User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 15:40:59

Sample: AE07488
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 15:40 Ended: 4/23/02 15:40 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		118		10.0

Comments for Sample AE07488 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 15:41:24

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\APR1802\7488.D Vial: 21
Acq On : 20 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:29 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	513162	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1852759	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1055007	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1531798	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1028881	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	685451	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	41362	4.70	ug/L	-0.04
Spiked Amount 4.000			Recovery = 117.50%			
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	5.47	74	450	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	15.89	128	354	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	22.63	149	3105	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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DataAcq Meth : GCMS0412

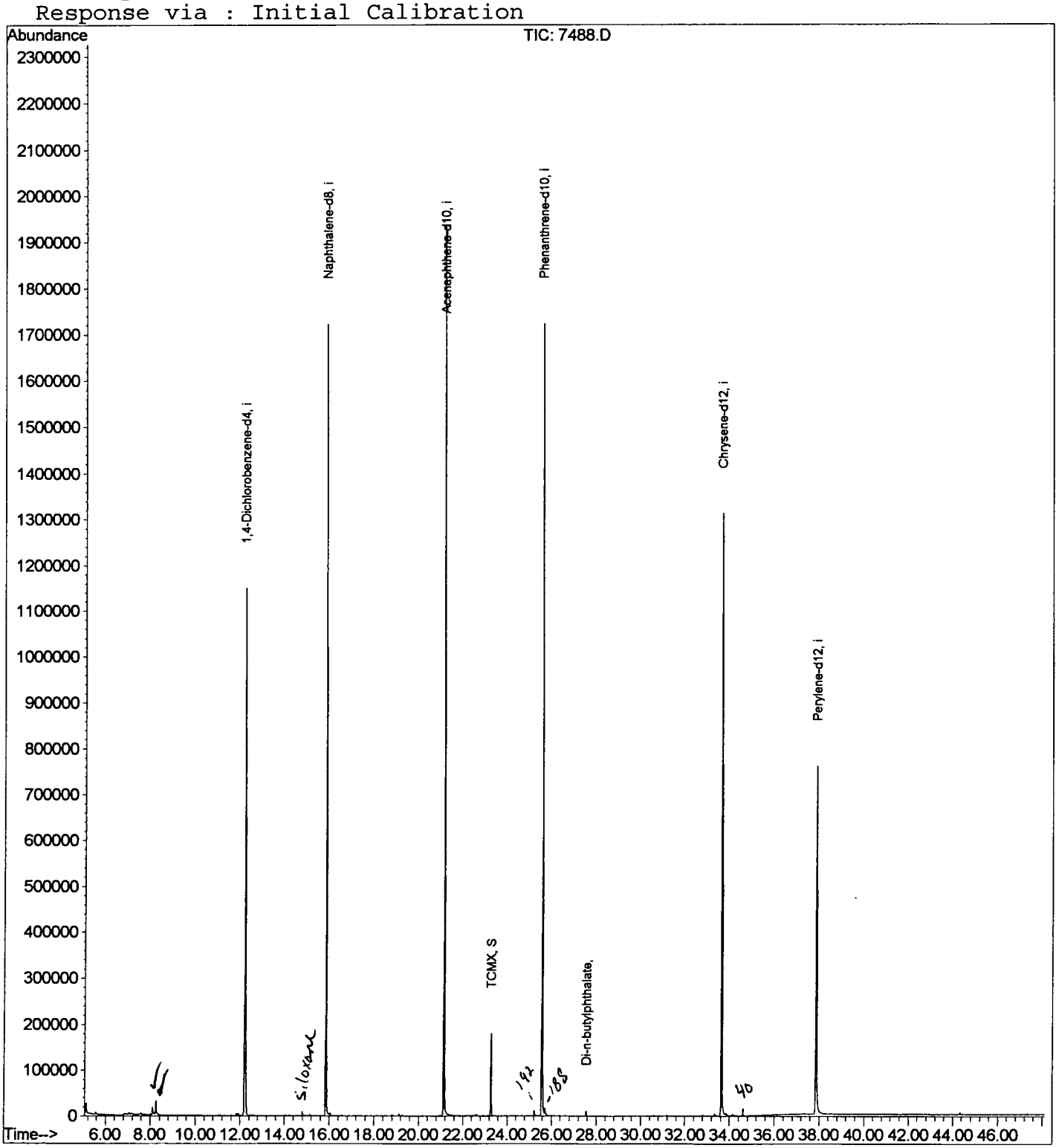
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	443	N.D.	
35) Anthracene	25.59	178	443	N.D.	
36) Di-n-butylphthalate	27.56	149	13884	0.28 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	2468	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	3330	N.D.	
44) Chrysene	33.65	228	2468	N.D.	
46) Di-n-Octylphthalate	36.05	149	448	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.88	252	2645	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\7488.D Vial: 21
Acq On : 20 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:29 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\7488.D Vial: 21
Acq On : 20 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/1 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

