User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 15:21:55

Sample: AD27392
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 11:25 Ended: 12/19/01 11:25 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		115		5.0

Comments for Sample AD27392 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 15:23:22

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for 1-Hexadecanol at an estimated level of 1.1 ug/L, and with a fit of 46 out of 100; and 3,7,11-tri- 2,6,10-Dodecatrien-1-ol at an estimated level of 1.5 ug/L, and with a fit of 56 out of 100. A reanalysis of this sample on 12/26/01 reveals it to be clean.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\27392.D Vial: 9
Acq On : 15 Jan 2002 6:46 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:01 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 : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	838111	20.00	ug/l	-0.20
10) Naphthalene-d8	15.10	136	3268854	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.36	164	1675388	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.78	188	2272505	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1453627	20.00	ug/l	-0.24
44) Perylene-d12	36.87	264	1031716	20.00	ug/l	-0.25
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	144032	5.76	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 115.20%			
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	15.16	128	2281	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	20.82	165	175	N.D.		
25) Diethylphthalate	21.88	149	1024	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\JAN1502\27392.D Vial: 9
Acq On : 15 Jan 2002 6:46 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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 : 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	24.85	178	967	N.D.	
34)	Anthracene	24.85	178	967	N.D.	
35)	Di-n-butylphthalate	26.79	149	11945	N.D.	
36)	Fluoranthene	28.47	202	170	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.81	228	4023	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	5464	N.D.	
43)	Chrysene	32.91	228	264	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	36.87	252	4267	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.	

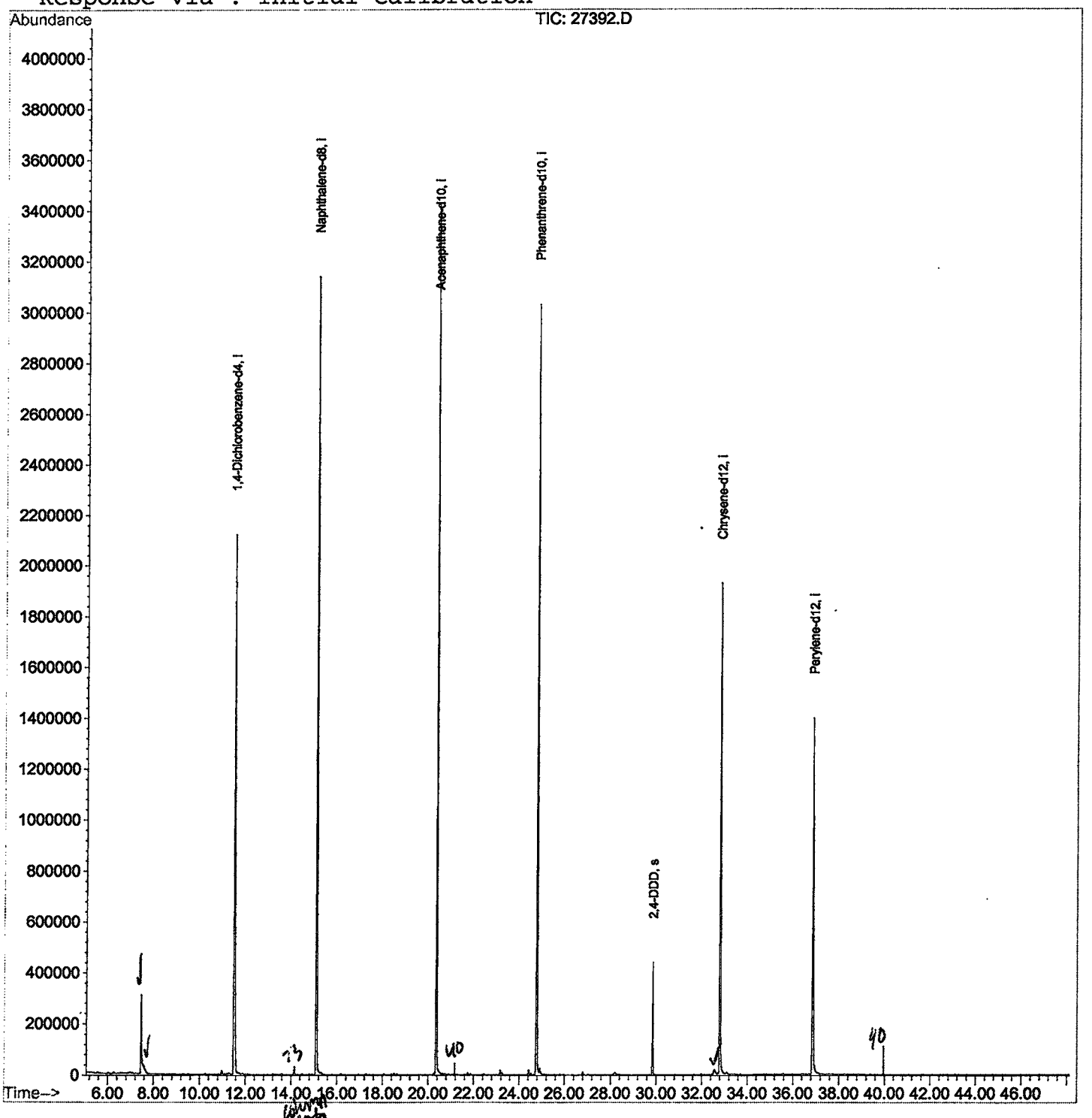
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27392.D
Acq On : 15 Jan 2002 6:46 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:01 2002

