User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:33:33

Sample: AD26335
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:32 Ended: 12/4/01 15:32 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26335 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 15:33:43

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\26335.D Vial: 17
Acq On : 1 Dec 2001 2:45 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 3 15:25 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

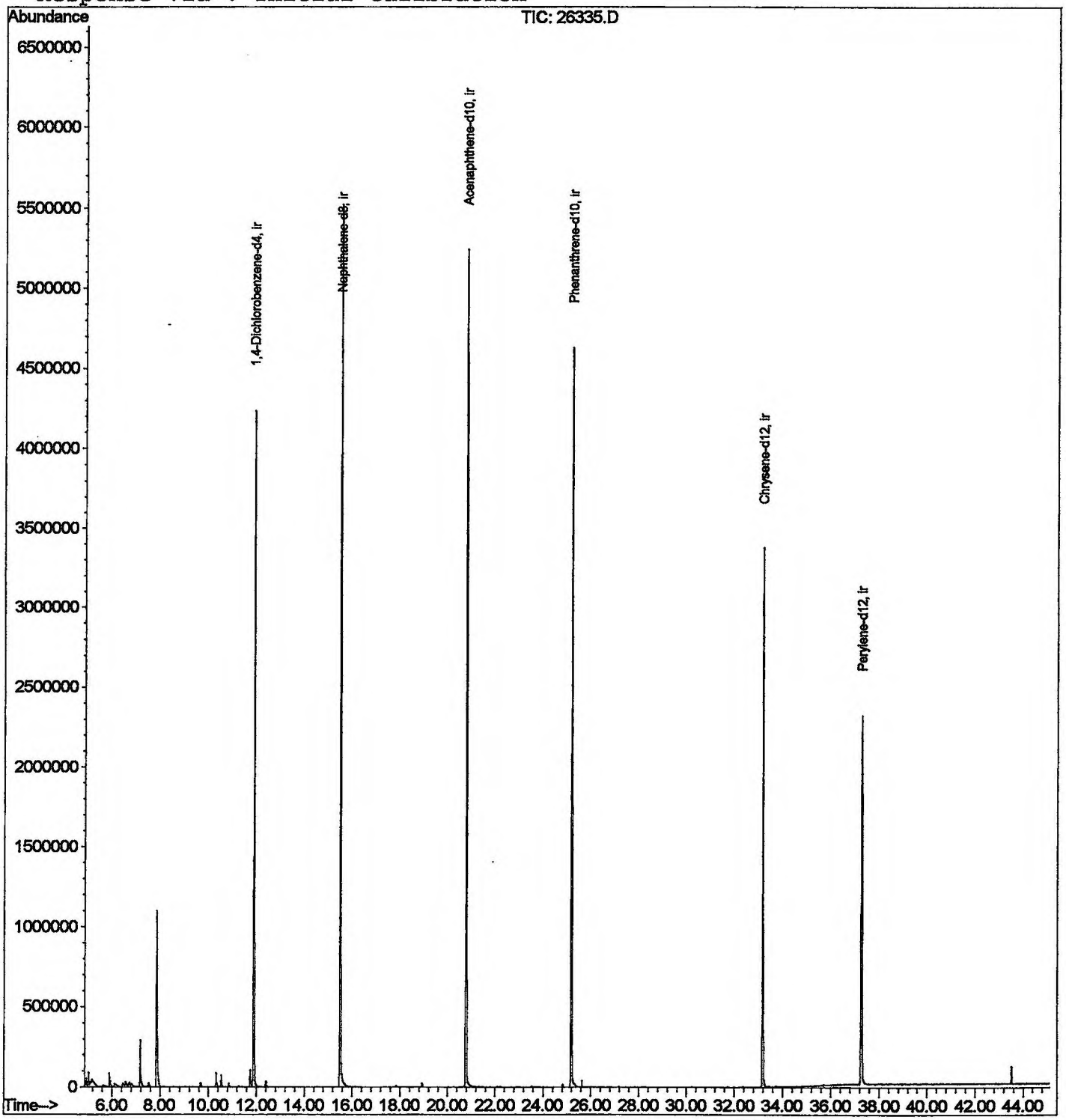
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.89	152	1483176	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.50	136	5720244	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.78	164	2540784	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	3660446	20.00	ng/uL	-0.05
59) Chrysene-d12	33.19	240	2358320	20.00	ng/uL	-0.05
68) Perylene-d12	37.28	264	1775963	20.00	ng/uL	-0.05
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	11.90	132	1232	0.01	ng/uL	0.48
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.41	152	14612	0.23	ng/uL	-0.04
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.46%#		
0) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
2) 2-Fluorobiphenyl	18.92	172	4825	0.03	ng/uL	0.09
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.06%#		
3) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
2) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
) Pyridine	0.00	79	0	N.D.		
