User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 15:13:10

Sample: AE07107
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 15:12 Ended: 4/29/02 15:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE07107 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 15:13:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7107.D Vial: 13
Acq On : 25 Apr 2002 3:27 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:30 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	560709	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2055286	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1151769	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1683081	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1072449	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	675318	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42140	7.30	ug/L	-0.05
Spiked Amount 10.000			Recovery = 73.00%			
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	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	22.63	149	684	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	23.28	168	169	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7107.D Vial: 13
Acq On : 25 Apr 2002 3:27 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:30 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

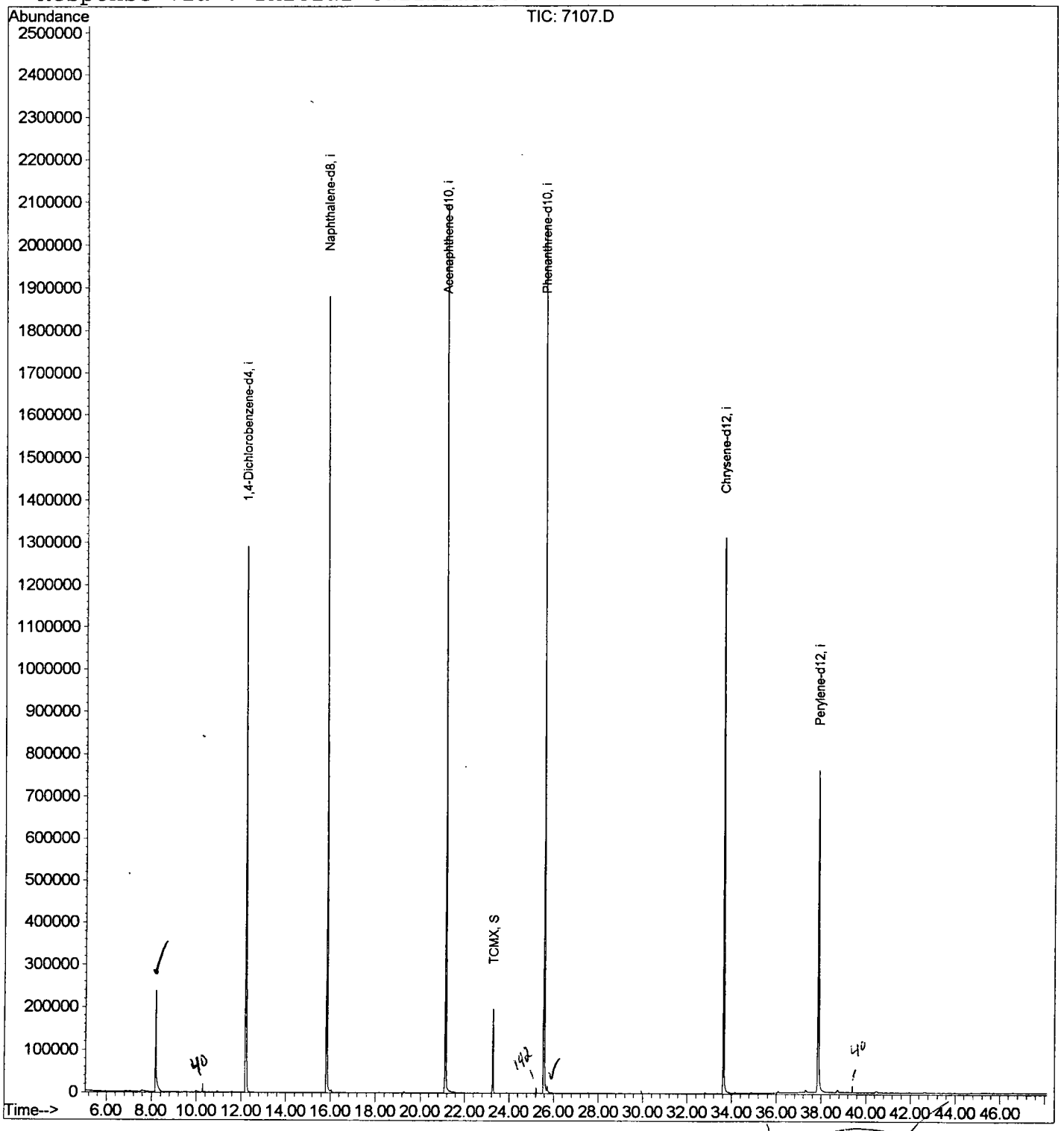
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	390	N.D.	
35)	Anthracene	25.59	178	390	N.D.	
36)	Di-n-butylphthalate	27.56	149	3597	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2579	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.85	149	805	N.D.	
44)	Chrysene	33.64	228	2579	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	2507	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\APR2402\7107.D Vial: 13
Acq On : 25 Apr 2002 3:27 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:30 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2402\7107.D Vial: 13
Acq On : 25 Apr 2002 3:27 am 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

