User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 08:41:59

Sample: AE01040
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 08:41 Ended: 2/27/02 08:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		129		5.0

ɔmments for Sample AE01040 - Analysis $GCMS

/estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 02-27-2002 Time: 08:42:22

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D Vial: 28
Acq On : 12 Feb 2002 12:27 pm 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 10:18 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	312214	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1217877	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	657077	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	972829	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	664342	20.00	ug/l	-0.02
44) Perylene-d12	38.12	264	408499	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.84	235	63021	6.45	ug/mL	0.34
Spiked Amount 5.000			Recovery = 129.00%			
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	16.05	128	1152	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	22.79	149	312	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Acq On : 12 Feb 2002 12:27 pm
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:18 2002

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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	317	N.D.	
34)	Anthracene	25.76	178	317	N.D.	
35)	Di-n-butylphthalate	27.72	149	3574	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	33.82	228	1665	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	574	N.D.	
43)	Chrysene	33.82	228	1665	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	38.12	252	1703	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.	

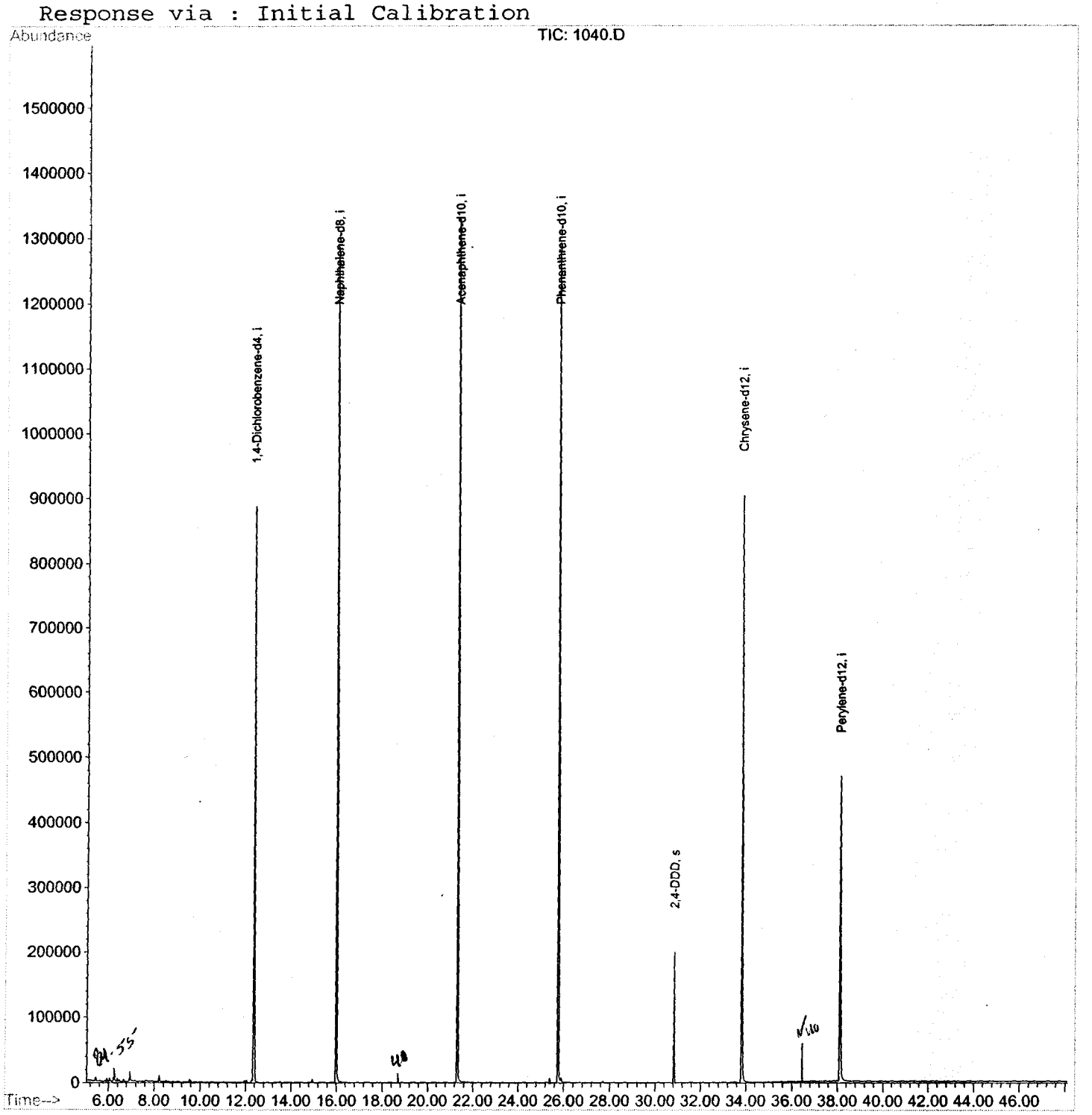
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Acq On : 12 Feb 2002 12:27 pm
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:18 2002

