ample AD28862 - Analysis $GCMS

. of Labs & Research
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Time: 09:58:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28862.D Vial: 6
Acq On : 6 Dec 2001 6:13 pm Operator: 209 GALOS
Sample : 11/28 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 11 15:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	1141299	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	4346651	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	2157207	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.98	188	3153080	20.00	ug/l	-0.01
53) Chrysene-d12	33.01	240	2070760	20.00	ug/l	-0.02
59) Perylene-d12	37.11	264	1574947	20.00	ug/l	-0.01
System Monitoring Compounds						
52) 2,4-DDD	30.05	235	186188	4.96	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 99.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.14	74	330	N.D.		
4) Phenol	11.23	94	131	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.33	128	2015	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30)	2-Chloronaphthalene	0.00	162	0	N.D.	
31)	Dimethylphthalate	0.00	163	0	N.D.	
32)	2,6-Dinitrotoluene	0.00	165	0	N.D.	d
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.15	165	332	N.D.	
38)	Diethylphthalate	22.07	149	945	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	24.97	178	1352	N.D.	
49)	Anthracene	24.97	178	1352	N.D.	
50)	Di-n-butylphthalate	26.98	149	27373	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.49	149	193	N.D.	
56)	Benzo(a)anthracene	33.01	228	4900	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.29	149	10881	N.D.	
58)	Chrysene	33.01	228	4900	N.D.	
60)	Di-n-Octylphthalate	35.02	149	182	N.D.	
61)	Benzo(b)fluoranthene	36.06	252	1363	N.D.	
62)	Benzo(k)fluoranthene	36.14	252	742	N.D.	
63)	Benzo(a)pyrene	36.93	252	475	N.D.	
64)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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Quantitation Report

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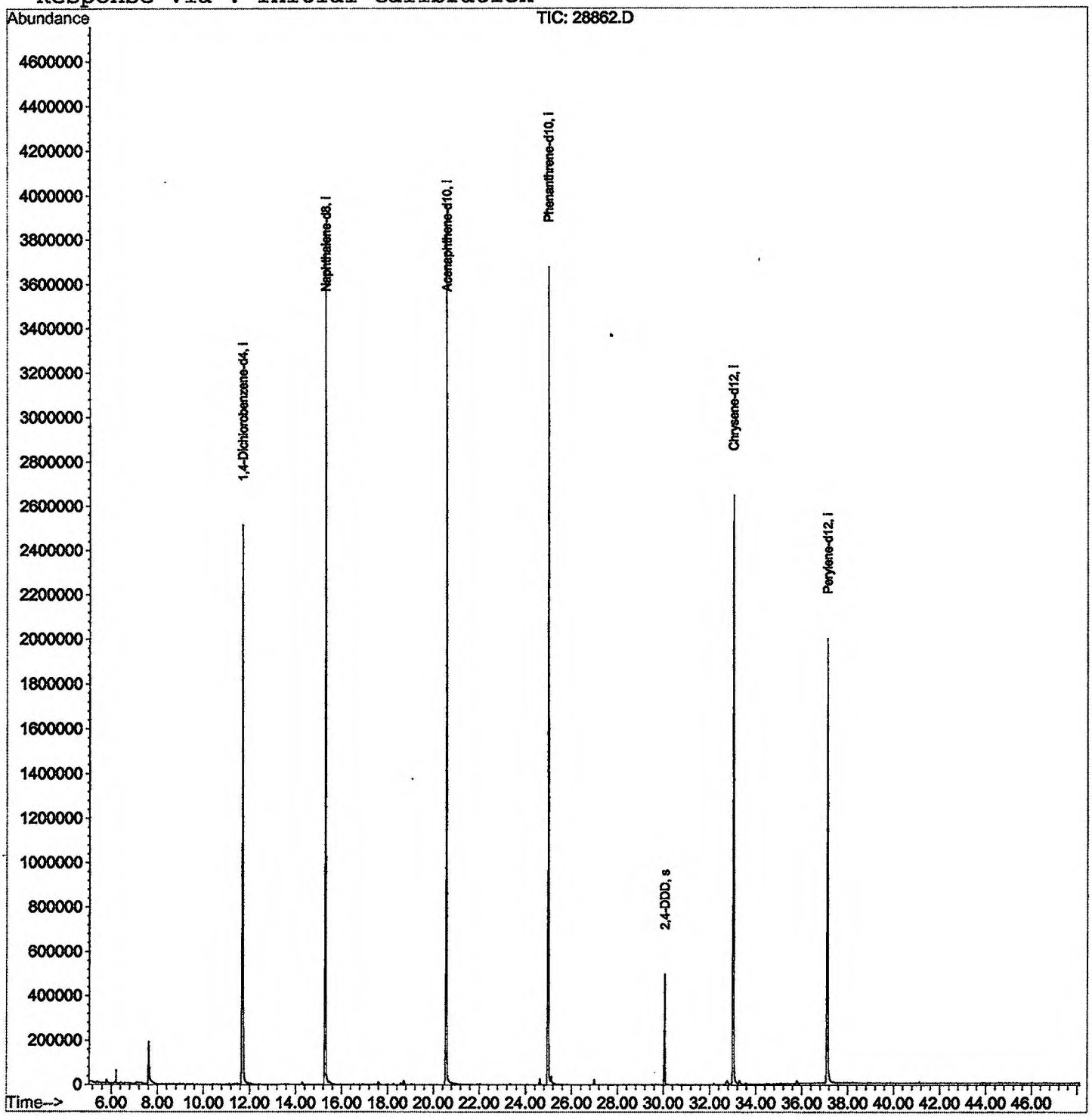
Acq On : 6 Dec 2001 6:13 pm
Sample : 11/28 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 15:48 2001

