

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/04/2001 Time: 15:17:58

Sample: AD26472
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/4/01 15:17 Ended: 12/4/01 15:17 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26472 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-04-2001 Time: 15:18:11

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\26472.D

Vial: 10

Acq On : 30 Nov 2001 8:25 pm

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 14:54 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	1611892	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	6411079	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	2903761	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	4301221	20.00	ng/uL	-0.05
59) Chrysene-d12	33.20	240	2874522	20.00	ng/uL	-0.05
68) Perylene-d12	37.29	264	2144220	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	11.89	132	1707	0.02	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery =	0.03%#		
7) 1,2-Dichlorobenzene-d4	12.41	152	15352	0.22	ng/uL	-0.05
Spiked Amount	50.000	Range 26 - 73	Recovery =	0.44%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.93	172	5760	0.03	ng/uL	0.10
Spiked Amount	50.000	Range 42 - 78	Recovery =	0.06%#		
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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26472.D

Vial: 10

Acq On : 30 Nov 2001 8:25 pm

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 14:54 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
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) Azobenzene/ 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	25.20	178	394	N.D.		
56) Anthracene	25.20	178	394	N.D.		
57) Di-n-butylphthalate	27.17	149	4200	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	33.20	228	6209	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	1871	N.D.		
67) Chrysene	33.20	228	6209	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26472.D

Vial: 10

Acq On : 30 Nov 2001 8:25 pm

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 14:54 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
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.28	252	7687	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

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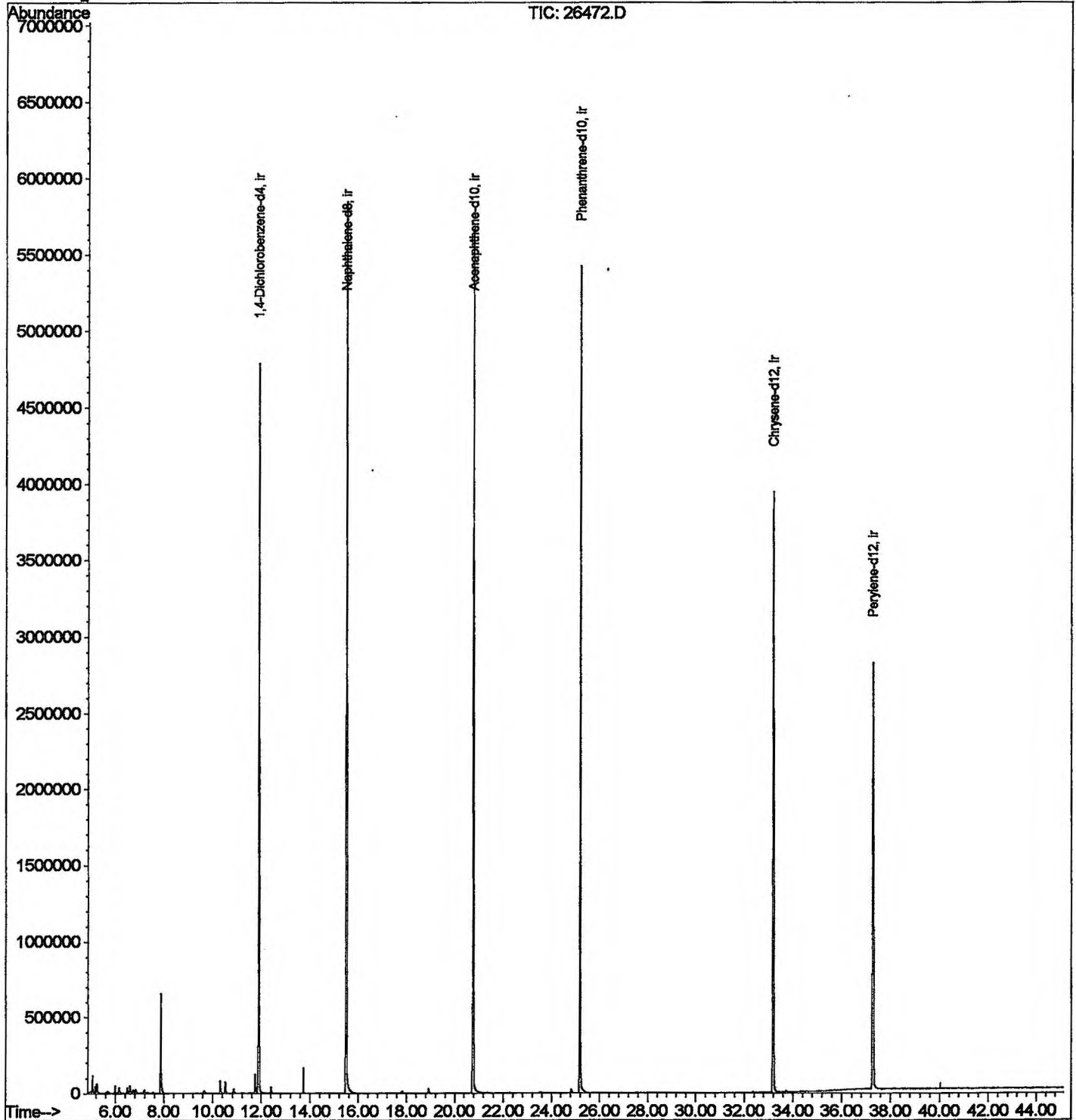
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26472.D
 Acq On : 30 Nov 2001 8:25 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 3 14:54 2001

Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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\26472.D
 Acq On : 30 Nov 2001 8:25 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

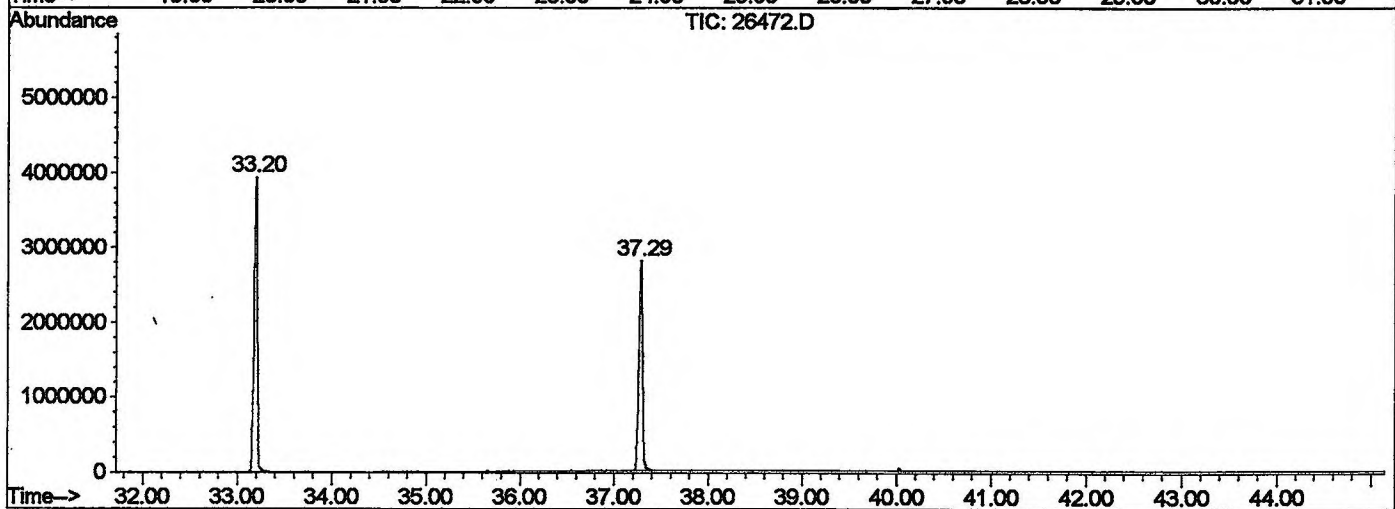
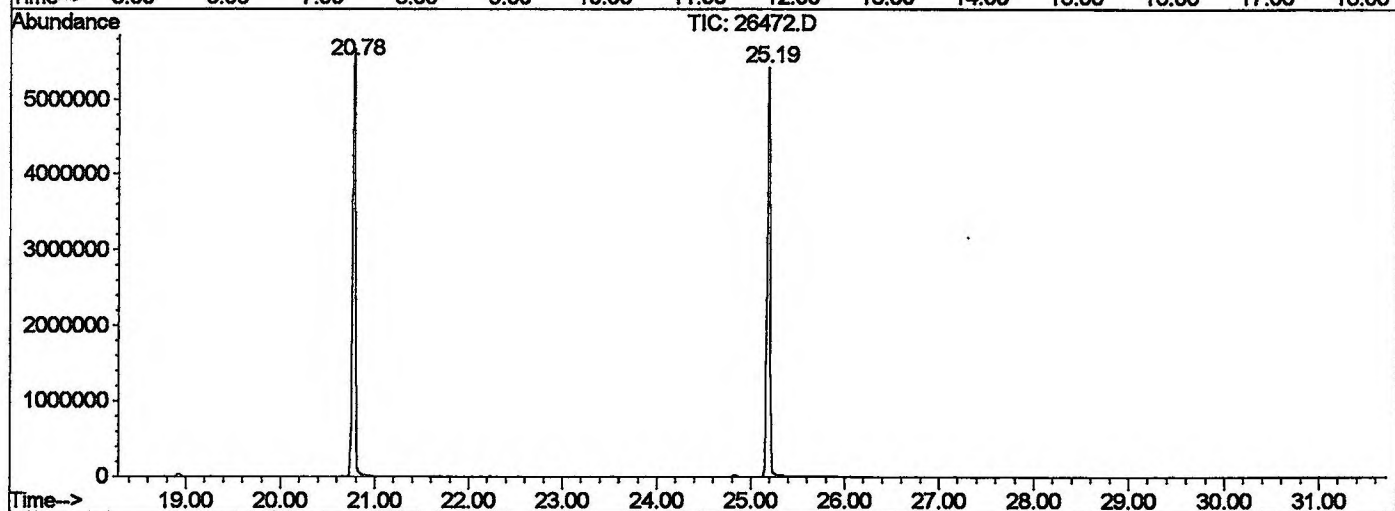
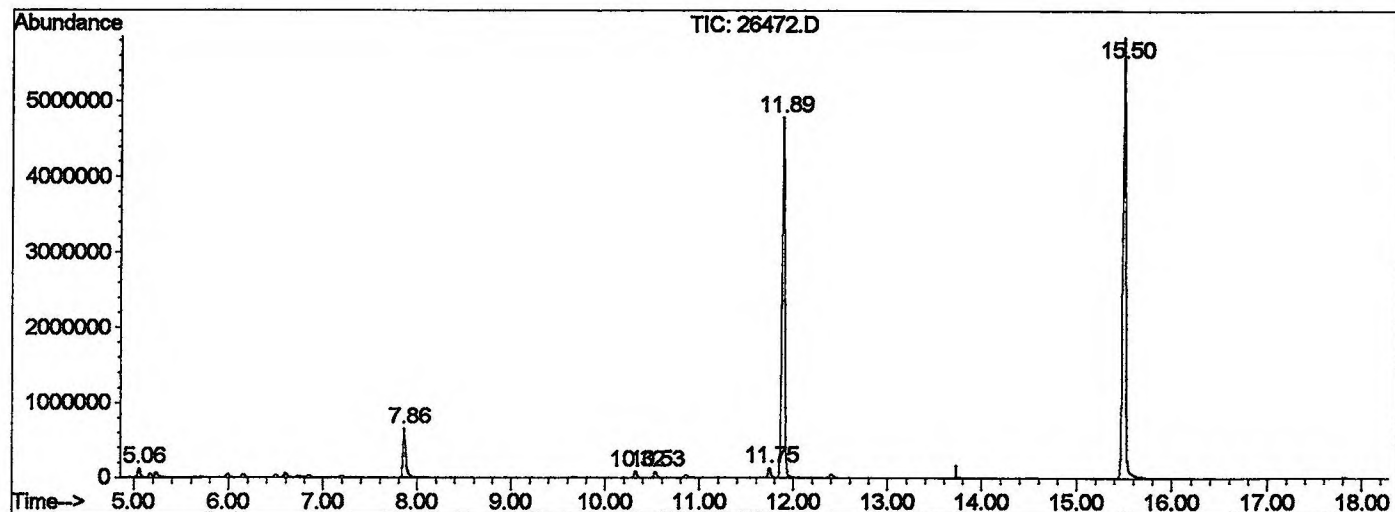
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.056	17	23	33	rVB	116218	216937	1.69%	0.330%
2	7.862	325	329	343	rVB	656982	1309716	10.21%	1.993%
3	10.320	593	597	605	rVB	81568	156150	1.22%	0.238%
4	10.531	615	620	630	rBV	74834	140235	1.09%	0.213%
5	11.750	748	753	759	rBV	125364	249019	1.94%	0.379%
6	11.888	763	768	782	rVB	4783927	9740954	75.96%	14.821%
7	15.501	1155	1162	1179	rBV	5847613	12823602	100.00%	19.511%
8	20.783	1730	1738	1762	rBV	5669975	12567253	98.00%	19.121%
9	25.194	2212	2219	2231	rBV2	5422205	11664661	90.96%	17.748%
10	33.199	3084	3092	3104	rBV2	3942861	9165377	71.47%	13.945%
11	37.289	3529	3538	3554	rBV2	2799564	7690707	59.97%	11.701%

