User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/21/2001 Time: 14:35:46

Sample: AD26337
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/21/01 14:35 Ended: 12/21/01 14:35 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 AD26337 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-21-2001 Time: 14:36:13

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\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:27 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	11.89	152	882877	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	3323437	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1525139	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2107046	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1234346	20.00	ng/uL	-0.07
68) Perylene-d12	37.27	264	869184	20.00	ng/uL	-0.07
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	11.89	132	280	0.00	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.00%#		
7) 1,2-Dichlorobenzene-d4	12.14	152	310	0.01	ng/uL	-0.32
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.92	172	1551	0.02	ng/uL	0.09
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	12.89	45	298	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		

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

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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	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	27.17	149	3497	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\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:27 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	33.18	228	2240	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	8742	N.D.	
67)	Chrysene	33.18	228	2240	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	2370	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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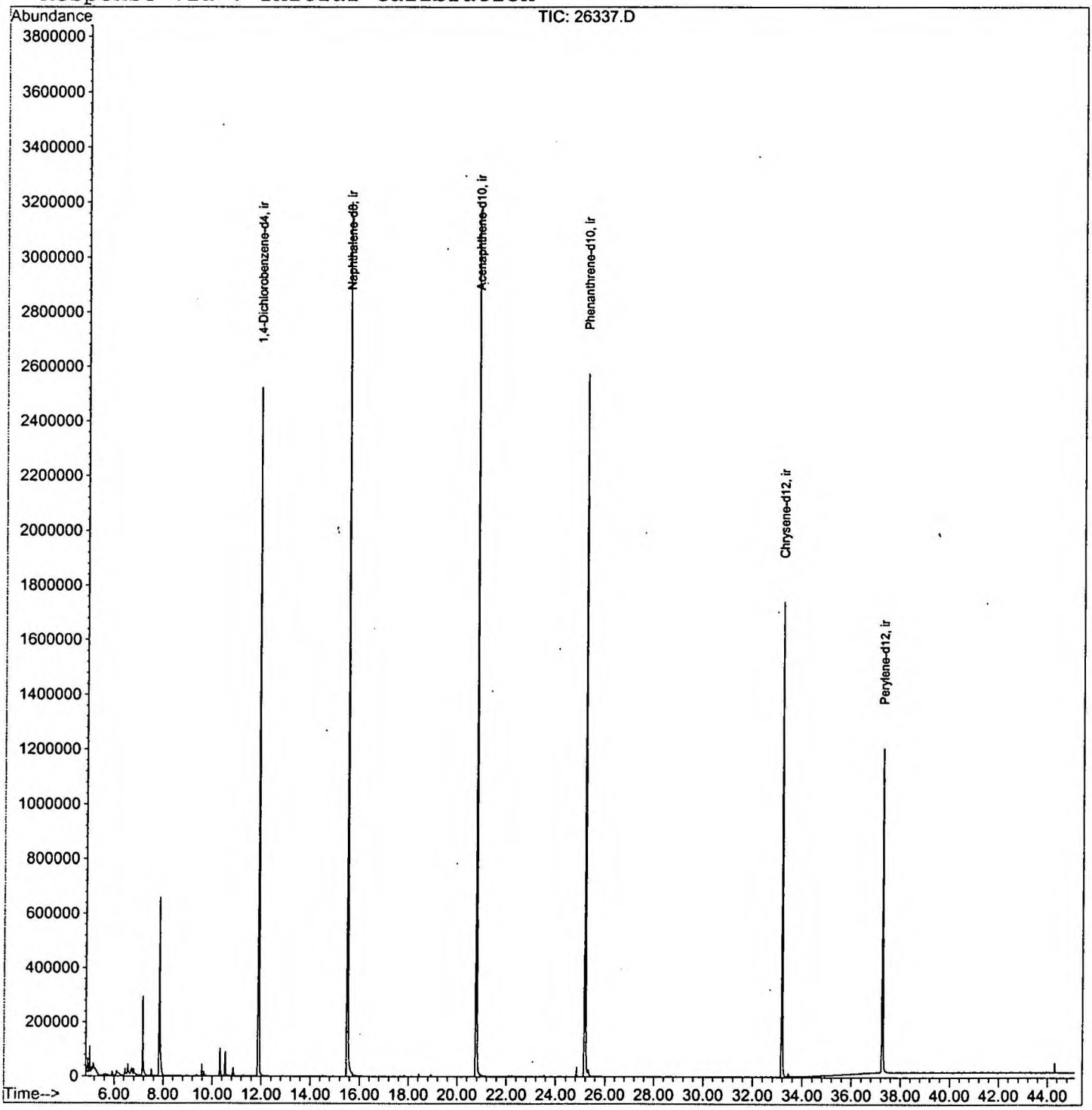
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 14:27 2001 Quant Results File: NP112701.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 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

