User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:02:40

Sample: AE12282
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:02 Ended: 6/3/02 11:02 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE12282 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:03:10

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\MAY2902\12282.D Vial: 23
Acq On : 30 May 2002 8:56 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 10:37 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	600154	40.00 ug/l	-0.08
10) Naphthalene-d8	15.70	136	2404627	40.00 ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1146840	40.00 ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1791254	40.00 ug/l	-0.11
38) Chrysene-d12	33.47	240	1069322	40.00 ug/l	-0.14
44) Perylene-d12	37.66	264	672087	40.00 ug/l	-0.15
System Monitoring Compounds					
28) TCMX	23.13	209	245468	31.00 ug/L	-0.10
Spiked Amount 40.000			Recovery =	77.50%	
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	12.06	146	202	N.D.	
5) 1,4-Dichlorobenzene	12.06	146	202	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	13.35	77	836	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	15.74	128	360	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.	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	22.48	149	1451	N.D.	
26) 4-Chlorophenylphenylether	23.13	204	1768	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.12	168	866	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.43	178	677	N.D.	

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

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	677	N.D.	
36)	Di-n-butylphthalate	27.41	149	52077	0.89 ug/l #	97
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.93	149	1077	N.D.	
41)	Benzo(a)anthracene	33.48	228	2824	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	14015	0.53 ug/l	100
43)	Chrysene	33.48	228	2824	N.D.	
45)	Di-n-Octylphthalate	35.45	149	208	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	37.65	252	2799	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

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Acq On : 30 May 2002 8:56 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
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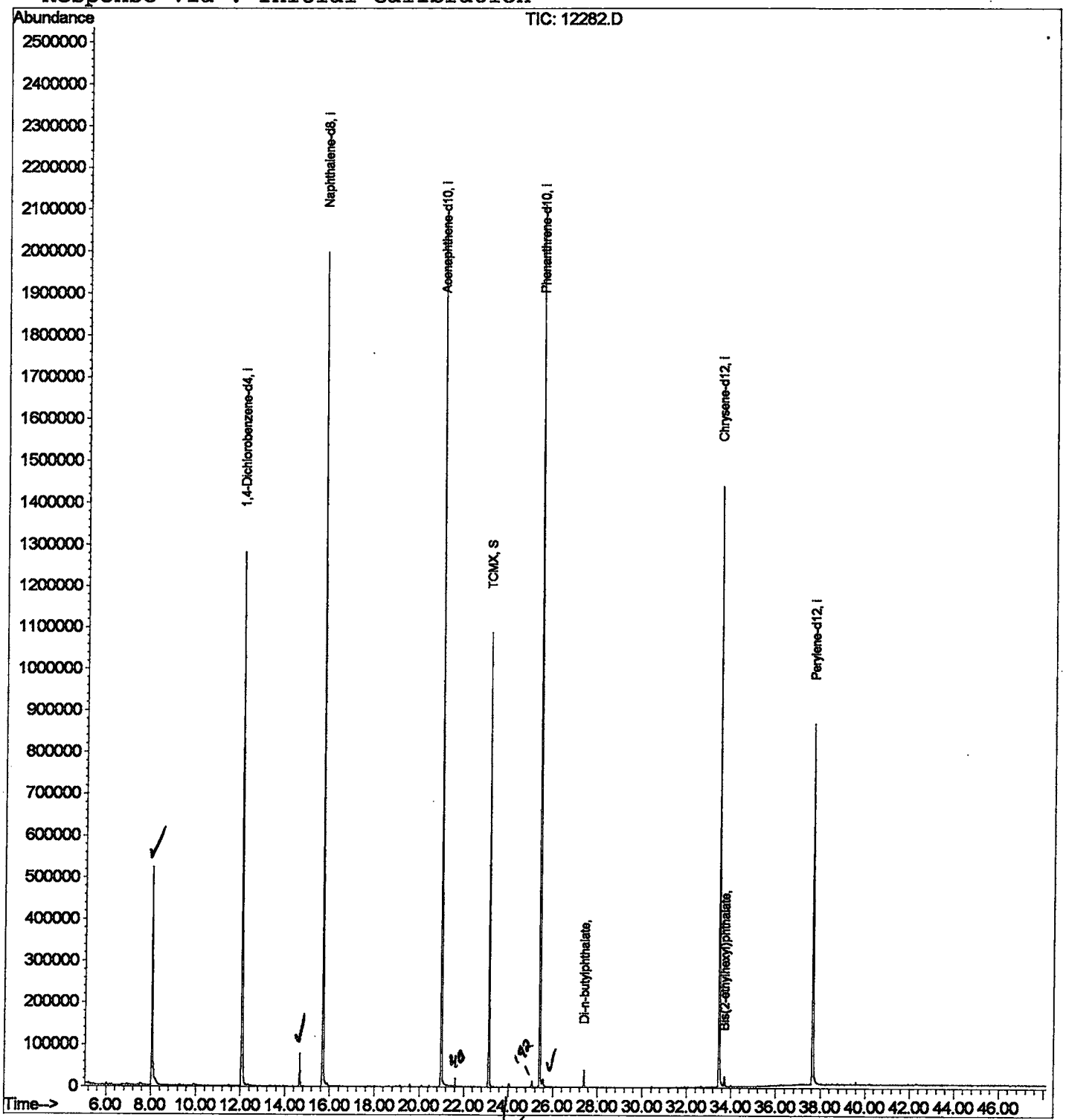
Quant Time: May 30 10:37 2002 Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12282.D Vial: 23
Acq On : 30 May 2002 8:56 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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

