User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 11:48:49

Sample: AD27569
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 11:44 Ended: 12/18/01 11:44 Analyst: MG
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD27569 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-18-2001 Time: 11:48:57

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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 14:18 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.86	152	967445	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	3925634	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	1697401	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	2552285	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1668061	20.00	ng/uL	-0.10
68) Perylene-d12	37.23	264	1174034	20.00	ng/uL	-0.11
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	11.87	132	314	0.00	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.00%#		
7) 1,2-Dichlorobenzene-d4	12.10	152	349	0.01	ng/uL	-0.35
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.90	172	1868	0.02	ng/uL	0.07
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 14:18 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
17) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
18) Hexachloroethane	0.00	117	0	N.D.	
21) Nitrobenzene	0.00	77	0	N.D.	
22) Isophorone	0.00	82	0	N.D.	
23) 2-Nitrophenol	0.00	139	0	N.D.	
24) 2,4-Dimethylphenol	0.00	107	0	N.D.	
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26) 2,4-Dichlorophenol	0.00	162	0	N.D.	
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28) Naphthalene	0.00	128	0	N.D.	
29) Hexachlorobutadiene	0.00	225	0	N.D.	
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37) 2-Chloronaphthalene	0.00	162	0	N.D.	
38) Dimethylphthalate	0.00	163	0	N.D.	
