NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 16:04:45

Sample: AE01036
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 16:04 Ended: 2/26/02 16:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

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Comments for Sample AE01036 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 16:04:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

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: C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
: 12 Feb 2002 8:34 am Operator: 209 GALOS
: GC/MS SCAN 1/15 Inst : GC/MS 209
: Multiplr: 1.00
ıtegration Params: GOOFY.P
ıt Time: Feb 19 10:12 2002 Quant Results File: GCMS0208.RES

uant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
ſitle : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	341484	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1316452	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	711634	20.00	ug/l	0.00
29) Phenanthrene-d10	25.75	188	1044444	20.00	ug/l	-0.01
38) Chrysene-d12	33.83	240	679261	20.00	ug/l	-0.01
44) Perylene-d12	38.11	264	401991	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.84	235	59031	5.63	ug/mL	0.34
Spiked Amount 5.000			Recovery = 112.60%			
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	16.04	128	719	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	22.78	149	389	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

NYC-WTC_000052728

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Data File : C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
Acq On : 12 Feb 2002 8:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:12 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 13 11:43:23 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	25.76	178	311	N.D.	
34)	Anthracene	25.83	178	166	N.D.	
35)	Di-n-butylphthalate	27.72	149	4467	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	33.83	228	1787	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	939	N.D.	
43)	Chrysene	33.90	228	102	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	38.11	252	1707	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_000052729

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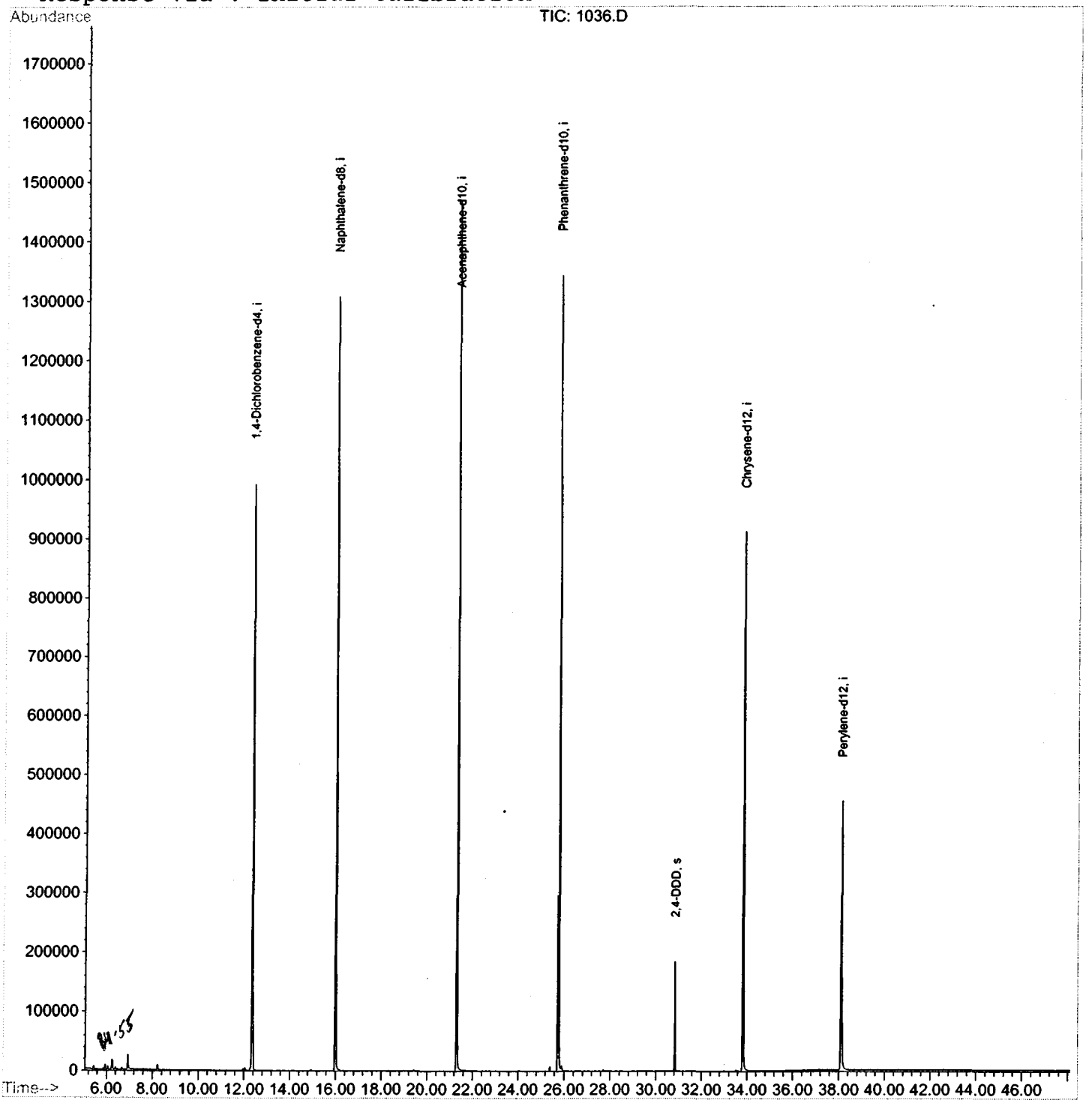
Data File : C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
Acq On : 12 Feb 2002 8:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:12 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



