User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 15:17:25

Sample: AE07109
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 15:16 Ended: 4/29/02 15:16 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE07109 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 15:17:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7109.D Vial: 15
Acq On : 25 Apr 2002 5:23 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:28 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 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	528835	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1922747	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.14	164	1079064	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1591821	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1091664	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	723658	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42325	7.83	ug/L	-0.05
Spiked Amount 10.000			Recovery = 78.30%			
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	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	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	22.62	149	444	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 : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

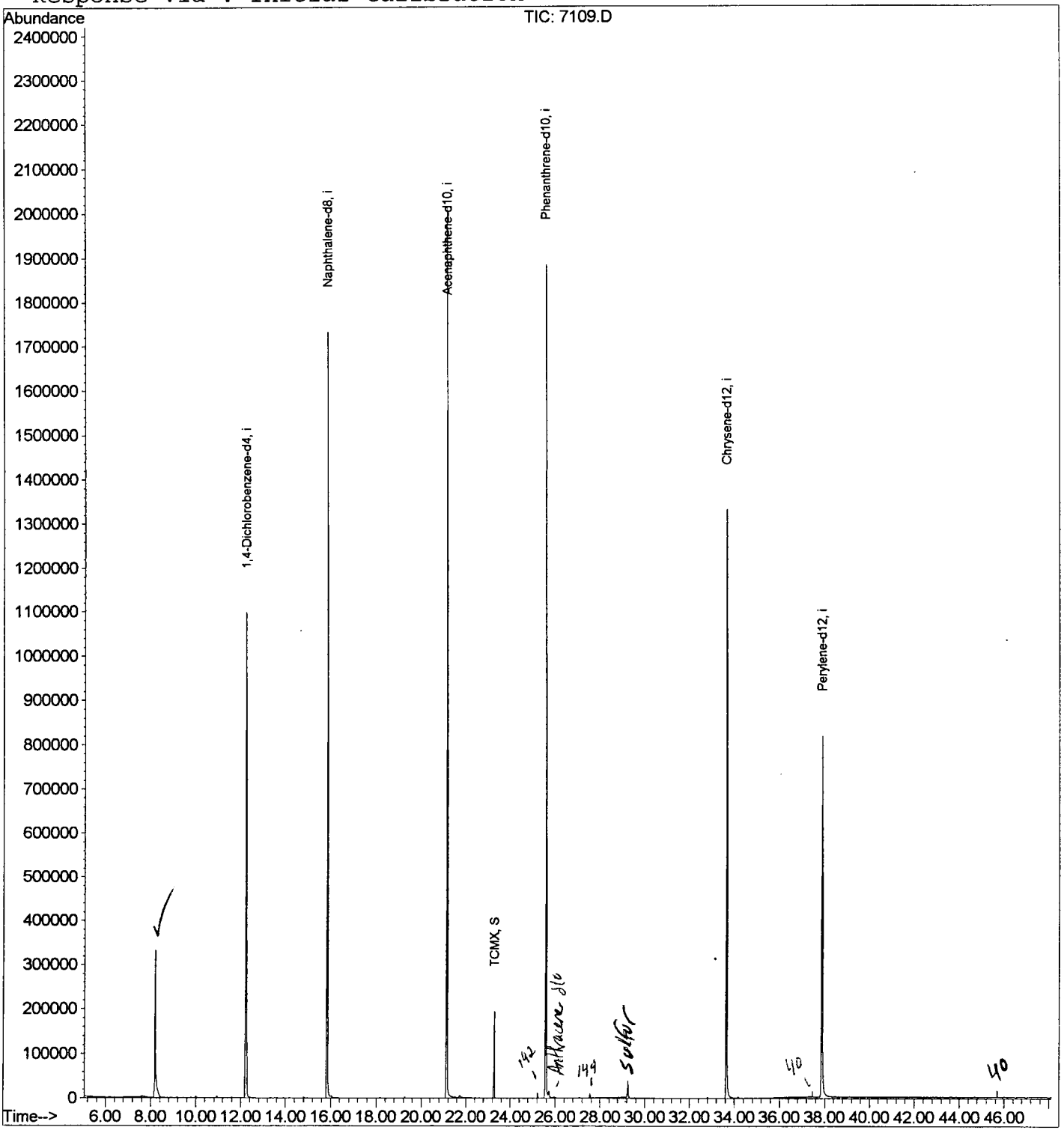
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	529	N.D.	
35) Anthracene	25.58	178	529	N.D.	
36) Di-n-butylphthalate	27.55	149	11864	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	2403	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	798	N.D.	
44) Chrysene	33.64	228	2403	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	37.87	252	2620	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\APR2402\7109.D Vial: 15
Acq On : 25 Apr 2002 5:23 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:28 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2402\7109.D Vial: 15
Acq On : 25 Apr 2002 5:23 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

