

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/29/2001 Time: 10:45:13

Sample: AD24049
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 10/29/01 10:14 Ended: 10/29/01 10:14 Analyst: MG
 Page: 1

Component Name	Vol	Result
Other unknown compounds		see comment

Comments for Sample AD24049 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-29-2001 Time: 10:45:18

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\OCT2501\24049.D

Vial: 10

Acq On : 25 Oct 2001 9:29 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 26 9:51 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.73	152	752572	20.00	ug/l	-0.02
19) Naphthalene-d8	15.34	136	3080943	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.63	164	1493404	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	2243004	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1195243	20.00	ug/l	0.00
68) Perylene-d12	37.21	264	769169	20.00	ug/l	0.01

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	11.72	132	517	0.01	ug/l	0.46
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.26	152	8778	0.17	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.34%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.78	172	3367	0.02	ug/l	0.12
Spiked Amount	50.000		Recovery	=	0.04%	
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.	
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.	

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

24049.D NP101901.M Fri Oct 26 09:52:57 2001

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D
 Acq On : 25 Oct 2001 9:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 26 9:51 2001

Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Last Update : Tue Oct 23 10:12:13 2001
 Response via : Initial Calibration
 DataAcq Meth : NP101901

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	15.41	128	951	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	20.97	165	670	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) 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	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	1664	N.D.		
56) Anthracene	25.12	178	1000	N.D.		
57) Di-n-butylphthalate	27.06	149	3343	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	33.11	228	3164	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.36	149	3099	N.D.		
67) Chrysene	33.11	228	3164	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
 24049.D NP101901.M Fri Oct 26 09:53:02 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D Vial: 10
Acq On : 25 Oct 2001 9:29 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:51 2001 Quant Results File: NP101901.RES
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.21	252	3078	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.		

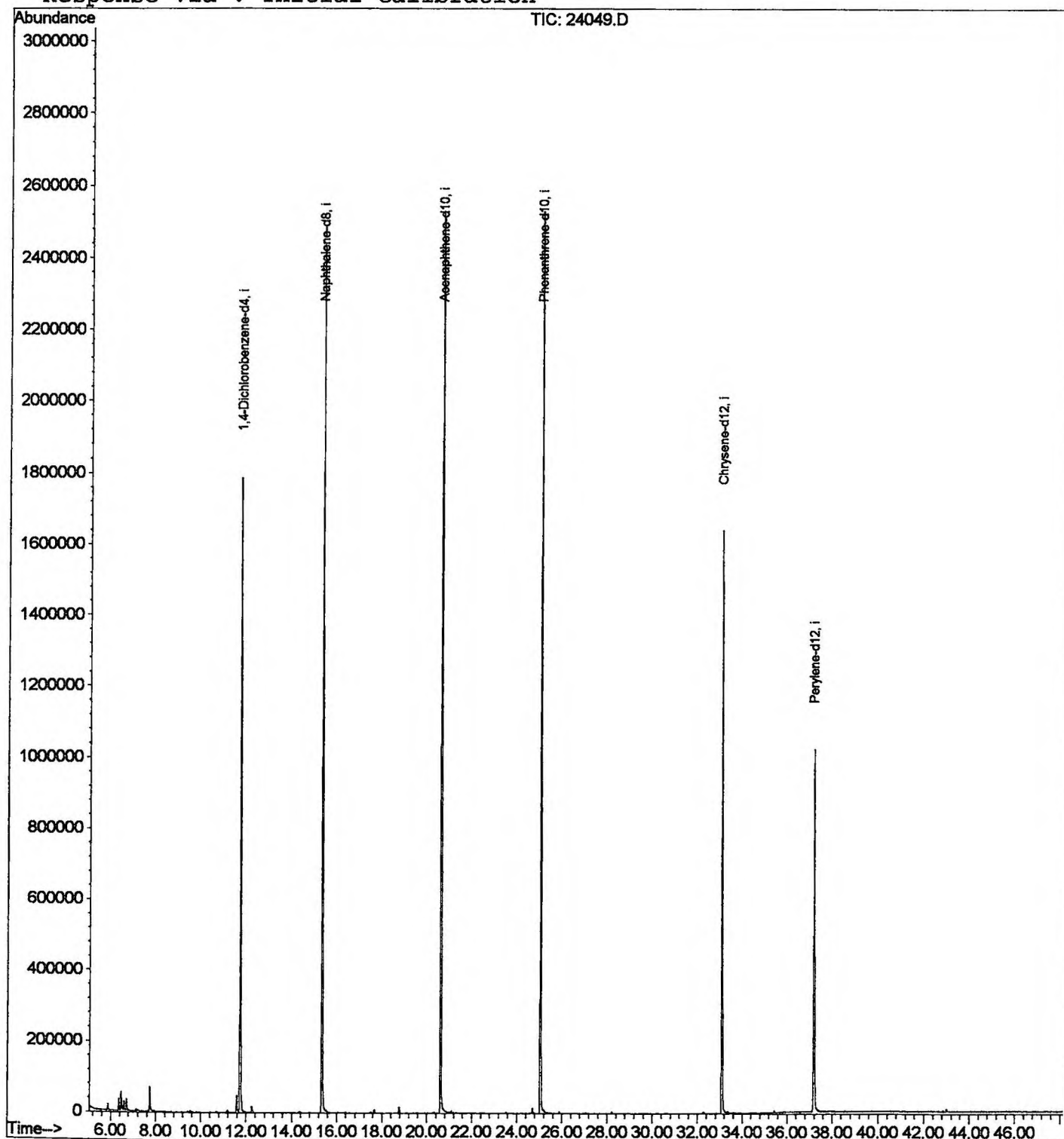
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D
 Acq On : 25 Oct 2001 9:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 26 9:51 2001

Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Oct 23 10:12:13 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D

Acq On : 25 Oct 2001 9:29 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/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	6.372	141	145	149	rBV	34194	66583	1.12%	0.233%
2	6.473	151	156	167	rVV	53618	130685	2.19%	0.456%
3	6.712	179	182	192	rVB	33599	68998	1.16%	0.241%
4	7.731	290	293	309	rBV	68675	161721	2.71%	0.565%
5	11.596	709	714	723	rBV	47118	104564	1.75%	0.365%
6	11.734	723	729	745	rBV	1784835	4028484	67.49%	14.071%
7	15.342	1115	1122	1140	rBV	2435593	5680134	95.17%	19.841%
8	20.629	1690	1698	1716	rBV	2530108	5968608	100.00%	20.848%
9	25.064	2173	2181	2194	rBV	2528796	5644561	94.57%	19.716%
10	33.096	3049	3056	3072	rBV2	1640552	3873079	64.89%	13.529%
11	37.209	3495	3504	3519	rBV2	1018168	2901389	48.61%	10.135%

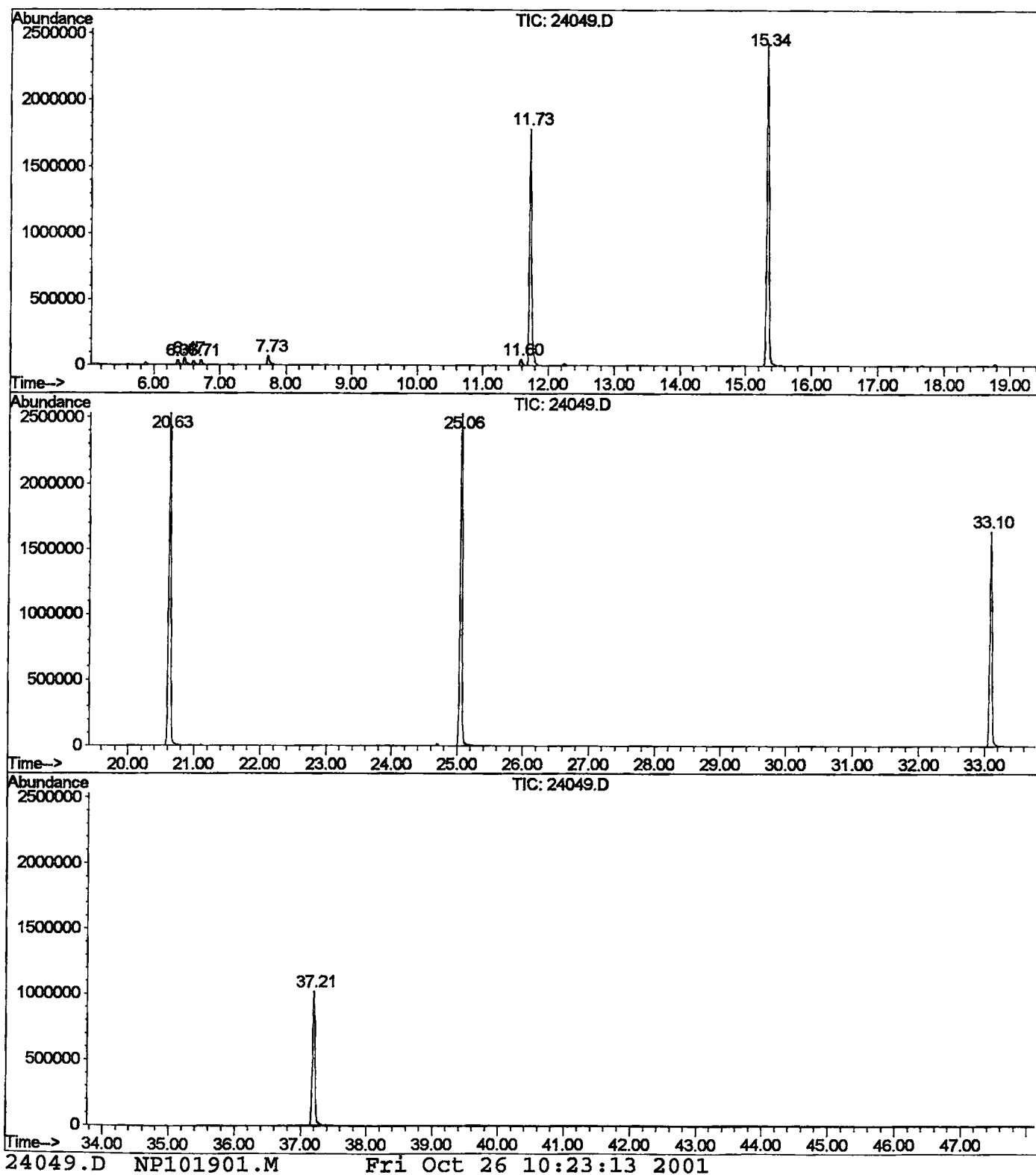
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24049.D NP101901.M

Fri Oct 26 10:23:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24049.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 9:29 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 10
Quant File :NP101901.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D
 Acq On : 25 Oct 2001 9:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