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D Vial: 28
Acq On : 12 Feb 2002 12:27 pm 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

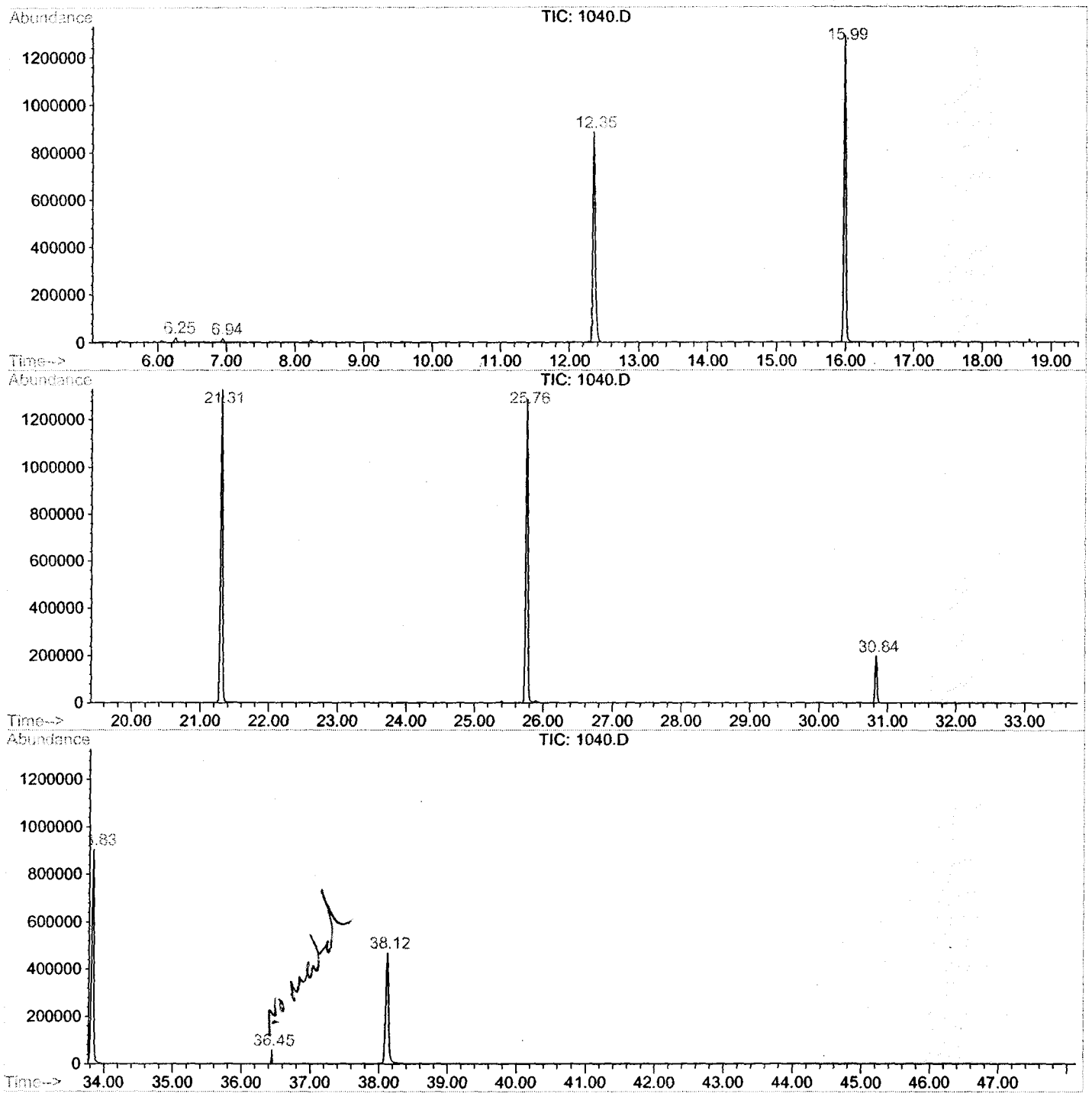
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.251	126	132	141	rBV2	20597	46712	1.73%	0.338%
2	6.940	204	207	214	rBV	14811	31361	1.16%	0.227%
3	12.347	791	796	808	rVB	885639	1993556	73.69%	14.437%
4	15.992	1187	1193	1209	rBV	1286870	2520104	93.15%	18.251%
5	21.307	1766	1772	1782	rBV	1331265	2705431	100.00%	19.593%
6	25.759	2250	2257	2267	rBV	1288802	2692316	99.52%	19.498%
7	30.836	2805	2810	2815	rBV	200047	378435	13.99%	2.741%
8	33.829	3129	3136	3148	rBV	904499	2010785	74.32%	14.562%
9	36.445	3419	3421	3422	rBV	59132	33217	1.23%	0.241%
10	38.116	3594	3603	3618	rBV2	469078	1396300	51.61%	10.112%

