Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR03022\5844.D Vial: 18
Acq On : 4 Apr 2002 12:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:33 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.24	152	365789	20.00	ug/l	-0.02
10) Naphthalene-d8	15.89	136	1324278	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.18	164	741835	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1022098	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	477813	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	245835	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery = 0.00%			
38) 2,4-DDD	30.70	235	65570	6.66	ug/mL	0.20
Spiked Amount 5.000			Recovery = 133.20%			
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	15.94	128	4505	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.	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	22.68	149	591	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:33 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

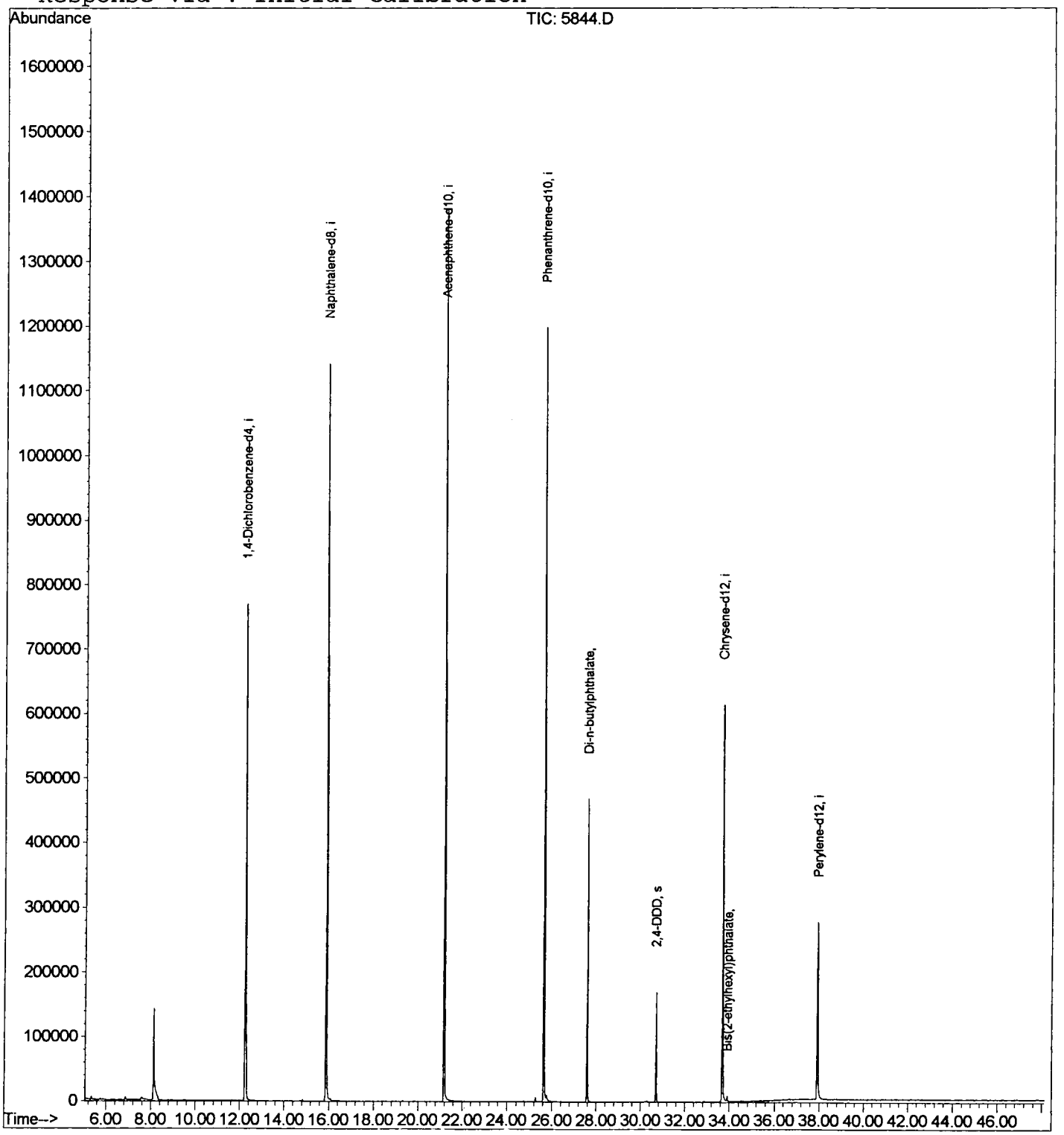
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.60	149	532871	25.44 ug/l	100
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	1084	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.91	149	5530	0.78 ug/l	97
44)	Chrysene	33.69	228	1084	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.74	252	376	N.D.	
48)	Benzo(k)fluoranthene	36.82	252	285	N.D.	
49)	Benzo(a)pyrene	37.93	252	1023	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR03022\5844.D Vial: 18
Acq On : 4 Apr 2002 12:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:33 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR03022\5844.D Vial: 18
Acq On : 4 Apr 2002 12:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

