User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:05:56

Sample: AD31632
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:05 Ended: 2/11/02 16:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD31632 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:06:14

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\JAN0302\31632.D Vial: 42
Acq On : 5 Jan 2002 2:27 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:21 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	689081m	20.00	ug/l	-0.17
10) Naphthalene-d8	15.13	136	2701949	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1358769	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.80	188	1922734	20.00	ug/l	-0.19
38) Chrysene-d12	32.83	240	1166724	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	680171	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	103353	4.89	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 97.80%			
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	15.18	128	836	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	20.68	165	218	N.D.		
25) Diethylphthalate	21.91	149	312	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)

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D Vial: 42
Acq On : 5 Jan 2002 2:27 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	24.80	178	741	N.D.	
34)	Anthracene	24.80	178	741	N.D.	
35)	Di-n-butylphthalate	26.83	149	22048	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	32.83	228	2810	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	855	N.D.	
43)	Chrysene	32.83	228	2810	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	36.91	252	2855	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.	

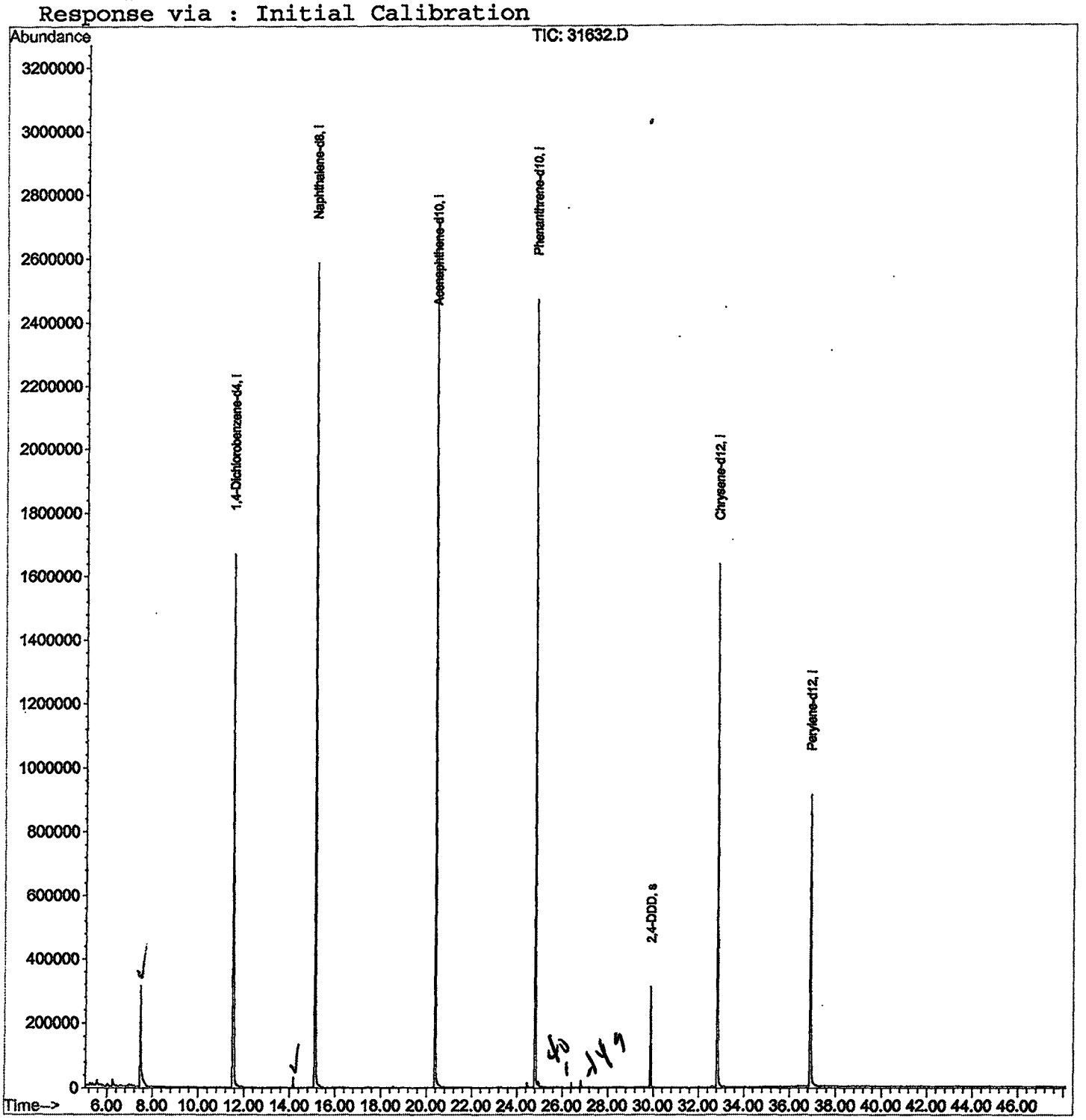
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D
Acq On : 5 Jan 2002 2:27 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:21 2002