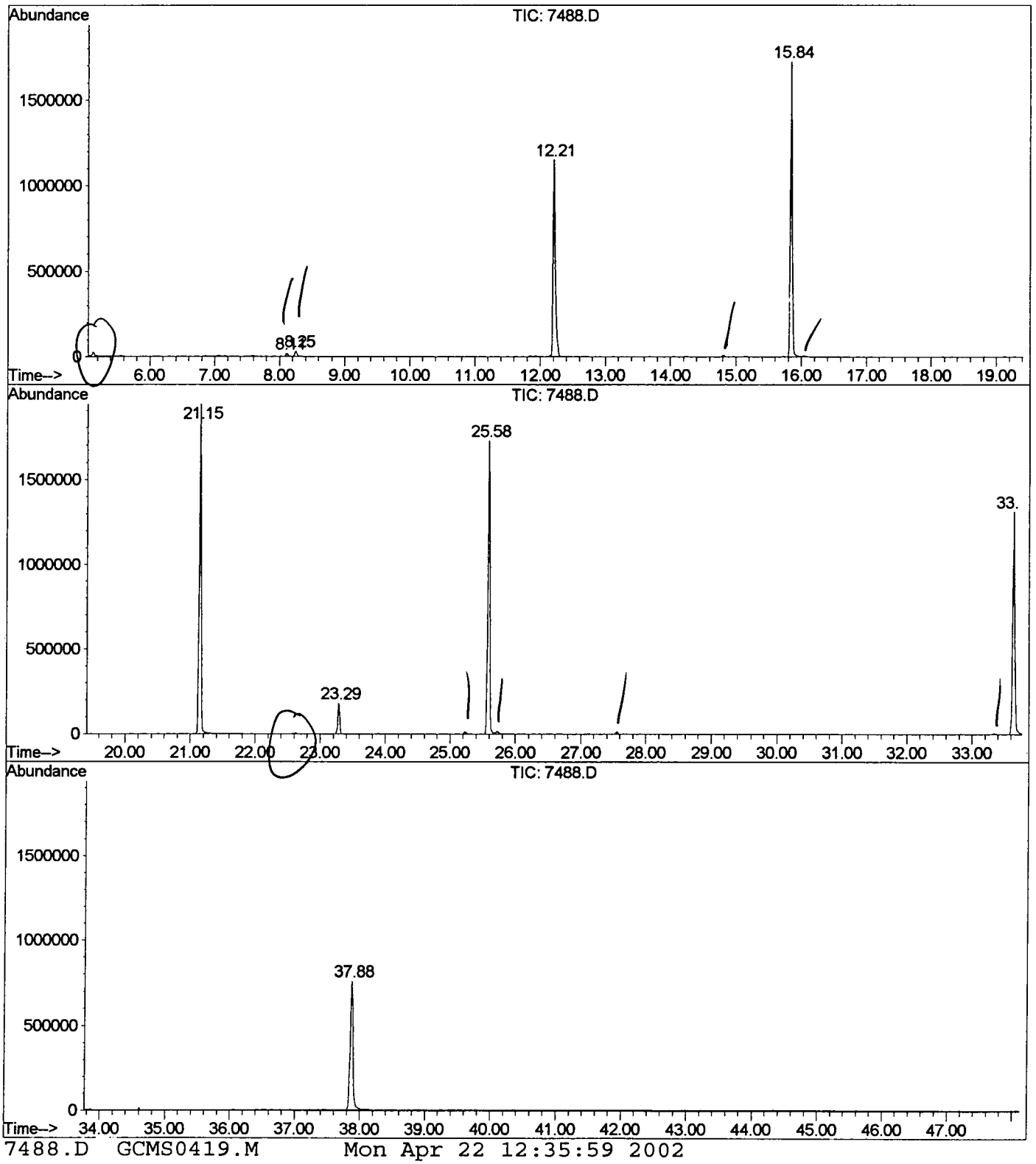
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.114	329	334	341	rBV	18025	43260	1.09%	0.219%
2	8.252	343	349	357	rVV	30615	65621	1.65%	0.332%
3	12.208	775	780	795	rVB	1149299	2731187	68.61%	13.827%
4	15.844	1170	1176	1193	rBV	1722934	3477889	87.37%	17.607%
5	21.150	1747	1754	1767	rBV	1938700	3980707	100.00%	20.153%
6	23.289	1980	1987	1992	rBV	180715	369719	9.29%	1.872%
7	25.584	2231	2237	2249	rBV2	1722422	3835121	96.34%	19.416%
8	33.644	3108	3115	3134	rBV2	1313012	2940754	73.88%	14.888%
9	37.876	3567	3576	3595	rBV2	757921	2308367	57.99%	11.686%

