User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 15:21:58

Sample: AE10607
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 15:21 Ended: 5/15/02 15:21 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		10.0

Comments for Sample AE10607 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 15:22:06

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\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:33 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 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	452821	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1647158	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	899715	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1229741	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	644477	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	387937	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	42802	9.56	ug/L	0.00
Spiked Amount 10.000			Recovery = 95.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.41	74	173	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	15.89	128	275	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	643	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	25.63	178	208	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:33 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

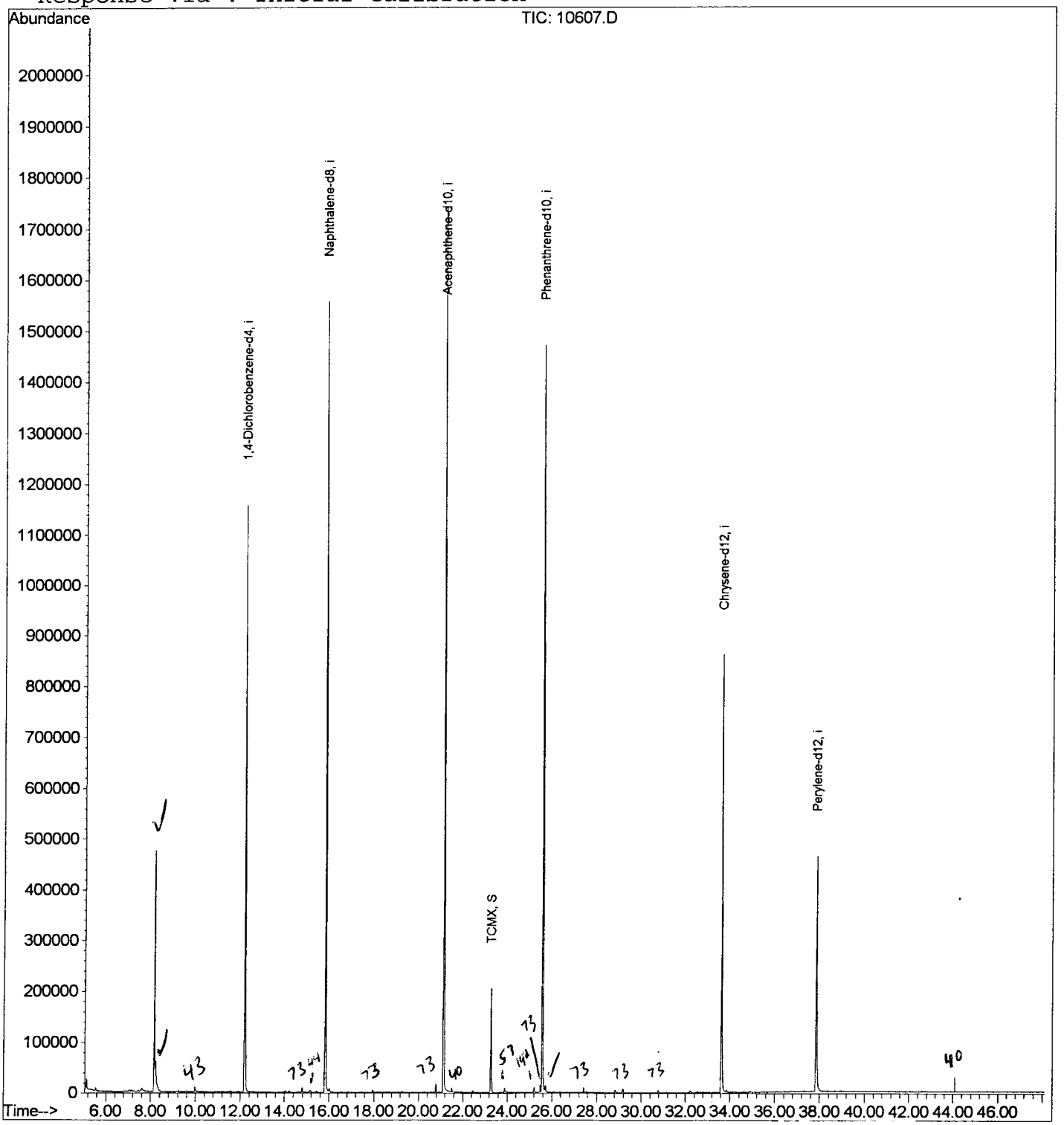
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	208	N.D.	
36)	Di-n-butylphthalate	27.55	149	3872	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	2170	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2268	N.D.	
43)	Chrysene	33.71	228	699	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.68	252	640	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	585	N.D.	
48)	Benzo(a)pyrene	37.67	252	276	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\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:33 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

