User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/03/2001 Time: 12:33:07

Sample: AD26130
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/3/01 12:32 Ended: 12/3/01 12:32 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26130 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-03-2001 Time: 12:33:11

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\26130.D Vial: 67
Acq On : 1 Dec 2001 7:18 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 1 8:07 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	740337	20.00 ug/l	0.00
19) Naphthalene-d8	15.31	136	2834905	20.00 ug/l	0.00
31) Acenaphthene-d10	20.58	164	1311397	20.00 ug/l	0.00
49) Phenanthrene-d10	25.00	188	1767433	20.00 ug/l	0.00
59) Chrysene-d12	33.03	240	1072253	20.00 ug/l	0.00
68) Perylene-d12	37.13	264	748948	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	11.70	132	874	0.02 ug/l	0.49
Spiked Amount 75.000			Recovery =	0.03%	
7) 1,2-Dichlorobenzene-d4	12.22	152	9050	0.29 ug/l	0.00
Spiked Amount 50.000			Recovery =	0.58%	
20) Nitrobenzene-d5	0.00	82	0	0.00 ug/l	
Spiked Amount 50.000			Recovery =	0.00%	
32) 2-Fluorobiphenyl	18.73	172	2917	0.04 ug/l	0.15
Spiked Amount 50.000			Recovery =	0.08%	
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)

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D Vial: 67
Acq On : 1 Dec 2001 7:18 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 1 8:07 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

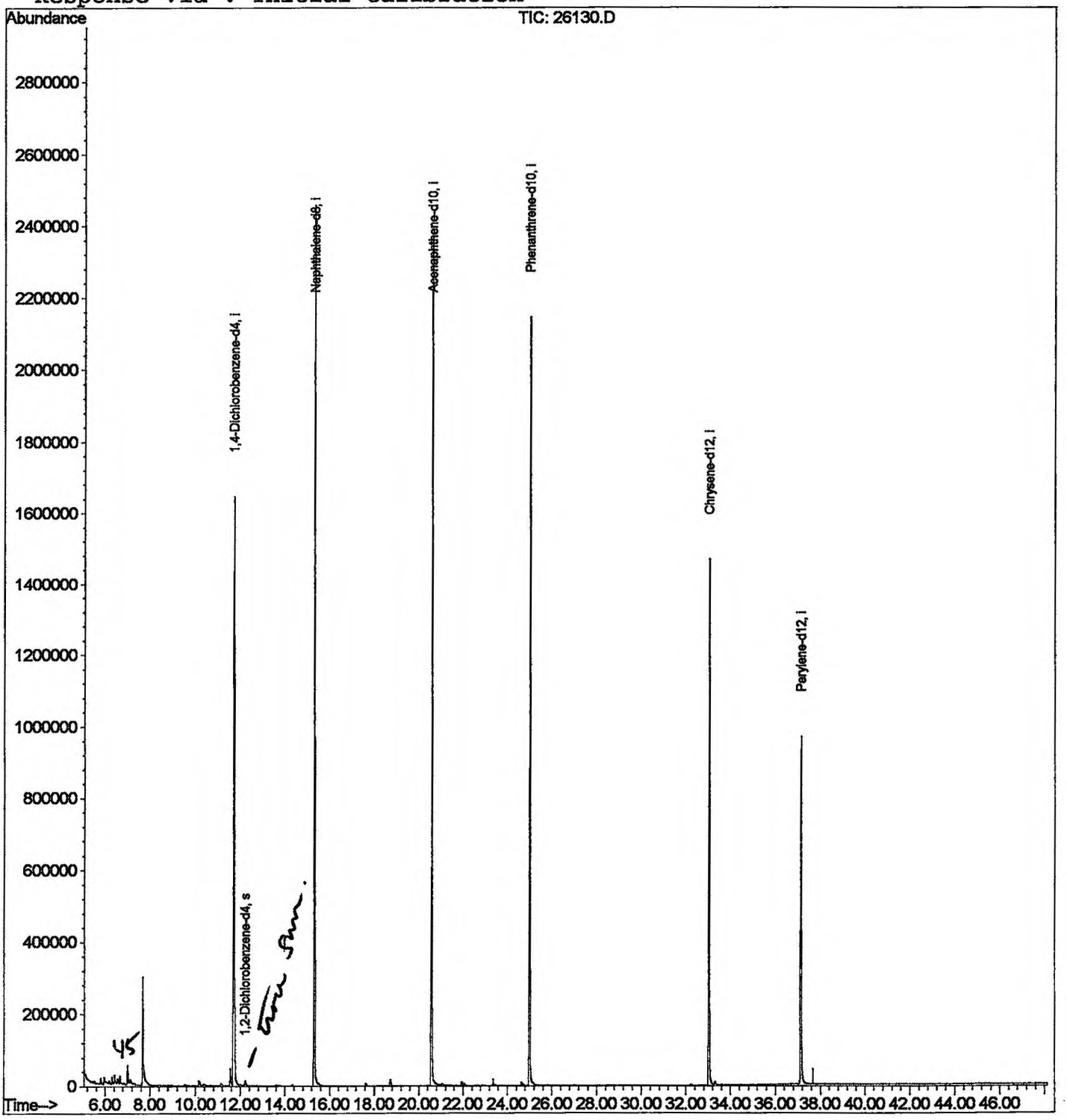
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.	
24) 2,4-Dimethylphenol	0.00	107	0	N.D.	
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26) 2,4-Dichlorophenol	0.00	162	0	N.D.	
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28) Naphthalene	15.37	128	303	N.D.	
29) Hexachlorobutadiene	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	21.06	65	554	N.D.	
44) 2,4-Dinitrotoluene	21.12	165	115	N.D.	
45) Diethylphthalate	22.09	149	178	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	25.01	178	563	N.D.	
56) Anthracene	25.01	178	563	N.D.	
57) Di-n-butylphthalate	27.01	149	2859	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	33.03	228	2783	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.32	149	7382	N.D.	
67) Chrysene	33.03	228	2783	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