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
40) Acenaphthylene	0.00	152	0	N.D.	
41) Acenaphthene	0.00	153	0	N.D.	
42) 2,4-Dinitrophenol	0.00	184	0	N.D.	
43) 4-Nitrophenol	0.00	65	0	N.D.	
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
45) Diethylphthalate	22.24	149	770	N.D.	
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.	
47) Fluorene	0.00	166	0	N.D.	
48) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51) N-Nitrosodiphenylamine	0.00	169	0	N.D.	
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53) Hexachlorobenzene	0.00	284	0	N.D.	
54) Pentachlorophenol	0.00	266	0	N.D.	
55) Phenanthrene	0.00	178	0	N.D.	
56) Anthracene	0.00	178	0	N.D.	
57) Di-n-butylphthalate	27.14	149	4756	N.D.	
58) Fluoranthene	0.00	202	0	N.D.	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 14:18 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

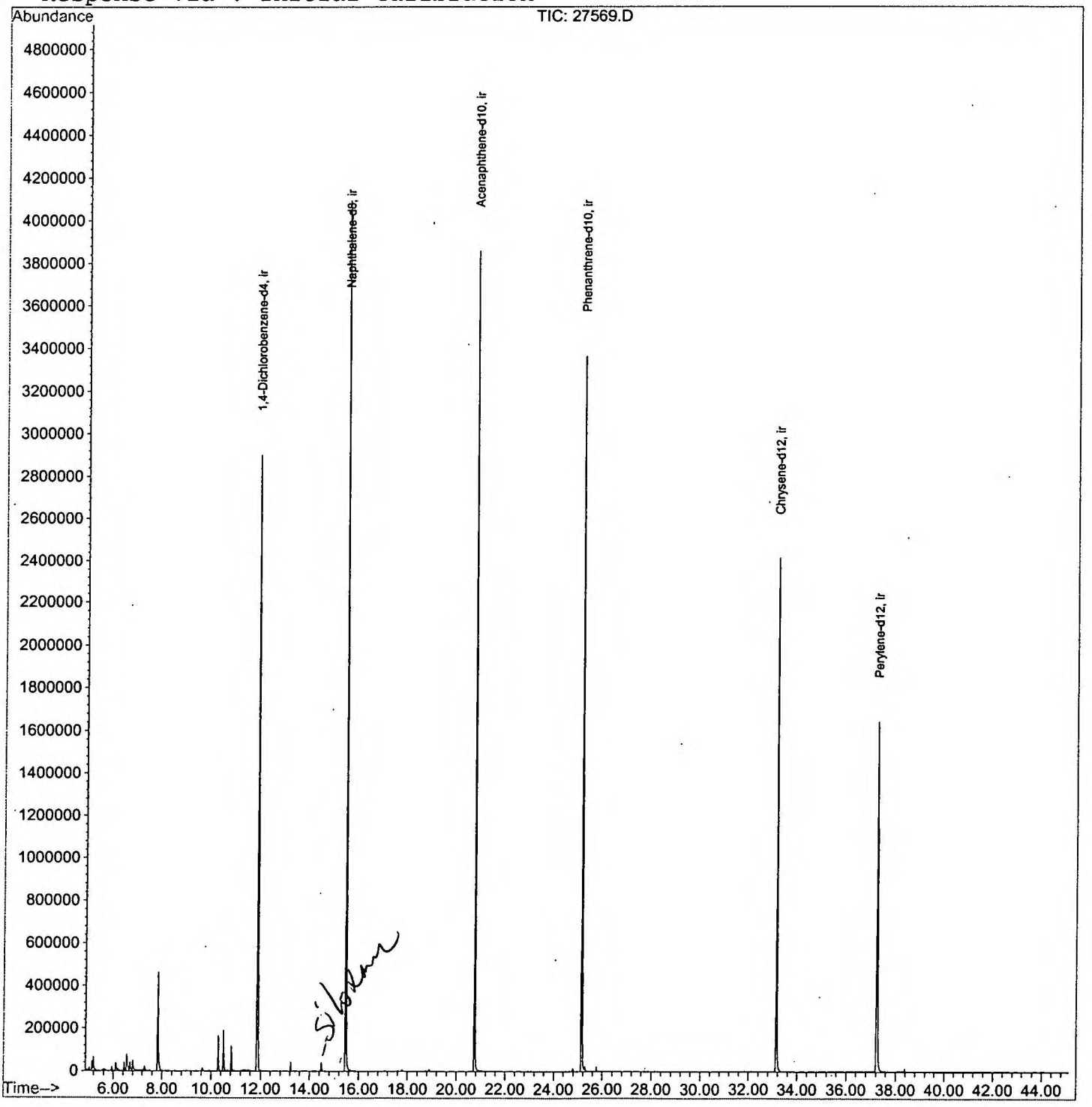
