User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/17/2001 Time: 10:15:19

Sample: AD23718
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/17/01 10:09 Ended: 10/17/01 10:09 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23718 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-17-2001 Time: 10:15:24

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\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:39 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	404510	20.00	ug/l	-0.15
19) Naphthalene-d8	15.37	136	1582086	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	745626	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	1075640	20.00	ug/l	-0.15
59) Chrysene-d12	33.13	240	782843	20.00	ug/l	-0.15
68) Perylene-d12	37.23	264	577488	20.00	ug/l	-0.19
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.29	152	4394	0.22	ug/l	-0.15
Spiked Amount 50.000			Recovery =	0.44%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.79	172	1571	0.03	ug/l	-0.02
Spiked Amount 50.000			Recovery =	0.06%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		

Target Compounds				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitroso-dimethyl amine	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.
17) N-Nitroso-di-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.

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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	22.15	149	225494	4.50 ug/l	99
46) 4-Chlorophenyl-phenylether	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	168	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	25.09	178	414	N.D.	
56) Anthracene	25.09	178	414	N.D.	
57) Di-n-butylphthalate	27.08	149	3932	N.D.	
58) Fluoranthene	0.00	202	0	N.D.	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
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	33.13	228	1654	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.39	149	4142	N.D.	
67) Chrysene	33.13	228	1654	N.D.	
69) Di-n-Octylphthalate	0.00	149	0	N.D.	
70) Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

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Acq On : 16 Oct 2001 12:54 am
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Quant Time: Oct 16 14:39 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.24	252	1998	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

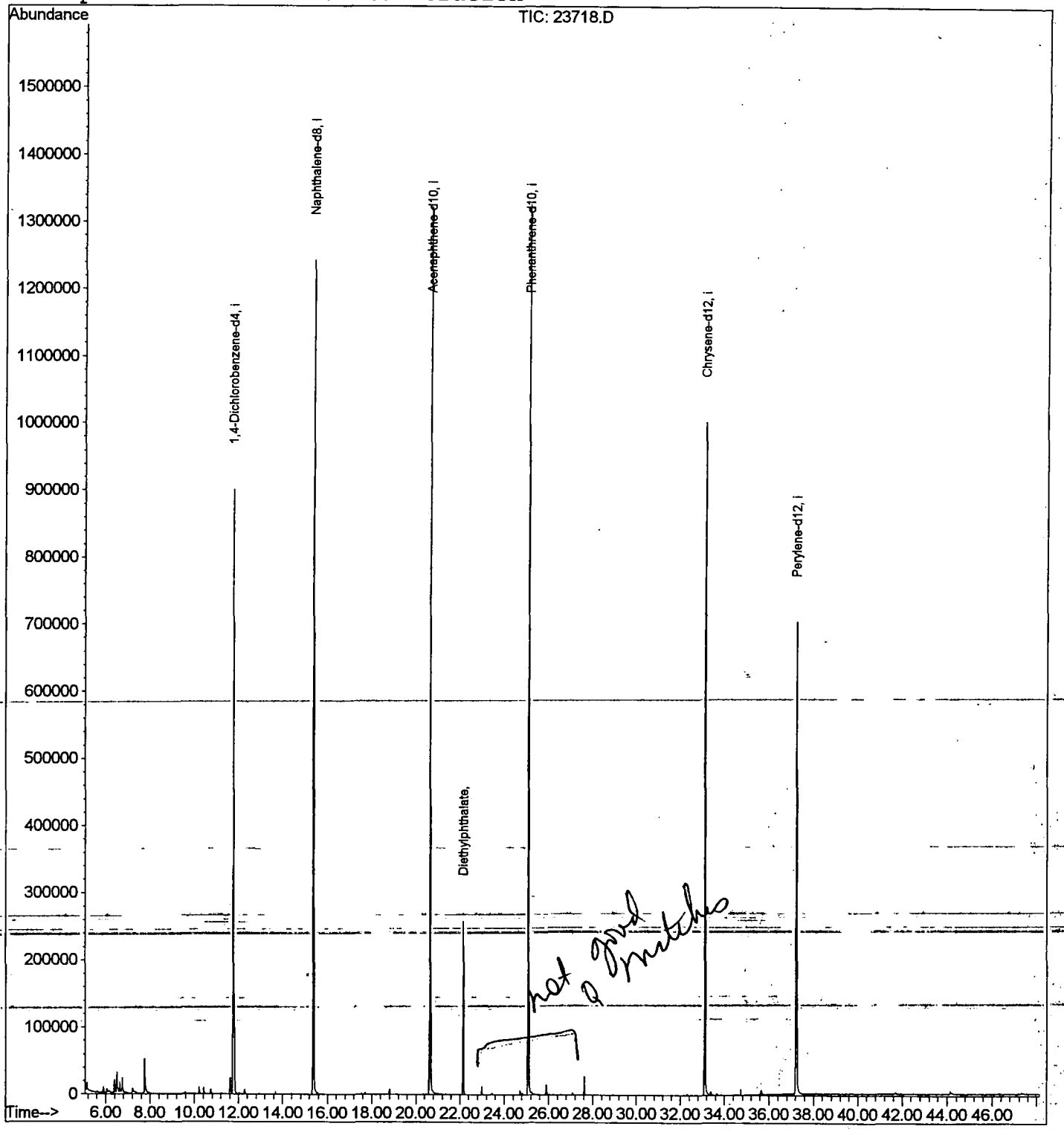
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 16 14:39 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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

