User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 09:14:58

Sample: AD22975
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/15/01 09:14 Ended: 10/15/01 09:14 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D Vial: 11
Acq On : 2 Oct 2001 11:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 4 10:44 2001 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.78	152	473587	20.00	ug/l	-0.13
19) Naphthalene-d8	15.40	136	1851574	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	877409	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.11	188	1233631	20.00	ug/l	-0.13
59) Chrysene-d12	33.15	240	872271	20.00	ug/l	-0.13
68) Perylene-d12	37.28	264	647619	20.00	ug/l	-0.14
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	11.79	132	208	0.01	ug/l	0.38
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.31	152	5381	0.23	ug/l	-0.13
Spiked Amount 50.000			Recovery =	0.46%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.82	172	2030	0.03	ug/l	0.01
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.		

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

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Acq On : 2 Oct 2001 11:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 4 10:44 2001 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
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	0.00	149	0	N.D.	
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	25.12	178	259	N.D.	
56)	Anthracene	25.12	178	259	N.D.	
57)	Di-n-butylphthalate	27.10	149	43547	0.44 ug/l	99
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

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Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

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	2017	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	4130	N.D.	
67) Chrysene	33.15	228	2017	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	37.27	252	2165	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.	

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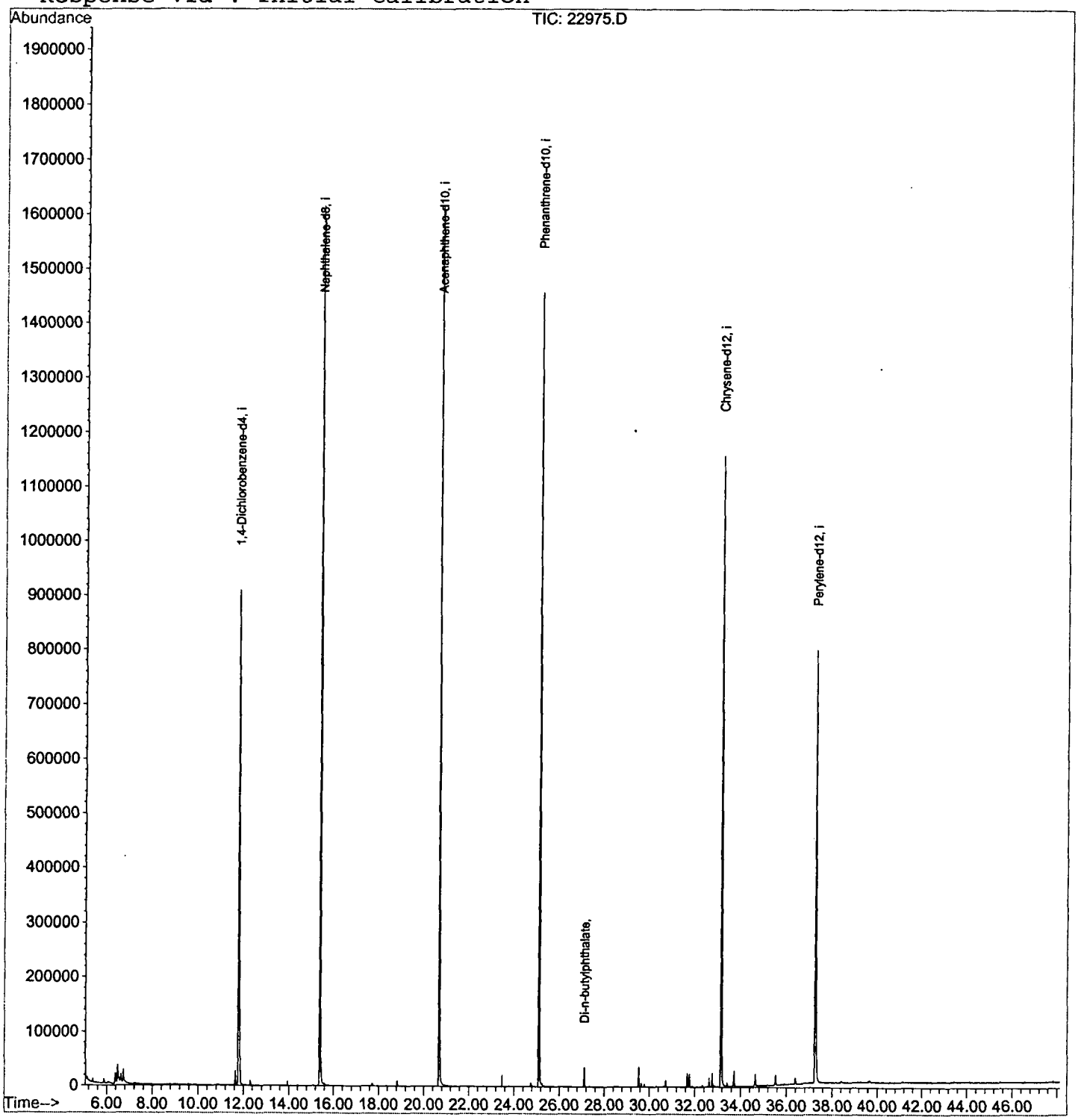
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D Vial: 11
Acq On : 2 Oct 2001 11:53 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 4 10:44 2001 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 : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
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

