User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 14:28:37

Sample: AE10519
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 14:27 Ended: 5/21/02 14:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE10519 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 14:29:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample will be extracted again because of the low Surrogate Standard recovery.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:54 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	691644	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2518712	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1341263m	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1894718	40.00	ug/l	-0.02
38) Chrysene-d12	33.61	240	1141255	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	663962	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	44166	6.62	ug/L	-0.03
Spiked Amount 10.000			Recovery =	66.20%		Reextract
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-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	15.85	128	453	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	21.38	165	285	N.D.		
25) Diethylphthalate	22.59	149	1305	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.54	178	539	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:54 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

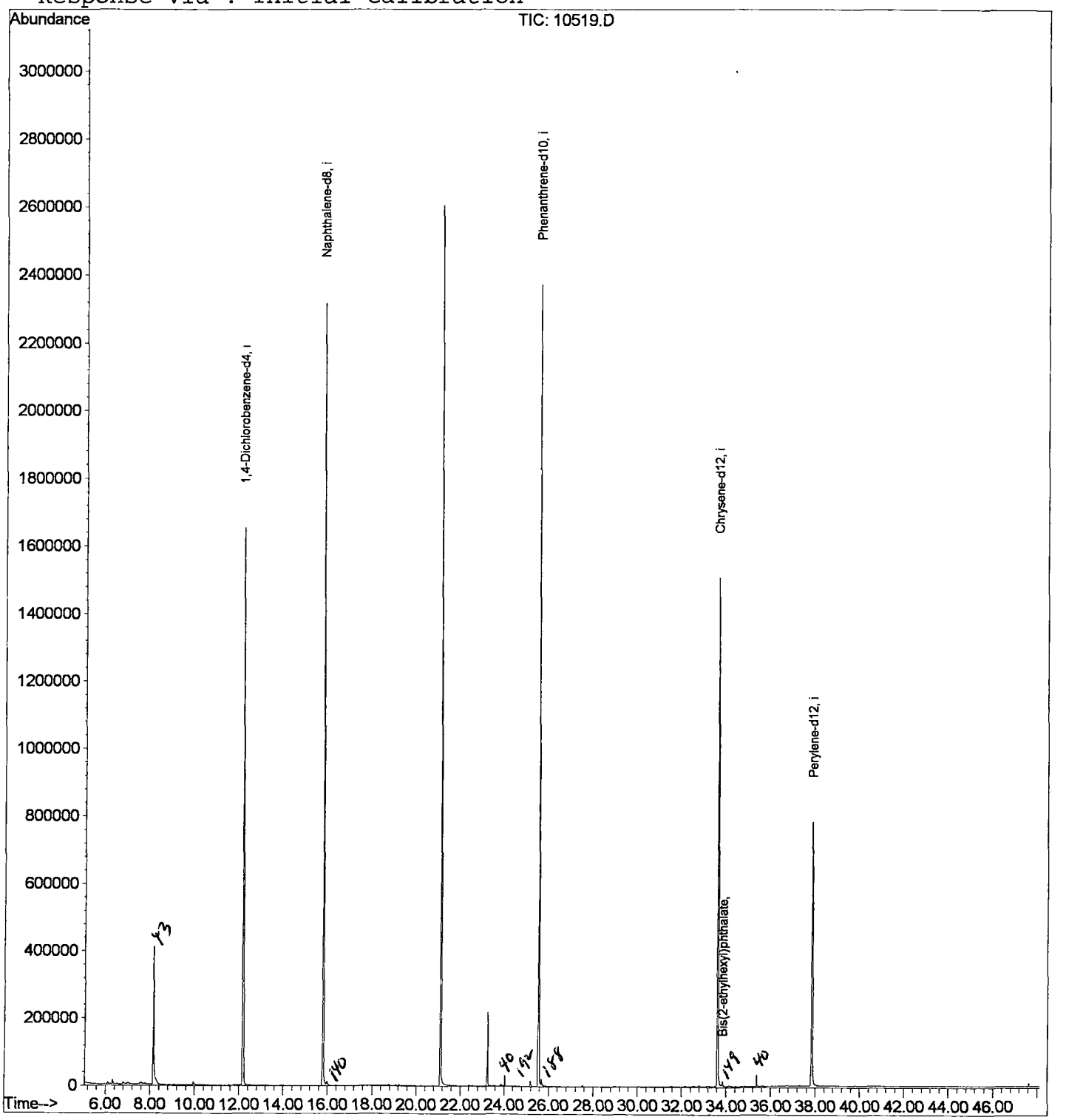
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.54	178	539	N.D.	
36)	Di-n-butylphthalate	27.52	149	6774	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.06	149	108	N.D.	
41)	Benzo(a)anthracene	33.68	228	3488	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	7856	0.30 ug/l	98
43)	Chrysene	33.68	228	3488	N.D.	
45)	Di-n-Octylphthalate	35.58	149	1098	N.D.	
46)	Benzo(b)fluoranthene	36.73	252	3376	N.D.	
47)	Benzo(k)fluoranthene	36.73	252	3376	N.D.	
48)	Benzo(a)pyrene	37.84	252	2554	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	41.99	278	369	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\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:30 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