Sum of corrected areas: 13808217

1040.D GCMS0208.M Tue Feb 19 10:33:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Operator : 209 GALOS
Acquired : 12 Feb 2002 12:27 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/15
Misc Info :
Vial Number: 28
Quant File :GCMS0208.RES (RTE Integrator)



1040.D GCMS0208.M Tue Feb 19 10:33:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Acq On : 12 Feb 2002 12:27 pm
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

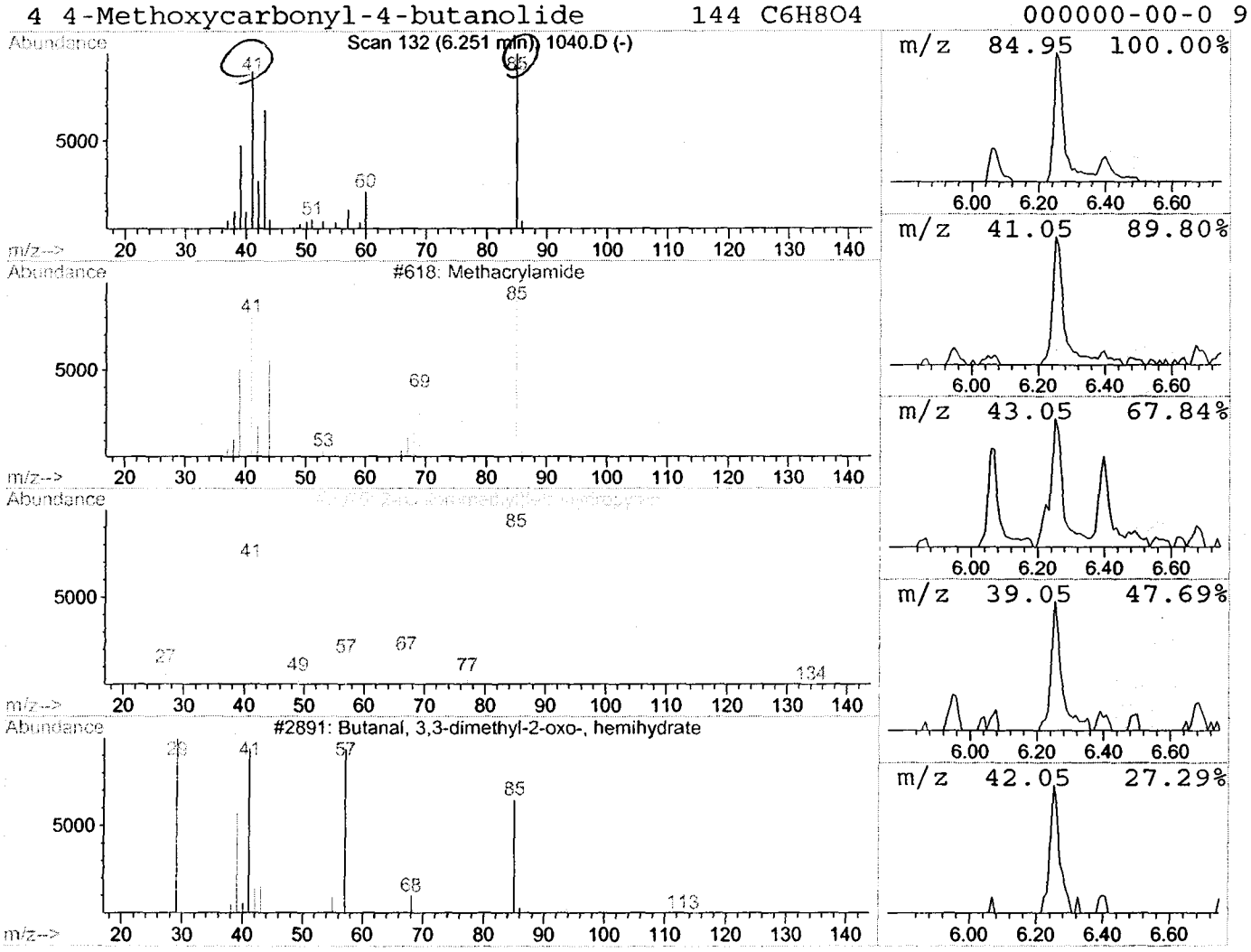
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Methacrylamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	0.47 ug/l	46712	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	9
3	Butanal, 3,3-dimethyl-2-oxo-, hemih	114	C6H10O2	077572-68-0	9
4	4-Methoxycarbonyl-4-butanolide	144	C6H8O4	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Acq On : 12 Feb 2002 12:27 pm
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