NYC-WTC_000052730

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
Acq On : 12 Feb 2002 8:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 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	6.244	124	131	137	rBV2	16860	40399	1.36%	0.275%
2	6.933	202	206	215	rBV	24375	49219	1.66%	0.335%
3	12.349	790	796	808	rVB	992583	2194724	74.08%	14.956%
4	15.984	1186	1192	1210	rBV	1307690	2724312	91.96%	18.565%
5	21.309	1765	1772	1786	rBV	1470217	2962584	100.00%	20.189%
6	25.752	2250	2256	2268	rBV2	1343241	2894587	97.70%	19.725%
7	30.829	2804	2809	2817	rVB	184521	358568	12.10%	2.443%
8	33.831	3129	3136	3153	rBV	912019	2067507	69.79%	14.089%
9	38.109	3593	3602	3616	rBV2	454397	1382529	46.67%	9.421%

Sum of corrected areas: 14674429

1036.D GCMS0208.M Tue Feb 19 10:31:05 2002

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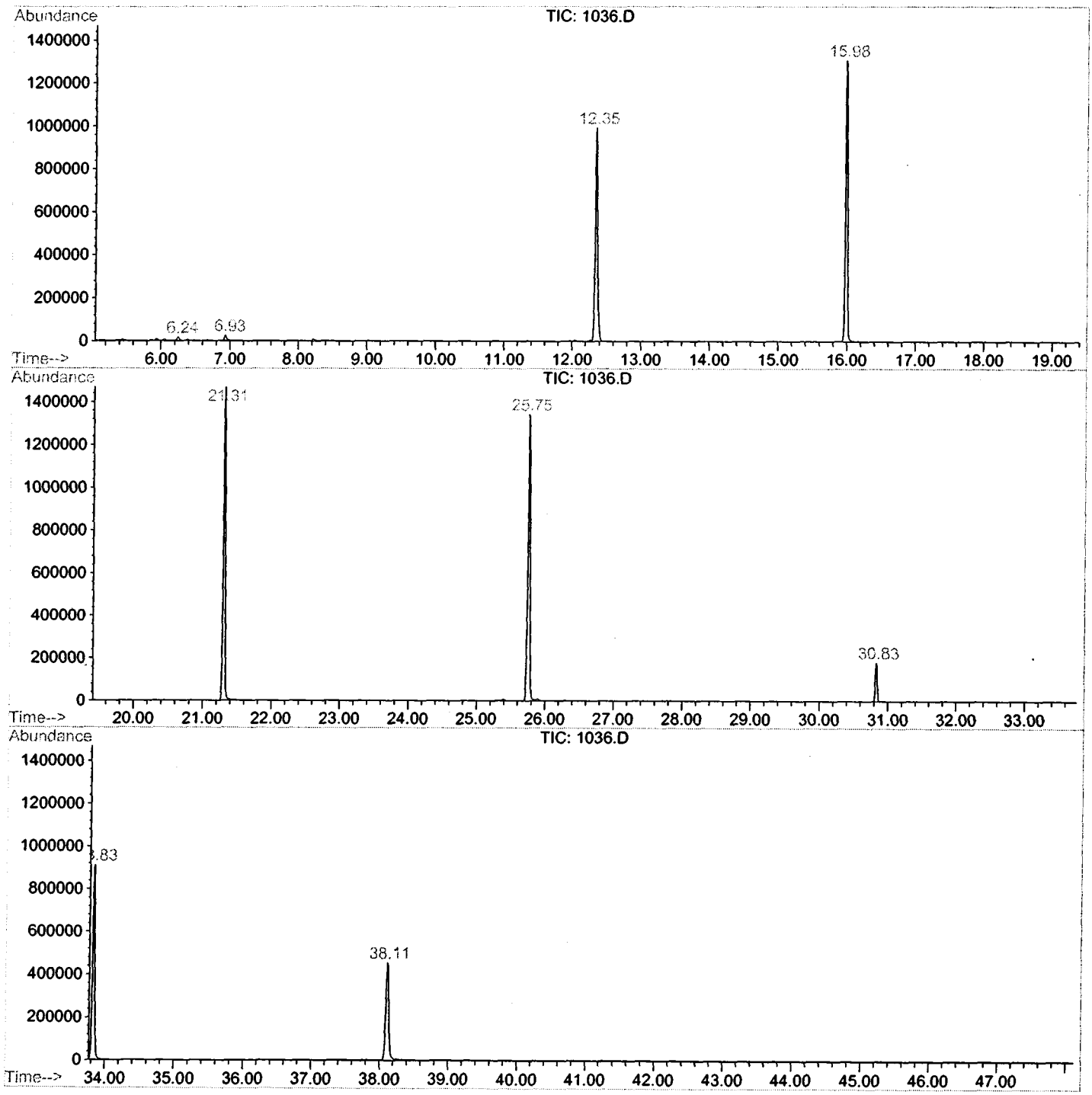
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1102\1036.D
Operator : 209 GALOS
Acquired : 12 Feb 2002 8:34 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/15
Misc Info :
Vial Number: 24
Quant File :GCMS0208.RES (RTE Integrator)



1036.D GCMS0208.M Tue Feb 19 10:31:12 2002

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
Acq On : 12 Feb 2002 8:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