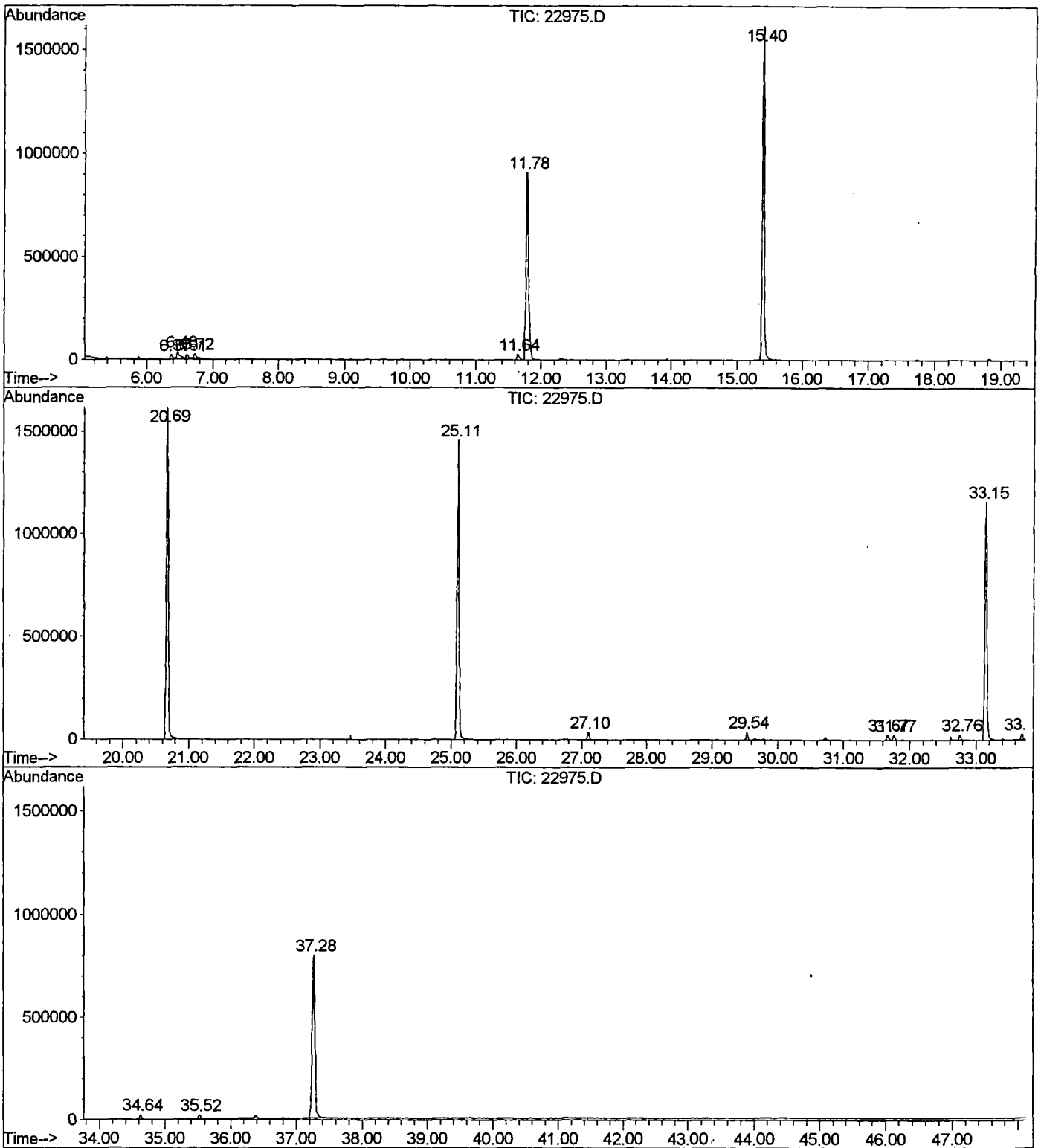
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.375	141	145	150	rBV	19213	42109	1.21%	0.231%
2	6.476	152	156	168	rVV	33108	98039	2.82%	0.538%
3	6.613	168	171	179	rVV	15939	42113	1.21%	0.231%
4	6.723	179	183	193	rVB	22941	50450	1.45%	0.277%
5	11.644	715	719	729	rBV	26819	65345	1.88%	0.358%
6	11.782	729	734	747	rBV	908550	2440852	70.12%	13.386%
7	15.399	1122	1128	1147	rBV	1614737	3376287	97.00%	18.516%
8	20.687	1697	1704	1720	rBV	1616922	3480734	100.00%	19.089%
9	25.112	2179	2186	2197	rBV2	1457419	3132717	90.00%	17.180%
10	27.104	2398	2403	2409	rBV	35792	66516	1.91%	0.365%
11	29.536	2662	2668	2672	rBV	36745	69073	1.98%	0.379%
12	31.666	2896	2900	2906	rBV2	25063	48600	1.40%	0.267%
13	31.767	2906	2911	2916	rVB	23694	49131	1.41%	0.269%
14	32.759	3014	3019	3025	rBV	25187	50794	1.46%	0.279%
15	33.154	3055	3062	3076	rBV2	1157954	2704614	77.70%	14.832%
16	33.714	3116	3123	3128	rBV2	28913	63731	1.83%	0.350%
17	34.641	3215	3224	3229	rBV	21634	49970	1.44%	0.274%
18	35.522	3317	3320	3327	rVB	18253	38853	1.12%	0.213%
19	37.275	3502	3511	3523	rBV2	793659	2364721	67.94%	12.968%

