NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 09:31:41

Sample: AD31344
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 09:31 Ended: 2/15/02 09:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AD31344 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 09:31:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 7 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\FEB0802\31344.D Vial: 40
Acq On : 9 Feb 2002 11:11 pm Operator: 209 GALOS
Sample : RE-EXTRACT 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:55 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 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	440479	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1691421	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	901539	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	1318443	20.00	ug/l	0.00
38) Chrysene-d12	33.82	240	919425	20.00	ug/l	-0.02
44) Perylene-d12	38.12	264	626302	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	62568	3.82	ug/mL	0.33
Spiked Amount 5.000			Recovery = 76.40%			
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	415	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	0.00	149	0	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\FEB0802\31344.D Vial: 40
Acq On : 9 Feb 2002 11:11 pm Operator: 209 GALOS
Sample : RE-EXTRACT 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:55 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 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	25.75	178	365	N.D.	
34)	Anthracene	25.75	178	365	N.D.	
35)	Di-n-butylphthalate	27.71	149	2412	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	2309	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	1450	N.D.	
43)	Chrysene	33.83	228	2309	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	2638	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_000005710

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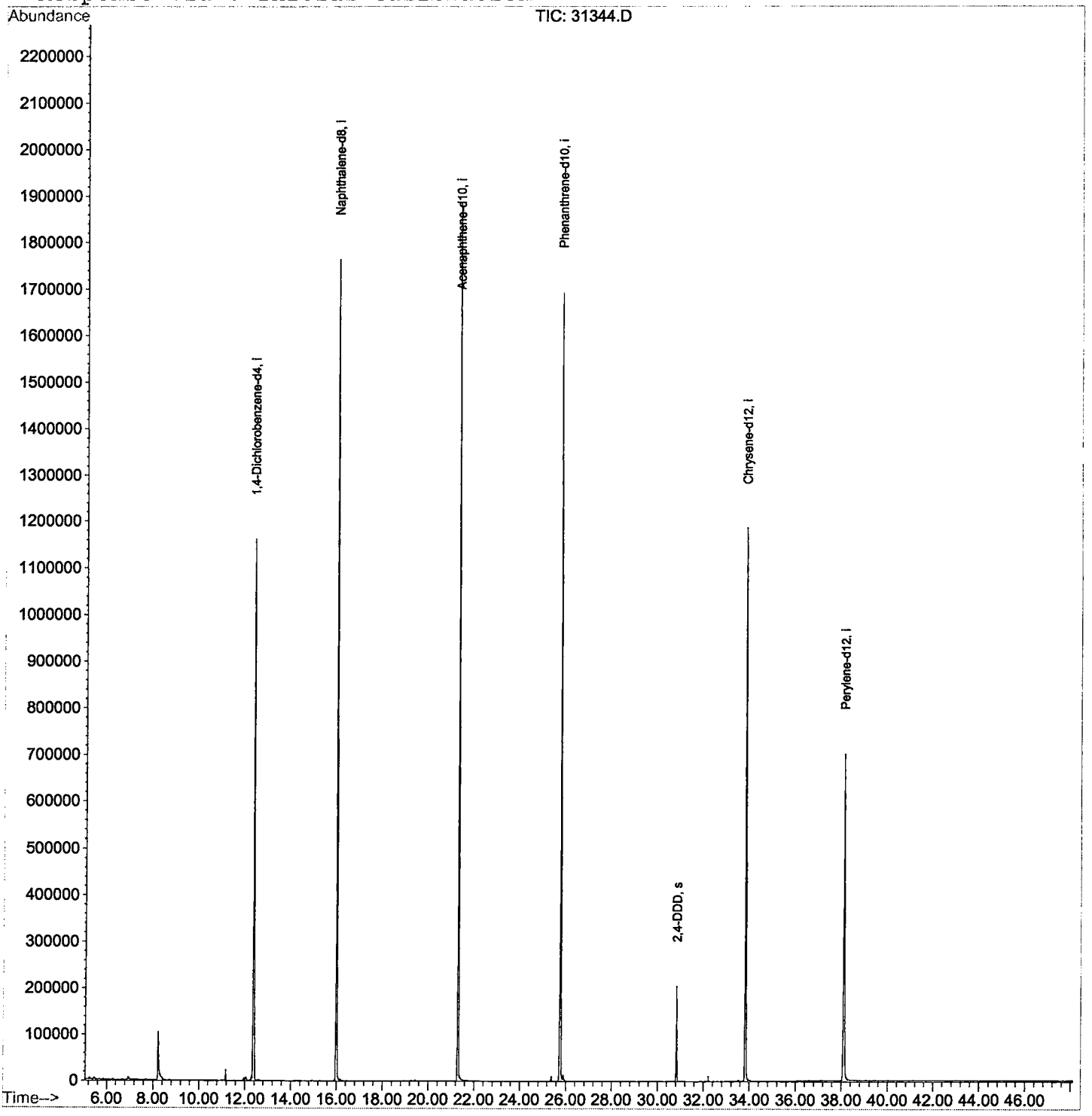
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31344.D Vial: 40
Acq On : 9 Feb 2002 11:11 pm Operator: 209 GALOS
Sample : RE-EXTRACT 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:55 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