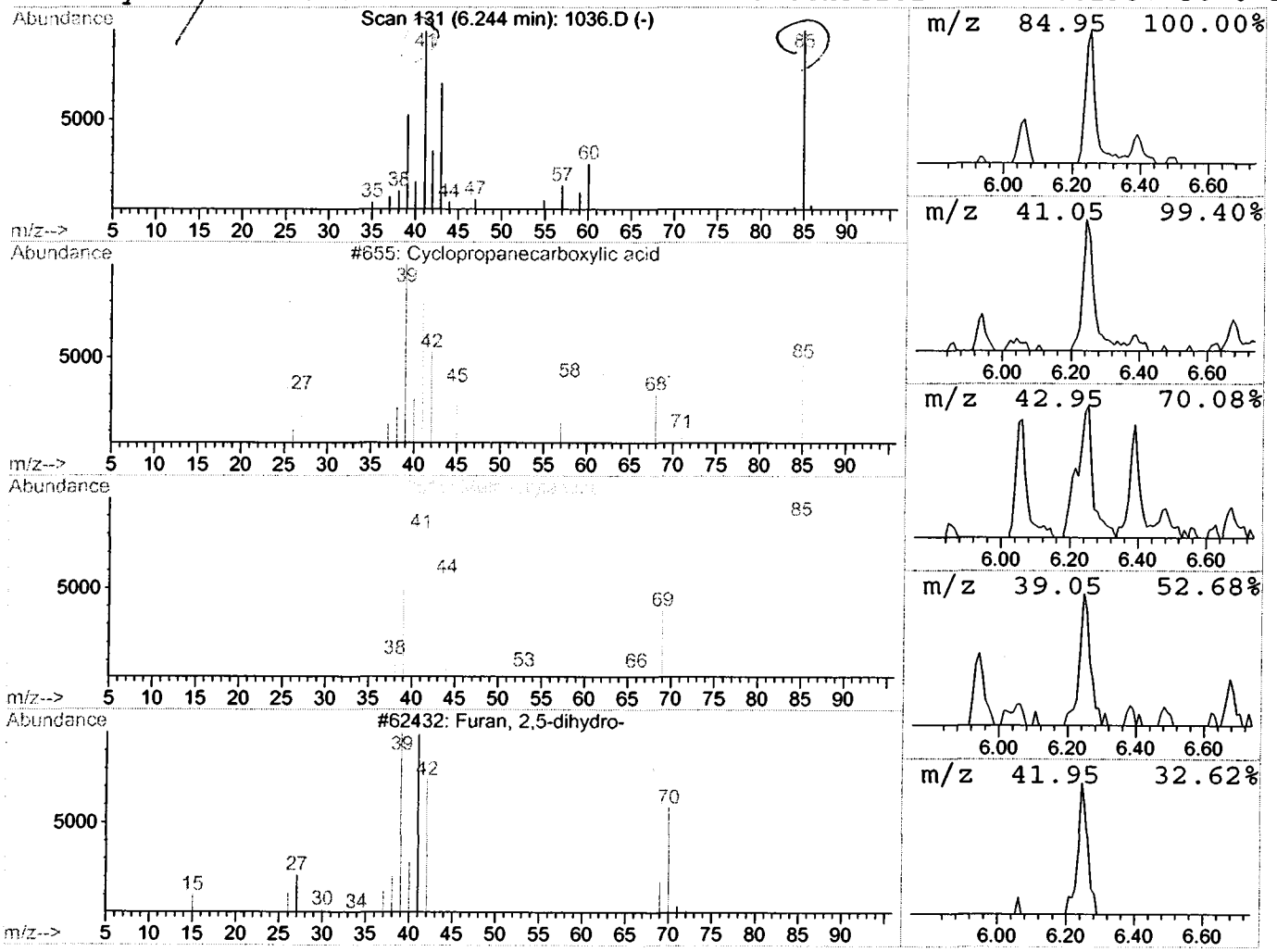
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopropanecarboxylic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	0.37 ug/l	40399	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	43
2	Methacrylamide	85	C4H7NO	000079-39-0	42
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	12
4	Allyl chloroformate	120	C4H5ClO2	002937-50-0	12



NYC-WTC_000052733

Data File : C:\HPCHEM\1\DATA\FEB1102\1036.D Vial: 24
Acq On : 12 Feb 2002 8:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

