User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 15:35:12

Sample: AD31249
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:34 Ended: 2/11/02 15:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		5.0

Comments for Sample AD31249 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 15:35:17

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\JAN0902\31249.D Vial: 15
Acq On : 11 Jan 2002 5:14 am Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:44 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	611191	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2401692	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1229506	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	1735012	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1042857	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	623083	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	96608	4.85	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.18	128	792	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.69	165	294	N.D.		
25) Diethylphthalate	21.92	149	976	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Acq On : 11 Jan 2002 5:14 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:44 2002

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.88	178	301	N.D.	
34) Anthracene	24.88	178	301	N.D.	
35) Di-n-butylphthalate	26.83	149	3269	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	32.84	228	2572	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.14	149	1347	N.D.	
43) Chrysene	32.84	228	2572	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	36.91	252	2417	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

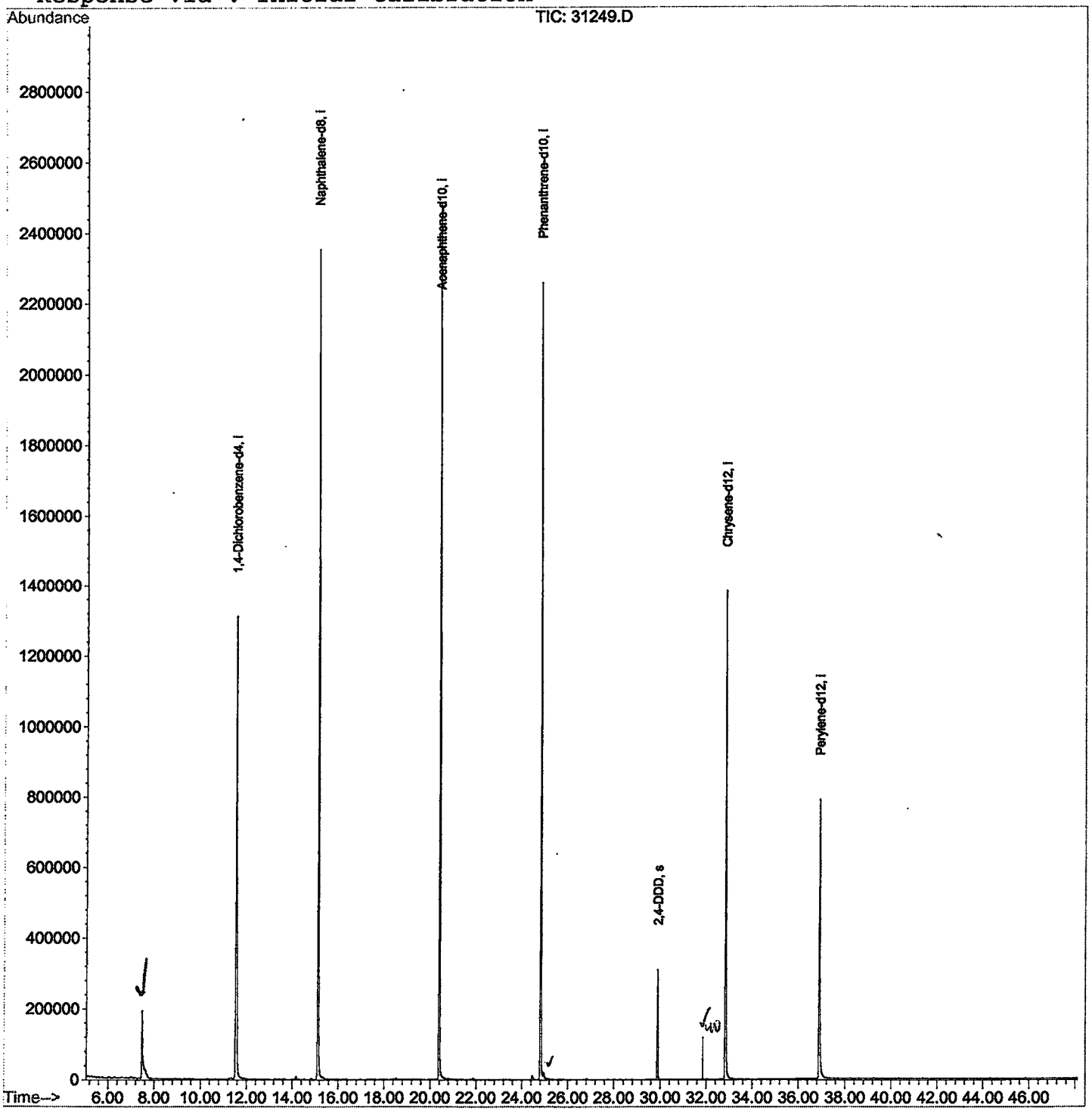
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Acq On : 11 Jan 2002 5:14 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:44 2002