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D Vial: 67
Acq On : 1 Dec 2001 7:18 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 1 8:07 2001 Quant Results File: NP112601.RES

Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D Vial: 67
Acq On : 1 Dec 2001 7:18 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112601.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

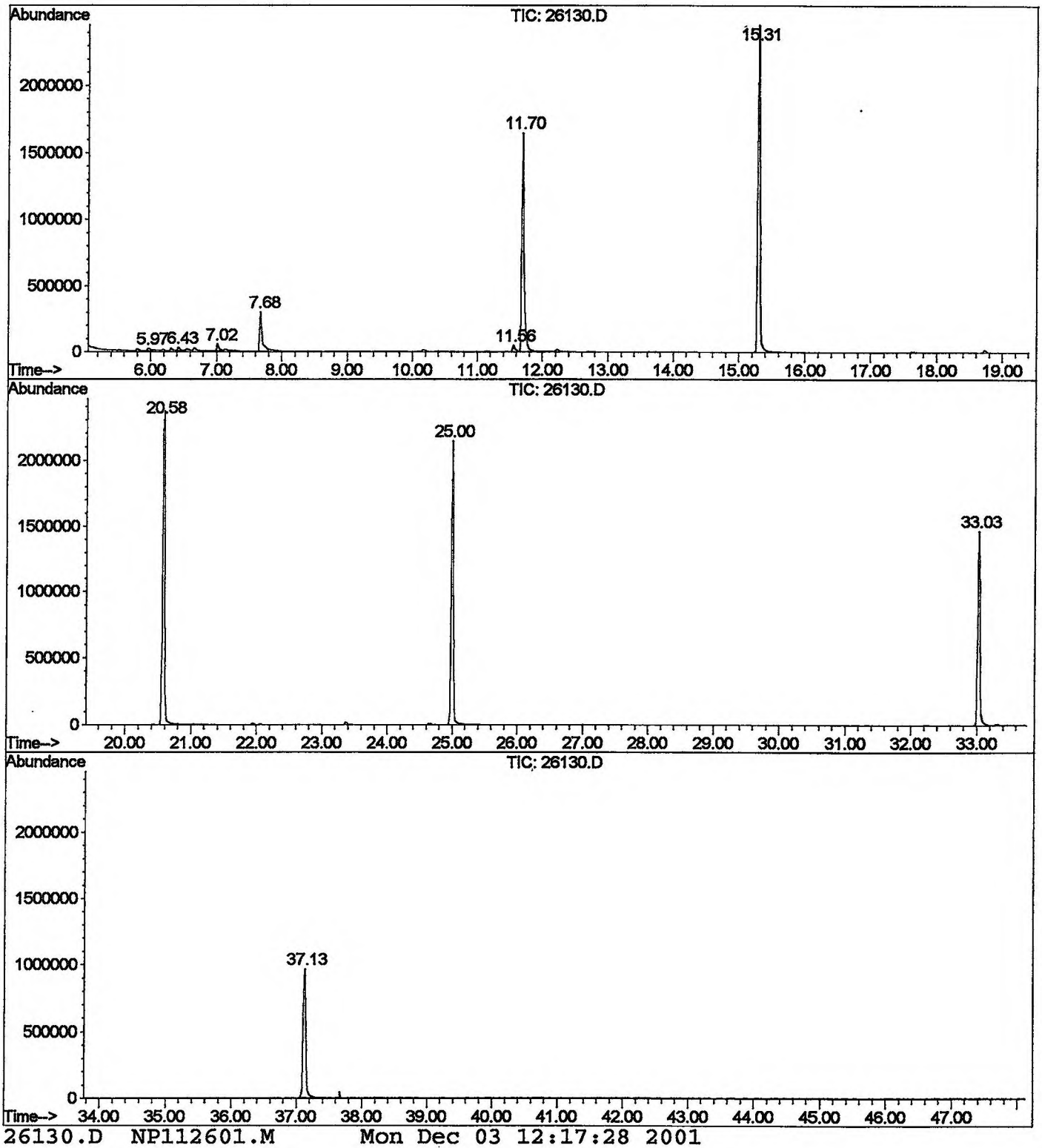
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.969	97	101	108	rBV	19465	60939	1.13%	0.227%
2	6.428	147	151	161	rVV2	24449	62847	1.17%	0.235%
3	7.015	211	215	223	rBV	52700	117148	2.17%	0.437%
4	7.676	283	287	300	rBV	299287	740396	13.74%	2.764%
5	11.560	706	710	720	rBV	48313	121256	2.25%	0.453%
6	11.697	720	725	747	rVV	1644502	4118658	76.45%	15.375%
7	15.305	1112	1118	1135	rBV	2458270	5378747	99.84%	20.079%
8	20.584	1686	1693	1714	rBV	2368370	5387177	100.00%	20.111%
9	25.000	2168	2174	2187	rBV2	2144590	4659714	86.50%	17.395%
10	33.032	3042	3049	3072	rBV2	1467938	3419328	63.47%	12.765%
11	37.127	3487	3495	3514	rBV2	965574	2721247	50.51%	10.159%

Sum of corrected areas: 26787457

26130.D NP112601.M Mon Dec 03 12:17:25 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26130.D
Operator : 209 GALOS
Acquired : 1 Dec 2001 7:18 am using AcqMethod NP112601
Instrument : GC/MS 209
Sample Name: 11/2 gc/ms
Misc Info :
Vial Number: 67
Quant File :NP112601.RES (RTE Integrator)



26130.D NP112601.M Mon Dec 03 12:17:28 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D
Acq On : 1 Dec 2001 7:18 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 67
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