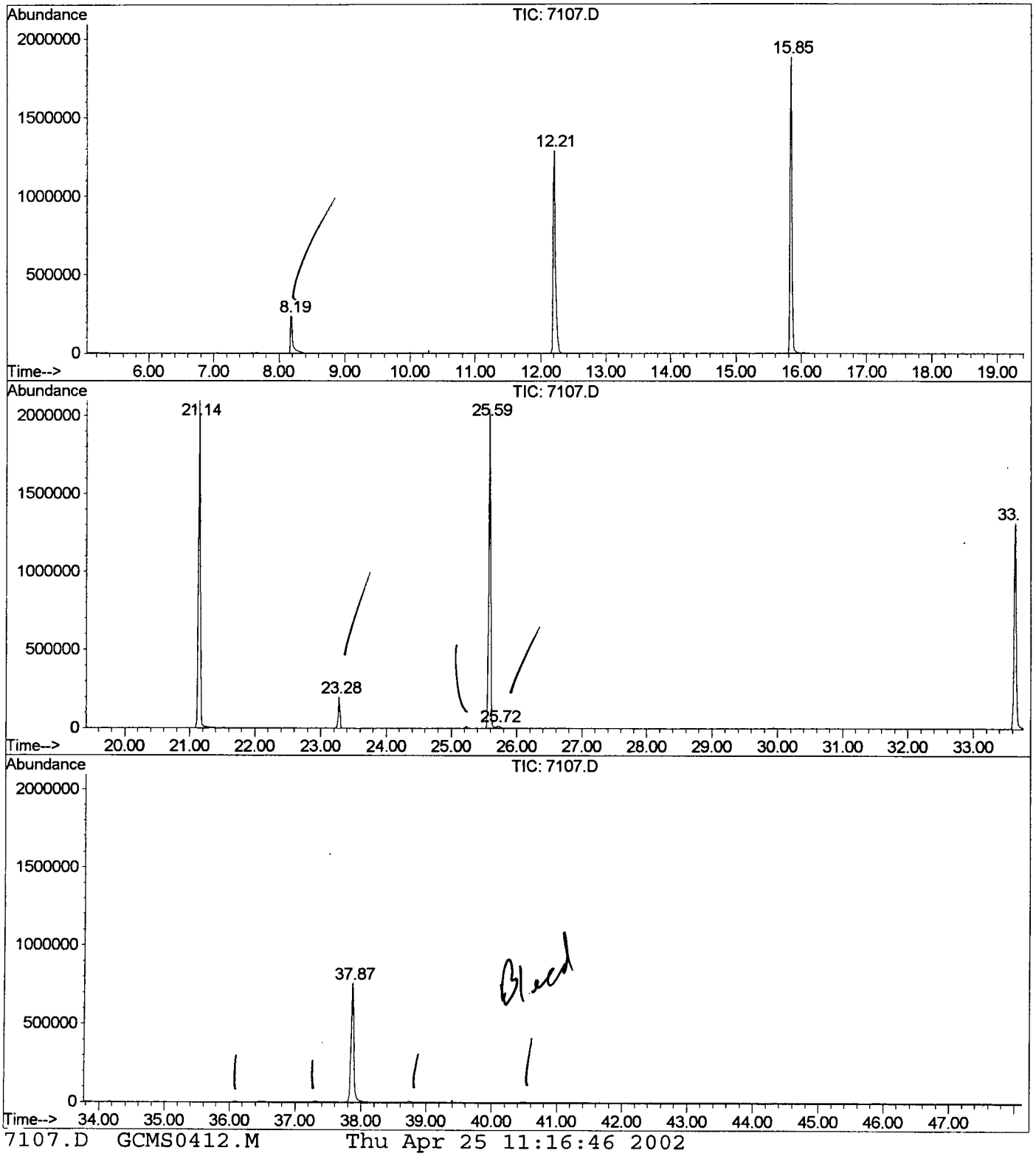
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.189	338	342	369	rBV	237273	607683	13.85%	2.774%
2	12.210	774	780	795	rBV	1291371	3024001	68.93%	13.803%
3	15.845	1170	1176	1193	rBV	1880451	3870514	88.23%	17.666%
4	21.142	1747	1753	1774	rBV	2095750	4386787	100.00%	20.023%
5	23.281	1978	1986	1997	rVB	197835	382555	8.72%	1.746%
6	25.585	2230	2237	2247	rBV2	2042910	4216386	96.12%	19.245%
7	25.723	2248	2252	2263	rVB	15945	44165	1.01%	0.202%
8	33.646	3108	3115	3129	rBV2	1311101	3090802	70.46%	14.107%
9	37.869	3566	3575	3594	rBV2	759088	2286180	52.12%	10.435%

