User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 11:05:27

Sample: AE01225
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 11:05 Ended: 2/25/02 11:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE01225 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 11:05:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 14 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Data File : C:\HPCHEM\1\DATA\FEB1502\1225.D
Acq On : 16 Feb 2002 6:36 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:05 2002

Vial: 27
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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	263091	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	990858	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	535527	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	756910	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	505043	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	332024	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	39445	5.19	ug/mL	0.31
Spiked Amount 5.000			Recovery = 103.80%			
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	16.03	128	576	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	22.76	149	519	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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Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:05 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	25.79	178	182	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	4917	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	33.79	228	1350	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	752	N.D.	
43)	Chrysene	33.79	228	1350	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	38.08	252	1431	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

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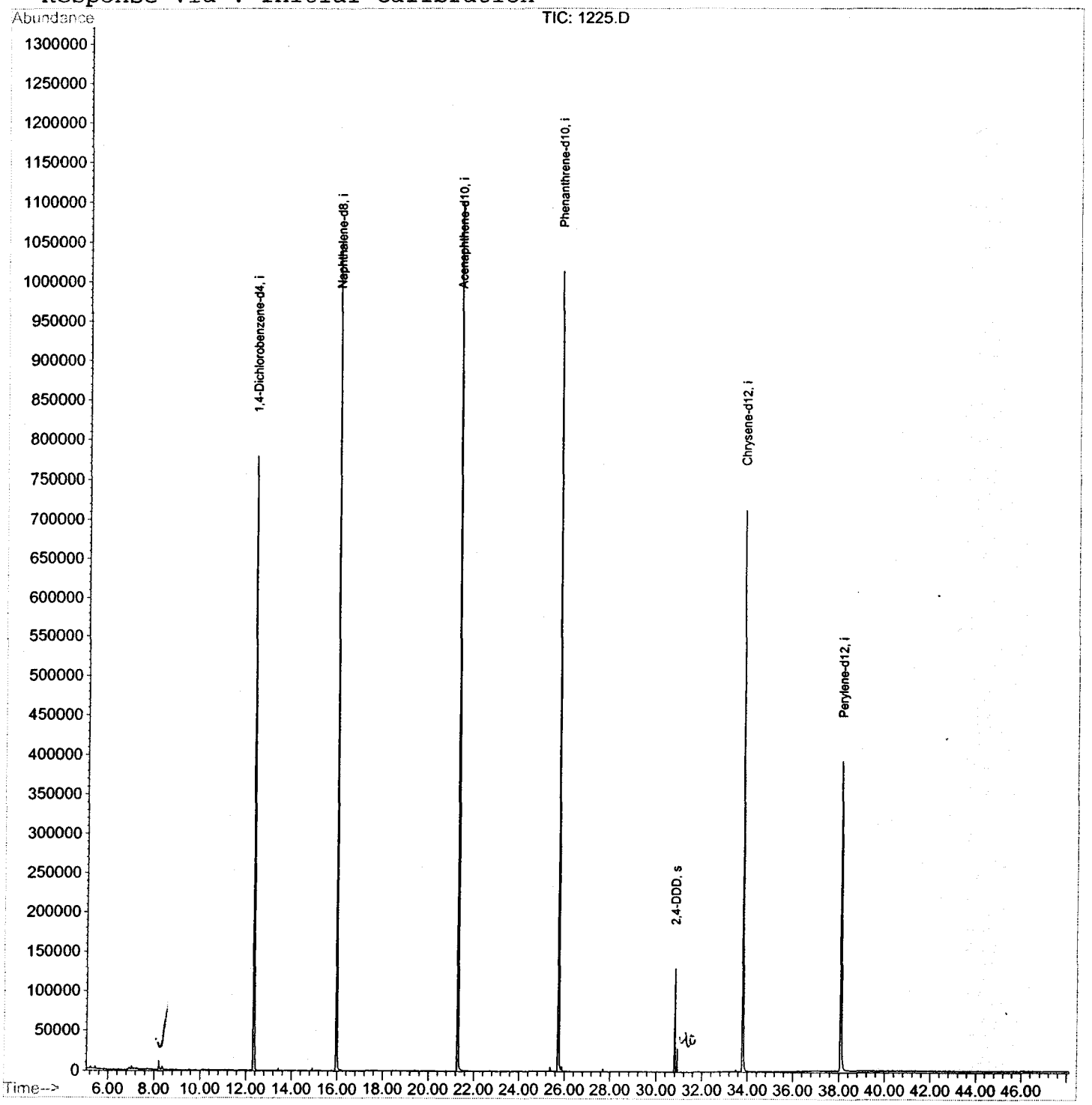
Acq On : 16 Feb 2002 6:36 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:05 2002 Quant Results File: GCMS0208.RES

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



Data File : C:\HPCHEM\1\DATA\FEB1502\1225.D Vial: 27
Acq On : 16 Feb 2002 6:36 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 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