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28862.D Vial: 6
Acq On : 6 Dec 2001 6:13 pm Operator: 209 GALOS
Sample : 11/28 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

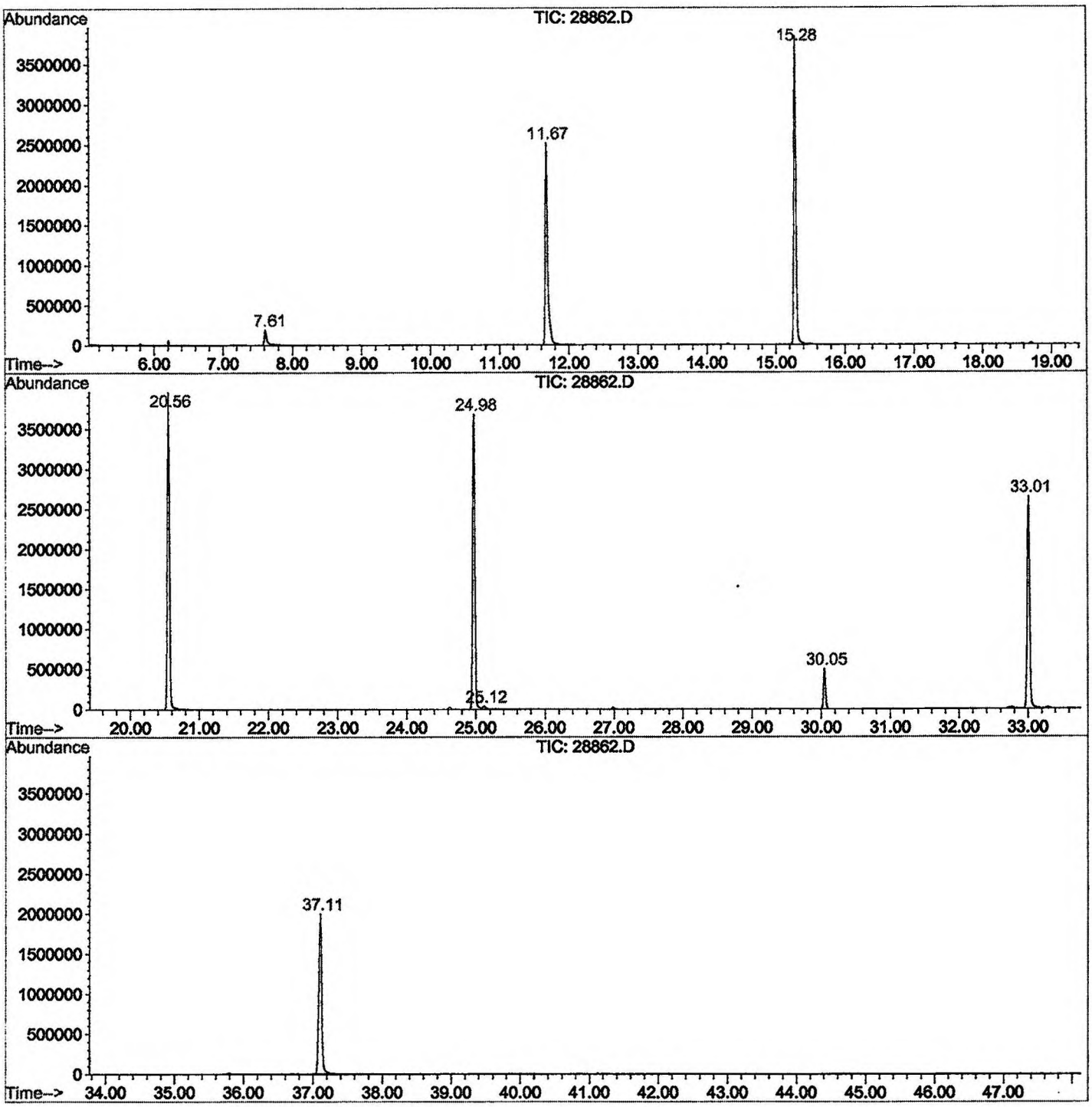
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	296	rBV	189335	492539	5.69%	1.092%
2	11.670	717	722	742	rBV	2513589	6206673	71.76%	13.766%
3	15.278	1109	1115	1132	rBV	3840231	8116196	93.83%	18.001%
4	20.556	1683	1690	1707	rBV	3961170	8649678	100.00%	19.184%
5	24.981	2165	2172	2183	rBV2	3678821	8275579	95.67%	18.355%
6	25.119	2183	2187	2197	rVB	33083	100578	1.16%	0.223%
7	30.049	2719	2724	2735	rVB	498056	998261	11.54%	2.214%
8	33.014	3039	3047	3067	rBV2	2646374	6474806	74.86%	14.361%
9	37.108	3484	3493	3513	rBV2	1992096	5772863	66.74%	12.804%