Sum of corrected areas: 18234649

22975.D NP091101.M Mon Oct 15 08:21:14 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Operator : 209 GALOS
Acquired : 2 Oct 2001 11:53 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 11
Quant File :NP091101.RES (RTE Integrator)



22975.D NP091101.M Mon Oct 15 08:21:16 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

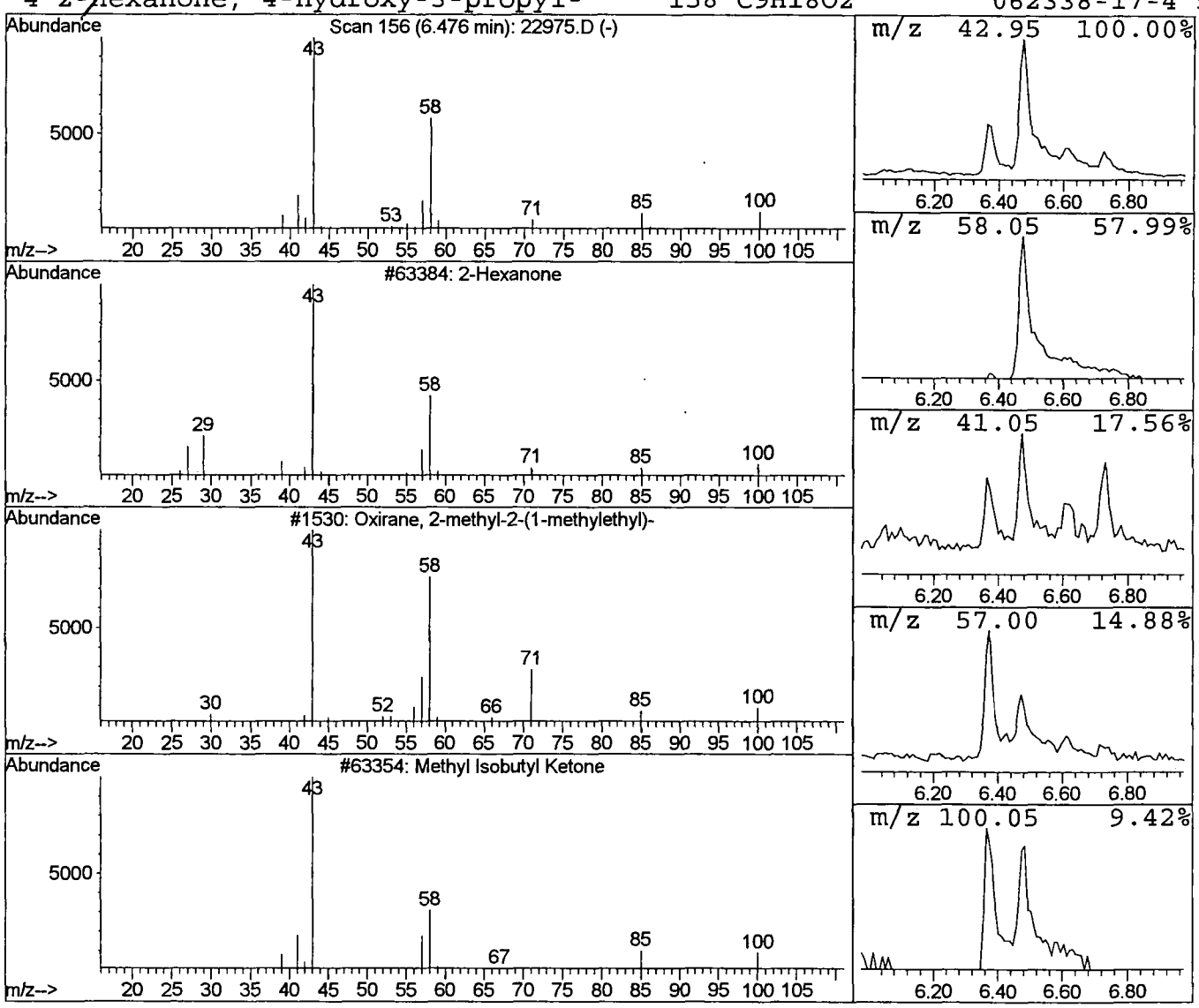
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.80 ug/l	98039	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