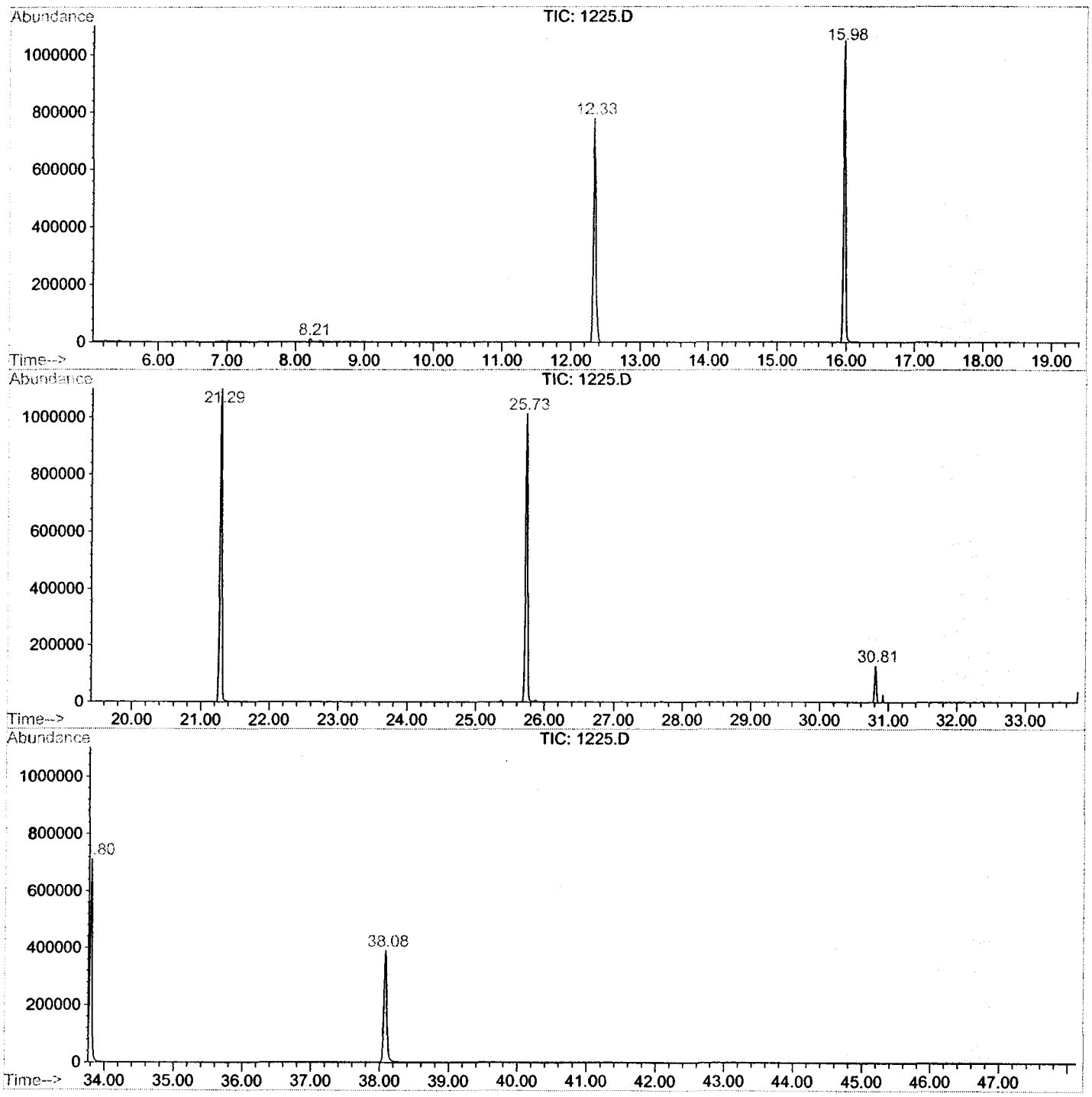
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.208	340	345	350	rBV	10795	23647	1.04%	0.213%
2	12.330	789	794	809	rVB	778302	1694830	74.78%	15.286%
3	15.975	1185	1191	1207	rBV	1048564	2058916	90.84%	18.570%
4	21.290	1763	1770	1785	rBV	1101001	2266458	100.00%	20.441%
5	25.734	2248	2254	2265	rBV2	1013180	2115945	93.36%	19.084%
6	30.810	2802	2807	2812	rBV	129608	237246	10.47%	2.140%
7	33.803	3126	3133	3147	rBV	712016	1533972	67.68%	13.835%
8	38.081	3591	3599	3617	rBV	391188	1156606	51.03%	10.432%

Sum of corrected areas: 11087620

1225.D GCMS0208.M Wed Feb 20 14:30:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1225.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 6:36 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 27
Quant File :GCMS0208.RES (RTE Integrator)



1225.D GCMS0208.M Wed Feb 20 14:30:42 2002

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  Data File : C:\HPCHEM\1\DATA\FEB1502\1225.D              Vial: 27
  Acq On    : 16 Feb 2002    6:36 pm                   Operator: 209  GALOS
  Sample    : gc/ms scan 1/17                          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  Pentane, 3-methoxy-              Concentration Rank  1