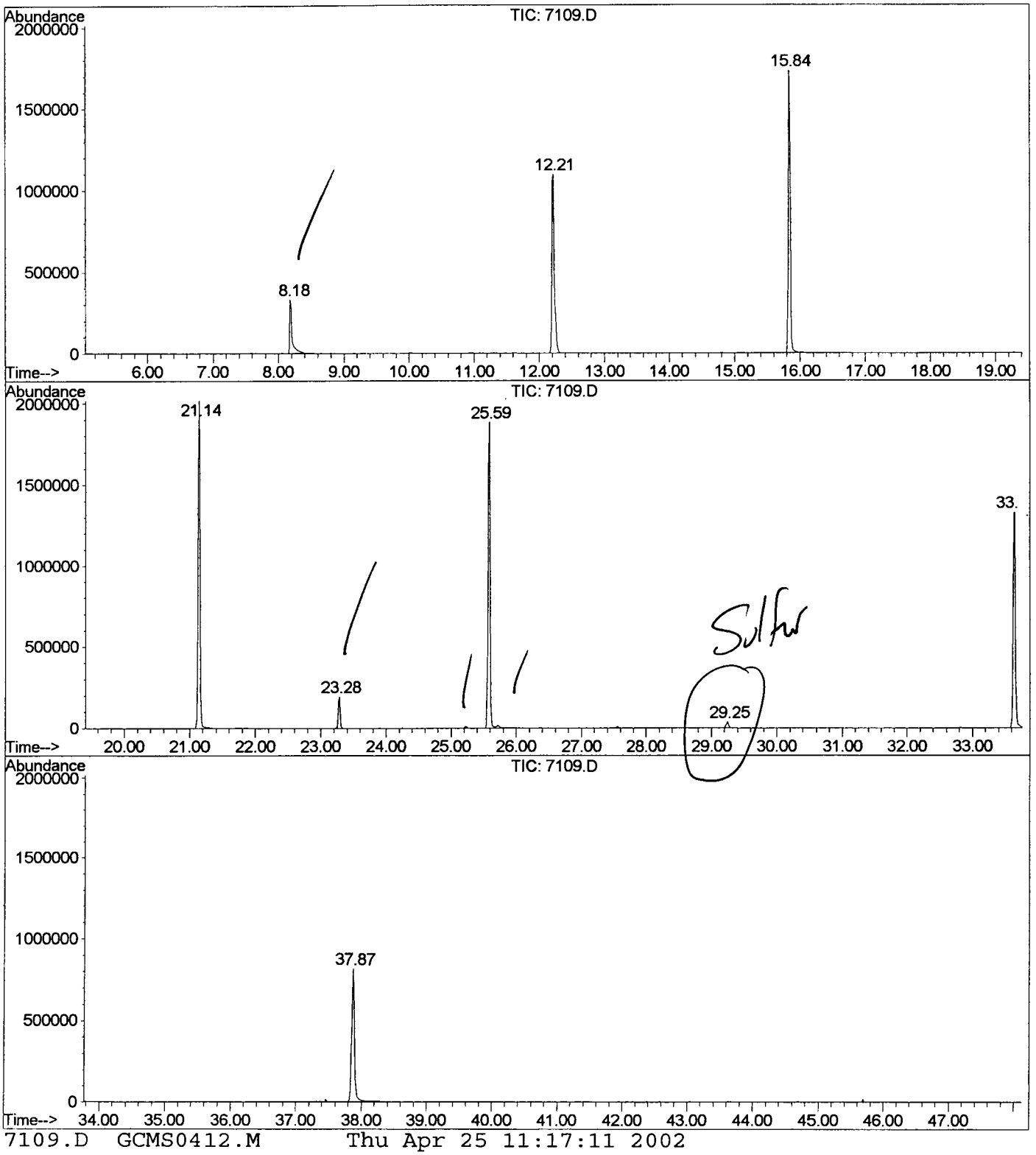
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.182	338	342	368	rBV	330296	836851	20.20%	3.881%
2	12.212	775	781	795	rBV	1097342	2846542	68.70%	13.202%
3	15.838	1170	1176	1194	rBV	1731907	3641085	87.87%	16.887%
4	21.144	1748	1754	1773	rBV	2016319	4143673	100.00%	19.219%
5	23.283	1979	1987	1992	rBV	194386	376571	9.09%	1.747%
6	25.587	2231	2238	2248	rBV2	1882213	4019289	97.00%	18.642%
7	29.250	2630	2637	2642	rVB	37662	87040	2.10%	0.404%
8	33.639	3108	3115	3132	rBV	1331097	3156268	76.17%	14.639%
9	37.871	3567	3576	3598	rBV2	814878	2453514	59.21%	11.379%

