User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 11:58:54

Sample: AE07484
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 11:57 Ended: 5/6/02 11:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		10.0

Comments for Sample AE07484 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 12:01:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:27 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

re-ent

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	424242	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1527348	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	872778	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1262636	20.00	ug/l	-0.03
39) Chrysene-d12	33.63	240	770531	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	471163	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	47645	10.80	ug/L	-0.05
Spiked Amount 10.000			Recovery = 108.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	14.56	82	324	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	634	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	1049	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.		

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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table
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Response via : Initial Calibration
DataAcq Meth : GCMS0412

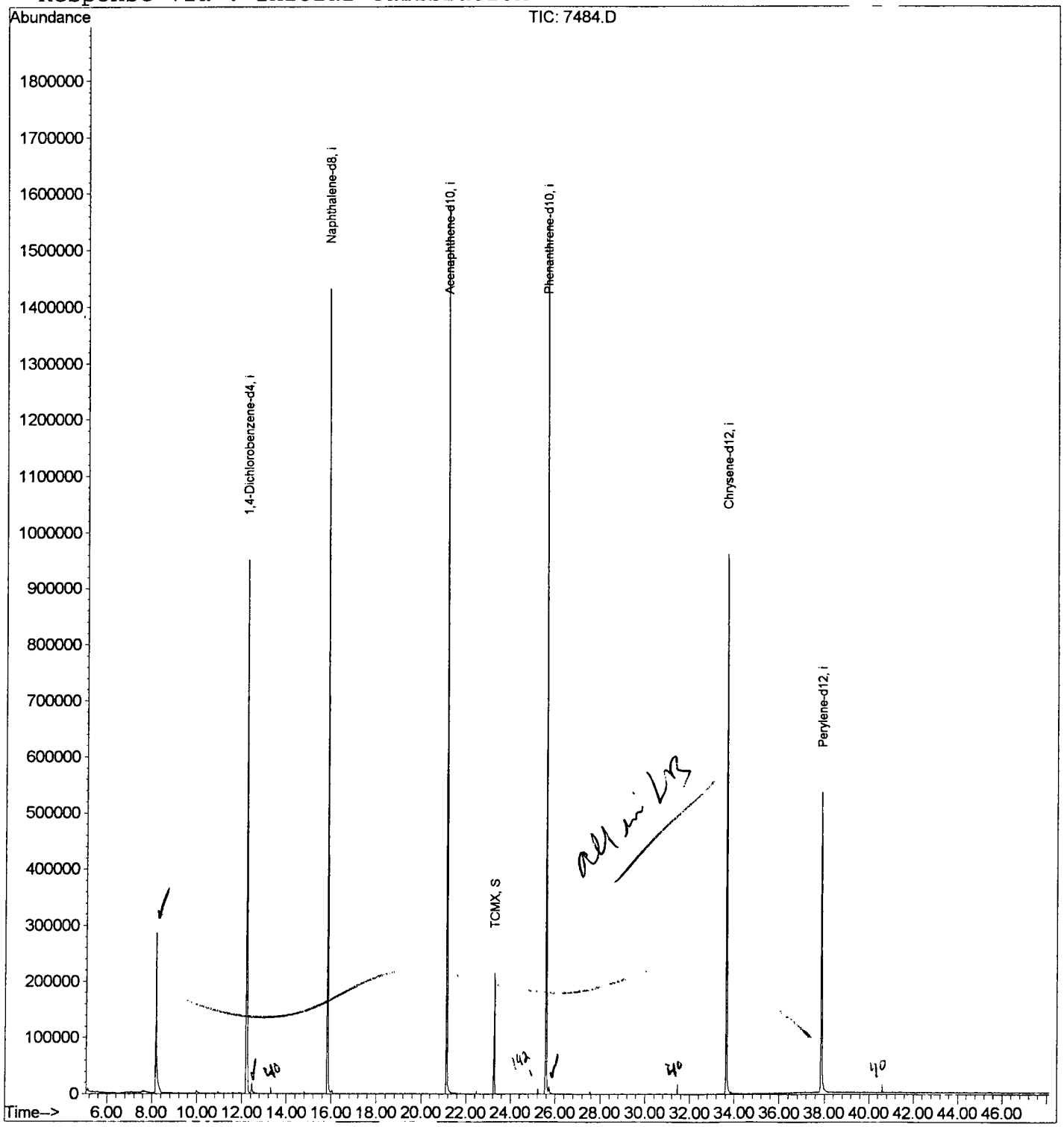
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	436	N.D.	
35) Anthracene	25.58	178	436	N.D.	
36) Di-n-butylphthalate	27.56	149	6852	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	1852	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2045	N.D.	
44) Chrysene	33.64	228	1852	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.87	252	1707	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) 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\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:27 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

