User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 15:37:40

Sample: AE07486
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 15:34 Ended: 4/23/02 15:34 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		10.0

Comments for Sample AE07486 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 15:38:06

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\APR1802\7486.D Vial: 19
Acq On : 20 Apr 2002 11:07 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:27 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 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	445694	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1605386	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	906092	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1327386	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	938975	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	640335	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35202	4.66	ug/L	-0.05
Spiked Amount 4.000			Recovery = 116.50%			
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	5.52	74	175	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	2668	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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Last Update : Fri Apr 19 14:51:24 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	25.58	178	414	N.D.	
35)	Anthracene	25.58	178	414	N.D.	
36)	Di-n-butylphthalate	27.55	149	11234	0.26 ug/l	97
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	2145	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	3019	N.D.	
44)	Chrysene	33.71	228	284	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	37.88	252	2328	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.	

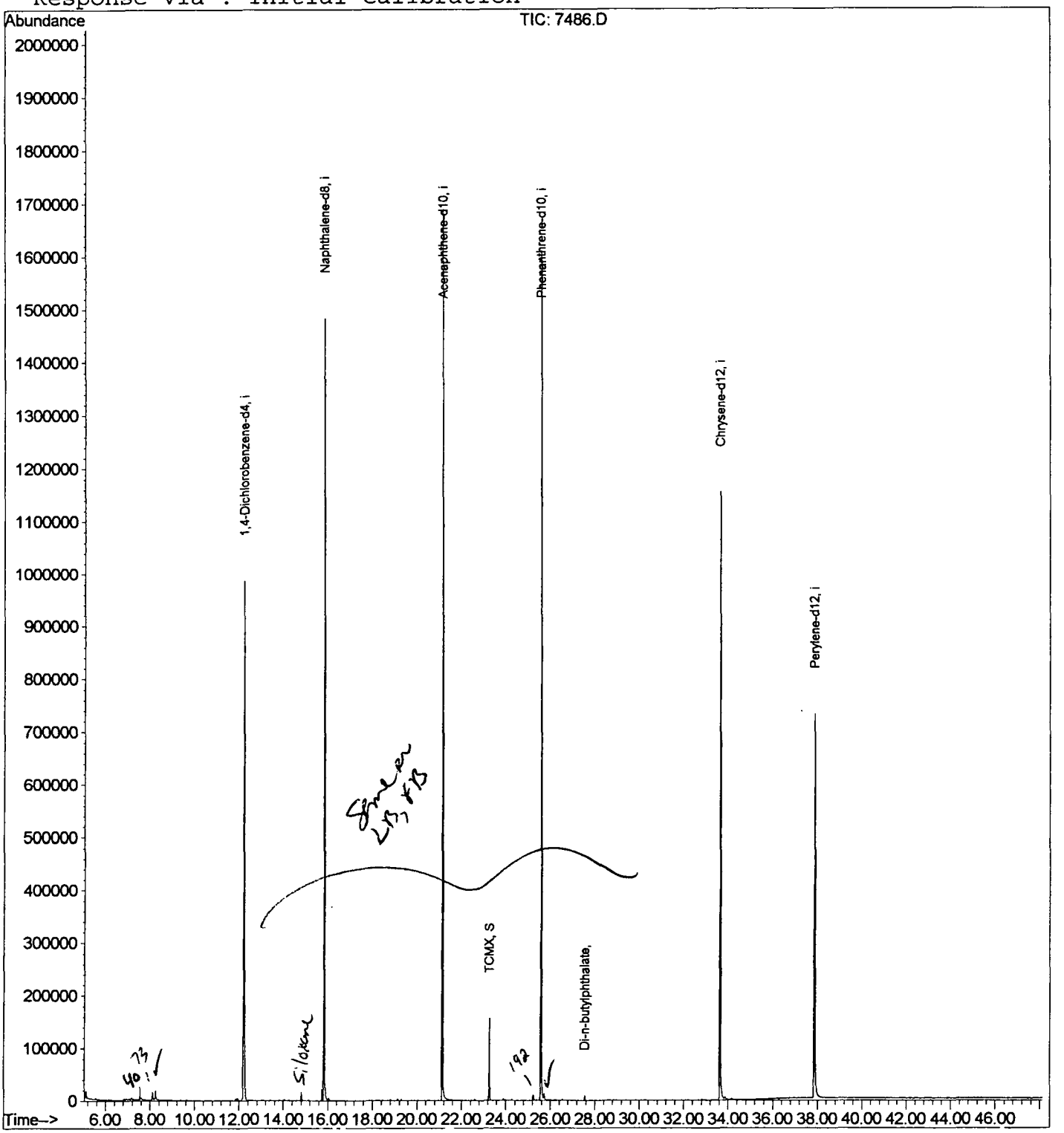
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7486.D
Acq On : 20 Apr 2002 11:07 am
Sample : gc/ms scan 4/1
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:27 2002