Vial: 9
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\JAN1502\27392.D Vial: 9
Acq On : 15 Jan 2002 6:46 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 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

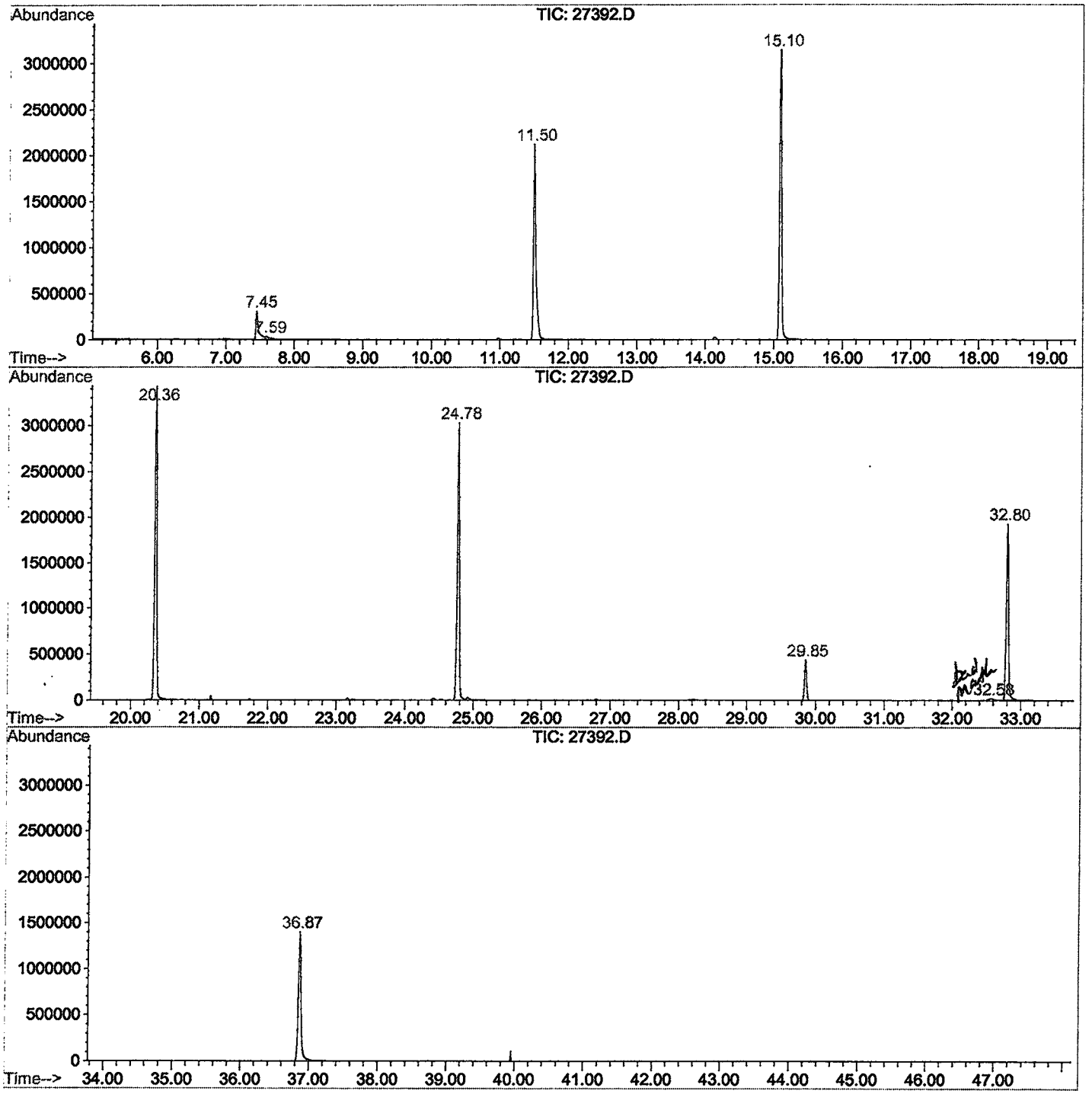
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.452	258	262	275	rBV	307099	814637	11.58%	2.274%
2	7.590	275	277	292	rVB	30350	115813	1.65%	0.323%
3	11.500	698	703	722	rBV	2121356	5287793	75.17%	14.762%
4	15.099	1089	1095	1113	rBV	3140149	6717900	95.50%	18.755%
5	20.359	1662	1668	1689	rBV	3429274	7034263	100.00%	19.638%
6	24.775	2143	2149	2161	rBV2	3029267	6368364	90.53%	17.779%
7	29.852	2696	2702	2710	rBV	438530	888844	12.64%	2.481%
8	32.578	2989	2999	3013	rBV7	19331	115307	1.64%	0.322%
9	32.799	3017	3023	3041	rVV2	1925374	4640920	65.98%	12.956%
10	36.866	3458	3466	3491	rBV2	1398022	3835560	54.53%	10.708%

