User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 08:37:48

Sample: AE00899
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 08:37 Ended: 2/26/02 08:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AE00899 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 08:38:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\899.D Vial: 34
Acq On : 12 Feb 2002 8:15 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 12 21:03 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	12.34	152	255780	20.00	ug/l	-0.01
10) Naphthalene-d8	15.99	136	954117	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.30	164	504797	20.00	ug/l	-0.01
29) Phenanthrene-d10	25.75	188	737929	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	470876	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	283114	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	53074	5.79	ug/mL	0.33
Spiked Amount 5.000			Recovery = 115.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.53	74	178	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	20.64	163	1056	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	1189	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.92	166	295	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\899.D Vial: 34
Acq On : 12 Feb 2002 8:15 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 12 21:03 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	25.83	178	597	N.D.	
34) Anthracene	25.83	178	597	N.D.	
35) Di-n-butylphthalate	27.71	149	2240	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	1174	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.03	149	956	N.D.	
43) Chrysene	33.82	228	1174	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.90	252	294	N.D.	
47) Benzo(k)fluoranthene	36.96	252	336	N.D.	
48) Benzo(a)pyrene	38.10	252	1151	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.	

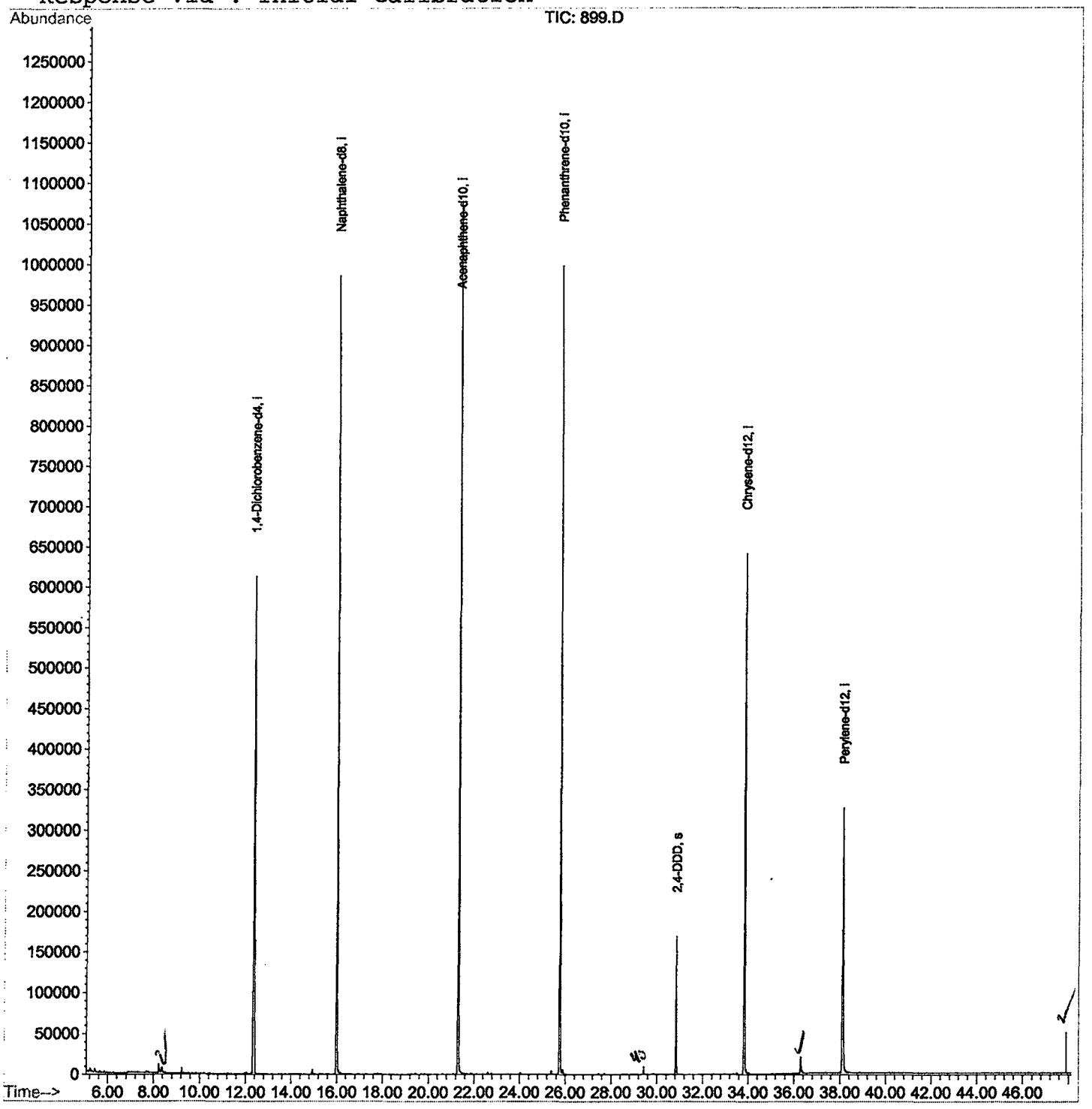
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1102\899.D
Acq On : 12 Feb 2002 8:15 pm
Sample : GC/MS SCAN 1/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 12 21:03 2002

