User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:23:06

Sample: AE02710
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:22 Ended: 3/15/02 17:22 Analyst: DLV
Page: 1

	Component Name	Vlol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		118		5.0

Comments for Sample AE02710 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:23:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were below their acceptance ranges.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:30 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.30	152	430684	20.00	ug/l	-0.05
10) Naphthalene-d8	15.93	136	1688227	20.00	ug/l	-0.06
17) Acenaphthene-d10	21.25	164	901628	20.00	ug/l	-0.06
29) Phenanthrene-d10	25.69	188	1397340	20.00	ug/l	-0.07
38) Chrysene-d12	33.76	240	1126763	20.00	ug/l	-0.08
44) Perylene-d12	38.02	264	849180	20.00	ug/l	-0.10
System Monitoring Compounds						
37) 2,4-DDD	30.77	235	85993	5.89	ug/mL	0.27
Spiked Amount 5.000			Recovery = 117.80%			
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	15.99	128	226	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	22.71	149	817	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.68	178	275	N.D.	
34) Anthracene	25.68	178	275	N.D.	
35) Di-n-butylphthalate	27.65	149	8346	N.D.	
36) 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	33.75	228	2599	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.96	149	1515	N.D.	
43) Chrysene	33.75	228	2599	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	38.03	252	3086	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

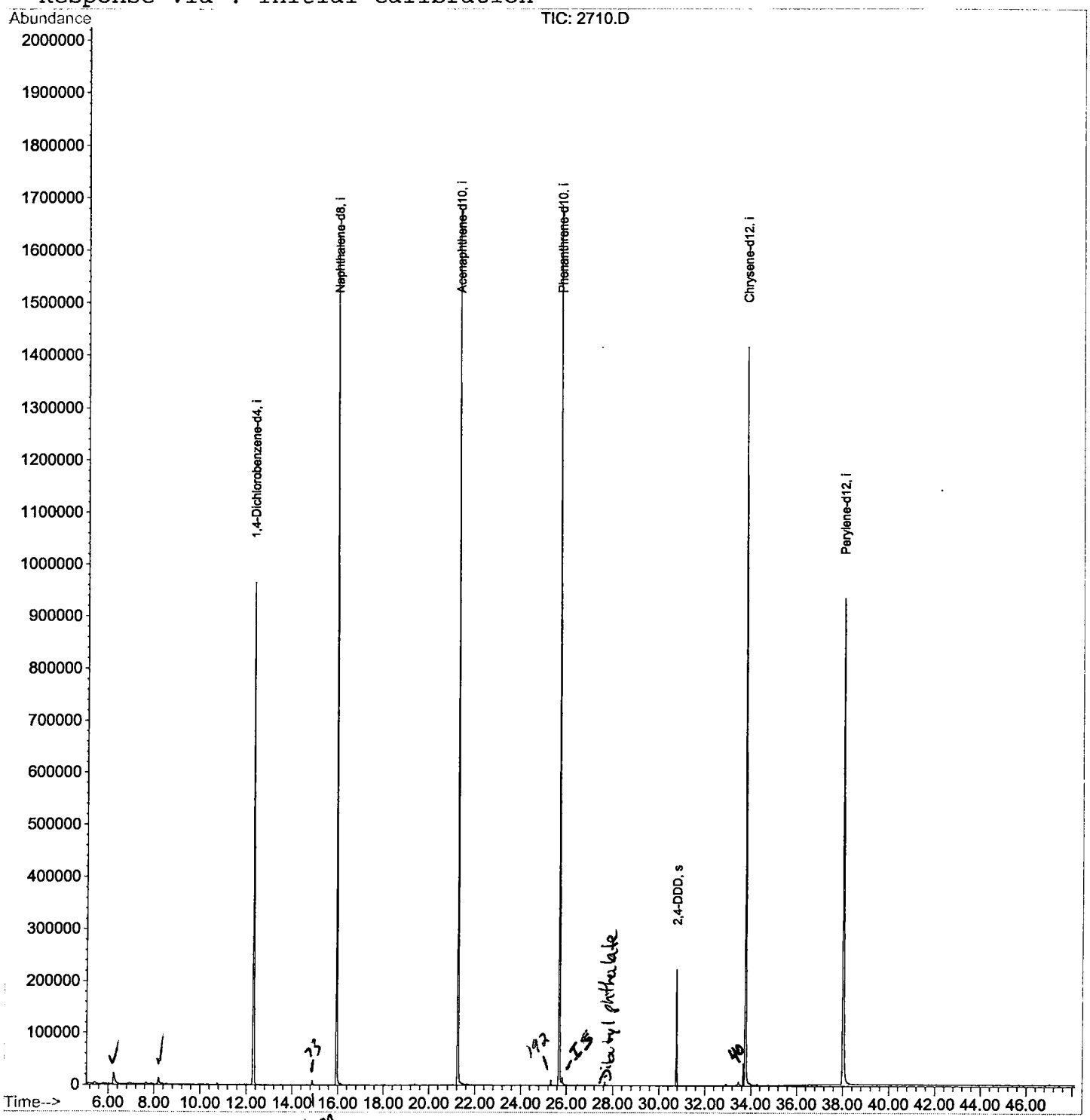
NYC-WTC_000005466

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:30 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