Sum of corrected areas: 35819401

27392.D GCMS1126.M Mon Feb 04 15:00:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\27392.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 6:46 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



27392.D GCMS1126.M Mon Feb 04 15:00:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27392.D
Acq On : 15 Jan 2002 6:46 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

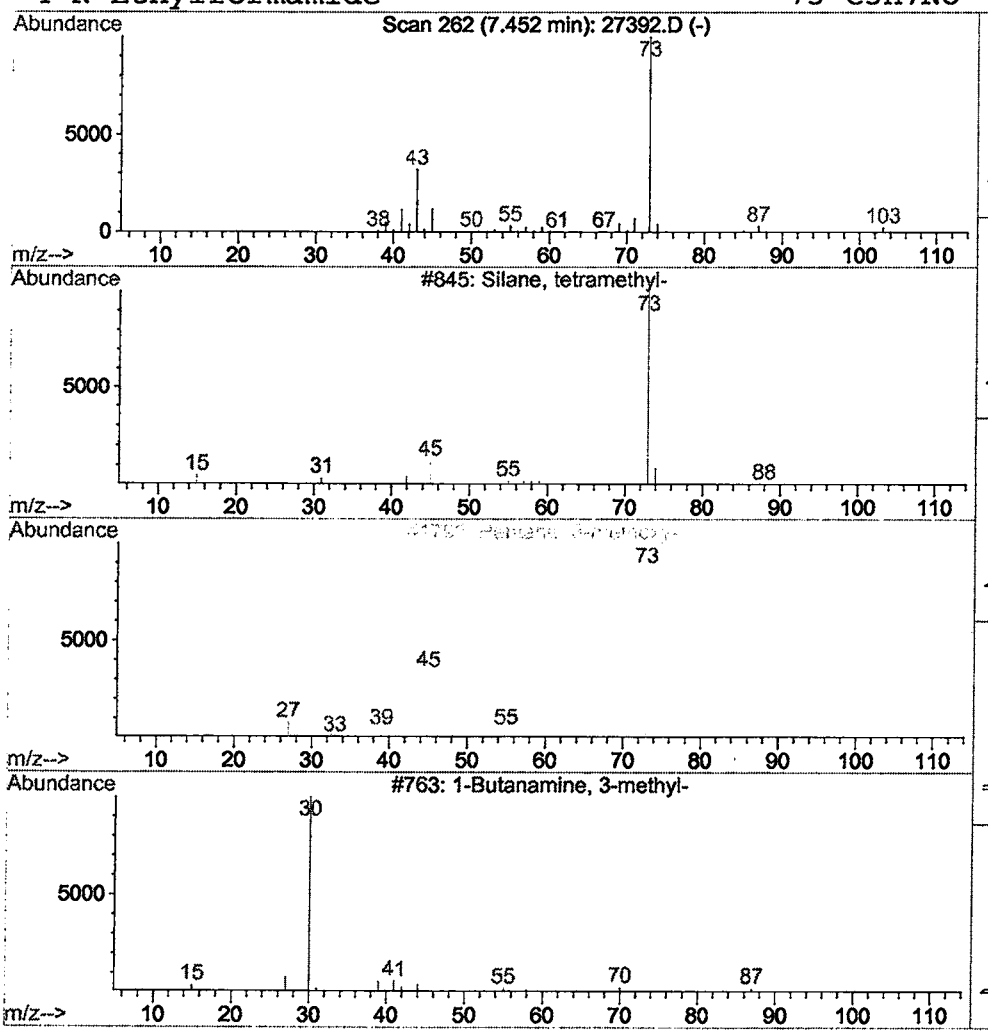
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

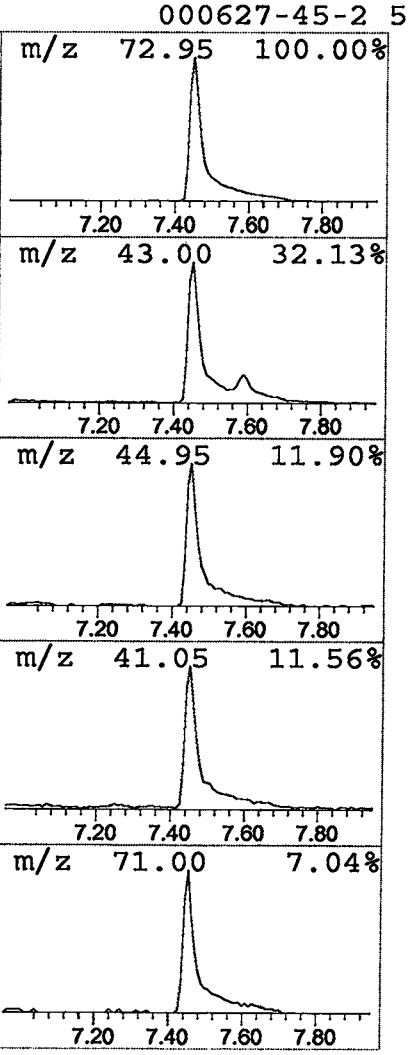
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.08 ug/l	814637	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27392.D
Acq On : 15 Jan 2002 6:46 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