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.15	228	3190	N.D.	
66)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67)	Chrysene	33.15	228	3190	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.23	252	3706	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	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\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 14:18 2001 Quant Results File: NP112701.RES

Method : M:\INSTRU~1\208\METHODS\HP032901.M (RTE Integrator)
Title : 208 BNA calibration table 3/29/01
Last Update : Wed Apr 18 15:43:55 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/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

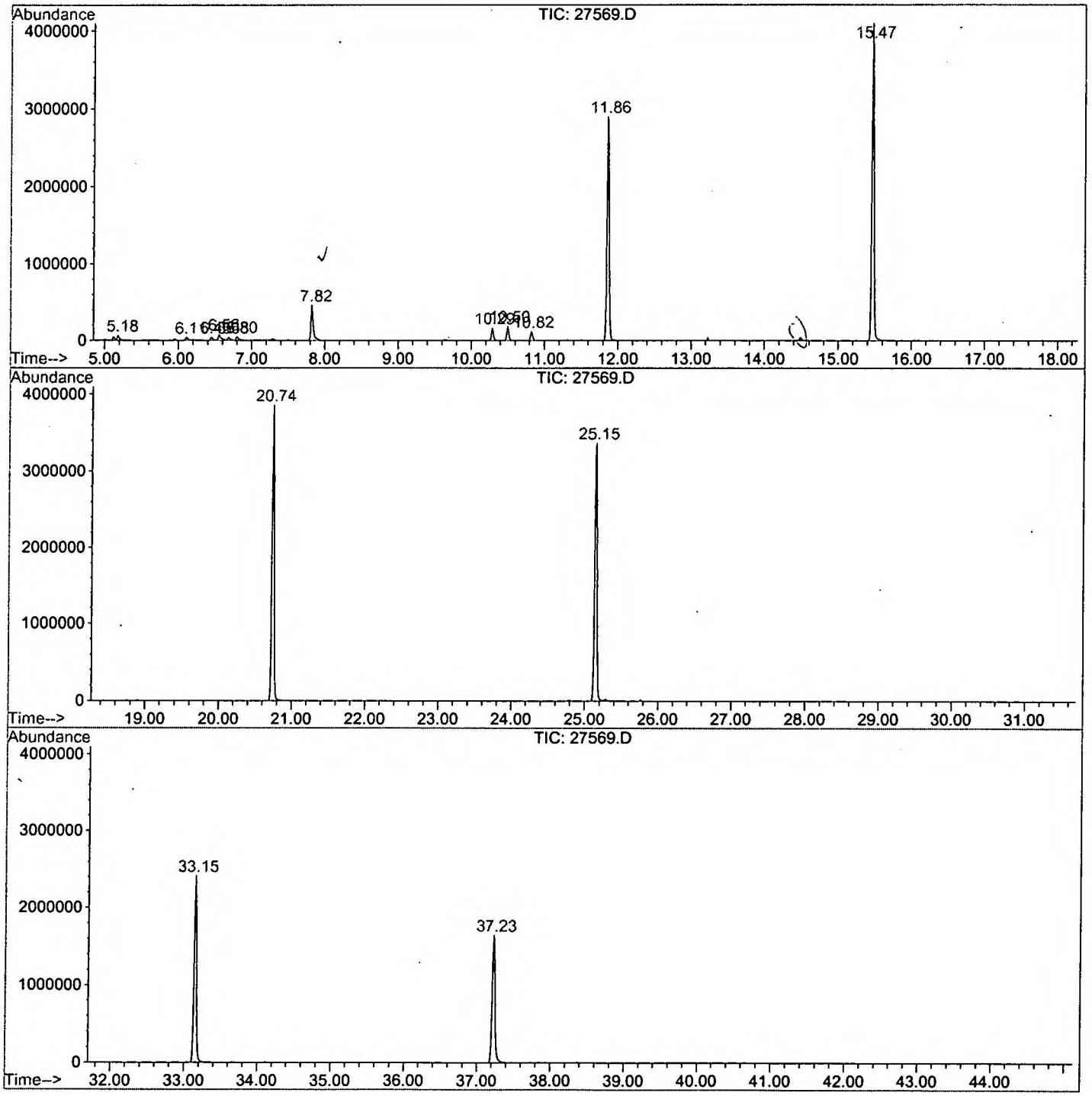
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.181	34	37	45	rVB	60793	116913	1.48%	0.286%
2	6.107	135	138	144	rBV	39168	88563	1.12%	0.217%
3	6.446	171	175	184	rBV	41196	96091	1.21%	0.235%