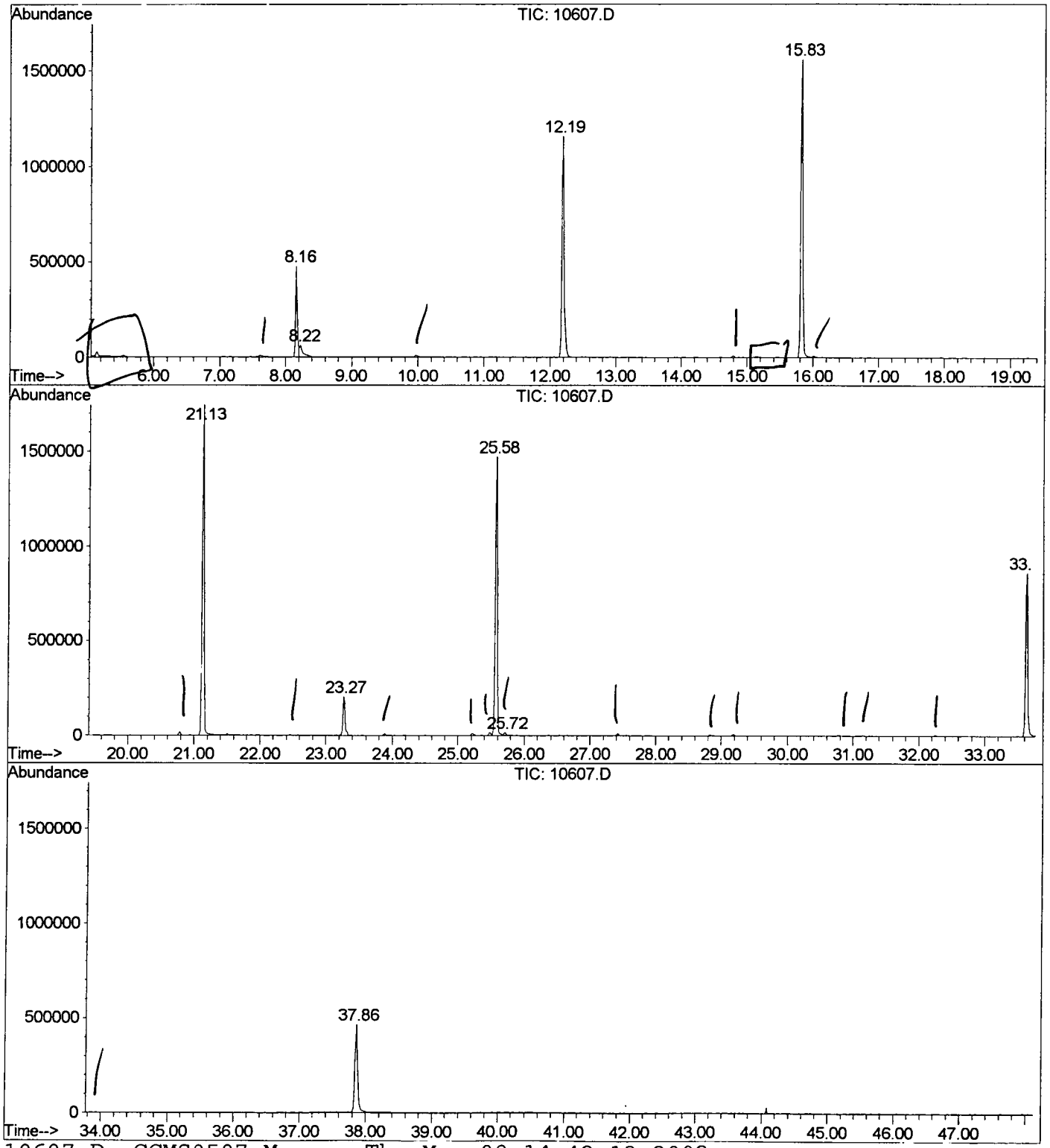
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	345	rBV	473530	898196	24.95%	5.113%
2	8.223	345	347	372	rVB	60223	215337	5.98%	1.226%
3	12.190	775	780	797	rBV	1156534	2568790	71.35%	14.624%
4	15.828	1170	1177	1191	rBV	1555982	3242563	90.07%	18.460%
5	21.134	1749	1756	1772	rBV	1743059	3600105	100.00%	20.495%
6	23.269	1982	1989	1998	rBV2	204691	443300	12.31%	2.524%
7	25.578	2234	2241	2251	rVV2	1470350	3277954	91.05%	18.661%
8	25.716	2251	2256	2264	rVB	12806	36303	1.01%	0.207%
9	33.633	3113	3120	3137	rBV2	860996	1931850	53.66%	10.998%
10	37.858	3573	3581	3603	rBV	462399	1351103	37.53%	7.692%