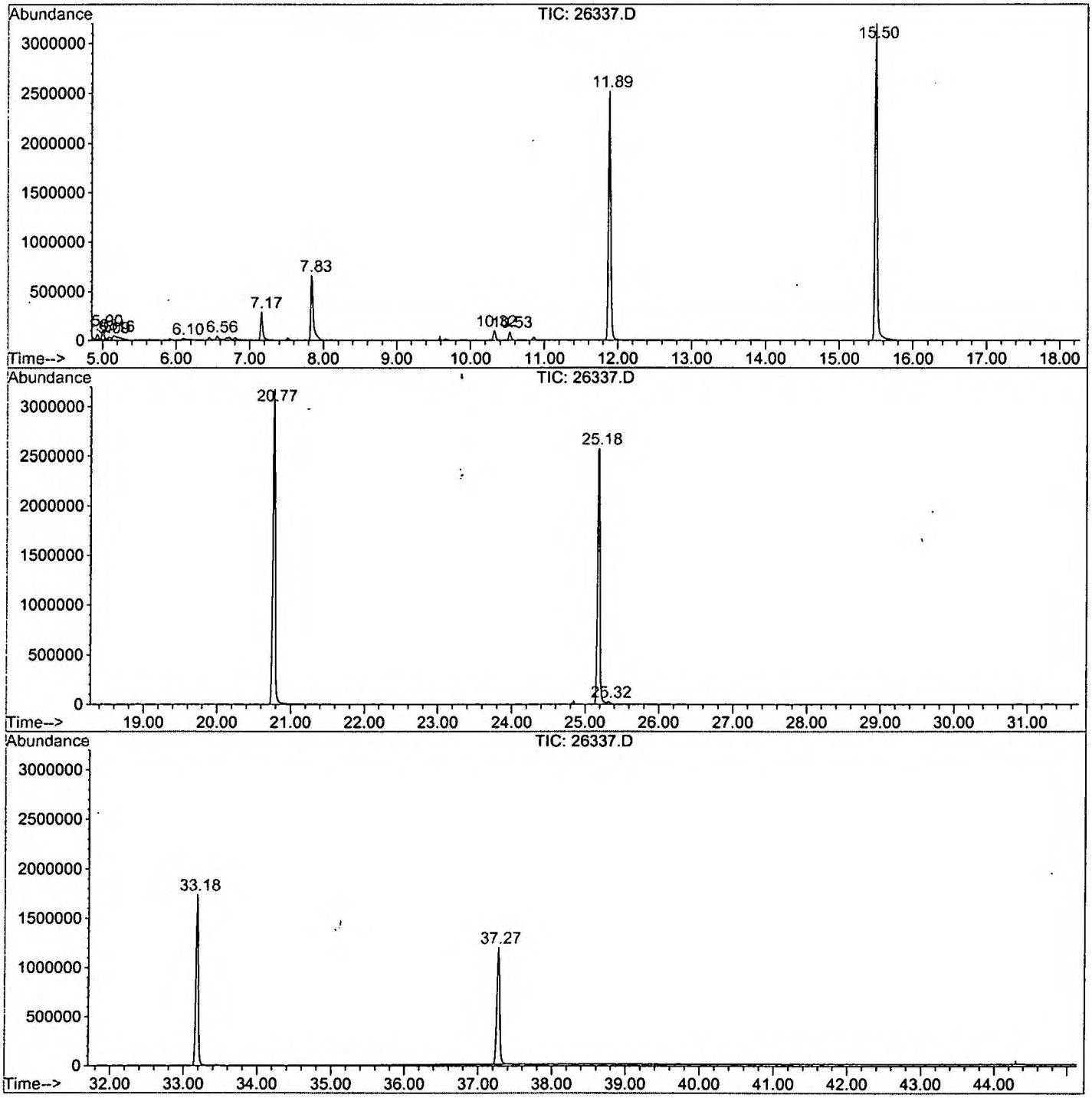
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	4.928	6	9	14	rVV	53125	97408	1.46%	0.279%
2	5.001	14	17	24	rVV	101141	192533	2.89%	0.551%
3	5.093	24	27	30	rVV	26567	68900	1.03%	0.197%
4	5.157	31	34	58	rVB2	46857	294963	4.42%	0.844%
5	6.101	132	137	143	rBV	19488	68050	1.02%	0.195%
6	6.560	182	187	197	rVV	41648	105317	1.58%	0.301%
7	7.165	248	253	271	rVB	292494	609967	9.15%	1.745%
8	7.835	323	326	346	rVB	657656	1542969	23.15%	4.414%
9	10.320	593	597	603	rBV	102907	210827	3.16%	0.603%
10	10.531	616	620	629	rBV	89532	175158	2.63%	0.501%
11	11.888	762	768	779	rBV	2522671	5342998	80.15%	15.286%
12	15.501	1156	1162	1181	rBV	3199791	6665951	100.00%	19.070%
13	20.774	1731	1737	1753	rBV	3172326	6618093	99.28%	18.934%
14	25.184	2211	2218	2229	rBV2	2573552	5826567	87.41%	16.669%
15	25.322	2229	2233	2242	rVB	24632	71599	1.07%	0.205%
16	33.181	3084	3090	3104	rBV2	1737881	3896178	58.45%	11.146%
17	37.271	3528	3536	3547	rBV2	1188313	3166837	47.51%	9.060%