) N-nitrosodimethylamine	0.00	74	0	N.D.		
) Phenol	0.00	94	0	N.D.		
) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
) 2-Chlorophenol	0.00	128	0	N.D.		
) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
) 2-Methylphenol	0.00	108	0	N.D.		
) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
3&4-Methylphenol	0.00	108	0	N.D.		
N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
Hexachloroethane	0.00	117	0	N.D.		
Nitrobenzene	0.00	77	0	N.D.		
Isophorone	0.00	82	0	N.D.		

= qualifier out of range (m) = manual integration
5.D NP112701.M Tue Dec 04 14:24:27 2001 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D Vial: 17
Acq On : 1 Dec 2001 2:45 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 3 15:25 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\26335.D Vial: 17
Acq On : 1 Dec 2001 2:45 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

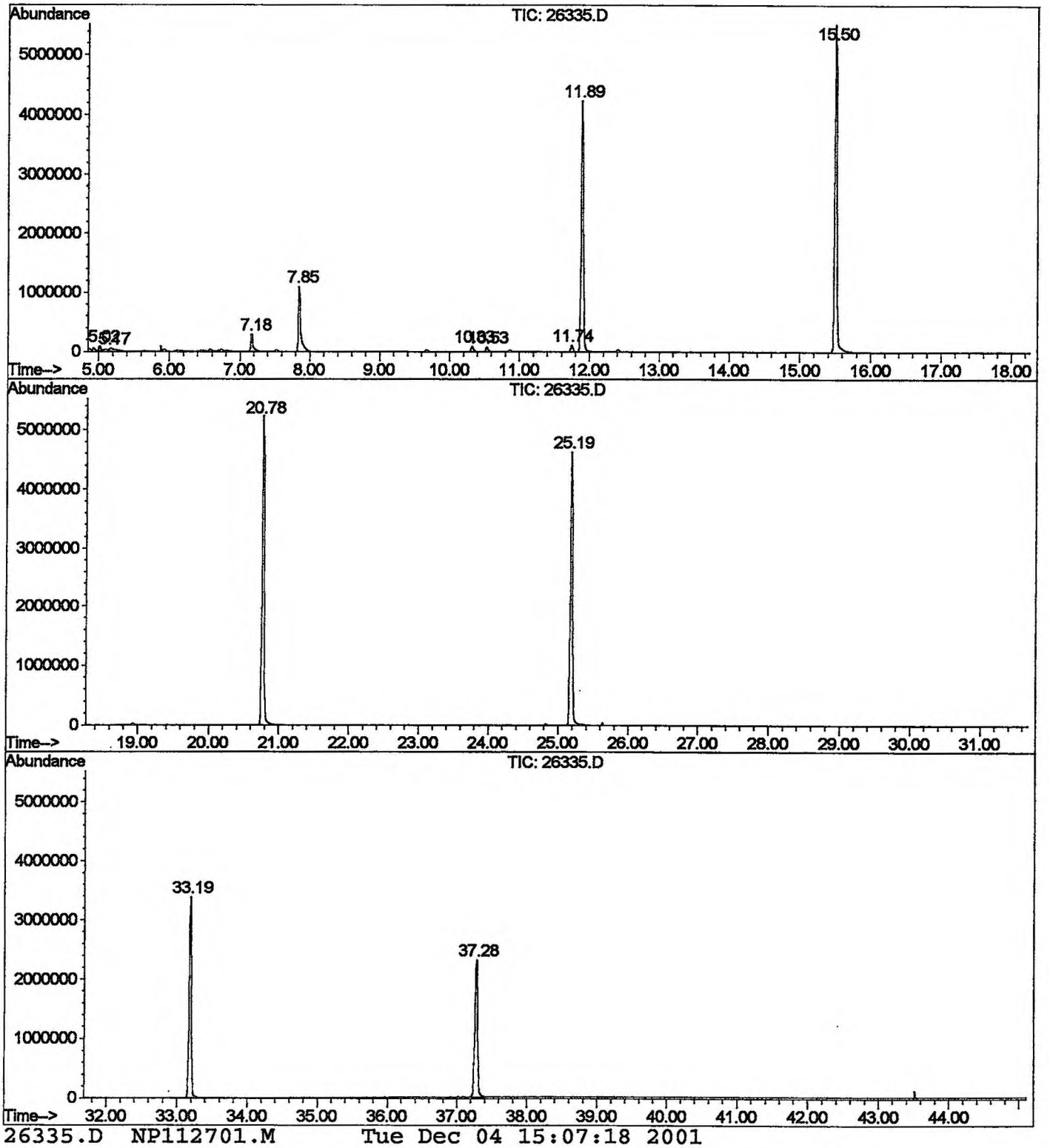
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.023	16	20	25	rBV	81389	157660	1.38%	0.265%
2	5.170	33	36	57	rVB3	44015	283242	2.48%	0.476%
3	7.178	250	255	273	rVB	288771	635882	5.56%	1.069%
4	7.847	324	328	347	rBV	1096722	2496034	21.82%	4.197%
5	10.333	594	599	606	rBV	88229	189986	1.66%	0.319%
6	10.534	616	621	630	rBV	72869	150614	1.32%	0.253%
7	11.745	749	753	760	rVB	105512	224202	1.96%	0.377%
8	11.891	763	769	782	rBV	4233694	9000336	78.67%	15.134%
