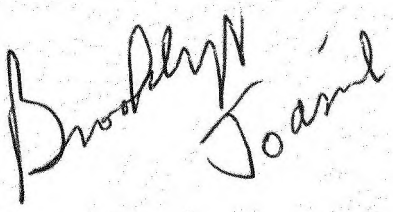
User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:00:37

Sample: AD27392
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 11:25 Ended: 12/19/01 11:25 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 AD27392 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-19-2001 Time: 13:00:45

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\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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	981760	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4026869	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1742182	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.15	188	2553172	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1644176	20.00	ng/uL	-0.10
68) Perylene-d12	37.23	264	1213575	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	11.86	132	720	0.01	ng/uL	0.44
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	18.90	172	1719	0.02	ng/uL	0.06
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\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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	13.14	70	315	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	21.18	65	982	N.D.		
44)	2,4-Dinitrotoluene	0.00	165	0	N.D.		
45)	Diethylphthalate	22.24	149	346	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	21903	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\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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

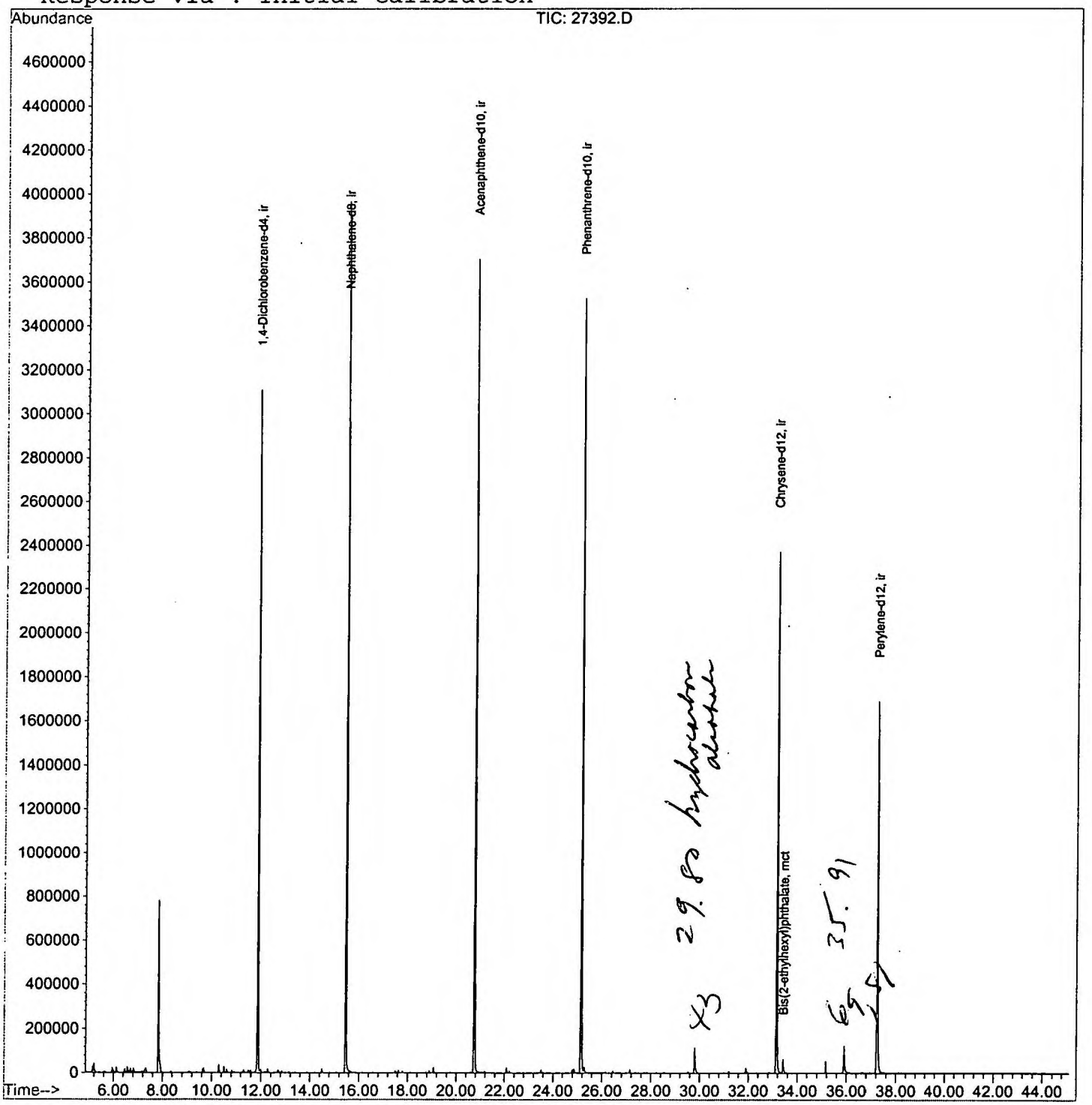
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.15	228	3888	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	53529	0.56 ng/uL	98
67)	Chrysene	33.15	228	3888	N.D.	
69)	Di-n-Octylphthalate	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	3814	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\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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\DEC1301\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms 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

