Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1502\1143.D Vial: 5
Acq On : 15 Feb 2002 7:23 pm Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 15:03 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 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	457715	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1720621	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	944160	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.74	188	1318897	20.00	ug/l	-0.03
38) Chrysene-d12	33.81	240	892492	20.00	ug/l	-0.04
44) Perylene-d12	38.09	264	603463	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	50373	3.66	ug/mL	0.32
Spiked Amount 5.000			Recovery = 73.20%			
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	1268	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	357	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	23.37	166	355	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 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	297	N.D.	
34)	Anthracene	25.81	178	297	N.D.	
35)	Di-n-butylphthalate	27.69	149	6088	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	33.81	228	2524	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	6325	N.D.	
43)	Chrysene	33.88	228	210	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	36.95	252	107	N.D.	
48)	Benzo(a)pyrene	38.09	252	2510	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

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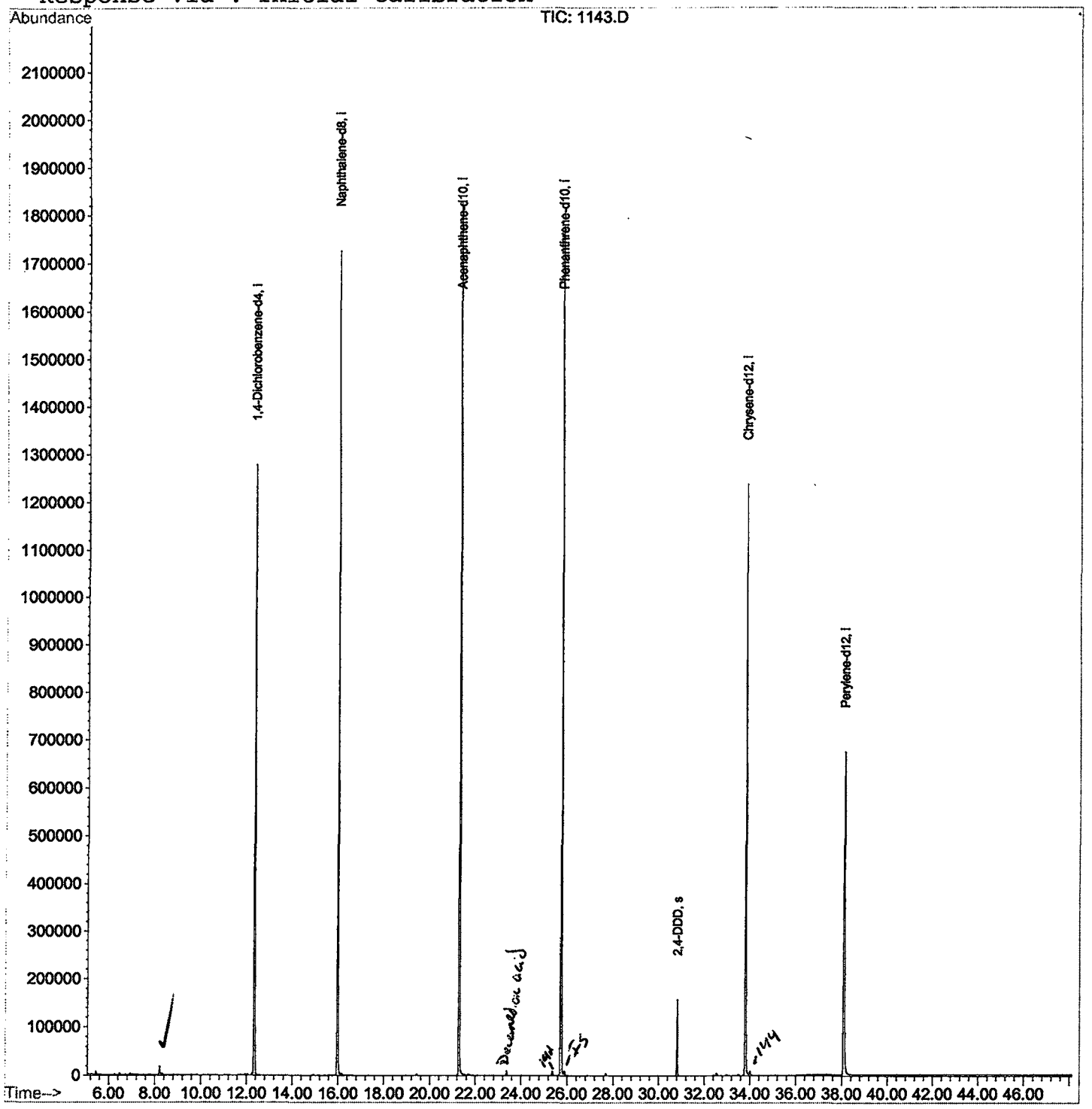
Acq On : 15 Feb 2002 7:23 pm Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 15:03 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1143.D Vial: 5
Acq On : 15 Feb 2002 7:23 pm Operator: 209 GALOS
Sample : gc/ms scan 1/16 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