Sum of corrected areas: 65724611

26472.D NP112701.M Tue Dec 04 10:44:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26472.D
 Operator : GALOS
 Acquired : 30 Nov 2001 8:25 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/3
 Misc Info :
 Vial Number: 10
 Quant File :NP112701.RES (RTE Integrator)



26472.D NP112701.M Tue Dec 04 10:44:43 2001

Library Search Compound Report

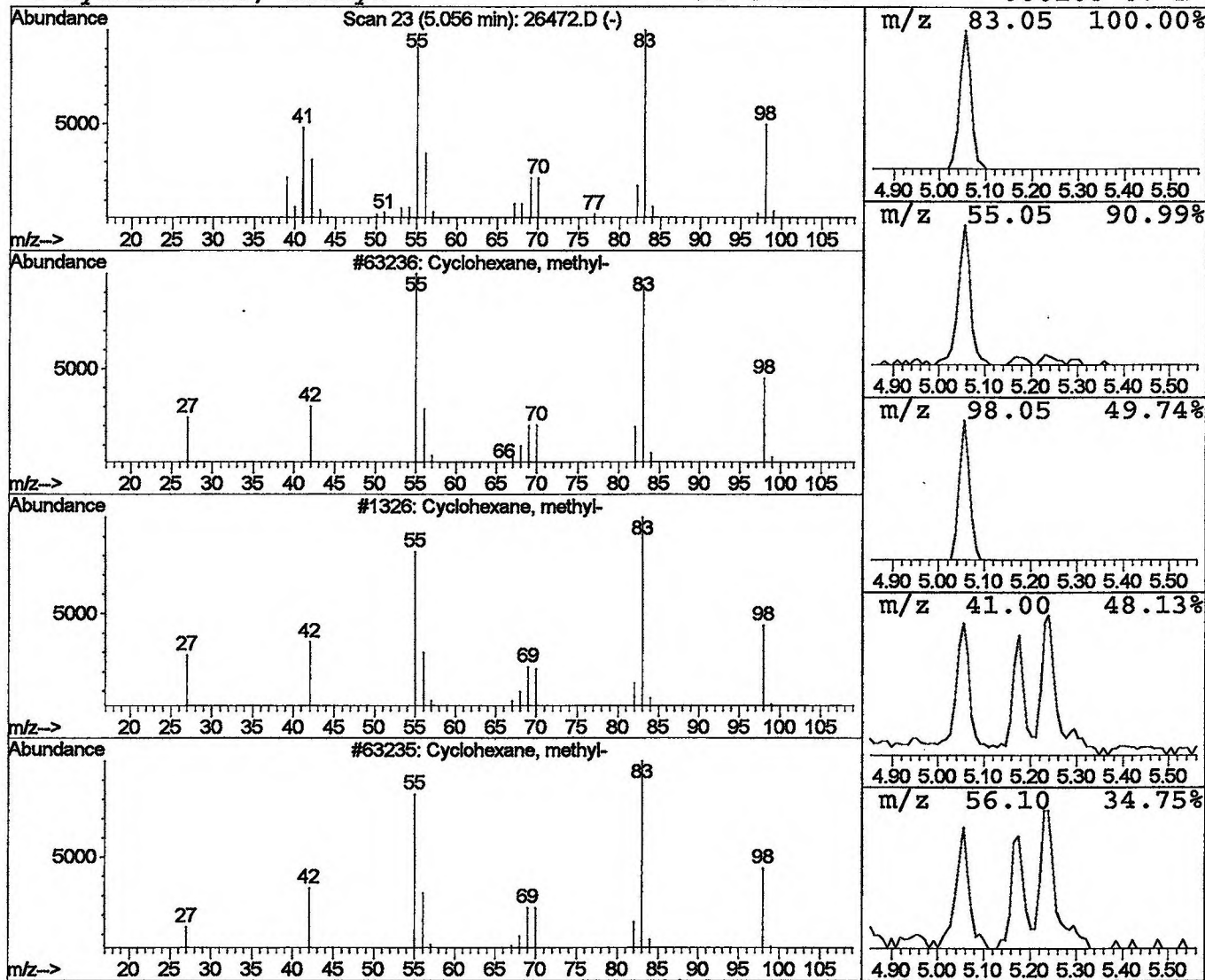
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 Acq On : 30 Nov 2001 8:25 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 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 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	0.45 ng/uL	216937	1,4-Dichlorobenzene-d4	11.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cyclohexane, methyl-	98 C7H14	000108-87-2	95
2	Cyclohexane, methyl-	98 C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98 C7H14	000108-87-2	91
4	Cyclohexane, methyl-	98 C7H14	000108-87-2	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26472.D
Acq On : 30 Nov 2001 8:25 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