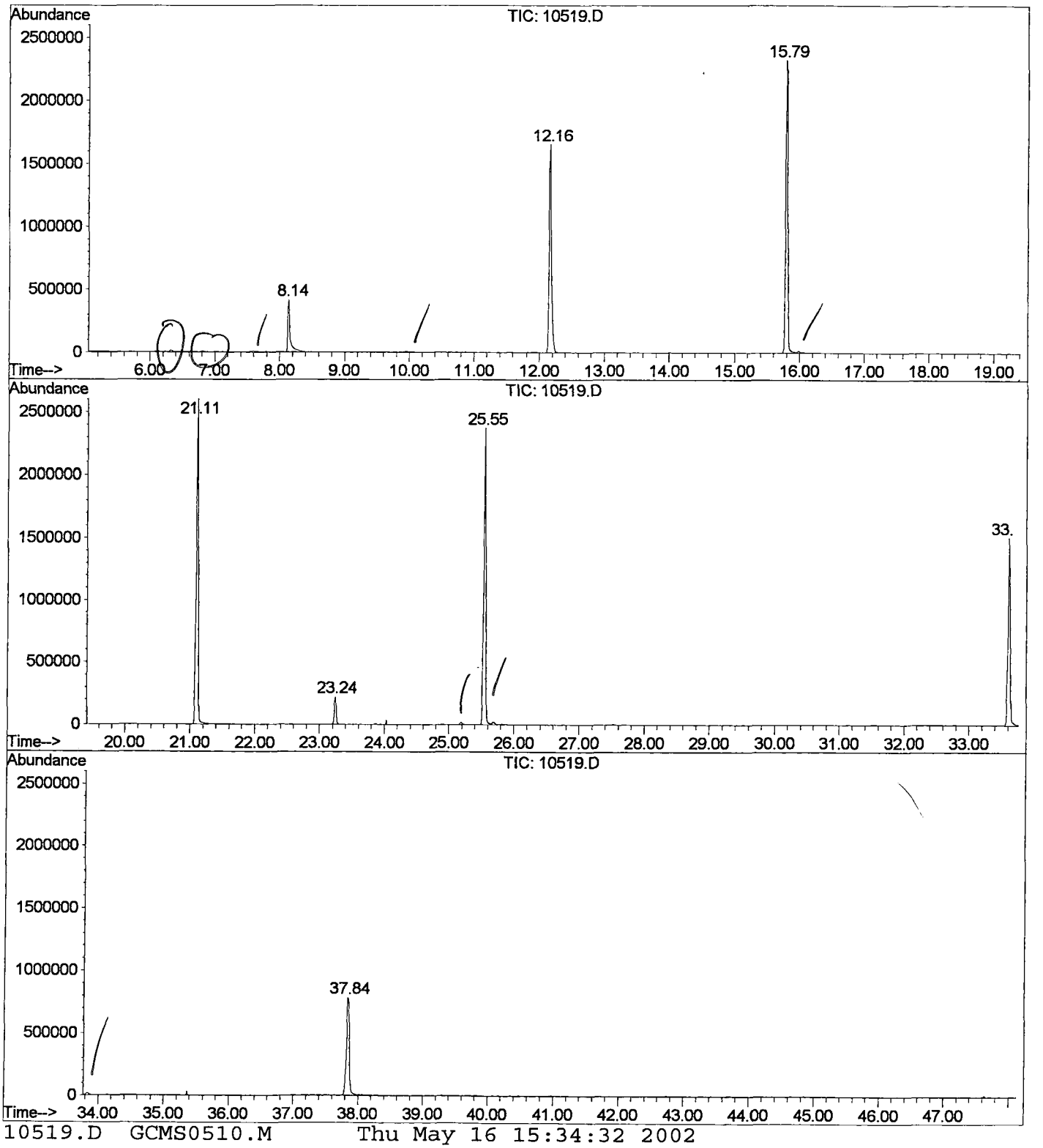
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.140	334	338	360	rBV	409406	995702	18.09%	3.741%
2	12.163	771	777	793	rBV	1651215	3923246	71.28%	14.740%
3	15.792	1167	1173	1190	rBV	2317938	4944618	89.84%	18.578%
4	21.107	1746	1753	1772	rBV	2602310	5503978	100.00%	20.679%
5	23.242	1978	1986	1995	rBV	218528	426587	7.75%	1.603%
6	25.551	2231	2238	2249	rBV2	2370241	5071888	92.15%	19.056%
7	33.615	3111	3118	3137	rBV2	1505243	3412930	62.01%	12.823%
8	37.839	3571	3579	3595	rBV2	778977	2337118	42.46%	8.781%