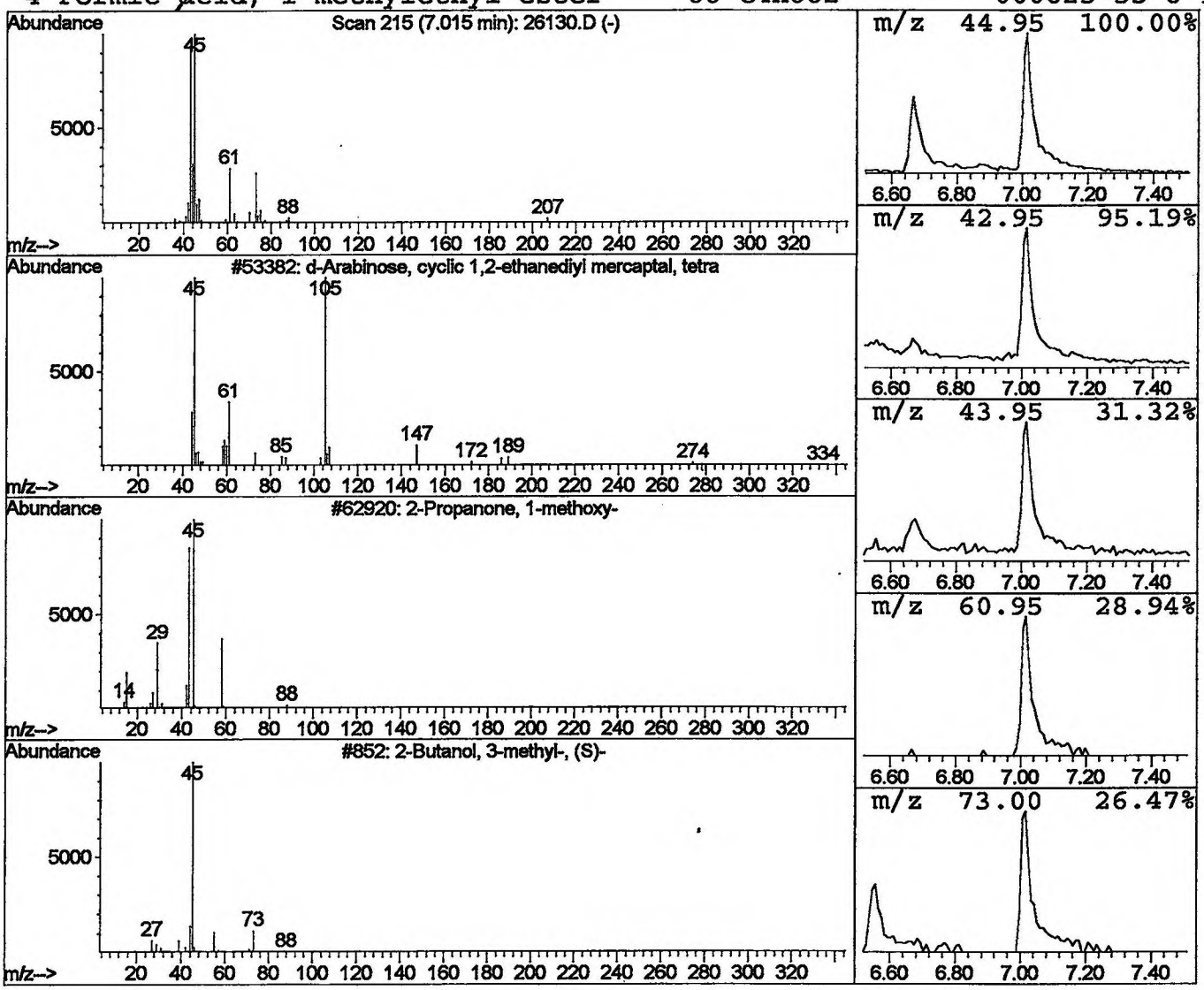
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 d-Arabinose, cyclic 1,2-ethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	0.57 ug/l	117148	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Arabinose, cyclic 1,2-ethanediyl	394	C15H22O8S2	040733-16-2	40
2	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	32
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	9
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D
Acq On : 1 Dec 2001 7:18 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 67
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