4	6.556	184	187	198	rVV2	77912	202594	2.56%	0.495%
5	6.685	198	201	210	rVV	38855	86123	1.09%	0.211%
6	6.804	210	214	225	rVV	47055	116543	1.47%	0.285%
7	7.822	321	325	341	rBV	462087	963701	12.18%	2.356%
8	10.289	590	594	602	rBV	163830	304568	3.85%	0.745%
9	10.499	613	617	627	rBV	188260	342055	4.32%	0.836%
10	10.820	648	652	659	rBV	118374	228958	2.89%	0.560%
11	11.857	760	765	775	rBV	2897063	5976871	75.55%	14.612%
12	15.470	1153	1159	1177	rBV	4094795	7911334	100.00%	19.341%
13	20.742	1728	1734	1750	rBV	3859645	7643816	96.62%	18.687%
14	25.153	2208	2215	2226	rBV2	3365658	7151818	90.40%	17.484%
15	33.150	3081	3087	3100	rBV2	2414415	5288788	66.85%	12.930%
16	37.230	3524	3532	3555	rBV2	1643958	4385273	55.43%	10.721%

Sum of corrected areas: 40904009

27569.D NP112701.M Fri Dec 14 12:57:51 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27569.D
Operator : GALOS
Acquired : 13 Dec 2001 6:34 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 10
Quant File :NP112701.RES (RTE Integrator)



27569.D NP112701.M Fri Dec 14 12:57:54 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D
Acq On : 13 Dec 2001 6:34 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

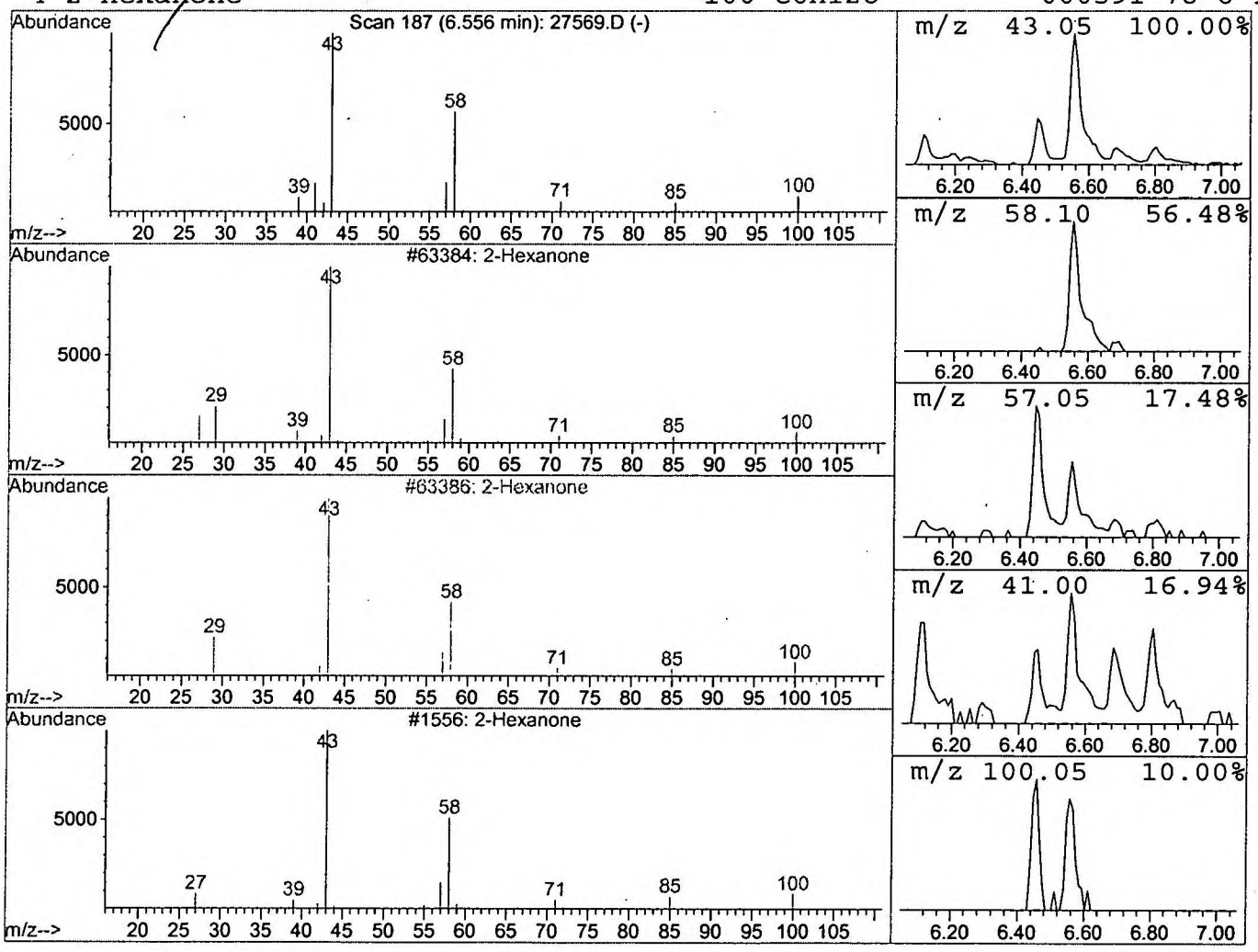
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	0.68 ng/uL	202594	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone	100	C6H12O	000591-78-6	90
3	2-Hexanone	100	C6H12O	000591-78-6	90
4	2-Hexanone	100	C6H12O	000591-78-6	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D
Acq On : 13 Dec 2001 6:34 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

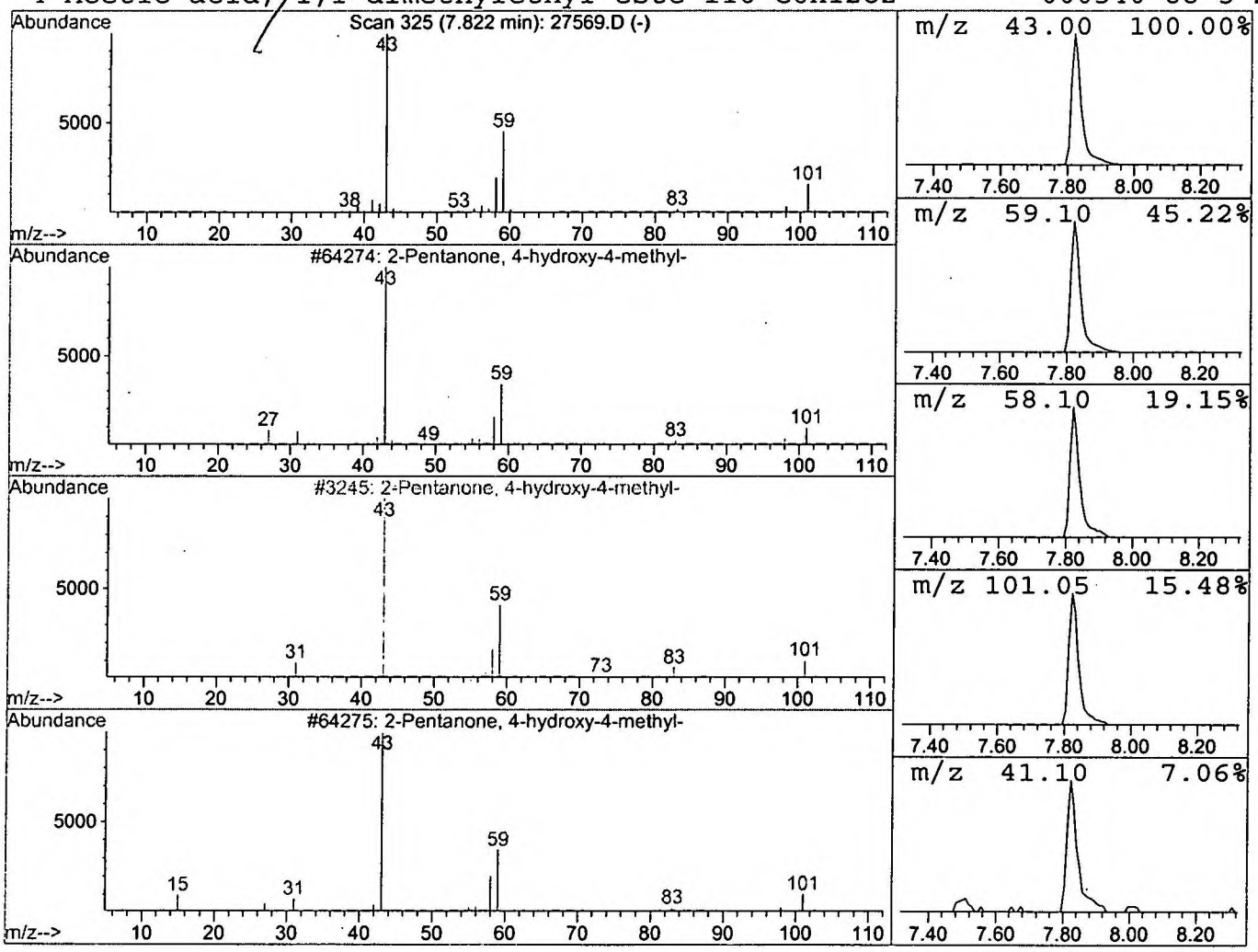
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.22 ng/uL	963701	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D