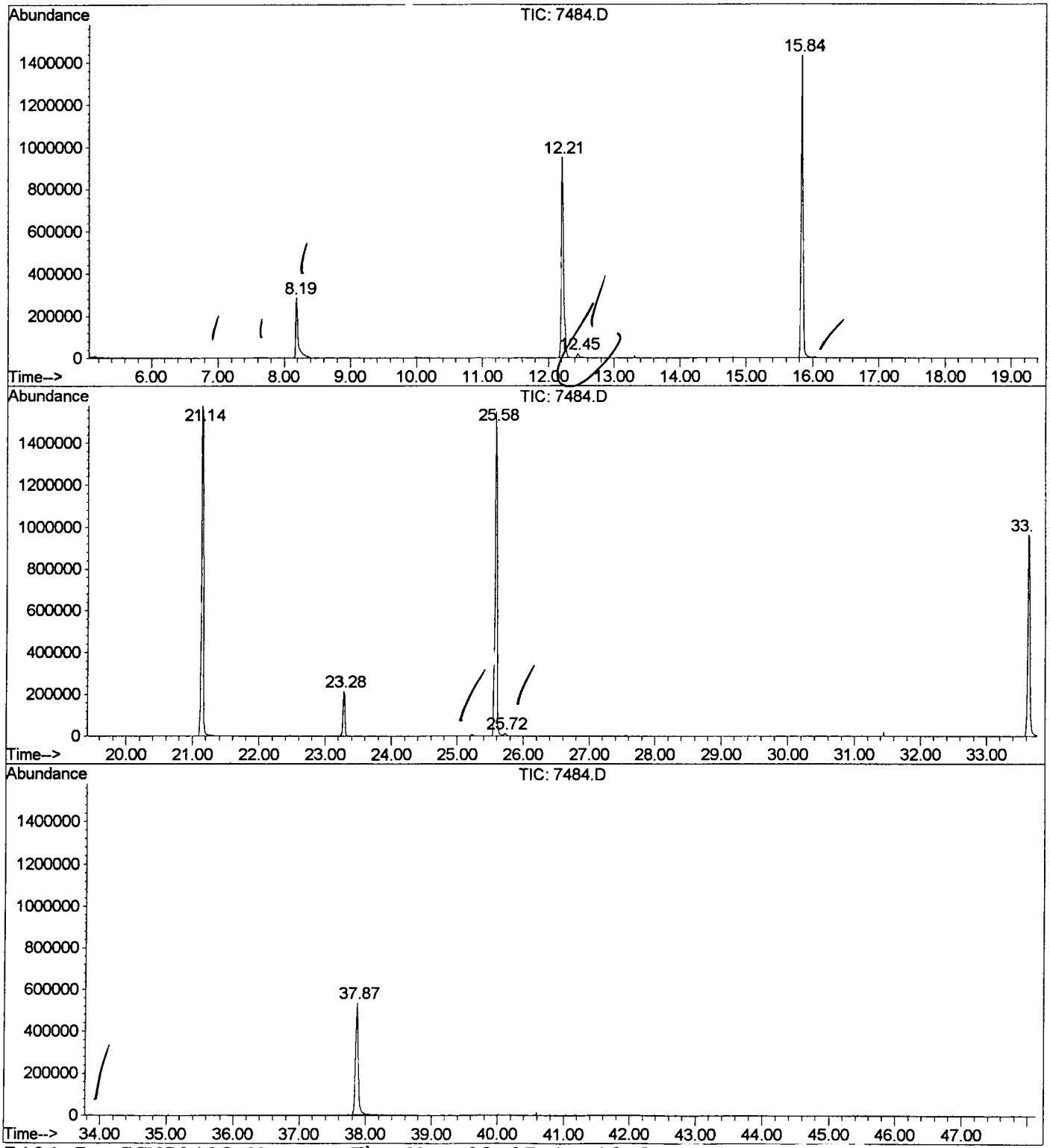
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.187	338	342	371	rVB	283719	739104	22.09%	4.418%
2	12.208	775	780	794	rVB	949420	2285757	68.32%	13.662%
3	12.447	802	806	814	rBV	19272	47623	1.42%	0.285%
4	15.844	1170	1176	1191	rBV	1430891	2919463	87.26%	17.450%
5	21.141	1747	1753	1774	rBV	1578925	3345890	100.00%	19.999%
6	23.280	1979	1986	1993	rBV	215093	431132	12.89%	2.577%
7	25.584	2230	2237	2248	rBV2	1548968	3163708	94.56%	18.910%
8	25.722	2248	2252	2262	rVB2	12643	36681	1.10%	0.219%
9	33.635	3108	3114	3133	rBV2	961816	2209980	66.05%	13.209%
10	37.867	3567	3575	3589	rBV2	533127	1551163	46.36%	9.271%

