User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:35:25

Sample: AE00102
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:34 Ended: 2/13/02 07:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AE00102 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 07:35:29

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\JAN2402\102.D Vial: 9
Acq On : 24 Jan 2002 8:55 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:33 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.49	152	903420	20.00	ug/l	-0.04
10) Naphthalene-d8	15.08	136	3500798	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.35	164	1744514	20.00	ug/l	-0.04
29) Phenanthrene-d10	24.75	188	2460736	20.00	ug/l	-0.05
38) Chrysene-d12	32.79	240	1422009	20.00	ug/l	-0.05
44) Perylene-d12	36.84	264	939240	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	29.83	235	132090	4.68	ug/mL	-0.24
Spiked Amount 5.000			Recovery = 93.60%			
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	15.14	128	665	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	20.78	165	107	N.D.		
25) Diethylphthalate	21.87	149	1123	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 24 Jan 2002 8:55 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/3 Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.75	178	1050	N.D.	
34)	Anthracene	24.75	178	1050	N.D.	
35)	Di-n-butylphthalate	26.78	149	3609	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	32.78	228	3684	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.09	149	3959	N.D.	
43)	Chrysene	32.78	228	3684	N.D.	
45)	Di-n-Octylphthalate	34.81	149	191	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.84	252	3995	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

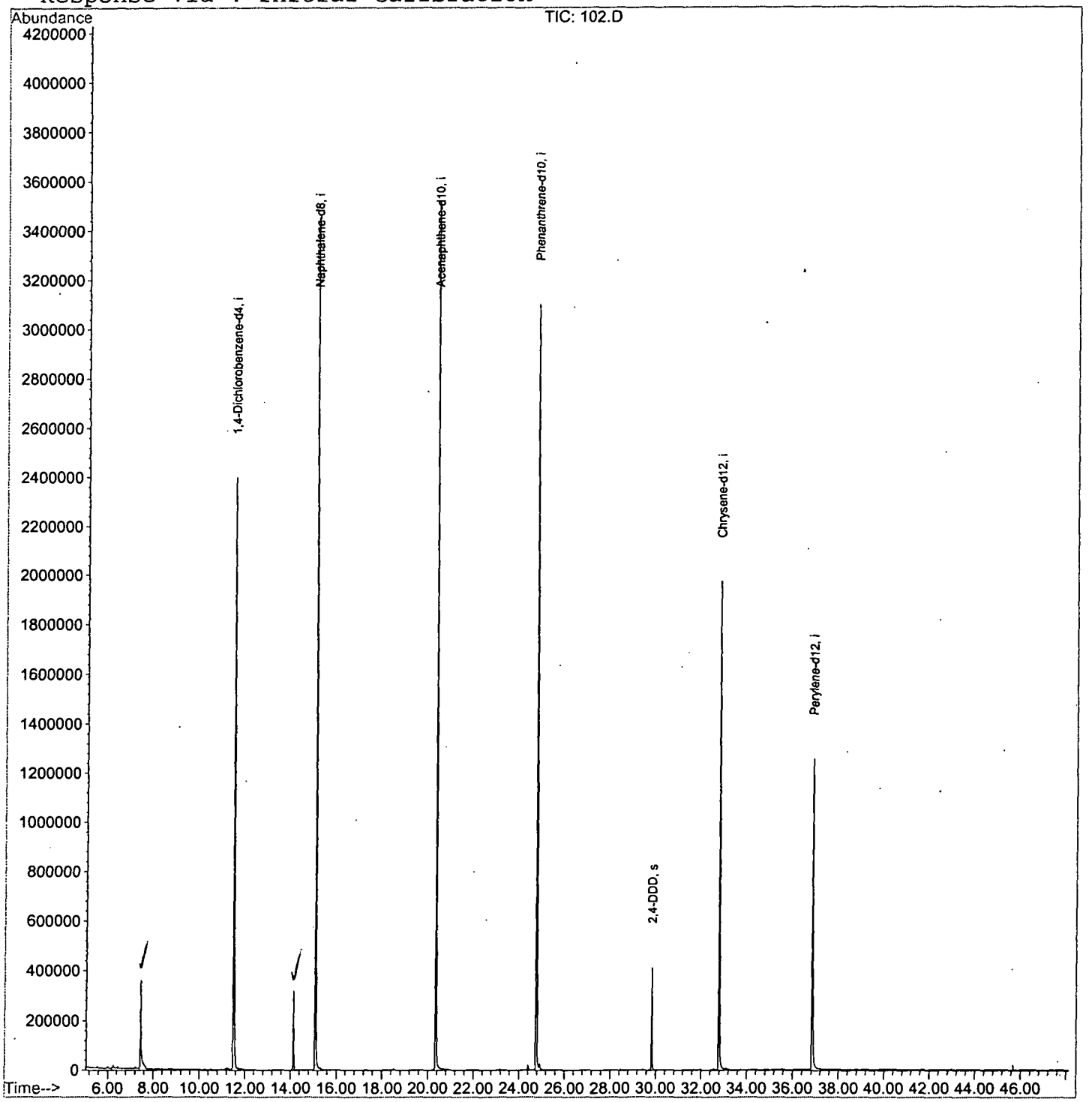
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2402\102.D
Acq On : 24 Jan 2002 8:55 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:33 2002