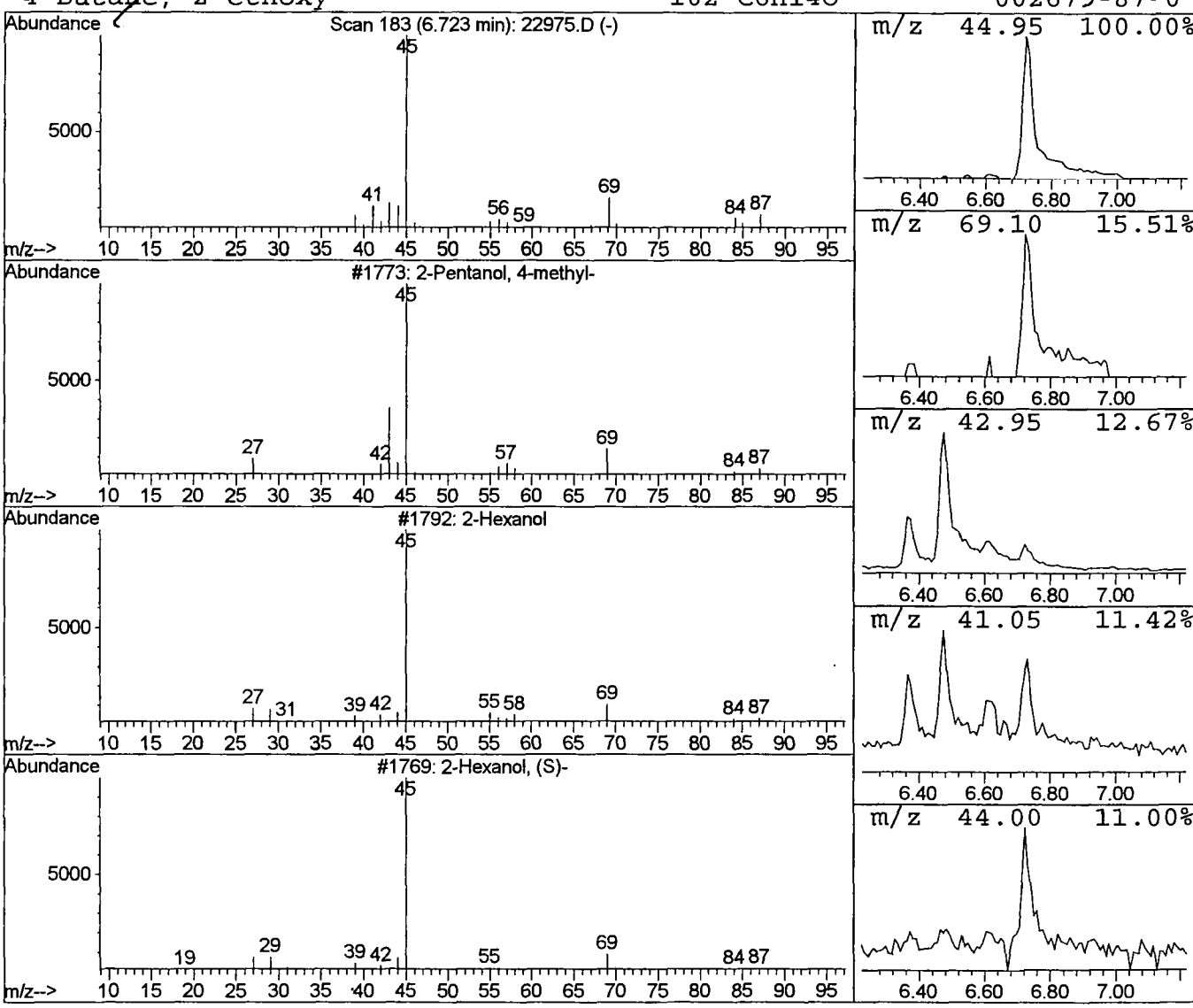
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	0.41 ug/l	50450	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	56
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	50



Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

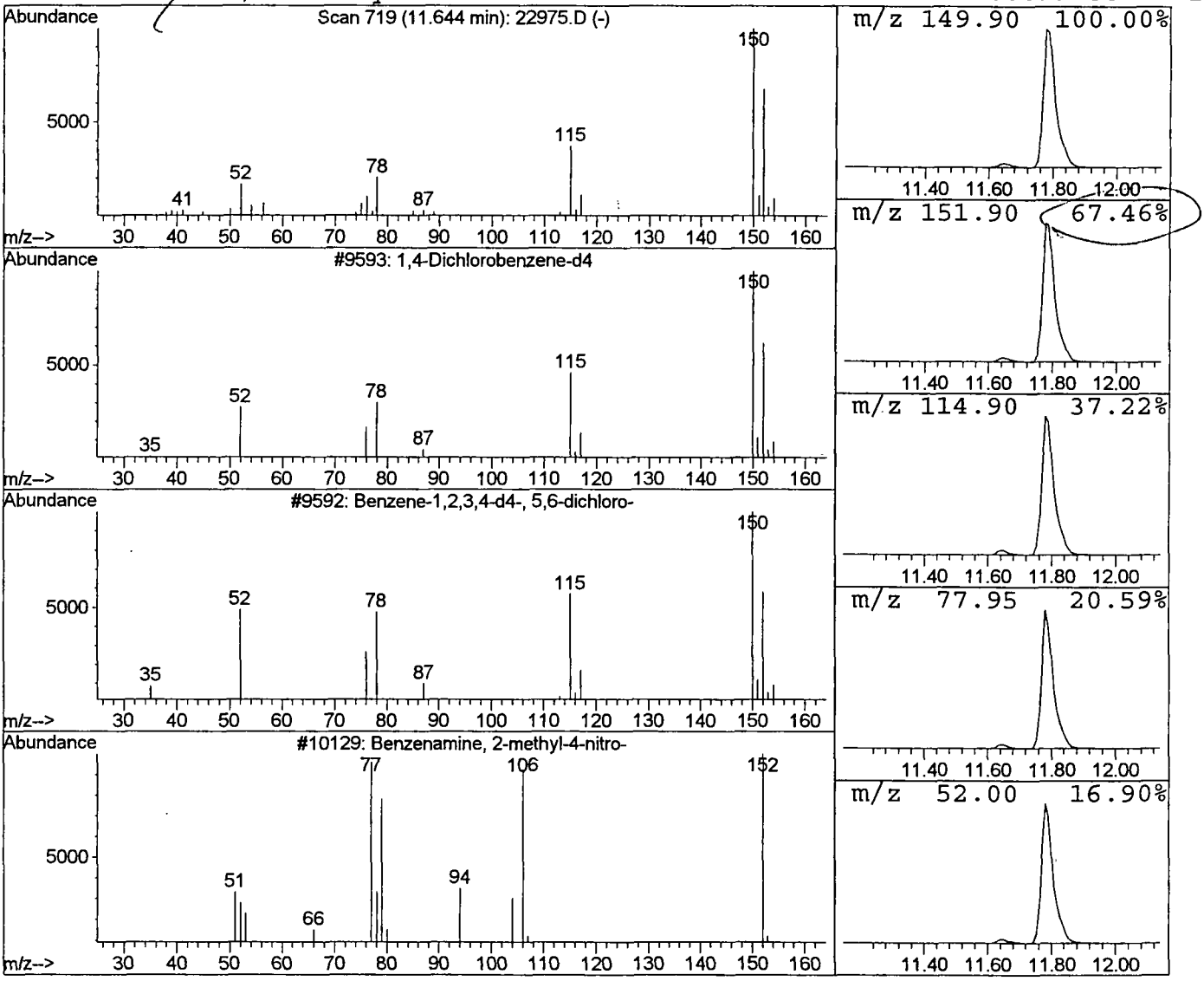
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.54 ug/l	65345	1,4-Dichlorobenzene-d4	11.78

