User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 14:58:15

Sample: AE08271
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/16/02 14:56 Ended: 5/16/02 14:56 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 AE08271 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-16-2002 Time: 14:58:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D Vial: 9
Acq On : 9 May 2002 10:13 pm Operator:
Sample : GC/MS SCAN 5/8 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 10 13:51 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 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	515961	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1894505	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	1033021	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1444384	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	868292	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	509301	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	177044	34.45	ug/L	0.00
Spiked Amount 40.000			Recovery = 86.13%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-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	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	0.00	128	0	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	22.61	149	897	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.28	168	373	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	483	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	483	N.D.	
36)	Di-n-butylphthalate	27.55	149	3124	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	1869	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	878	N.D.	
43)	Chrysene	33.64	228	1869	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	1978	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.	

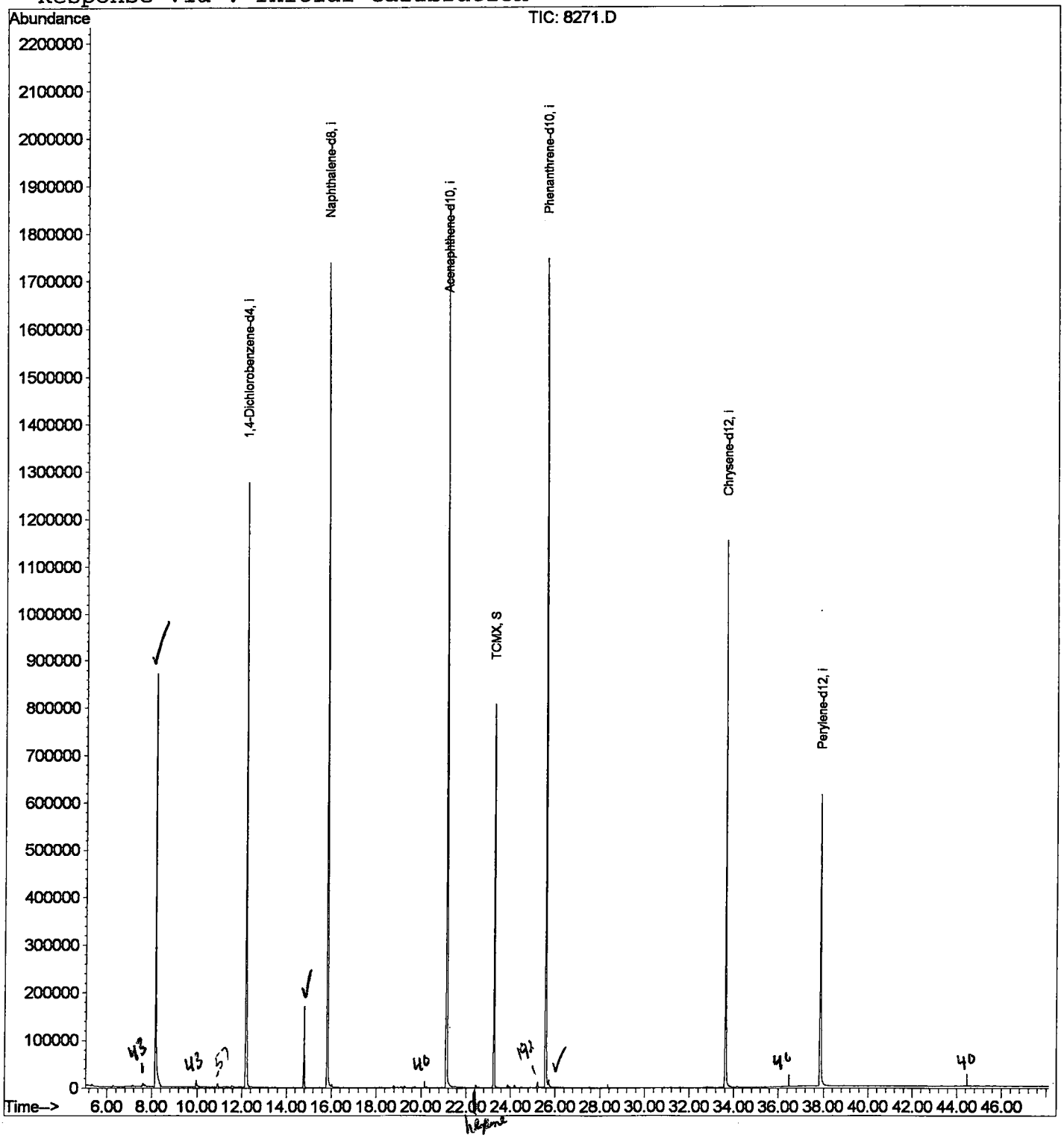
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D
Acq On : 9 May 2002 10:13 pm
Sample : GC/MS SCAN 5/8 FB
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 10 13:51 2002