Vial: 19
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7486.D Vial: 19
Acq On : 20 Apr 2002 11:07 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

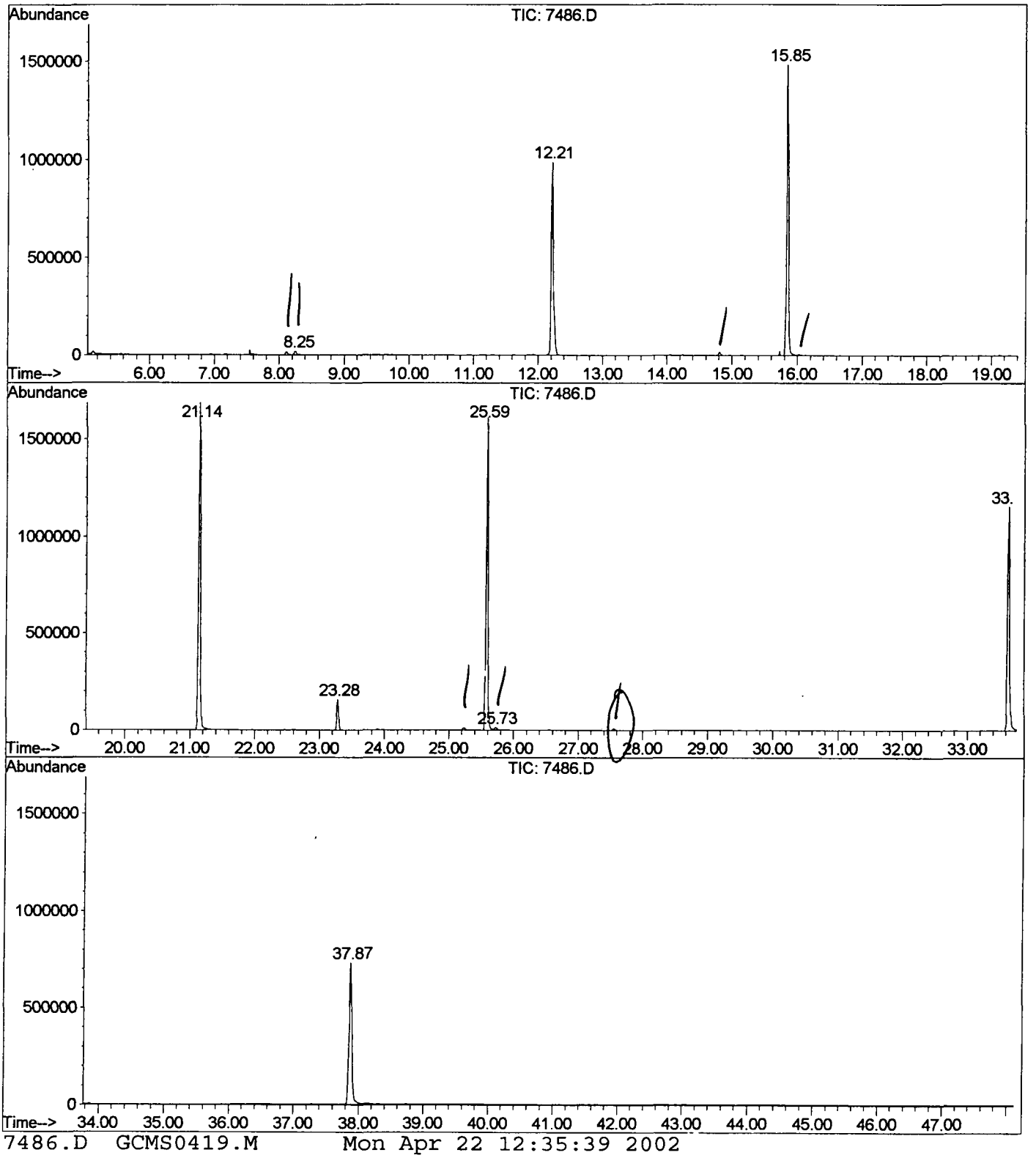
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.246	345	349	357	rBV	16340	35588	1.03%	0.205%
2	12.212	775	781	798	rVB	986384	2377036	69.11%	13.706%
3	15.848	1171	1177	1193	rBV	1483430	3027981	88.03%	17.459%
4	21.145	1748	1754	1770	rBV	1688969	3439531	100.00%	19.832%
5	23.284	1981	1987	1994	rVB	157071	303102	8.81%	1.748%
6	25.588	2231	2238	2249	rBV	1610829	3303868	96.06%	19.050%
7	25.726	2249	2253	2264	rVB	12523	36431	1.06%	0.210%
8	33.639	3108	3115	3135	rBV2	1153923	2688444	78.16%	15.502%
9	37.871	3568	3576	3593	rBV2	727124	2130994	61.96%	12.287%