Sum of corrected areas: 16730501

7484.D GCMS0412.M Thu May 02 05:34:17 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\7484.D
Operator :
Acquired : 26 Apr 2002 11:15 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 7
Quant File :GCMS0412.RES (RTE Integrator)



7484.D GCMS0412.M Thu May 02 05:34:18 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

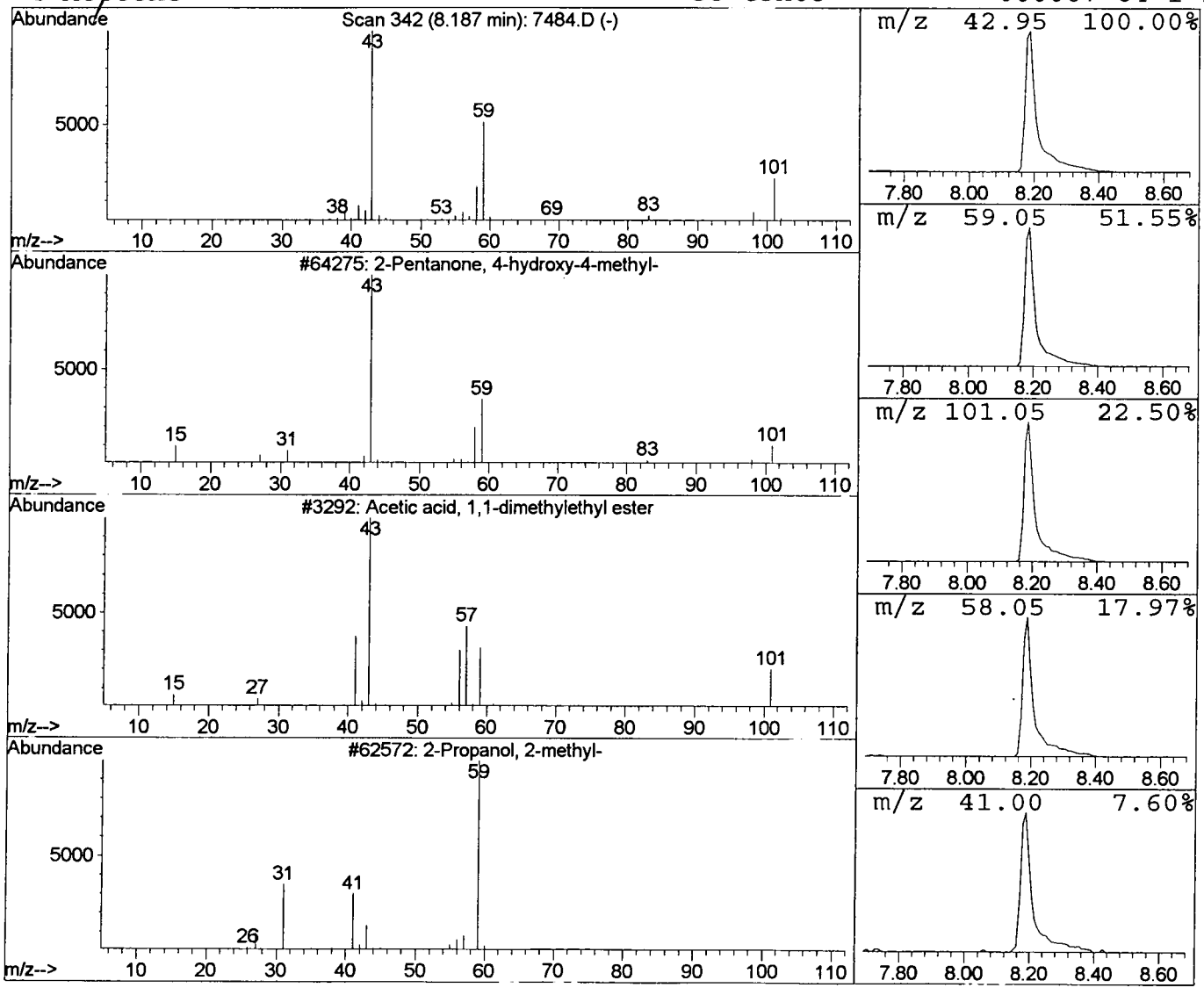
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.47 ug/l	739104	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	Acetone	58	C3H6O	000067-64-1	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