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D Vial: 9
Acq On : 9 May 2002 10:13 pm Operator:
Sample : GC/MS SCAN 5/8 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

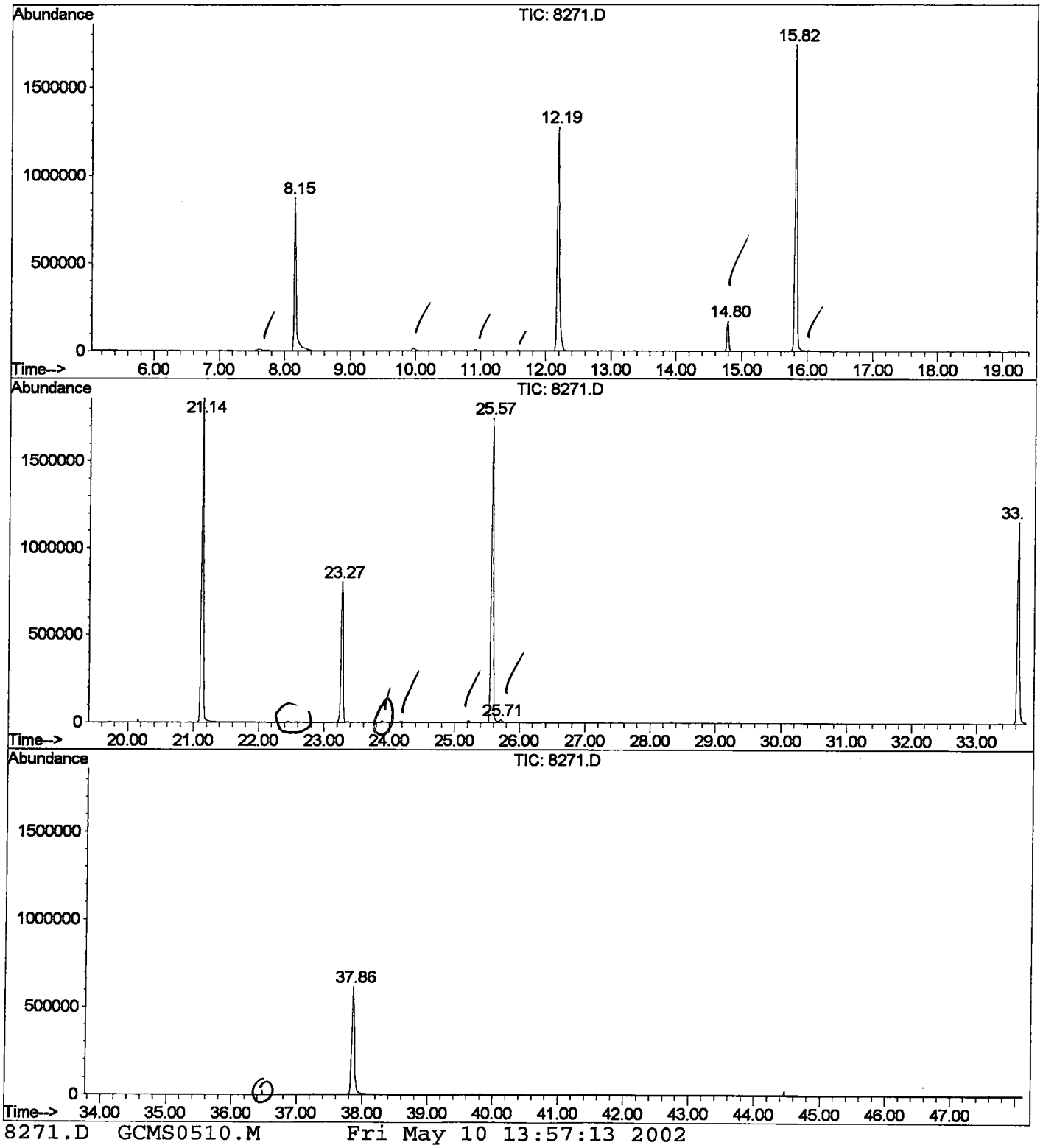
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.153	336	340	369	rBV	868750	1867119	45.27%	8.154%
2	12.194	775	781	797	rVB	1274659	2919344	70.79%	12.749%
3	14.796	1059	1065	1071	rVB	169761	329257	7.98%	1.438%
4	15.823	1171	1177	1195	rBV	1737481	3709701	89.95%	16.201%
5	21.138	1749	1757	1778	rBV	1859883	4124143	100.00%	18.011%
6	23.273	1981	1990	1997	rBV	806295	1715097	41.59%	7.490%
7	25.573	2234	2241	2253	rBV2	1745817	3841209	93.14%	16.775%
8	25.710	2253	2256	2268	rVB	14960	42725	1.04%	0.187%
9	33.637	3114	3121	3139	rBV	1152637	2576300	62.47%	11.251%
10	37.861	3574	3582	3603	rBV2	612873	1773119	42.99%	7.744%