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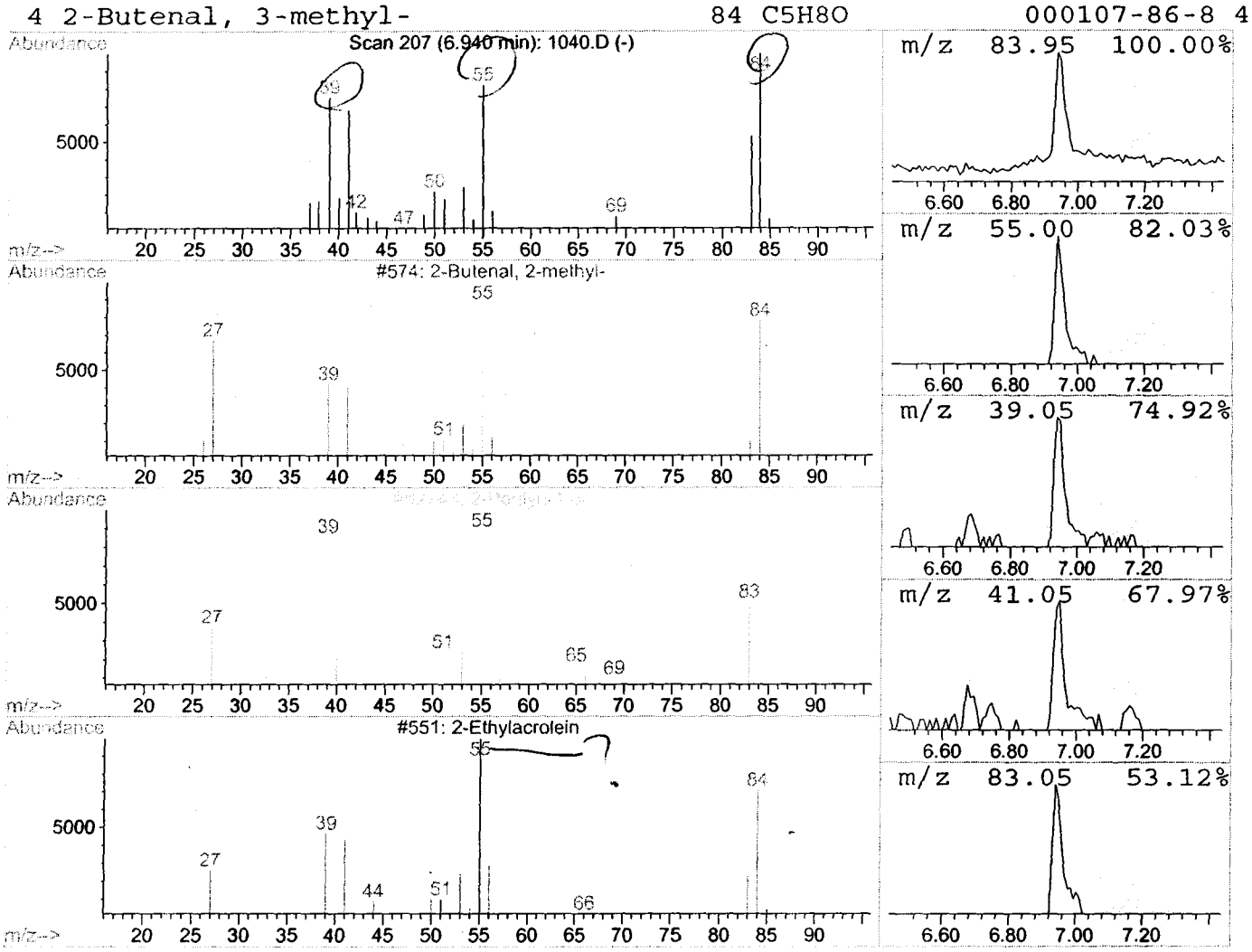
Peak Number 2 2-Butenal, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	0.31 ug/l	31361	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	64
2	2-Pentyn-1-ol	84	C5H8O	006261-22-9	59
3	2-Ethylacrolein	84	C5H8O	000922-63-4	45
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\1040.D
Acq On : 12 Feb 2002 12:27 pm
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