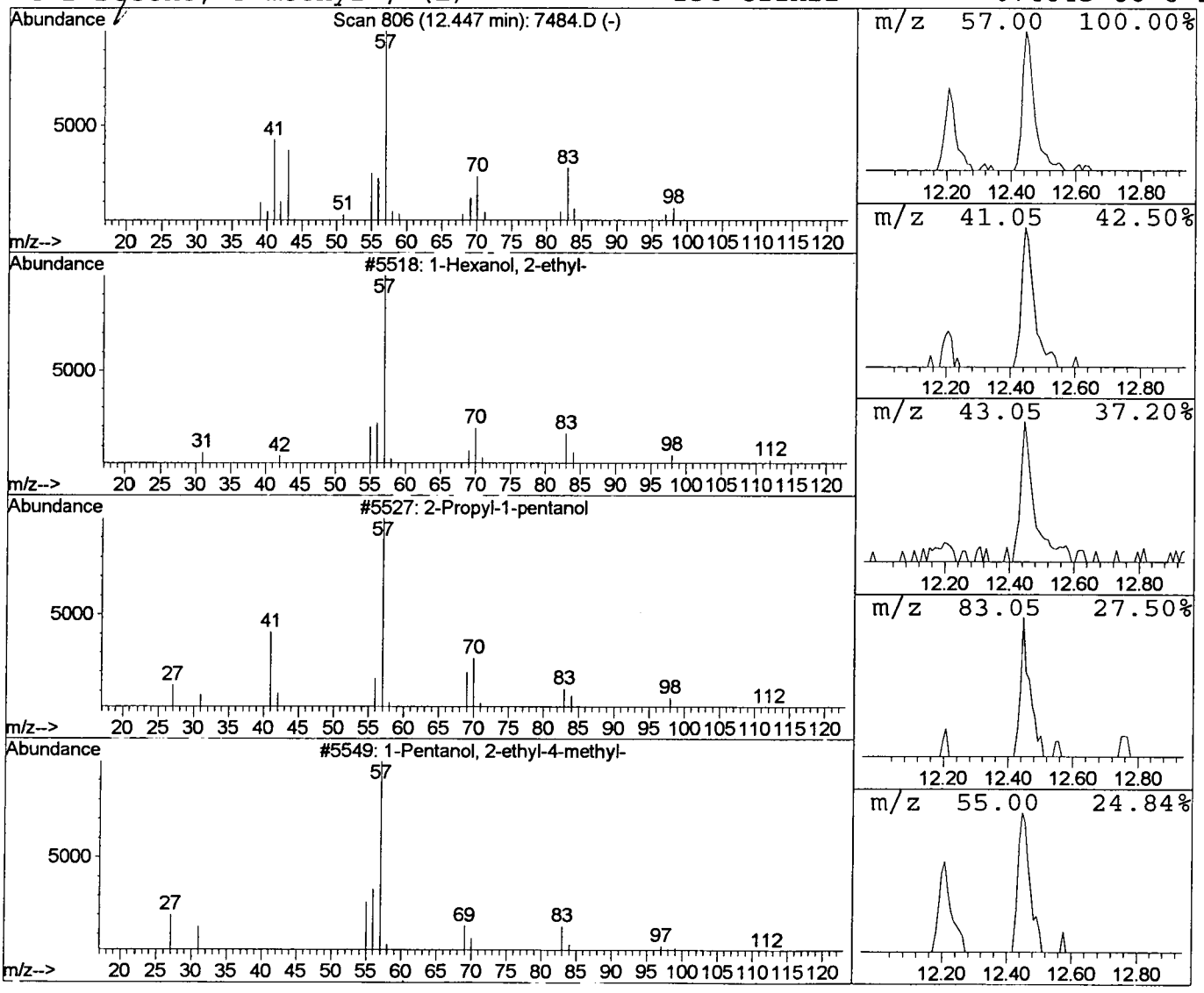
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	0.42 ug/l	47623	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	37
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	25
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\7484.D Vial: 7
Acq On : 26 Apr 2002 11:15 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