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN2402\102.D Vial: 9
Acq On : 24 Jan 2002 8:55 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/3 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

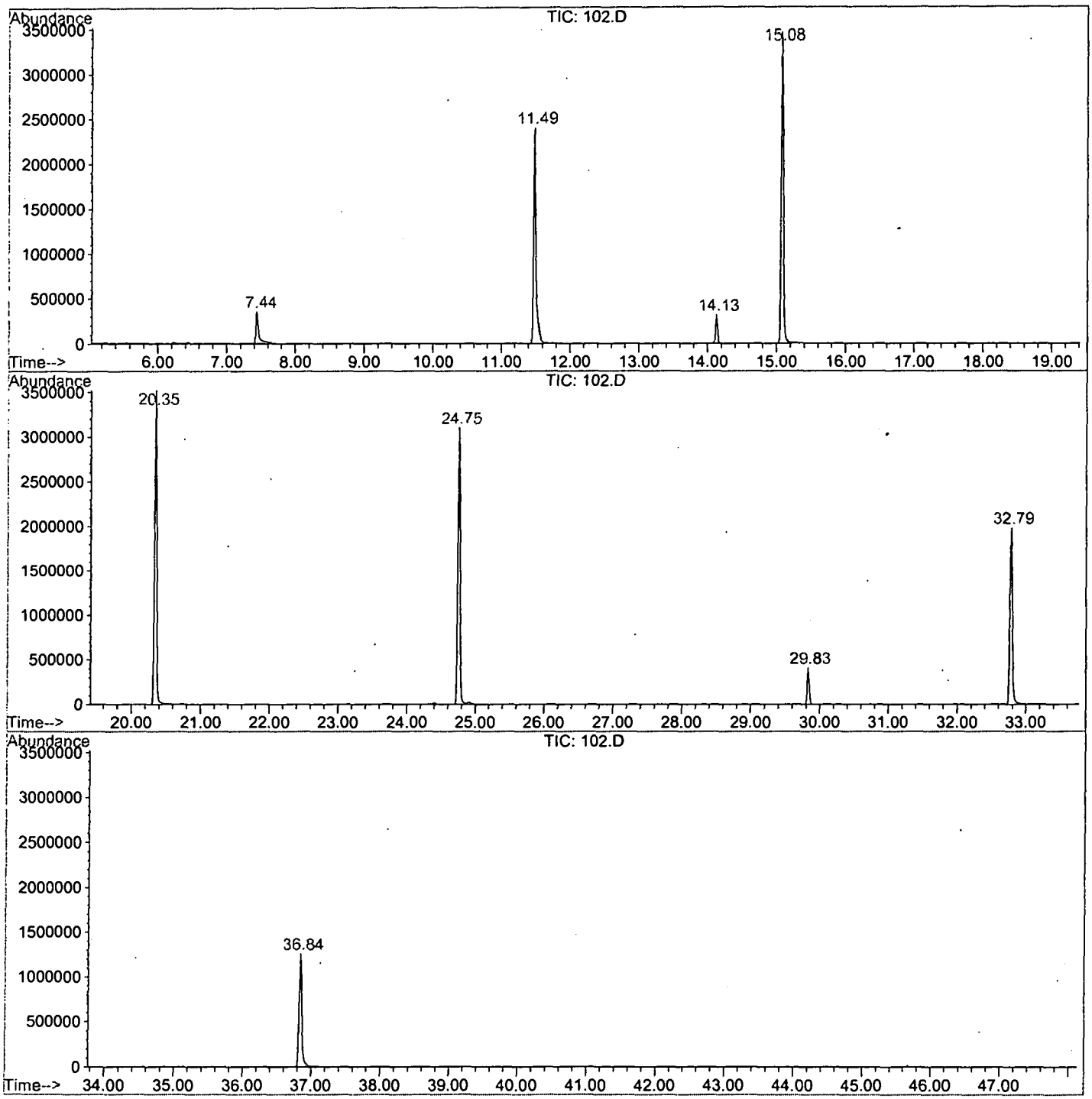
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.439	257	261	295	rVB	354494	1016176	13.80%	2.706%
2	11.487	697	702	725	rBV	2399045	5656046	76.80%	15.063%
3	14.131	984	990	997	rBV	317698	602405	8.18%	1.604%
4	15.077	1088	1093	1111	rBV	3453455	7164252	97.28%	19.080%
5	20.346	1660	1667	1686	rBV	3523221	7364859	100.00%	19.614%
6	24.753	2141	2147	2160	rBV2	3101519	6888446	93.53%	18.345%
7	29.829	2695	2700	2707	rBV	412434	827480	11.24%	2.204%
8	32.785	3015	3022	3049	rBV	1975619	4585140	62.26%	12.211%
9	36.843	3456	3464	3484	rBV	1255688	3444117	46.76%	9.172%

