User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 10:02:15

Sample: AD24949
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/19/01 10:01 Ended: 11/19/01 10:01 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD24949 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-19-2001 Time: 10:02:19

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\NOV0601\24949.D Vial: 17
Acq On : 7 Nov 2001 4:22 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 7 5:10 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	760181	20.00 ug/l	-0.01
19) Naphthalene-d8	15.32	136	2959345	20.00 ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1496109	20.00 ug/l	-0.01
49) Phenanthrene-d10	25.02	188	2269190	20.00 ug/l	-0.01
59) Chrysene-d12	33.06	240	1556483	20.00 ug/l	0.00
68) Perylene-d12	37.17	264	1098381	20.00 ug/l	0.00
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	11.71	132	583	0.01 ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	8914	0.26 ug/l	-0.01
Spiked Amount 50.000			Recovery =	0.52%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.74	172	3002	0.03 ug/l	0.12
Spiked Amount 50.000			Recovery =	0.06%	
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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	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	15.37	128	227	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.	
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	20.91	165	423	N.D.	
45)	Diethylphthalate	22.10	149	183	N.D.	
46)	4-Chlorophenyl-phenylether	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	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	25.02	178	736	N.D.	
56)	Anthracene	25.02	178	736	N.D.	
57)	Di-n-butylphthalate	27.03	149	3217	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	33.05	228	3875	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	5354	N.D.	
67)	Chrysene	33.05	228	3875	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\NOV0601\24949.D Vial: 17
Acq On : 7 Nov 2001 4:22 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 7 5:10 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.17	252	4045	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.	

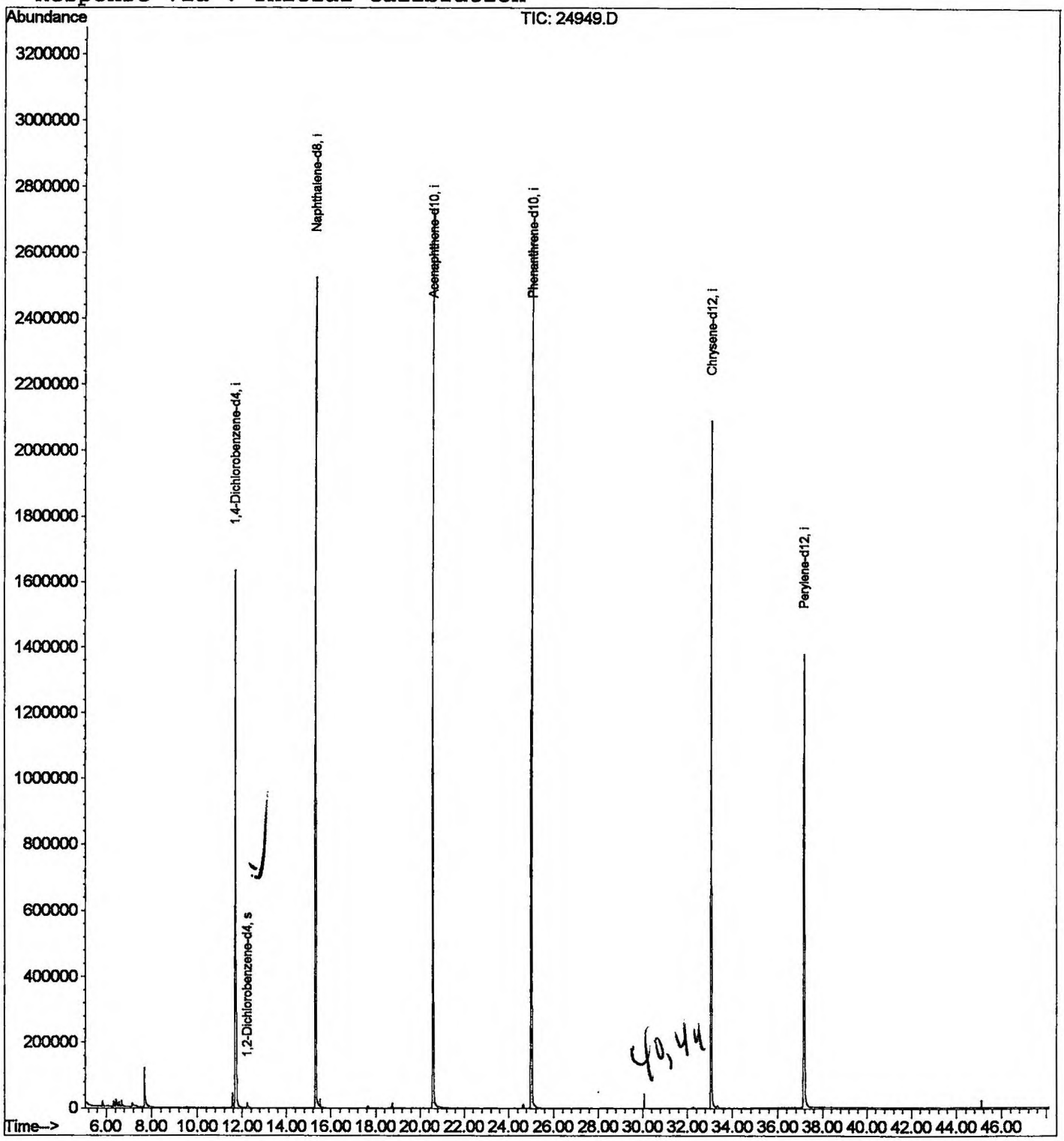
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24949.D
Acq On : 7 Nov 2001 4:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 7 5:10 2001