Acq On : 13 Dec 2001 6:34 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

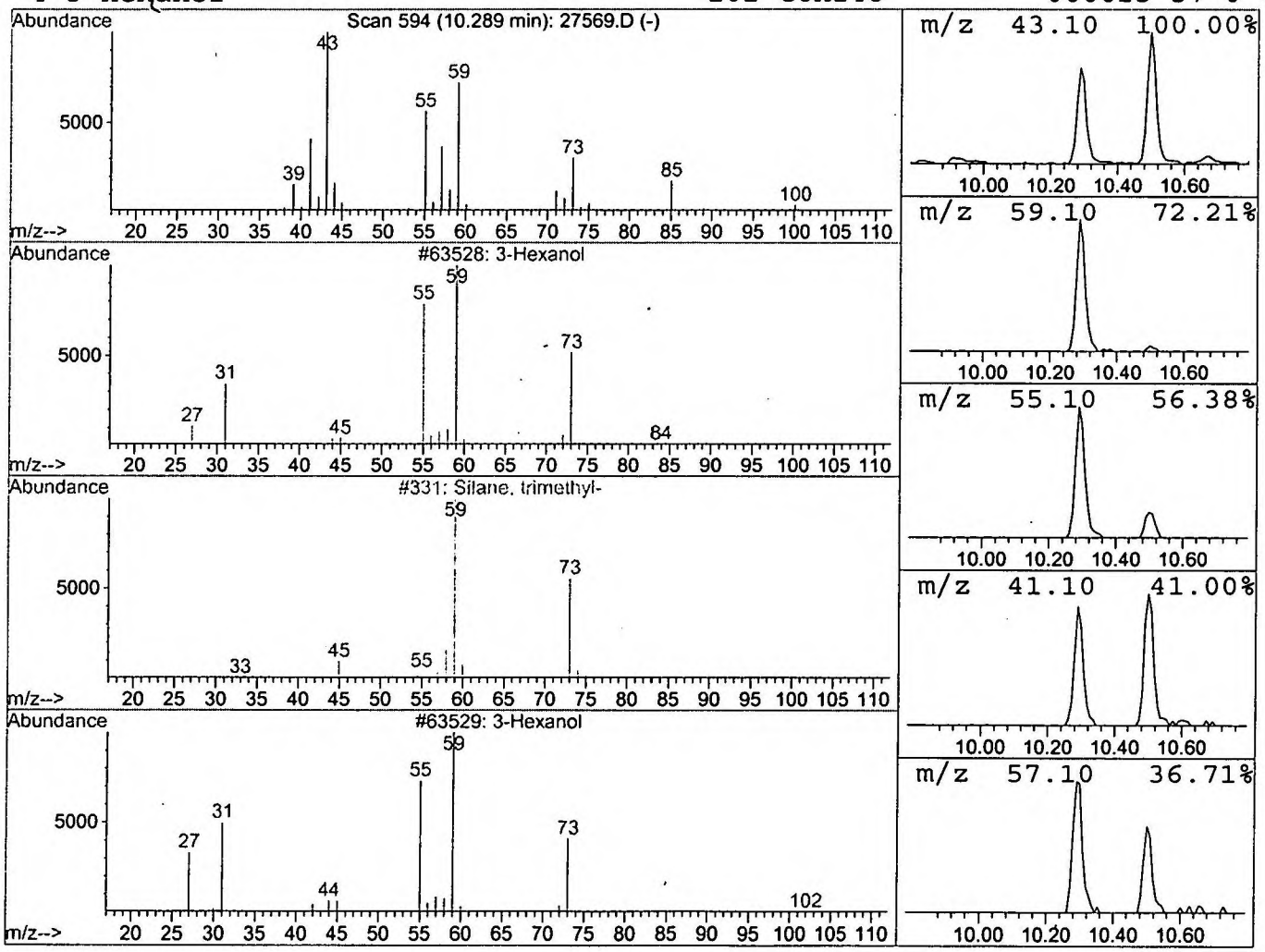
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	1.02 ng/uL	304568	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	50
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	47
3	3-Hexanol	102	C6H14O	000623-37-0	42
4	3-Hexanol	102	C6H14O	000623-37-0	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D
Acq On : 13 Dec 2001 6:34 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

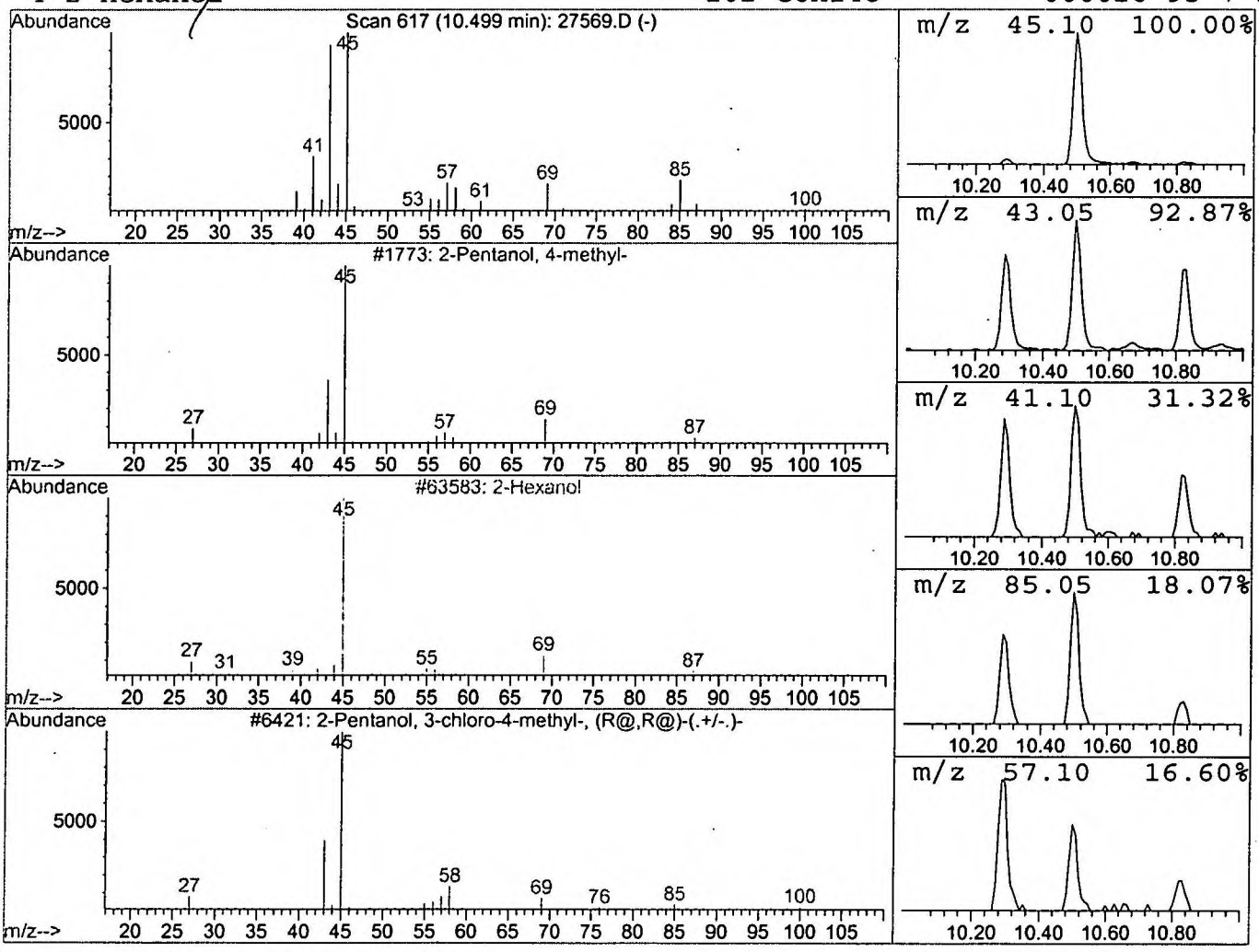
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.14 ng/uL	342055	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
2	2-Hexanol	102	C6H14O	000626-93-7	59
3	2-Pentanol, 3-chloro-4-methyl-, (R@	136	C6H13ClO	074685-47-5	50
4	2-Hexanol	102	C6H14O	000626-93-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27569.D Vial: 10