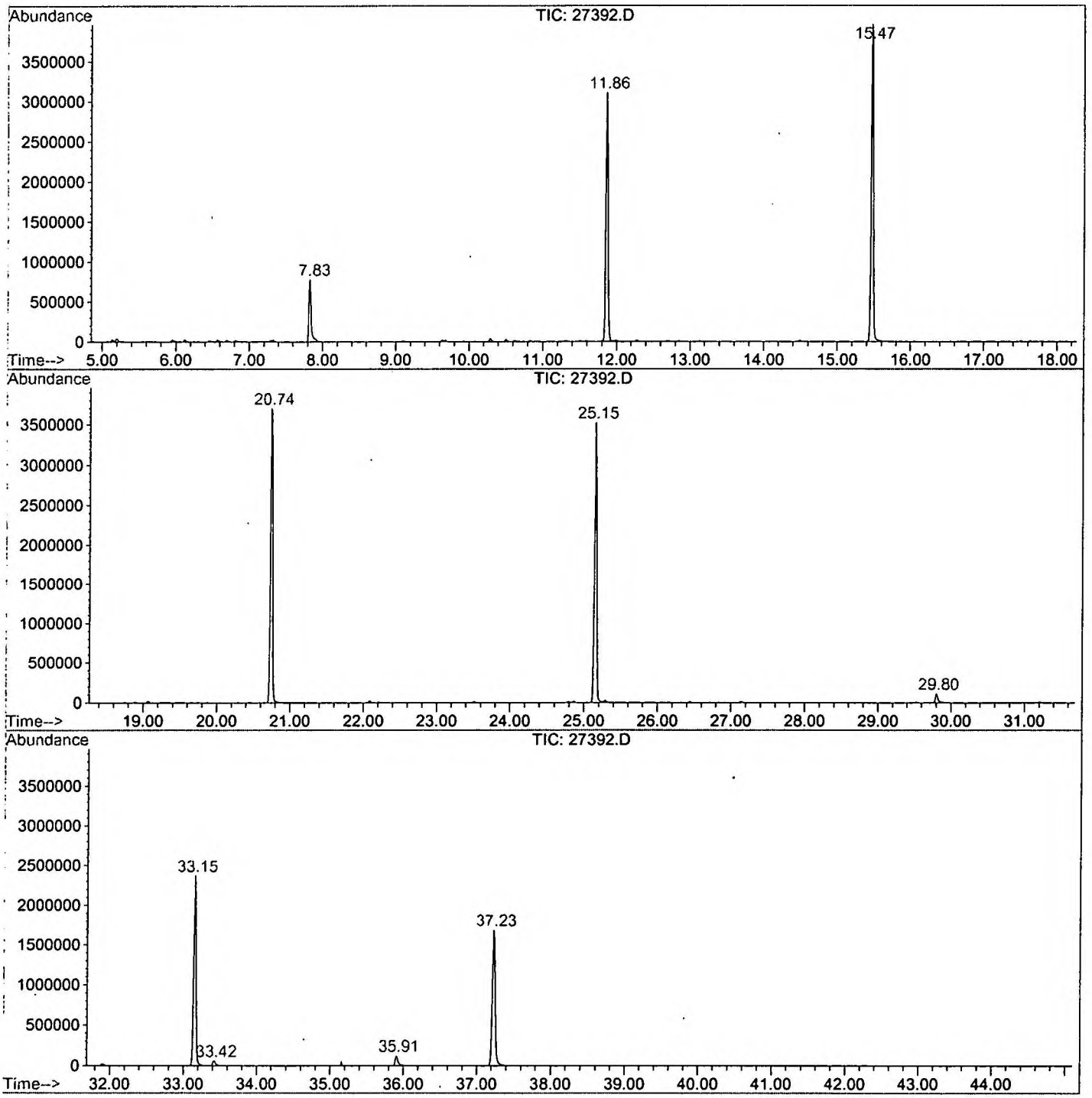
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.829	322	326	339	rBV	780102	1682205	20.83%	4.049%
2	11.864	761	766	775	rVB	3102940	6154992	76.22%	14.816%
3	15.467	1153	1159	1176	rBV	3963271	8075253	100.00%	19.438%
4	20.740	1728	1734	1746	rBV	3703736	7843237	97.13%	18.879%
5	25.151	2209	2215	2226	rBV2	3523302	7184937	88.97%	17.295%
6	29.800	2717	2722	2737	rBV	115943	292879	3.63%	0.705%
7	33.147	3081	3087	3099	rBV2	2370219	5282538	65.42%	12.716%
8	33.422	3111	3117	3126	rBV	61468	175913	2.18%	0.423%
9	35.908	3382	3388	3403	rBV	122759	335270	4.15%	0.807%
10	37.228	3524	3532	3550	rBV2	1686474	4516515	55.93%	10.872%