Sum of corrected areas: 21560833

7109.D GCMS0412.M Thu Apr 25 11:17:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7109.D
Operator :
Acquired : 25 Apr 2002 5:23 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 15
Quant File :GCMS0412.RES (RTE Integrator)



7109.D GCMS0412.M Thu Apr 25 11:17:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7109.D Vial: 15
Acq On : 25 Apr 2002 5:23 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

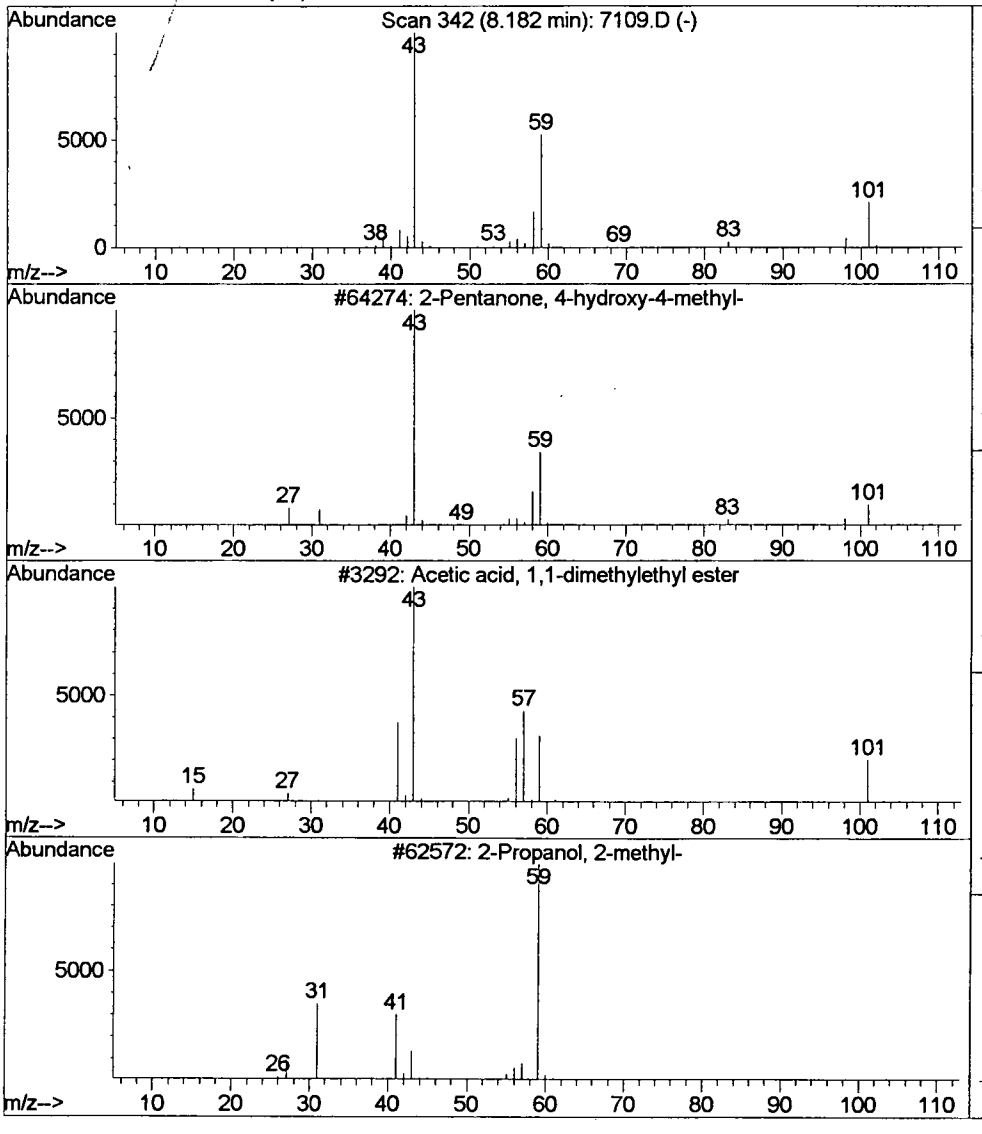
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