Vial: 34
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\899.D Vial: 34
Acq On : 12 Feb 2002 8:15 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/14 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

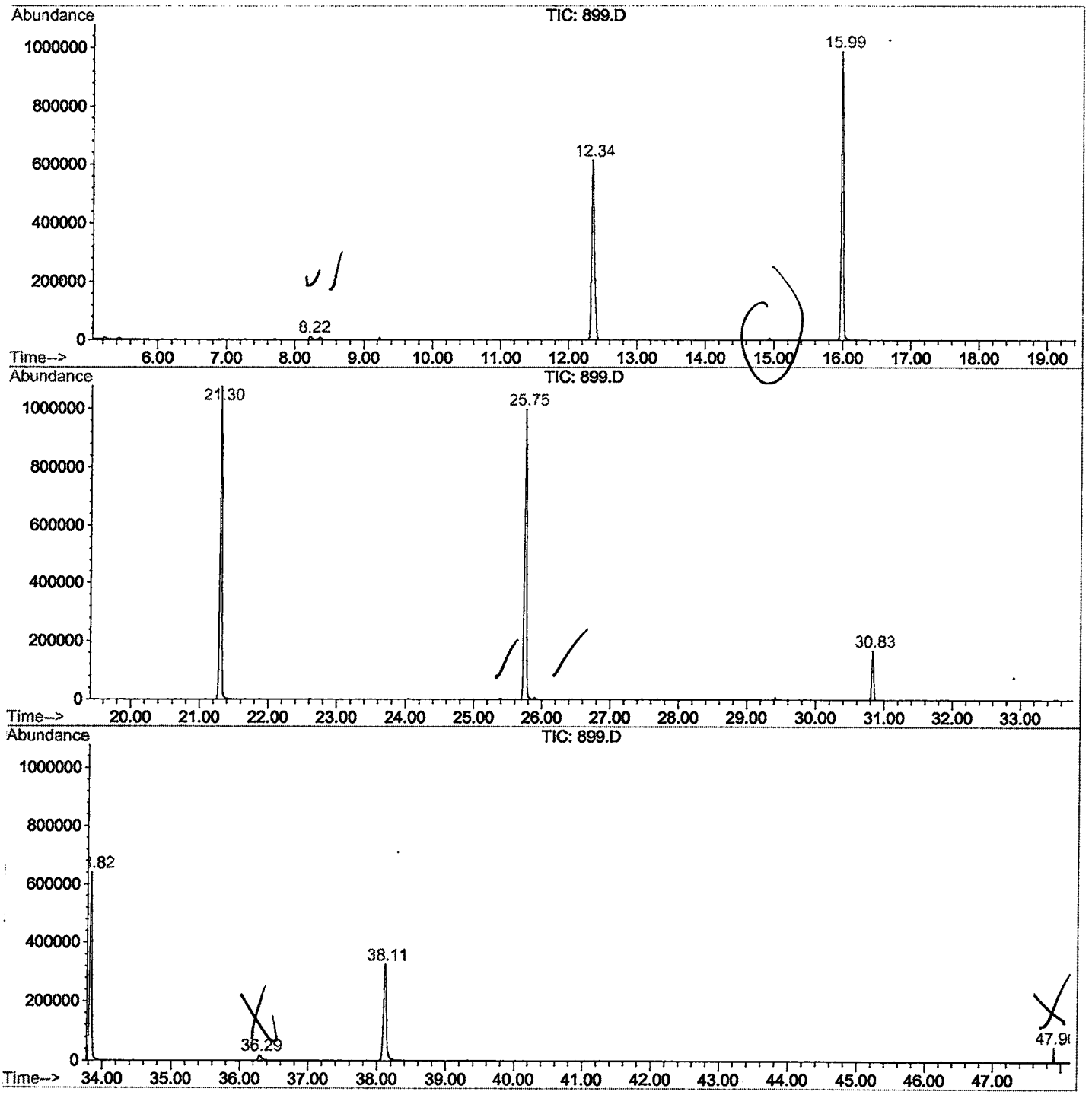
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.221	341	346	354	rBV	11236	30971	1.48%	0.292%
2	12.342	790	795	807	rVB	612074	1633308	78.07%	15.410%
3	15.987	1186	1192	1204	rBV	985457	1979610	94.63%	18.678%
4	21.302	1765	1771	1779	rBV	1076933	2091987	100.00%	19.738%
5	25.755	2249	2256	2268	rBV2	997784	2053813	98.18%	19.378%
6	30.832	2804	2809	2814	rBV	168805	322246	15.40%	3.040%
7	33.824	3128	3135	3148	rBV	641392	1434490	68.57%	13.534%
8	36.294	3400	3404	3412	rBV2	20498	54895	2.62%	0.518%
9	38.112	3592	3602	3615	rBV2	325711	969985	46.37%	9.152%
10	47.898	4667	4668	4670	rVB	49731	27596	1.32%	0.260%

