User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 10:08:06

Sample: AD27232
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 10:07 Ended: 12/19/01 10:07 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 AD27232 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-19-2001 Time: 10:08:12

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\DEC1201\27232.D Vial: 12
Acq On : 13 Dec 2001 1:18 am Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:35 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	11.85	152	931768	20.00	ng/uL	-0.09
19) Naphthalene-d8	15.45	136	3685862	20.00	ng/uL	-0.10
31) Acenaphthene-d10	20.72	164	1557318m	20.00	ng/uL	-0.10
49) Phenanthrene-d10	25.14	188	2312519	20.00	ng/uL	-0.11
59) Chrysene-d12	33.13	240	1485224	20.00	ng/uL	-0.12
68) Perylene-d12	37.21	264	1075179	20.00	ng/uL	-0.13

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	11.84	132	744	0.01	ng/uL	0.42
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.00%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng/uL	
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.00%#		
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)

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Misc : Multiplr: 1.00
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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	15.52	128	759	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	0.00	149	0	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	27.13	149	3978	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\DEC1201\27232.D Vial: 12
Acq On : 13 Dec 2001 1:18 am Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:35 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

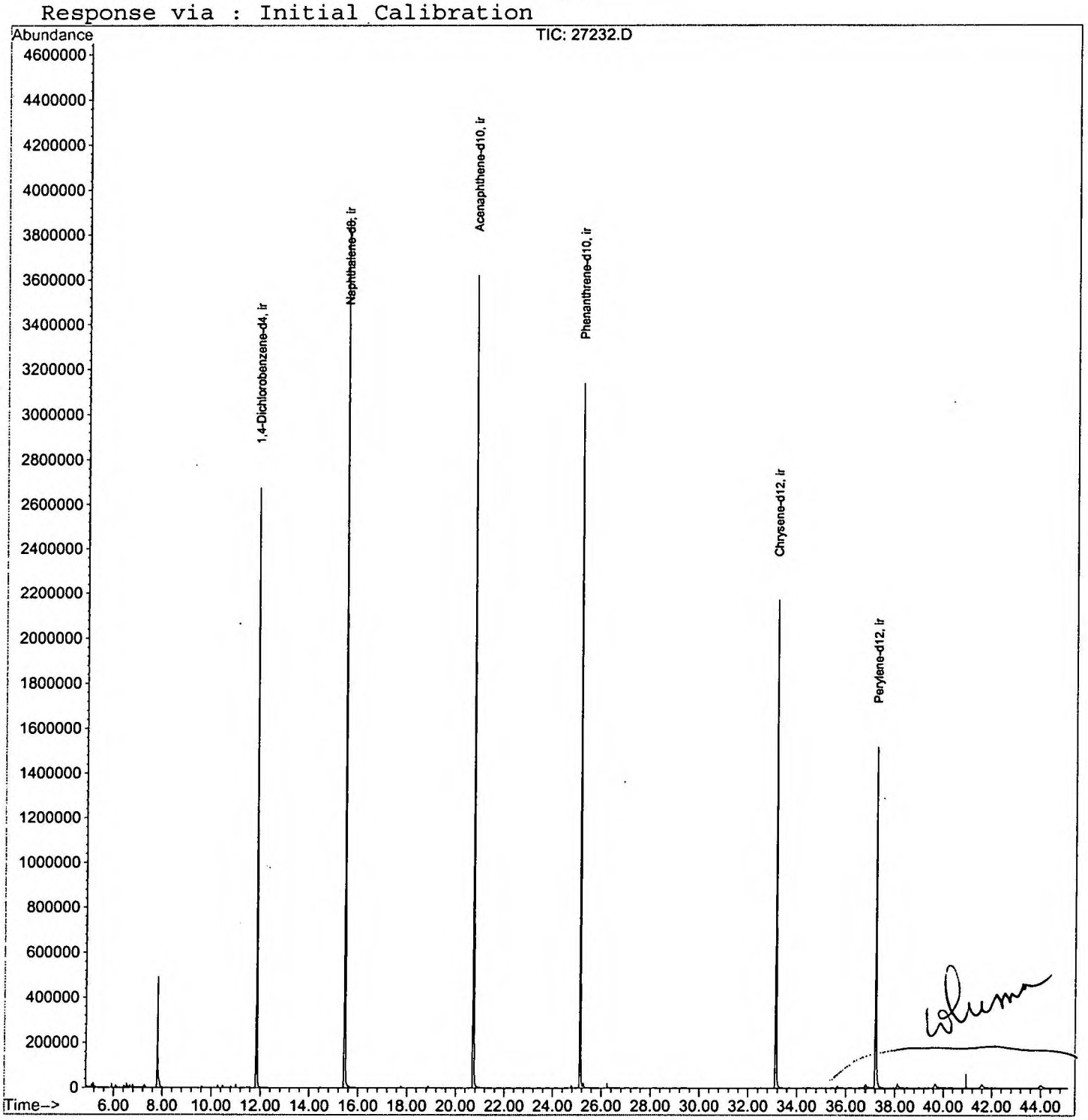
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	29.28	184	3383	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.12	228	3223	N.D.	
66)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67)	Chrysene	33.12	228	3223	N.D.	
69)	Di-n-Octylphthalate	0.00	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	37.20	252	3588	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\DEC1201\27232.D Vial: 12
Acq On : 13 Dec 2001 1:18 am Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:35 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27232.D Vial: 12
Acq On : 13 Dec 2001 1:18 am Operator: GALOS
Sample : gc/ms unknown 11/14 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