Sum of corrected areas: 37548921

102.D GCMS0208.M Fri Feb 08 13:36:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN2402\102.D
Operator : 209 GALOS
Acquired : 24 Jan 2002 8:55 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/3
Misc Info :
Vial Number: 9
Quant File :GCMS0103.RES (RTE Integrator)



102.D GCMS0208.M Fri Feb 08 13:37:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\102.D
Acq On : 24 Jan 2002 8:55 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

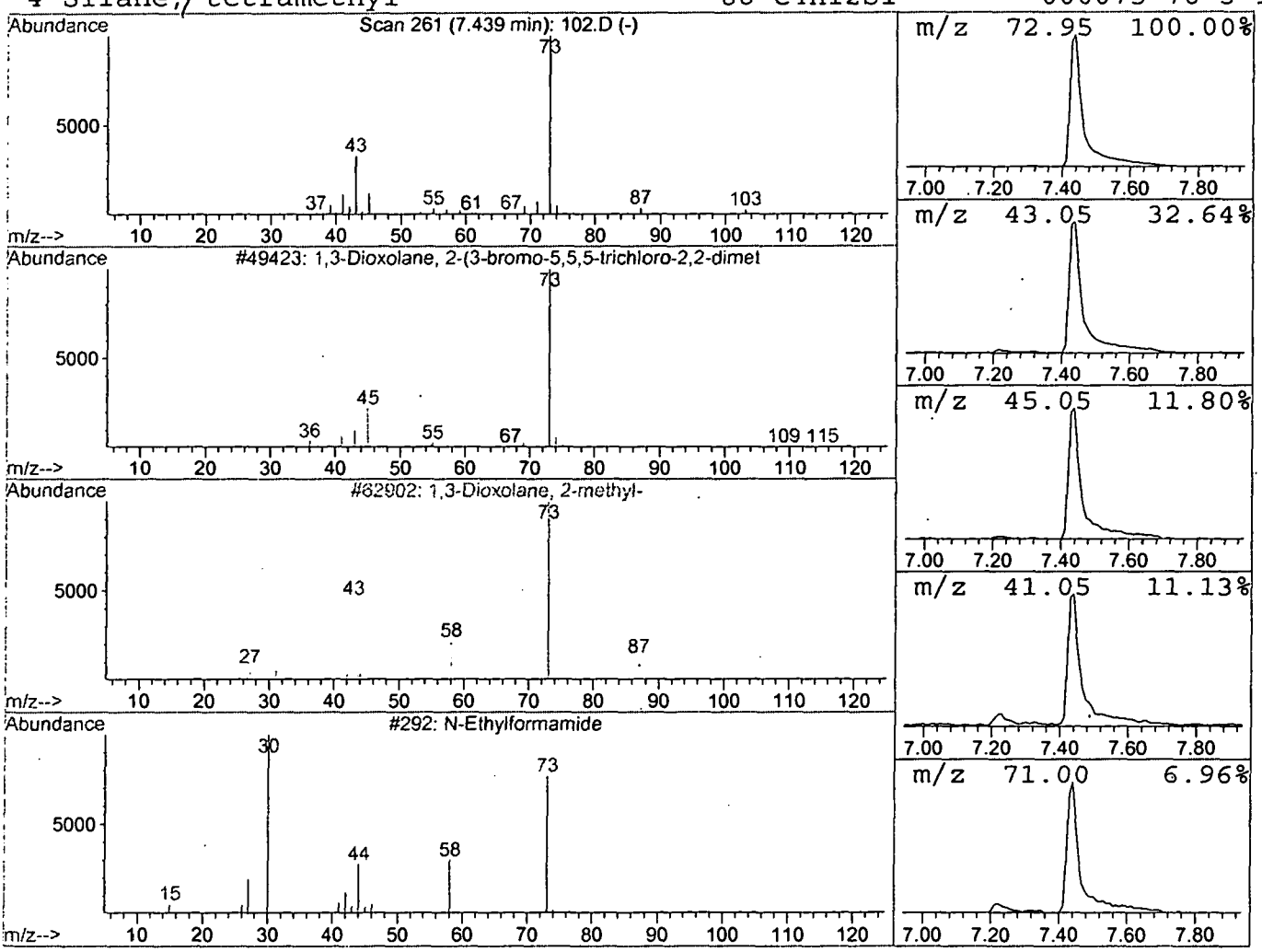
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.59 ug/l	1016180	1,4-Dichlorobenzene-d4	11.49

