User: Galos, Mario
Westchester Dept. of Labs & Research
Date: 10/01/2001 Time: 14:48:26

Sample: AD22577
Analysis: $GCMS GC/MS Scan For Unknown
Started: 10/1/01 14:47 Ended: 10/1/01 15:17 **Analyst:** MG
Page: 1

	Component Name	Result
1	Other unknown compounds	see comment

Comments for Sample AD22577 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-04-2001 Time: 10:16:02

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\SEP2701\22577A.D Vial: 3
Acq On : 27 Sep 2001 1:57 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:56 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.97	152	426091	20.00	ng/uL	-0.03
19) Naphthalene-d8	15.59	136	1646080	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.87	164	782330	20.00	ng/uL	-0.03
49) Phenanthrene-d10	25.28	188	1151007	20.00	ng/uL	-0.03
59) Chrysene-d12	33.29	240	787815	20.00	ng/uL	-0.03
68) Perylene-d12	37.39	264	588091	20.00	ng/uL	-0.03
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	0.00	132	0	0.00	ng/uL	
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.00%#			
7) 1,2-Dichlorobenzene-d4	12.50	152	5126	0.28	ng/uL	-0.03
Spiked Amount 50.000	Range 26 - 73		Recovery = 0.56%#			
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery = 0.00%#			