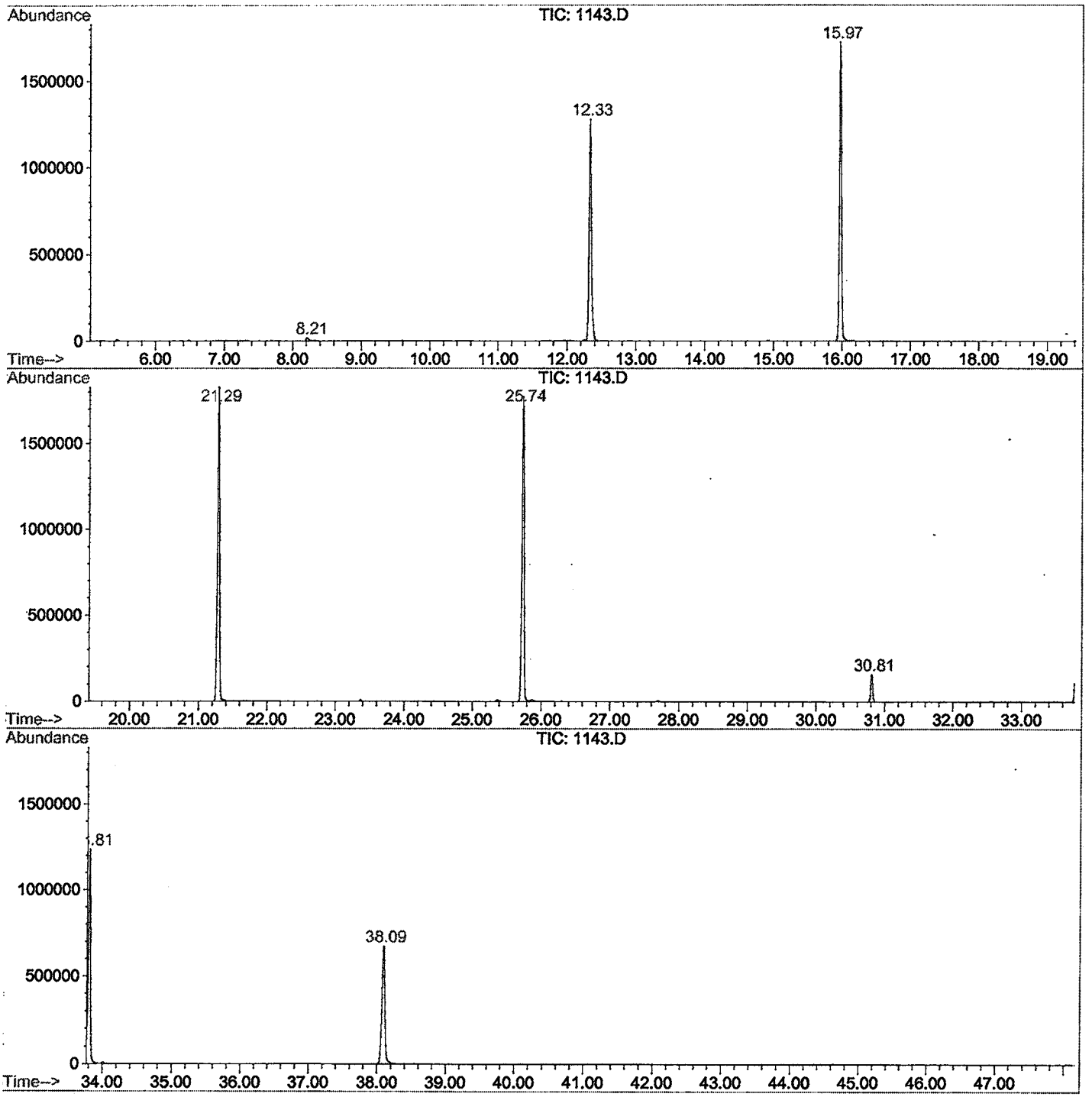
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.213	340	345	353	rBV	18081	41999	1.08%	0.219%
2	12.335	788	794	809	rVB	1277514	2905622	75.00%	15.131%
3	15.970	1183	1190	1208	rBV	1726230	3571110	92.18%	18.596%
4	21.286	1762	1769	1782	rBV	1829589	3874259	100.00%	20.175%
5	25.738	2246	2254	2263	rBV2	1773263	3668612	94.69%	19.104%
6	30.815	2801	2807	2812	rBV	156404	309532	7.99%	1.612%
7	33.808	3126	3133	3151	rBV	1236934	2734980	70.59%	14.242%
8	38.086	3590	3599	3622	rBV2	672966	2097203	54.13%	10.921%