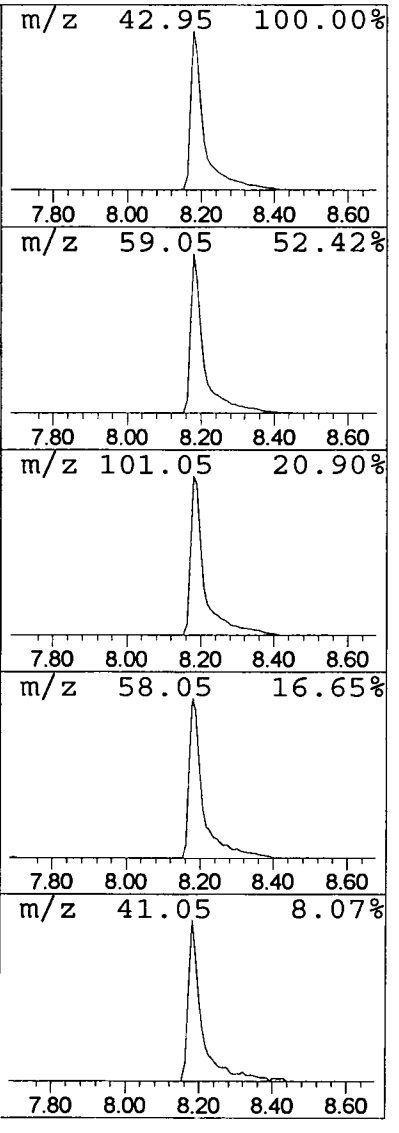
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.88 ug/l	836851	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7109.D
Acq On : 25 Apr 2002 5:23 am
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

