User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:15:09

Sample: AE10159
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 14:14 Ended: 5/10/02 14:14 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE10159 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 14:15:59

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\MAY0602\10159.D Vial: 7
Acq On : 7 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:50 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 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	481112	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1750229	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	961710	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1354072	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	793590	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	486879	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	33716	7.05	ug/L	0.00
Spiked Amount 10.000			Recovery = 70.50%			
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	15.88	128	244	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	21.39	165	181	N.D.		
25) Diethylphthalate	22.62	149	688	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	25.57	178	286	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.57	178	286	N.D.	
36) Di-n-butylphthalate	27.54	149	1934	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	1737	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.86	149	1651	N.D.	
43) Chrysene	33.63	228	1737	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	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	37.86	252	1937	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

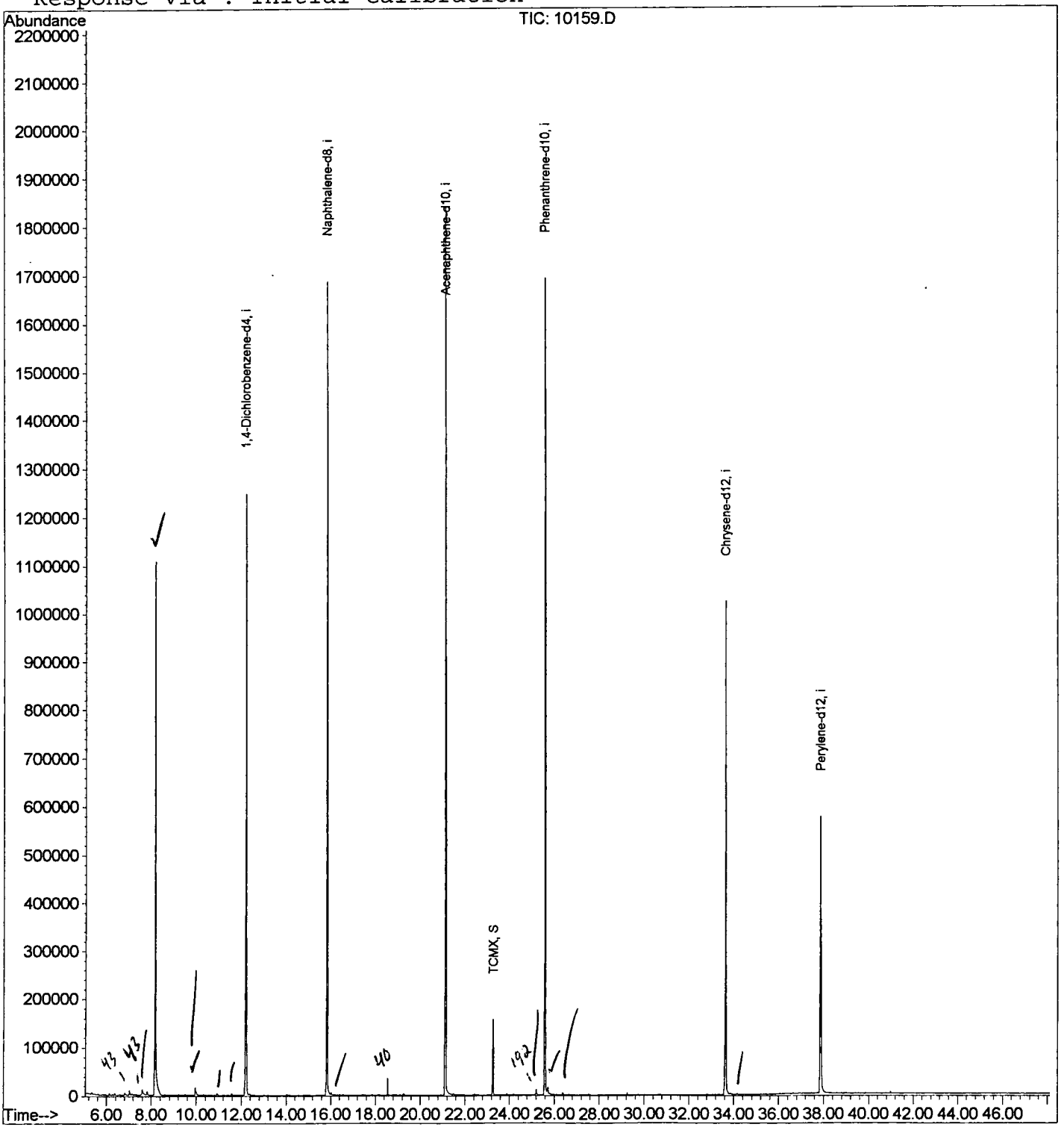
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10159.D
Acq On : 7 May 2002 11:42 pm
Sample : GC/MS SCAN 4/29
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 9:50 2002