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D Vial: 15
Acq On : 11 Jan 2002 5:14 am Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

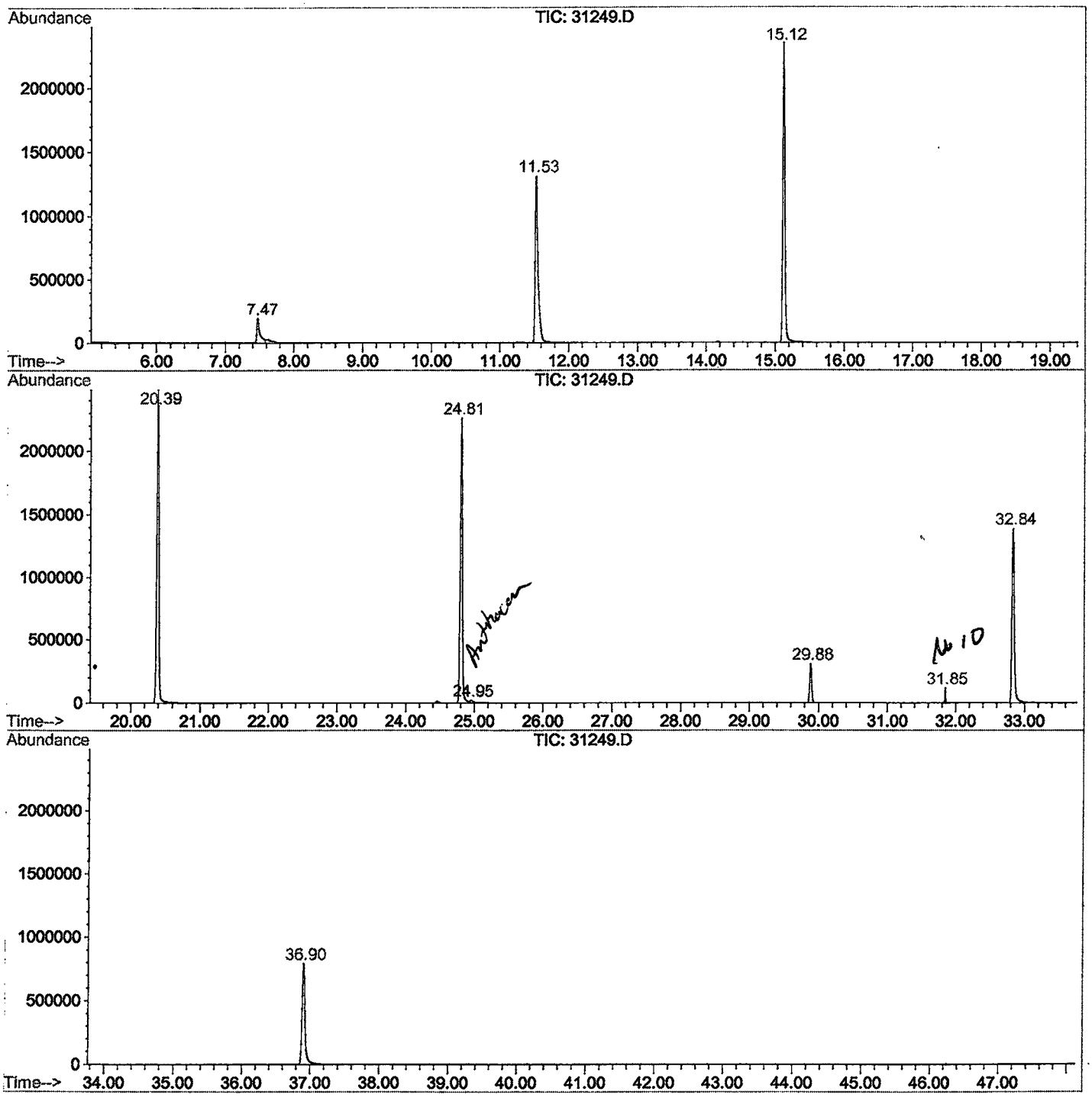
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.474	261	265	277	rBV	190362	594841	11.53%	2.308%
2	11.531	702	707	724	rBV	1310212	3829930	74.23%	14.857%
3	15.121	1093	1098	1116	rBV	2352652	4919360	95.34%	19.084%
4	20.390	1666	1672	1694	rBV	2486280	5159848	100.00%	20.017%
5	24.806	2147	2153	2165	rBV2	2258862	4870281	94.39%	18.893%
6	24.953	2165	2169	2179	rVB	17228	56875	1.10%	0.221%
7	29.883	2701	2706	2712	rBV	309654	601862	11.66%	2.335%
8	31.847	2919	2920	2922	rBV	116820	65657	1.27%	0.255%
9	32.839	3021	3028	3053	rBV2	1384196	3370387	65.32%	13.075%
10	36.897	3463	3470	3492	rBV2	788642	2308913	44.75%	8.957%