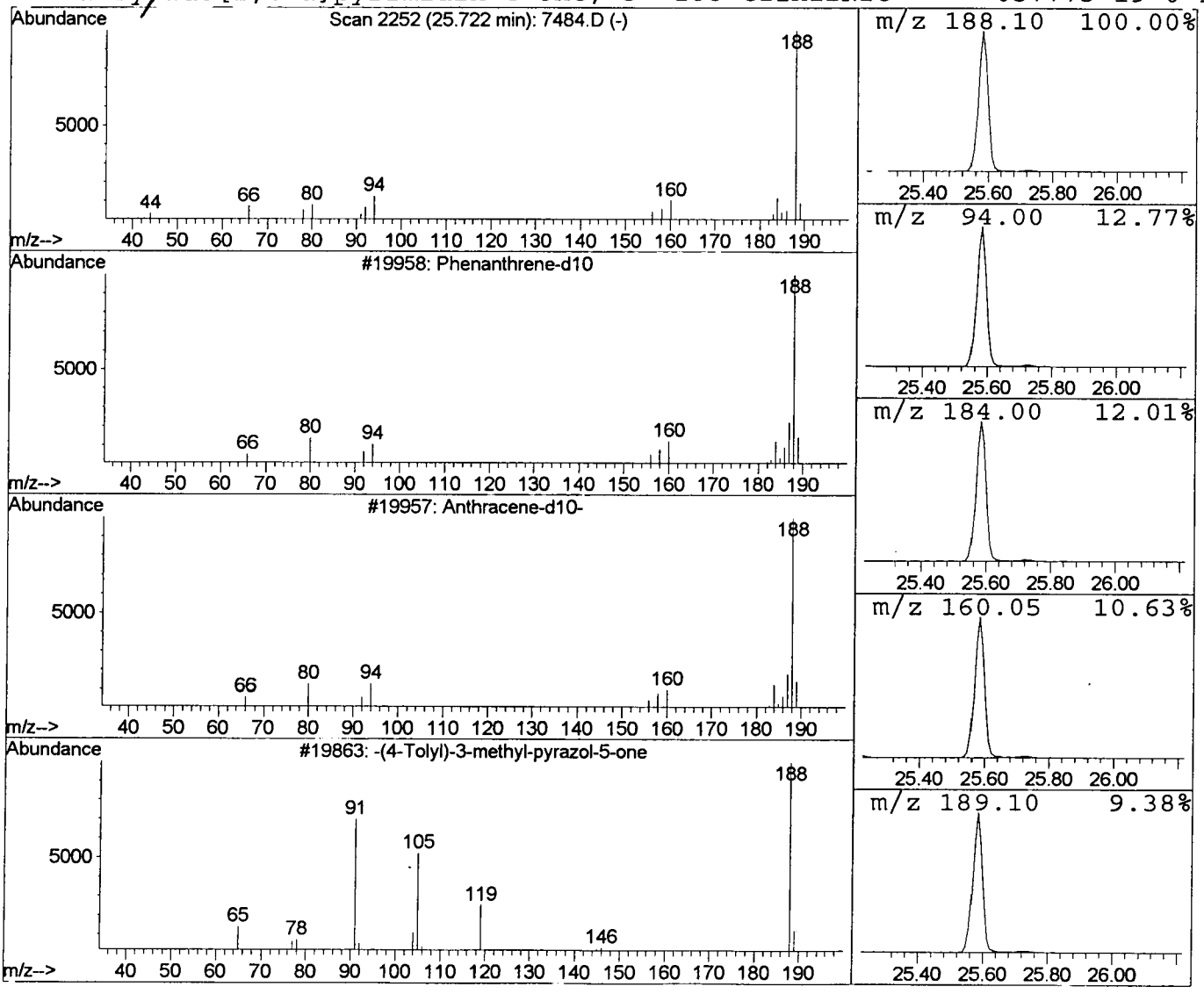
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.23 ug/l	36681	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	53
2	Anthracene-d10-	188	C14D10	001719-06-8	50
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 11:15 pm
Data File: C:\HPCHEM\1\DATA\APR2502\7484.D
Name: gc/ms scan 4/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	8.19	6.5	ug/l	739104	ISTD01	12.21	2285760	20.0
1-Hexanol, 2-ethyl-	12.45	0.4	ug/l	47623	ISTD01	12.21	2285760	20.0
Phenanthrene-d10	25.72	0.2	ug/l	36681	ISTD04	25.58	3163710	20.0

7484.D GCMS0412.M Thu May 02 05:34:21 2002