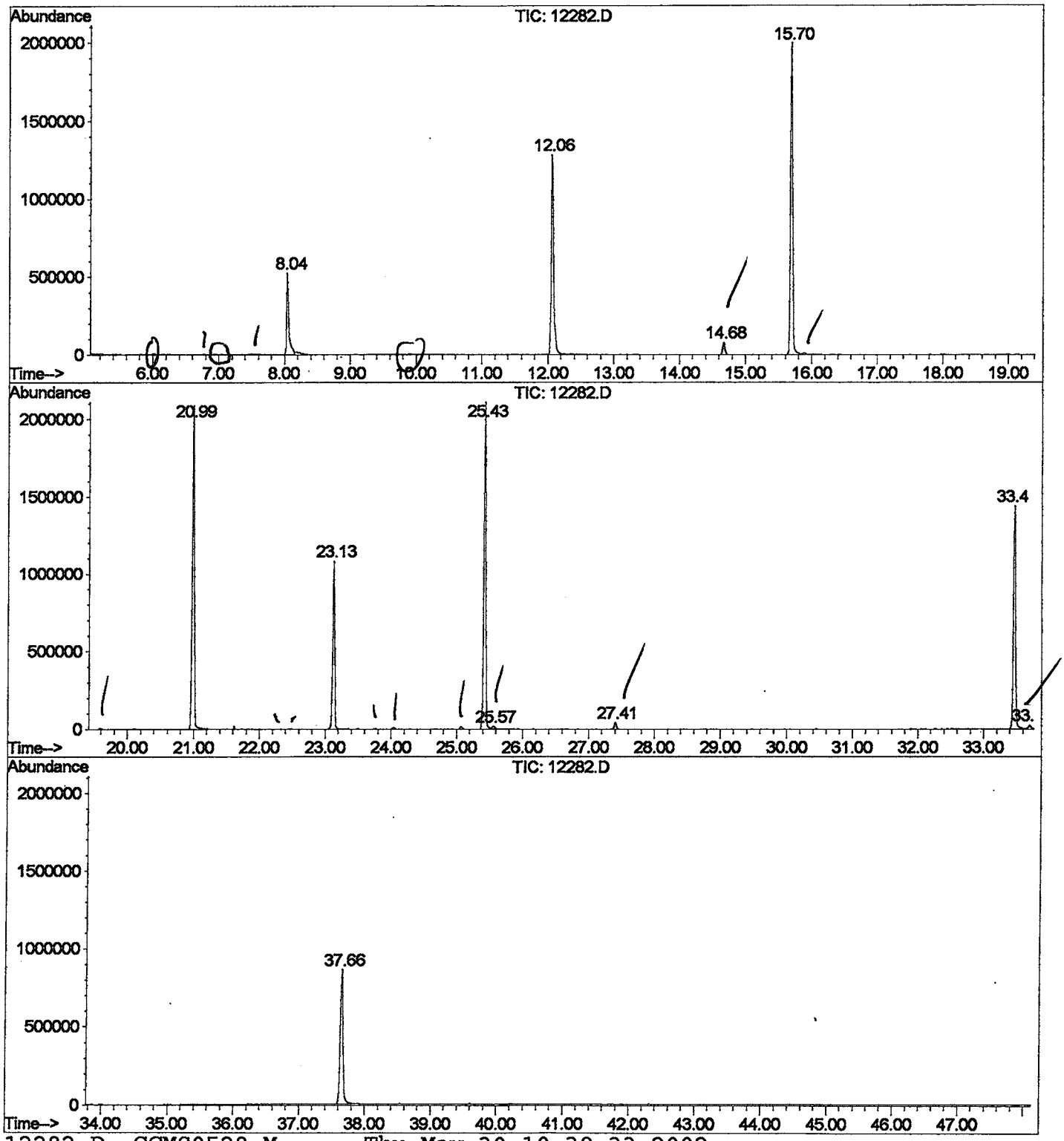
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.040	322	326	338	rBV	521609	1218150	26.46%	4.588%
2	12.061	759	764	781	rBV	1281094	3277895	71.20%	12.346%
3	14.678	1043	1049	1054	rBV2	78723	162982	3.54%	0.614%
4	15.697	1153	1160	1175	rBV	1996072	4434085	96.32%	16.701%
5	20.994	1729	1737	1748	rBV	2089178	4511553	98.00%	16.992%
6	23.133	1959	1970	1980	rBV	1086439	2295118	49.85%	8.644%
7	25.428	2213	2220	2231	rBV2	2109984	4603602	100.00%	17.339%
8	25.566	2231	2235	2243	rVB2	16928	49659	1.08%	0.187%
9	27.411	2430	2436	2441	rBV	41682	84740	1.84%	0.319%
10	33.470	3090	3096	3110	rBV2	1436569	3348187	72.73%	12.611%
11	33.709	3118	3122	3130	rVB	23470	52958	1.15%	0.199%
12	37.656	3543	3552	3569	rBV2	859156	2511619	54.56%	9.460%