Sum of corrected areas: 34954315

26337.D NP112701.M Fri Dec 21 14:28:40 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26337.D
Operator : GALOS
Acquired : 1 Dec 2001 10:01 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 25
Quant File :NP112701.RES (RTE Integrator)



26337.D NP112701.M Fri Dec 21 14:28:43 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

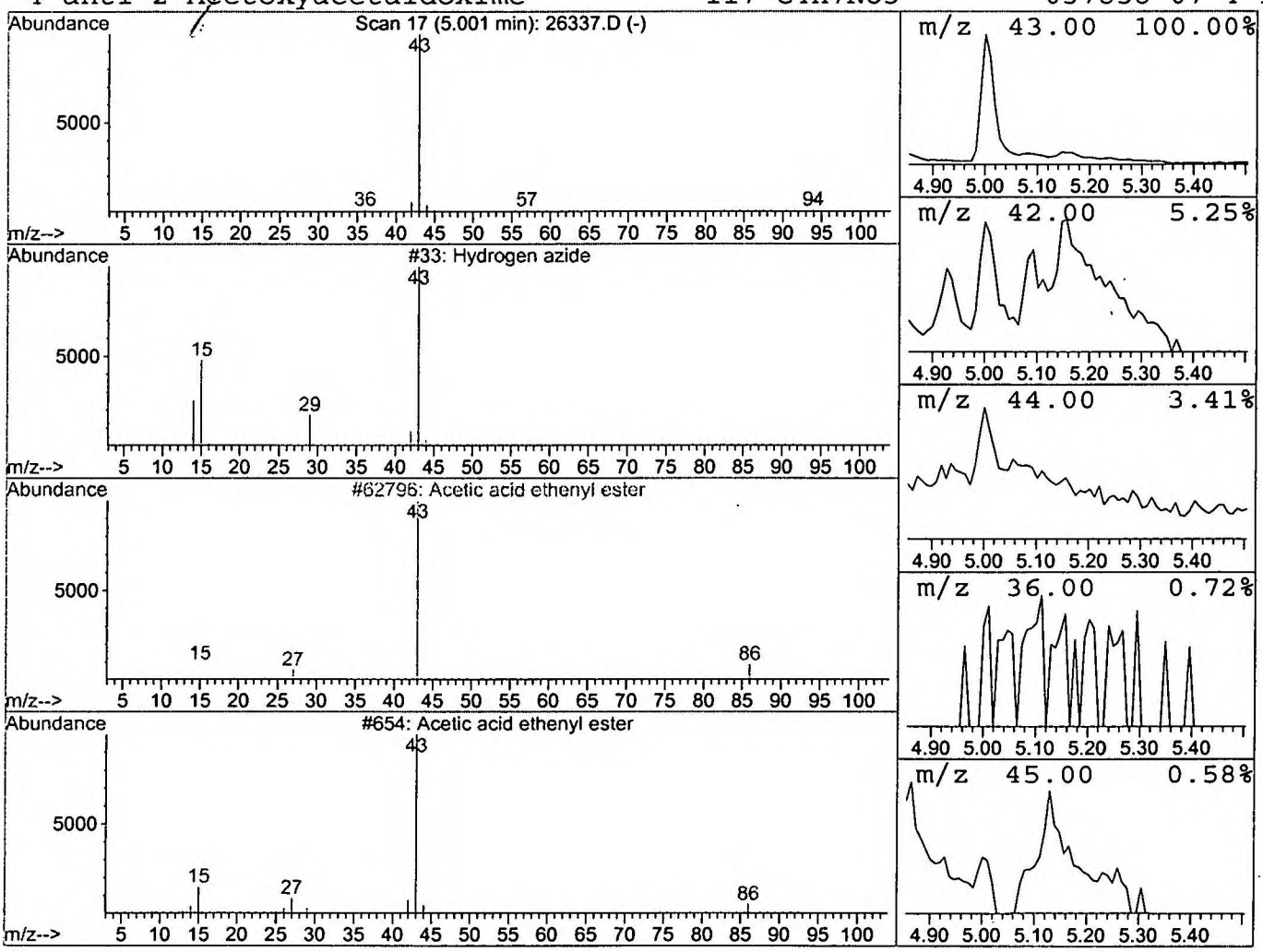
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrogen azide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	0.72 ng/uL	192533	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	2
2	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	2
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	2
4	anti-2-Acetoxyacetaldoxime	117	C4H7NO3	037858-07-4	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