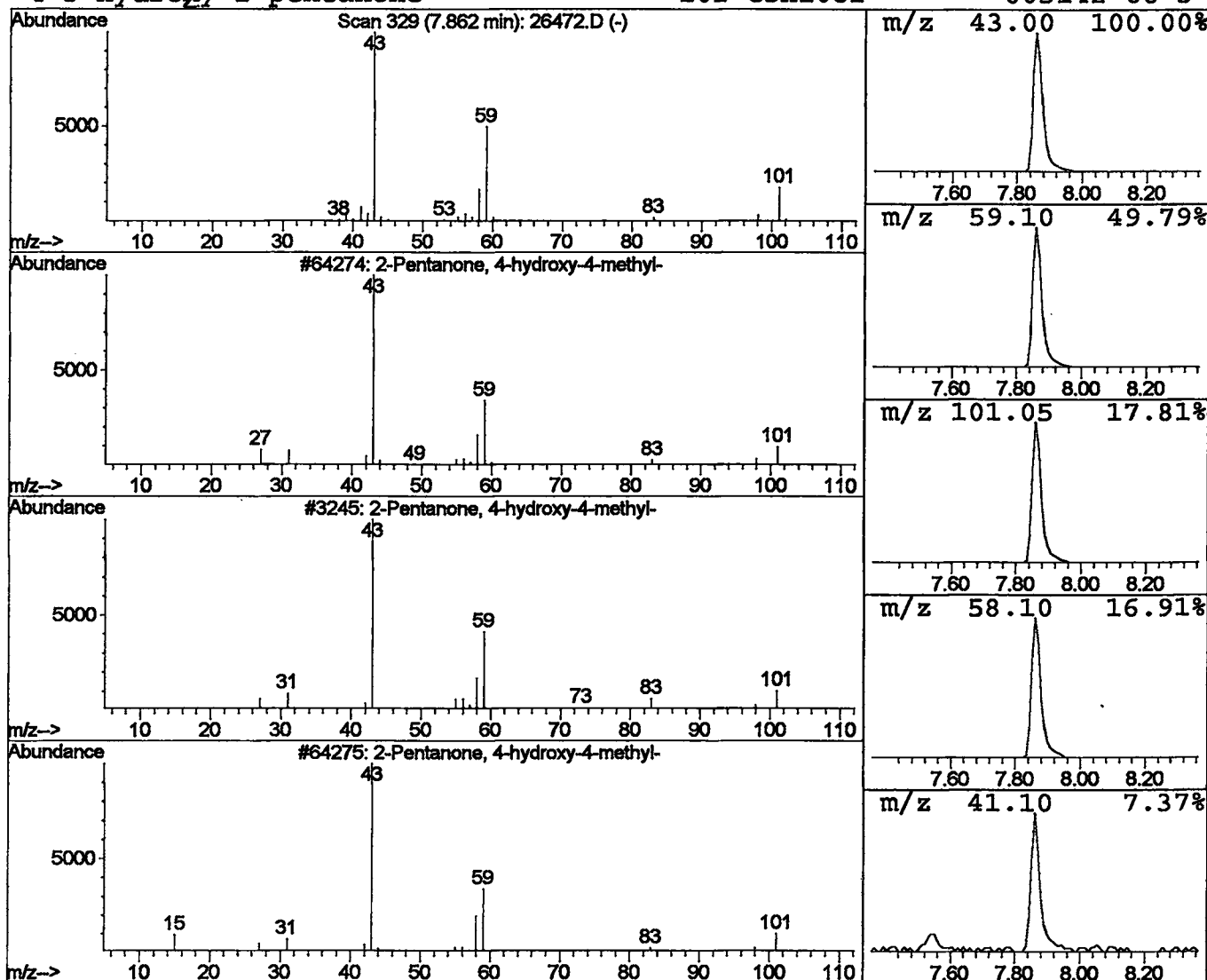
Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.69 ng/uL	1309720	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	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9		