Sum of corrected areas: 19203317

1143.D GCMS0208.M Mon Mar 04 15:11:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1143.D
Operator : 209 GALOS
Acquired : 15 Feb 2002 7:23 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/16
Misc Info :
Vial Number: 5
Quant File :GCMS0208.RES (RTE Integrator)



1143.D GCMS0208.M Mon Mar 04 15:11:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1143.D
Acq On : 15 Feb 2002 7:23 pm
Sample : gc/ms scan 1/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

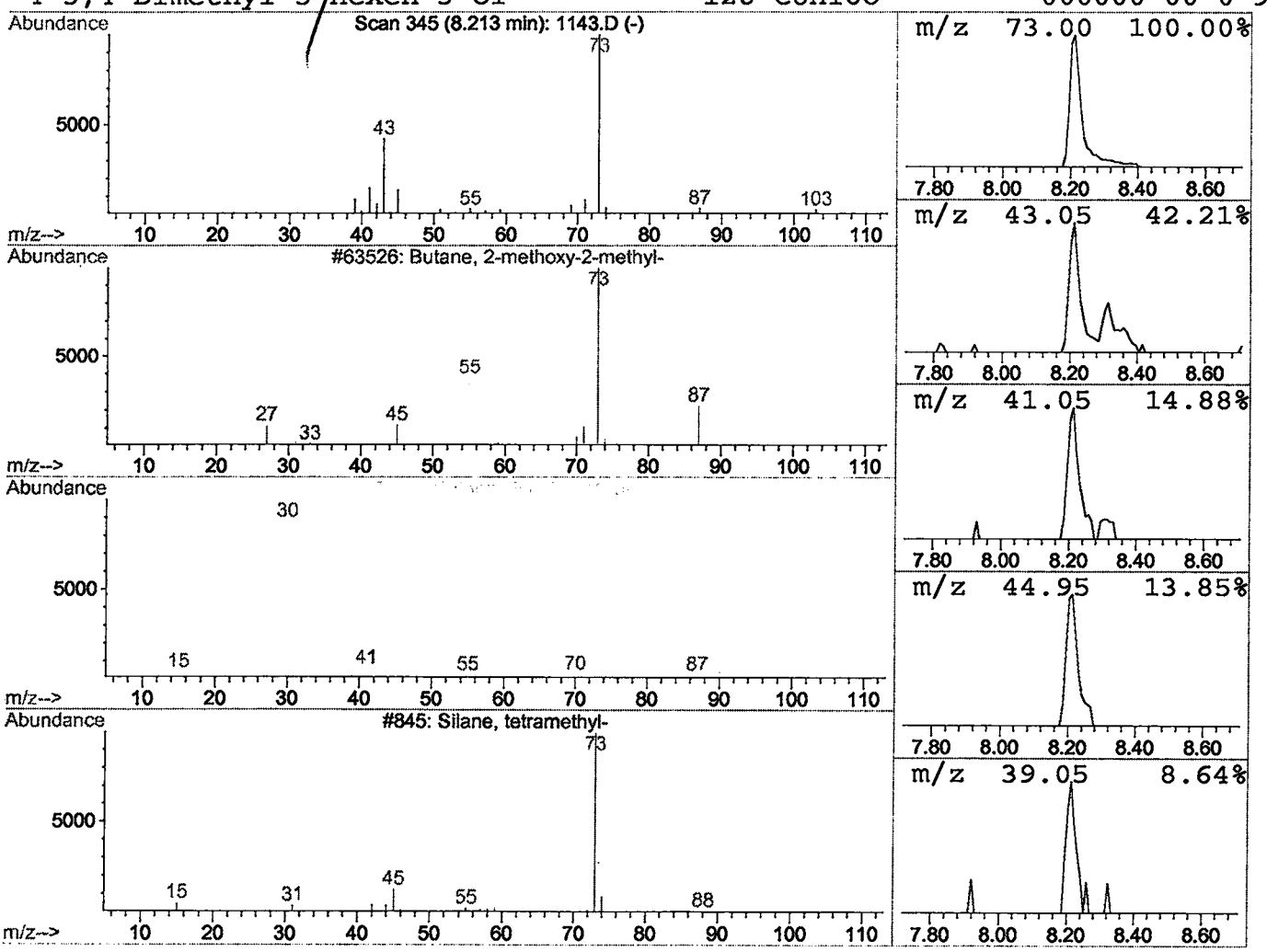
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.29 ug/l	41999	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Feb 2002 7:23 pm
Data File: C:\HPCHEM\1\DATA\FEB1502\1143.D
Name: gc/ms scan 1/16
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
Butane, 2-methoxy-2-	8.21	0.3	ug/l	41999	ISTD01	12.33	2905620	20.0

1143.D GCMS0208.M Mon Mar 04 15:11:19 2002