User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 14:38:08

Sample: AD26317
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 14:37 Ended: 12/4/01 14:37 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26317 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 14:38:20

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\26317.D Vial: 16
Acq On : 1 Dec 2001 1:51 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	11.90	152	1507473	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.51	136	5867864	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.78	164	2612370	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	3691092	20.00	ng/uL	-0.05
59) Chrysene-d12	33.19	240	2307852	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	1646642	20.00	ng/uL	-0.06
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	1352	0.01	ng/uL	0.47
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.41	152	14679	0.23	ng/uL	-0.05
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.46%#		
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	5196	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	5.04	79	288	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26317.D Vial: 16
Acq On : 1 Dec 2001 1:51 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

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) 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	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	25.25	178	332	N.D.	
56) Anthracene	25.25	178	332	N.D.	
57) Di-n-butylphthalate	27.17	149	41010	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	5095	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.45	149	11451	N.D.	
67) Chrysene	33.20	228	5095	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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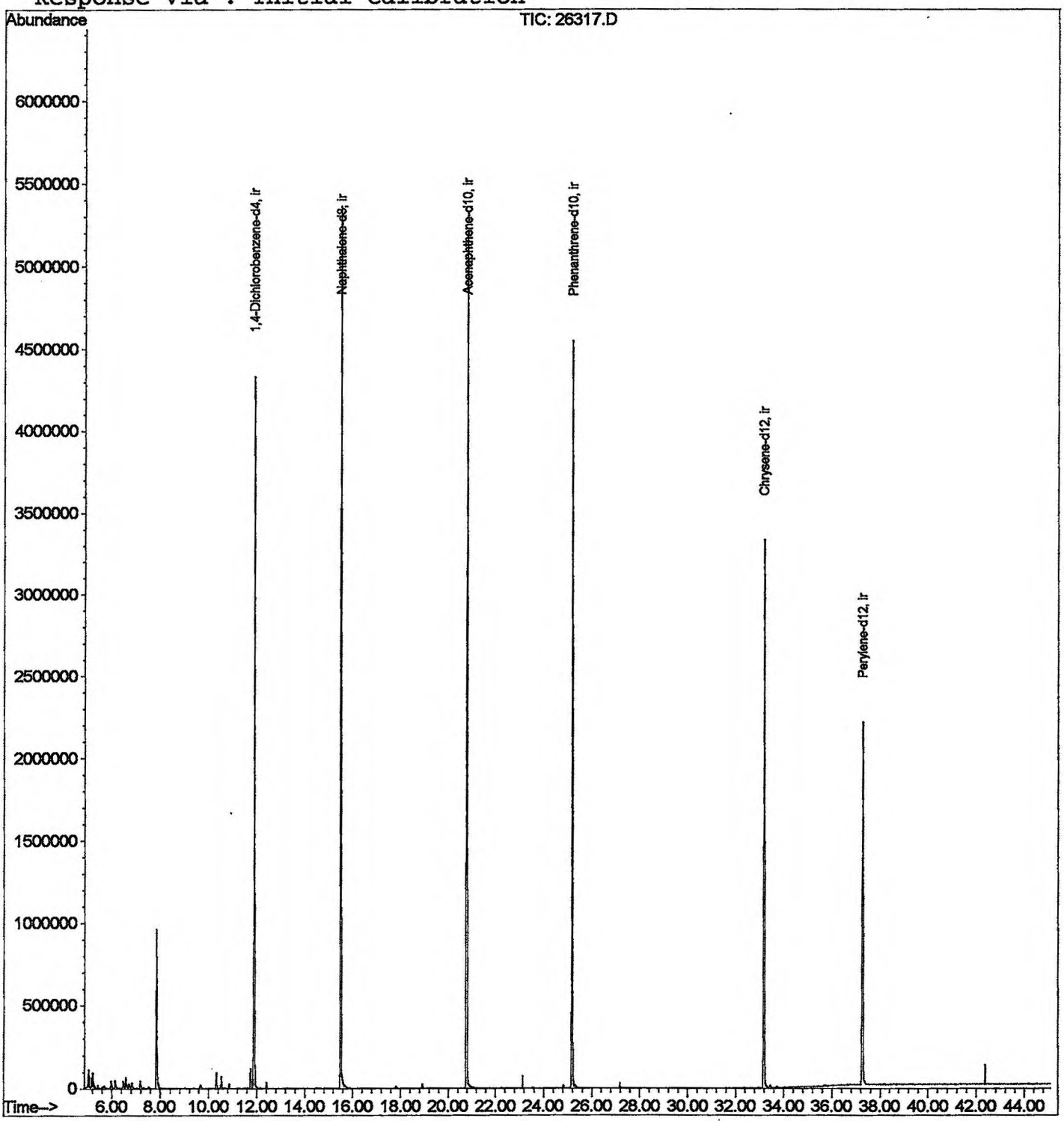
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26317.D
Acq On : 1 Dec 2001 1:51 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 3 15:25 2001