9	15.504	1157	1163	1181	rBV	5522679	11440786	100.00%	19.238%
10	20.777	1732	1738	1758	rBV	5239146	11043686	96.53%	18.570%
11	25.188	2212	2219	2232	rBV2	4626191	9909936	86.62%	16.664%
12	33.194	3085	3092	3112	rBV2	3373936	7521381	65.74%	12.647%
13	37.283	3529	3538	3552	rBV2	2300566	6417076	56.09%	10.790%

Sum of corrected areas: 59470821

26335.D NP112701.M Tue Dec 04 15:07:17 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26335.D
Operator : GALOS
Acquired : 1 Dec 2001 2:45 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 17
Quant File :NP112701.RES (RTE Integrator)



26335.D NP112701.M Tue Dec 04 15:07:18 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D
Acq On : 1 Dec 2001 2:45 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

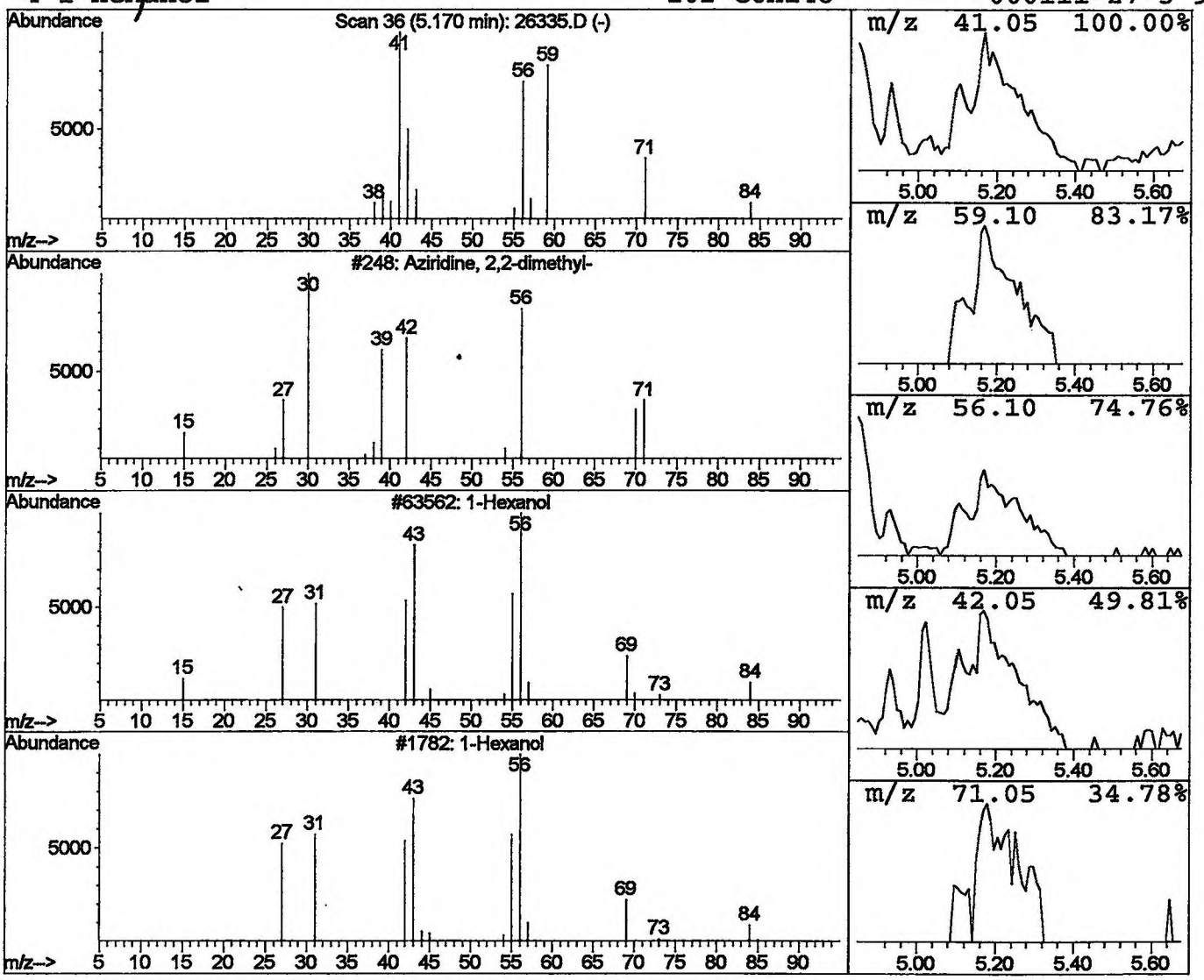
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Aziridine, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	0.63 ng/uL	283242	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	25
2	1-Hexanol	102	C6H14O	000111-27-3	9
3	1-Hexanol	102	C6H14O	000111-27-3	9
4	1-Hexanol	102	C6H14O	000111-27-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D
Acq On : 1 Dec 2001 2:45 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

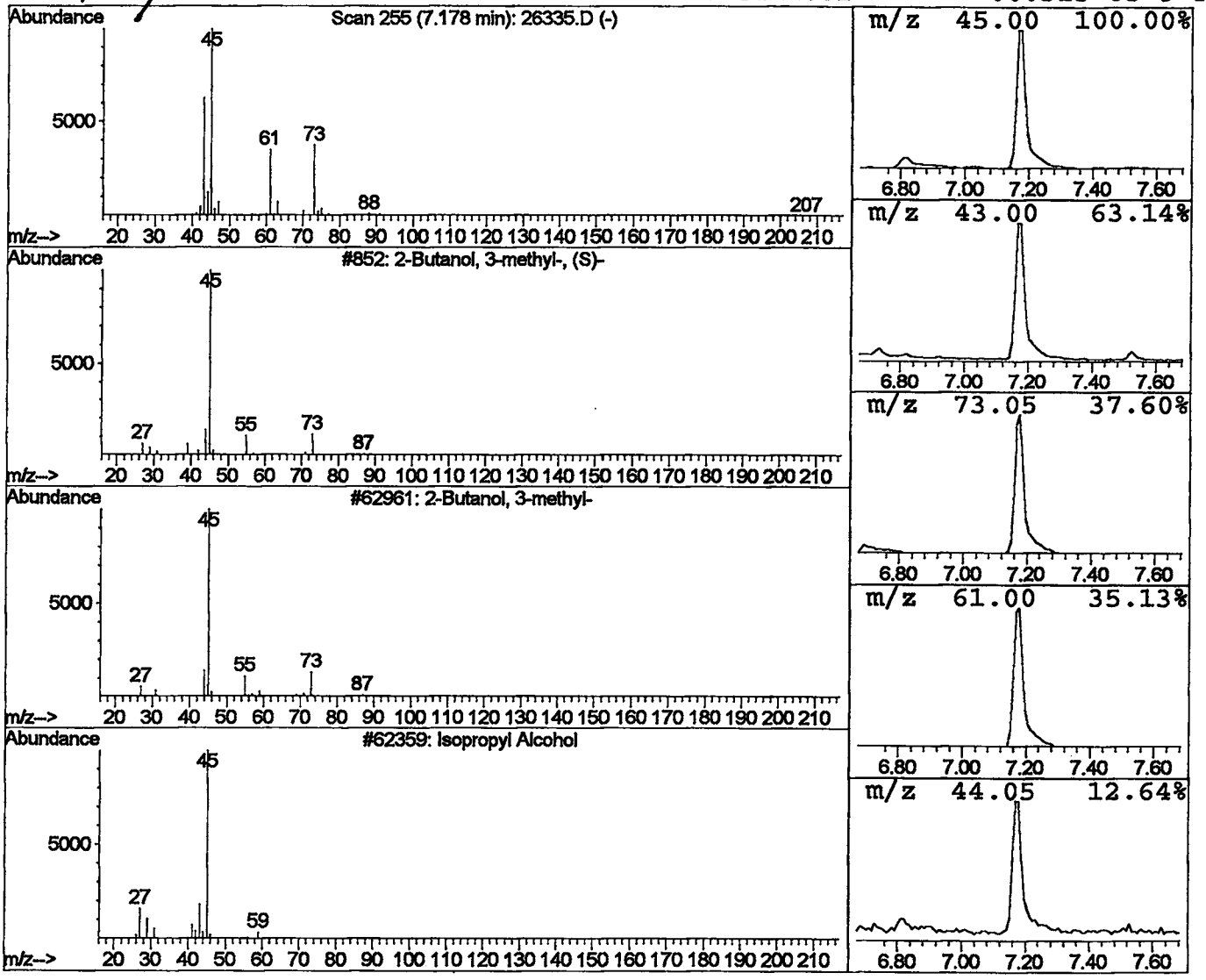