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	23
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\102.D
Acq On : 24 Jan 2002 8:55 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

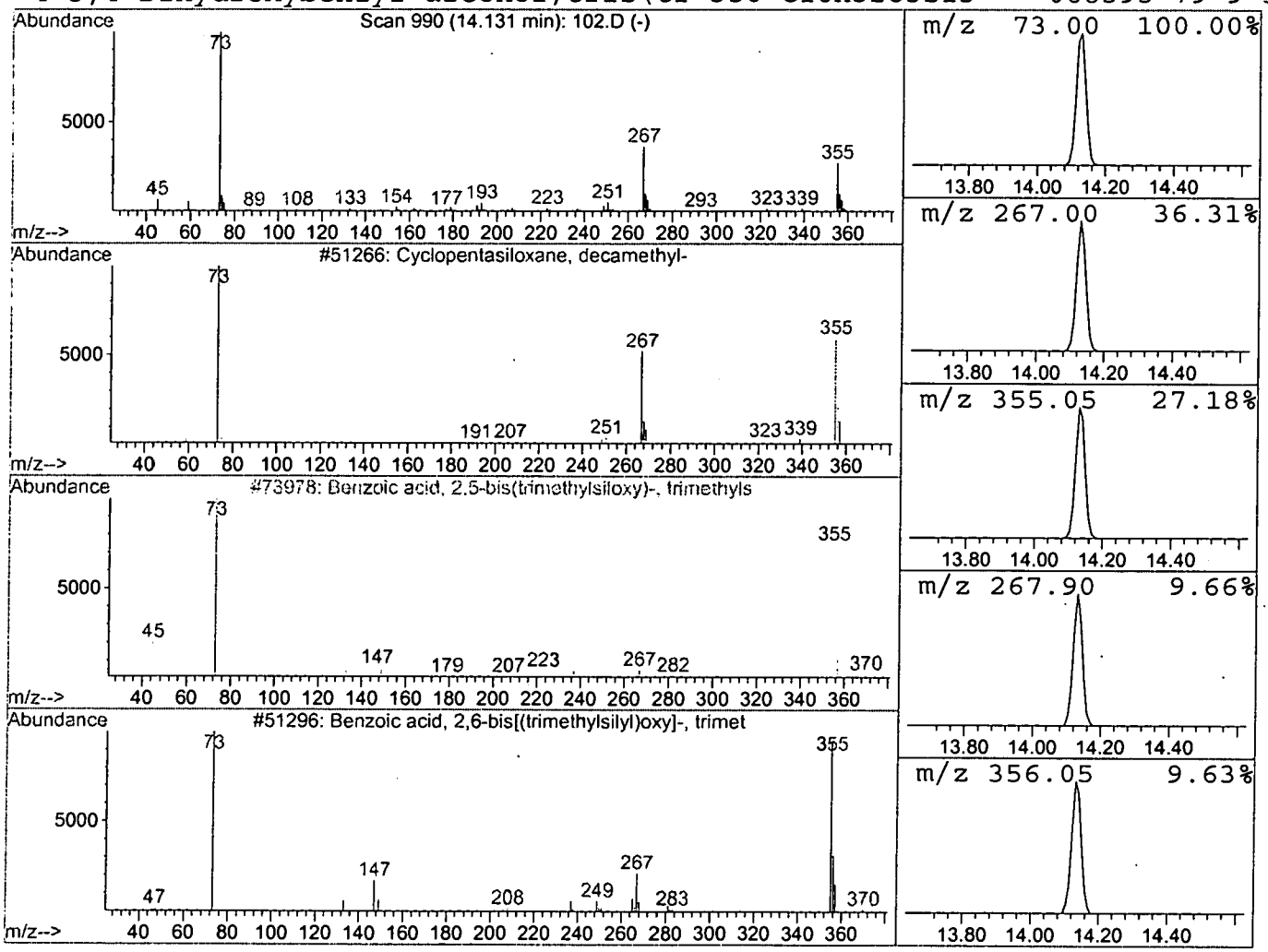
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	1.68 ug/l	602405	Naphthalene-d8	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 24 Jan 2002 8:55 pm
Data File: C:\HPCHEM\1\DATA\JAN2402\102.D
Name: GC/MS SCAN 1/3
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.44	3.6	ug/l	1016180	ISTD01	11.49	5656050	20.0
Cyclopentasiloxane,	14.13	1.7	ug/l	602405	ISTD02	15.08	7164250	20.0

102.D GCMS0208.M Fri Feb 08 13:37:18 2002