Sum of corrected areas: 10598901

899.D GCMS0208.M Wed Feb 20 09:53:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1102\899.D
Operator : 209 GALOS
Acquired : 12 Feb 2002 8:15 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/14
Misc Info :
Vial Number: 34
Quant File :GCMS0208.RES (RTE Integrator)



899.D GCMS0208.M Wed Feb 20 09:53:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\899.D
Acq On : 12 Feb 2002 8:15 pm
Sample : GC/MS SCAN 1/14
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

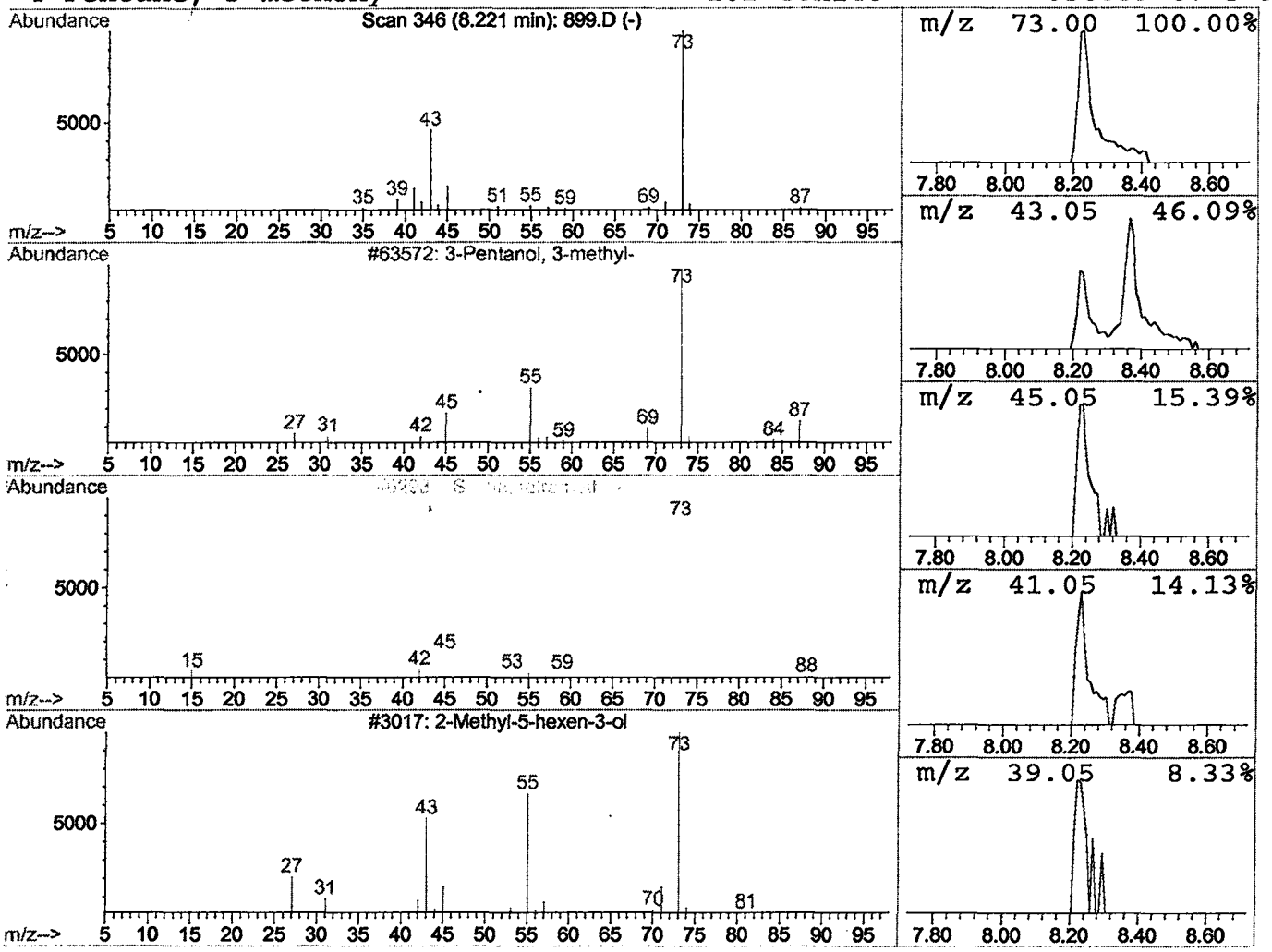
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.38 ug/l	30971	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\899.D
Acq On : 12 Feb 2002 8:15 pm
Sample : GC/MS SCAN 1/14
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

