User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:00:31

Sample: AE12575
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 15:00 Ended: 6/6/02 15:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualified	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE12575 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 15:01:00

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\MAY3102\12575.D Vial: 9
Acq On : 31 May 2002 7:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:30 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	503980	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	2023120	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	968064	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.43	188	1522501	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	936280	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	596016	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	225649	33.69	ug/L	-0.01
Spiked Amount 40.000			Recovery = 84.22%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.42	74	514	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	330	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	330	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-Nitrosodi-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	15.76	128	1472	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.	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	22.49	149	731	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1589	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	556	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.49	178	638	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 : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

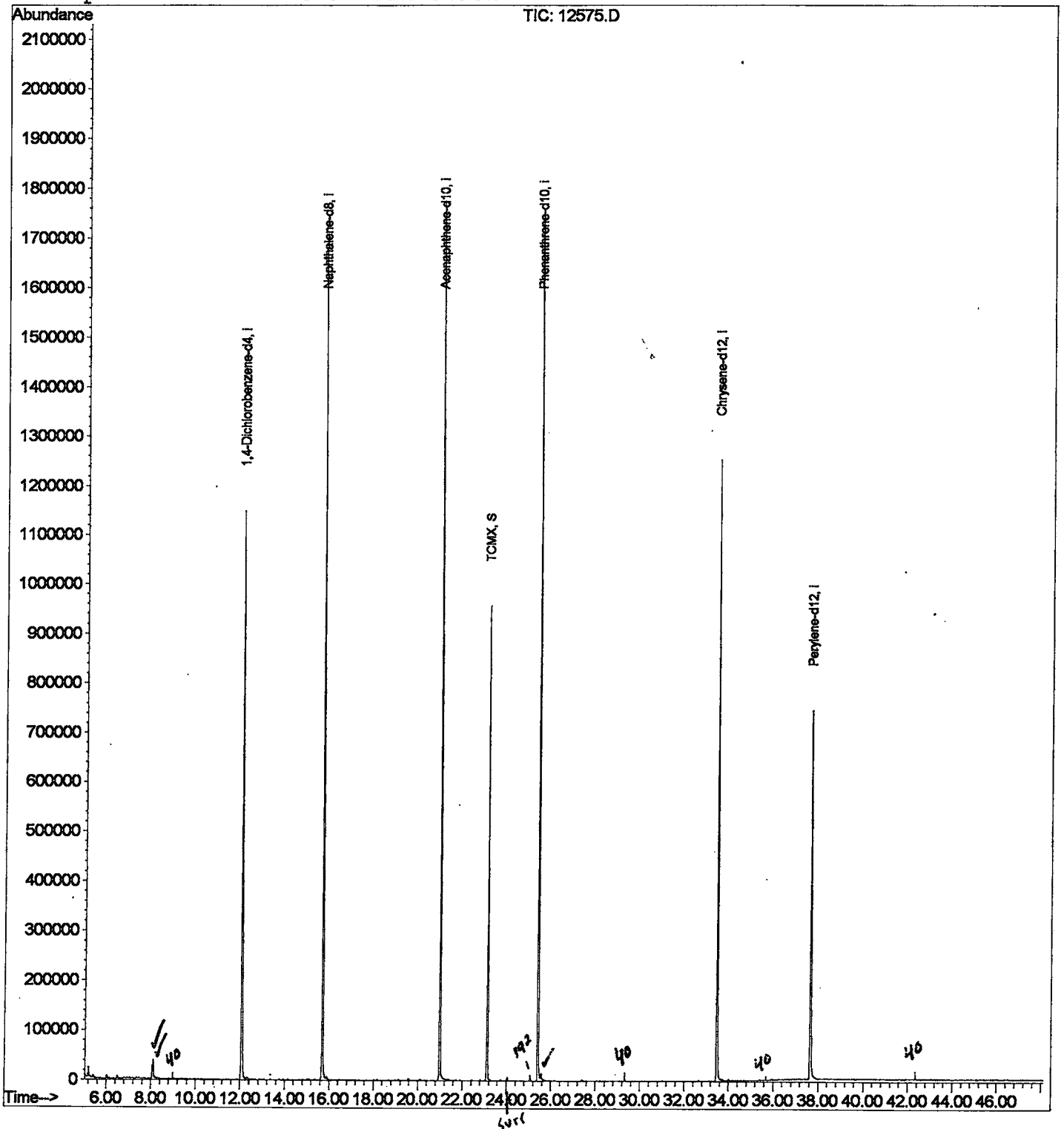
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.49	178	638	N.D.	
36)	Di-n-butylphthalate	27.41	149	4886	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.48	228	2432	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	1366	N.D.	
43)	Chrysene	33.48	228	2432	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.58	252	120	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.66	252	2474	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\MAY3102\12575.D Vial: 9
Acq On : 31 May 2002 7:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:30 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12575.D Vial: 9
Acq On : 31 May 2002 7:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