Sum of corrected areas: 22898014

8271.D GCMS0510.M Fri May 10 13:57:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0902\8271.D
Operator :
Acquired : 9 May 2002 10:13 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/8 FB
Misc Info :
Vial Number: 9
Quant File :GCMS0510.RES (RTE Integrator)



8271.D GCMS0510.M Fri May 10 13:57:13 2002

Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D Vial: 9
Acq On : 9 May 2002 10:13 pm Operator:
Sample : GC/MS SCAN 5/8 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

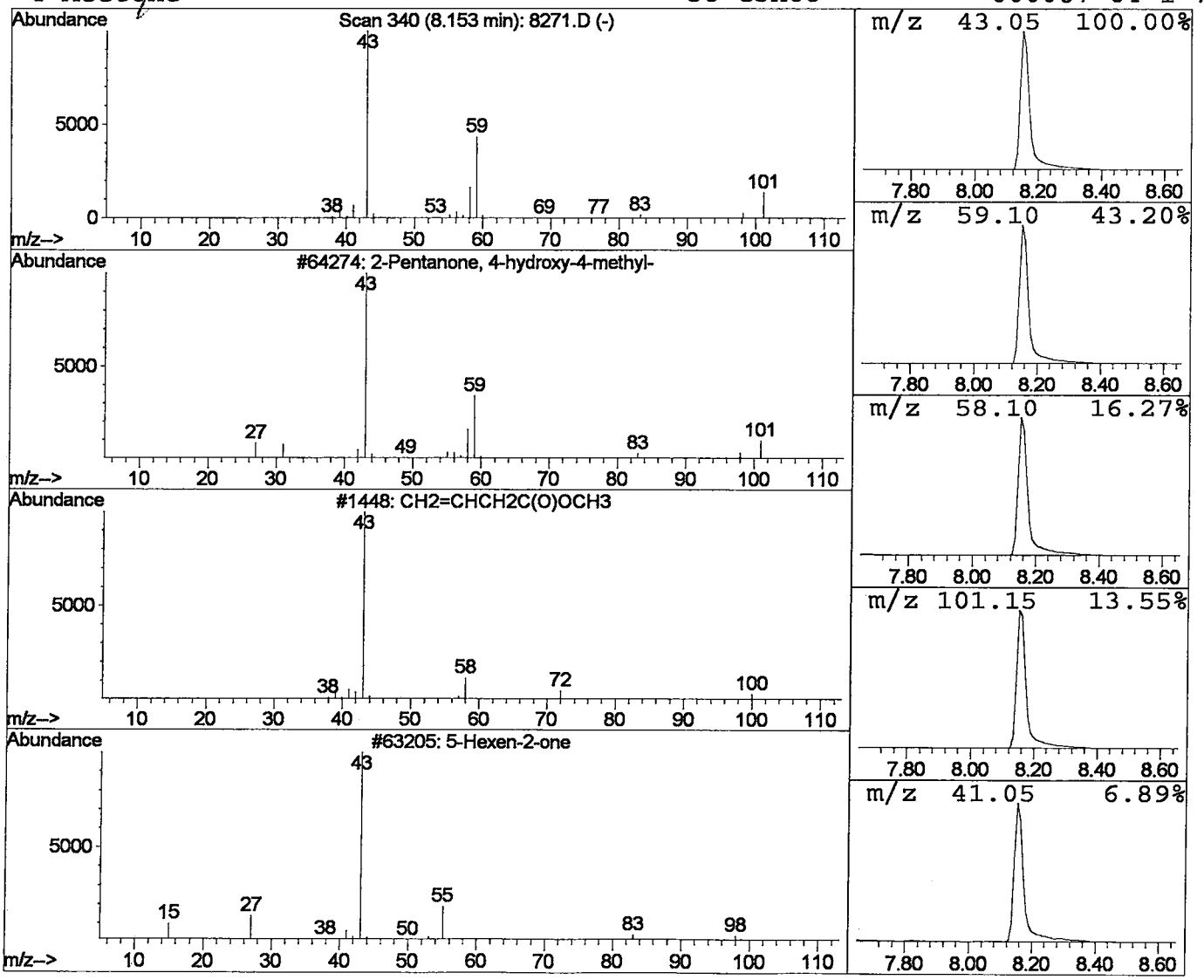
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	25.58 ug/l	1867120	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	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



Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D Vial: 9
Acq On : 9 May 2002 10:13 pm Operator:
Sample : GC/MS SCAN 5/8 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

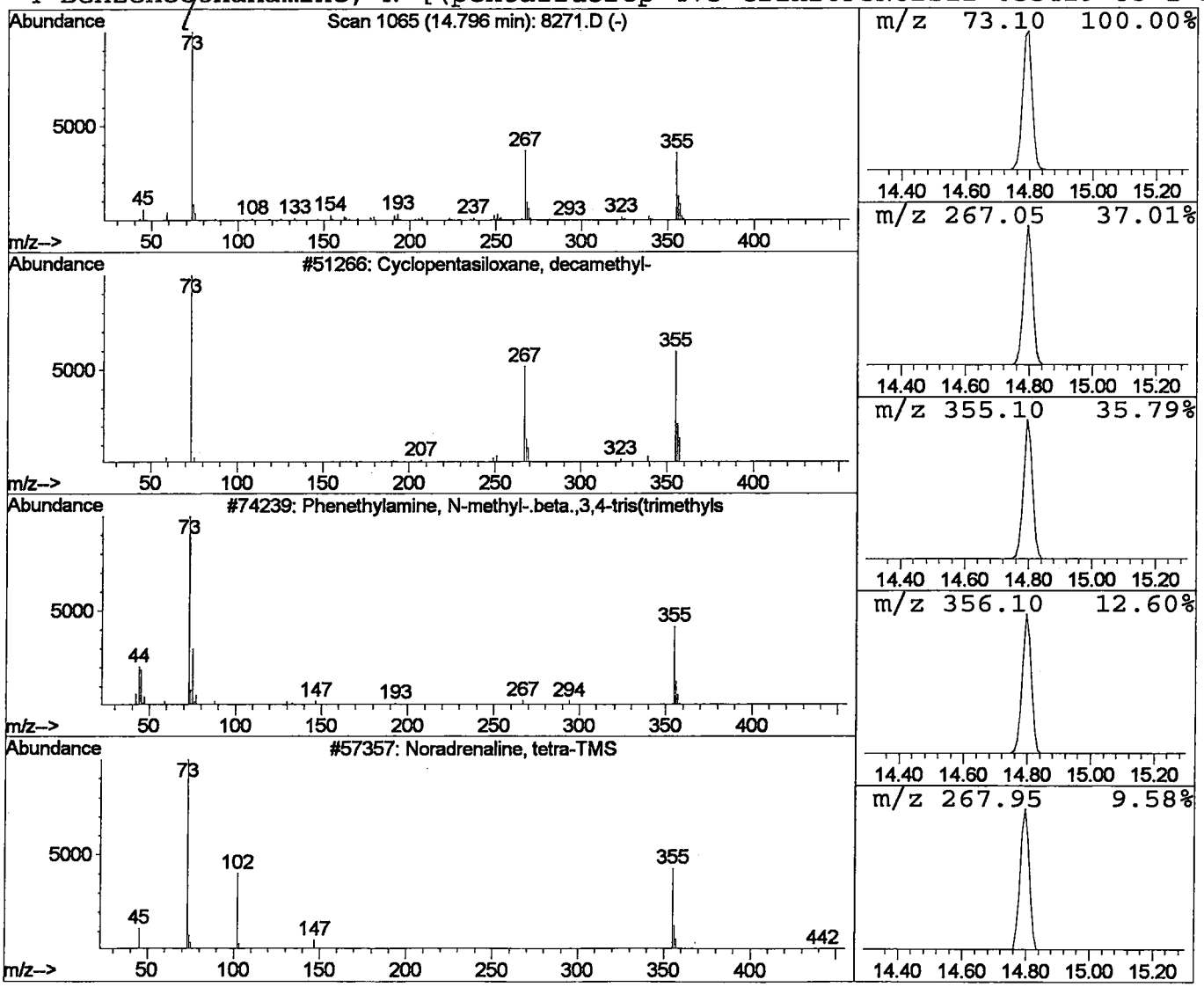
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.55 ug/l	329257	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32



Data File : C:\HPCHEM\1\DATA\MAY0902\8271.D Vial: 9
Acq On : 9 May 2002 10:13 pm Operator:
Sample : GC/MS SCAN 5/8 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