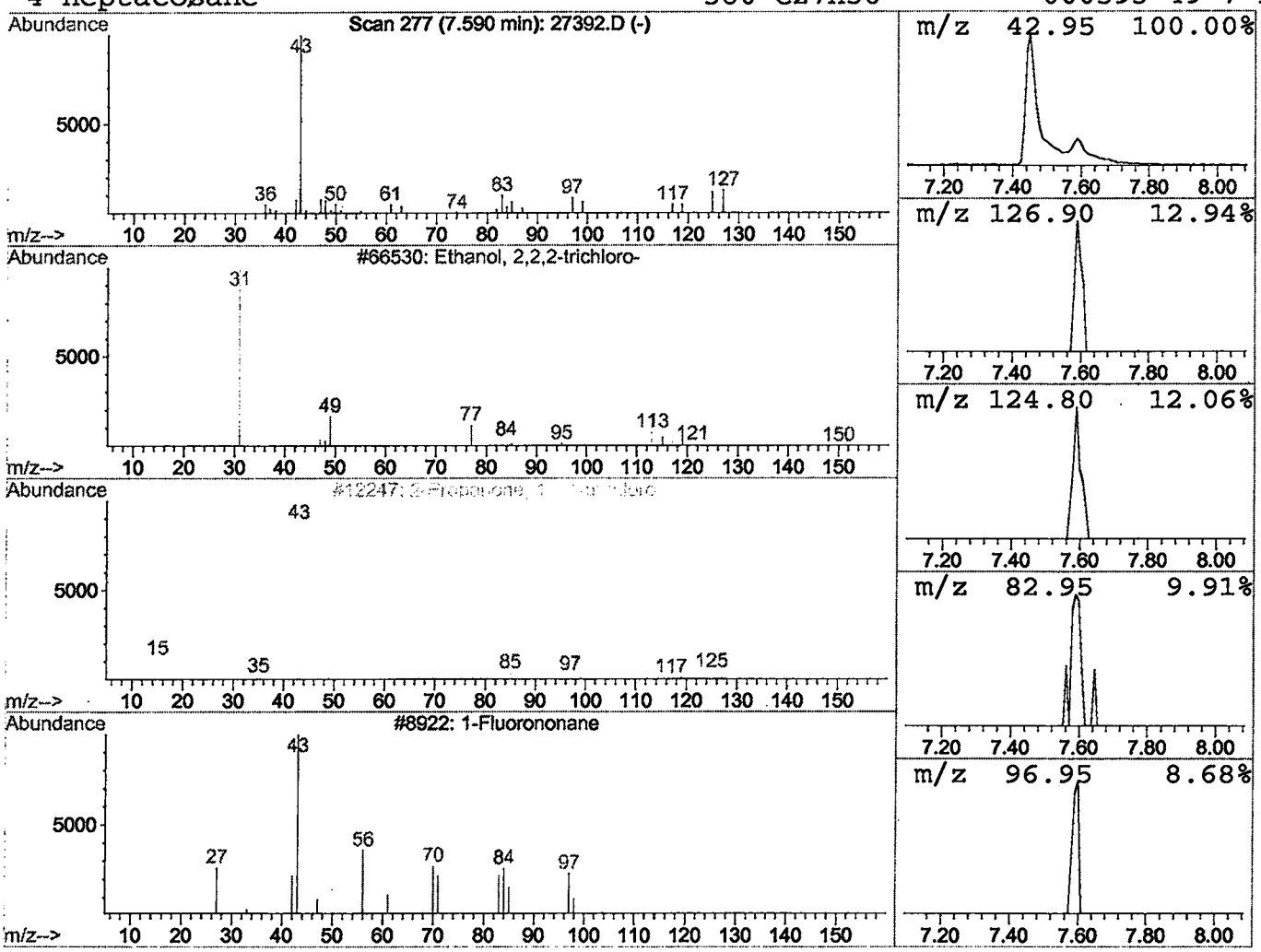
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethanol, 2,2,2-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	0.44 ug/l	115813	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
2	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	Heptacosane	380	C27H56	000593-49-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\27392.D
Acq On : 15 Jan 2002 6:46 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