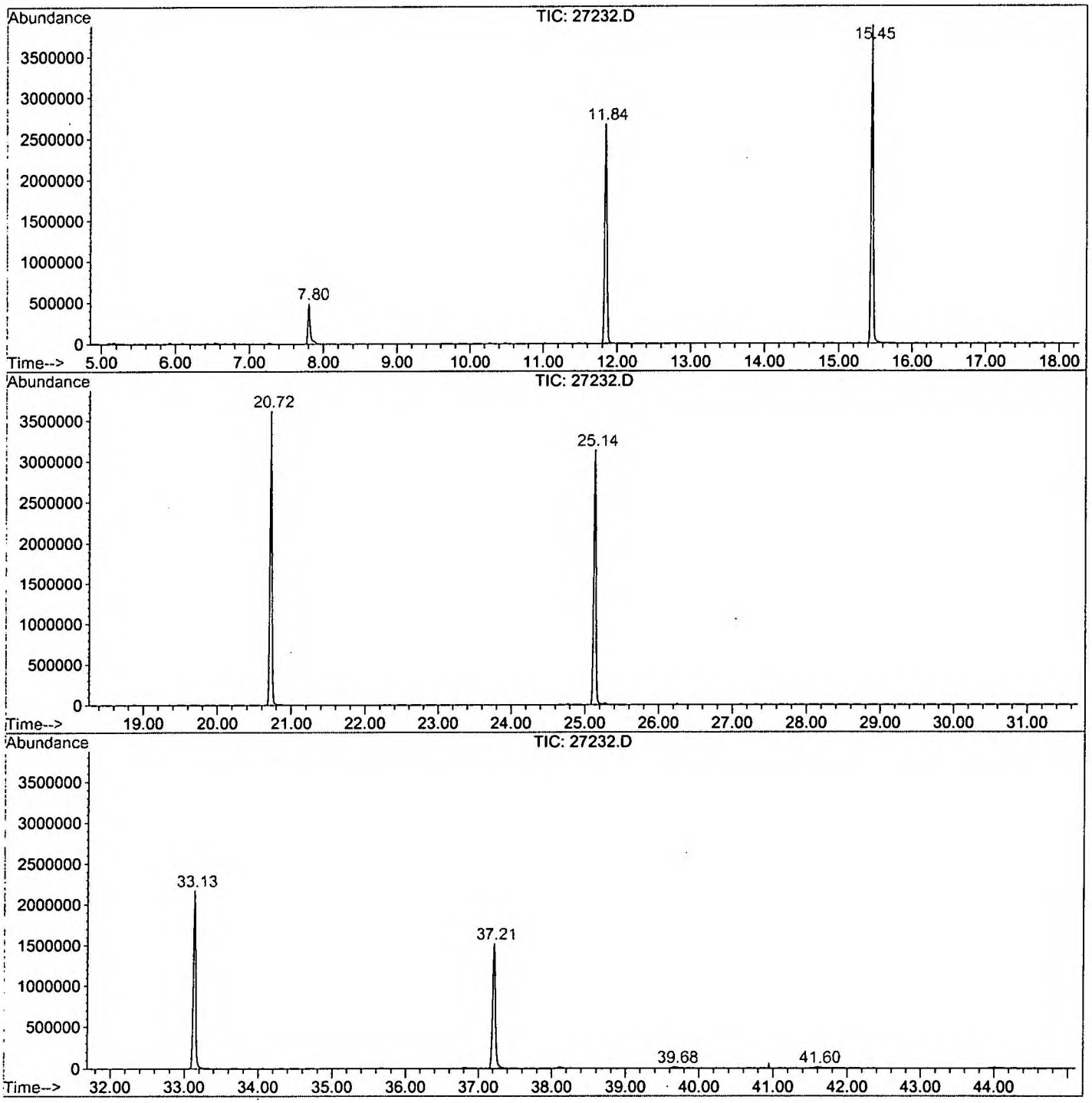
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.804	319	323	337	rBV	491115	1065314	14.40%	2.900%
2	11.839	758	763	780	rVB	2672907	5727958	77.40%	15.591%
3	15.452	1151	1157	1171	rBV	3874210	7400332	100.00%	20.143%
4	20.724	1726	1732	1749	rBV	3620344	7118524	96.19%	19.376%
5	25.135	2206	2213	2224	rBV2	3138293	6483233	87.61%	17.647%
6	33.131	3079	3085	3099	rBV2	2170794	4778535	64.57%	13.007%
7	37.212	3523	3530	3545	rBV2	1516647	3997826	54.02%	10.882%
8	39.679	3791	3799	3807	rBV3	18110	84614	1.14%	0.230%
9	41.605	3999	4009	4020	rBV5	14688	82750	1.12%	0.225%