Sum of corrected areas: 45087173

28862.D GCMS1126.M Tue Dec 11 16:04:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28862.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 6:13 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/28 gc/ms scan
Misc Info :
Vial Number: 6
Quant File :GCMS1126.RES (RTE Integrator)



28862.D GCMS1126.M Tue Dec 11 16:04:21 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28862.D
Acq On : 6 Dec 2001 6:13 pm
Sample : 11/28 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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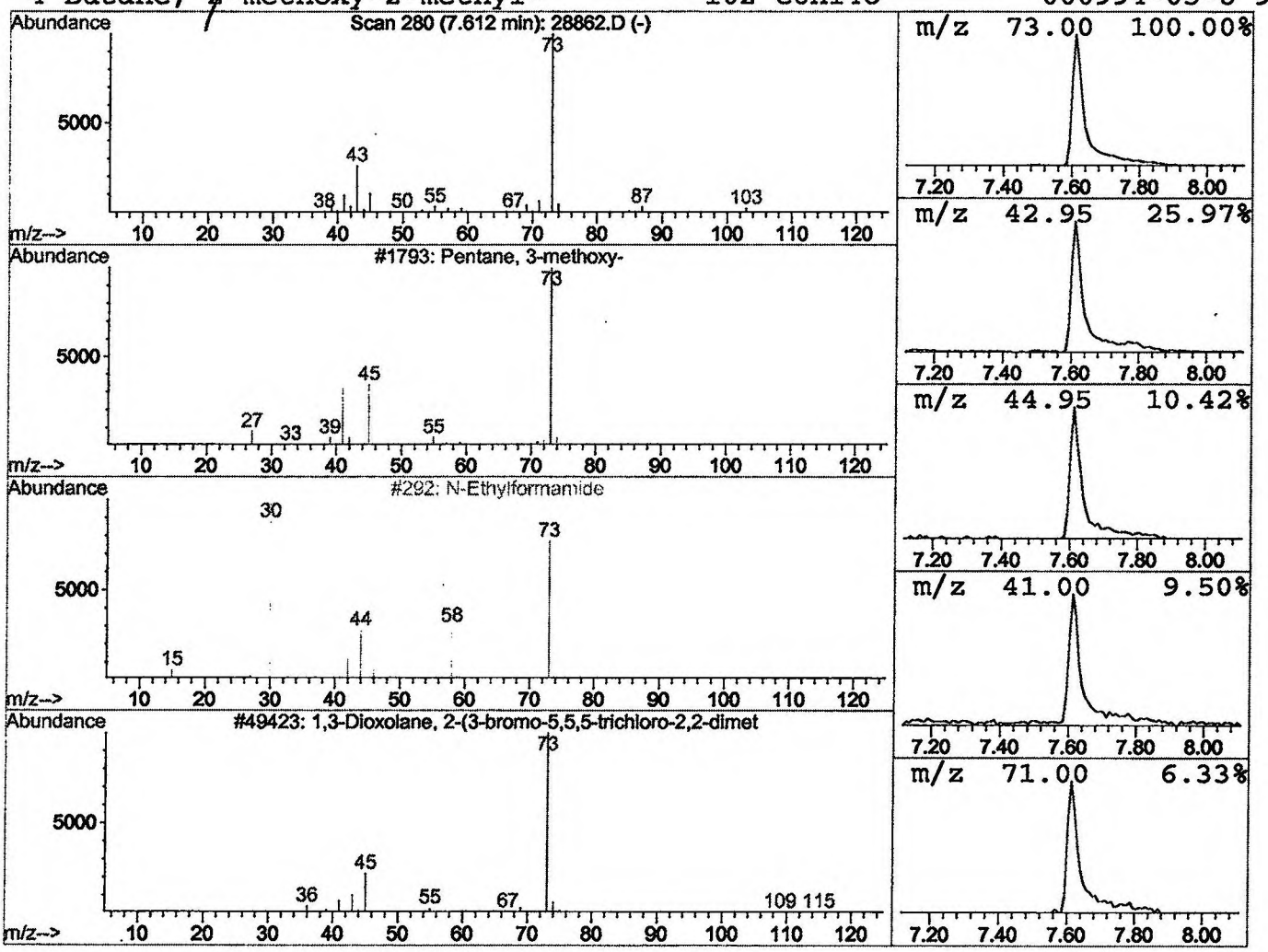
Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	1.59 ug/l	492539	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 6:13 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\28862.D
Name: 11/28 gc/ms scan
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Pentane, 3-methoxy-	7.61	1.6	ug/l	492539	ISTD01	11.67	6206670	20.0

28862.D GCMS1126.M Tue Dec 11 16:04:30 2001