Sum of corrected areas: 41543739

27392.D NP112701.M Fri Dec 14 12:39:17 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27392.D
Operator : GALOS
Acquired : 13 Dec 2001 11:06 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/14
Misc Info :
Vial Number: 15
Quant File :NP112701.RES (RTE Integrator)



27392.D NP112701.M Fri Dec 14 12:39:20 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

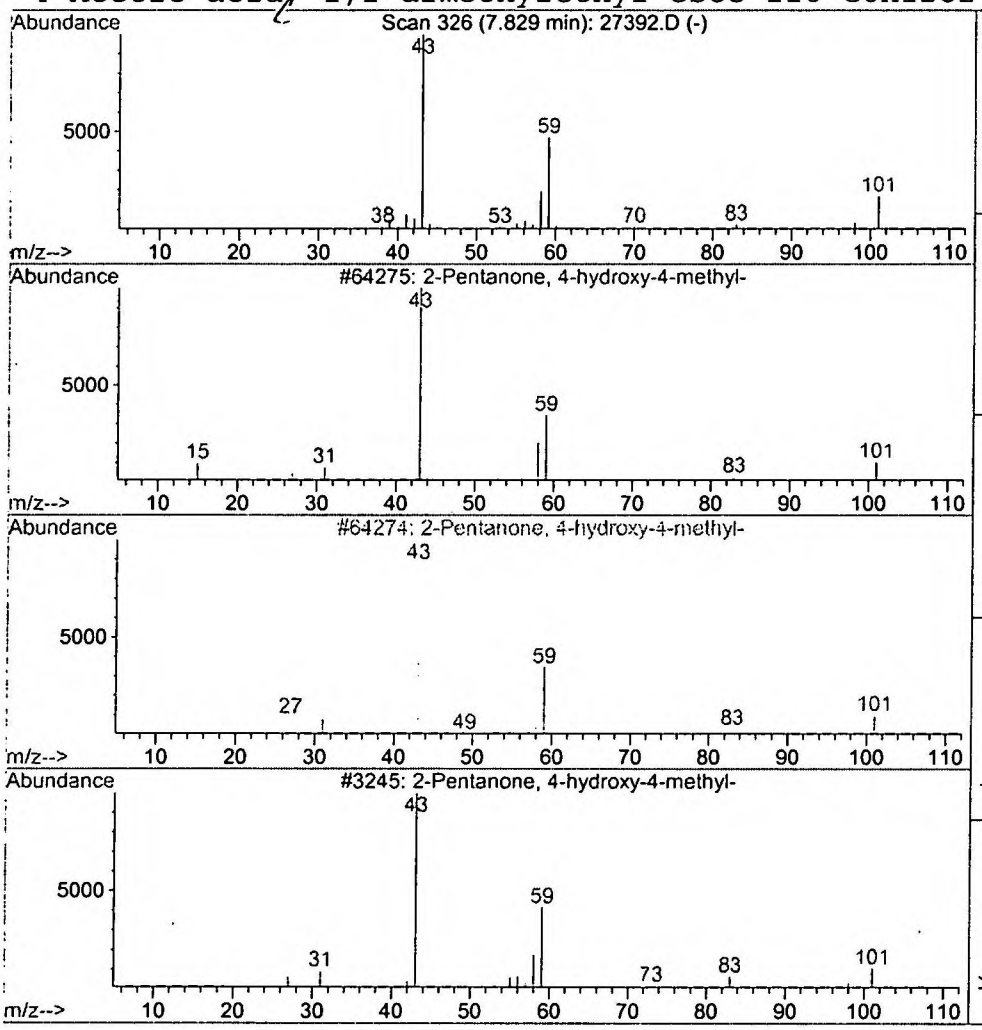
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