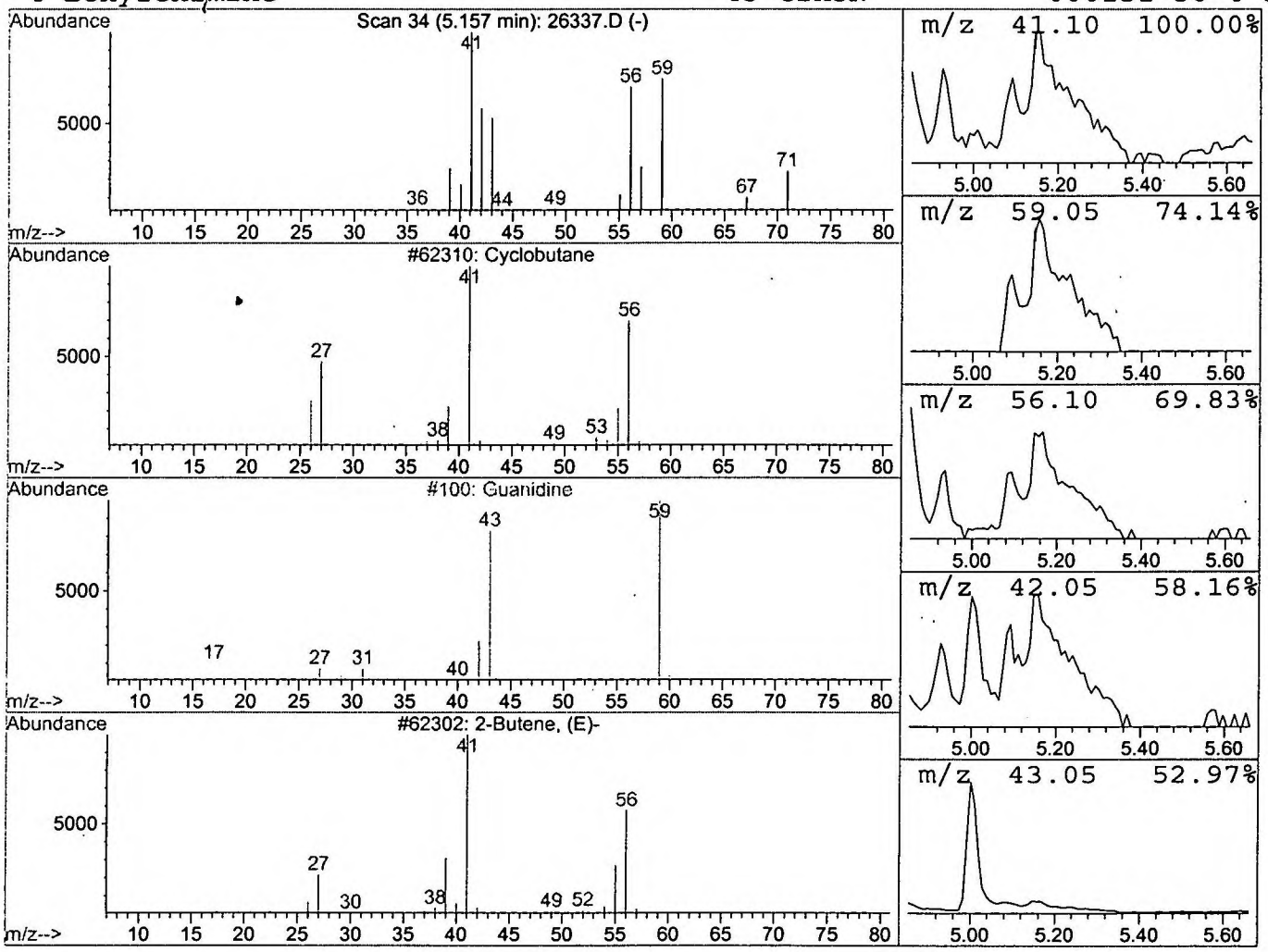
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclobutane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	1.10 ng/uL	294963	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane	56	C4H8	000287-23-0	9
2	Guanidine	59	CH5N3	000113-00-8	5
3	2-Butene, (E)-	56	C4H8	000624-64-6	5
4	Ethylenimine	43	C2H5N	000151-56-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