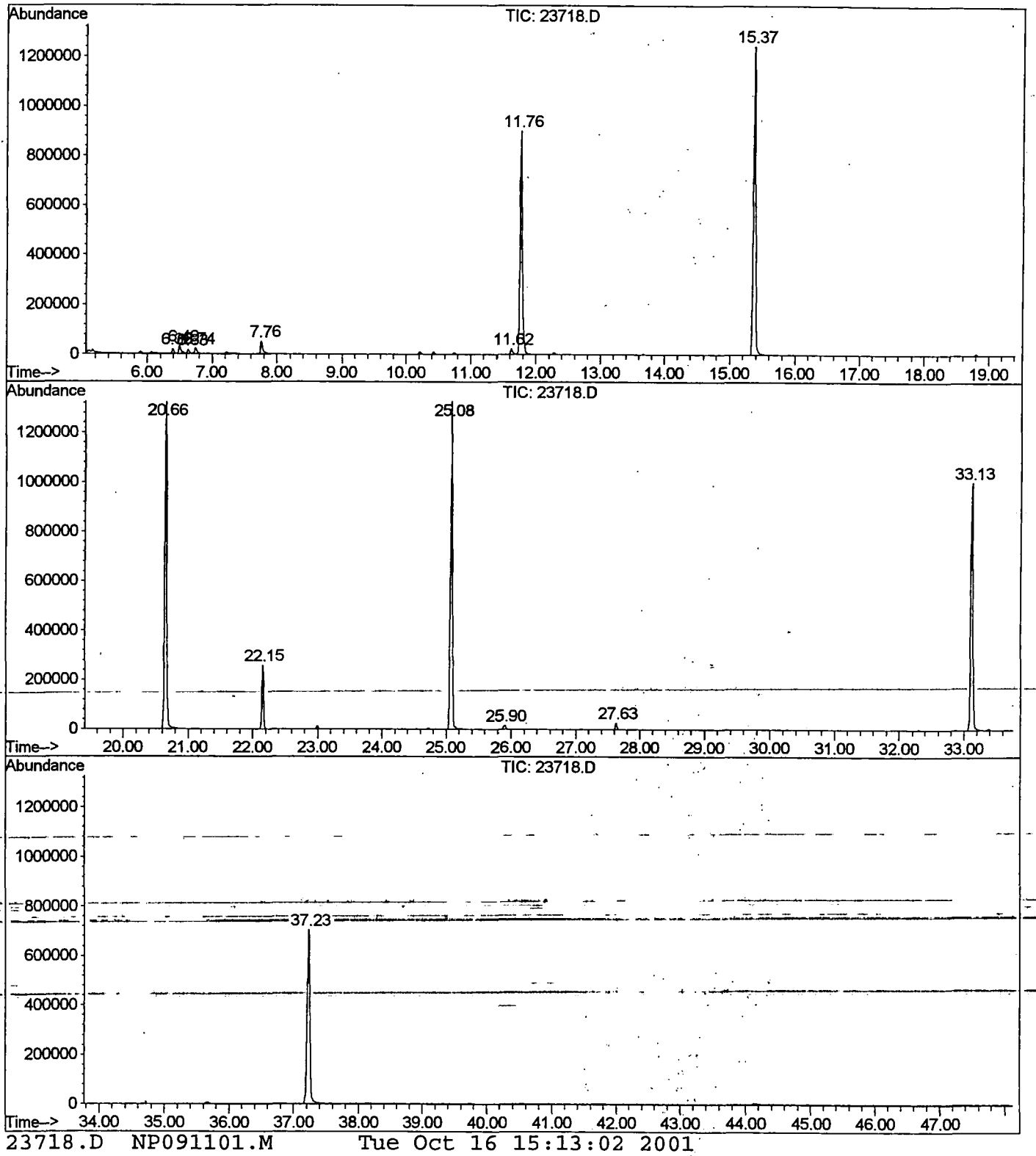
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.392	142	147	153	rBV	19885	39760	1.34%	0.246%
2	6.493	154	158	168	rVV	30380	77109	2.59%	0.477%
3	6.631	170	173	181	rVV	15265	32814	1.10%	0.203%
4	6.741	181	185	191	rVB	21363	44288	1.49%	0.274%
5	7.760	292	296	309	rBV	50620	123589	4.16%	0.765%
6	11.625	712	717	726	rBV	24237	55888	1.88%	0.346%
7	11.763	727	732	749	rVV	900216	2095775	70.47%	12.965%
8	15.371	1119	1125	1138	rBV	1243260	2875750	96.70%	17.790%
9	20.658	1693	1701	1715	rBV	1322186	2973925	100.00%	18.397%
10	22.155	1857	1864	1876	rBV	258743	499148	16.78%	3.088%
11	25.083	2176	2183	2196	rBV	1326670	2775995	93.34%	17.173%
12	25.900	2265	2272	2278	rVB	15603	41952	1.41%	0.260%
13	27.626	2456	2460	2465	rBV	27811	49306	1.66%	0.305%
14	33.125	3051	3059	3077	rBV2	1002457	2408686	80.99%	14.901%
15	37.229	3497	3506	3521	rBV2	703906	2070993	69.64%	12.812%