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24949.D Vial: 17
Acq On : 7 Nov 2001 4:22 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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

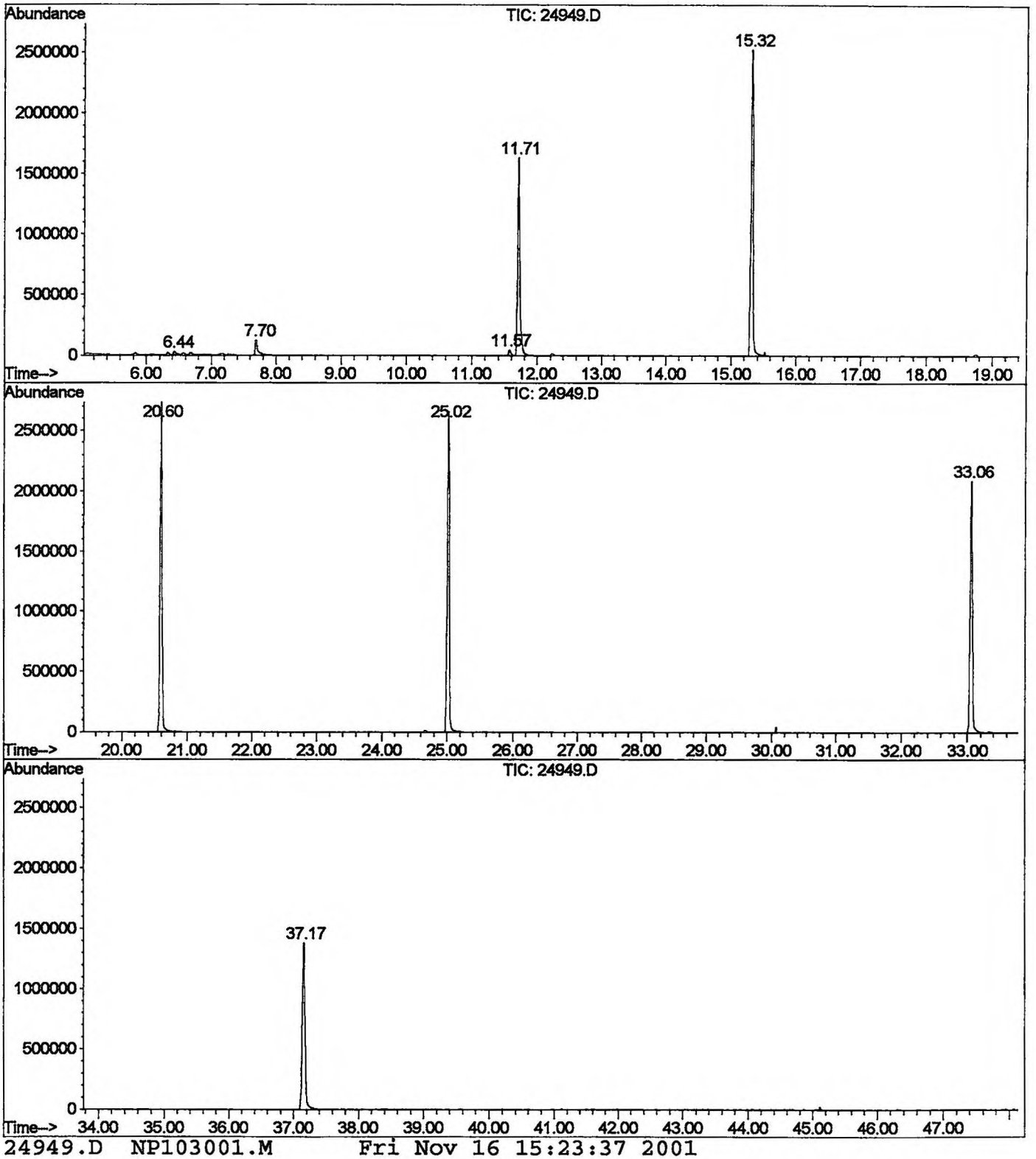
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.440	148	152	163	rVV	22055	58911	1.01%	0.195%
2	7.698	285	289	301	rBV	121223	317233	5.42%	1.050%
3	11.572	706	711	720	rBV	45116	104599	1.79%	0.346%
4	11.710	721	726	745	rVV	1633127	3927520	67.09%	13.004%
5	15.318	1113	1119	1138	rBV	2524022	5399001	92.23%	17.876%
6	20.596	1687	1694	1714	rBV	2732681	5853816	100.00%	19.382%
7	25.021	2169	2176	2189	rBV2	2655797	5675877	96.96%	18.793%
8	33.063	3045	3052	3076	rBV2	2089272	4904471	83.78%	16.239%
9	37.167	3490	3499	3517	rBV	1376312	3961089	67.67%	13.115%