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D Vial: 42
Acq On : 5 Jan 2002 2:27 am Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

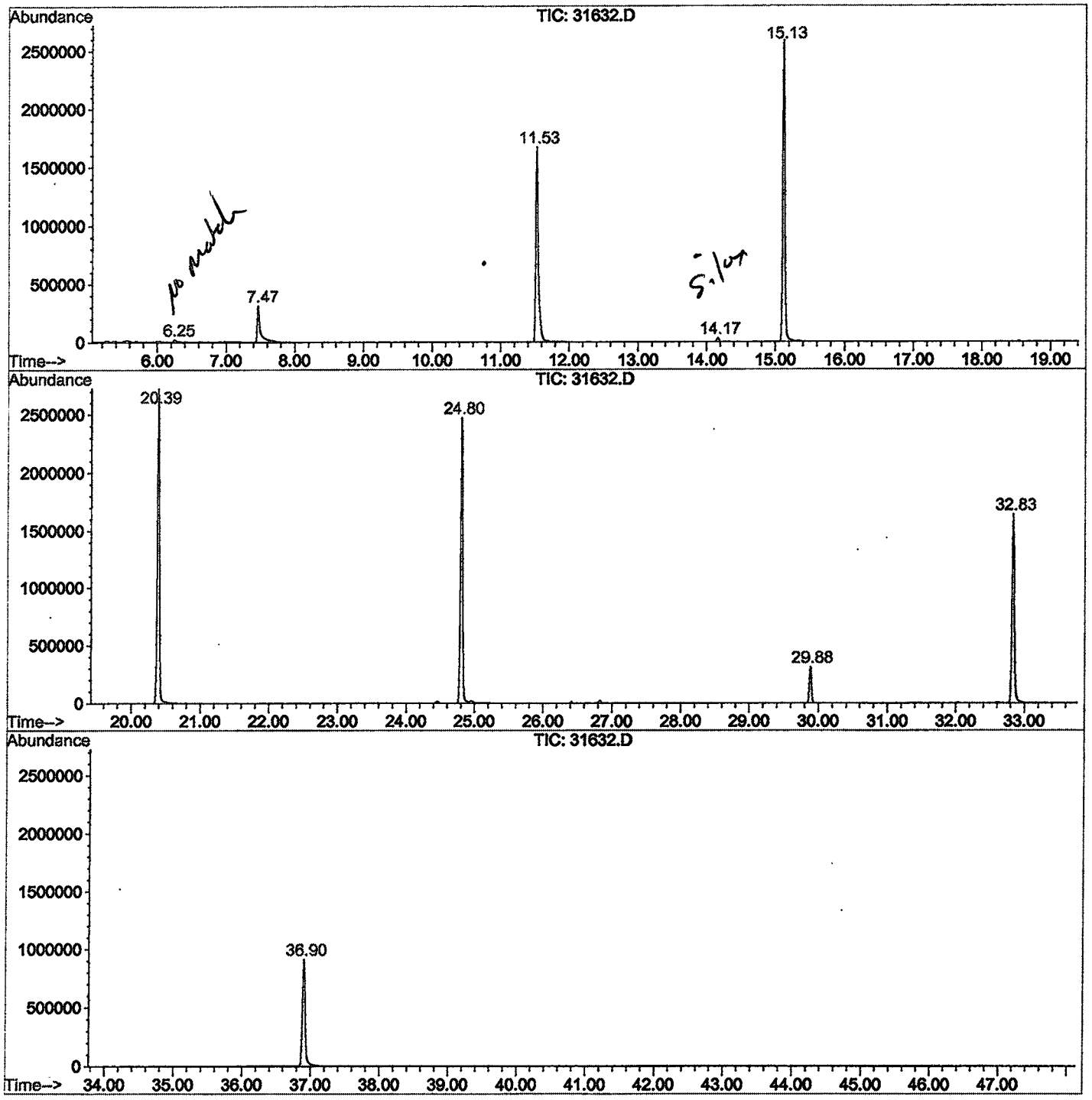
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.248	128	131	144	rBV2	20530	68176	1.20%	0.235%
2	7.469	260	264	296	rBV	311387	991782	17.42%	3.416%
3	11.526	701	706	730	rBV	1671098	4319142	75.86%	14.877%
4	14.170	989	994	999	rVB	32165	60692	1.07%	0.209%
5	15.125	1092	1098	1118	rBV	2586502	5526076	97.05%	19.034%
6	20.385	1665	1671	1687	rBV	2724683	5693935	100.00%	19.612%
7	24.801	2146	2152	2165	rBV2	2470931	5403222	94.89%	18.611%
8	29.878	2700	2705	2712	rVB	310344	648831	11.40%	2.235%
9	32.834	3021	3027	3043	rBV2	1639061	3762632	66.08%	12.960%
10	36.901	3463	3470	3493	rBV	910946	2558458	44.93%	8.812%