Sum of corrected areas: 26616067

10519.D GCMS0510.M Thu May 16 15:34:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10519.D
Operator :
Acquired : 12 May 2002 6:03 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 42
Quant File :GCMS0510.RES (RTE Integrator)



10519.D GCMS0510.M Thu May 16 15:34:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

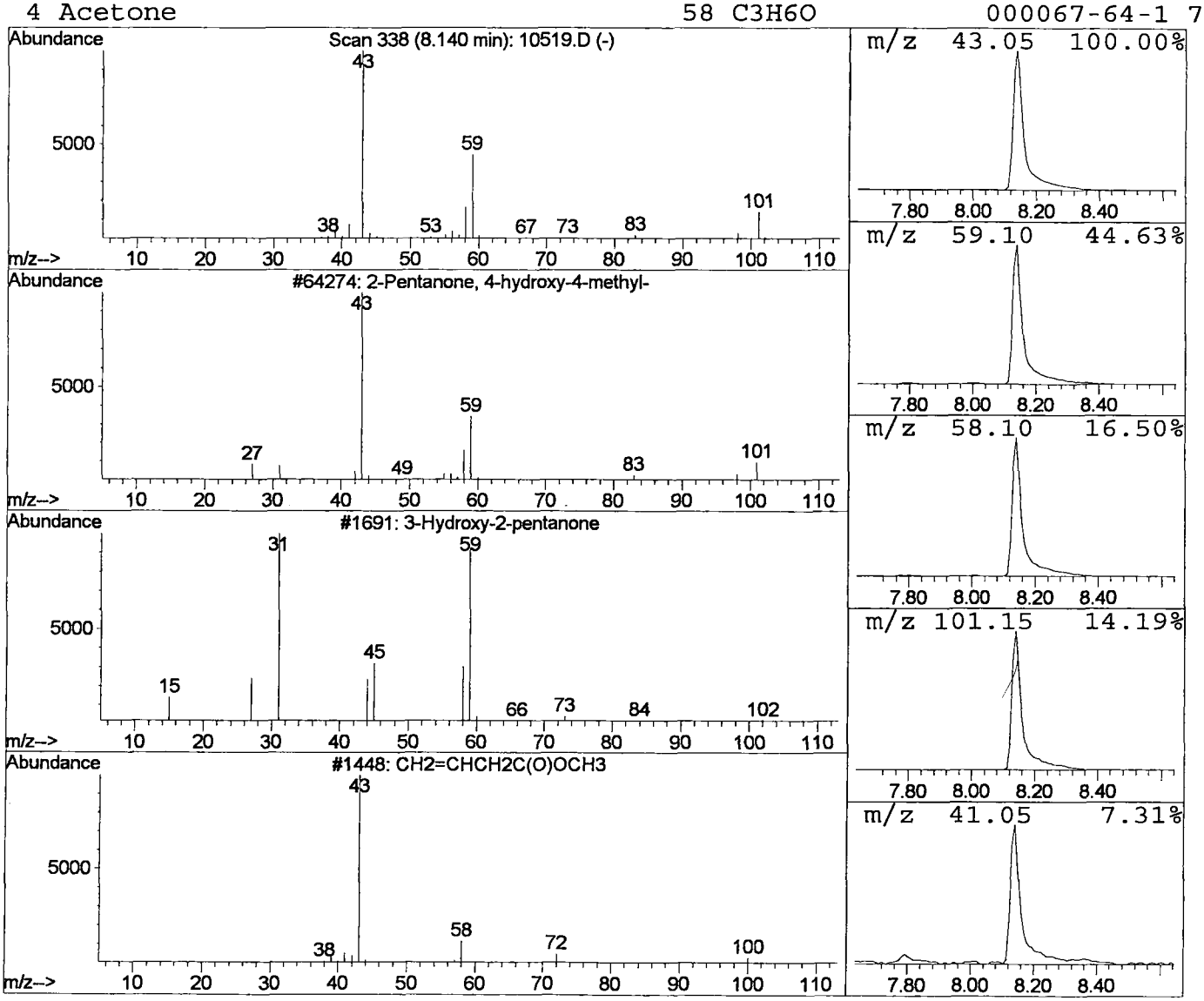
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	10.15 ug/l	995702	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