Library Search Compound Report

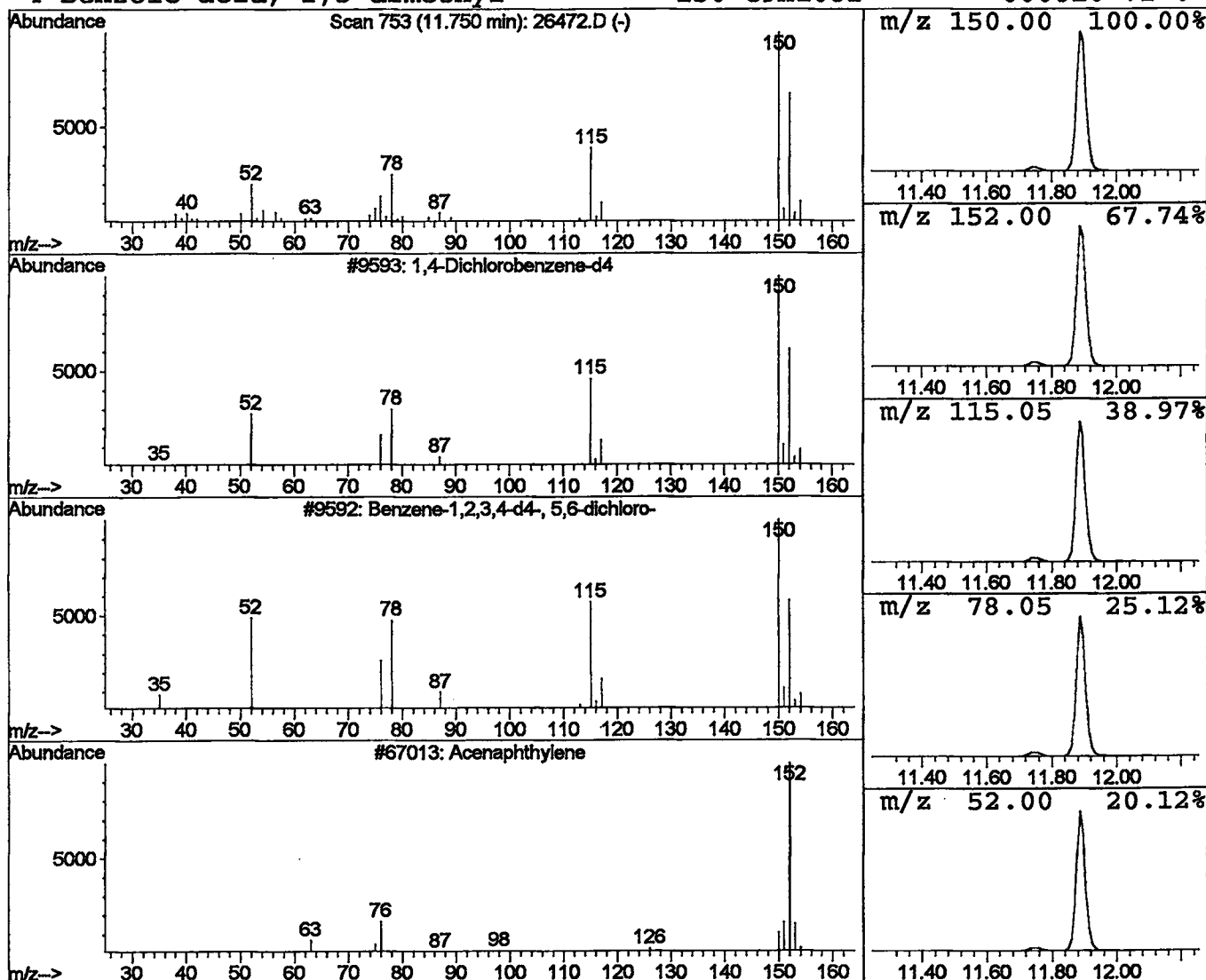
Data File : C:\HPCHEM\1\DATA\NOV3001\26472.D
 Acq On : 30 Nov 2001 8:25 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 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 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	0.51 ng/uL	249019	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	64
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	42
3	Acenaphthylene	152	C12H8	000208-96-8	9
4	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 30 Nov 2001 8:25 pm
 Data File: C:\HPCHEM\1\DATA\NOV3001\26472.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
Cyclohexane , methyl-	5.06	0.4	ng/uL	216937	ISTD01	11.89	9740950	20.0
2-Pentanone , 4-hydro	7.86	2.7	ng/uL	1309720	ISTD01	11.89	9740950	20.0
1,4-Dichlorobenzene -	11.75	0.5	ng/uL	249019	ISTD01	11.89	9740950	20.0

26472.D NP112701.M Tue Dec 04 10:44:46 2001