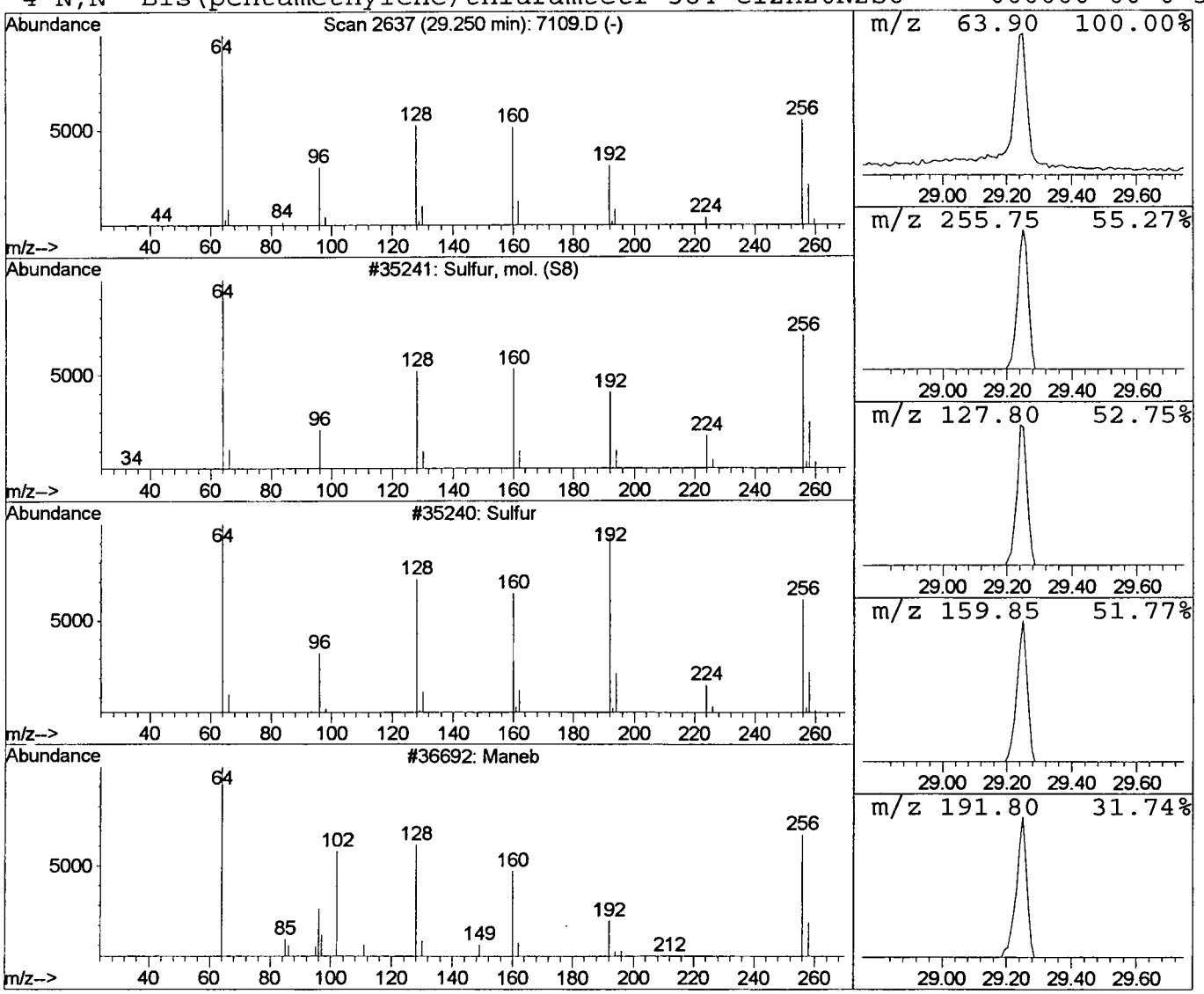
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Sulfur, mol. (S8) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.25	0.43 ug/l	87040	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8)	256	S8	010544-50-0	95
2	Sulfur	256	S8	007704-34-9	95
3	Maneb	265	C4H6MnN2S4	012427-38-2	78
4	N,N'-Bis(pentamethylene)thiuramtetr	384	C12H20N2S6	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 5:23 am
Data File: C:\HPCHEM\1\DATA\APR2402\7109.D
Name: gc/ms scan 4/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	8.18	5.9	ug/l	836851	ISTD01	12.21	2846540	20.0
Sulfur, mol. (S8)	29.25	0.4	ug/l	87040	ISTD04	25.59	4019290	20.0

7109.D GCMS0412.M Thu Apr 25 11:17:13 2002