Sum of corrected areas: 21909073

7107.D GCMS0412.M Thu Apr 25 11:16:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7107.D
Operator :
Acquired : 25 Apr 2002 3:27 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 13
Quant File :GCMS0412.RES (RTE Integrator)



7107.D GCMS0412.M Thu Apr 25 11:16:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7107.D
Acq On : 25 Apr 2002 3:27 am
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator:
Inst : 209
Multiplr: 1.00

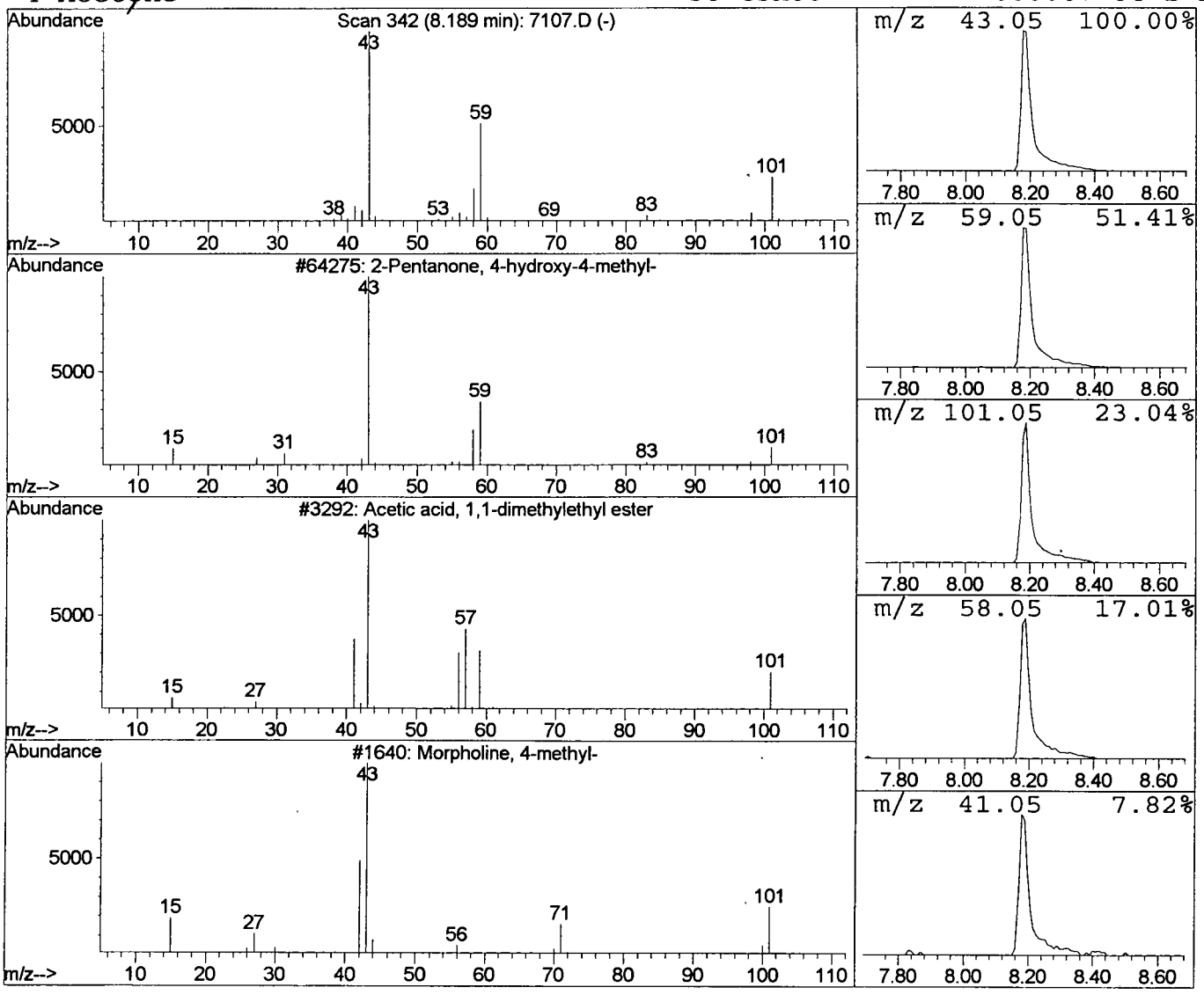
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.02 ug/l	607683	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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7107.D Vial: 13
Acq On : 25 Apr 2002 3:27 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