32) 2-Fluorobiphenyl	19.01	172	1041	0.02	ng/uL	0.11
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.		
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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2701\22577A.D Vial: 3
Acq On : 27 Sep 2001 1:57 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:56 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

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	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	27.27	149	298	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	33.29	228	1223	N.D.	
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67) Chrysene	33.29	228	1223	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)

Data File : C:\HPCHEM\1\DATA\SEP2701\22577A.D Vial: 3
Acq On : 27 Sep 2001 1:57 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:56 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

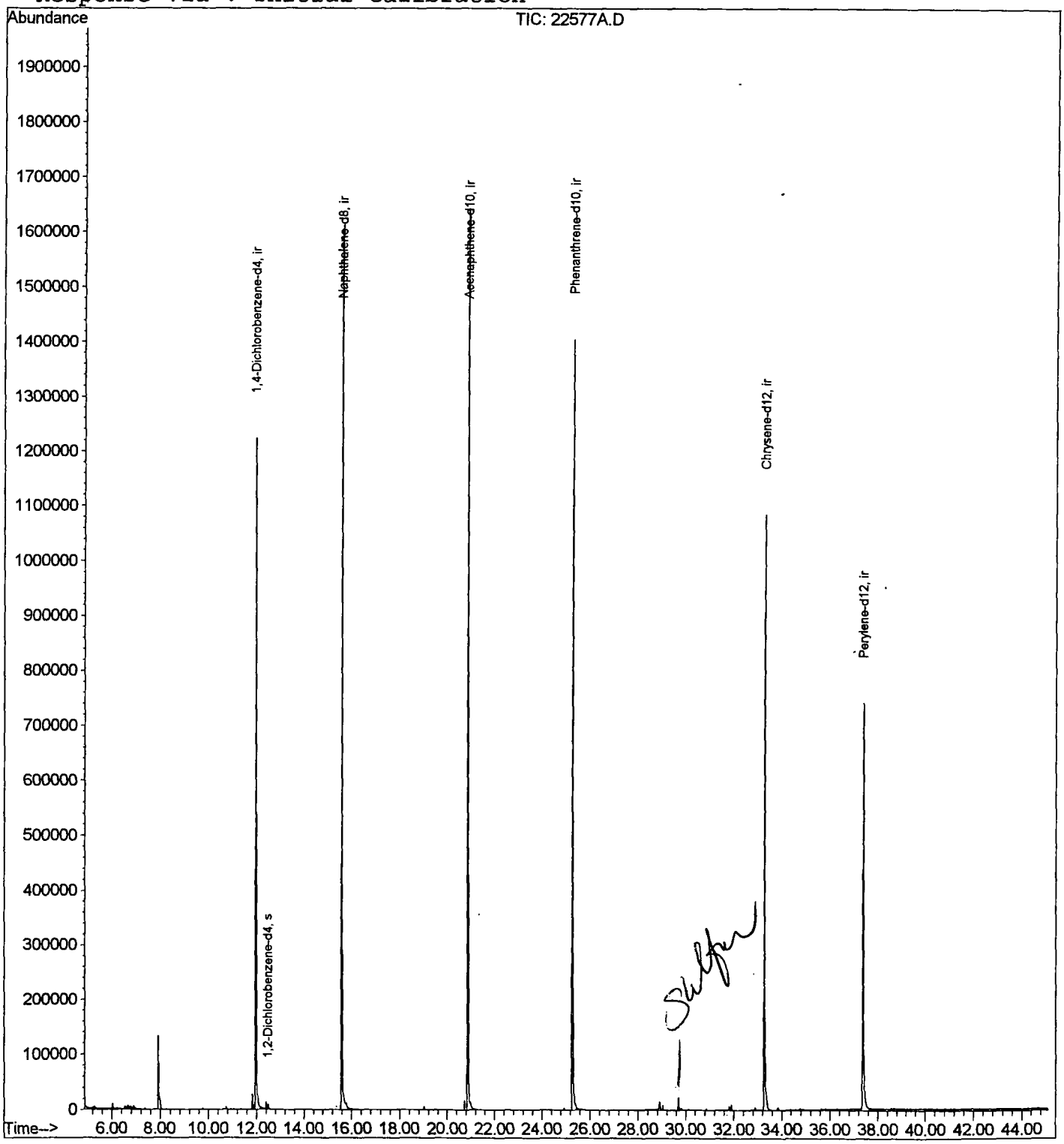
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.39	252	1208	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22577A.D Vial: 3
Acq On : 27 Sep 2001 1:57 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 27 14:56 2001 Quant Results File: NP072501.RES