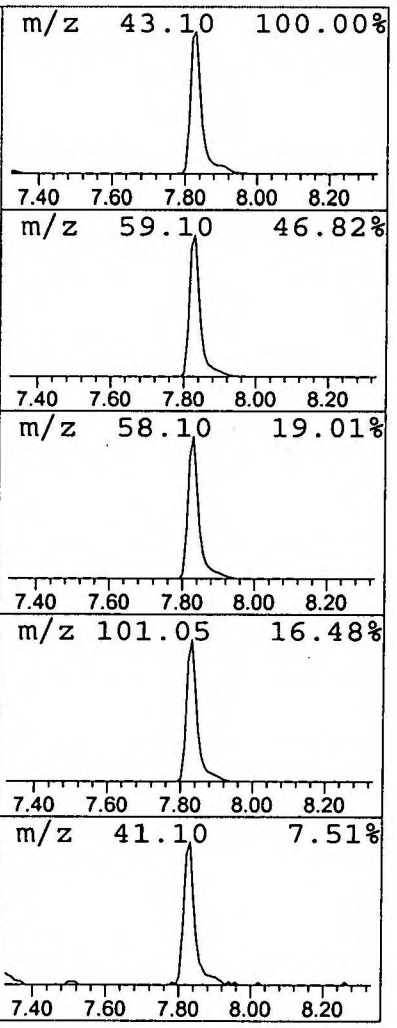
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	5.47 ng/uL	1682210	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	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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\DEC1301\27392.D
Acq On : 13 Dec 2001 11:06 pm
Sample : gcms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