NYC-WTC_000005711

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31344.D Vial: 40
Acq On : 9 Feb 2002 11:11 pm Operator: 209 GALOS
Sample : RE-EXTRACT 2/7 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	8.217	342	346	361	rBV	104559	312788	8.37%	1.619%
2	12.348	790	796	809	rVB	1160240	2780181	74.39%	14.392%
3	15.993	1186	1193	1209	rBV	1764078	3481770	93.16%	18.024%
4	21.308	1765	1772	1786	rBV	1888009	3737265	100.00%	19.347%
5	25.760	2249	2257	2267	rBV	1693454	3642201	97.46%	18.855%
6	30.828	2804	2809	2814	rBV	205328	384348	10.28%	1.990%
7	33.821	3128	3135	3150	rBV2	1185546	2814012	75.30%	14.567%
8	38.117	3593	3603	3620	rBV	699457	2164593	57.92%	11.206%

Sum of corrected areas: 19317158

31344.D GCMS0208.M Wed Feb 13 11:15:11 2002

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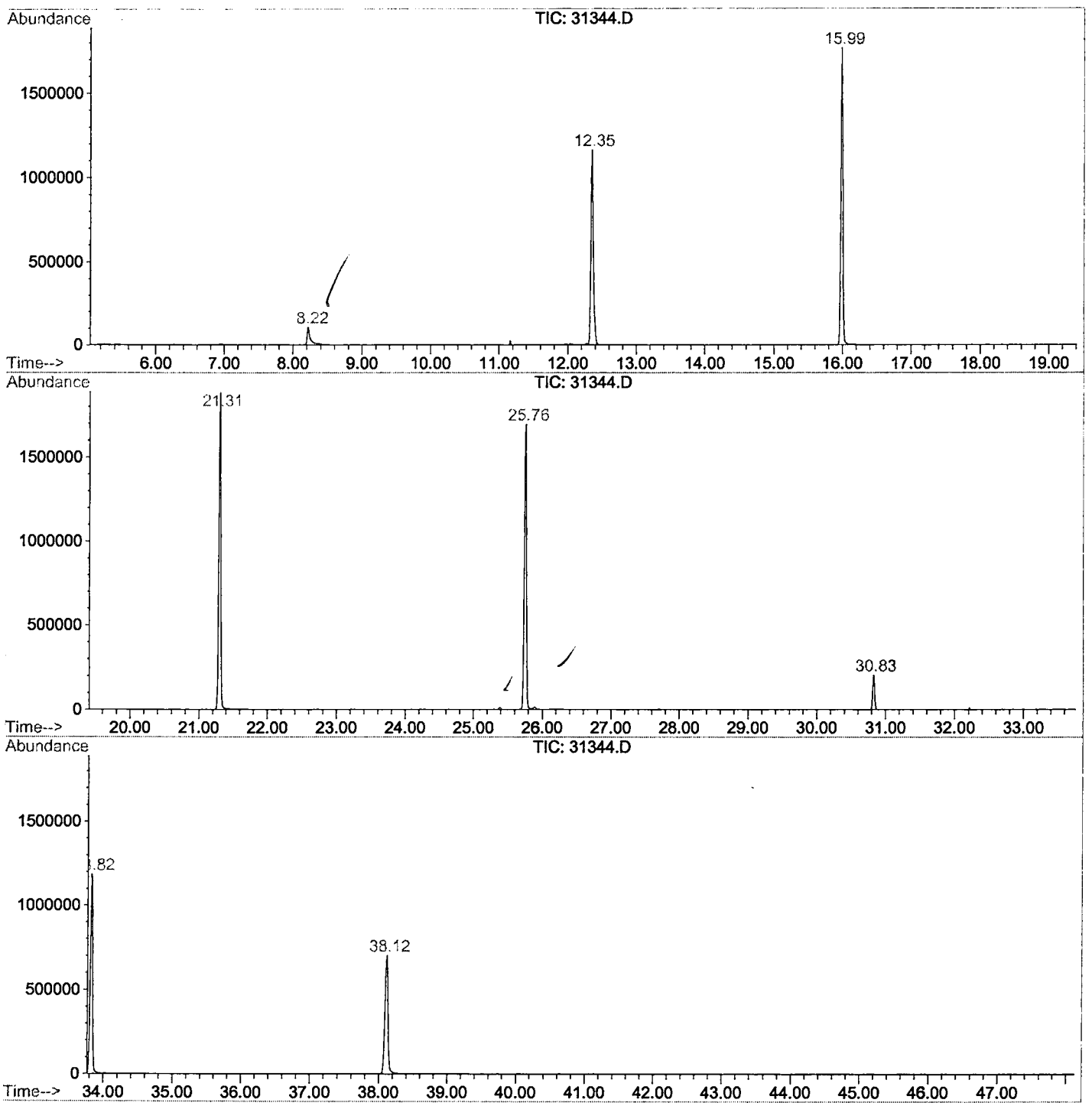
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\31344.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 11:11 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: RE-EXTRACT 2/7
Misc Info :
Vial Number: 40
Quant File :GCMS0208.RES (RTE Integrator)