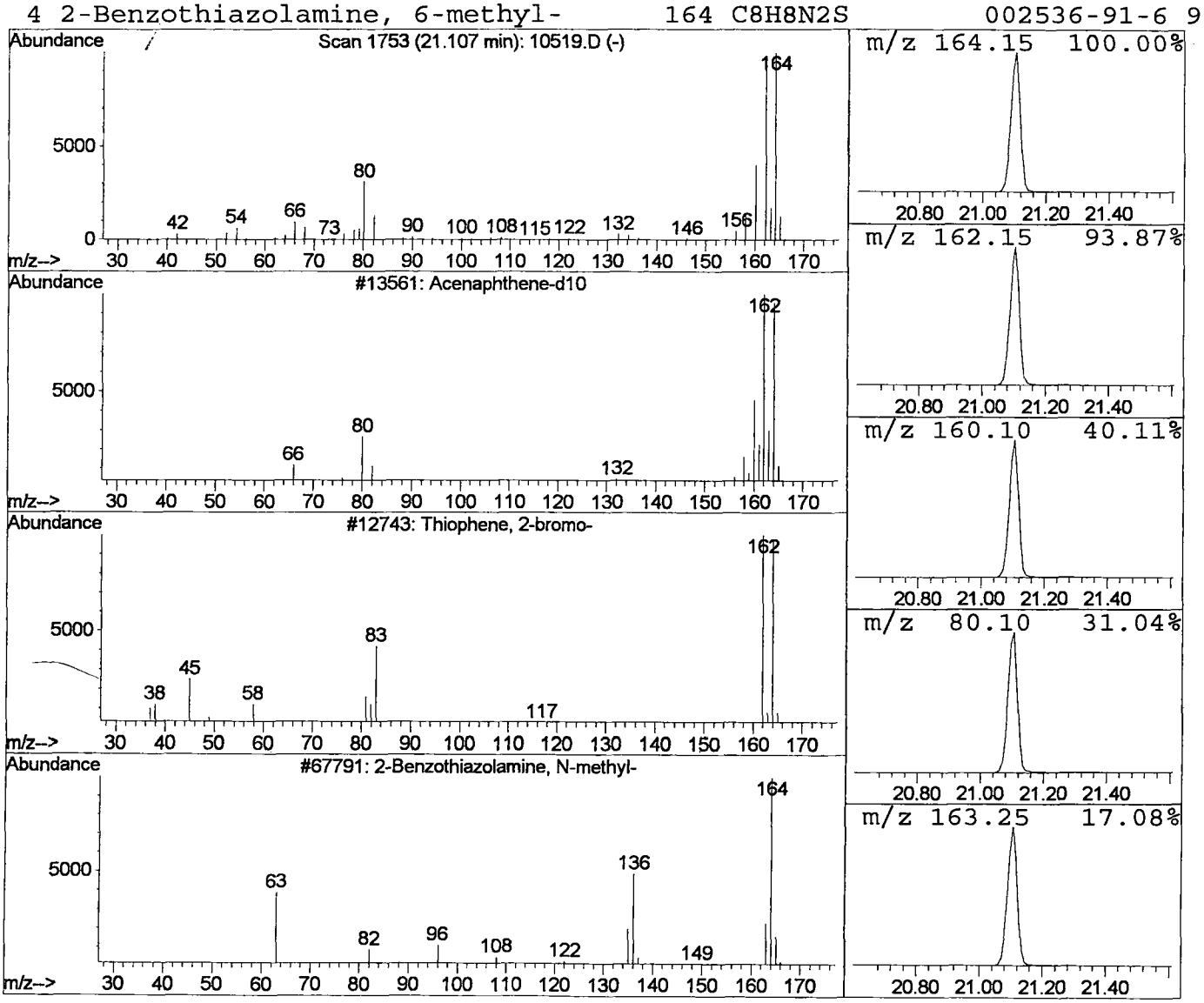
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acenaphthene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	43.41 ug/l	5503980	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene-d10	164	C12D10	015067-26-2	47
2	Thiophene, 2-bromo-	162	C4H3BrS	001003-09-4	40
3	2-Benzothiazolamine, N-methyl-	164	C8H8N2S	016954-69-1	12
4	2-Benzothiazolamine, 6-methyl-	164	C8H8N2S	002536-91-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10519.D Vial: 42
Acq On : 12 May 2002 6:03 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