Sum of corrected areas: 16164978

23718.D NP091101.M Tue Oct 16 15:13:00 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Operator : 209 GALOS
Acquired : 16 Oct 2001 12:54 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 14
Quant File :NP091101.RES (RTE Integrator)



23718.D NP091101.M Tue Oct 16 15:13:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

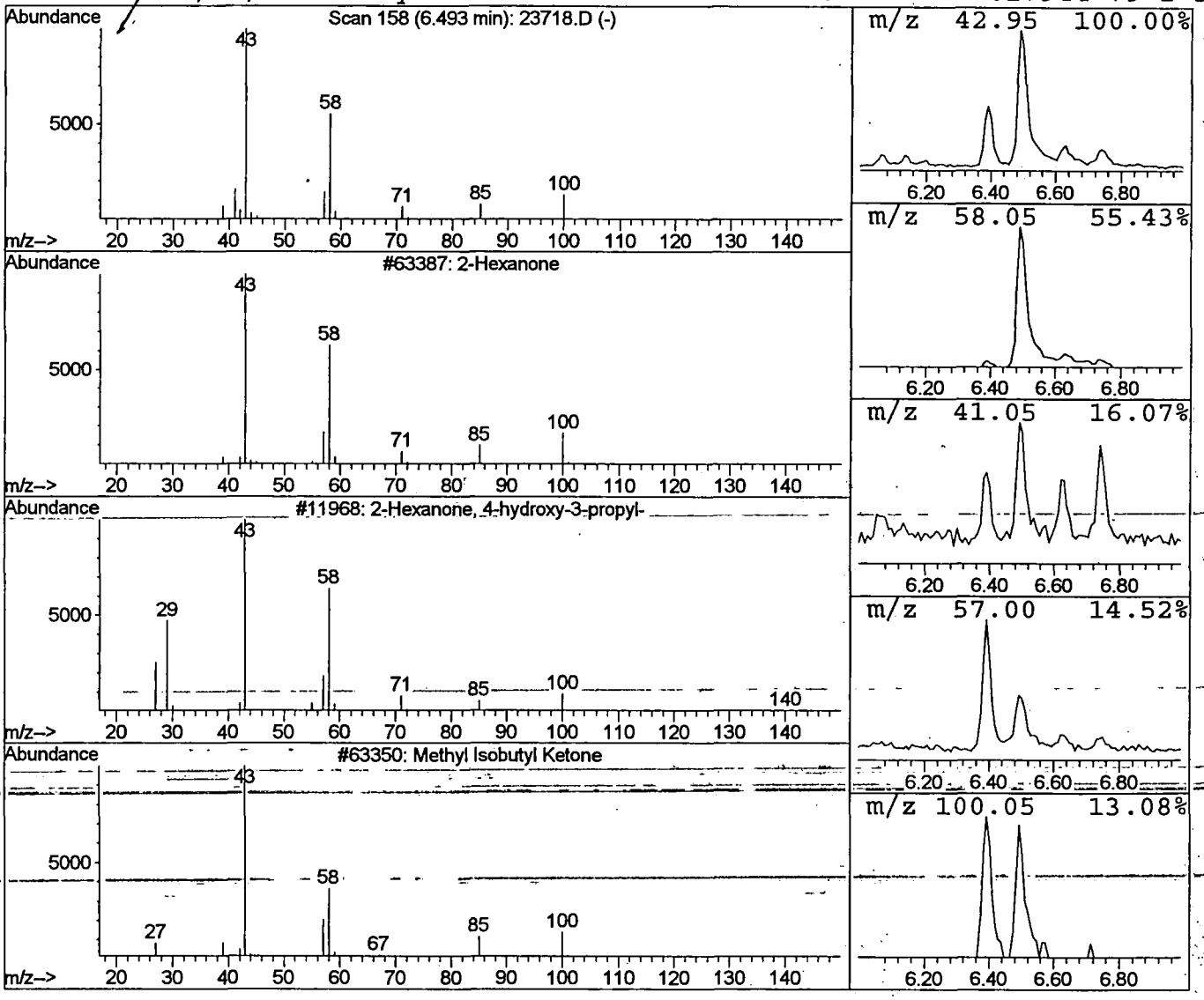
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.74 ug/l	77109	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
4	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