  R.T.    EstConc           Area       Relative to ISTD          R.T.
----------------------------------------------------------------------
  8.21    0.28 ug/l         23647    1,4-Dichlorobenzene-d4      12.33

 Hit# of  5    Tentative ID                  MW  MolForm       CAS#        Qual
-------------------------------------------------------------------------------
 1 Pentane, 3-methoxy-                     102 C6H14O        036839-67-5 9
 2 N-Ethylformamide                         73 C3H7NO        000627-45-2 5
 3 Silane, tetramethyl-                     88 C4H12Si       000075-76-3 4
 4 1,4-Butanediamine                        88 C4H12N2       000110-60-1 4
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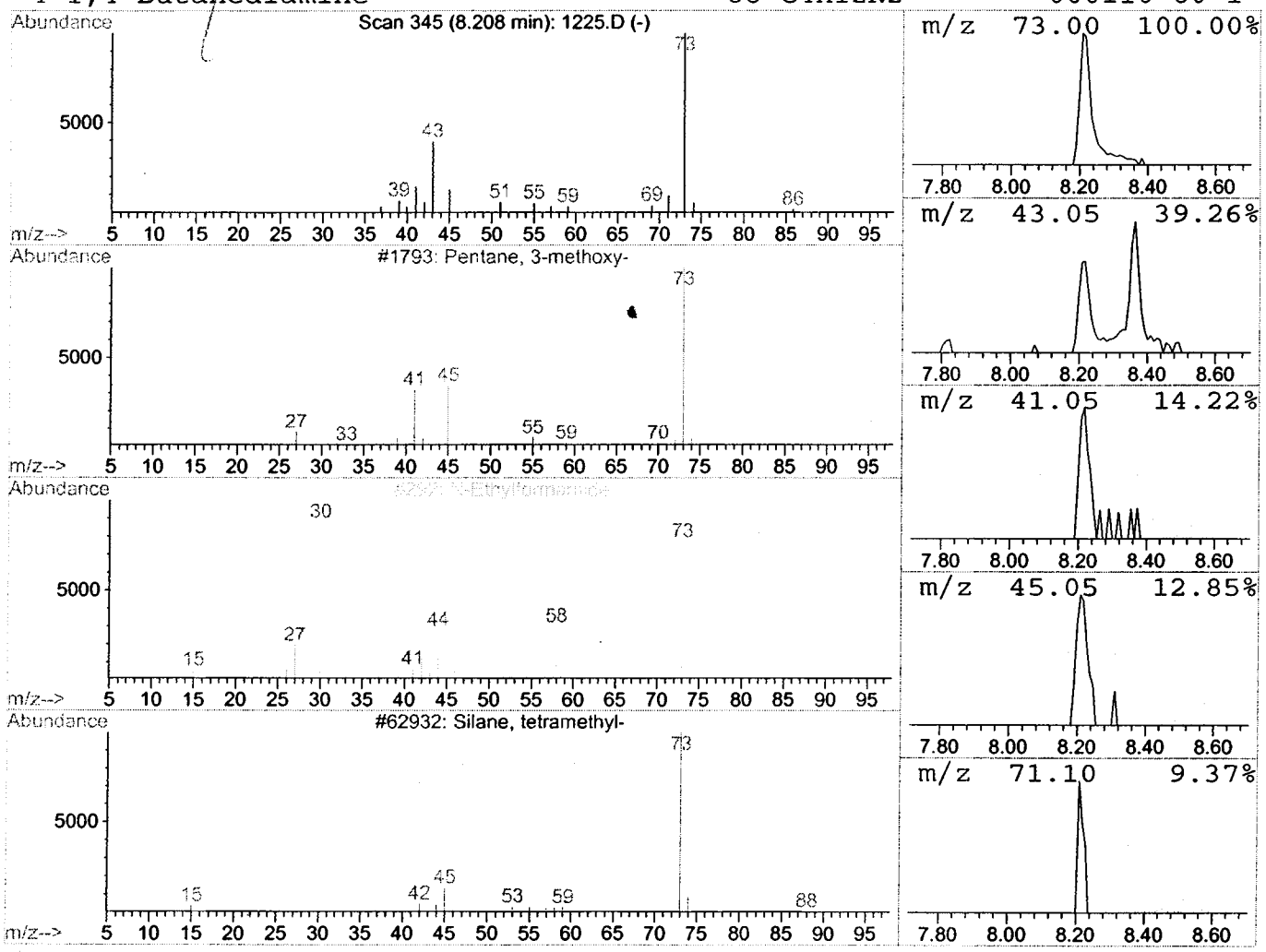

Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 6:36 pm
Data File: C:\HPCHEM\1\DATA\FEB1502\1225.D
Name: gc/ms scan 1/17
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
Pentane, 3-methoxy-	8.21	0.3	ug/l	23647	ISTD01	12.33	1694830	20.0

1225.D GCMS0208.M Wed Feb 20 14:30:51 2002