Sum of corrected areas: 25777954

31249.D GCMS0103.M Tue Feb 05 16:47:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Operator : 209 GALOS
Acquired : 11 Jan 2002 5:14 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 15
Quant File :GCMS0103.RES (RTE Integrator)



31249.D GCMS0103.M Tue Feb 05 16:47:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Acq On : 11 Jan 2002 5:14 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

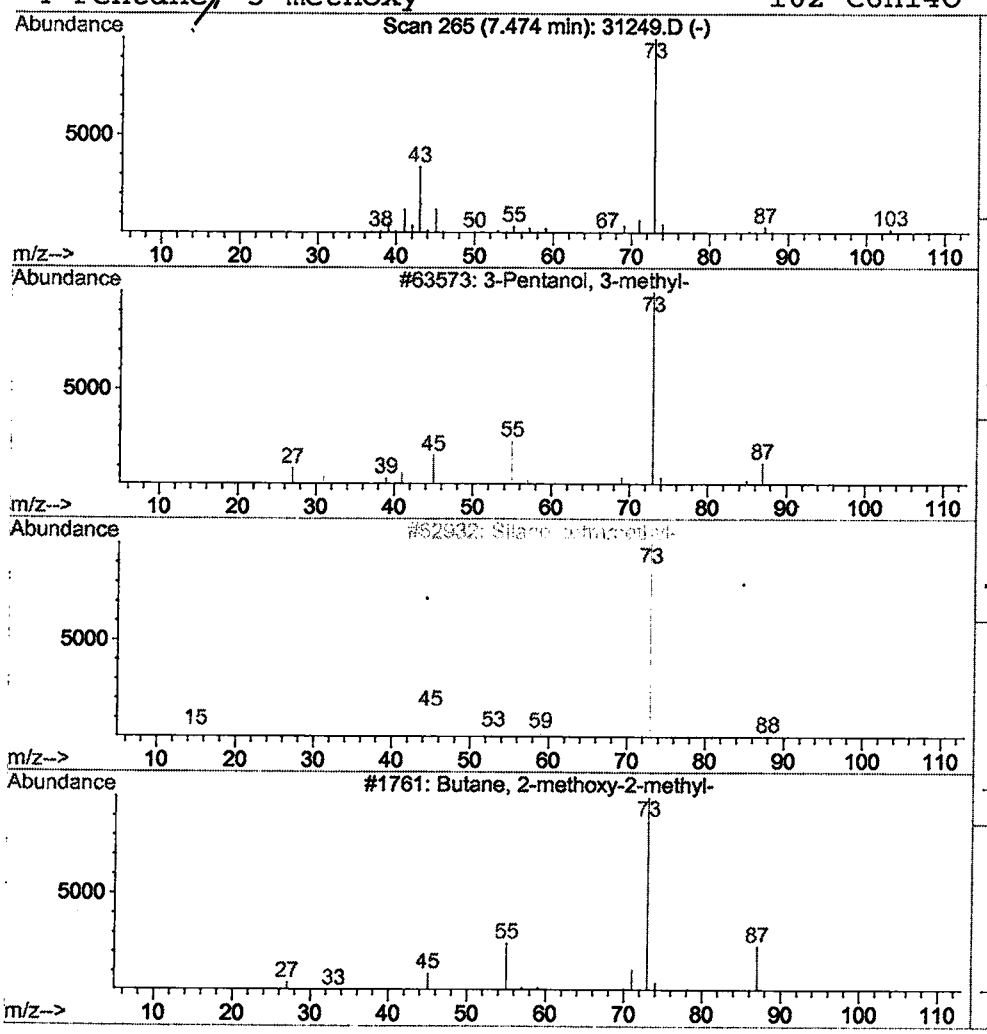
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