Sum of corrected areas: 19752625

7488.D GCMS0419.M Mon Apr 22 12:35:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7488.D
Operator :
Acquired : 20 Apr 2002 1:04 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1
Misc Info :
Vial Number: 21
Quant File :GCMS0419.RES (RTE Integrator)



7488.D GCMS0419.M Mon Apr 22 12:35:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7488.D Vial: 21
Acq On : 20 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

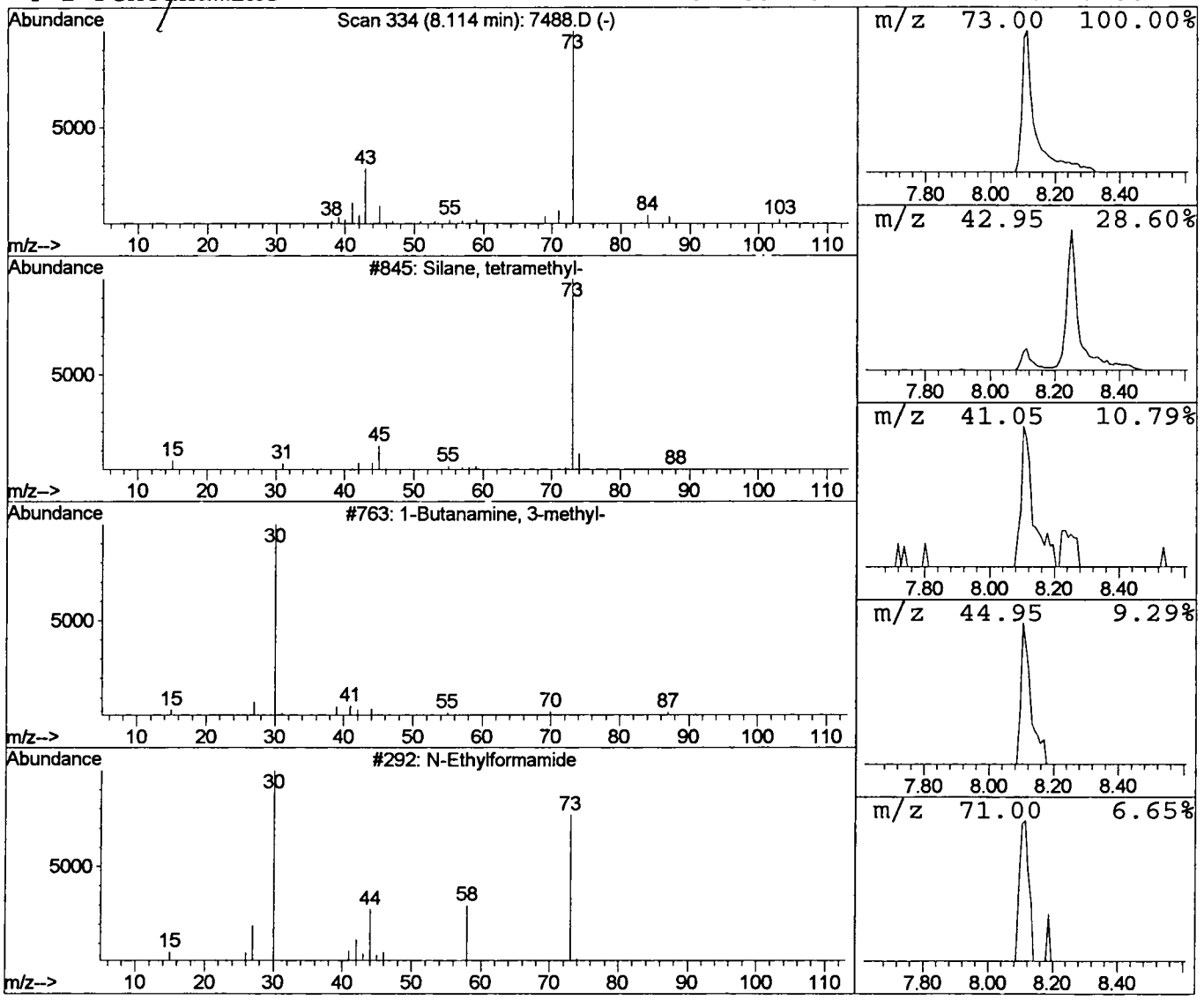
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.32 ug/l	43260	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	1-Pentanamine	87	C5H13N	000110-58-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7488.D Vial: 21
Acq On : 20 Apr 2002 1:04 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