Acq On : 13 Dec 2001 6:34 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

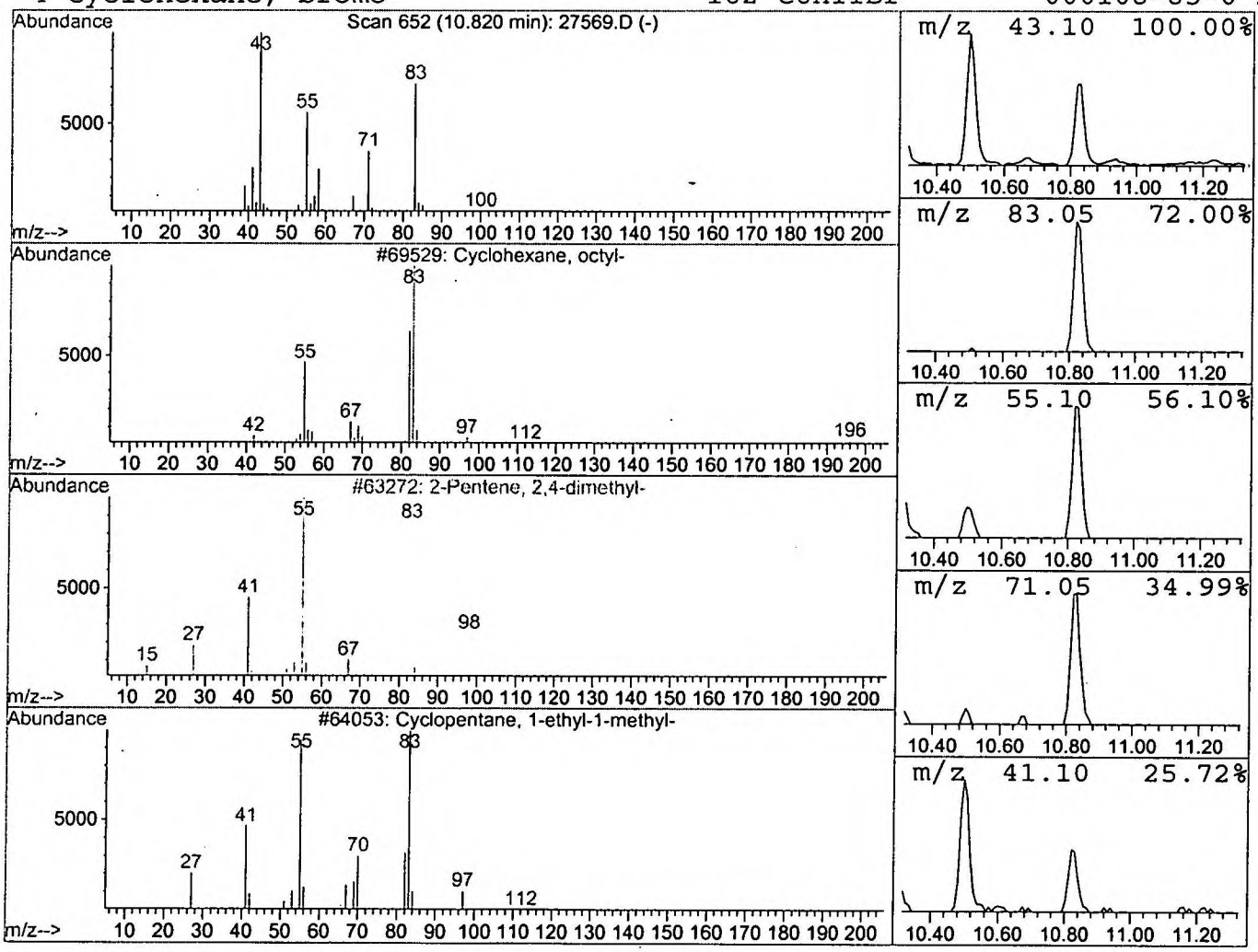
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclohexane, octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	0.77 ng/uL	228958	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	35
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	25
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 6:34 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27569.D
Name: gcms unknown 11/15
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.56	0.7	ng/uL	202594	ISTD01	11.86	5976870	20.0
2-Pentanone, 4-hydro	7.82	3.2	ng/uL	963701	ISTD01	11.86	5976870	20.0
3-Hexanol	10.29	1.0	ng/uL	304568	ISTD01	11.86	5976870	20.0
2-Pentanol, 4-methyl	10.50	1.1	ng/uL	342055	ISTD01	11.86	5976870	20.0
Cyclohexane, octyl-	10.82	0.8	ng/uL	228958	ISTD01	11.86	5976870	20.0

27569.D NP112701.M Fri Dec 14 12:58:05 2001