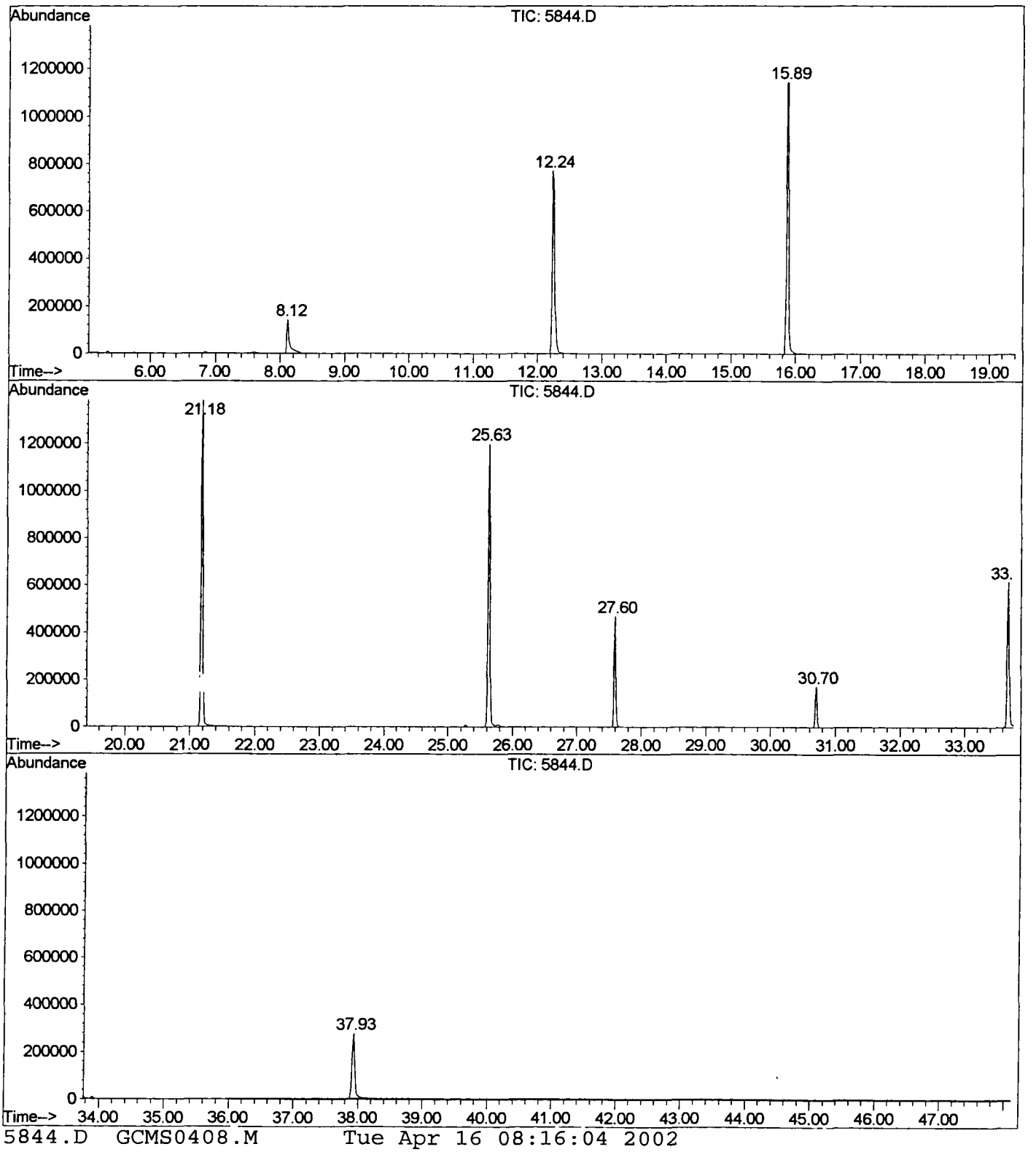
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.119	331	335	360	rBV	141527	421401	14.99%	3.068%
2	12.241	779	784	804	rBV	769303	1993504	70.89%	14.515%
3	15.885	1174	1181	1197	rBV	1142203	2511807	89.32%	18.289%
4	21.183	1752	1758	1768	rBV	1381727	2812075	100.00%	20.475%
5	25.626	2235	2242	2254	rBV2	1198645	2575602	91.59%	18.753%
6	27.600	2451	2457	2468	rBV	469178	883647	31.42%	6.434%
7	30.702	2790	2795	2802	rBV	170672	329853	11.73%	2.402%
8	33.686	3113	3120	3136	rBV	614643	1380086	49.08%	10.049%
9	37.927	3575	3582	3600	rBV2	274357	826262	29.38%	6.016%