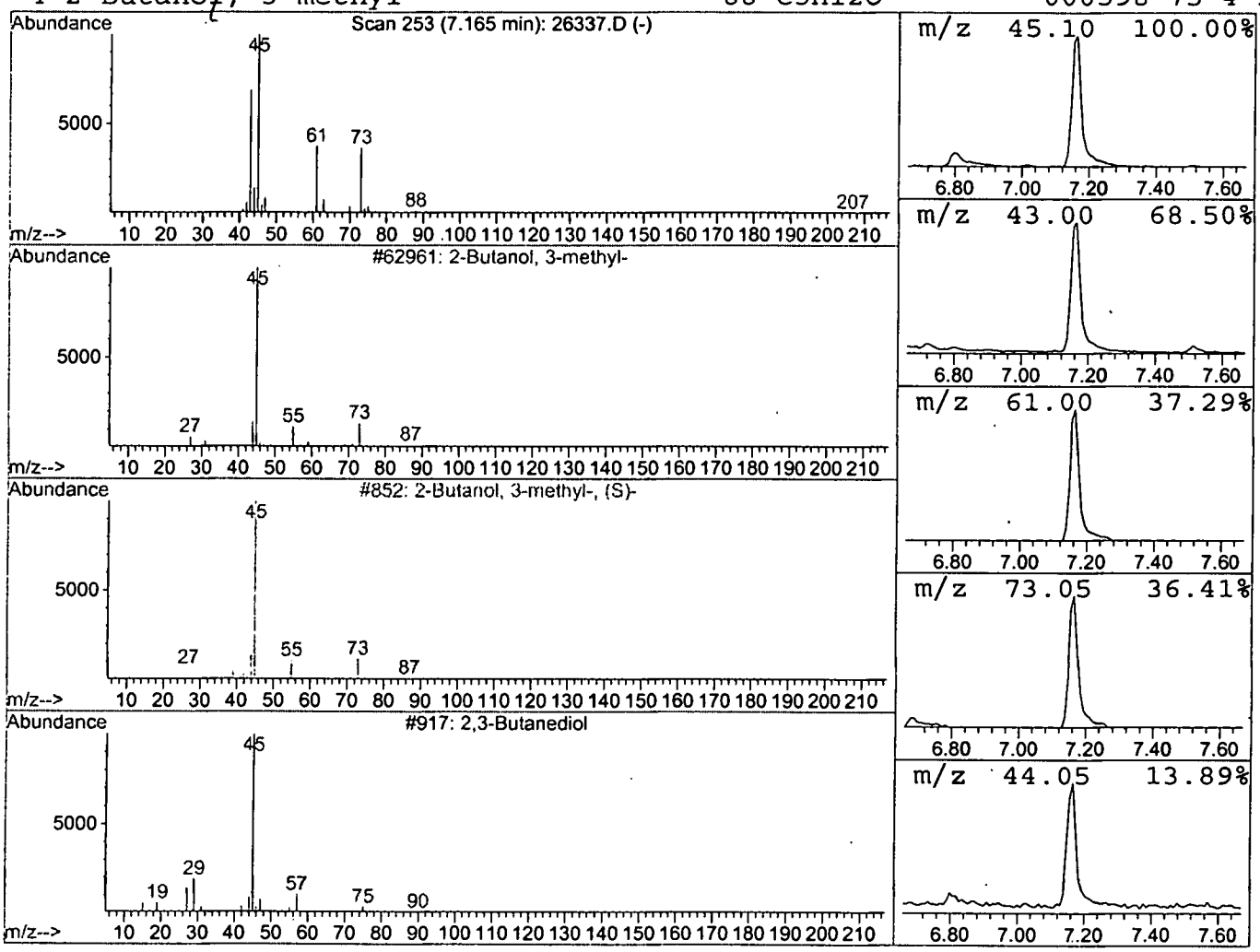
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Butanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.28 ng/uL	609967	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	40
2	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	40
3	2,3-Butanediol	90	C4H10O2	000513-85-9	33
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