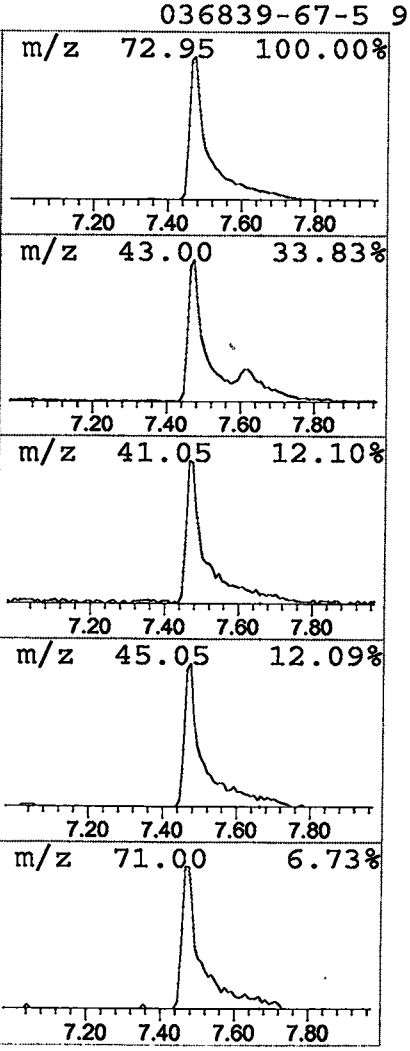
****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.11 ug/l	594841	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Acq On : 11 Jan 2002 5:14 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