Sum of corrected areas: 36739086

27232.D NP112701.M Fri Dec 14 10:07:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\27232.D
Operator : GALOS
Acquired : 13 Dec 2001 1:18 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/14
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



27232.D NP112701.M Fri Dec 14 10:07:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27232.D
Acq On : 13 Dec 2001 1:18 am
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

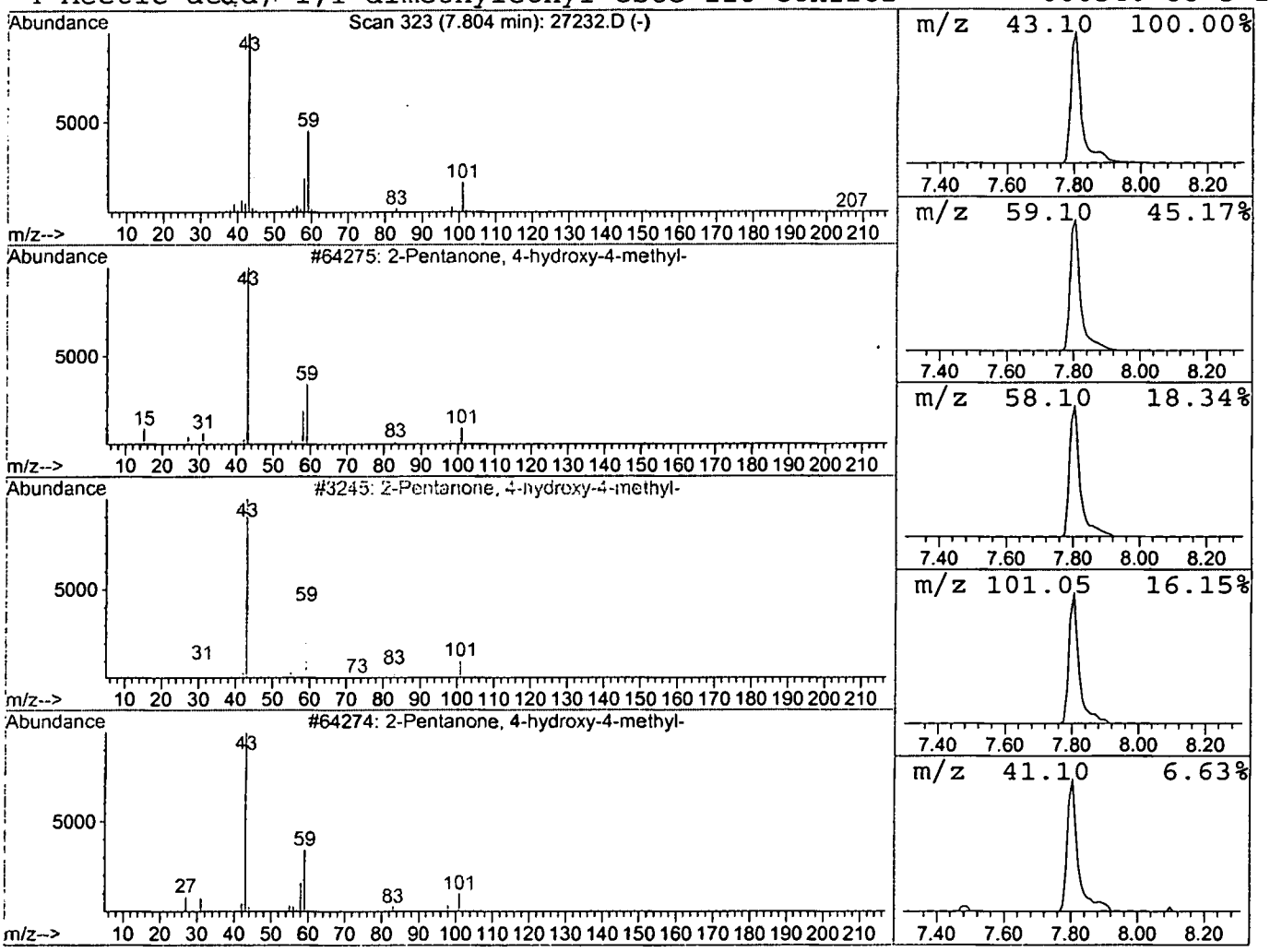
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.72 ng/uL	1065310	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27232.D
Acq On : 13 Dec 2001 1:18 am
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