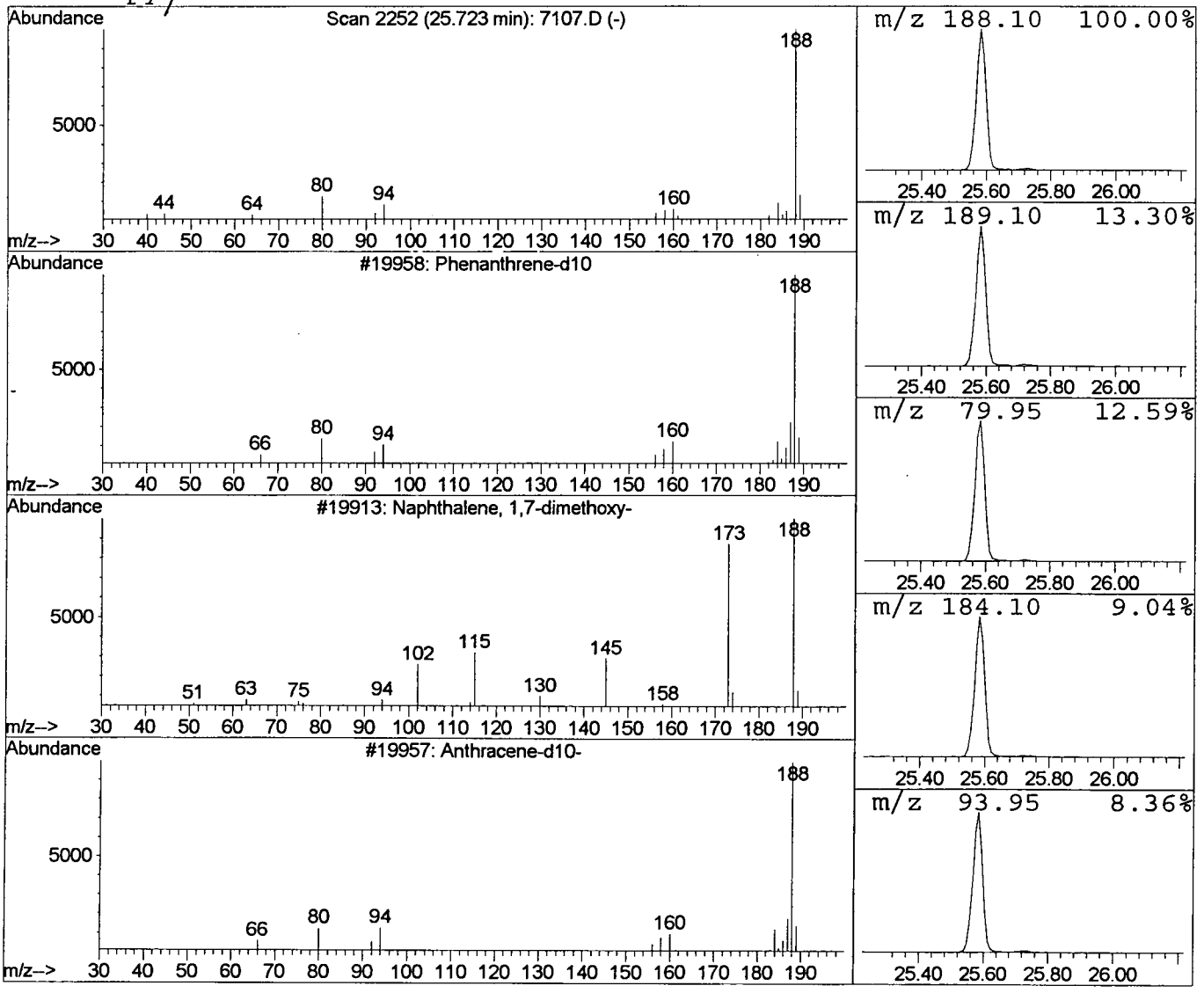
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.21 ug/l	44165	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	42
3	Anthracene-d10-	188	C14D10	001719-06-8	42
4	Antipyrine	188	C11H12N2O	000060-80-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 3:27 am
Data File: C:\HPCHEM\1\DATA\APR2402\7107.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	4.0	ug/l	607683	ISTD01	12.21	3024000	20.0
Phenanthrene-d10	25.72	0.2	ug/l	44165	ISTD04	25.59	4216390	20.0

7107.D GCMS0412.M Thu Apr 25 11:16:48 2002