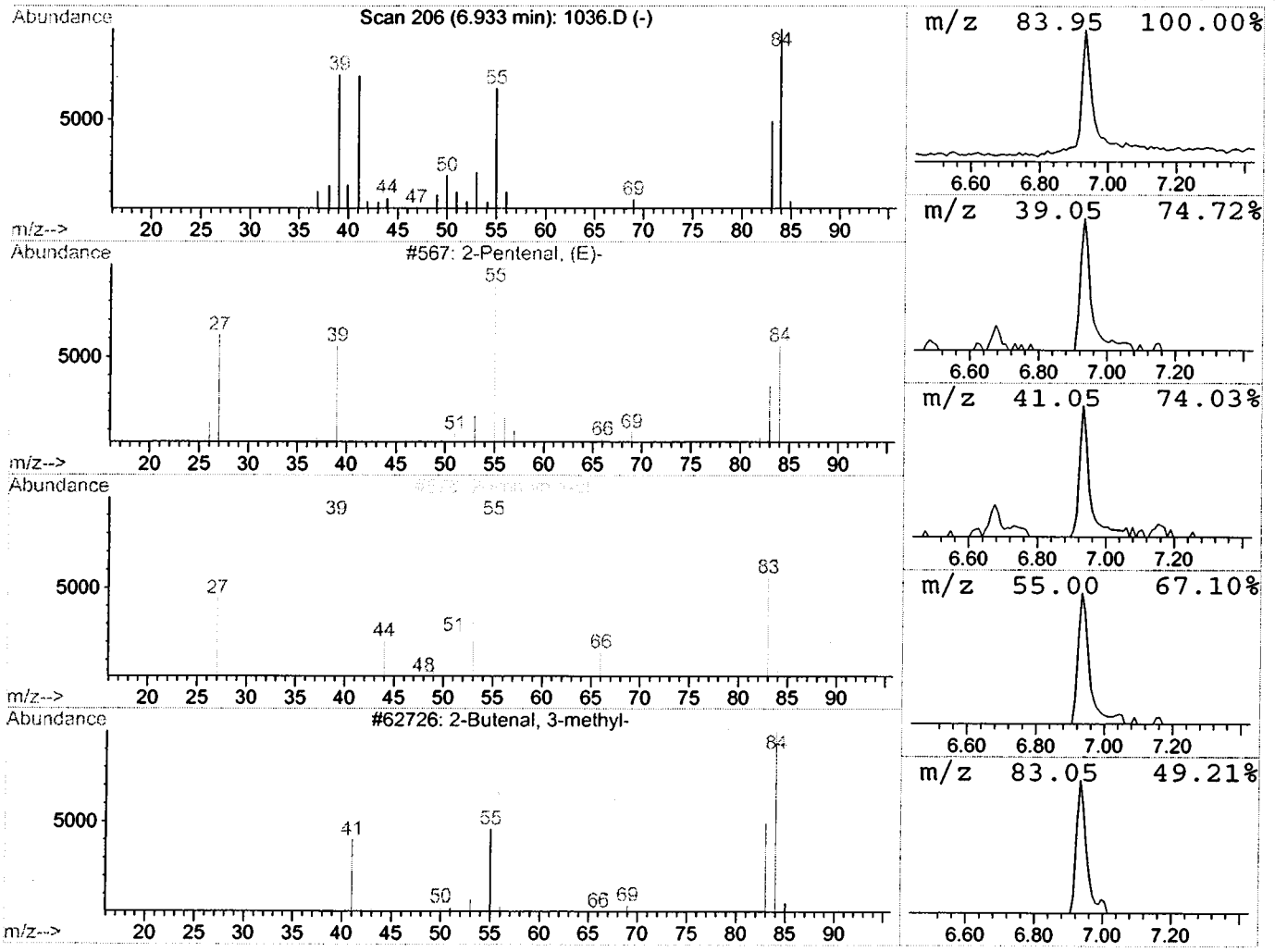
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentenal, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	0.45 ug/l	49219	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, (E)-	84	C5H8O	001576-87-0	78
2	2-Pentyn-1-ol	84	C5H8O	006261-22-9	50
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	45
4	3-Butenenitrile	67	C4H5N	000109-75-1	40



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Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 12 Feb 2002 8:34 am
Data File: C:\HPCHEM\1\DATA\FEB1102\1036.D
Name: GC/MS SCAN 1/15
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
Cyclopropanecarboxyl	6.24	0.4	ug/l	40399	ISTD01	12.35	2194720	20.0
2-Pentenal, (E)-	6.93	0.4	ug/l	49219	ISTD01	12.35	2194720	20.0

1036.D GCMS0208.M Tue Feb 19 10:31:25 2002