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	35
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	27
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

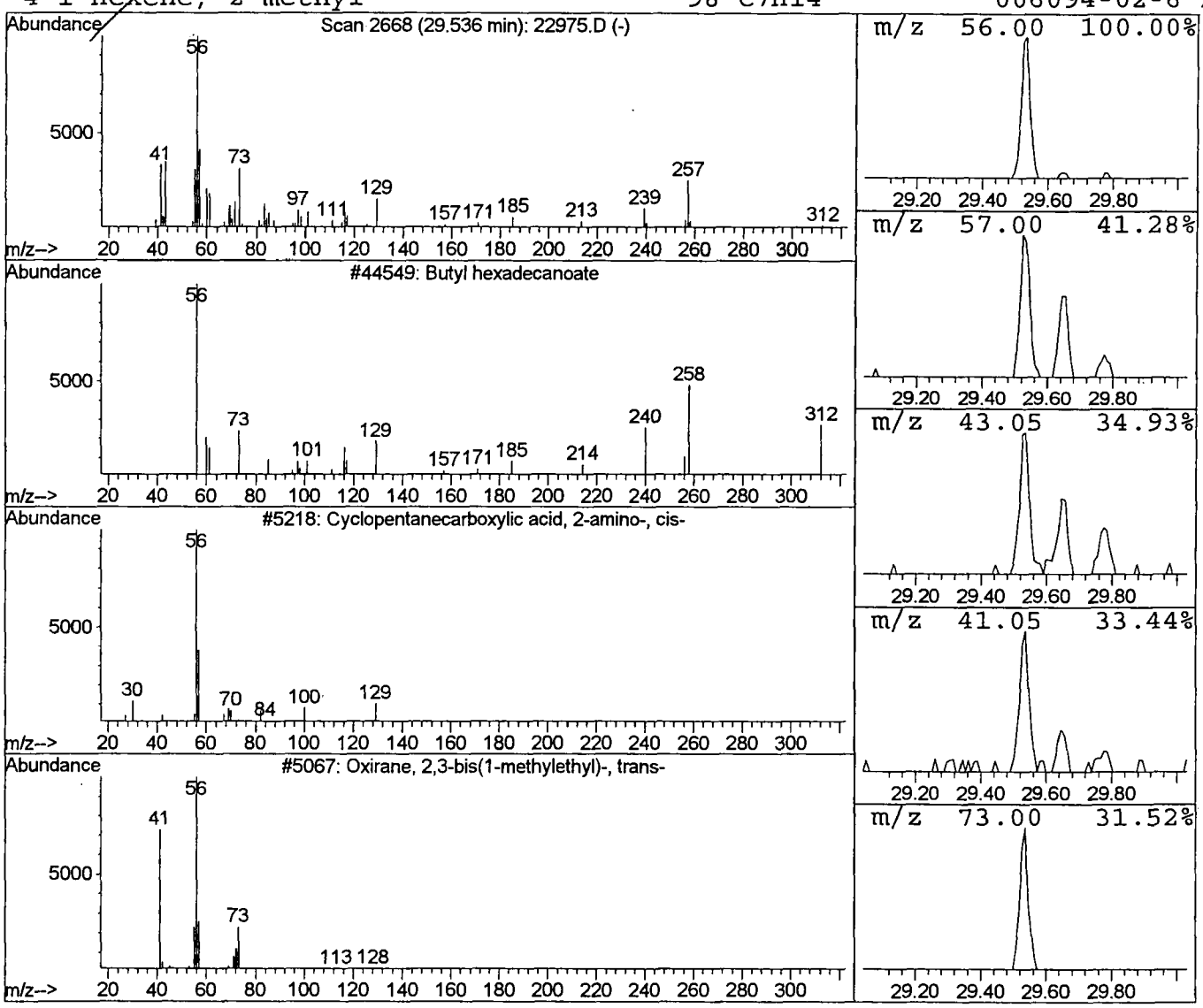
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butyl hexadecanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.54	0.51 ug/l	69073	Chrysene-d12	33.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecanoate	312	C20H40O2	000000-00-0	52
2	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	037910-65-9	35
3	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	32
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Acq On : 2 Oct 2001 11:53 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