Sum of corrected areas: 26550548

12282.D GCMS0528.M Thu May 30 10:39:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12282.D
Operator : Morgan
Acquired : 30 May 2002 8:56 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 23
Quant File :GCMS0528.RES (RTE Integrator)



12282.D GCMS0528.M Thu May 30 10:39:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12282.D
Acq On : 30 May 2002 8:56 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: Morgan
Inst : 209
Multiplr: 1.00

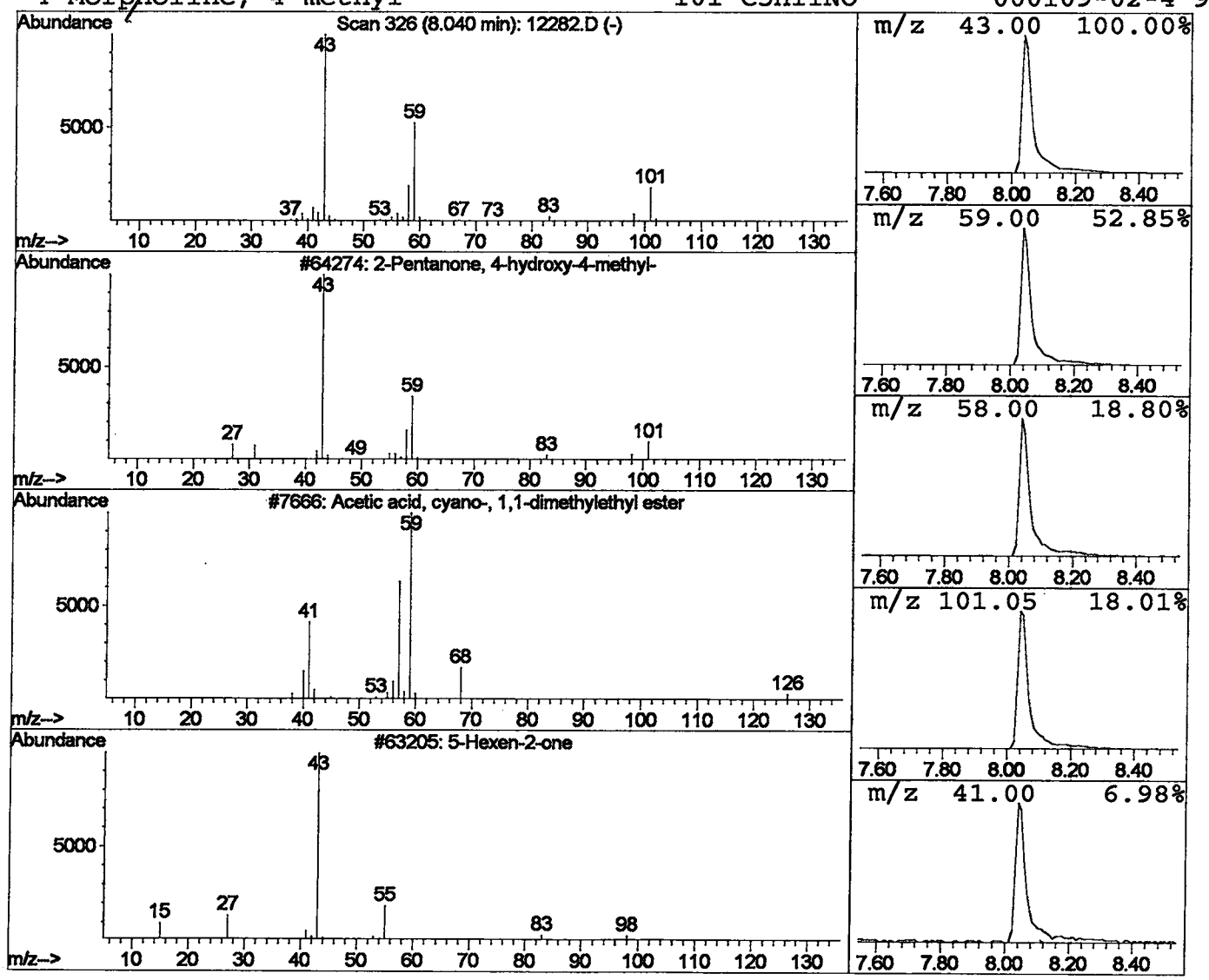
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	14.87 ug/l	1218150	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12282.D Vial: 23
Acq On : 30 May 2002 8:56 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