NYC-WTC_000005467

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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	6.231	125	129	131	rBV	21555	46824	1.28%	0.235%
2	8.196	337	343	352	rBV2	12405	45598	1.25%	0.229%
3	12.299	784	790	804	rVB	964672	2426527	66.40%	12.189%
4	15.935	1180	1186	1204	rBV	1629258	3263333	89.30%	16.392%
5	21.250	1758	1765	1776	rBV	1674781	3558407	97.38%	17.874%
6	25.693	2242	2249	2260	rBV2	1686417	3654235	100.00%	18.356%
7	30.761	2796	2801	2808	rBV	224338	449671	12.31%	2.259%
8	33.763	3118	3128	3142	rBV2	1415195	3422657	93.66%	17.192%
9	38.022	3582	3592	3610	rBV3	932818	3040865	83.21%	15.274%

Sum of corrected areas: 19908117

2710.D GCMS0208.M Wed Mar 13 14:59:19 2002

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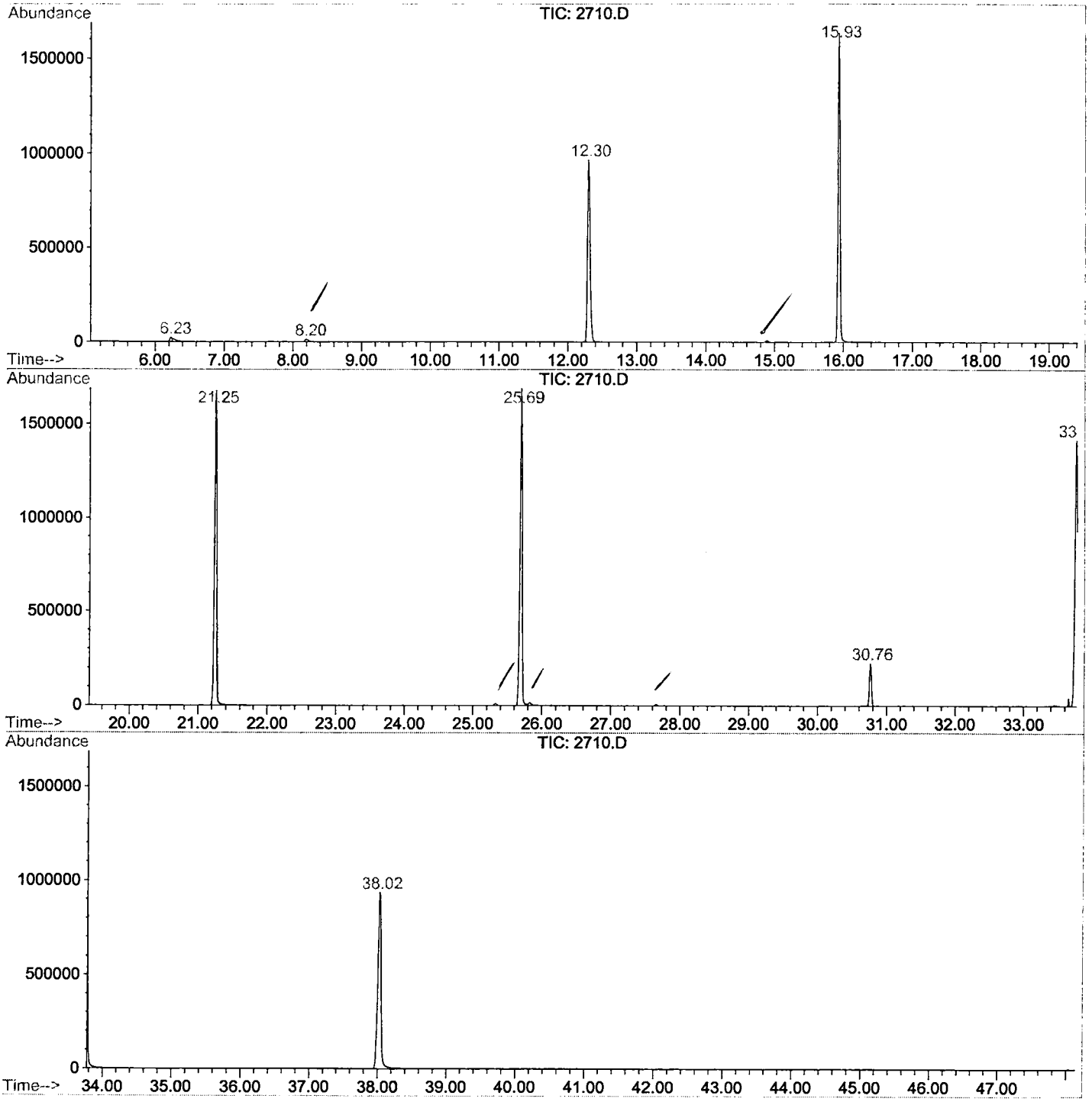
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0702\2710.D
Operator :
Acquired : 8 Mar 2002 9:24 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 21
Quant File :GCMS0208.RES (RTE Integrator)