Sum of corrected areas: 29032946

31632.D GCMS1126.M Fri Feb 01 11:11:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\31632.D
Operator : 209 GALOS
Acquired : 5 Jan 2002 2:27 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2a
Misc Info :
Vial Number: 42
Quant File :GCMS1126.RES (RTE Integrator)



31632.D GCMS1126.M Fri Feb 01 11:12:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D
Acq On : 5 Jan 2002 2:27 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

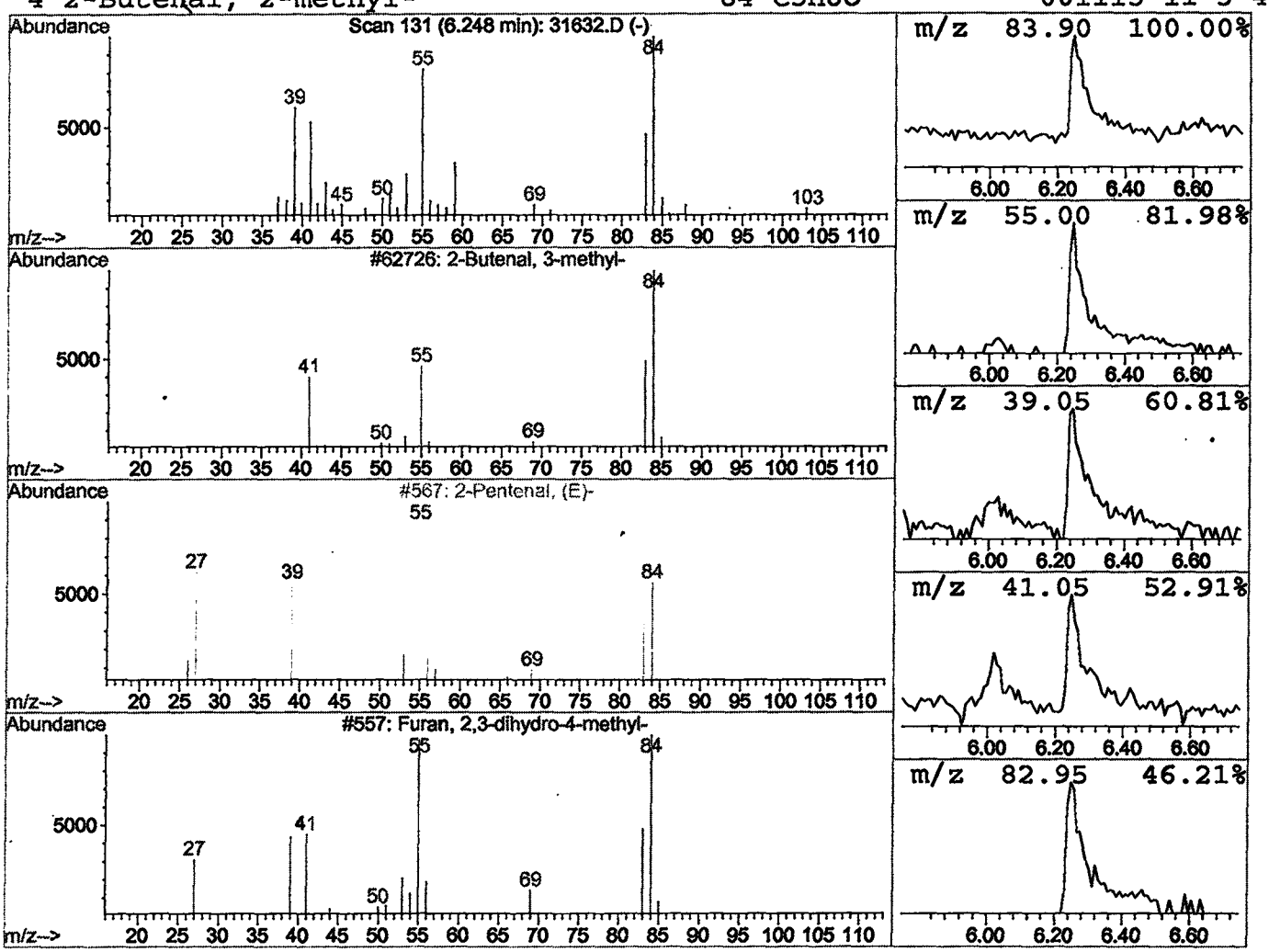
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Butenal, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	0.32 ug/l	68176	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	53
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	50
3	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	49
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	46



