User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:03:21

Sample: AE05848
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 14:02 Ended: 4/17/02 14:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AE05848 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-17-2002 Time: 14:03:46

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0402\5848.D Vial: 22
Acq On : 4 Apr 2002 6:47 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 15:39 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	332466	20.00	ug/l	-0.02
10) Naphthalene-d8	15.89	136	1209943	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.18	164	685988	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	934001	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	440184	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	237887	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	71115	~~7.90~~ 3.78	ug/mL	0.20
Spiked Amount 5.000			Recovery	~~158.00%~~ 76.0%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.43	74	514	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	15.93	128	325	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	22.67	149	918	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0402\5848.D Vial: 22
Acq On : 4 Apr 2002 6:47 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 15:39 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

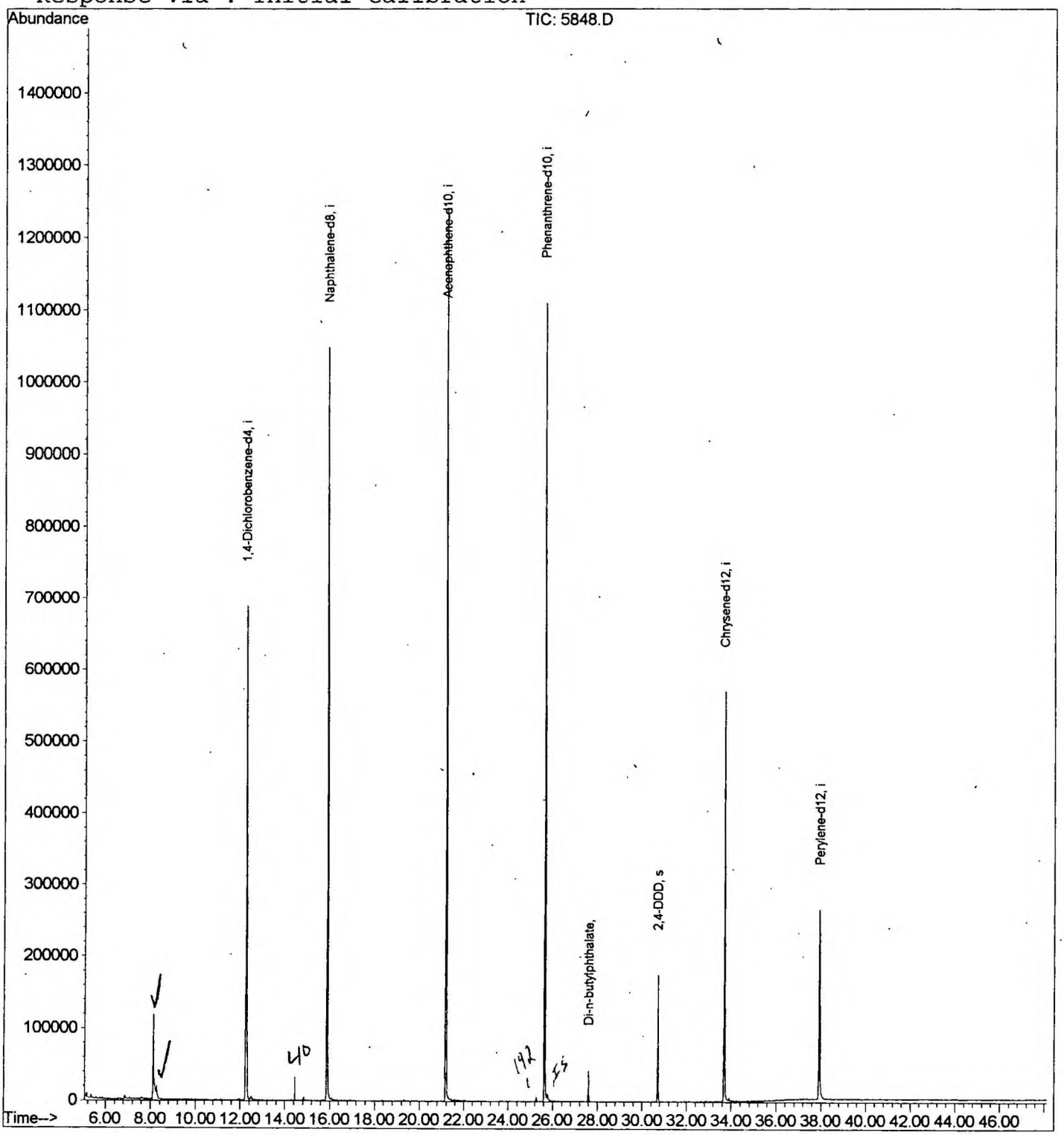
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.60	149	49674	2.59 ug/l	99
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	883	N.D.	
43)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
44)	Chrysene	33.69	228	883	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	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	37.92	252	812	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\APR0402\5848.D Vial: 22
Acq On : 4 Apr 2002 6:47 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 15:39 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\APR0402\5848.D Vial: 22
Acq On : 4 Apr 2002 6:47 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