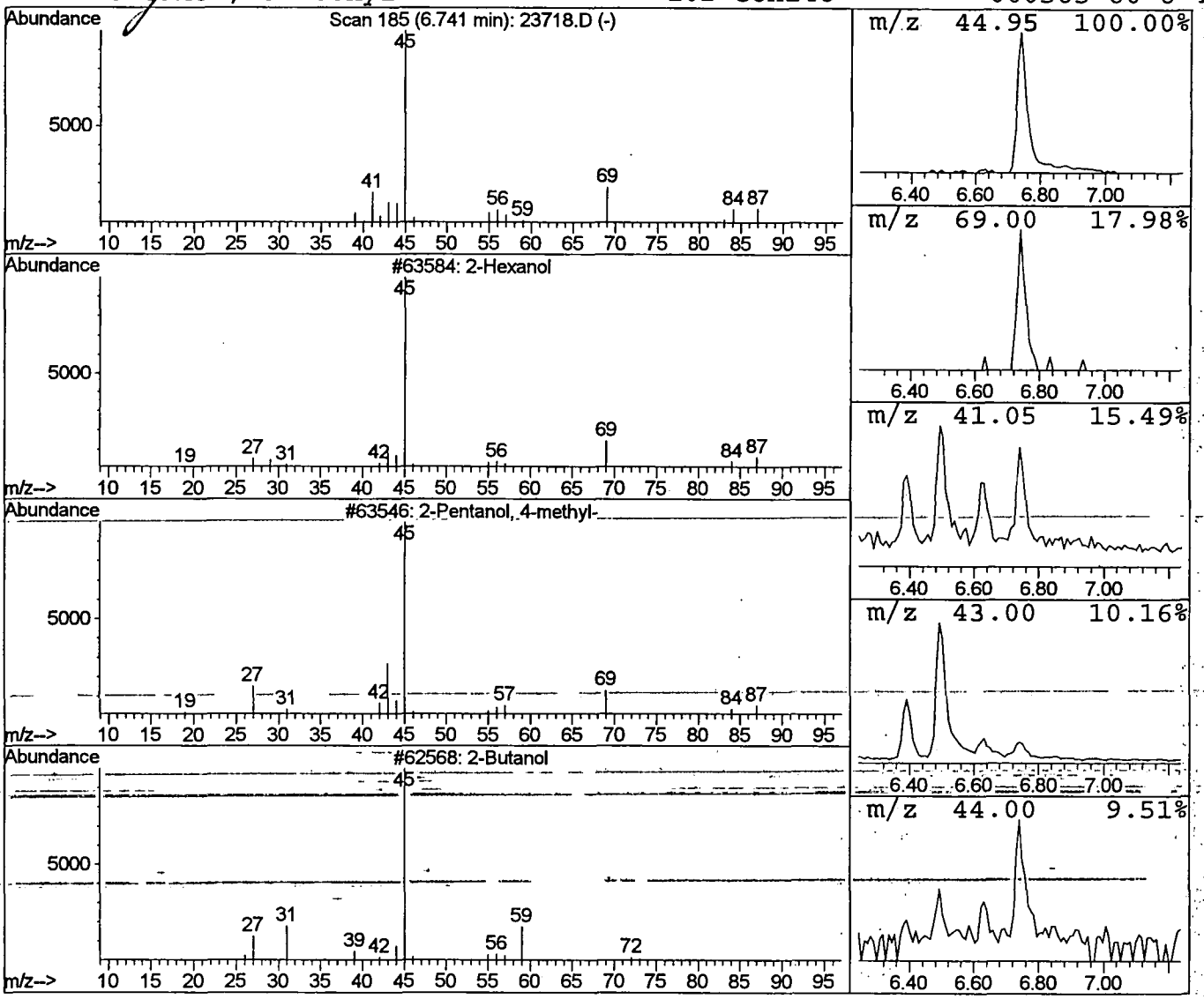
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.42 ug/l	44288	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	2-Butanol	74	C4H10O	000078-92-2	50
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

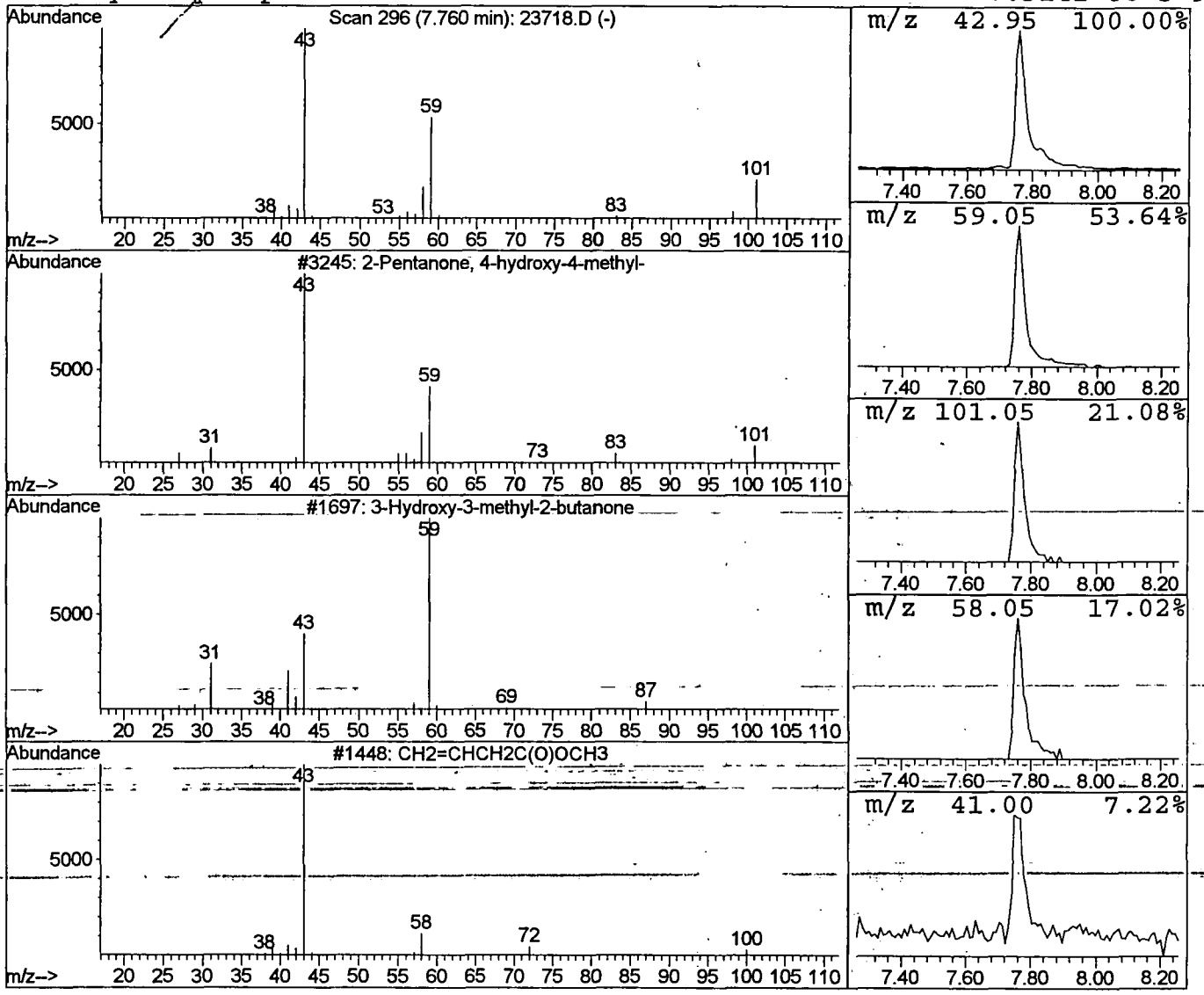
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.18 ug/l	123589	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT1501\23718.D
Acq On : 16 Oct 2001 12:54 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