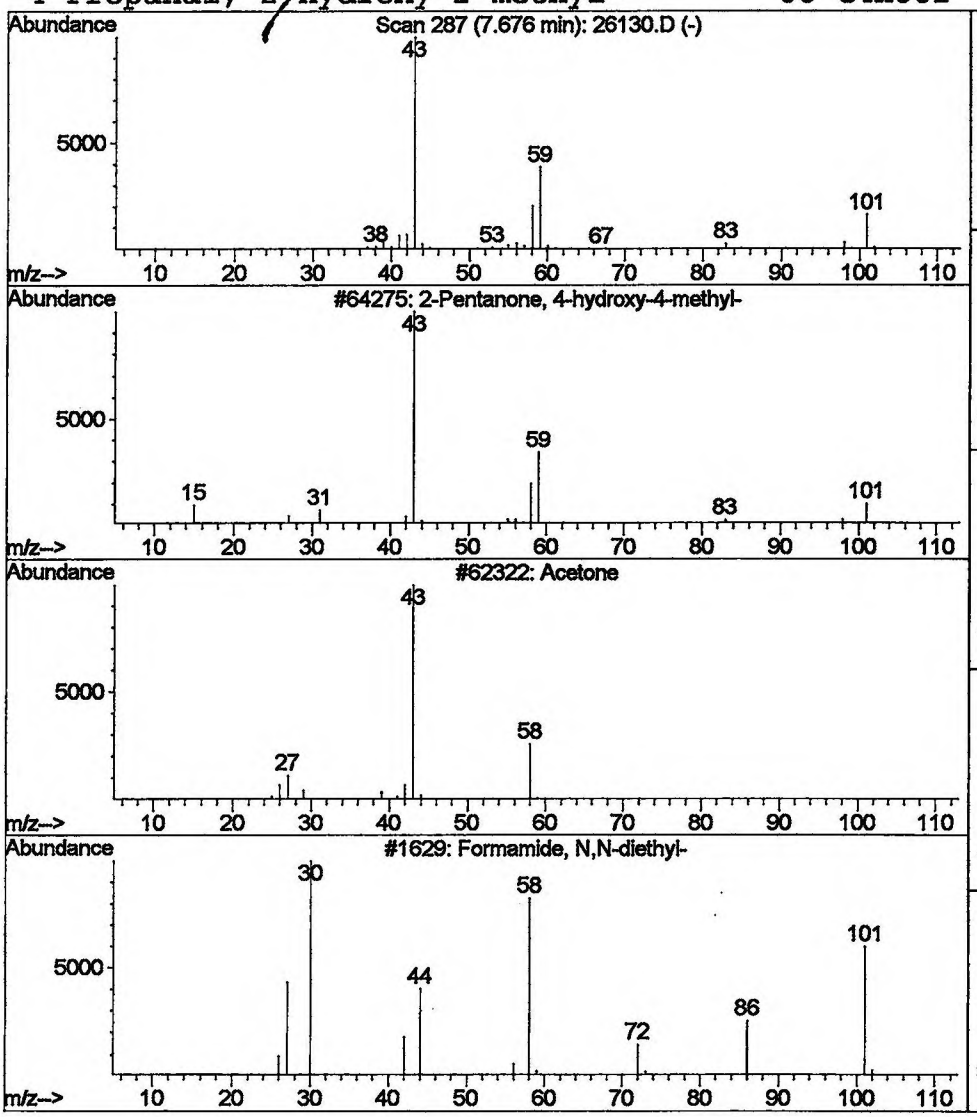
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

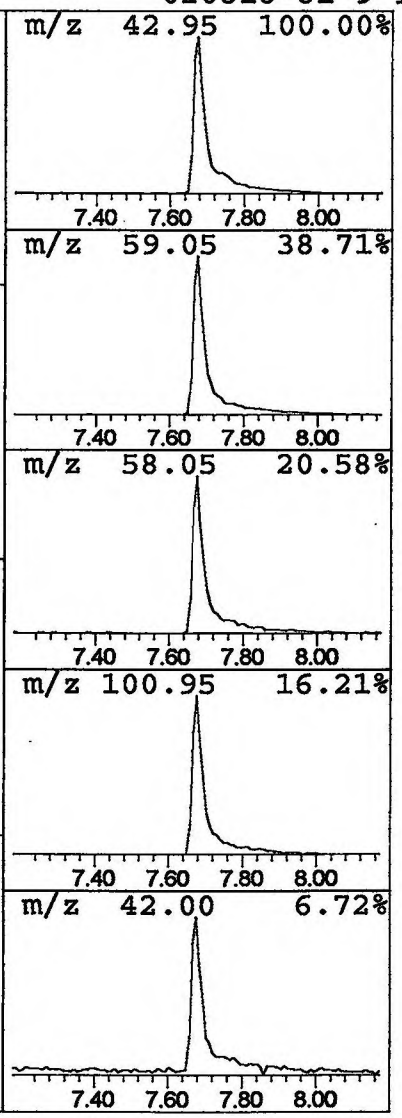
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.60 ug/l	740396	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	Acetone	58	C3H6O	000067-64-1	16
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26130.D
Acq On : 1 Dec 2001 7:18 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 67
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