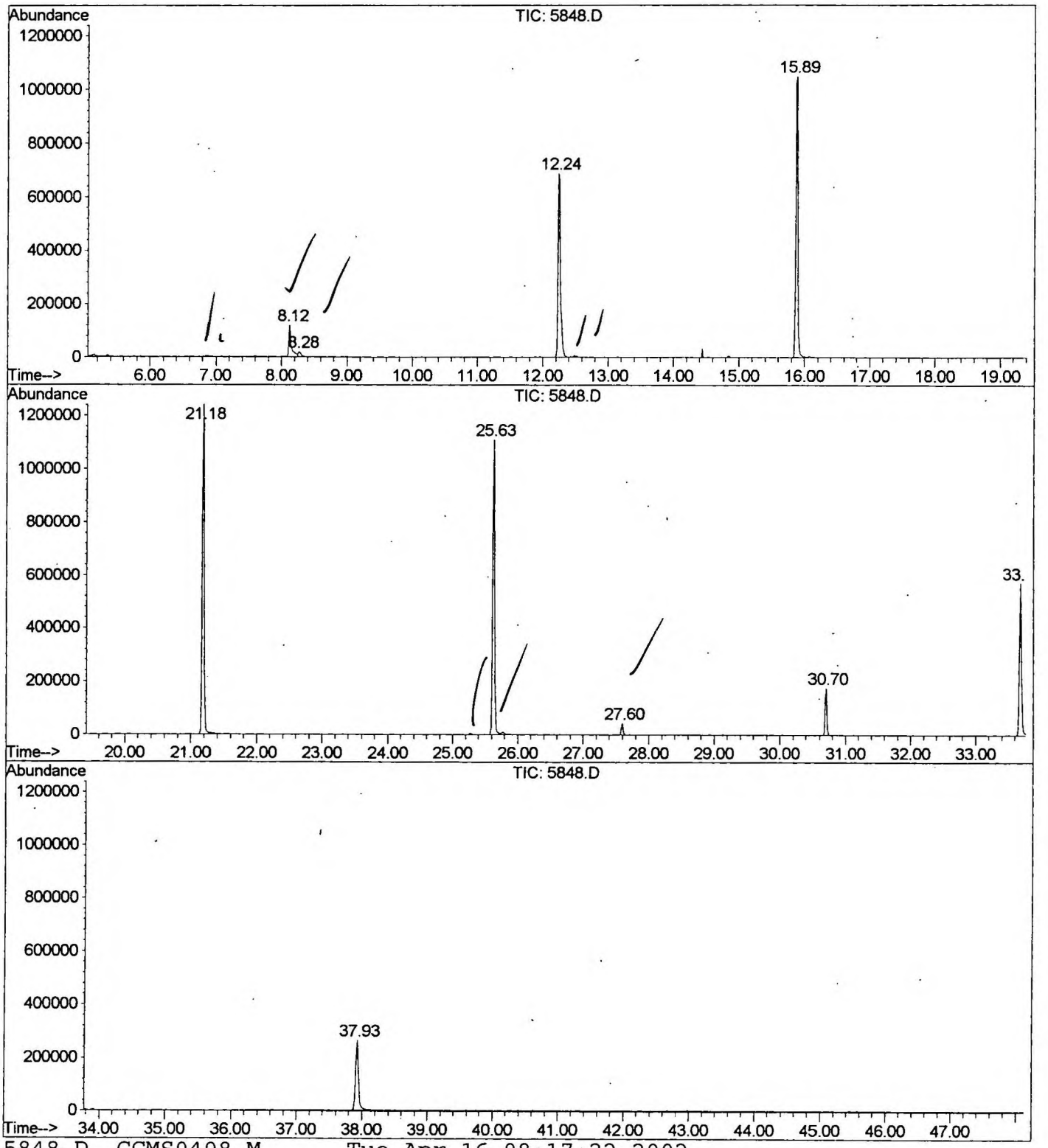
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.119	331	335	349	rBV	117807	338609	13.12%	2.848%
2	8.275	349	352	361	rVB2	17697	49615	1.92%	0.417%
3	12.241	779	784	802	rVB	687436	1791773	69.44%	15.070%
4	15.886	1175	1181	1198	rBV	1047368	2279584	88.34%	19.173%
5	21.183	1752	1758	1768	rBV	1241101	2580443	100.00%	21.703%
6	25.626	2236	2242	2252	rBV2	1110251	2353167	91.19%	19.791%
7	27.600	2451	2457	2461	rBV	42360	80434	3.12%	0.676%
8	30.703	2790	2795	2802	rBV	175419	347718	13.48%	2.924%
9	33.686	3113	3120	3139	rBV	570170	1269366	49.19%	10.676%
10	37.928	3575	3582	3600	rBV	262644	799136	30.97%	6.721%