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22577A.D Vial: 3
Acq On : 27 Sep 2001 1:57 pm Operator: GALOS
Sample : gc/ms unknown <1 ml Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
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

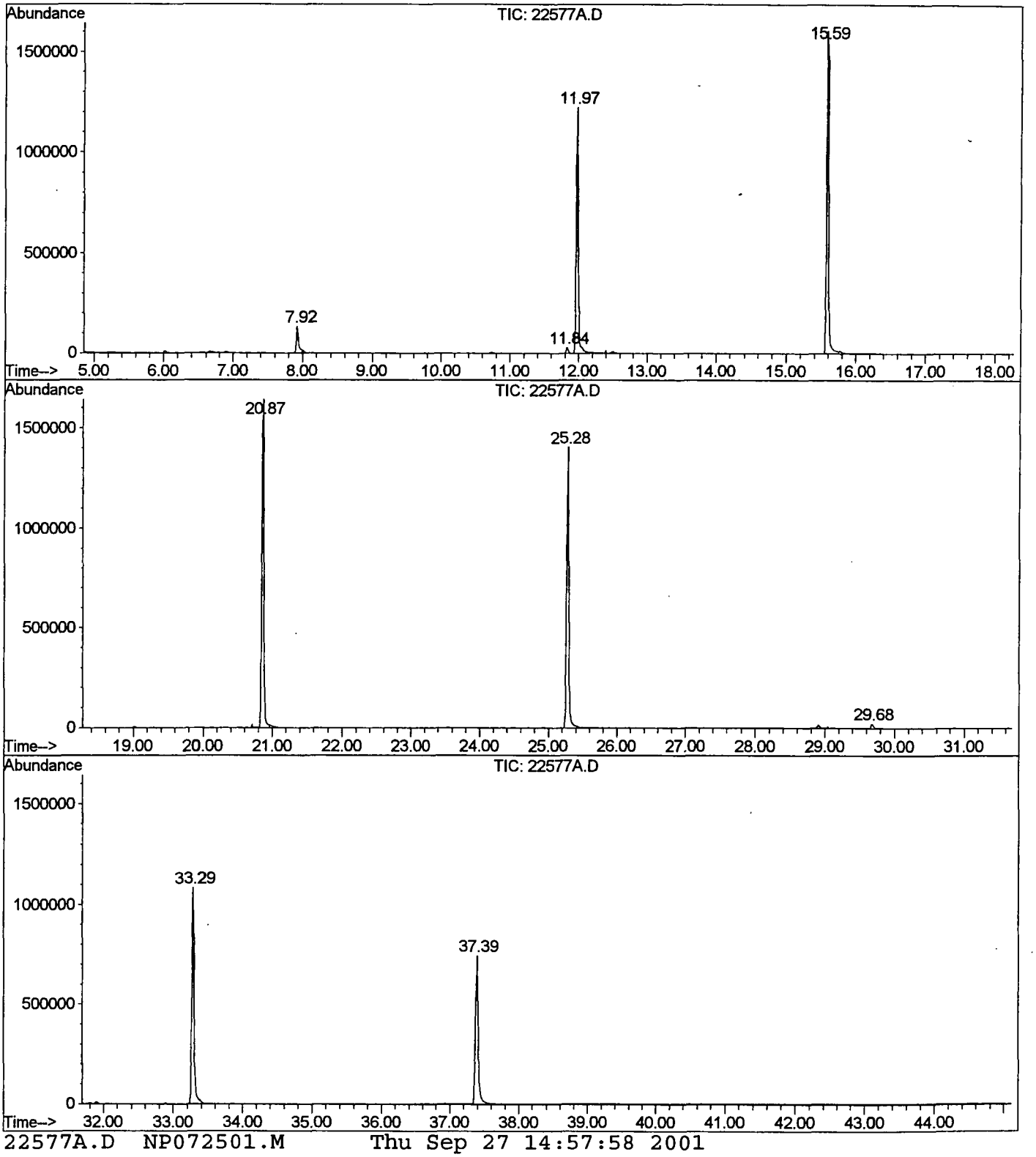
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.921	333	336	344	rBV	132549	306727	8.97%	1.742%
2	11.837	758	763	769	rVB	27699	54904	1.61%	0.312%
3	11.974	773	778	800	rBV	1222107	2651111	77.50%	15.058%
4	15.587	1167	1172	1190	rBV	1604121	3420591	100.00%	19.428%
5	20.869	1742	1748	1758	rBV	1641430	3414368	99.82%	19.393%
6	25.280	2222	2229	2248	rBV2	1404274	3136300	91.69%	17.813%
7	29.682	2704	2709	2719	rBV2	22131	46836	1.37%	0.266%
8	33.286	3096	3102	3123	rBV2	1083152	2501429	73.13%	14.207%
9	37.394	3541	3550	3570	rBV2	739069	2074177	60.64%	11.781%

Sum of corrected areas: 17606443

22577A.D NP072501.M Thu Sep 27 14:57:58 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2701\22577A.D
Operator : GALOS
Acquired : 27 Sep 2001 1:57 pm using AcqMethod HP060501
Instrument : GC/MS Ins
Sample Name: gc/ms unknown <1 ml
Misc Info :
Vial Number: 3
Quant File :NP072501.RES (RTE Integrator)



22577A.D NP072501.M Thu Sep 27 14:57:58 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2701\22577A.D
Acq On : 27 Sep 2001 1:57 pm
Sample : gc/ms unknown <1 ml
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