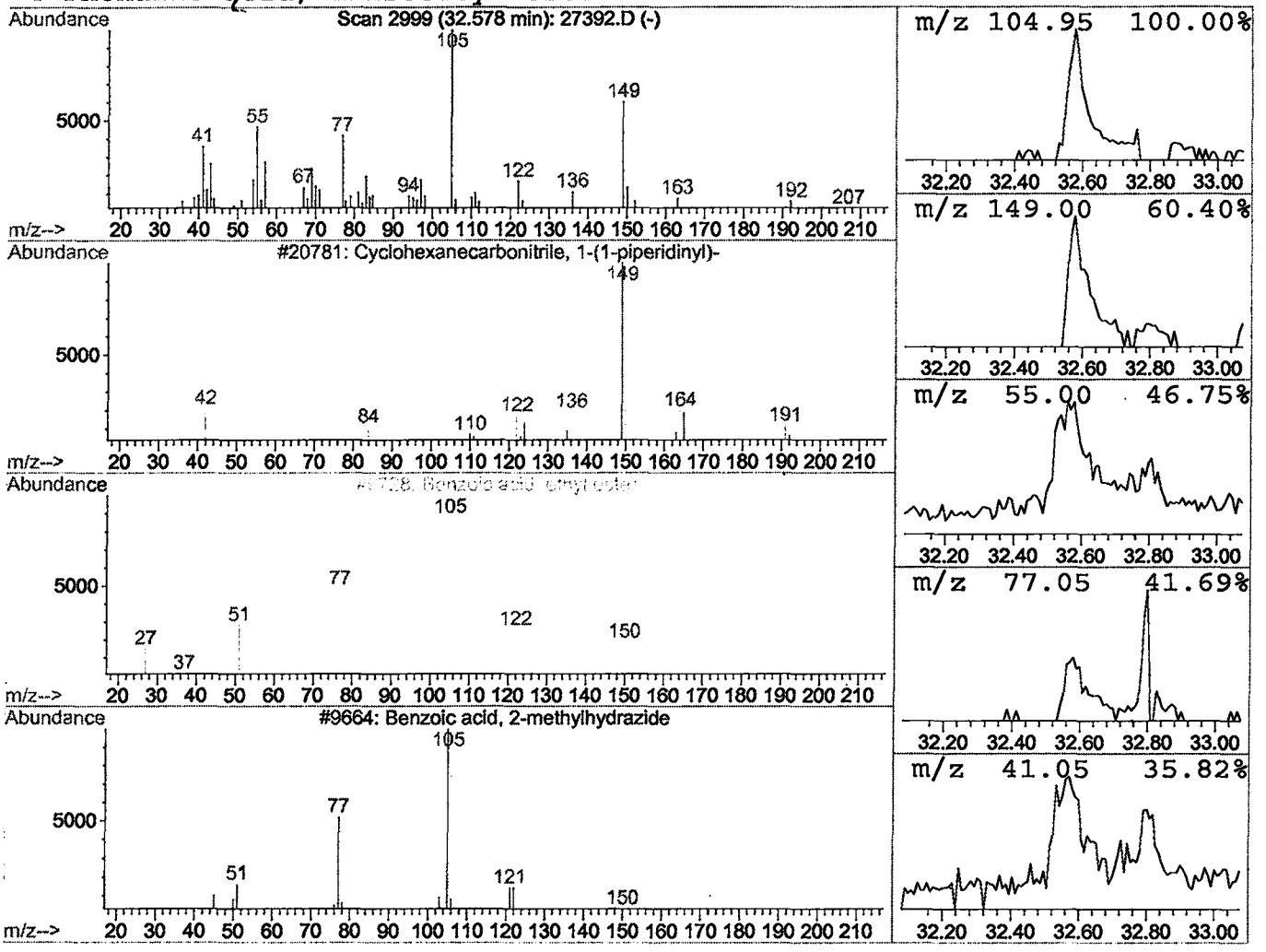
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexanecarbonitrile, 1-(1- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.58	0.50 ug/l	115307	Chrysene-d12	32.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarbonitrile, 1-(1-piper	192	C12H20N2	003867-15-0	30
2	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	27
3	Benzoic acid, 2-methylhydrazide	150	C8H10N2O	001660-24-8	12
4	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 6:46 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\27392.D
Name: gc/ms scan 12/26
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
Silane, tetramethyl-	7.45	3.1	ug/l	814637	ISTD01	11.50	5287790	20.0
Ethanol, 2,2,2-trich	7.59	0.4	ug/l	115813	ISTD01	11.50	5287790	20.0
Cyclohexanecarbonitr	32.58	0.5	ug/l	115307	ISTD05	32.80	4640920	20.0

27392.D GCMS1126.M Mon Feb 04 15:00:50 2002