Vial: 16
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\26317.D Vial: 16
Acq On : 1 Dec 2001 1:51 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

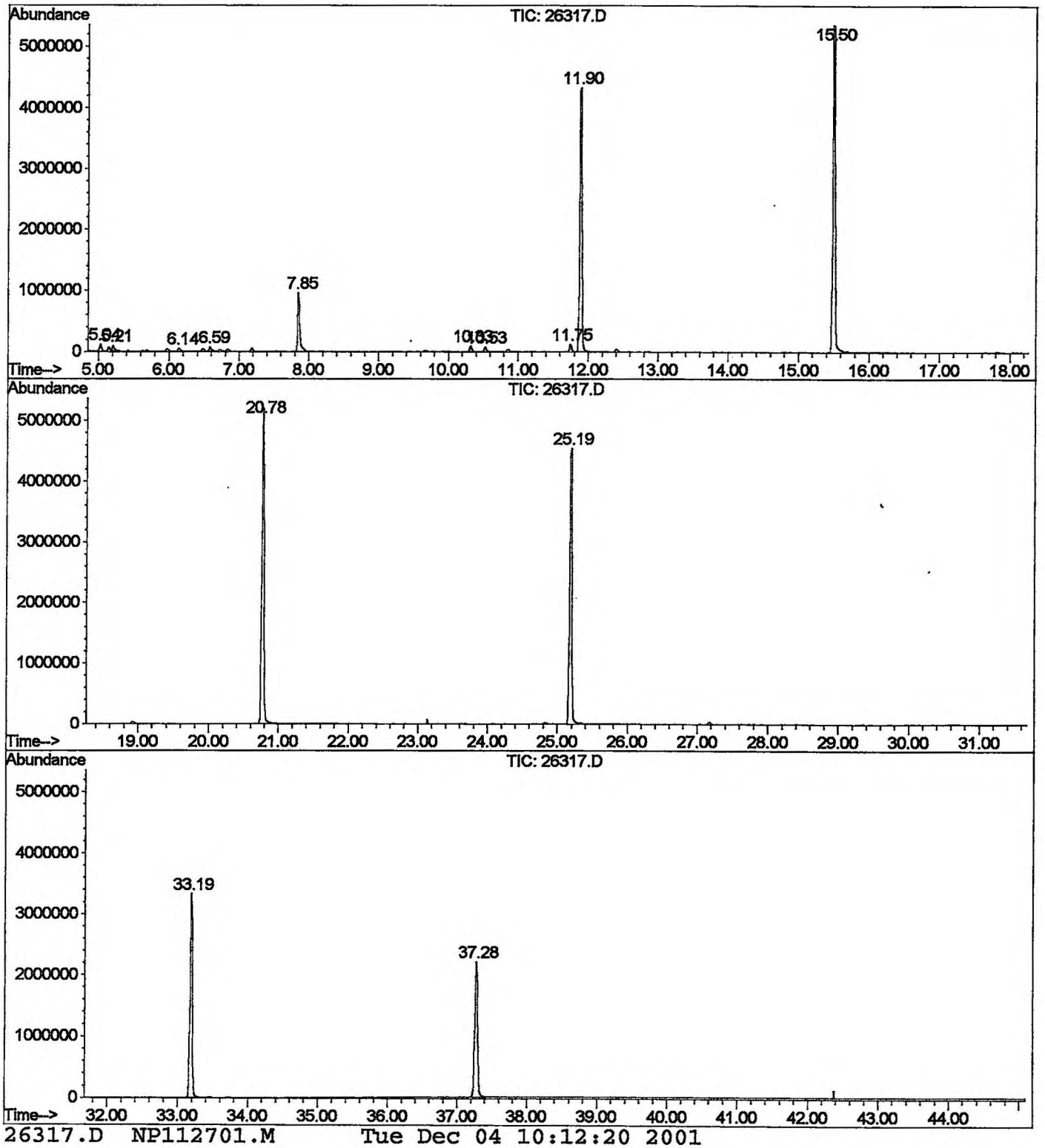
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.037	15	21	28	rVB	108794	215826	1.84%	0.368%
2	5.211	37	40	46	rVV	82973	137347	1.17%	0.234%
3	6.137	138	141	154	rBV	50527	122476	1.04%	0.209%
4	6.587	186	190	201	rVV	68480	148231	1.26%	0.253%
5	7.852	324	328	343	rBV	962451	1938732	16.54%	3.307%
6	10.328	593	598	606	rVB	94411	188927	1.61%	0.322%
7	10.530	615	620	629	rBV	73569	151954	1.30%	0.259%
8	11.749	749	753	760	rBV	121185	235870	2.01%	0.402%
9	11.896	763	769	791	rVB	4330379	9226597	78.70%	15.740%
10	15.500	1156	1162	1179	rBV	5361780	11724188	100.00%	20.001%
11	20.782	1731	1738	1753	rBV	5200955	11189169	95.44%	19.088%
12	25.193	2212	2219	2231	rBV2	4546224	10050301	85.72%	17.145%
13	33.189	3084	3091	3105	rBV2	3329306	7376896	62.92%	12.585%
14	37.279	3529	3537	3553	rBV2	2193241	5911740	50.42%	10.085%