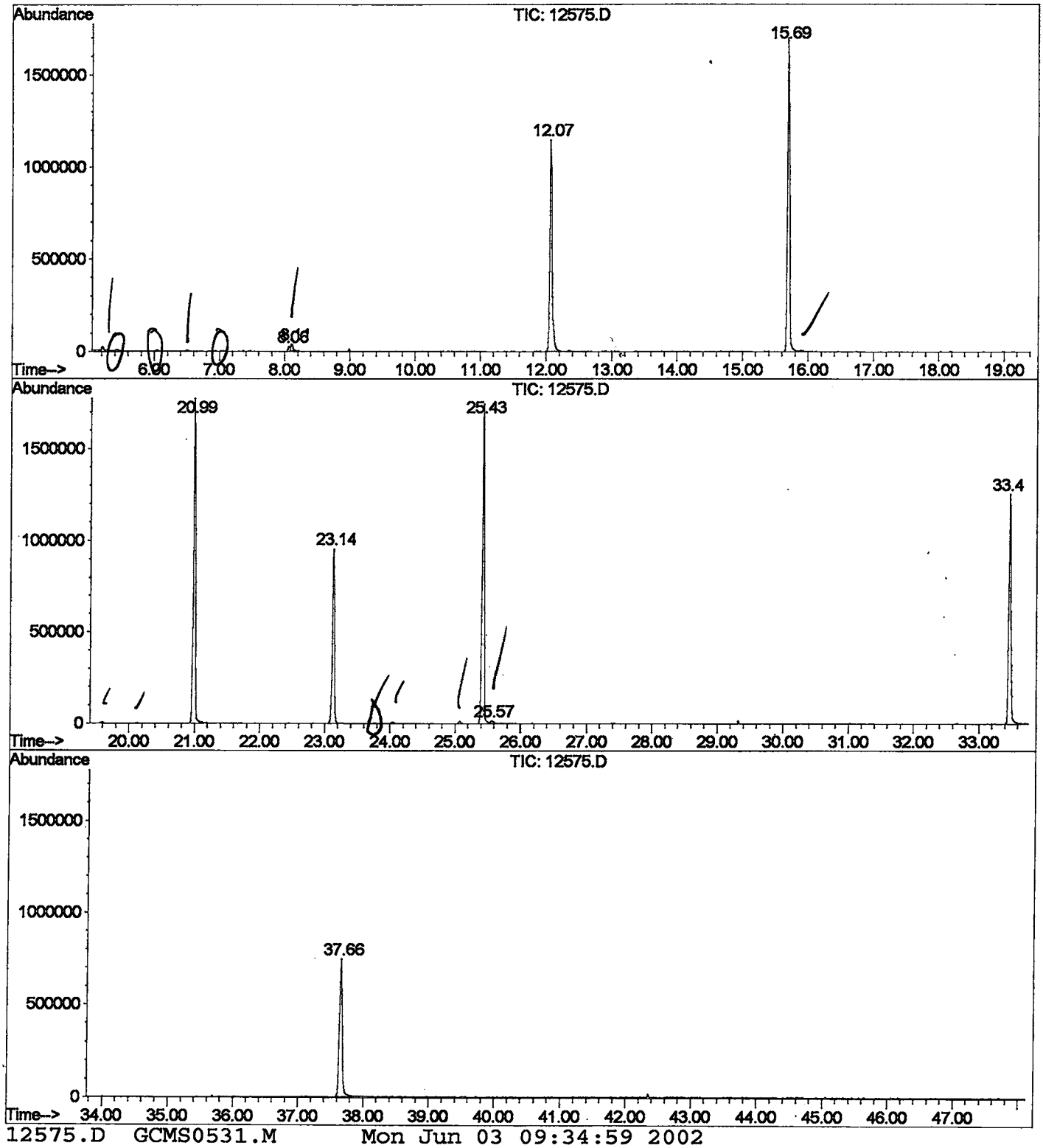
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.062	326	329	331	rBV	25771	48082	1.23%	0.223%
2	8.108	331	334	340	rVB	36084	82004	2.10%	0.380%
3	12.065	759	765	783	rBV	1148076	2747480	70.52%	12.724%
4	15.691	1153	1160	1178	rBV	1698325	3709349	95.21%	17.178%
5	20.988	1730	1737	1758	rBV	1774259	3830099	98.31%	17.737%
6	23.137	1962	1971	1981	rBV	956451	2105190	54.03%	9.749%
7	25.432	2213	2221	2232	rBV2	1745029	3896004	100.00%	18.043%
8	25.569	2232	2236	2247	rVB	14103	44163	1.13%	0.205%
9	33.474	3090	3097	3113	rBV2	1253225	2928033	75.15%	13.560%
10	37.660	3544	3553	3572	rBV2	741451	2202996	56.55%	10.202%