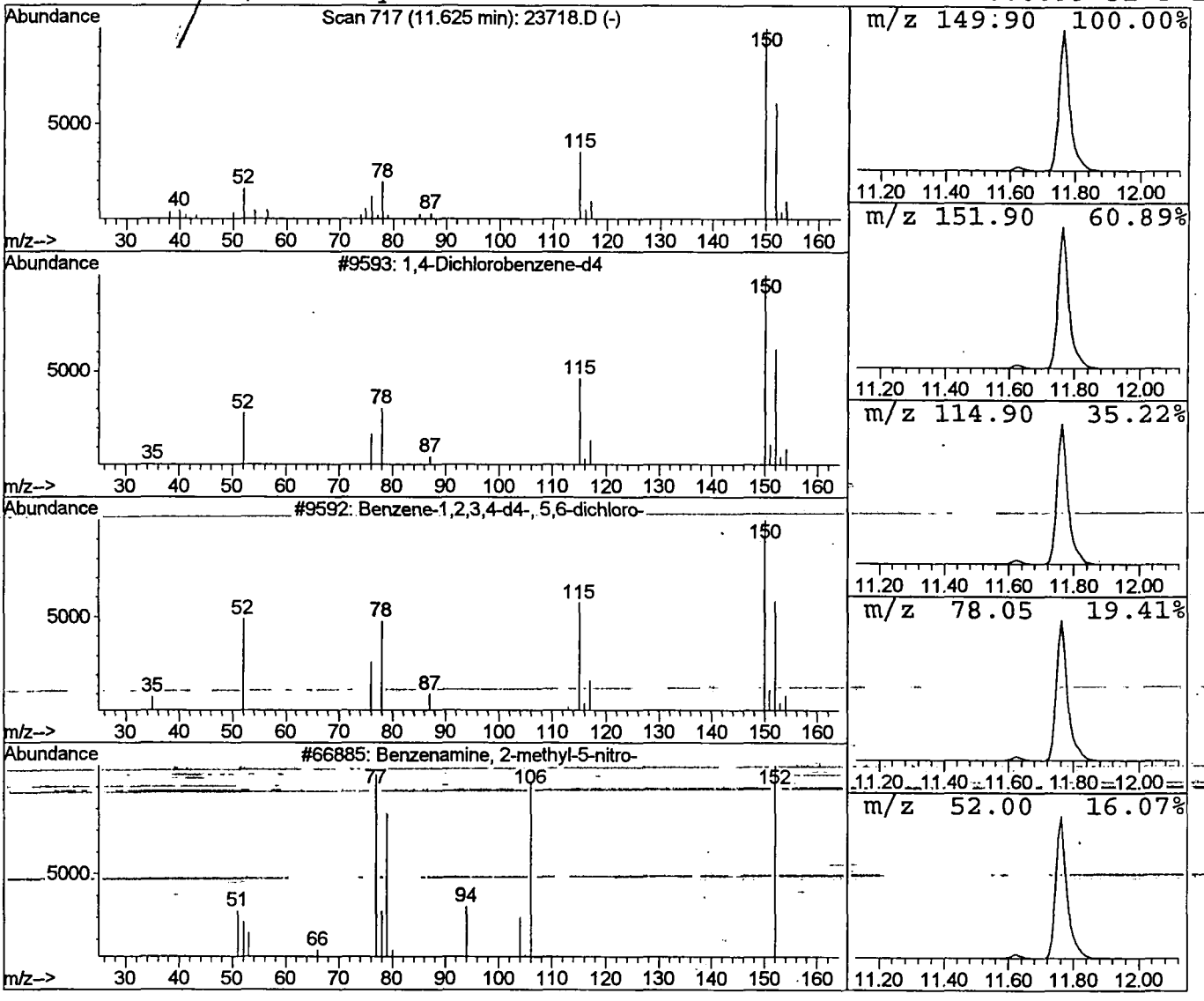
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.53 ug/l	55888	1,4-Dichlorobenzene-d4	11.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	17
3	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	12
4	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	12