Sum of corrected areas: 58618254

26317.D NP112701.M Tue Dec 04 10:12:19 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26317.D
Operator : GALOS
Acquired : 1 Dec 2001 1:51 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 16
Quant File :NP112701.RES (RTE Integrator)



26317.D NP112701.M Tue Dec 04 10:12:20 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26317.D Vial: 16
Acq On : 1 Dec 2001 1:51 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

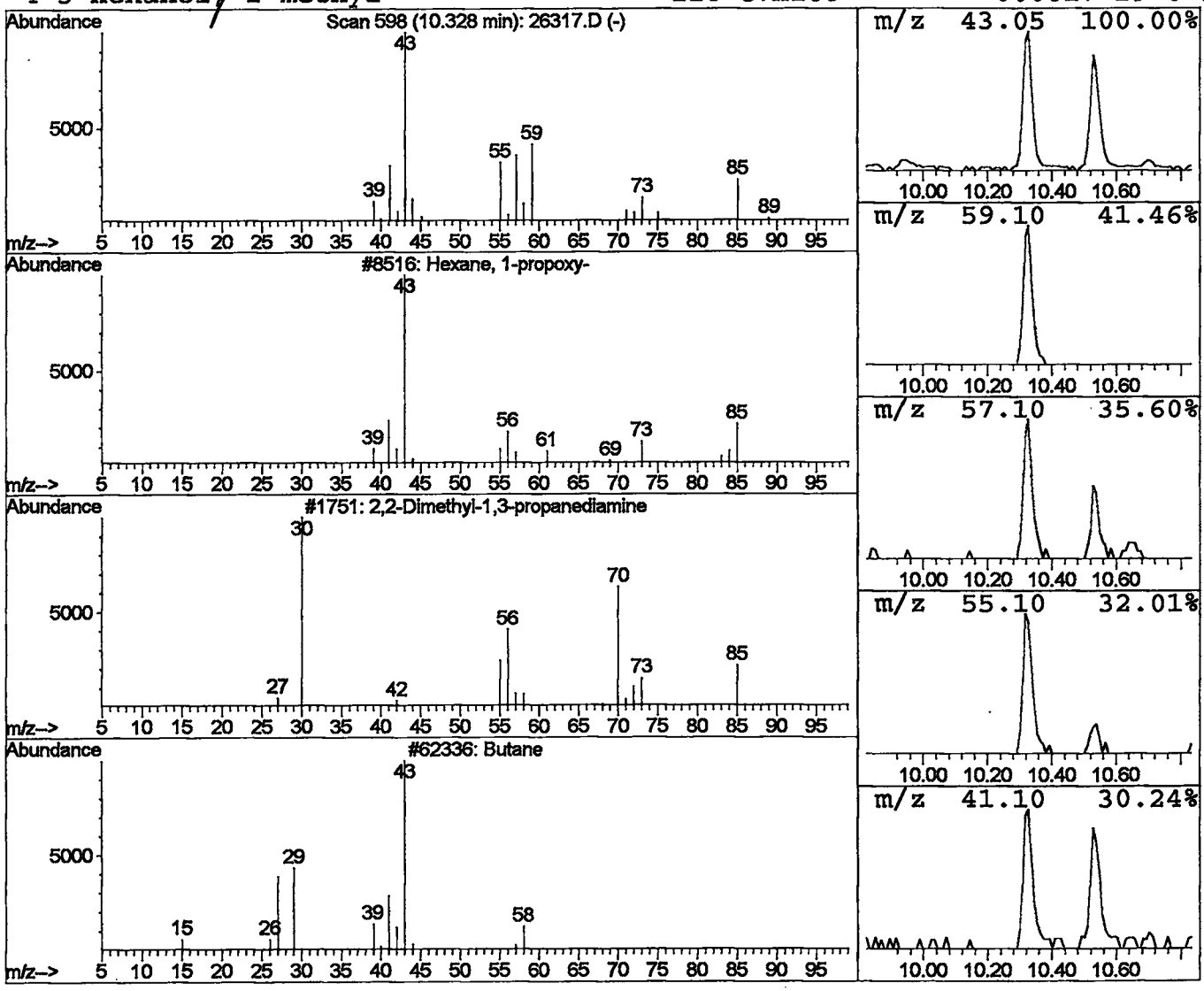
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane, 1-propoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	0.41 ng/uL	188927	1,4-Dichlorobenzene-d4	11.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	12
2	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	10
3	Butane	58	C4H10	000106-97-8	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26317.D Vial: 16
Acq On : 1 Dec 2001 1:51 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