Sum of corrected areas: 21593400

12575.D GCMS0531.M Mon Jun 03 09:34:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12575.D
Operator : Morgan
Acquired : 31 May 2002 7:51 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/29
Misc Info :
Vial Number: 9
Quant File :GCMS0531.RES (RTE Integrator)



12575.D GCMS0531.M Mon Jun 03 09:34:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12575.D
Acq On : 31 May 2002 7:51 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: Morgan
Inst : 209
Multiplr: 1.00

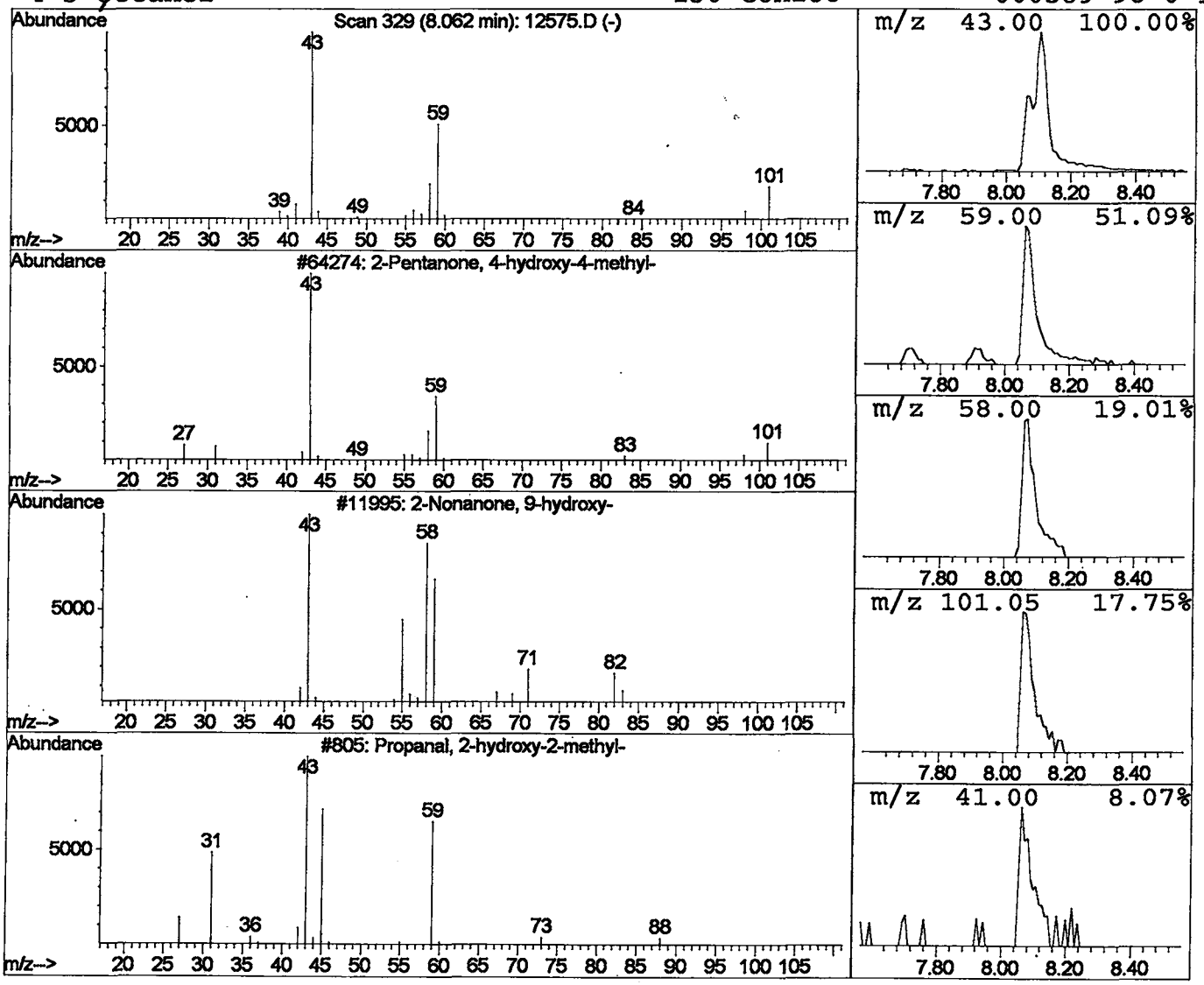
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	0.70 ug/l	48082	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9
3	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	9
4	3-Octanol	130	C8H18O	000589-98-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12575.D
Acq On : 31 May 2002 7:51 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: Morgan
Inst : 209
Multiplr: 1.00