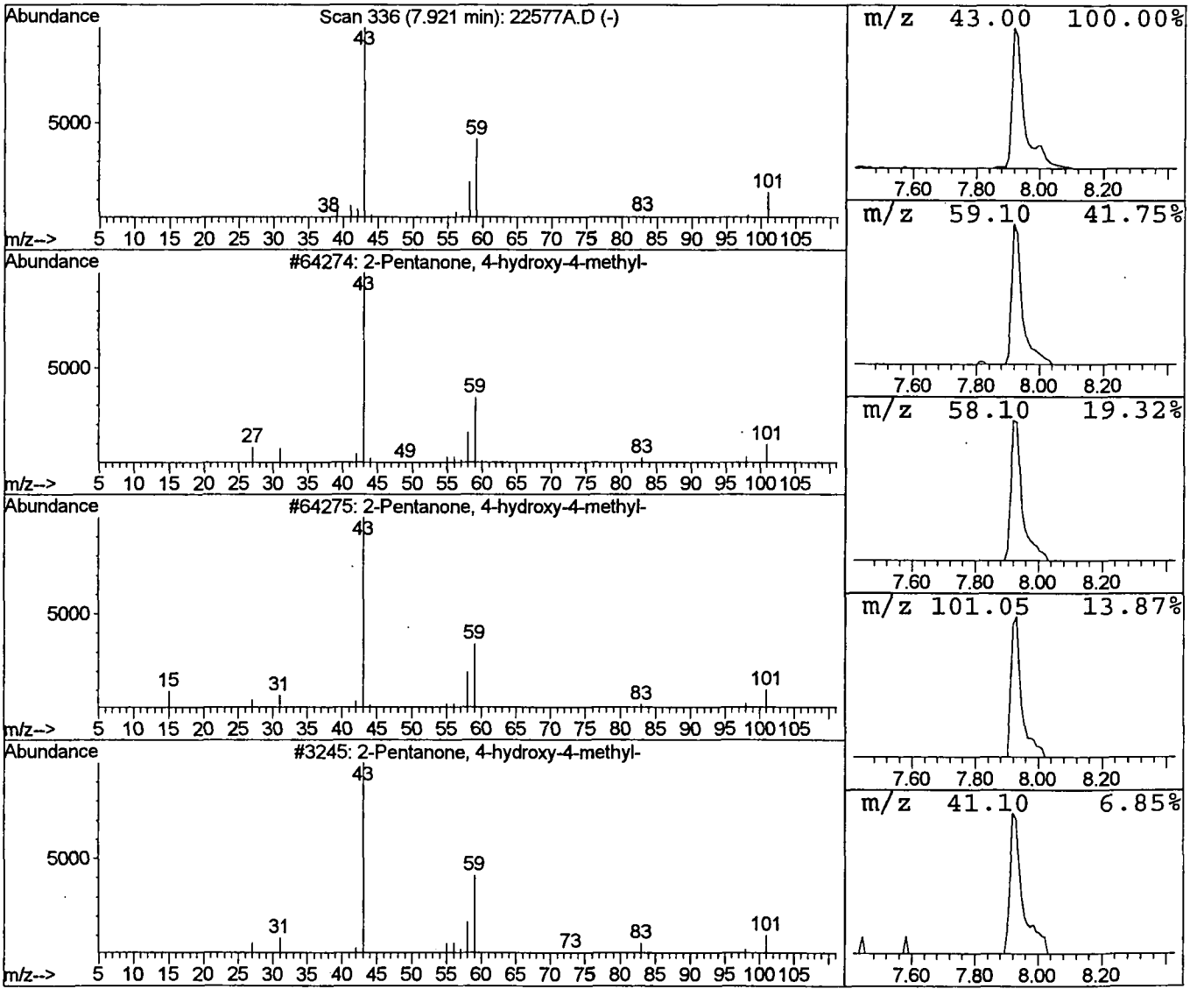
Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.31 ng/uL	306727	1,4-Dichlorobenzene-d4	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetone	58	C3H6O	000067-64-1	16



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 27 Sep 2001 1:57 pm
Data File: C:\HPCHEM\1\DATA\SEP2701\22577A.D
Name: gc/ms unknown <1 ml
Misc:
Method: C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title: 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	7.92	2.3	ng/uL	306727	ISTD01	11.97	2651110	20.0

22577A.D NP072501.M Thu Sep 27 14:58:01 2001

Sequence Name: C:\HPCHEM\1\SEQUENCE\oct0101.S
Comment: INST 209; 30Mx0.25umX0.50
Operator: 209 GALOS
Data Path: C:\HPCHEM\1\data\oct0101\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	DFTPP	NP091101	
2	Sample	2	LBA	NP091101	9/14
3	Sample	3	LBC	NP091101	9/15
4	Sample	4	LBD	NP091101	9/17
5	Sample	5	LBE	NP091101	9/18
6	Sample	6	LBF	NP091101	9/19

Last Modified: Tue Oct 02 12:16:04 2001 Page: 1

Comments for Sample AD22577 - Analysis $508

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 10-07-2001 Time: 09:46:59

EPA 525.2 analysis is cancelled due to quality control failure of internal standards. No duplicate sample is available for reanalysis.