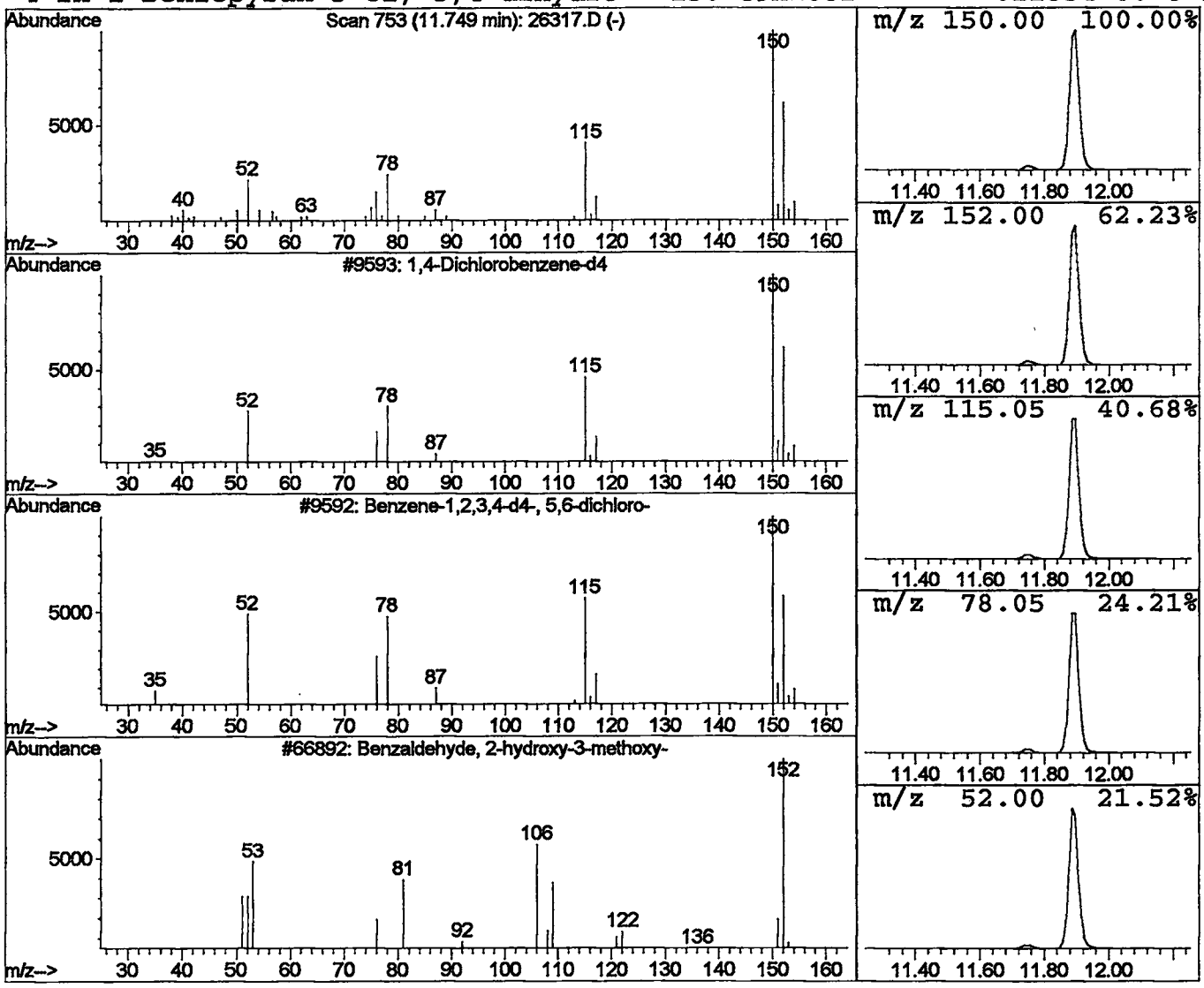
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	0.51 ng/uL	235870	1,4-Dichlorobenzene-d4	11.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	96
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	42
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4	2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 1:51 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26317.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-	5.04	0.5	ng/uL	215826	ISTD01	11.90	9226600	20.0
2-Pentanone, 4-hydro	7.85	4.2	ng/uL	1938730	ISTD01	11.90	9226600	20.0
Hexane, 1-propoxy-	10.33	0.4	ng/uL	188927	ISTD01	11.90	9226600	20.0
1,4-Dichlorobenzene-	11.75	0.5	ng/uL	235870	ISTD01	11.90	9226600	20.0

26317.D NP112701.M Tue Dec 04 10:12:24 2001