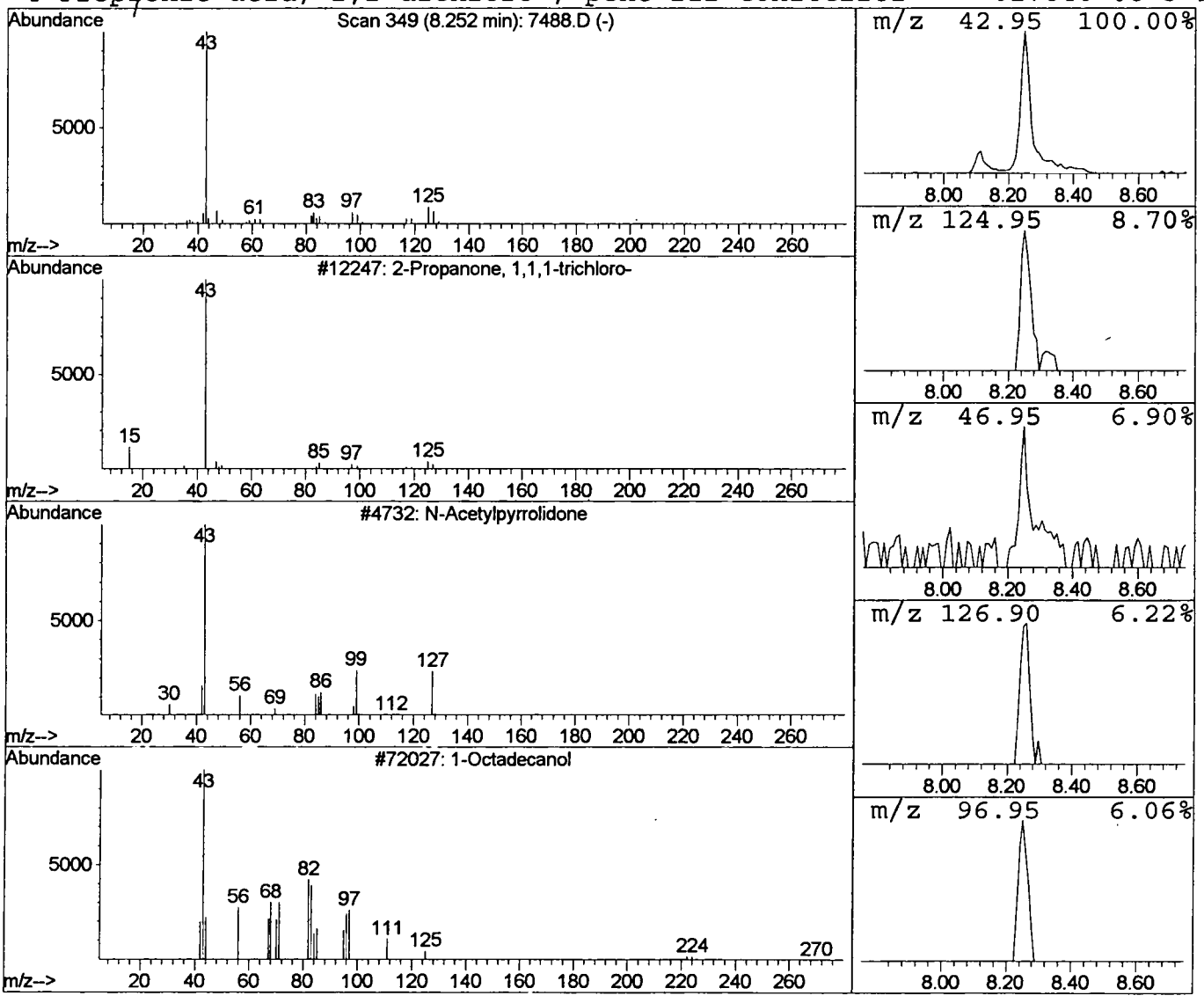
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.48 ug/l	65621	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	56
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	1-Octadecanol	270	C18H38O	000112-92-5	9
4	Propionic acid, 2,2-dichloro-, pent	212	C8H14Cl2O2	017640-08-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 1:04 pm
Data File: C:\HPCHEM\1\DATA\APR1802\7488.D
Name: gc/ms scan 4/1
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
Silane, tetramethyl-	8.11	0.3	ug/l	43260	ISTD01	12.21	2731190	20.0
2-Propanone, 1,1,1-t	8.25	0.5	ug/l	65621	ISTD01	12.21	2731190	20.0

7488.D GCMS0419.M Mon Apr 22 12:36:01 2002