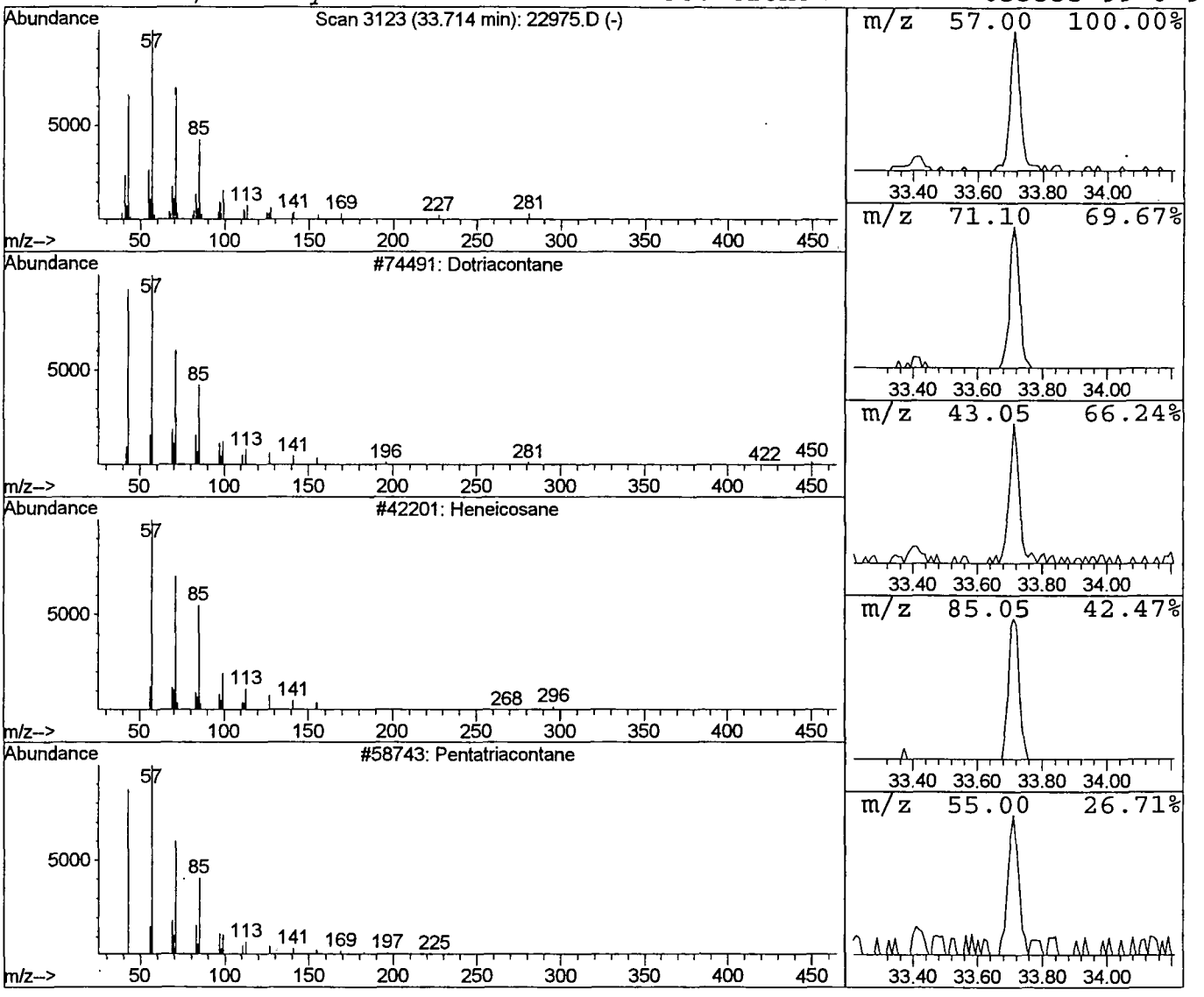
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Dotriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.71	0.47 ug/l	63731	Chrysene-d12	33.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentatriacontane	493	C35H72	000630-07-9	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