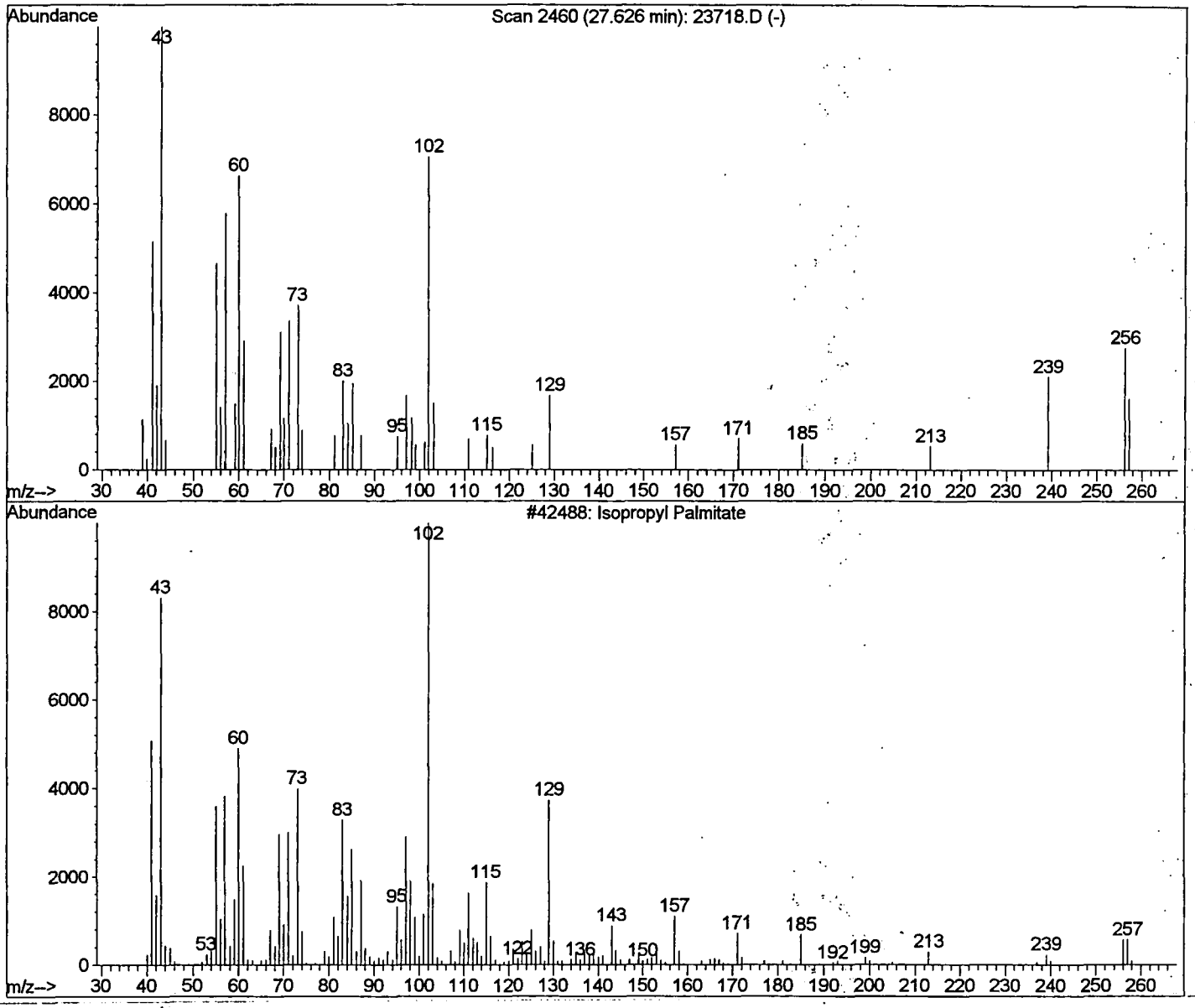
Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Oct 2001 12:54 am
Data File: C:\HPCHEM\1\DATA\OCT1501\23718.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.49	0.7	ug/l	77109	ISTD01	11.76	2095780	20.0
2-Hexanol	6.74	0.4	ug/l	44288	ISTD01	11.76	2095780	20.0
2-Pentanone, 4-hydro	7.76	1.2	ug/l	123589	ISTD01	11.76	2095780	20.0
1,4-Dichlorobenzene-	11.63	0.5	ug/l	55888	ISTD01	11.76	2095780	20.0