Sum of corrected areas: 17342975

7486.D GCMS0419.M Mon Apr 22 12:35:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7486.D
Operator :
Acquired : 20 Apr 2002 11:07 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1
Misc Info :
Vial Number: 19
Quant File :GCMS0419.RES (RTE Integrator)



7486.D GCMS0419.M Mon Apr 22 12:35:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7486.D Vial: 19
Acq On : 20 Apr 2002 11:07 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

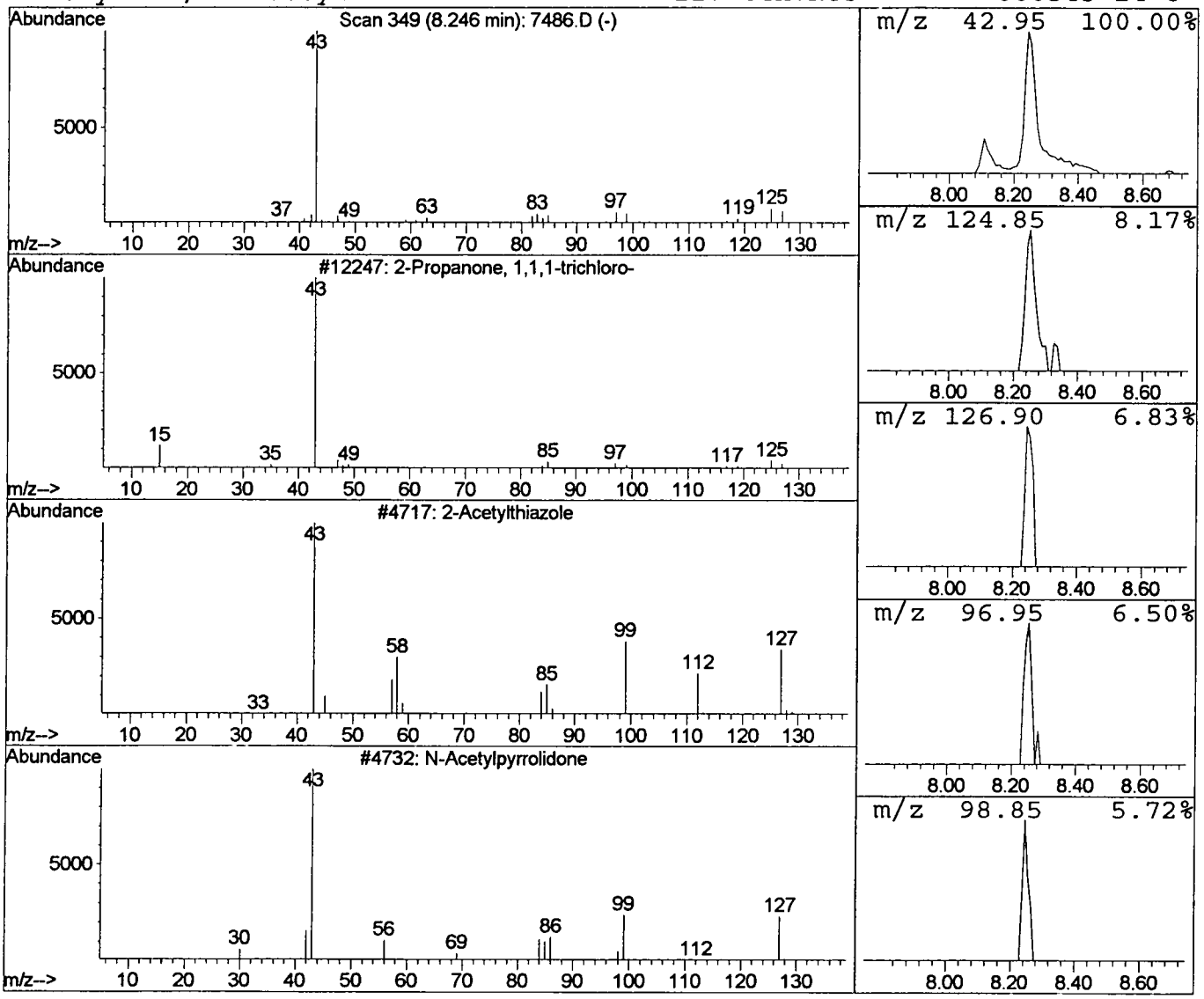
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.30 ug/l	35588	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	39
2	2-Acetylthiazole	127	C5H5NOS	024295-03-2	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
4	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7486.D Vial: 19
Acq On : 20 Apr 2002 11:07 am Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