Sum of corrected areas: 30202517

24949.D NP103001.M Fri Nov 16 15:23:34 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0601\24949.D
Operator : 209 GALOS
Acquired : 7 Nov 2001 4:22 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 17
Quant File :NP103001.RES (RTE Integrator)



24949.D NP103001.M Fri Nov 16 15:23:37 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24949.D
Acq On : 7 Nov 2001 4:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

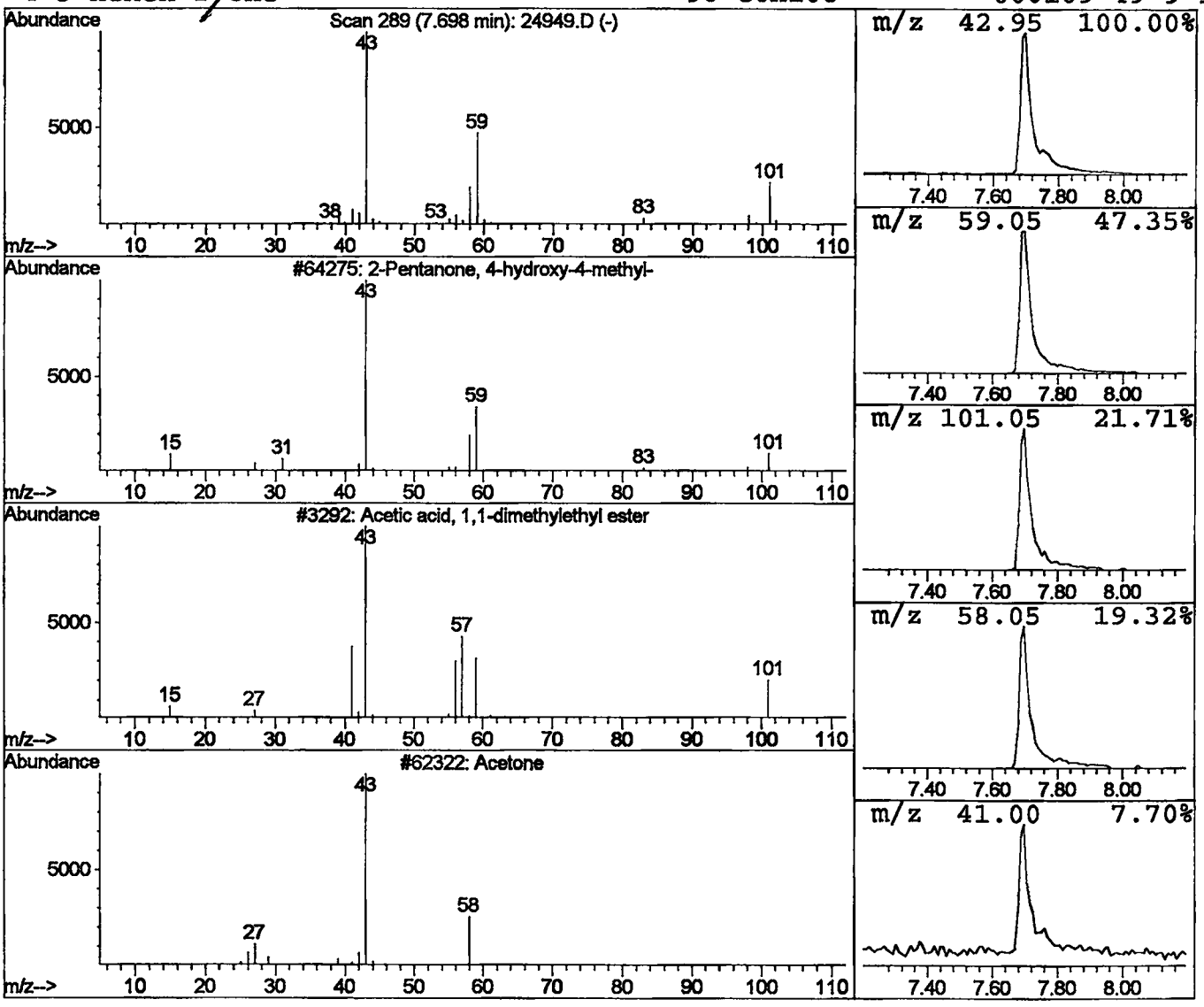
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	1.62 ug/l	317233	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	Acetone	58	C3H6O	000067-64-1	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0601\24949.D
Acq On : 7 Nov 2001 4:22 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