Sum of corrected areas: 11889845

5848.D GCMS0408.M Tue Apr 16 08:17:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0402\5848.D
Operator :
Acquired : 4 Apr 2002 6:47 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 22
Quant File :GCMS0408.RES (RTE Integrator)



5848.D GCMS0408.M Tue Apr 16 08:17:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5848.D
Acq On : 4 Apr 2002 6:47 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator:
Inst : GC/MS 209
Multiplr: 2.00

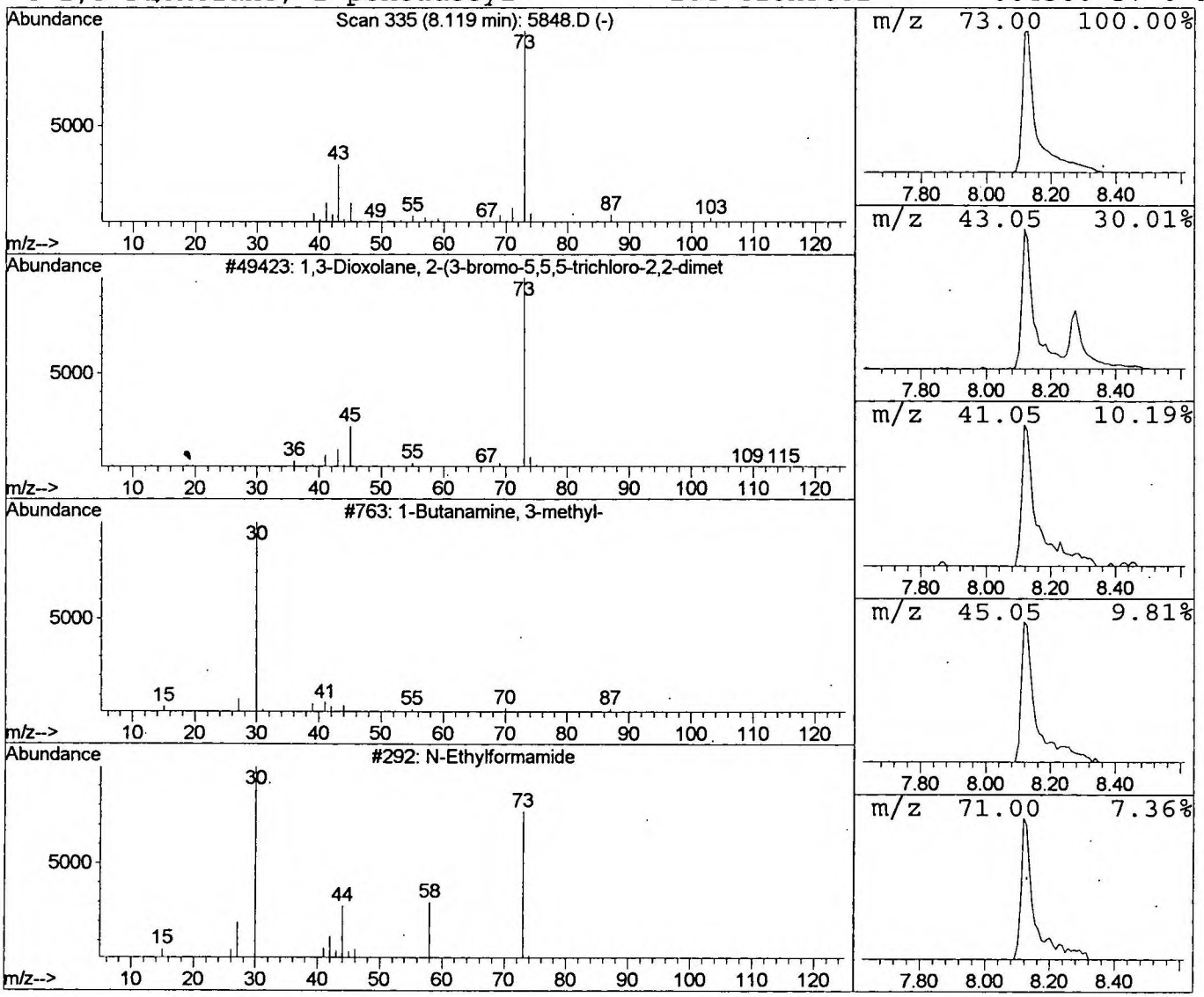
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.56 ug/l	338609	1,4-Dichlorobenzene-d4	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5848.D
Acq On : 4 Apr 2002 6:47 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator:
Inst : GC/MS 209
Multiplr: 2.00