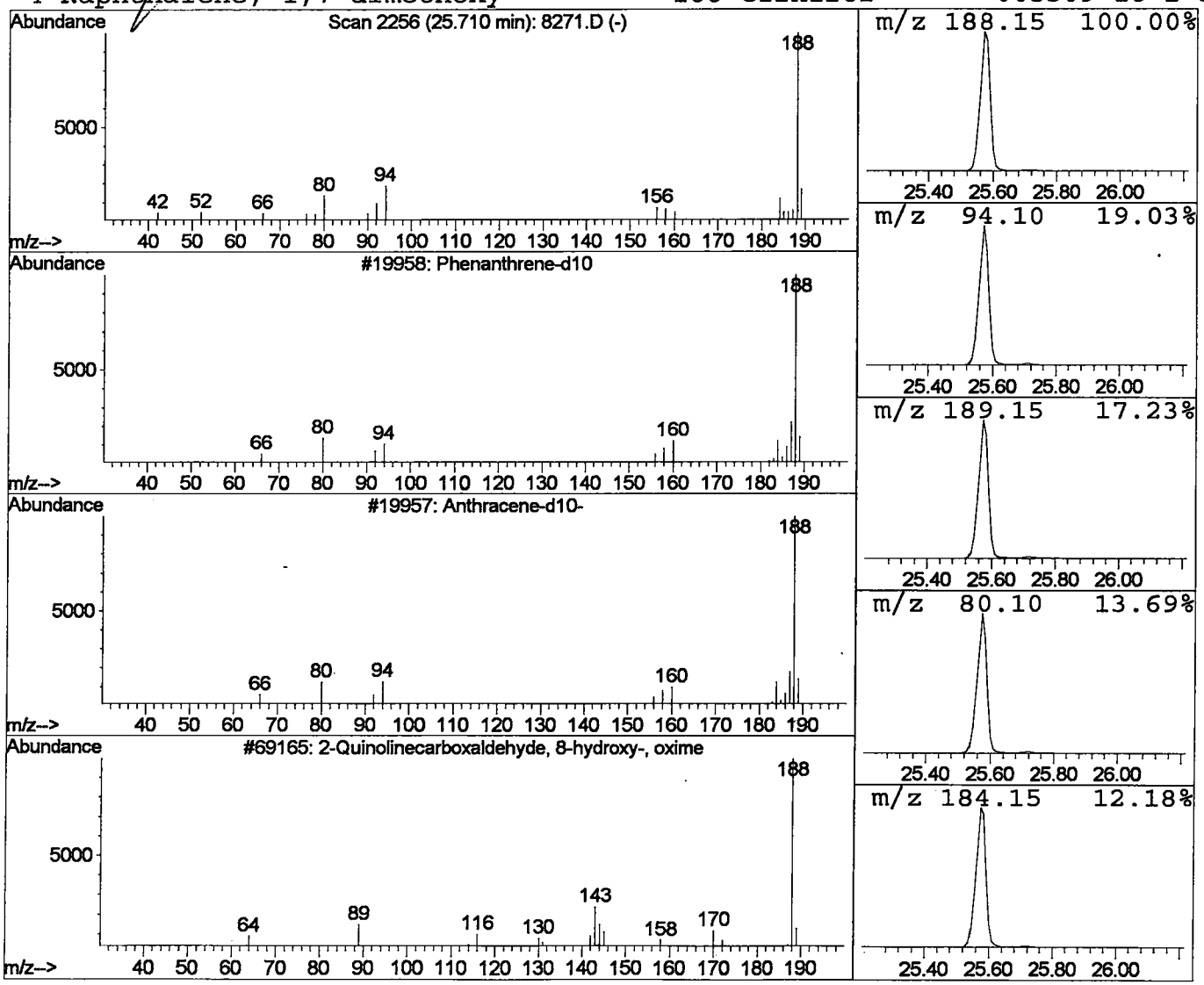
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.44 ug/l	42725	Phenanthrene-d10	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 XS	188	C14D10	001517-22-2	83
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	38
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 10:13 pm
Data File: C:\HPCHEM\1\DATA\MAY0902\8271.D
Name: GC/MS SCAN 5/8 FB
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.15	25.6	ug/l	1867120	ISTD01	12.19	2919340	40.0
Cyclopentasiloxane,	14.80	3.6	ug/l	329257	ISTD02	15.82	3709700	40.0
Phenanthrene-d10	25.71	0.4	ug/l	42725	ISTD04	25.57	3841210	40.0

8271.D GCMS0510.M Fri May 10 13:57:17 2002