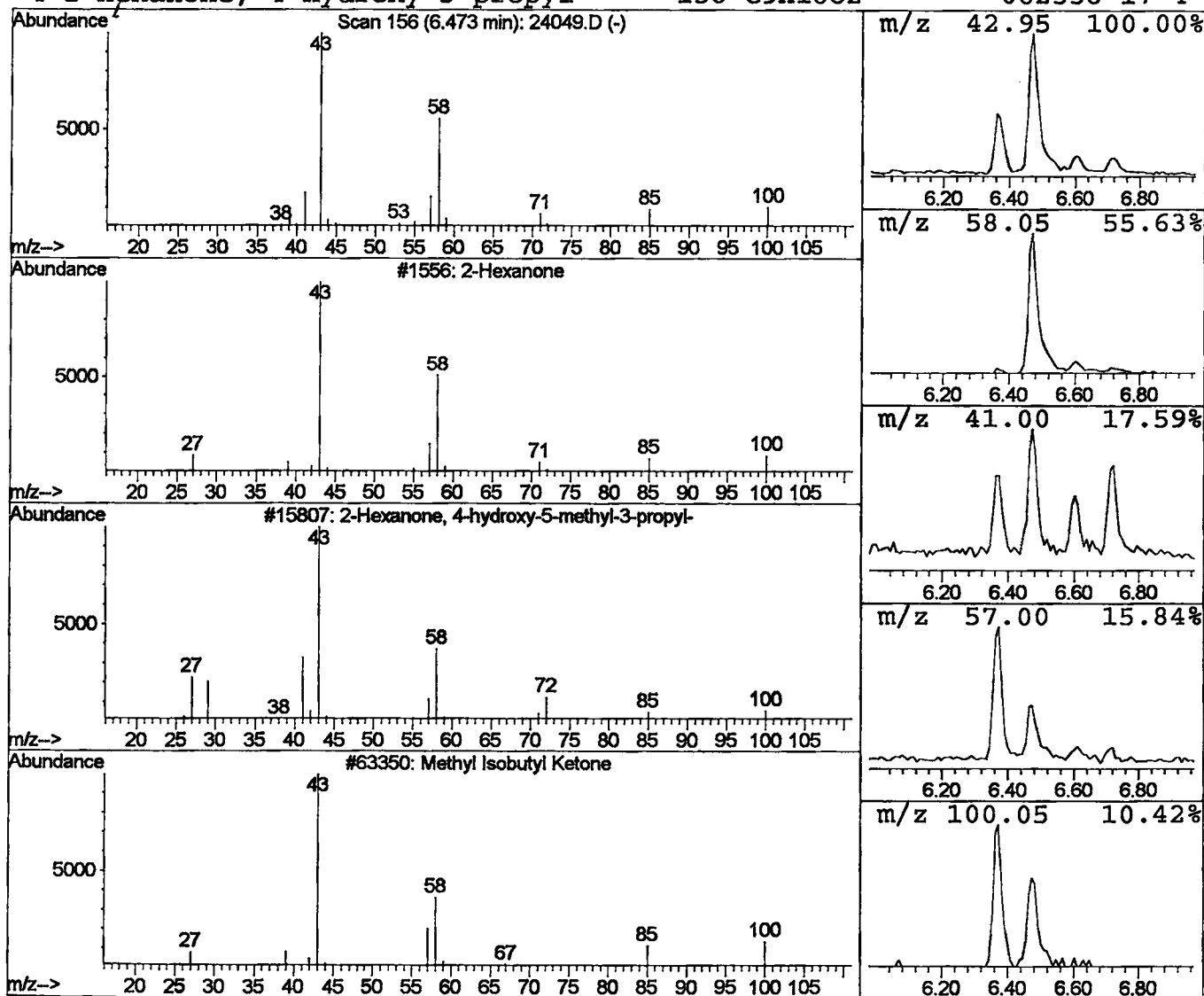
Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	0.65 ug/l	130685	1,4-Dichlorobenzene-d4	11.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone		100	C6H12O	000591-78-6	90
2	2-Hexanone, 4-hydroxy-5-methyl-3-pr		172	C10H20O2	061141-74-0	74
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