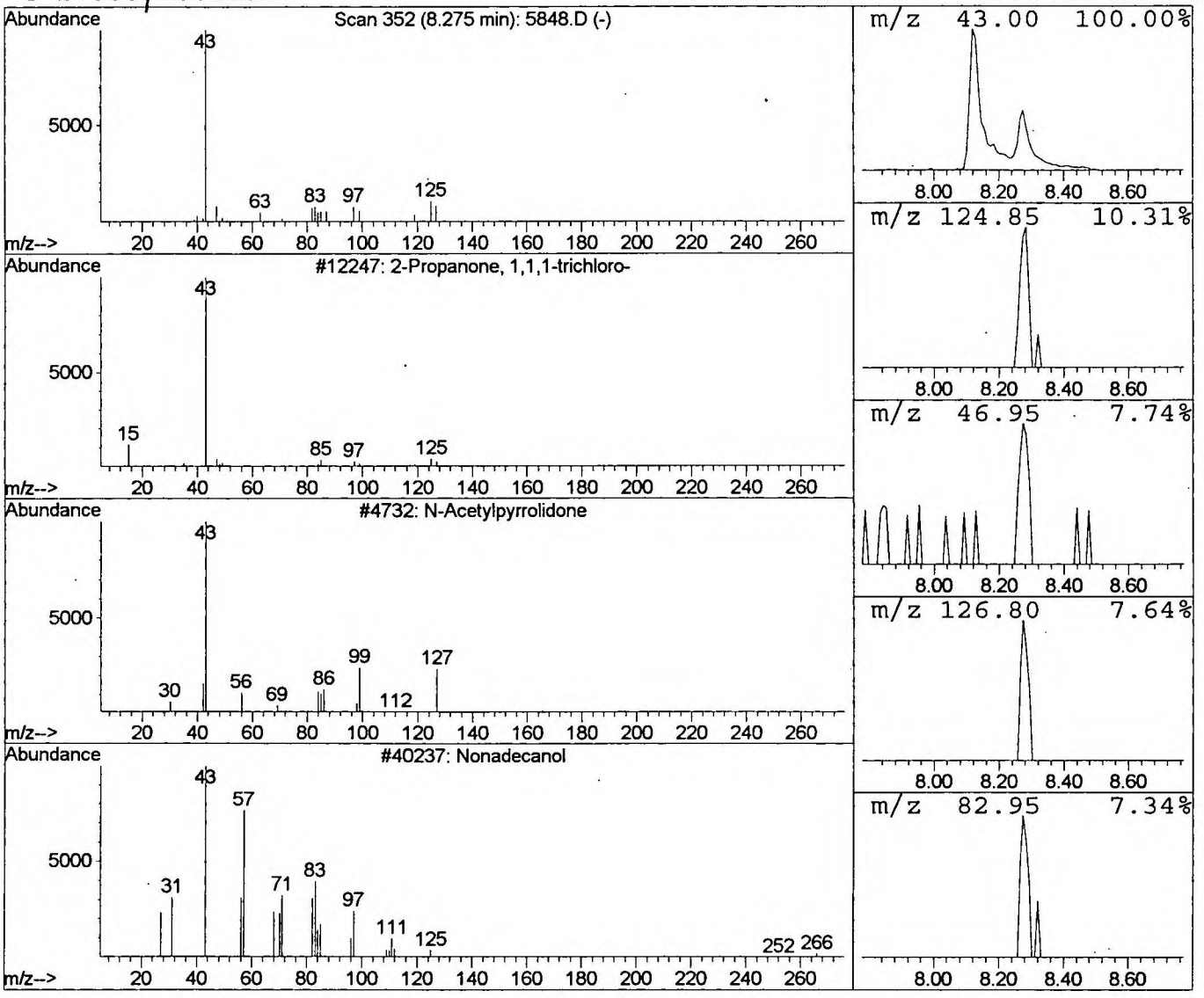
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	1.11 ug/l	49615	1,4-Dichlorobenzene-d4	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
3	Nonadecanol	284	C19H40O	052783-43-4	4
4	1-Octadecanol	270	C18H38O	000112-92-5	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 6:47 pm
Data File: C:\HPCHEM\1\DATA\APR0402\5848.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
1,3-Dioxolane, 2-(3-	8.12	7.6	ug/l	338609	ISTD01	12.24	1791770	20.0
2-Propanone, 1,1,1-t	8.28	1.1	ug/l	49615	ISTD01	12.24	1791770	20.0

5848.D GCMS0408.M Tue Apr 16 08:17:24 2002