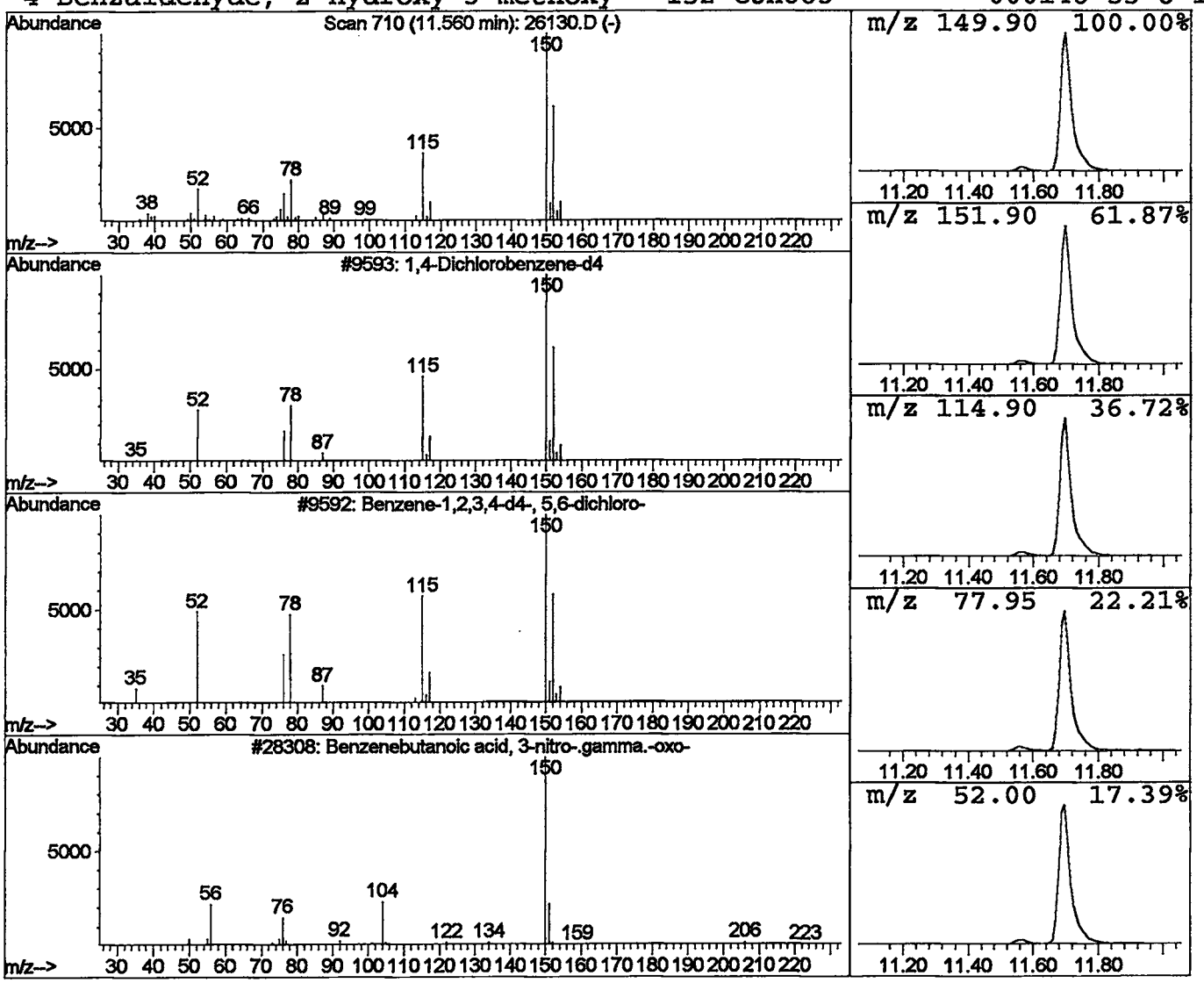
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.59 ug/l	121256	1,4-Dichlorobenzene-d4	11.70

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	33
3	Benzenebutanoic acid, 3-nitro-.gamm	223	C10H9NO5	006328-00-3	17
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Dec 2001 7:18 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26130.D
Name: 11/2 gc/ms
Misc:
Method: C:\HPCHEM\1\METHODS\NP112601.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
d-Arabinose, cyclic	7.02	0.6	ug/l	117148	ISTD01	11.70	4118660	20.0
2-Pentanone, 4-hydro	7.68	3.6	ug/l	740396	ISTD01	11.70	4118660	20.0
1,4-Dichlorobenzene-	11.56	0.6	ug/l	121256	ISTD01	11.70	4118660	20.0

26130.D NP112601.M Mon Dec 03 12:17:37 2001