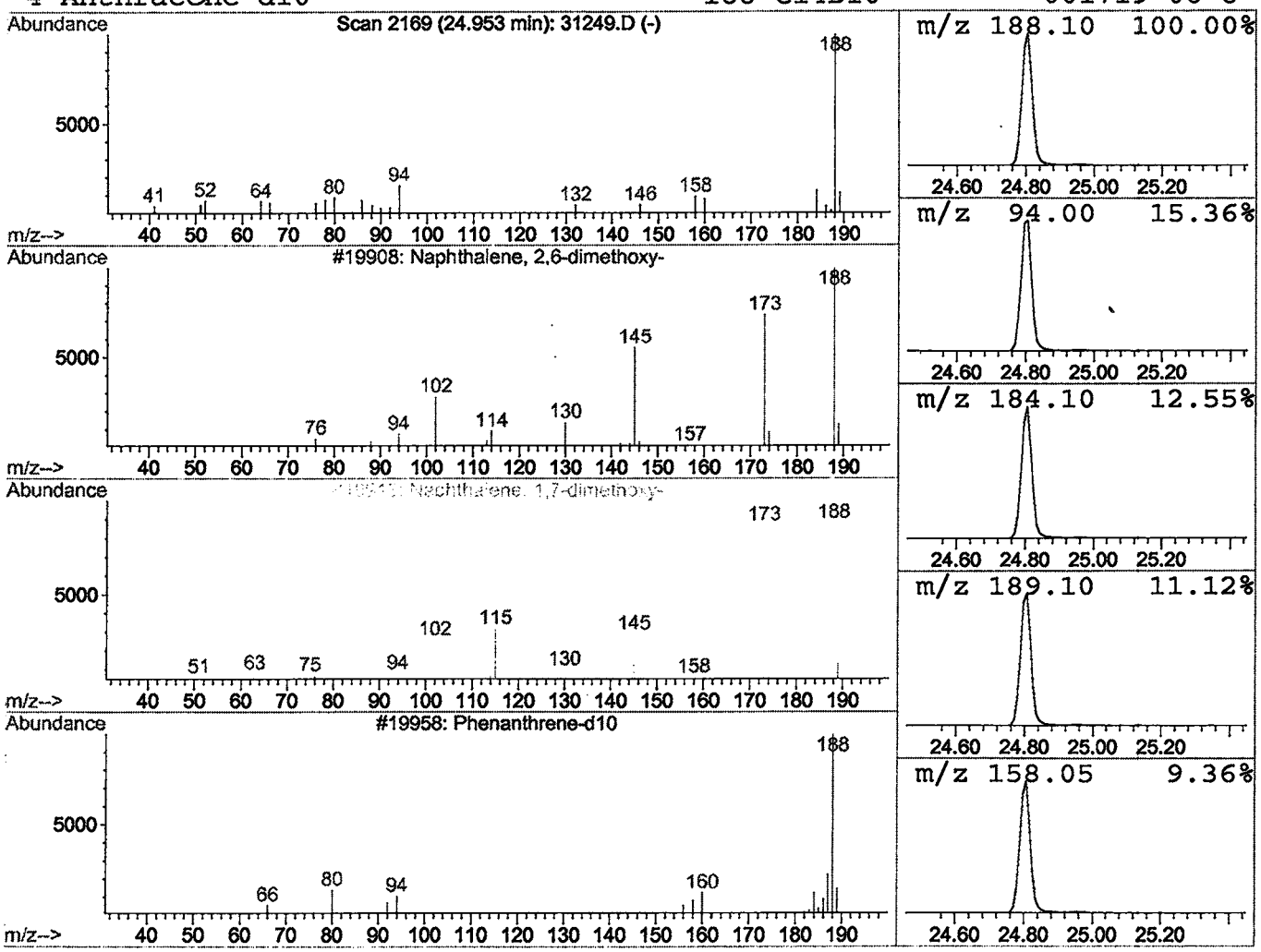
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Naphthalene, 2,6-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	0.23 ug/l	56875	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	53
2	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	53
3	Phenanthrene-d10	188	C14D10	001517-22-2	45
4	Anthracene-d10-	188	C14D10	001719-06-8	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31249.D
Acq On : 11 Jan 2002 5:14 am
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