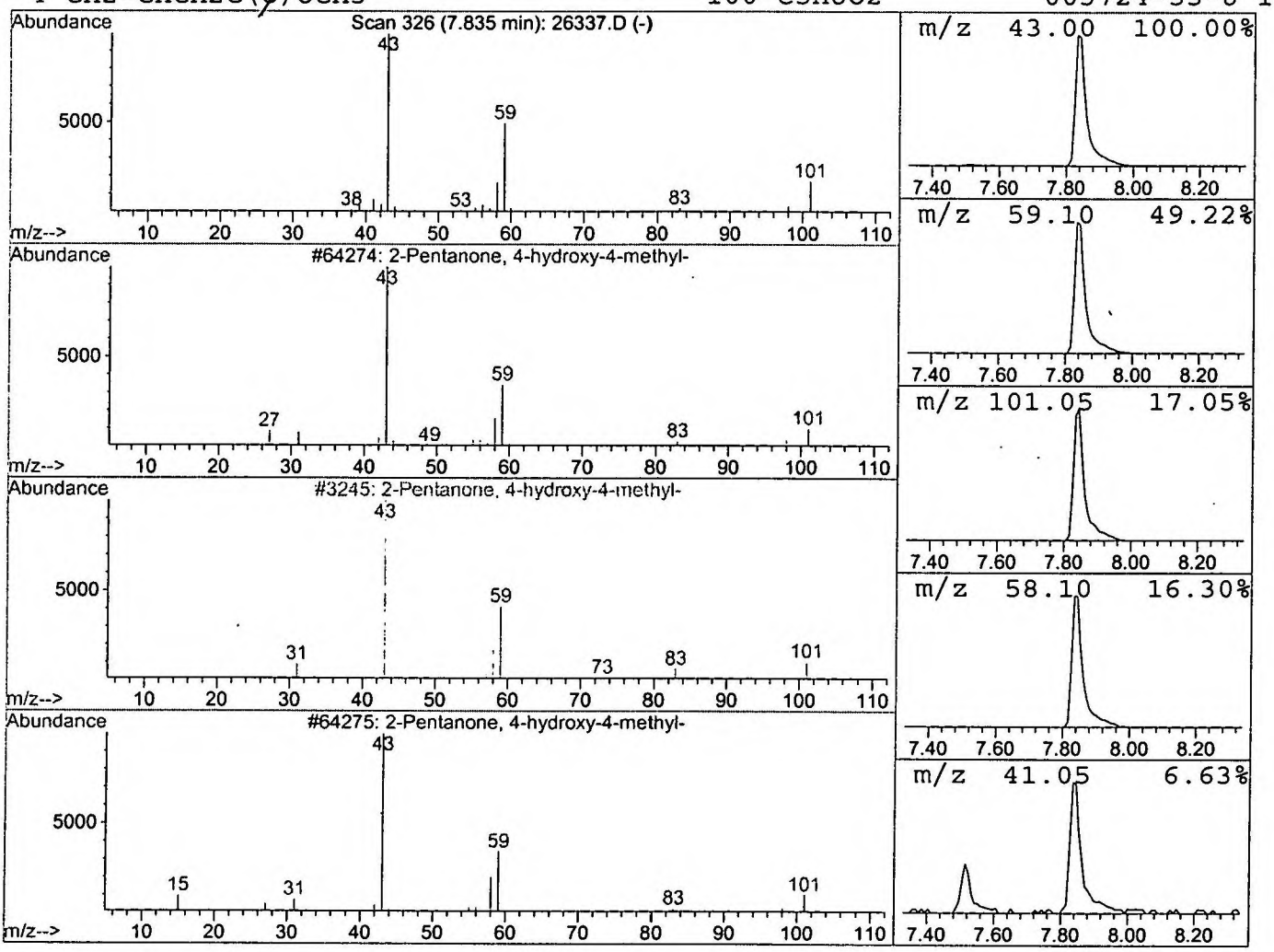
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	5.78 ng/uL	1542970	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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	40
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