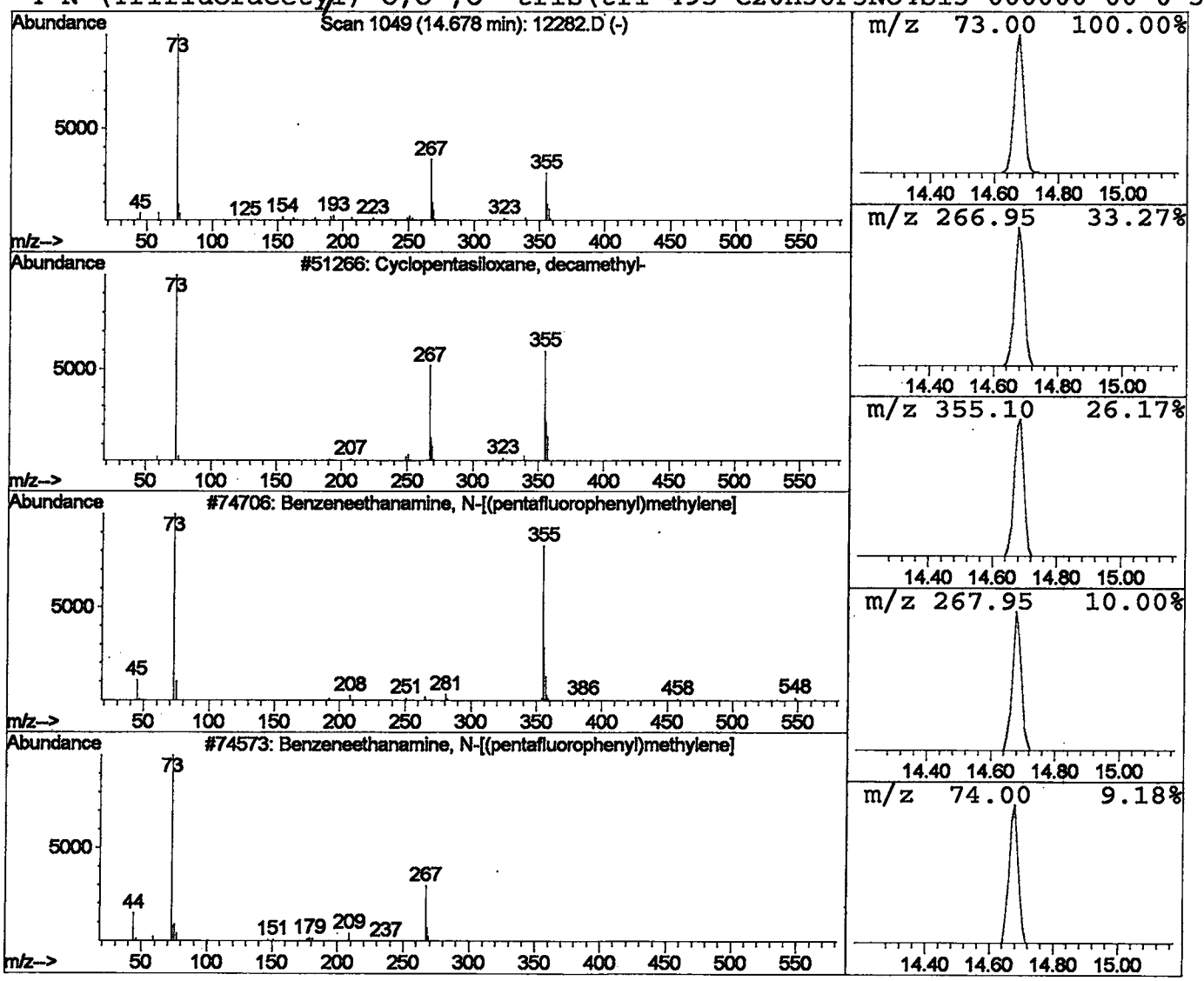
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1.47 ug/l	162982	Naphthalene-d8	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12282.D Vial: 23
Acq On : 30 May 2002 8:56 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