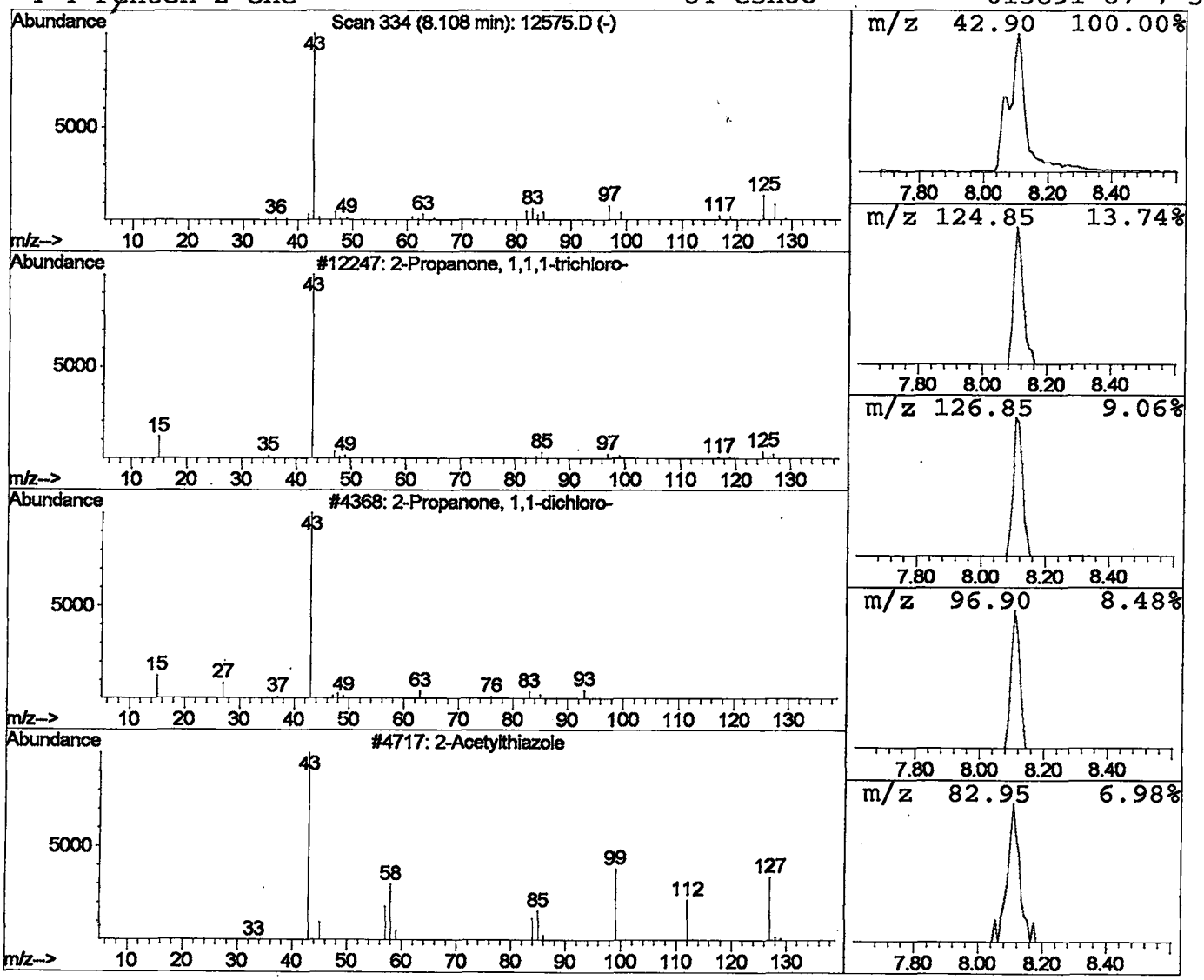
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	1.19 ug/l	82004	1,4-Dichlorobenzene-d4	12.07