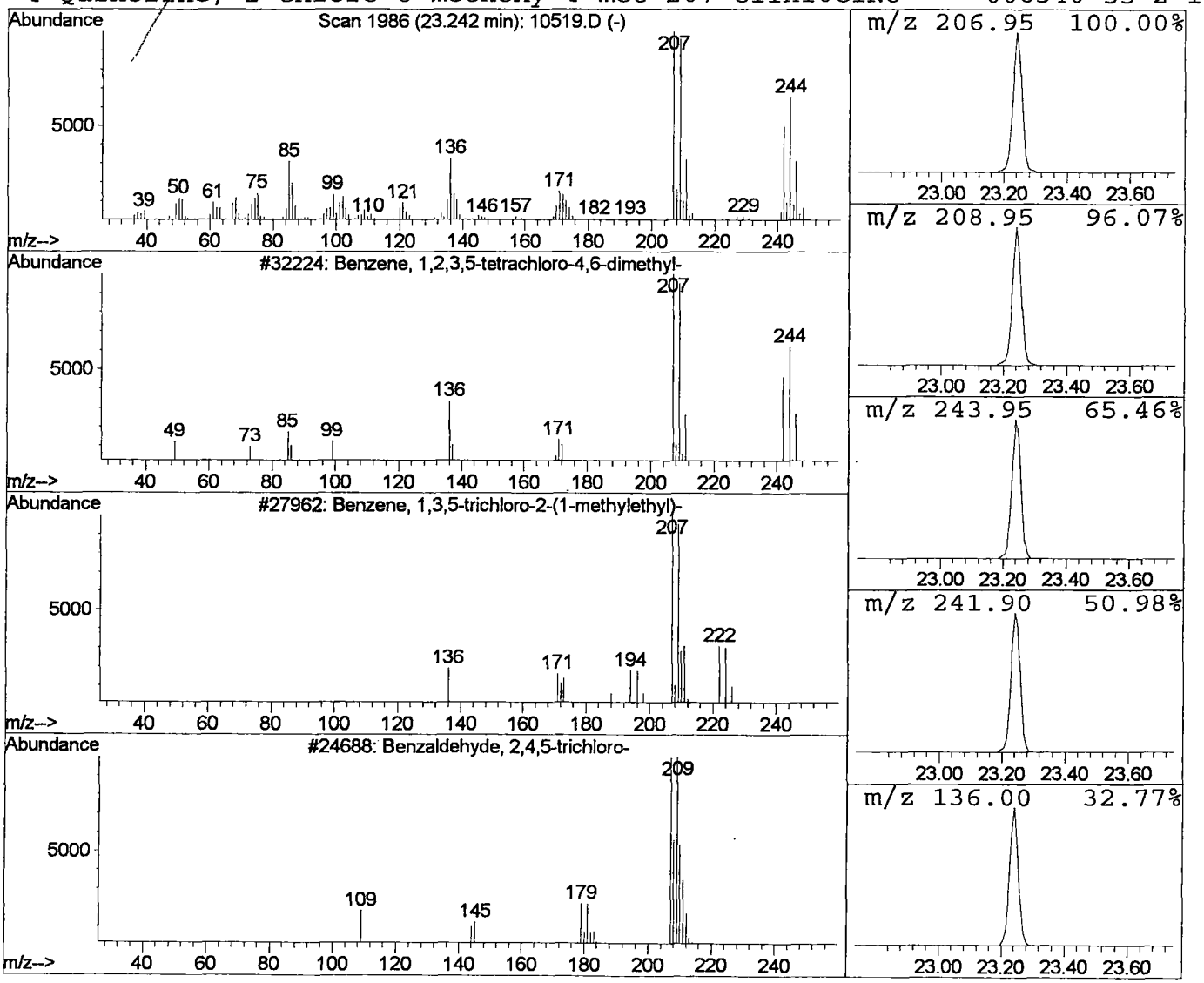
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzene, 1,2,3,5-tetrachloro-4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.36 ug/l	426587	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-4,6-di	242	C8H6Cl4	000877-09-8	95
2	Benzene, 1,3,5-trichloro-2-(1-methy	222	C9H9Cl3	054965-70-7	38
3	Benzaldehyde, 2,4,5-trichloro-	208	C7H3Cl3O	035696-87-8	25
4	Quinoline, 2-chloro-6-methoxy-4-met	207	C11H10ClNO	006340-55-2	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 6:03 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10519.D
Name: gc/ms scan 5/2
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	10.2	ug/l	995702	ISTD01	12.16	3923250	40.0
Acenaphthene-d10	21.11	43.4	ug/l	5503980	ISTD03	25.55	5071890	40.0
Benzene, 1,2,3,5-tet	23.24	3.4	ug/l	426587	ISTD03	25.55	5071890	40.0

TCMX

10519.D GCMS0510.M Thu May 16 15:34:35 2002