Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7001.D Vial: 19
Acq On : 19 Apr 2002 5:32 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 15:02 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	655074	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2411112	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1354609	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1961836	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1274965	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	827814	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	34050	3.02	ug/L	-0.04
Spiked Amount 4.000			Recovery = 75.50%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	15.90	128	527	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	20.50	163	118	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.68	152	175	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.42	165	506	N.D.		
25) Diethylphthalate	22.62	149	1253	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.75	166	180	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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Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

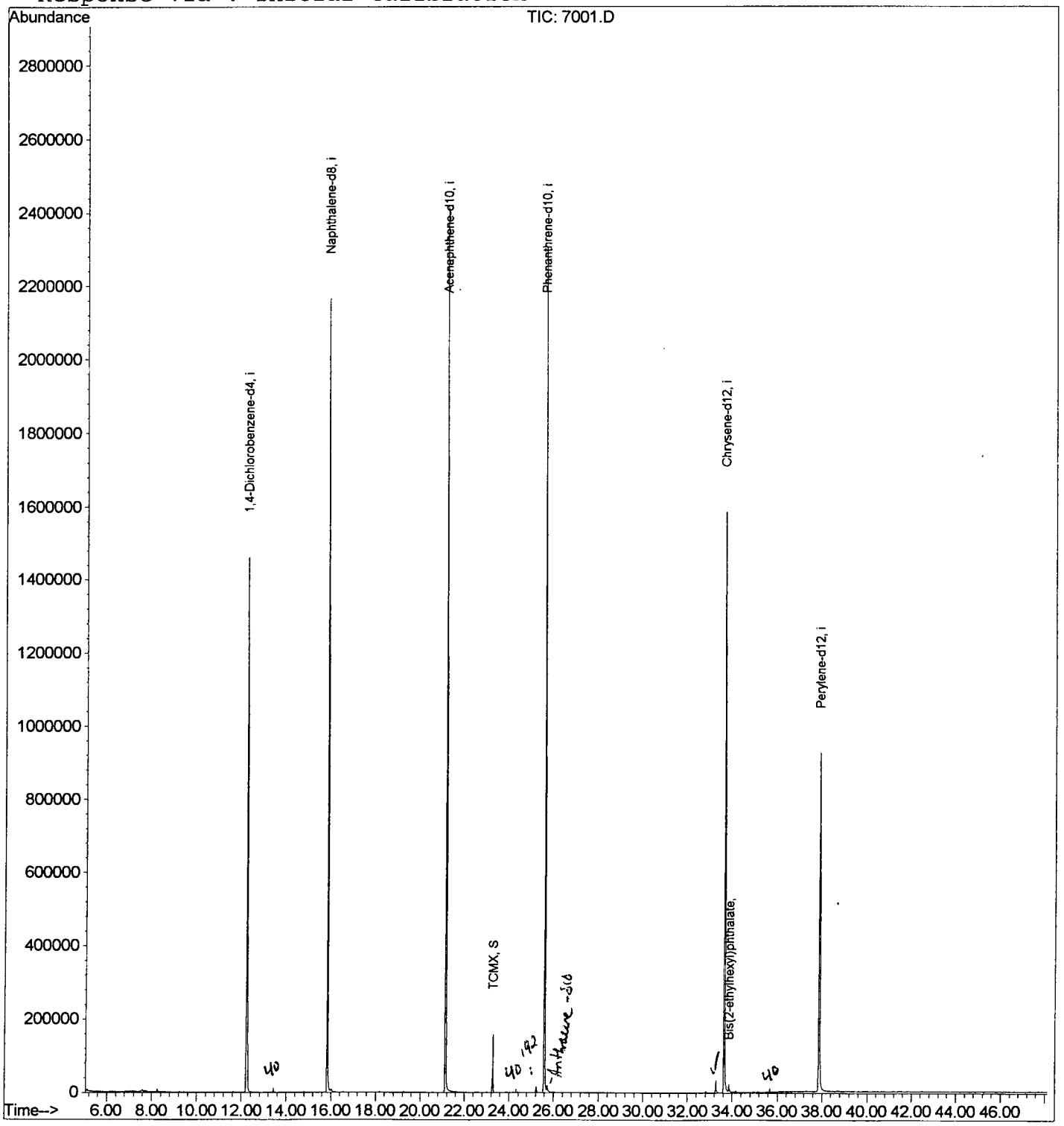
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.65	178	559	N.D.	
35)	Anthracene	25.78	178	226	N.D.	
36)	Di-n-butylphthalate	27.55	149	2882	N.D.	
37)	Fluoranthene	29.26	202	308	N.D.	
40)	Pyrene	29.96	202	425	N.D.	
41)	Butylbenzylphthalate	32.07	149	190	N.D.	
42)	Benzo(a)anthracene	33.64	228	4262	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	13612	0.42 ug/l #	97
44)	Chrysene	33.70	228	1786	N.D.	
46)	Di-n-Octylphthalate	35.60	149	190	N.D.	
47)	Benzo(b)fluoranthene	36.68	252	876	N.D.	
48)	Benzo(k)fluoranthene	36.75	252	833	N.D.	
49)	Benzo(a)pyrene	37.66	252	189	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\APR1802\7001.D Vial: 19
Acq On : 19 Apr 2002 5:32 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 15:02 2002 Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7001.D Vial: 19
Acq On : 19 Apr 2002 5:32 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