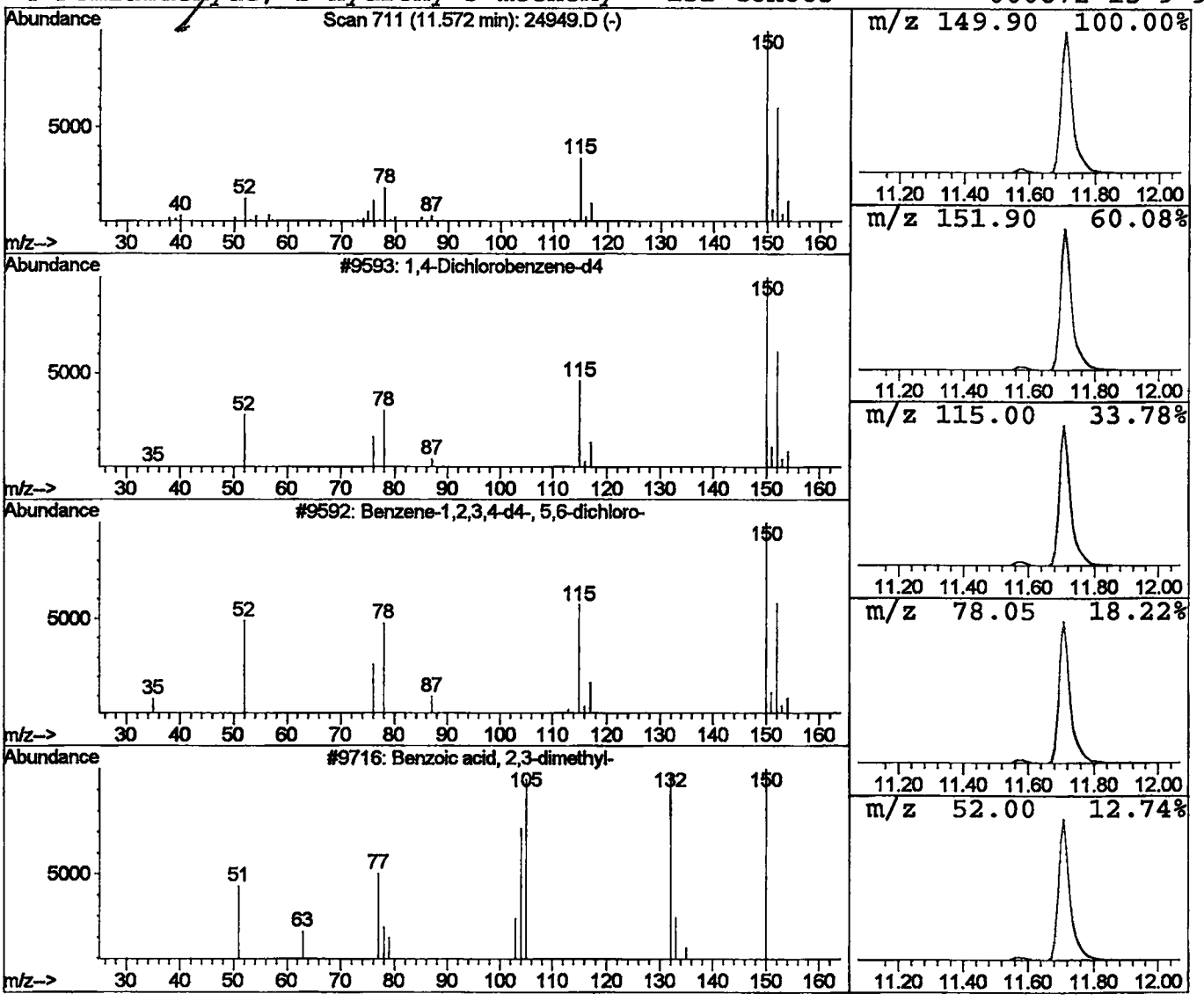
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.53 ug/l	104599	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	86
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	12
3	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	9
4	Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 7 Nov 2001 4:22 am
Data File: C:\HPCHEM\1\DATA\NOV0601\24949.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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-Pentanone, 4-hydro	7.70	1.6	ug/l	317233	ISTD01	11.71	3927520	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	104599	ISTD01	11.71	3927520	20.0

24949.D NP103001.M Fri Nov 16 15:23:43 2001