23718.D NP091101.M Tue Oct 16 15:13:13 2001

Library Searched : C:\DATABASE\nbs75k.l
Quality : 46
ID : Isopropyl Palmitate

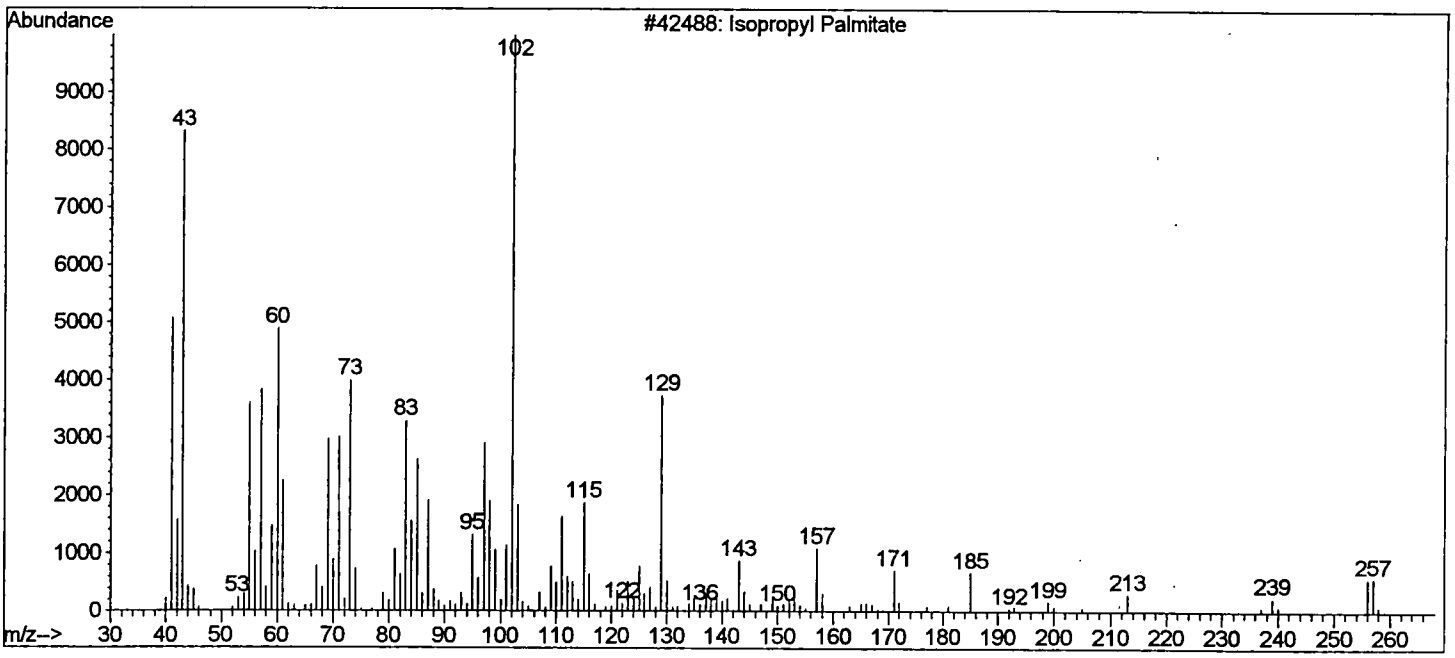


Isopropyl Palmitate

Entry Number	42488	from	C:\DATABASE\nbs75k.l
CAS	000142-91-6		
Melting Point	-300		
Boiling Point	-300		
Retention Index	0		
Mol Formula	C19H38O2		
Mol Weight	298.286		
Company ID	NIST 1992		