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D
Acq On : 5 Jan 2002 2:27 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

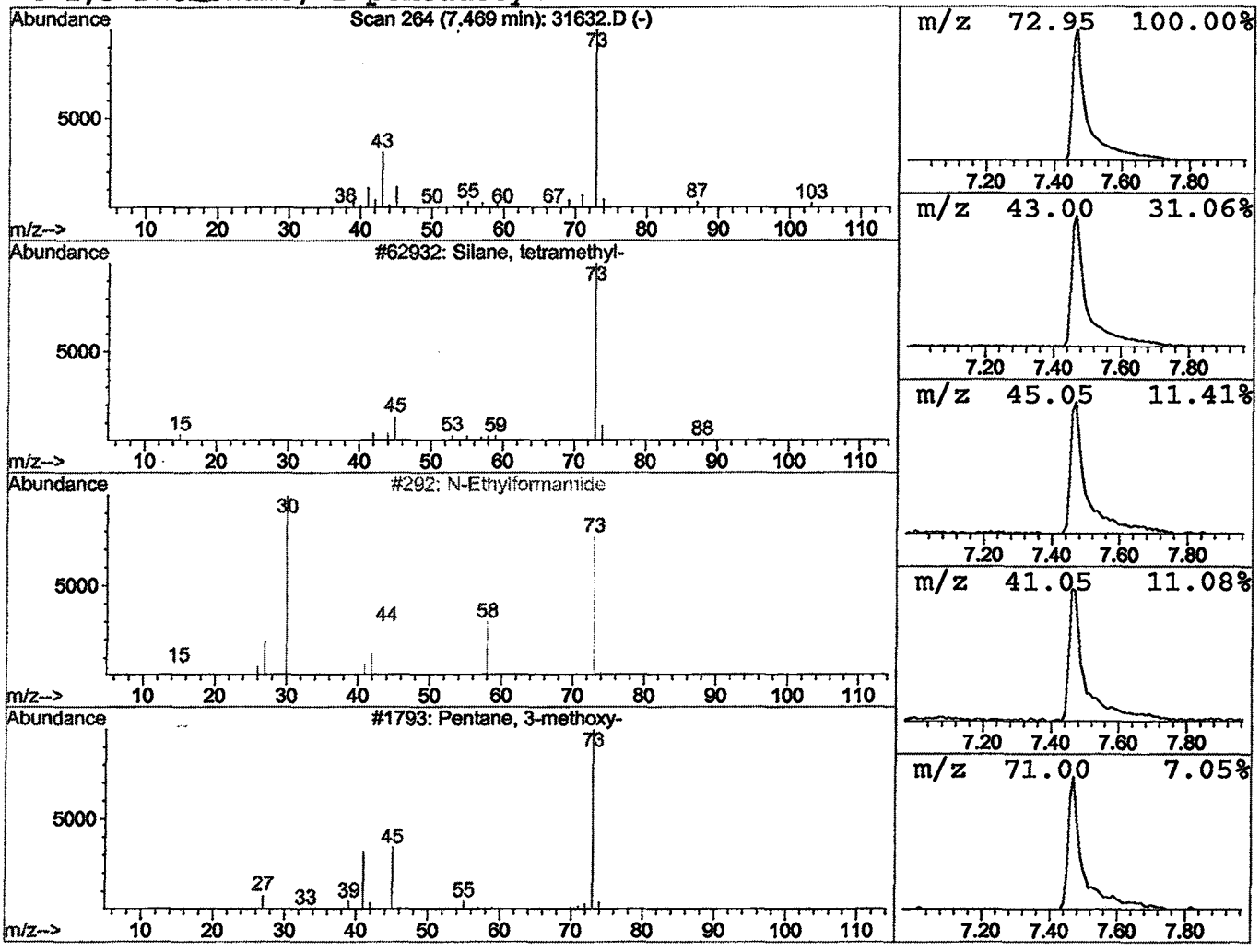
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.59 ug/l	991782	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31632.D
Acq On : 5 Jan 2002 2:27 am
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