2710.D GCMS0208.M Wed Mar 13 14:59:25 2002

NYC-WTC_000005469

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

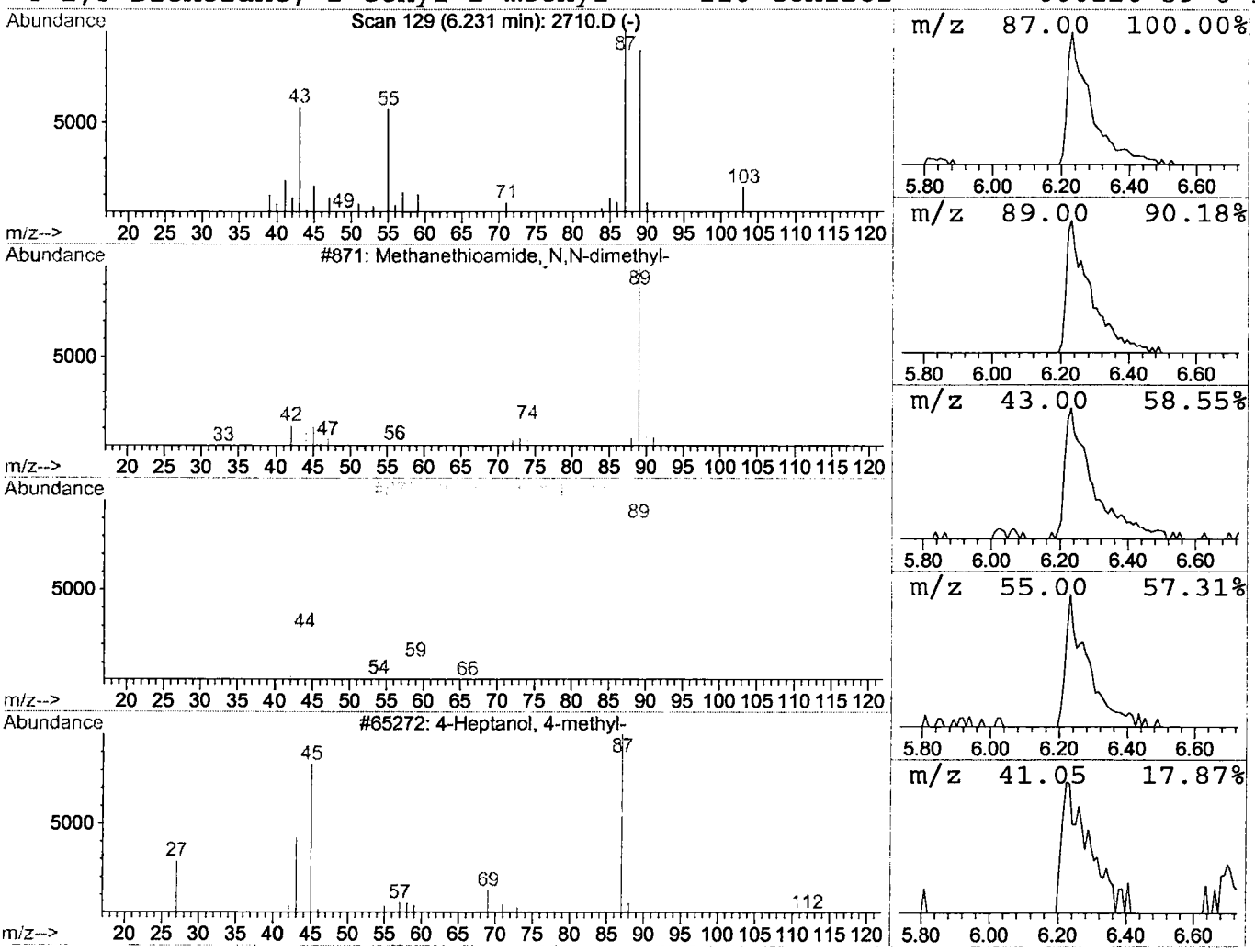
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Methanethioamide, N,N-dimethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	0.39 ug/l	46824	1,4-Dichlorobenzene-d4	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	36
2	Glycine, methyl ester	89	C3H7NO2	000616-34-2	9
3	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	9
4	1,3-Dioxolane, 2-ethyl-2-methyl-	116	C6H12O2	000126-39-6	9