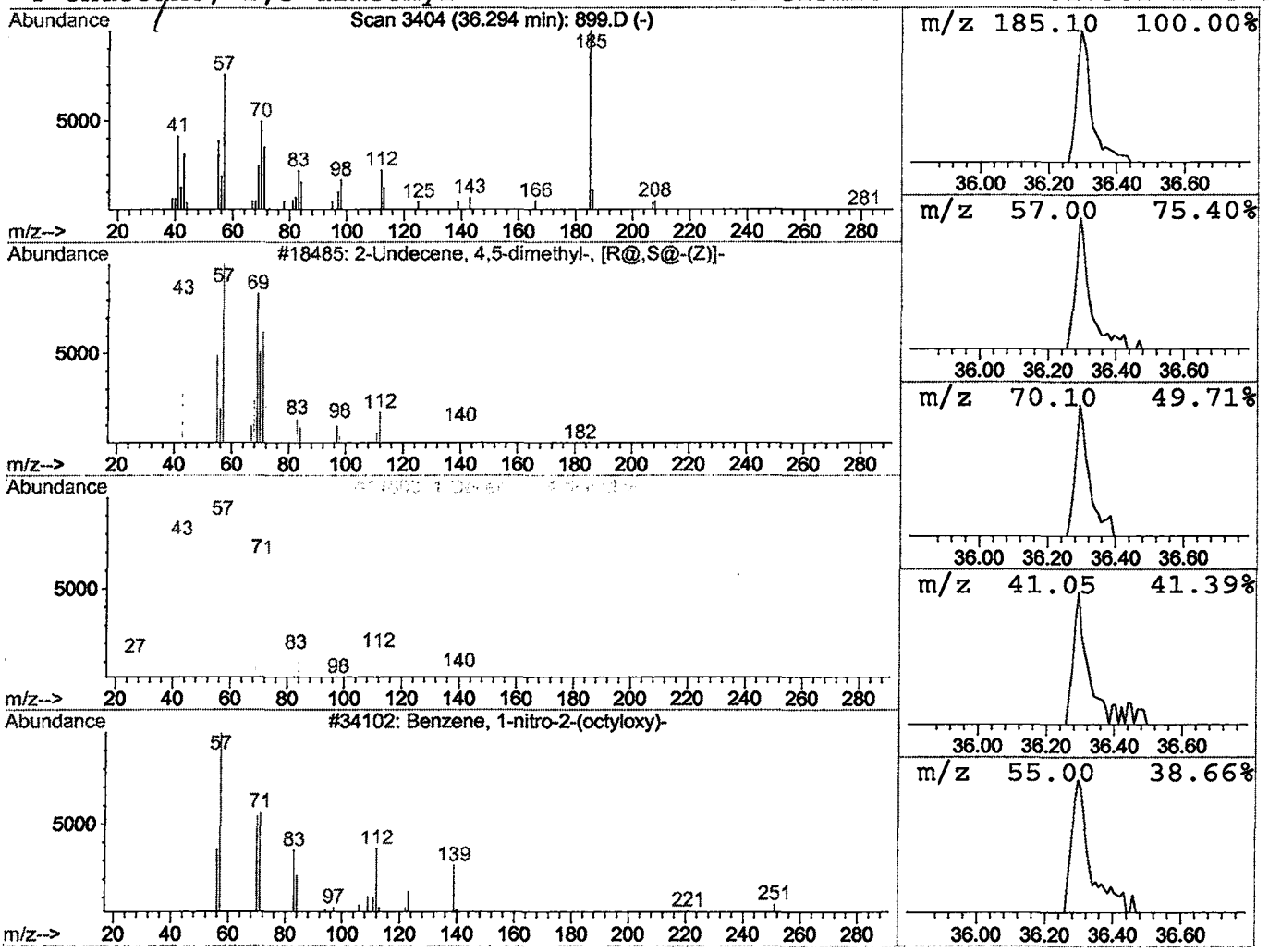
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Undecene, 4,5-dimethyl-, [R@ Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.29	1.13 ug/l	54895	Perylene-d12	38.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	25
2	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	17
3	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	12
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1102\899.D
Acq On : 12 Feb 2002 8:15 pm
Sample : GC/MS SCAN 1/14
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