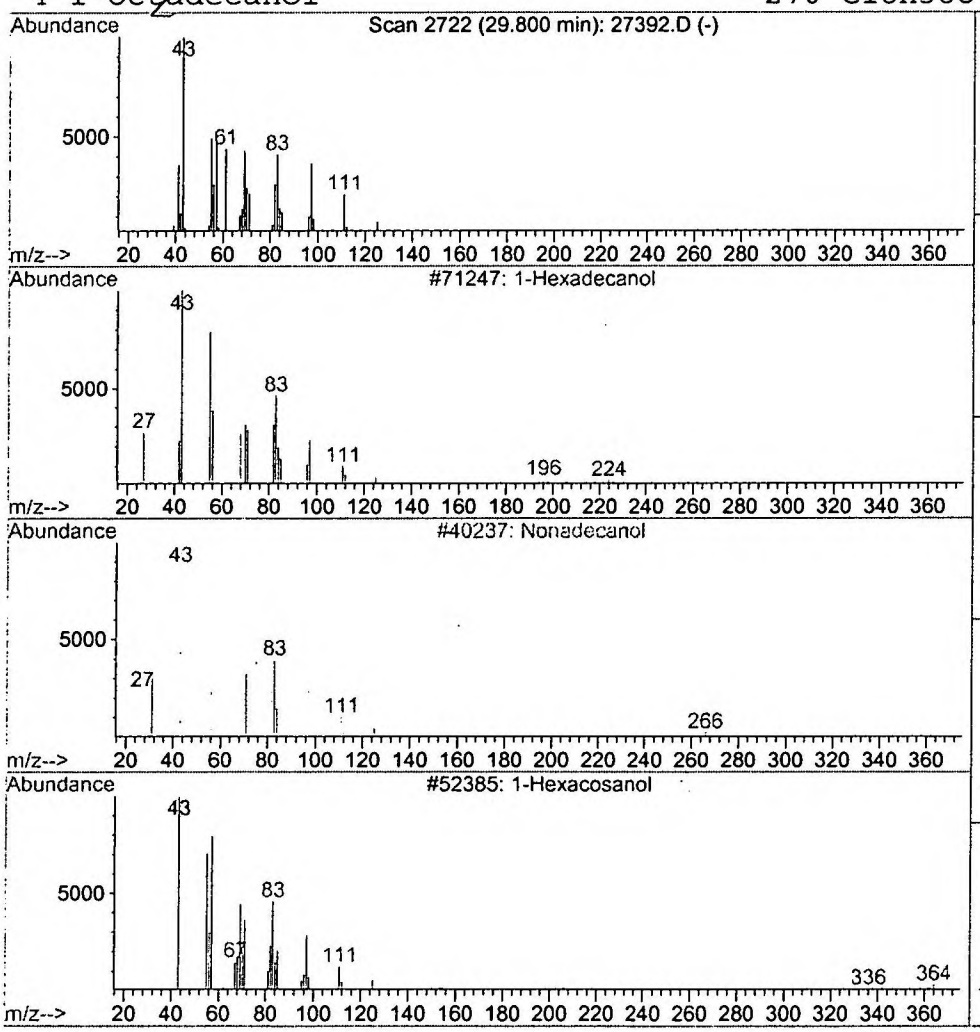
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

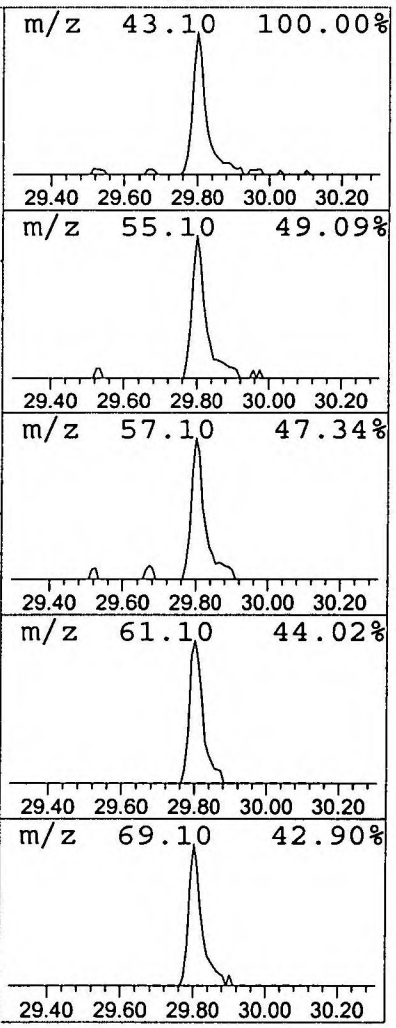
****

Peak Number 2 1-Hexadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.80	1.11 ng/uL	292879	Chrysene-d12	33.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	46
2	Nonadecanol	284	C19H40O	052783-43-4	43
3	1-Hexacosanol	382	C26H54O	000506-52-5	43
4	1-Octadecanol	270	C18H38O	000112-92-5	38





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27392.D Vial: 15
Acq On : 13 Dec 2001 11:06 pm Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