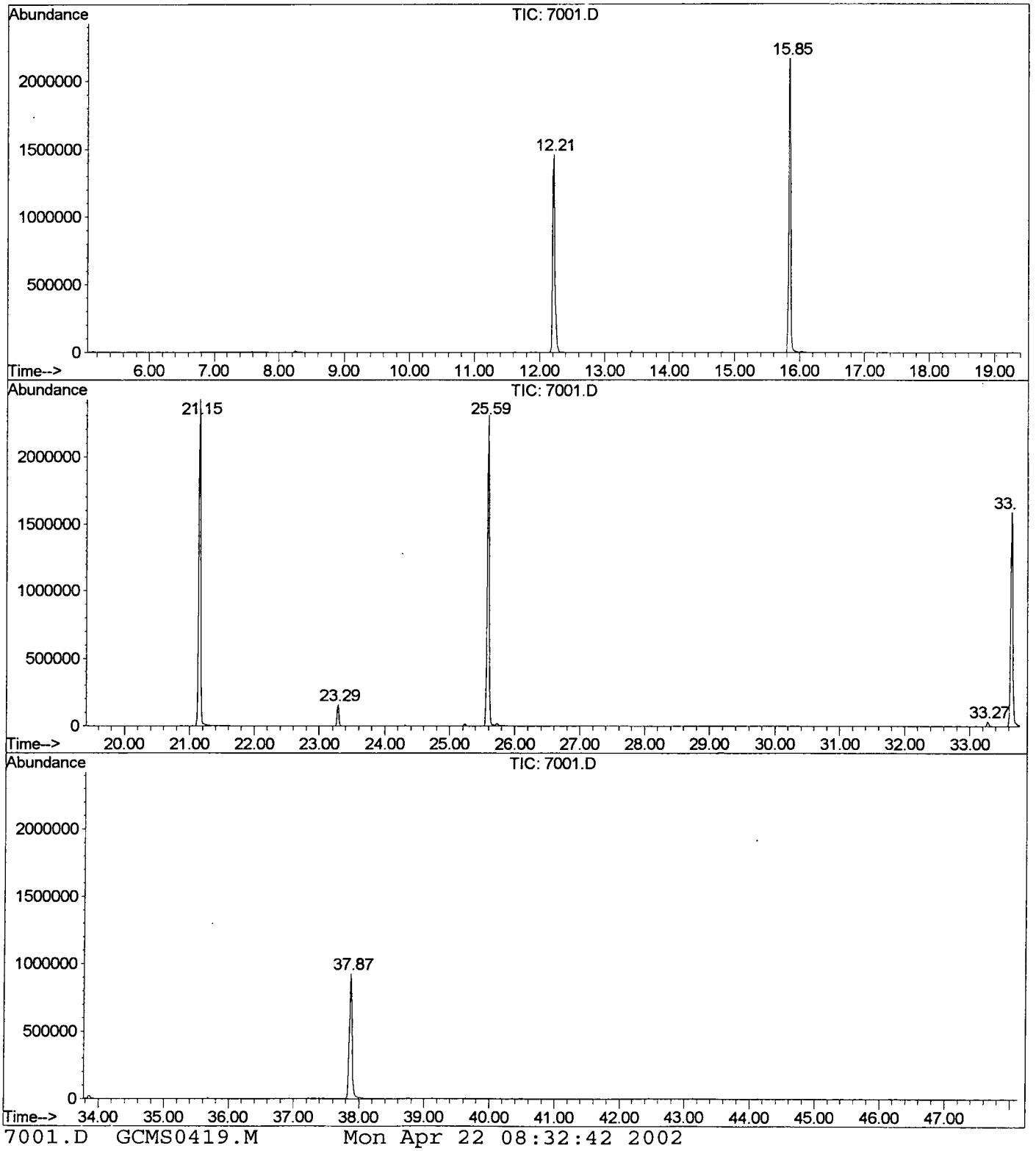
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.214	775	781	800	rVB	1460253	3497695	68.38%	14.060%
2	15.849	1171	1177	1193	rBV	2165101	4525908	88.48%	18.193%
3	21.146	1748	1754	1772	rBV	2422188	5115375	100.00%	20.563%
4	23.285	1979	1987	1993	rBV	158464	306573	5.99%	1.232%
5	25.590	2231	2238	2249	rBV2	2305192	4904600	95.88%	19.716%
6	33.273	3071	3075	3084	rBV	33960	69063	1.35%	0.278%
7	33.641	3108	3115	3135	rBV2	1586011	3682801	71.99%	14.804%
8	37.873	3568	3576	3589	rBV2	922795	2774643	54.24%	11.154%