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	7
4	4-Penten-2-one	84	C5H8O	013891-87-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12575.D Vial: 9
Acq On : 31 May 2002 7:51 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

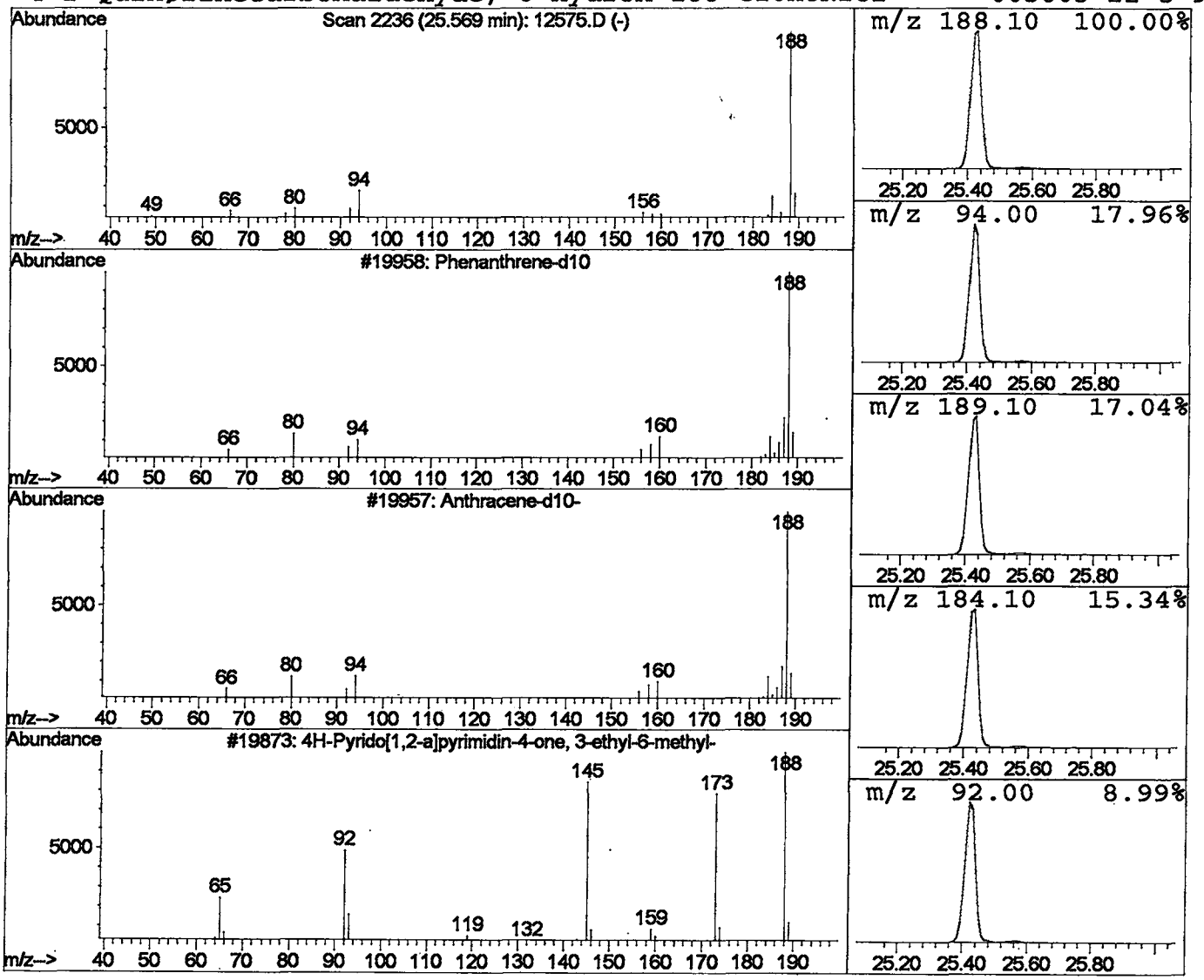
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.45 ug/l	44163	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	86
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	33
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 7:51 pm
Data File: C:\HPCHEM\1\DATA\MAY3102\12575.D
Name: gc/ms scan 5/29
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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	8.06	0.7	ug/l	48082	ISTD01	12.07	2747480	40.0
2-Propanone, 1,1,1-t	8.11	1.2	ug/l	82004	ISTD01	12.07	2747480	40.0
Phenanthrene-d10	25.57	0.5	ug/l	44163	ISTD04	25.43	3896000	40.0

12575.D GCMS0531.M Mon Jun 03 09:35:03 2002