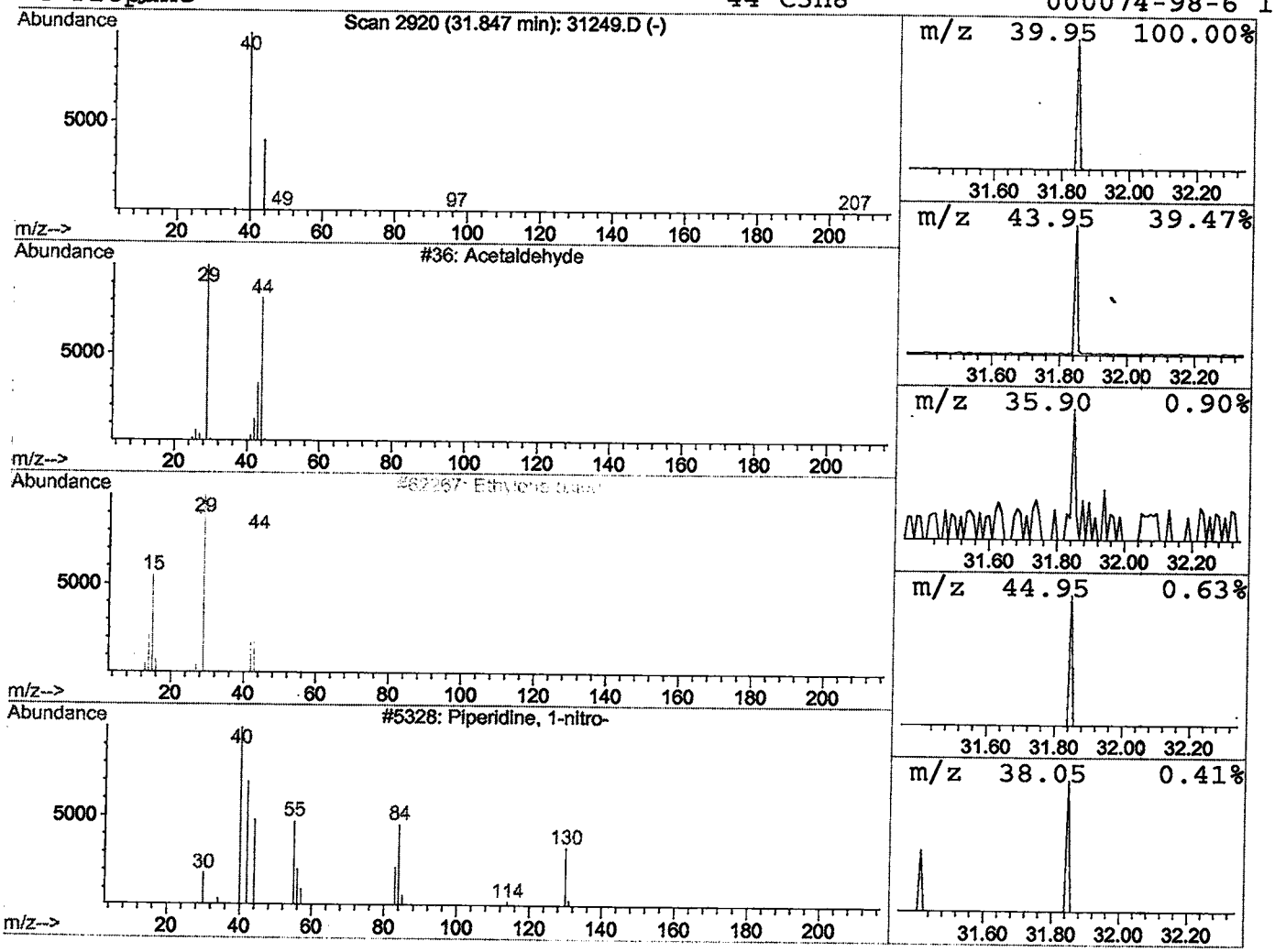
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Acetaldehyde — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.85	0.39 ug/l	65657	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	3
2	Ethylene oxide	44	C2H4O	000075-21-8	2
3	Piperidine, 1-nitro-	130	C5H10N2O2	007119-94-0	2
4	Propane	44	C3H8	000074-98-6	1



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Jan 2002 5:14 am
Data File: C:\HPCHEM\1\DATA\JAN0902\31249.D
Name: gcms scan 12/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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
3-Pentanol, 3-methyl	7.47	3.1	ug/l	594841	ISTD01	11.53	3829930	20.0
Naphthalene, 2,6-dim	24.95	0.2	ug/l	56875	ISTD04	24.81	4870280	20.0
Acetaldehyde	31.85	0.4	ug/l	65657	ISTD05	32.84	3370390	20.0

31249.D GCMS0103.M Tue Feb 05 16:48:11 2002