Sum of corrected areas: 13734237

5844.D GCMS0408.M Tue Apr 16 08:16:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR03022\5844.D
Operator :
Acquired : 4 Apr 2002 12:25 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 18
Quant File :GCMS0408.RES (RTE Integrator)



5844.D GCMS0408.M Tue Apr 16 08:16:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR03022\5844.D
Acq On : 4 Apr 2002 12:25 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator:
Inst : GC/MS 209
Multiplr: 2.00

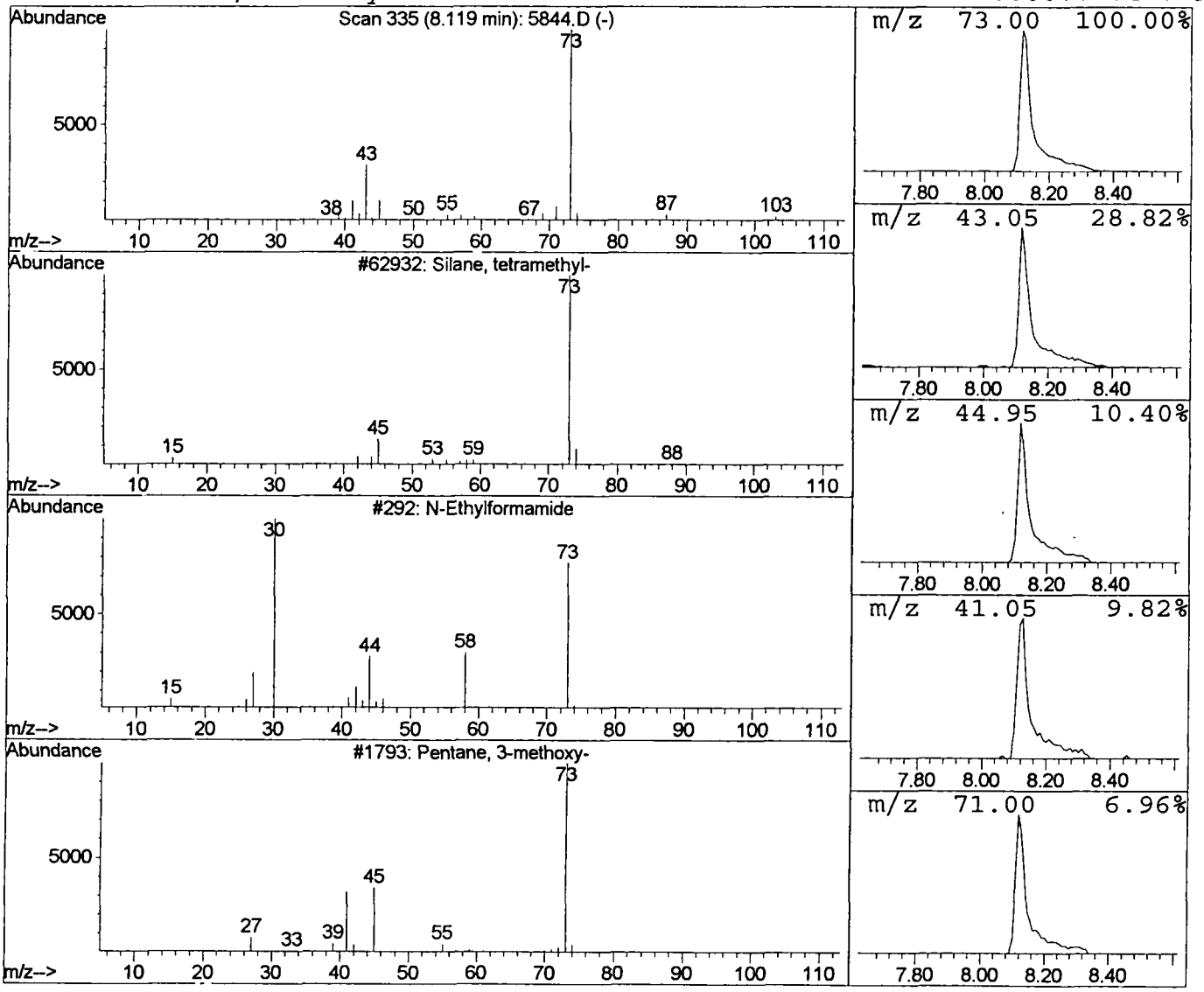
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	8.46 ug/l	421401	1,4-Dichlorobenzene-d4	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 12:25 pm
Data File: C:\HPCHEM\1\DATA\APR03022\5844.D
Name: gc/ms scan 3/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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
Silane, tetramethyl-	8.12	8.5	ug/l	421401	ISTD01	12.24	1993500	20.0

5844.D GCMS0408.M Tue Apr 16 08:16:05 2002