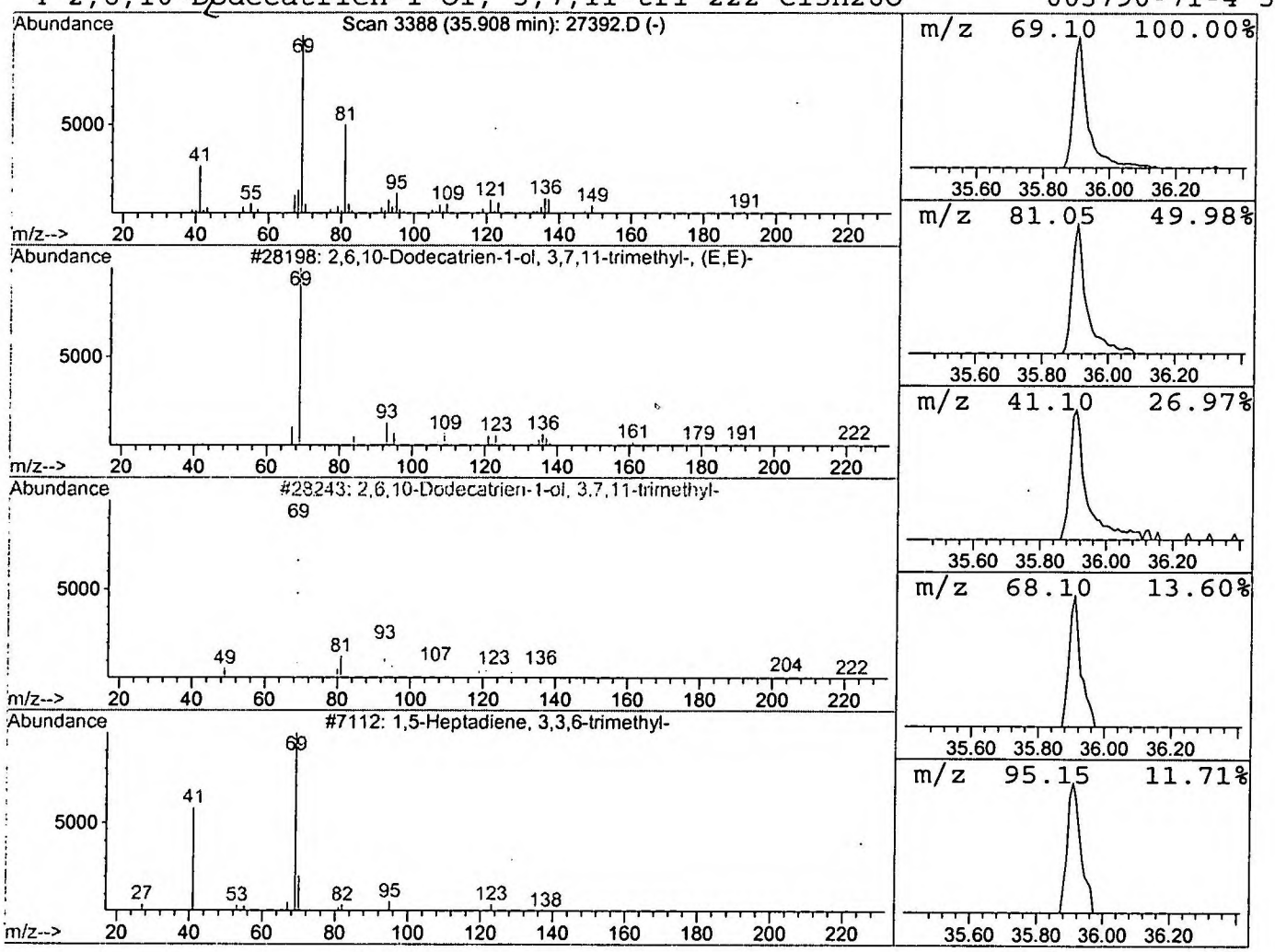
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2,6,10-Dodecatrien-1-ol, 3,7,1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.91	1.48 ng/uL	335270	Perylene-d12	37.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	222	C15H26O	000106-28-5	56
2	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	222	C15H26O	004602-84-0	56
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53
4	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	222	C15H26O	003790-71-4	50



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 11:06 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27392.D
Name: gcms 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	7.83	5.5	ng/uL	1682210	ISTD01	11.86	6154990	20.0
1-Hexadecanol	29.80	1.1	ng/uL	292879	ISTD05	33.15	5282540	20.0
2,6,10-Dodecatrien-1	35.91	1.5	ng/uL	335270	ISTD06	37.23	4516520	20.0

27392.D NP112701.M Fri Dec 14 12:39:28 2001

Comments for Sample AD27392 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-24-2001 Time: 12:32:44

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.