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3-methyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	1.41 ng/uL	635882	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	40
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	38
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	38
4	2,3-Butanediol	90	C4H10O2	000513-85-9	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D
Acq On : 1 Dec 2001 2:45 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

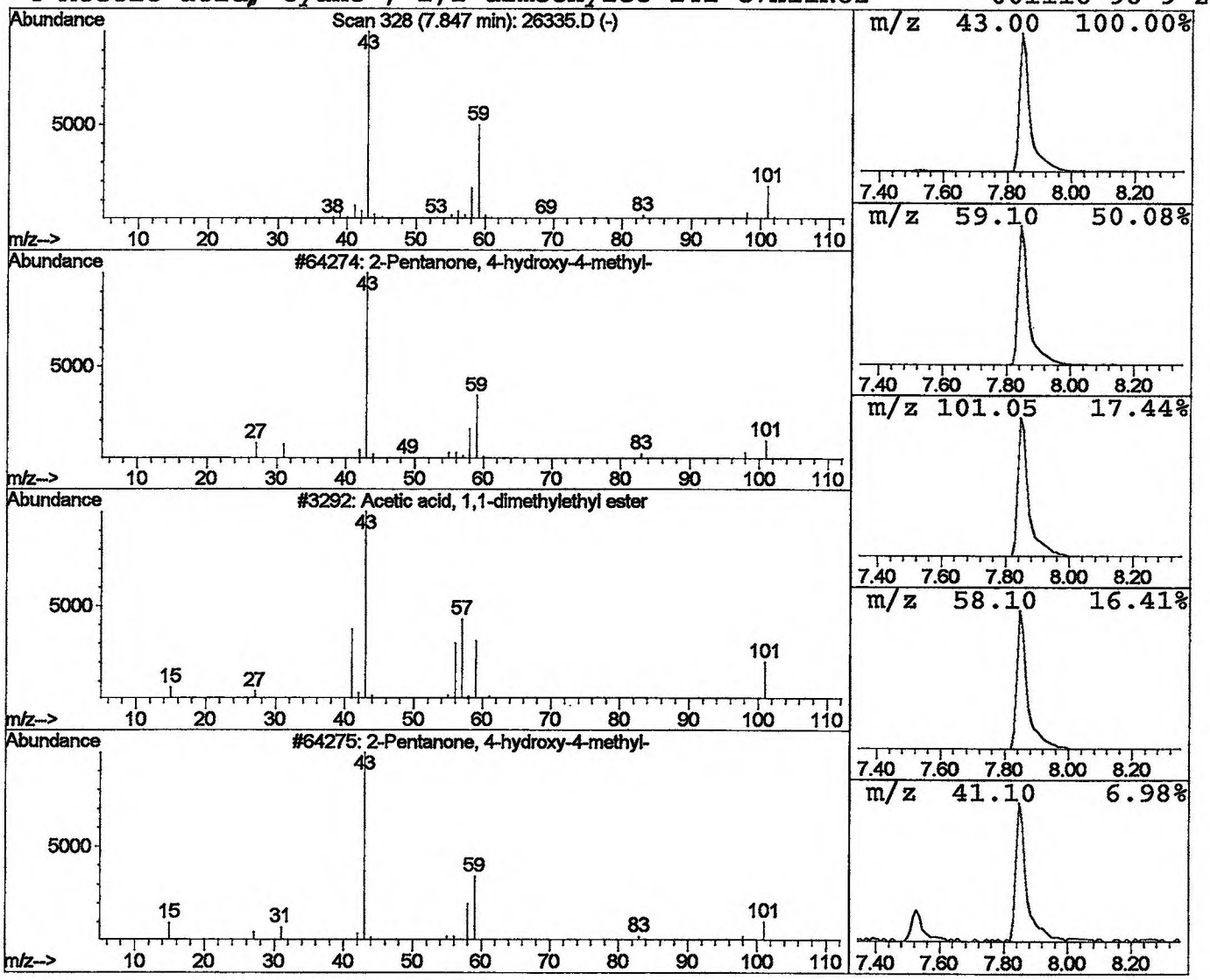
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.55 ng/uL	2496030	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	43
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D Vial: 17
Acq On : 1 Dec 2001 2:45 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