Sum of corrected areas: 24876658

7001.D GCMS0419.M Mon Apr 22 08:32:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7001.D
Operator :
Acquired : 19 Apr 2002 5:32 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: GC/MS SCAN 3/26
Misc Info :
Vial Number: 19
Quant File :GCMS0419.RES (RTE Integrator)



7001.D GCMS0419.M Mon Apr 22 08:32:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7001.D Vial: 19
Acq On : 19 Apr 2002 5:32 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

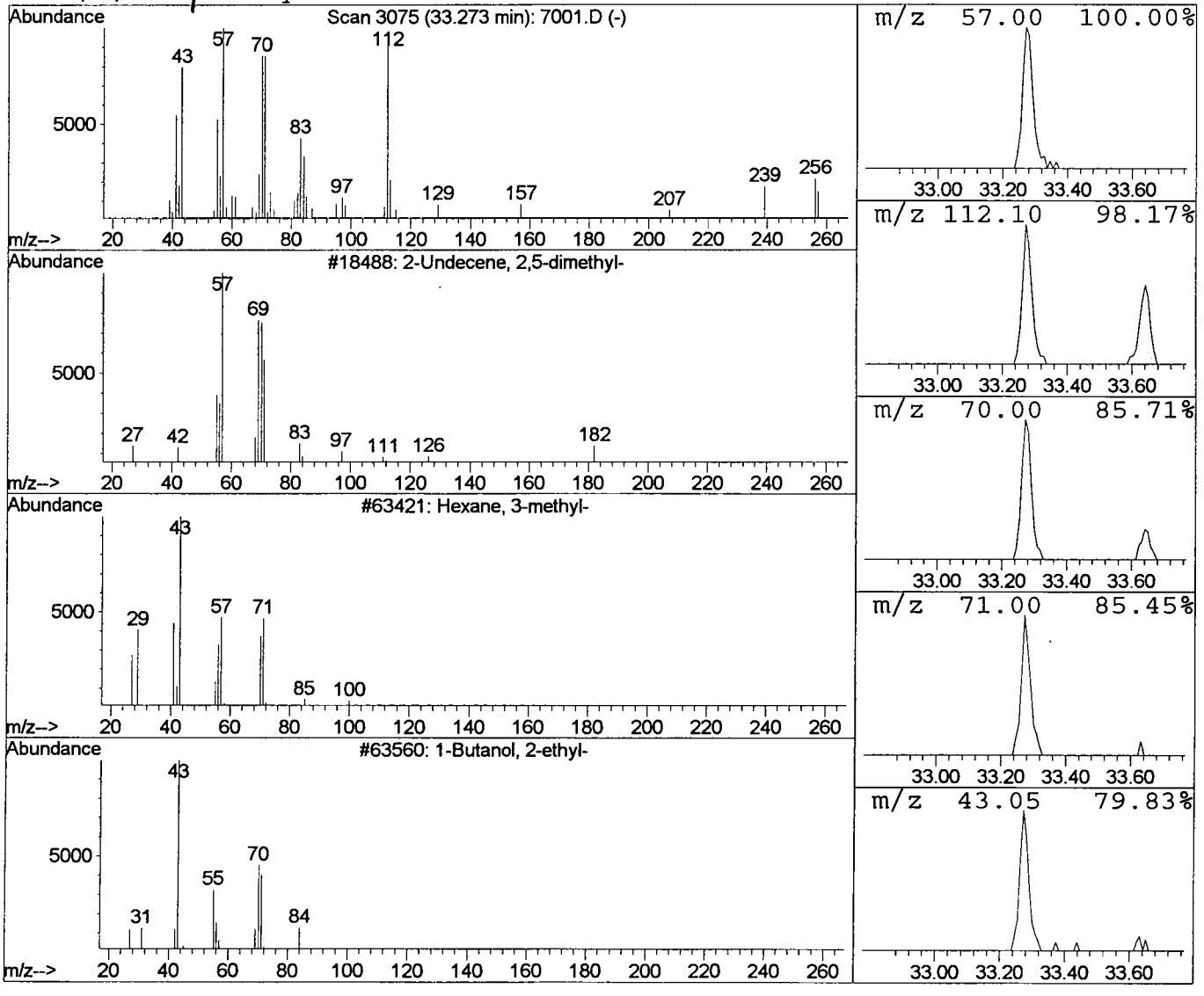
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Undecene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.27	0.38 ug/l	69063	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	32
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	27
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	25
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	22



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 19 Apr 2002 5:32 am
Data File: C:\HPCHEM\1\DATA\APR1802\7001.D
Name: GC/MS SCAN 3/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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
~~2-Undecene, 2,5-dime~~	33.27	0.4	ug/l	69063	ISTD05	33.64	3682800	20.0

7001.D GCMS0419.M Mon Apr 22 08:32:43 2002