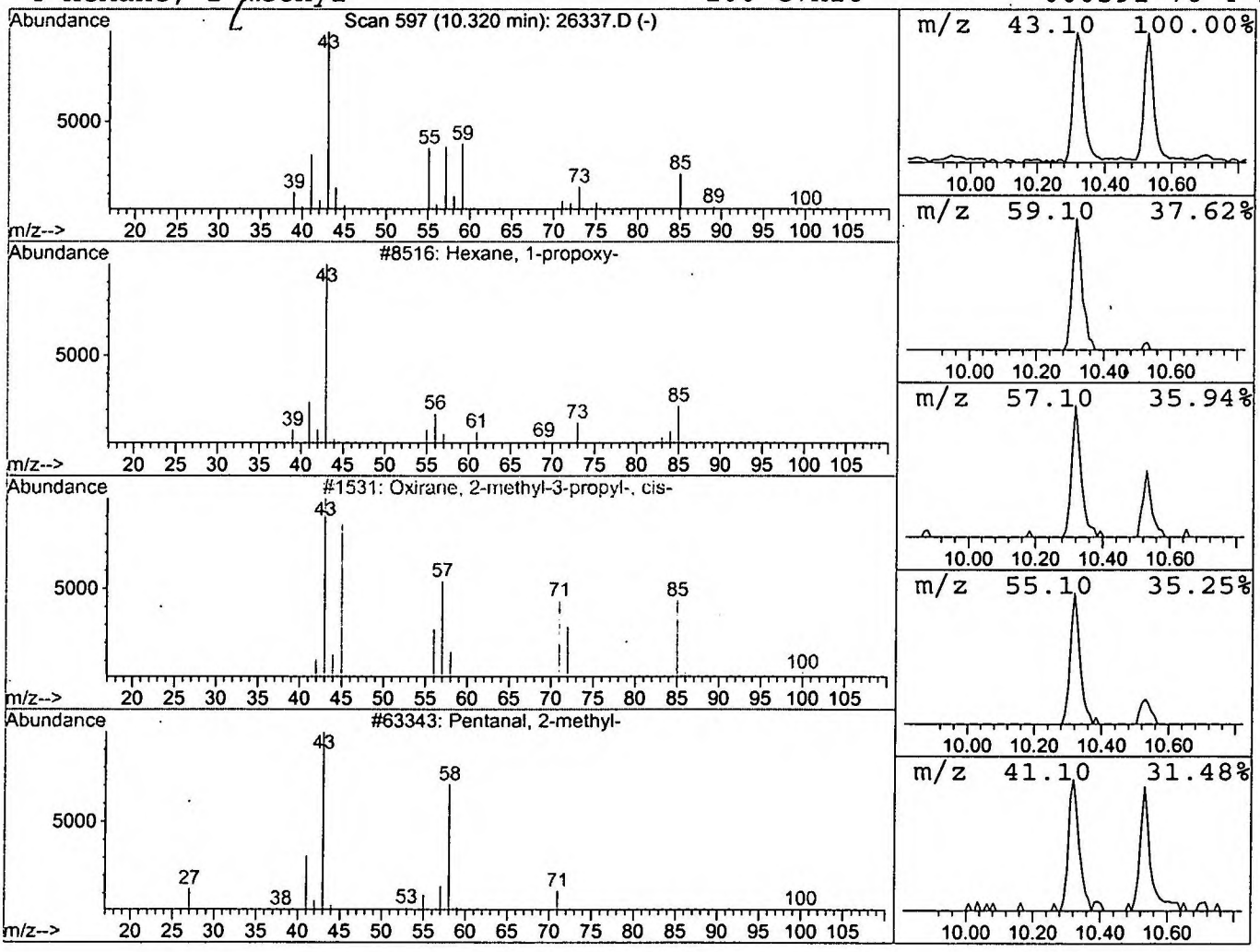
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Hexane, 1-propoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.79 ng/uL	210827	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	25
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	12
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	9
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26337.D Vial: 25
Acq On : 1 Dec 2001 10:01 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