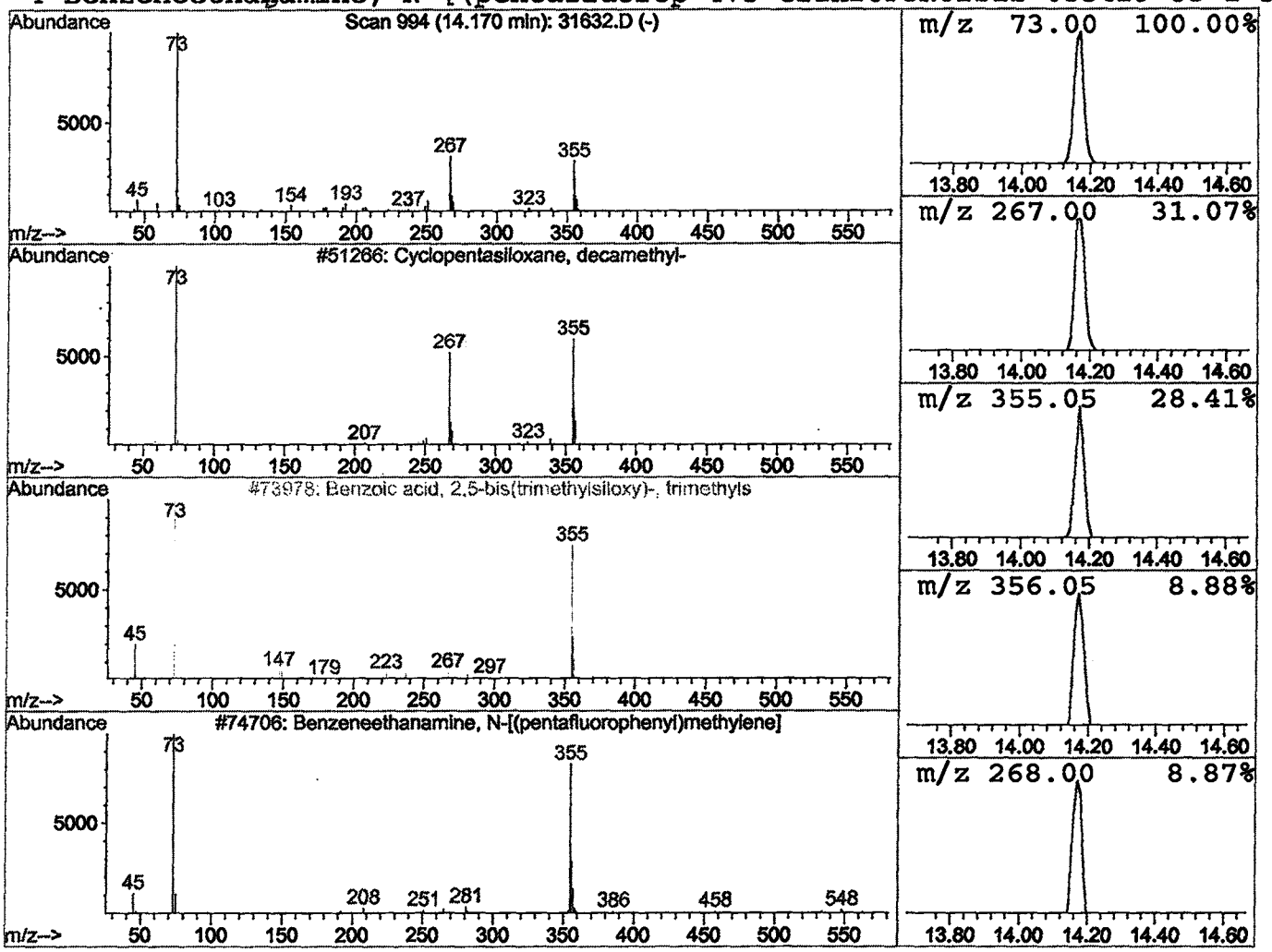
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.22 ug/l	60692	Naphthalene-d8	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Jan 2002 2:27 am
Data File: C:\HPCHEM\1\DATA\JAN0302\31632.D
Name: gcms scan 1/2a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-Butenal, 3-methyl-	6.25	0.3	ug/l	68176	ISTD01	11.53	4319140	20.0
Silane, tetramethyl-	7.47	4.6	ug/l	991782	ISTD01	11.53	4319140	20.0
Cyclopentasiloxane,	14.17	0.2	ug/l	60692	ISTD02	15.13	5526080	20.0

31632.D GCMS1126.M Fri Feb 01 11:12:18 2002