Vial: 7
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10159.D Vial: 7
Acq On : 7 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 4/29 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

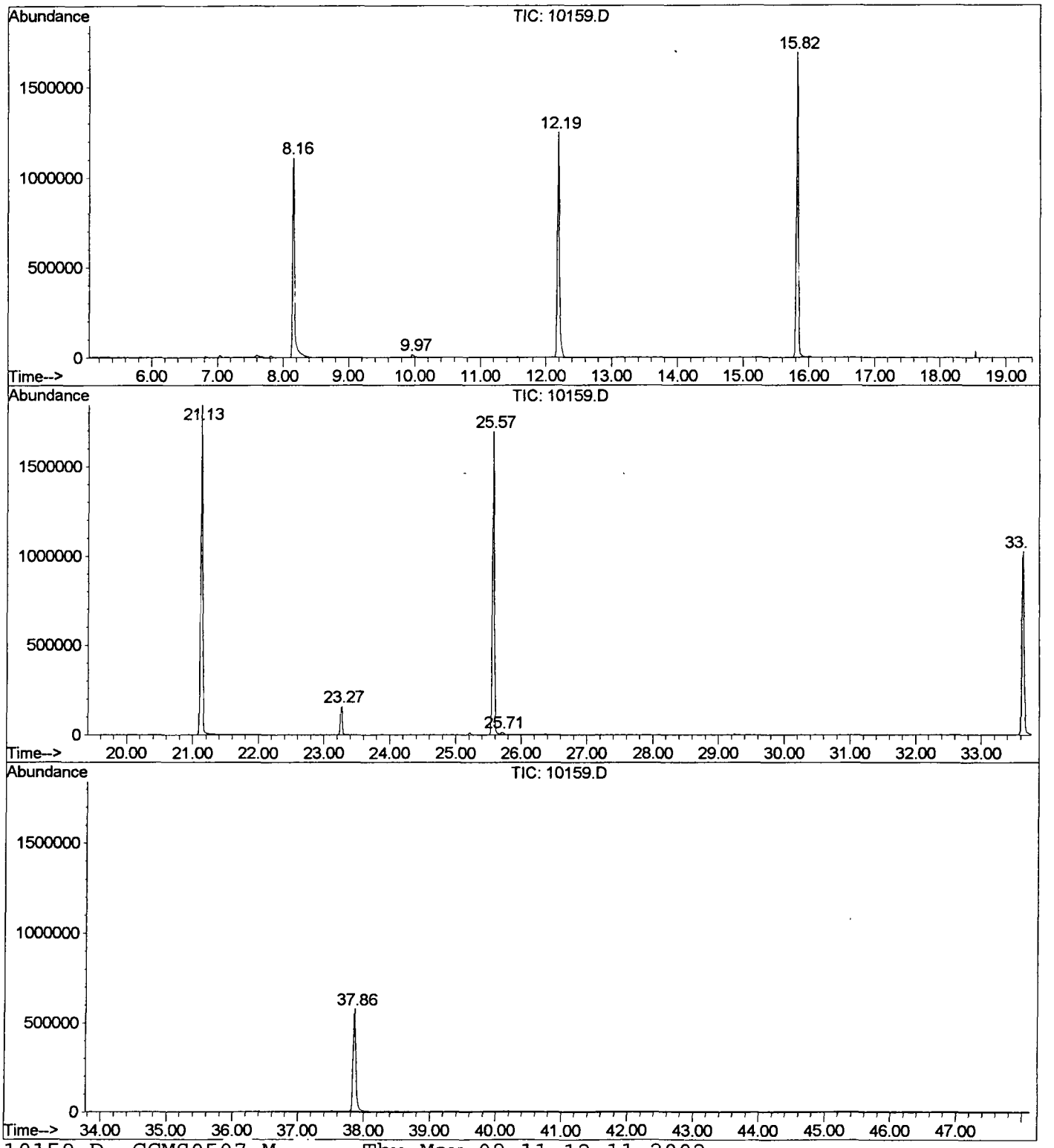
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	336	341	372	rVB	1108217	2399757	62.16%	11.716%
2	9.968	534	538	547	rBV	14630	40635	1.05%	0.198%
3	12.195	775	781	797	rBV	1247006	2728289	70.67%	13.320%
4	15.823	1171	1177	1192	rBV	1686722	3444015	89.21%	16.814%
5	21.129	1749	1756	1777	rBV	1840719	3860567	100.00%	18.848%
6	23.273	1982	1990	1995	rBV	156618	318086	8.24%	1.553%
7	25.573	2234	2241	2250	rBV2	1692710	3607951	93.46%	17.614%
8	25.711	2250	2256	2261	rVB	13778	41163	1.07%	0.201%
9	33.637	3114	3121	3137	rBV	1023727	2353266	60.96%	11.489%
10	37.862	3574	3582	3600	rBV2	573773	1689370	43.76%	8.248%