Sum of corrected areas: 17565501

10607.D GCMS0507.M Thu May 09 14:42:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\10607.D
Operator :
Acquired : 8 May 2002 3:27 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/3
Misc Info :
Vial Number: 6
Quant File :GCMS0507.RES (RTE Integrator)



10607.D GCMS0507.M Thu May 09 14:42:13 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

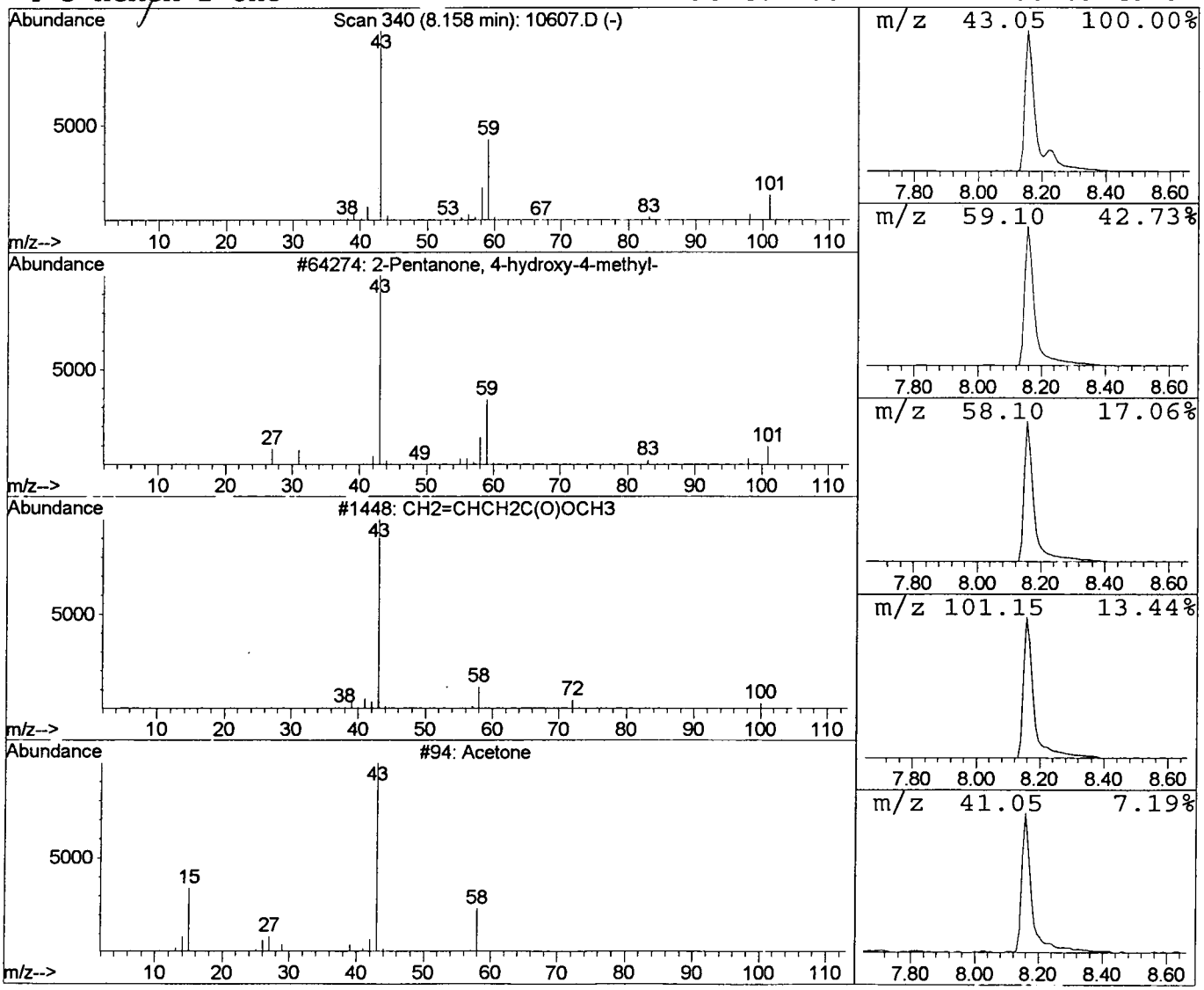
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.99 ug/l	898196	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	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