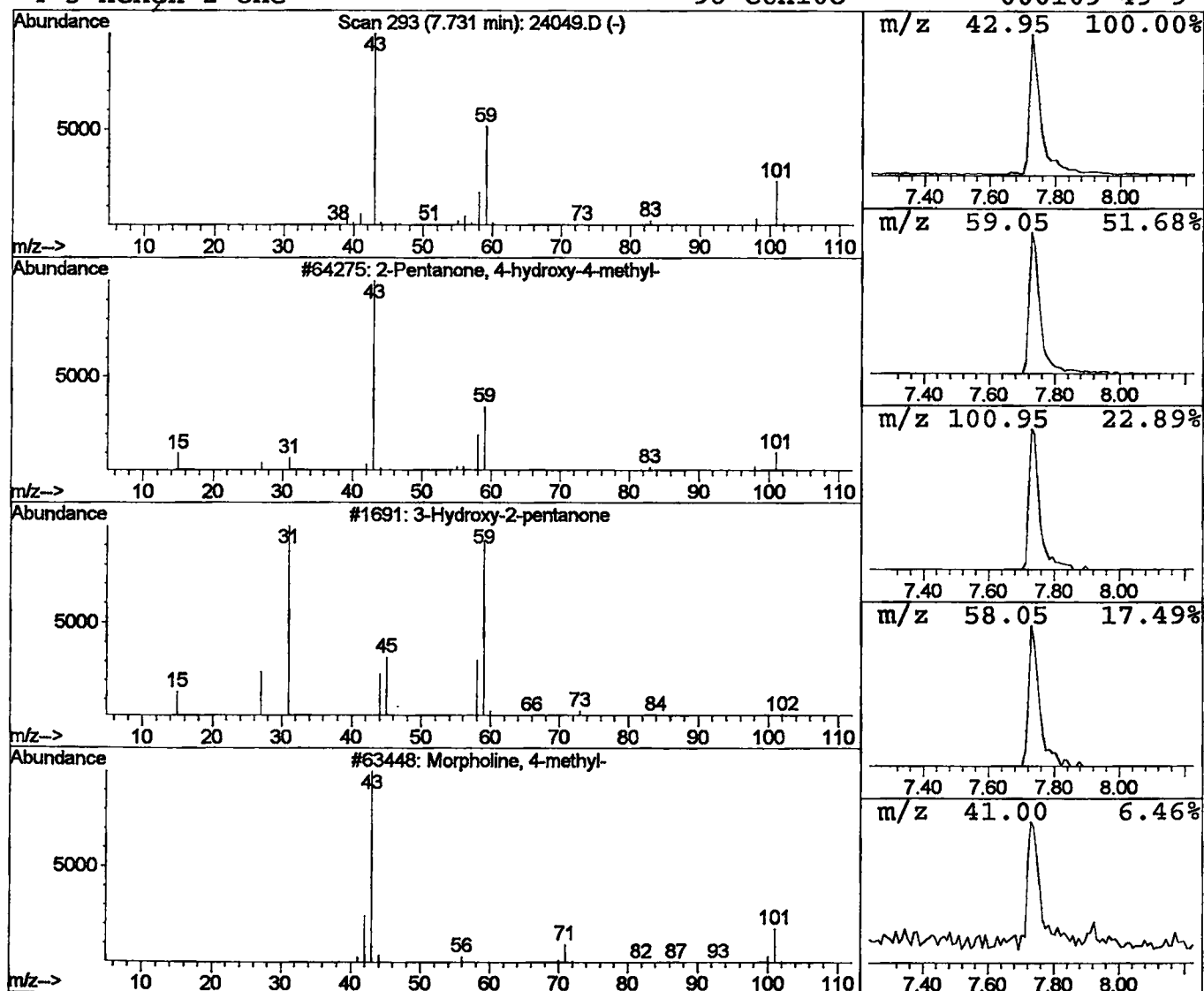
Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D
 Acq On : 25 Oct 2001 9:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.73	0.80 ug/l	161721	1,4-Dichlorobenzene-d4	11.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38	
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24049.D
 Acq On : 25 Oct 2001 9:29 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