Sum of corrected areas: 20483099

10159.D GCMS0507.M Thu May 09 11:12:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\10159.D
Operator :
Acquired : 7 May 2002 11:42 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 4/29
Misc Info :
Vial Number: 7
Quant File :GCMS0507.RES (RTE Integrator)



10159.D GCMS0507.M Thu May 09 11:12:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10159.D Vial: 7
Acq On : 7 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

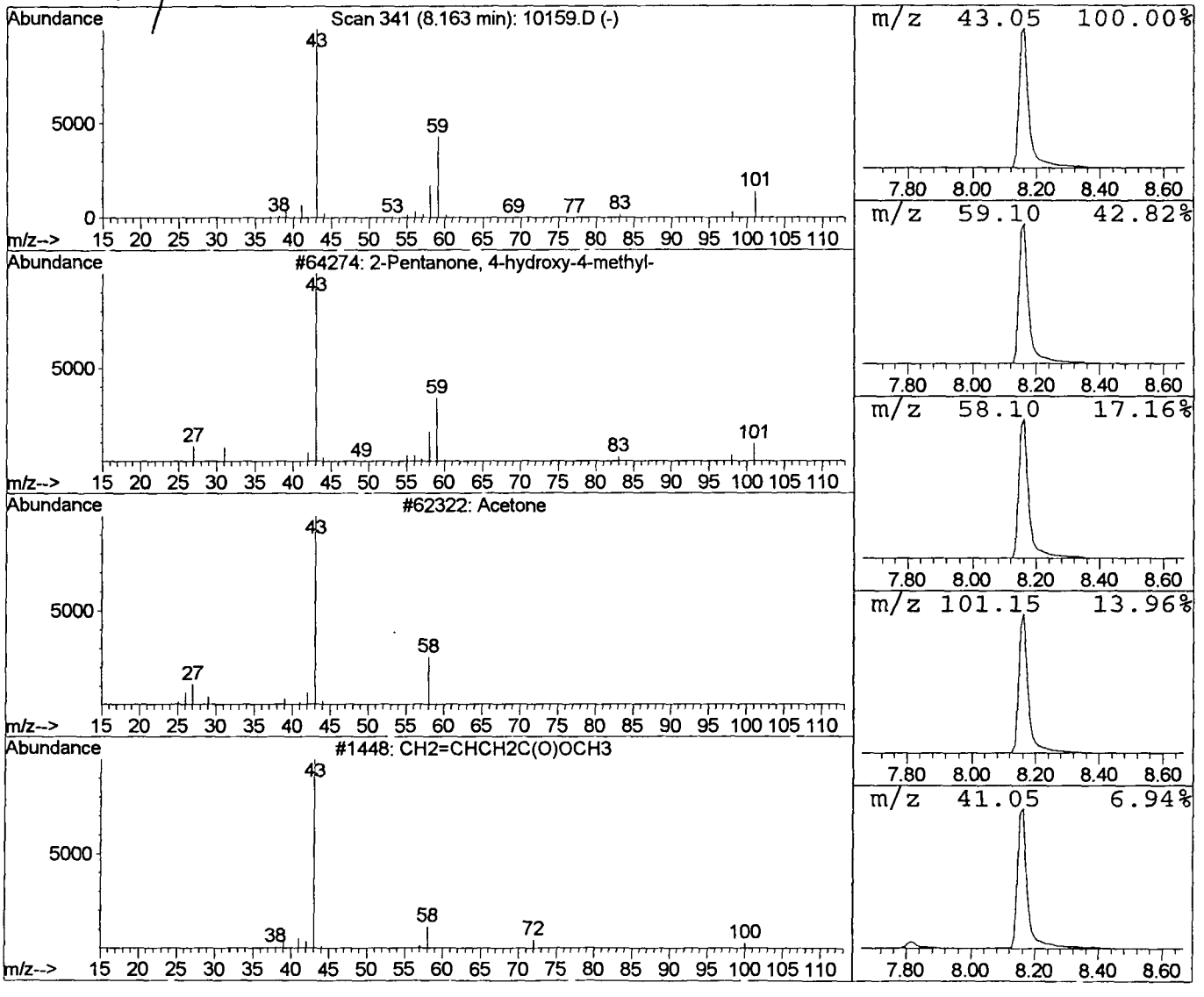
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	35.18 ug/l	2399760	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	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10159.D Vial: 7
Acq On : 7 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