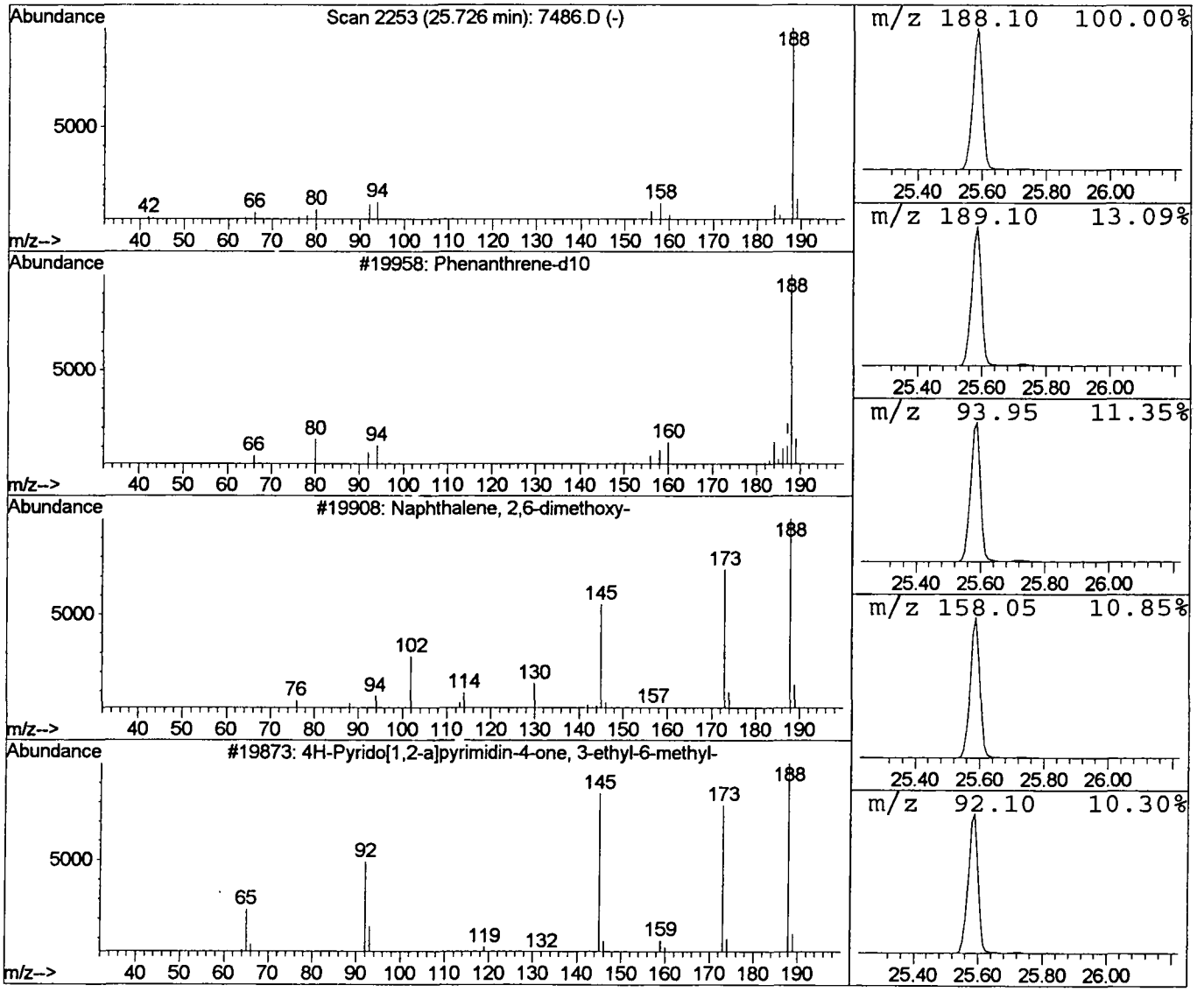
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	0.22 ug/l	36431	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
4	Anthracene-d10-	188	C14D10	001719-06-8	39



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 11:07 am
Data File: C:\HPCHEM\1\DATA\APR1802\7486.D
Name: gc/ms scan 4/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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-Propanone, 1,1,1-t	8.25	0.3	ug/l	35588	ISTD01	12.21	2377040	20.0
Phenanthrene-d10	25.73	0.2	ug/l	36431	ISTD04	25.59	3303870	20.0

7486.D GCMS0419.M Mon Apr 22 12:35:41 2002