NYC-WTC_000005470

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2710.D Vial: 21
Acq On : 8 Mar 2002 9:24 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

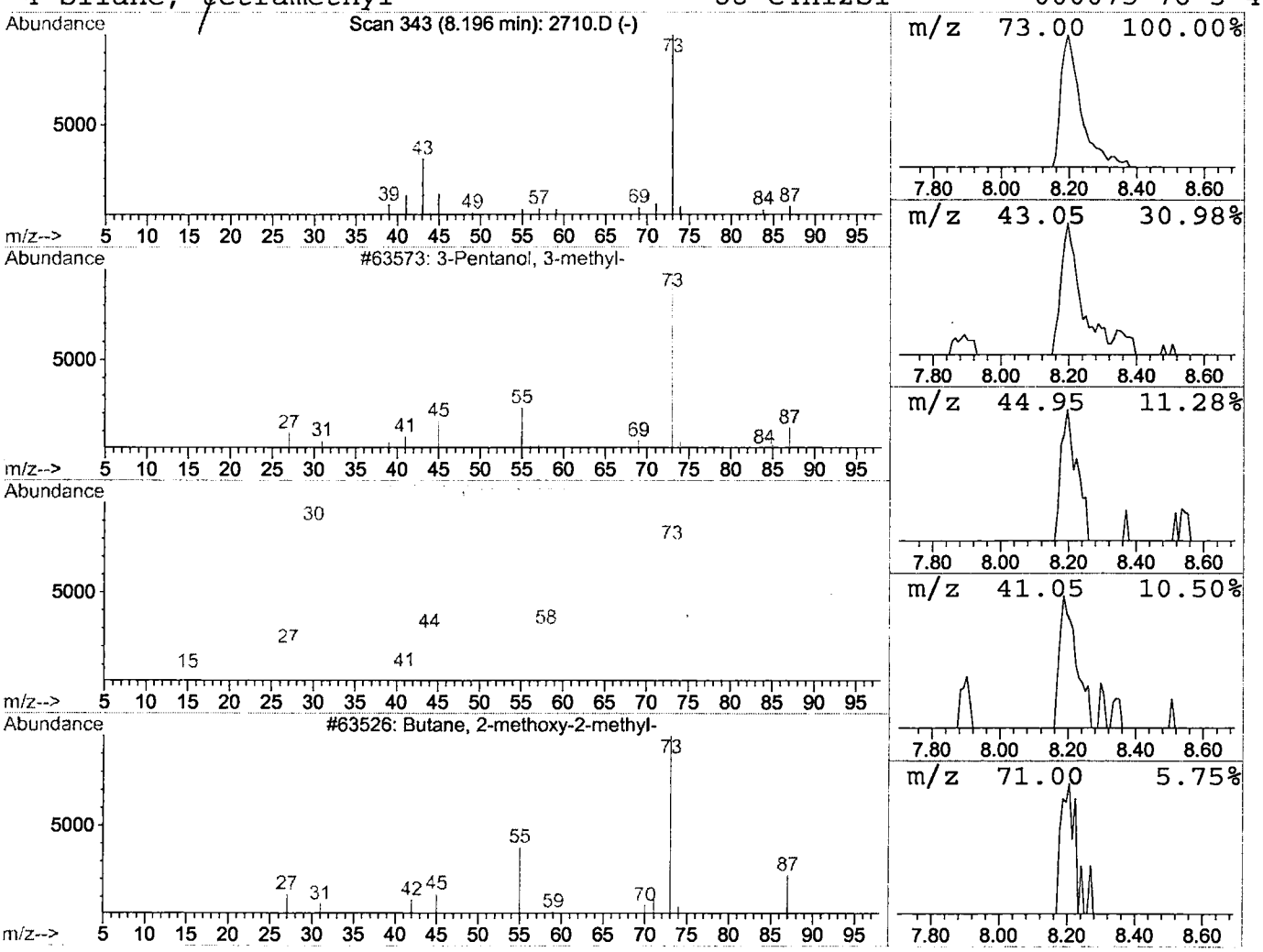
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.38 ug/l	45598	1,4-Dichlorobenzene-d4	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	4
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	4



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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Mar 2002 9:24 am
Data File: C:\HPCHEM\1\DATA\MAR0702\2710.D
Name: gc/ms scan 2/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
Methanethioamide, N,	6.23	0.4	ug/l	46824	ISTD01	12.30	2426530	20.0
3-Pentanol, 3-methyl	8.20	0.4	ug/l	45598	ISTD01	12.30	2426530	20.0

2710.D GCMS0208.M Wed Mar 13 14:59:38 2002