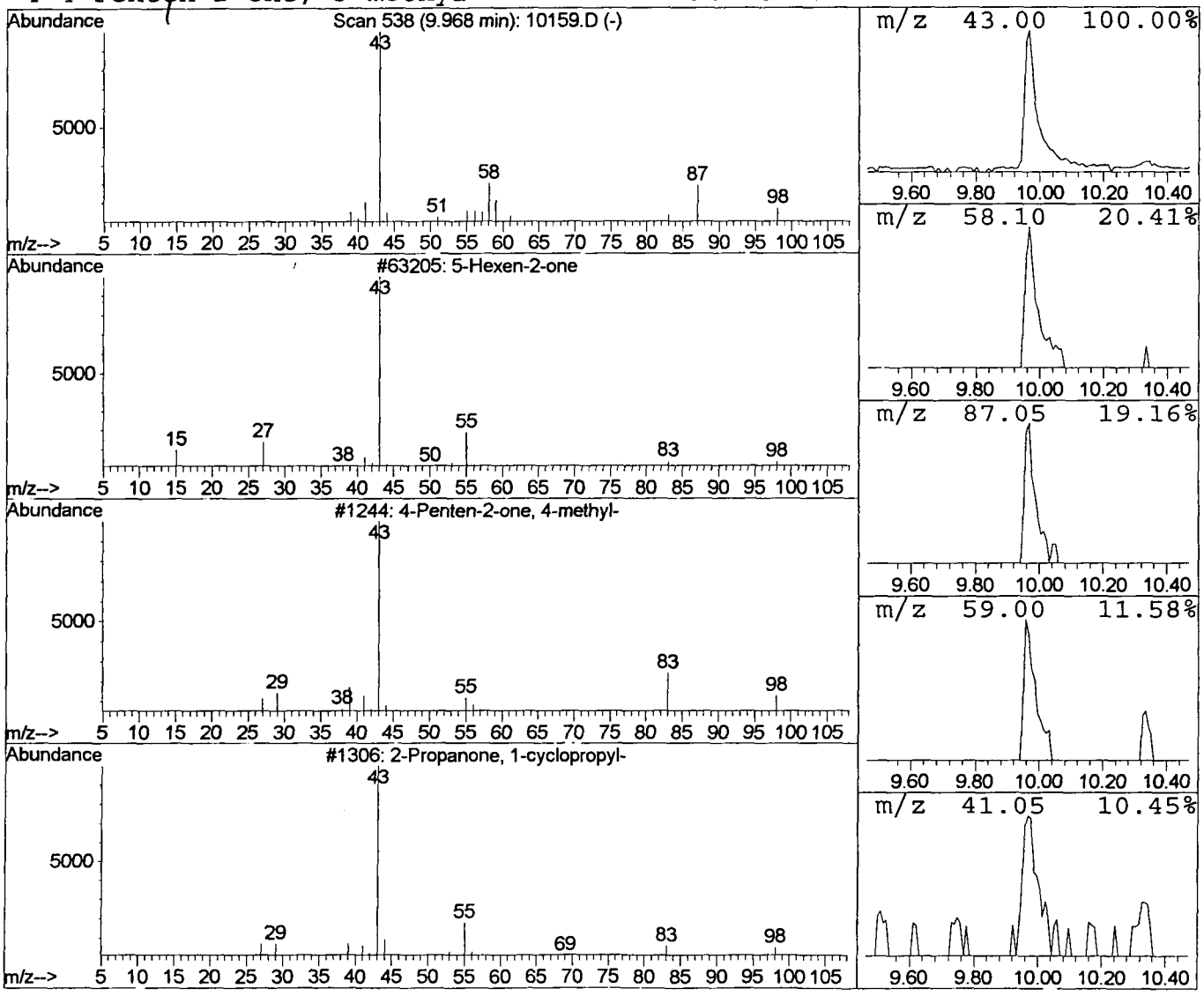
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 5-Hexen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	0.60 ug/l	40635	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-2-one	98	C6H10O	000109-49-9	7
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	5
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\10159.D Vial: 7
Acq On : 7 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