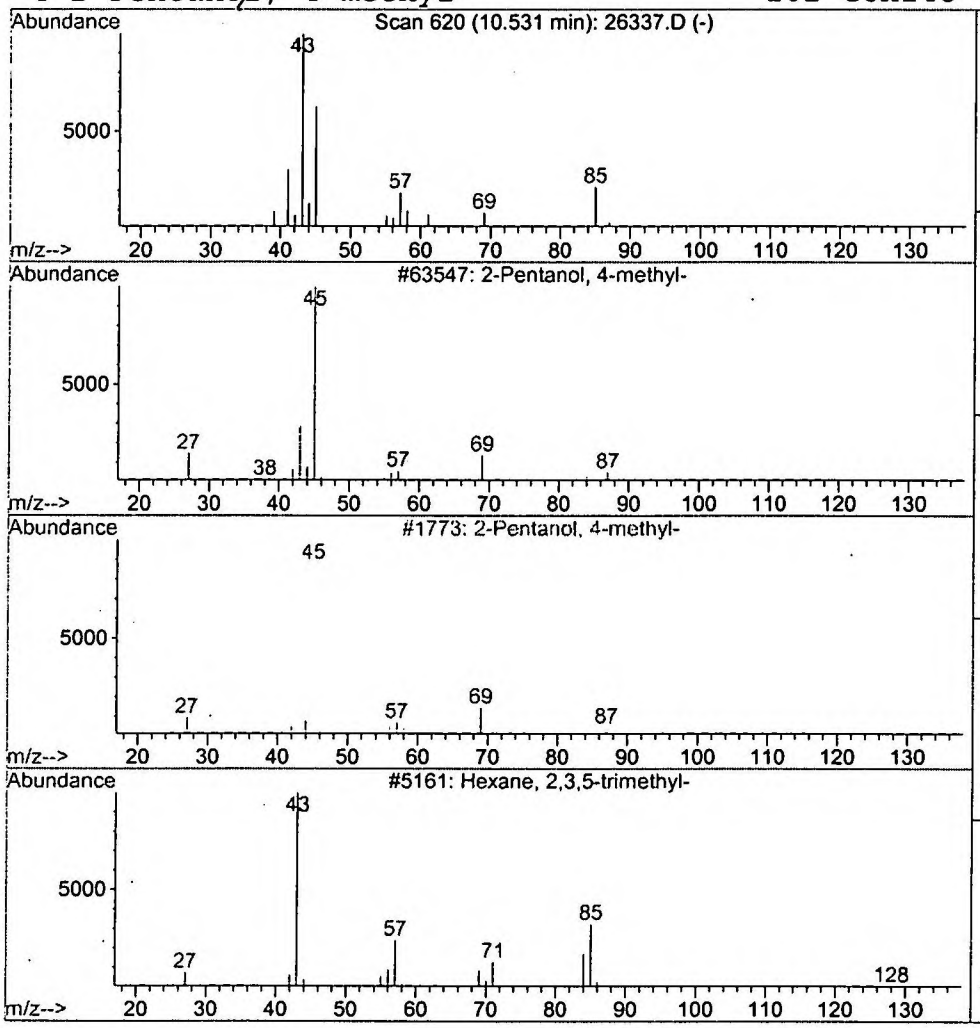
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

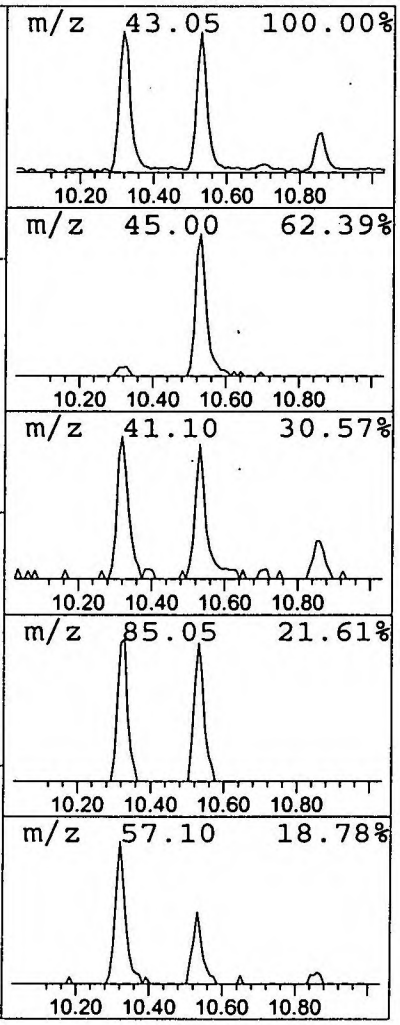
****

Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	0.66 ng/uL	175158	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	23
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	23
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	17
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	17





Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 10:01 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26337.D
Name: gc/ms unknown 11/3
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
Hydrogen azide	5.00	0.7	ng/uL	192533	ISTD01	11.89	5343000	20.0
Cyclobutane	5.16	1.1	ng/uL	294963	ISTD01	11.89	5343000	20.0
2-Butanol, 3-methyl-	7.17	2.3	ng/uL	609967	ISTD01	11.89	5343000	20.0
2-Pentanone, 4-hydro	7.83	5.8	ng/uL	1542970	ISTD01	11.89	5343000	20.0
Hexane, 1-propoxy-	10.32	0.8	ng/uL	210827	ISTD01	11.89	5343000	20.0
2-Pentanol, 4-methyl	10.53	0.7	ng/uL	175158	ISTD01	11.89	5343000	20.0

26337.D NP112701.M Fri Dec 21 14:28:56 2001