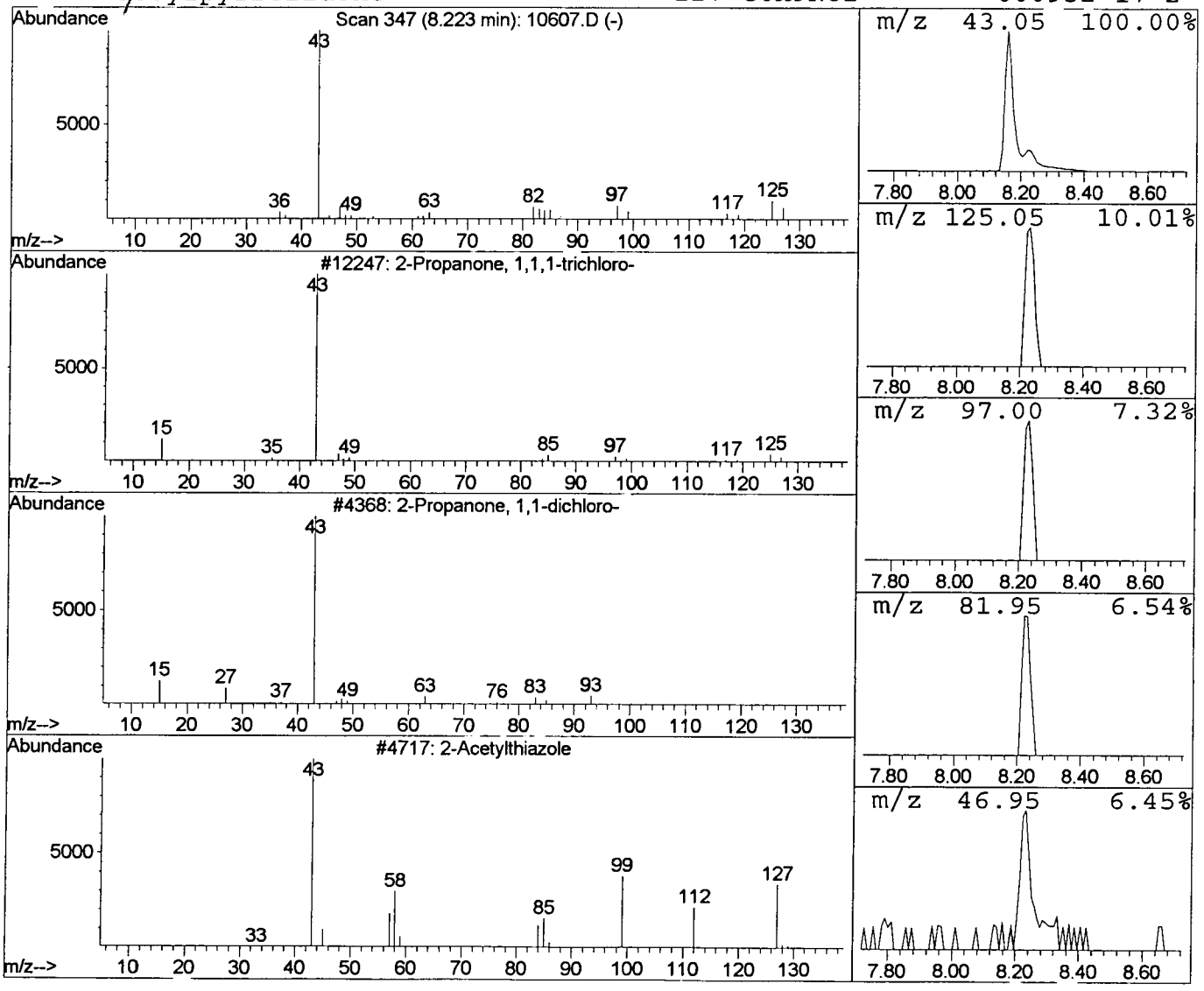
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	3.35 ug/l	215337	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\10607.D Vial: 6
Acq On : 8 May 2002 3:27 pm Operator:
Sample : GC/MS SCAN 5/3 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

