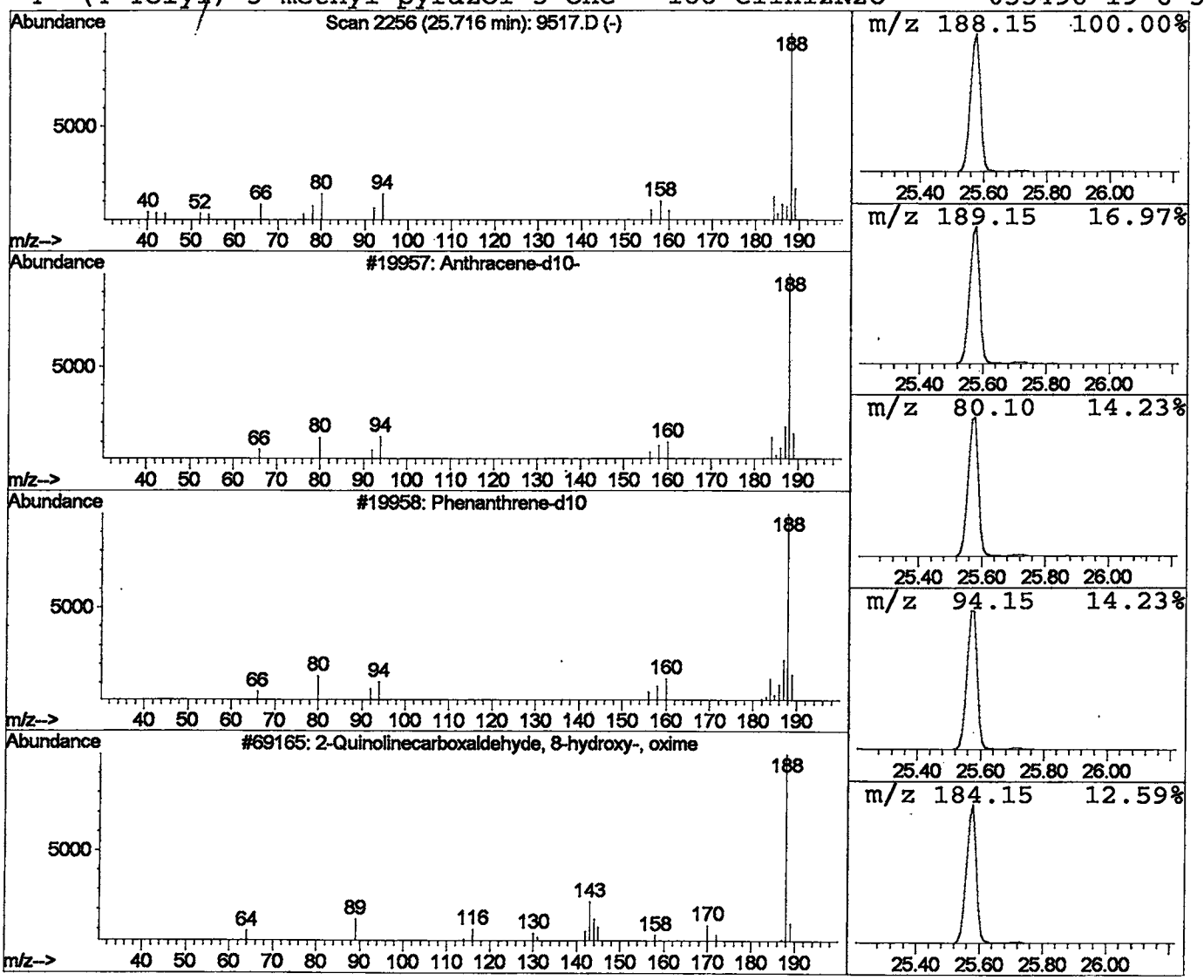
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.44 ug/l	39962	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	94
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	42
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 May 2002 6:43 am
Data File: C:\HPCHEM\1\DATA\MAY0302\9517.D
Name: GC/MS SCAN 4/22
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	10.1	ug/l	730624	ISTD01	12.19	2885650	40.0
Cyclopentasiloxane,	14.79	0.5	ug/l	49160	ISTD02	15.83	3638130	40.0
Anthracene-d10-	25.72	0.4	ug/l	39962	ISTD04	25.58	3628610	40.0

9517.D GCMS0501.M Tue May 07 09:38:02 2002