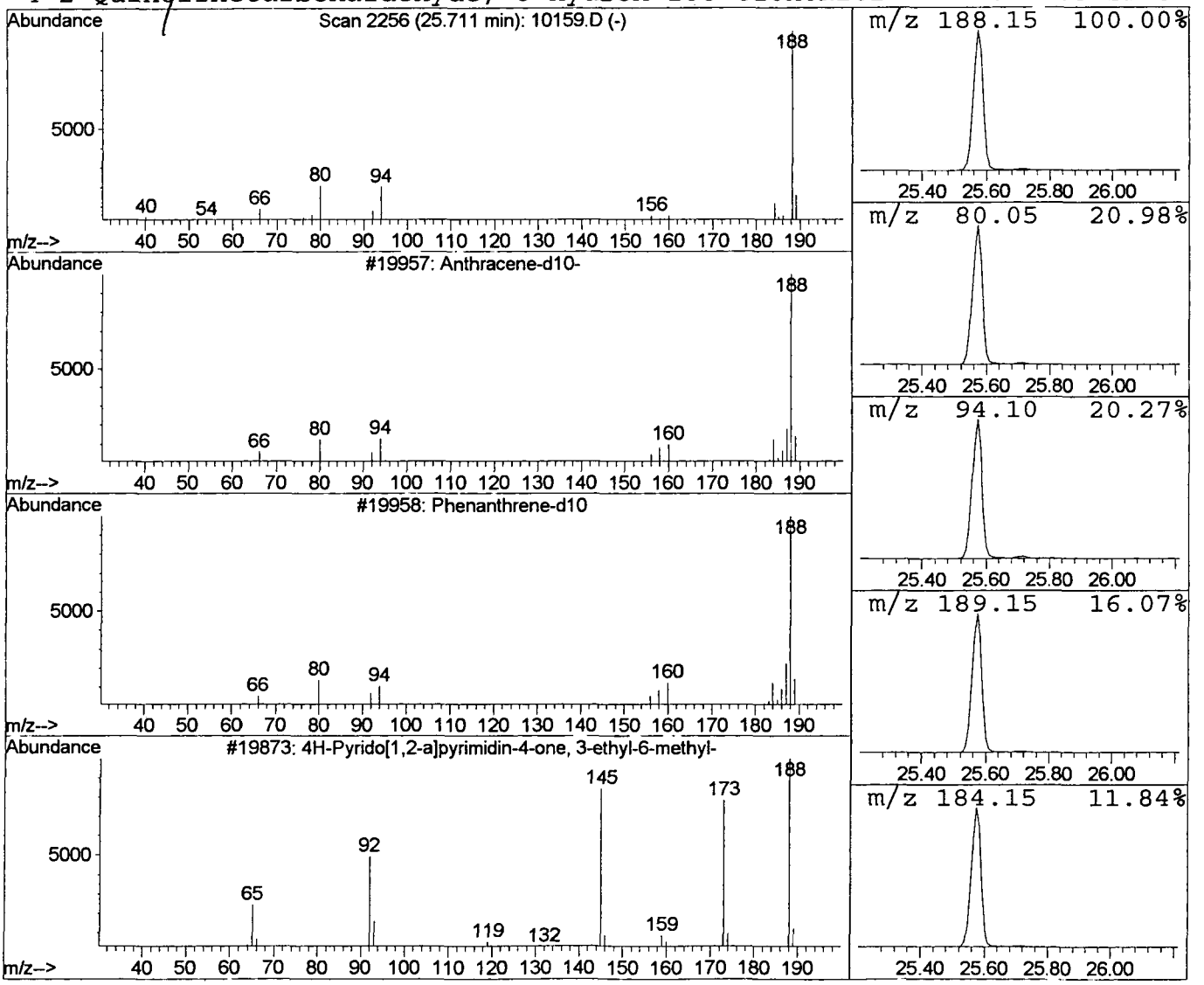
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.46 ug/l	41163	Phenanthrene-d10	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	45
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	38
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 11:42 pm
Data File: C:\HPCHEM\1\DATA\MAY0602\10159.D
Name: GC/MS SCAN 4/29
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	35.2	ug/l	2399760	ISTD01	12.19	2728290	40.0
5-Hexen-2-one	9.97	0.6	ug/l	40635	ISTD01	12.19	2728290	40.0
Anthracene-d10-	25.71	0.5	ug/l	41163	ISTD04	25.57	3607950	40.0

10159.D GCMS0507.M Thu May 09 11:12:14 2002