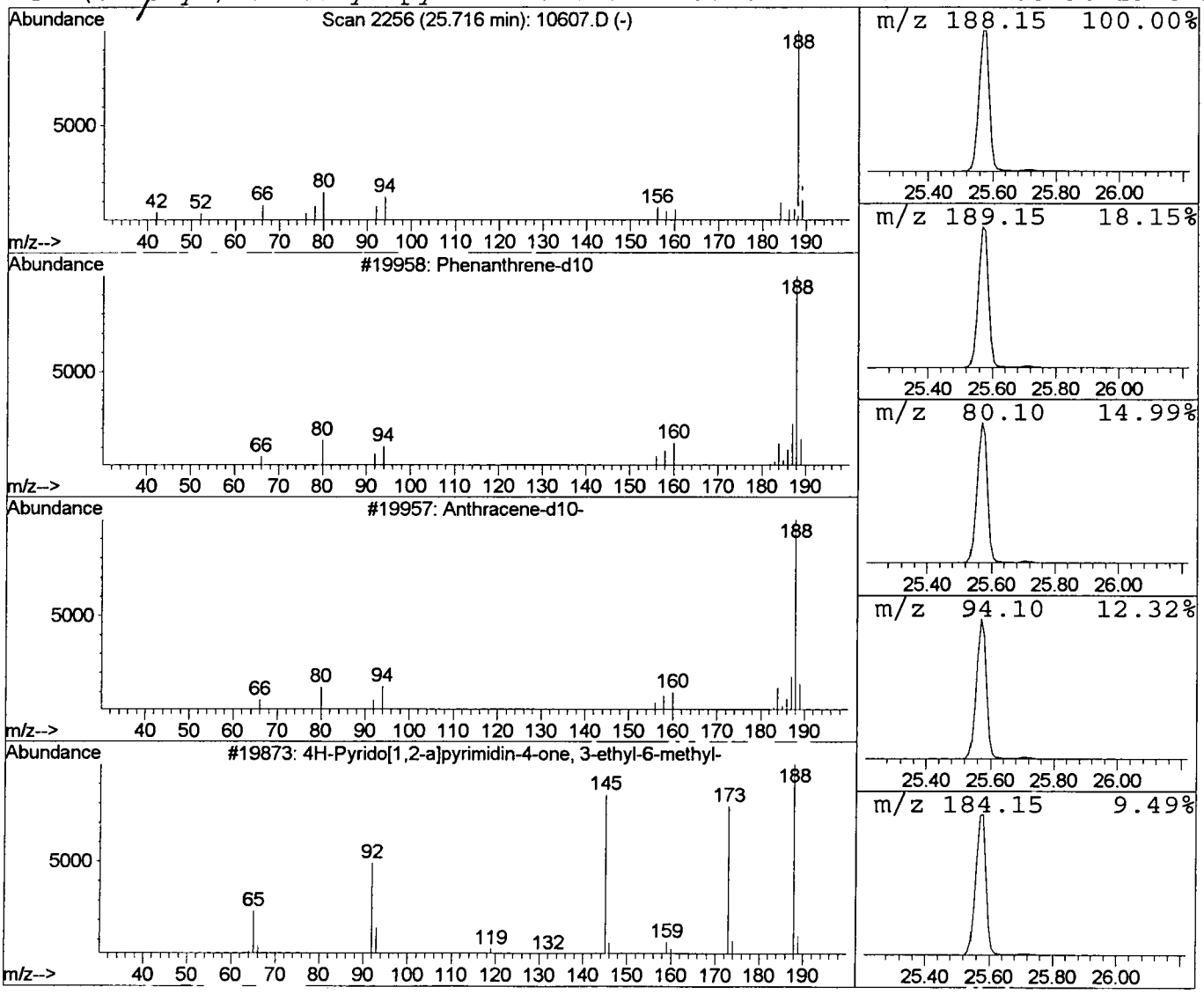
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.44 ug/l	36303	Phenanthrene-d10	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	40
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 3:27 pm
Data File: C:\HPCHEM\1\DATA\MAY0802\10607.D
Name: GC/MS SCAN 5/3
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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	14.0	ug/l	898196	ISTD01	12.19	2568790	40.0
2-Propanone, 1,1,1-t	8.22	3.4	ug/l	215337	ISTD01	12.19	2568790	40.0
Phenanthrene-d10	25.72	0.4	ug/l	36303	ISTD04	25.57	3277950	40.0

10607.D GCMS0507.M Thu May 09 14:42:17 2002