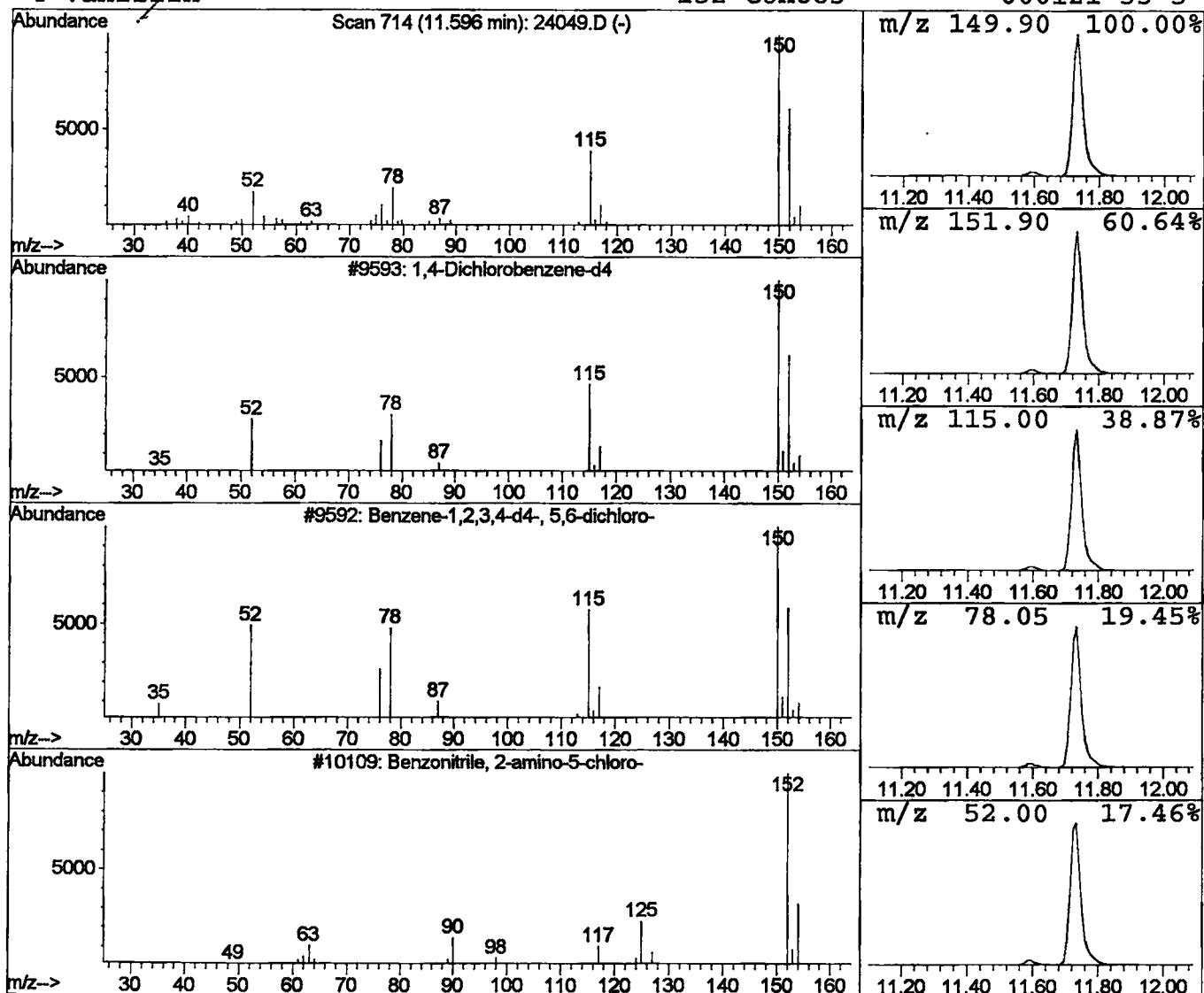
Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	0.52 ug/l	104564	1,4-Dichlorobenzene-d4	11.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	27
3		Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	9
4		Vanillin	152	C8H8O3	000121-33-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Oct 2001 9:29 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\24049.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.47	0.6	ug/l	130685	ISTD01	11.73	4028480	20.0
2-Pentanone, 4-hydro	7.73	0.8	ug/l	161721	ISTD01	11.73	4028480	20.0
1,4-Dichlorobenzene-	11.60	0.5	ug/l	104564	ISTD01	11.73	4028480	20.0

24049.D NP101901.M Fri Oct 26 10:23:40 2001