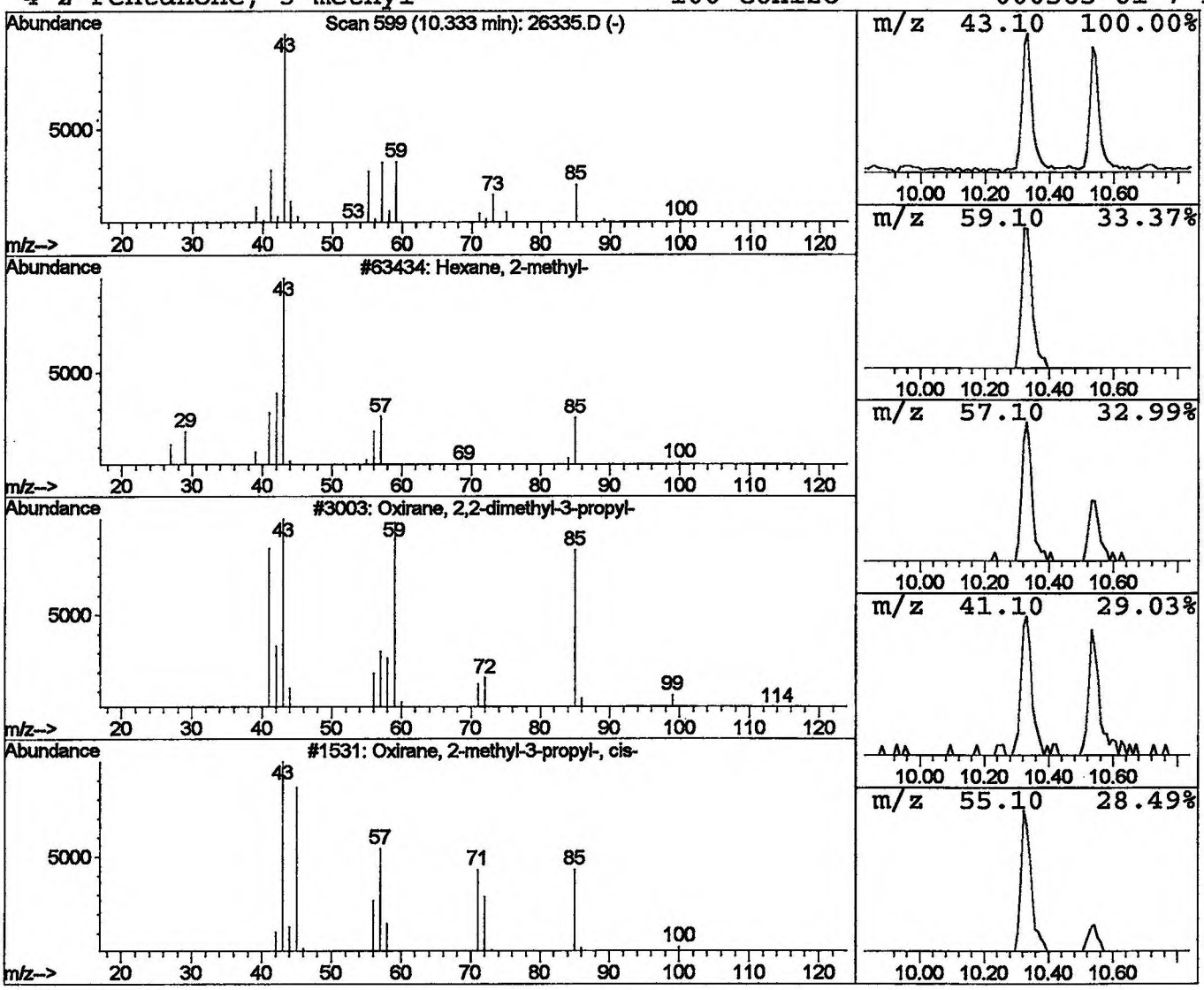
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	0.42 ng/uL	189986	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	35
2	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	23
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	12
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26335.D Vial: 17
Acq On : 1 Dec 2001 2:45 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

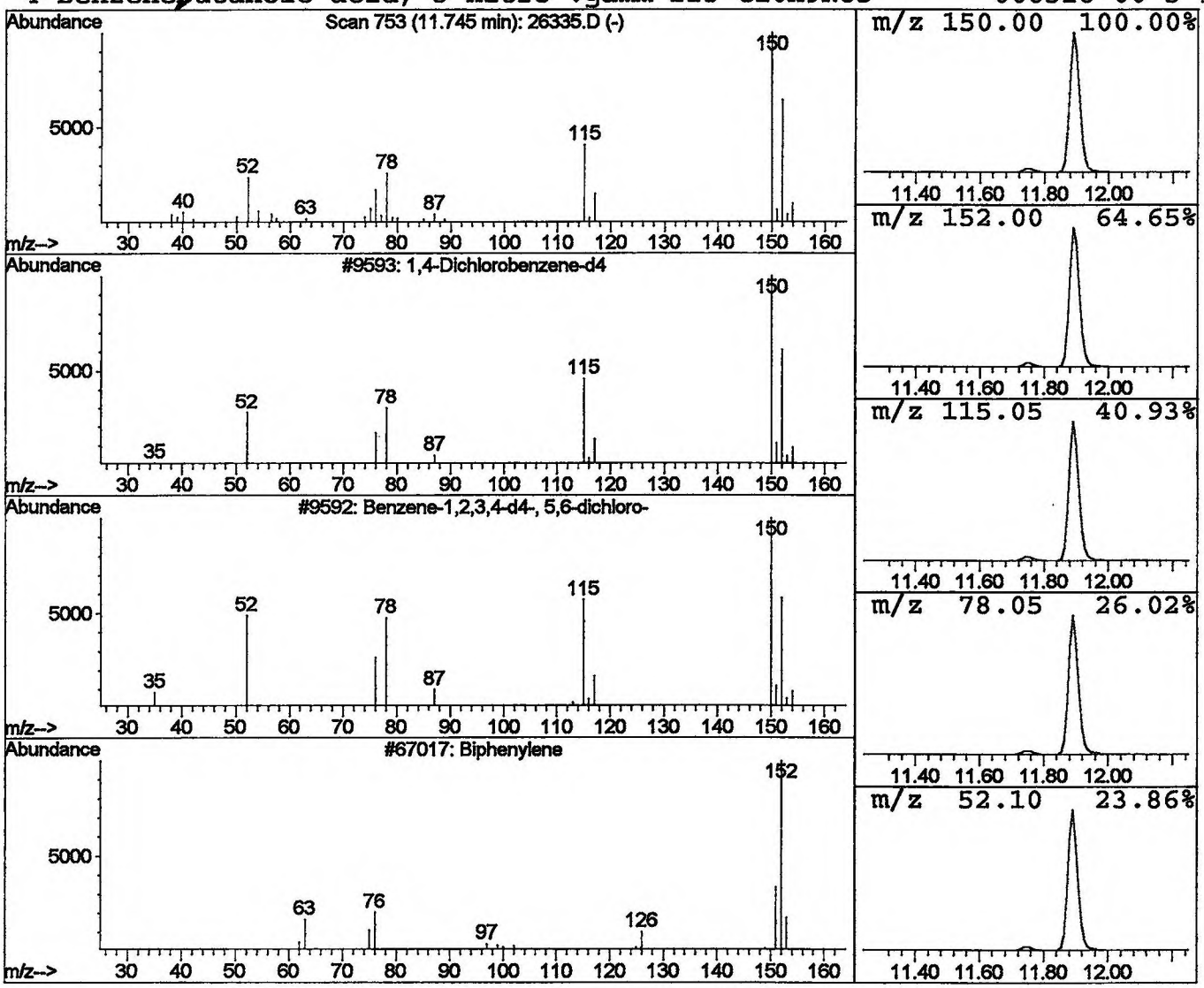
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	0.50 ng/uL	224202	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	72
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	25
3	Biphenylene	152	C12H8	000259-79-0	9
4	Benzenebutanoic acid, 3-nitro-.gamm	223	C10H9NO5	006328-00-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 2:45 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26335.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
Aziridine, 2,2-dimet	5.17	0.6	ng/uL	283242	ISTD01	11.89	9000340	20.0
2-Butanol, 3-methyl-	7.18	1.4	ng/uL	635882	ISTD01	11.89	9000340	20.0
2-Pentanone, 4-hydro	7.85	5.5	ng/uL	2496030	ISTD01	11.89	9000340	20.0
Hexane, 2-methyl-	10.33	0.4	ng/uL	189986	ISTD01	11.89	9000340	20.0
1,4-Dichlorobenzene-	11.74	0.5	ng/uL	224202	ISTD01	11.89	9000340	20.0

26335.D NP112701.M Tue Dec 04 15:07:23 2001