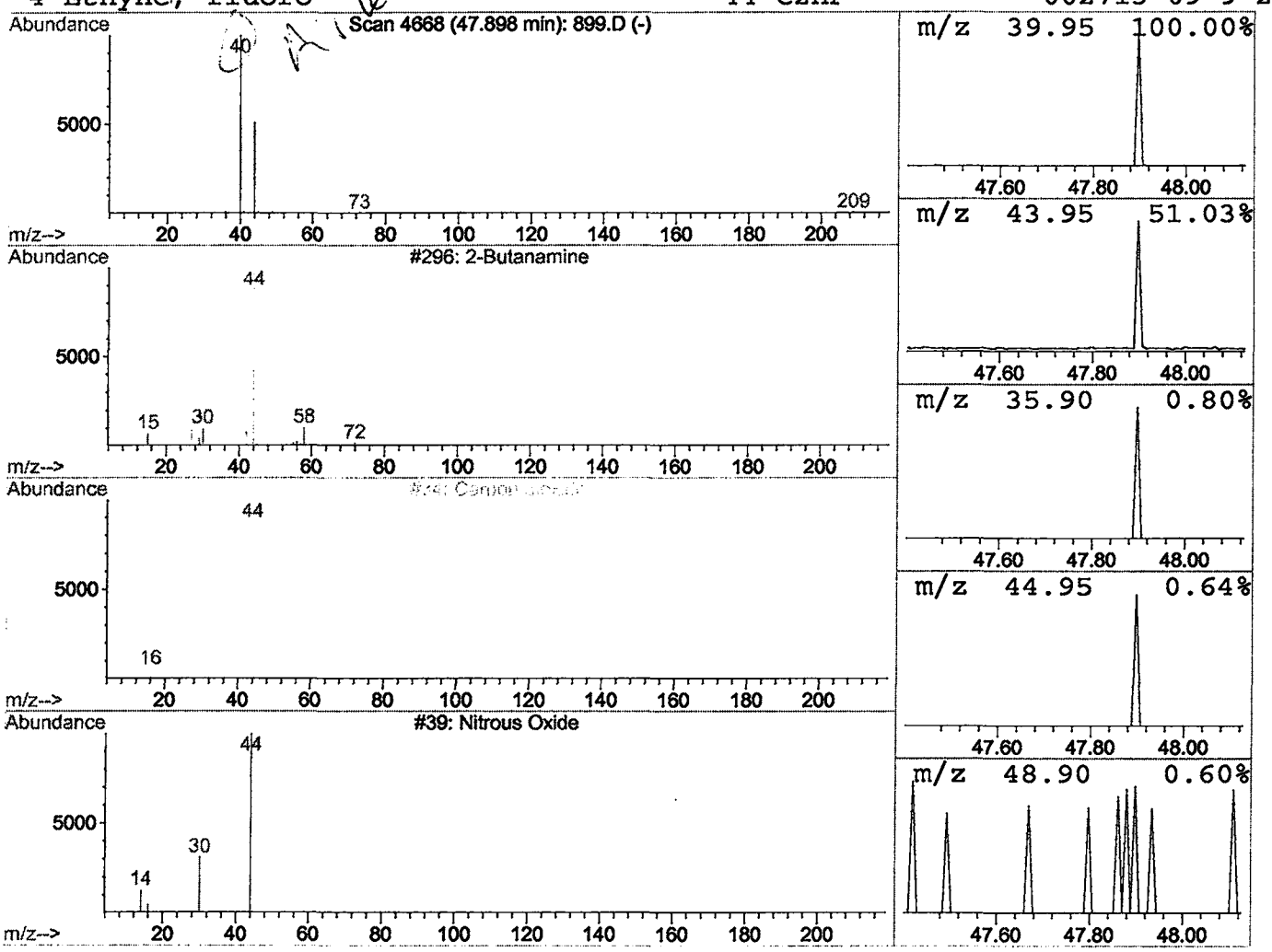
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Butanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
47.90	0.57 ug/l	27596	Perylene-d12	38.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanamine	73	C4H11N	013952-84-6	3
2	Carbon dioxide	44	CO2	000124-38-9	3
3	Nitrous Oxide	44	N2O	010024-97-2	3
4	Ethyne, fluoro-	44	C2HF	002713-09-9	2



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Feb 2002 8:15 pm
Data File: C:\HPCHEM\1\DATA\FEB1102\899.D
Name: GC/MS SCAN 1/14
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	0.4	ug/l	30971	ISTD01	12.34	1633310	20.0
2-Undecene, 4,5-dime	36.29	1.1	ug/l	54895	ISTD06	38.11	969985	20.0
2-Butanamine	47.90	0.6	ug/l	27596	ISTD06	38.11	969985	20.0

899.D GCMS0208.M Wed Feb 20 09:53:27 2002