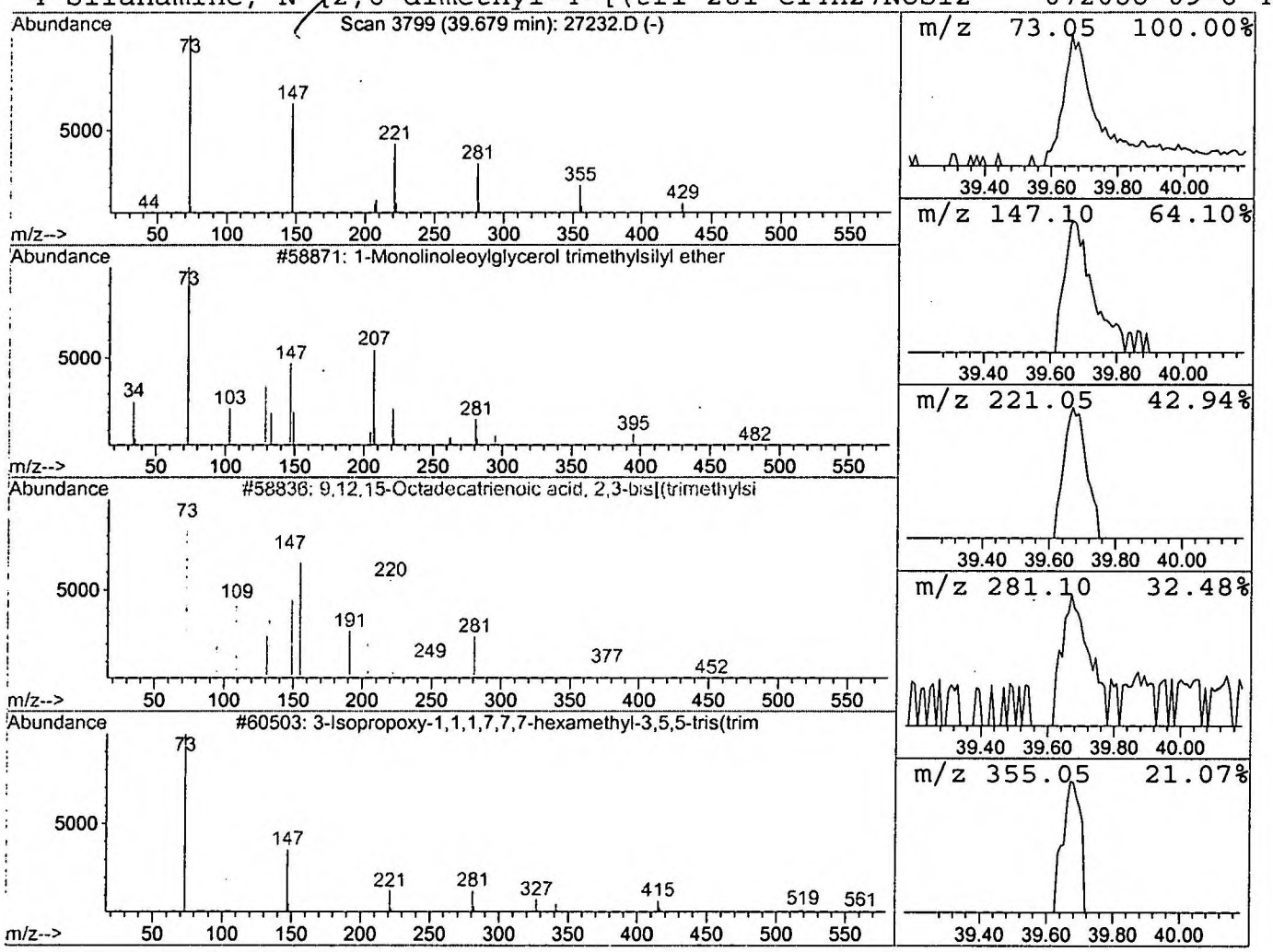
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Monolinoleoylglycerol trimet Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.68	0.42 ng/uL	84614	Perylene-d12	37.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
2	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	10
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27232.D
Acq On : 13 Dec 2001 1:18 am
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