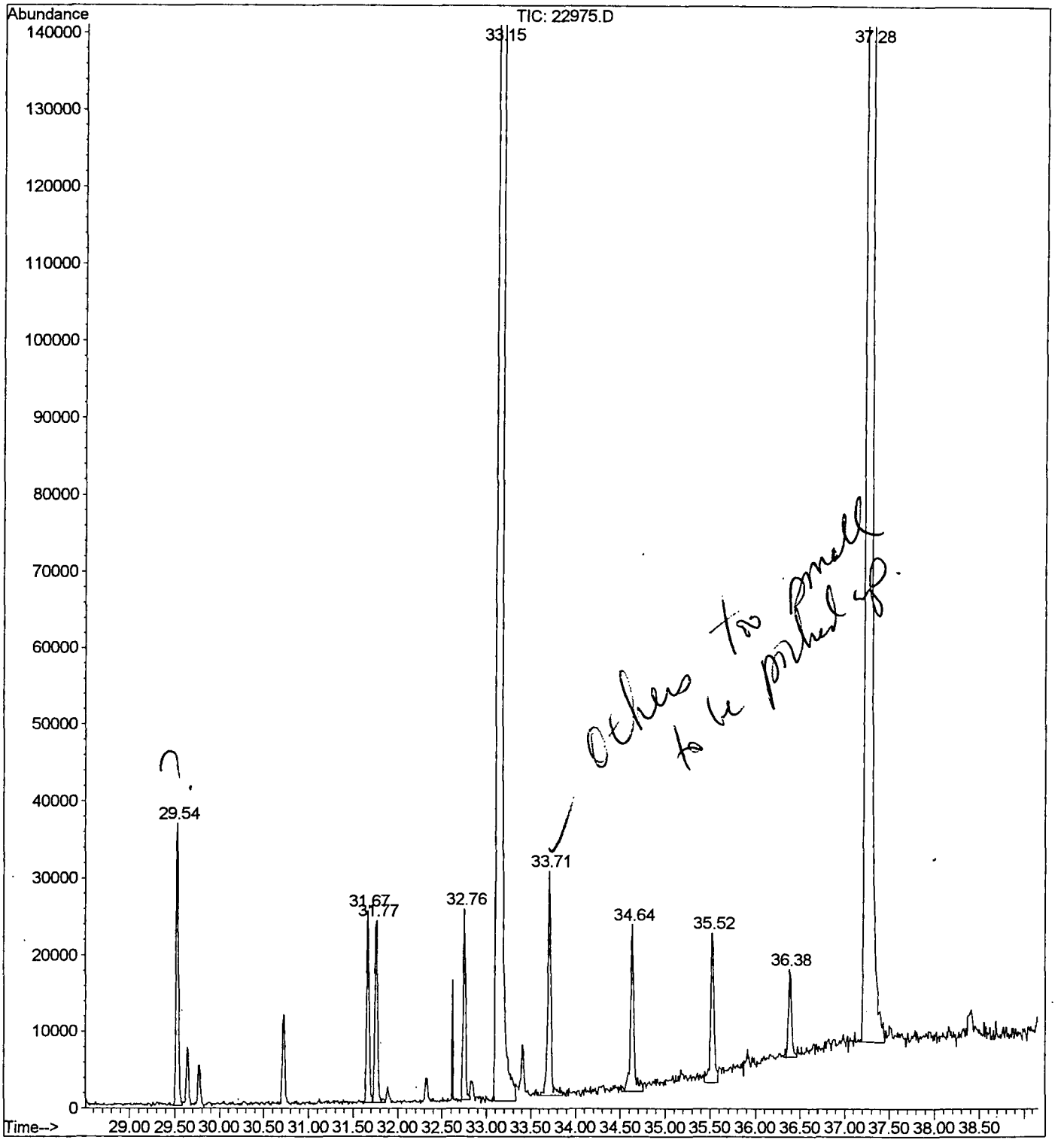
Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Oct 2001 11:53 pm
Data File: C:\HPCHEM\1\DATA\OCT0201\22975.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	6.48	0.8	ug/l	98039	ISTD01	11.78	2440850	20.0
2-Pentanol, 4-methyl	6.72	0.4	ug/l	50450	ISTD01	11.78	2440850	20.0
1,4-Dichlorobenzene-	11.64	0.5	ug/l	65345	ISTD01	11.78	2440850	20.0
Butyl hexadecanoate	29.54	0.5	ug/l	69073	ISTD05	33.15	2704610	20.0
Dotriacontane	33.71	0.5	ug/l	63731	ISTD05	33.15	2704610	20.0

22975.D NP091101.M Mon Oct 15 08:21:29 2001

File : C:\HPCHEM\1\DATA\OCT0201\22975.D
Operator : 209 GALOS
Acquired : 2 Oct 2001 11:53 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 11



Comments for Sample AD22975 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-17-2001 Time: 10:40:30

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory BLank.