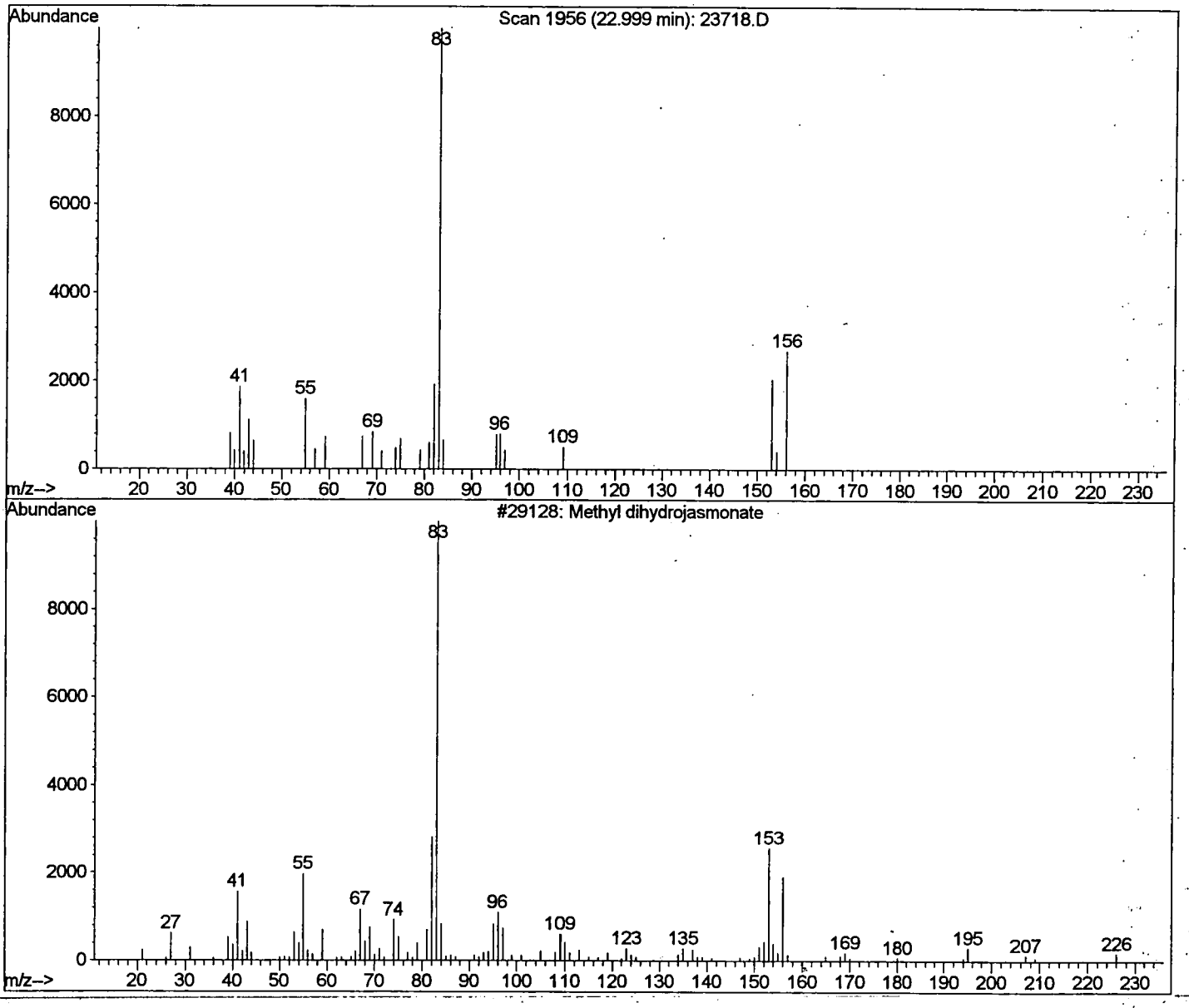
Miscellaneous Information

QI=75 Derivatives; Amino Acids; Metals; Carbohydrates; Misc Natural products;



No structure available for 000142-91-6

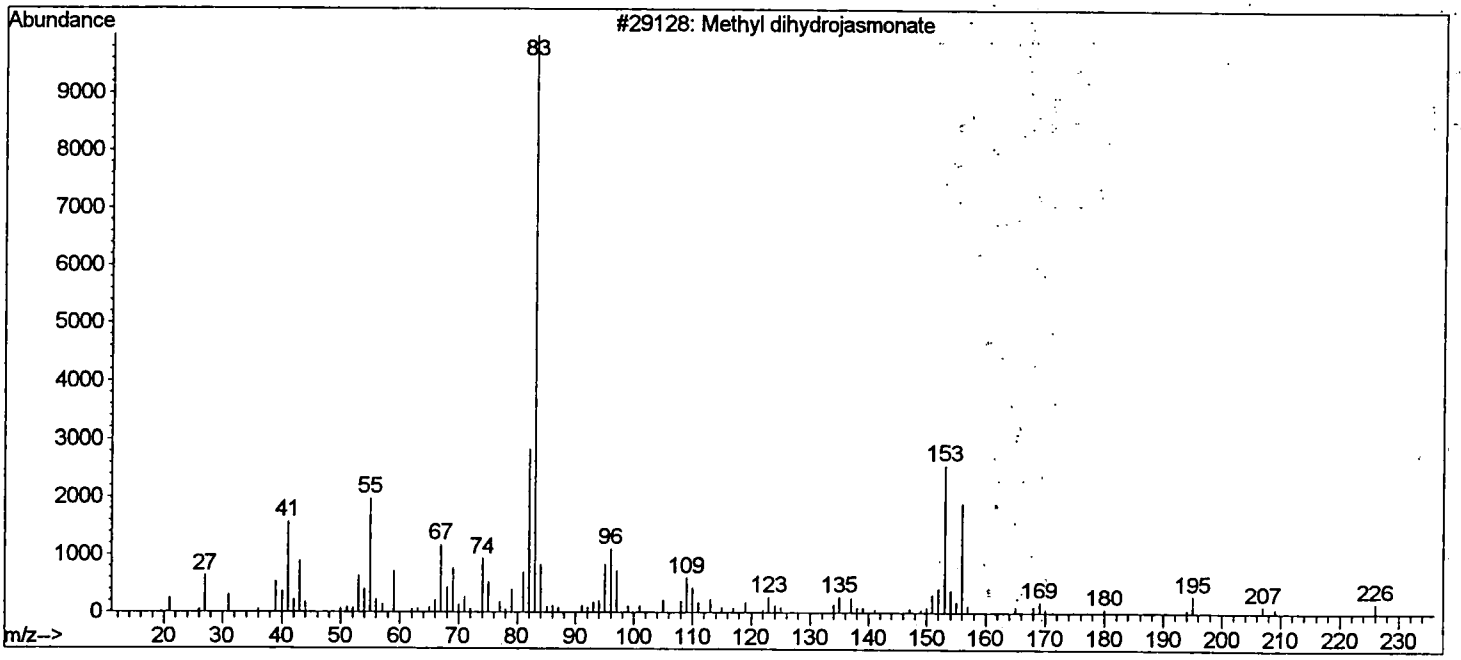
Library Searched : C:\DATABASE\nbs75k.l
Quality : 53
ID : Methyl dihydrojasmonate



Methyl dihydrojasmonate

Entry Number	29128	from	C:\DATABASE\nbs75k.l
CAS	024851-98-7		
Melting Point	-300		
Boiling Point	-300		
Retention Index	0		
Mol Formula	C13H22O3		
Mol Weight	226.156		
Company ID	NIST 1992		

Miscellaneous Information
QI=78 Drugs; Misc. Natural products;



No structure available for 024851-98-7

Comments for Sample AD23718 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-18-2001 Time: 14:26:43

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, reveals the presence of Diethylphthalate at an estimated level of 4.5 ug/L.