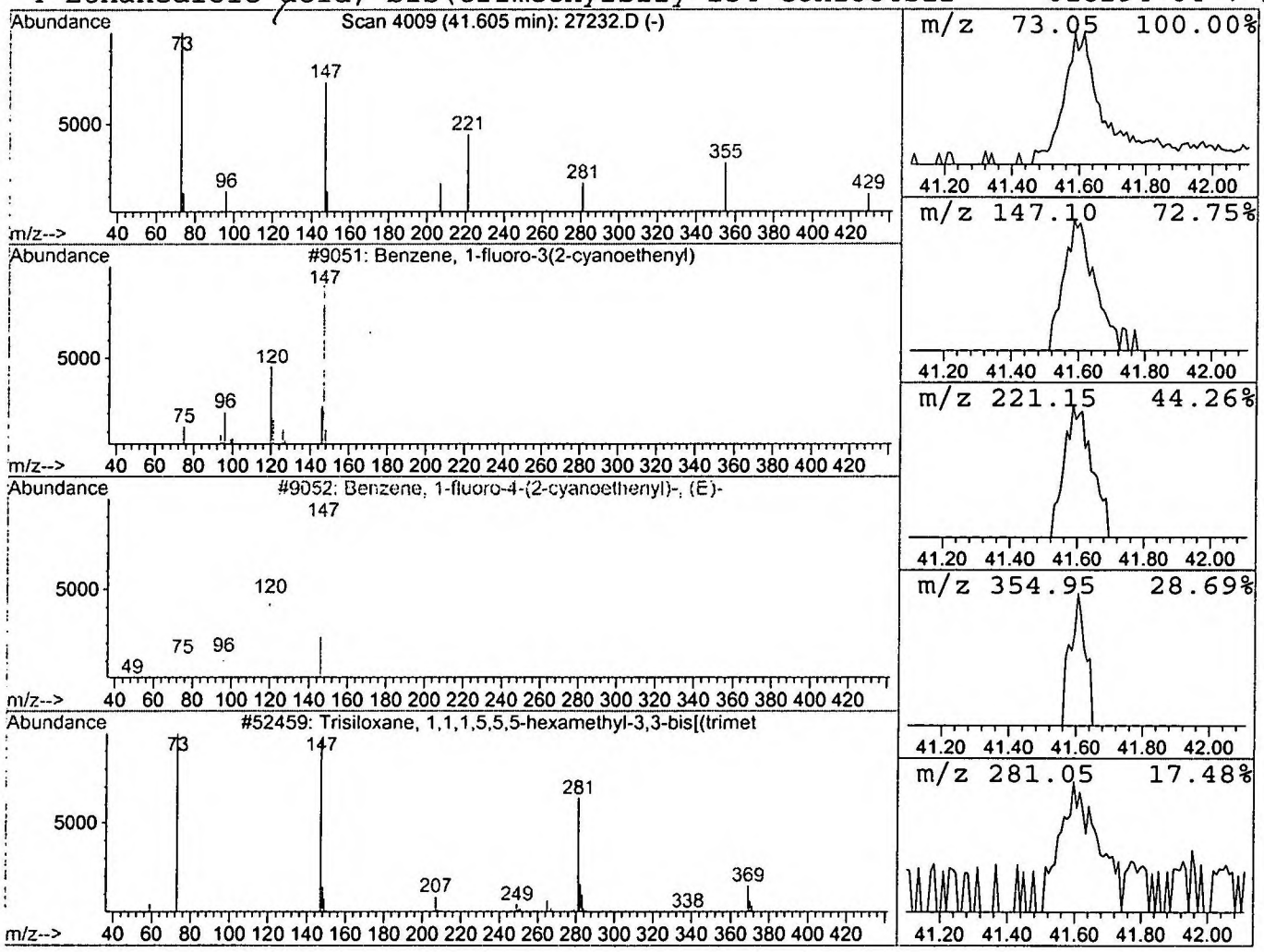
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzene, 1-fluoro-3(2-cyanoeth Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.60	0.41 ng/uL	82750	Perylene-d12	37.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-3(2-cyanoethenyl)	147	C9H6FN	000000-00-0	9
2	Benzene, 1-fluoro-4-(2-cyanoethenyl	147	C9H6FN	027530-50-3	9
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	9
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 1:18 am
Data File: C:\HPCHEM\1\DATA\DEC1201\27232.D
Name: gc/ms unknown 11/14
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-Pentanone, 4-hydro	7.80	3.7	ng/uL	1065310	ISTD01	11.85	5727960	20.0
1-Monolinoleoylglyce	39.68	0.4	ng/uL	84614	ISTD06	37.21	3997830	20.0
Benzene, 1-fluoro-3(	41.60	0.4	ng/uL	82750	ISTD06	37.21	3997830	20.0

27232.D NP112701.M Fri Dec 14 10:07:53 2001