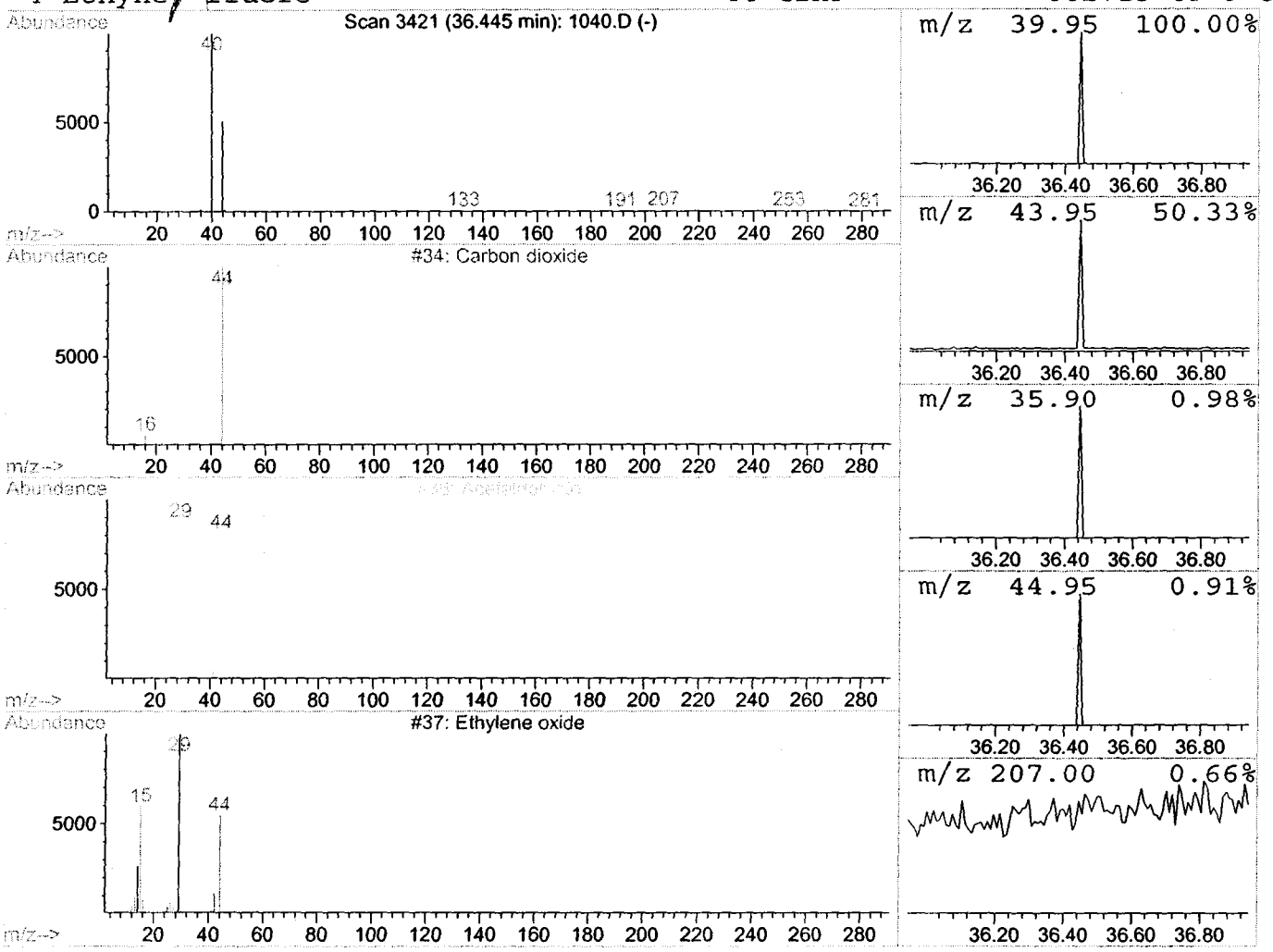
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.48 ug/l	33217	Perylene-d12	38.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Ethylene oxide	44	C2H4O	000075-21-8	3
4	Ethyne, fluoro-	44	C2HF	002713-09-9	3



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Feb 2002 12:27 pm
Data File: C:\HPCHEM\1\DATA\FEB1102\1040.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
Methacrylamide	6.25	0.5	ug/l	46712	ISTD01	12.35	1993560	20.0
2-Butenal, 2-methyl-	6.94	0.3	ug/l	31361	ISTD01	12.35	1993560	20.0
~~Carbon dioxide~~	36.45	0.5	ug/l	33217	ISTD06	38.12	1396300	20.0

1040.D GCMS0208.M Tue Feb 19 10:33:58 2002