31344.D GCMS0208.M Wed Feb 13 11:15:17 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31344.D
Acq On : 9 Feb 2002 11:11 pm
Sample : RE-EXTRACT 2/7
Misc :
MS Integration Params: LSCINT.P

Vial: 40
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

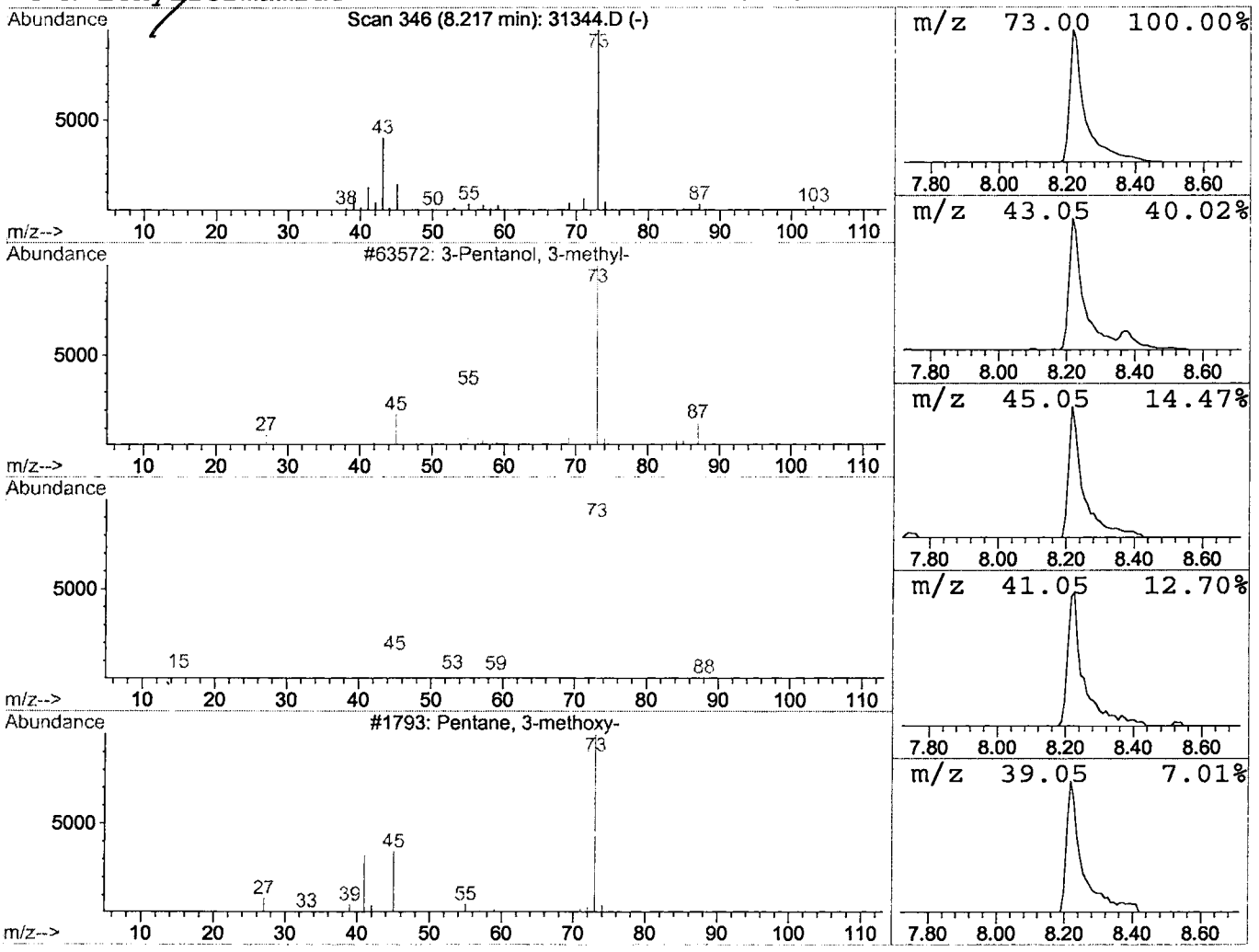
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.25 ug/l	312788	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



NYC-WTC_000005714

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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 11:11 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\31344.D
Name: RE-EXTRACT 2/7
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
3-Pentanol, 3-methyl	8.22	2.3	ug/l	312788	ISTD01	12.35	2780180	20.0

31344.D GCMS0208.M Wed Feb 13 11:15:26 2002