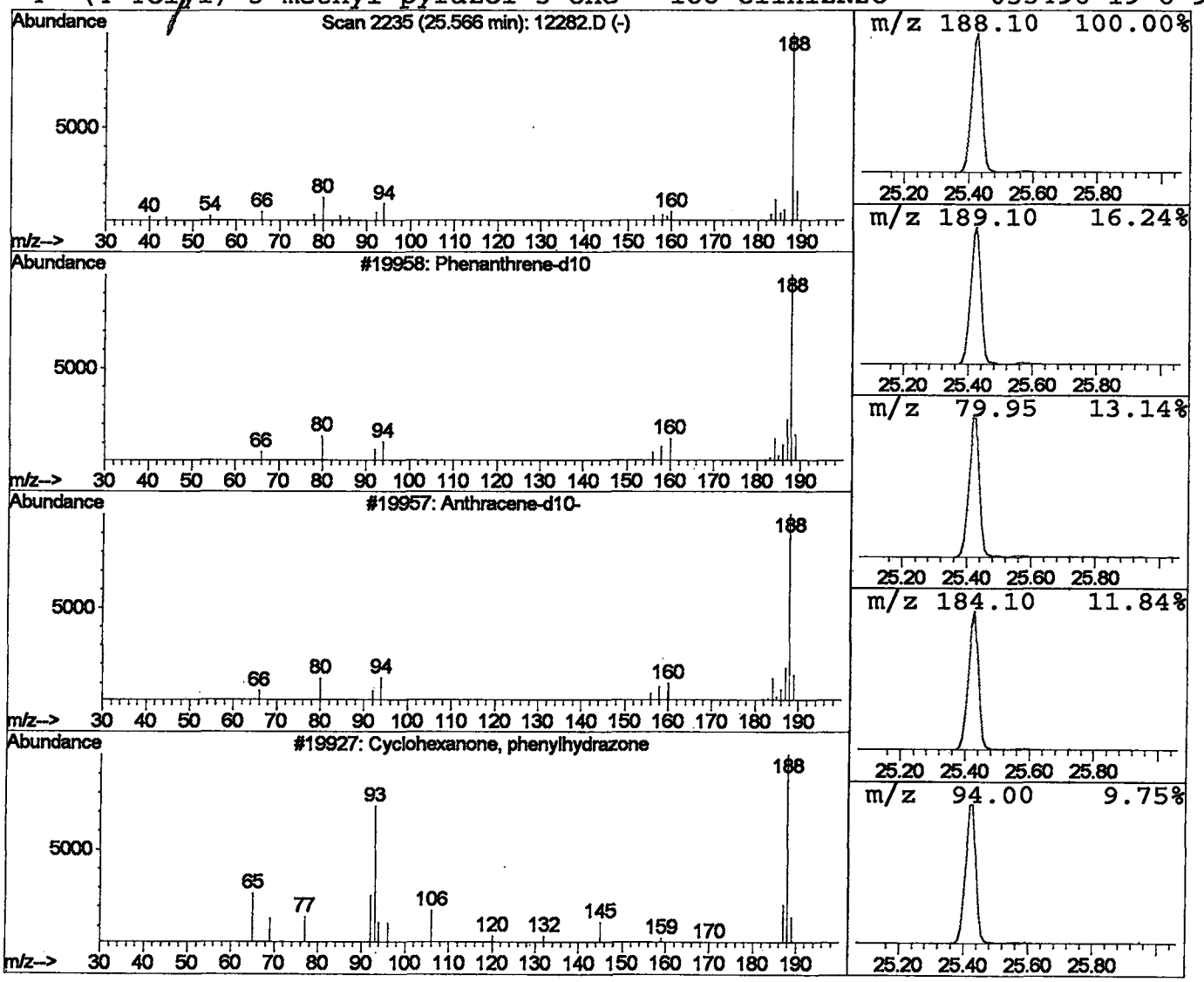
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.43 ug/l	49659	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	87
2	Anthracene-d10-	188	C14D10	001719-06-8	83
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	33
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 8:56 am
Data File: C:\HPCHEM\1\DATA\MAY2902\12282.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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	8.04	14.9	ug/l	1218150	ISTD01	12.06	3277900	40.0
Cyclopentasiloxane,	14.68	1.5	ug/l	162982	ISTD02	15.70	4434090	40.0
Phenanthrene-d10	25.57	0.4	ug/l	49659	ISTD04	25.43	4603600	40.0

12282.D GCMS0528.M Thu May 30 10:39:36 2002