User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:18:52

Sample: AD29465
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:18 Ended: 1/22/02 10:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AD29465 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:19:05

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (~~Not~~ Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29465.D Vial: 28
Acq On : 4 Jan 2002 12:49 pm Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 13:38 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	607184	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	2357301	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1179148	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	1642155	20.00	ug/l	-0.18
38) Chrysene-d12	32.83	240	959958	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	559845	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	82355	4.56	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 91.20%			
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	15.20	128	811	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	21.92	149	801	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29465.D Vial: 28
Acq On : 4 Jan 2002 12:49 pm Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 13:38 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

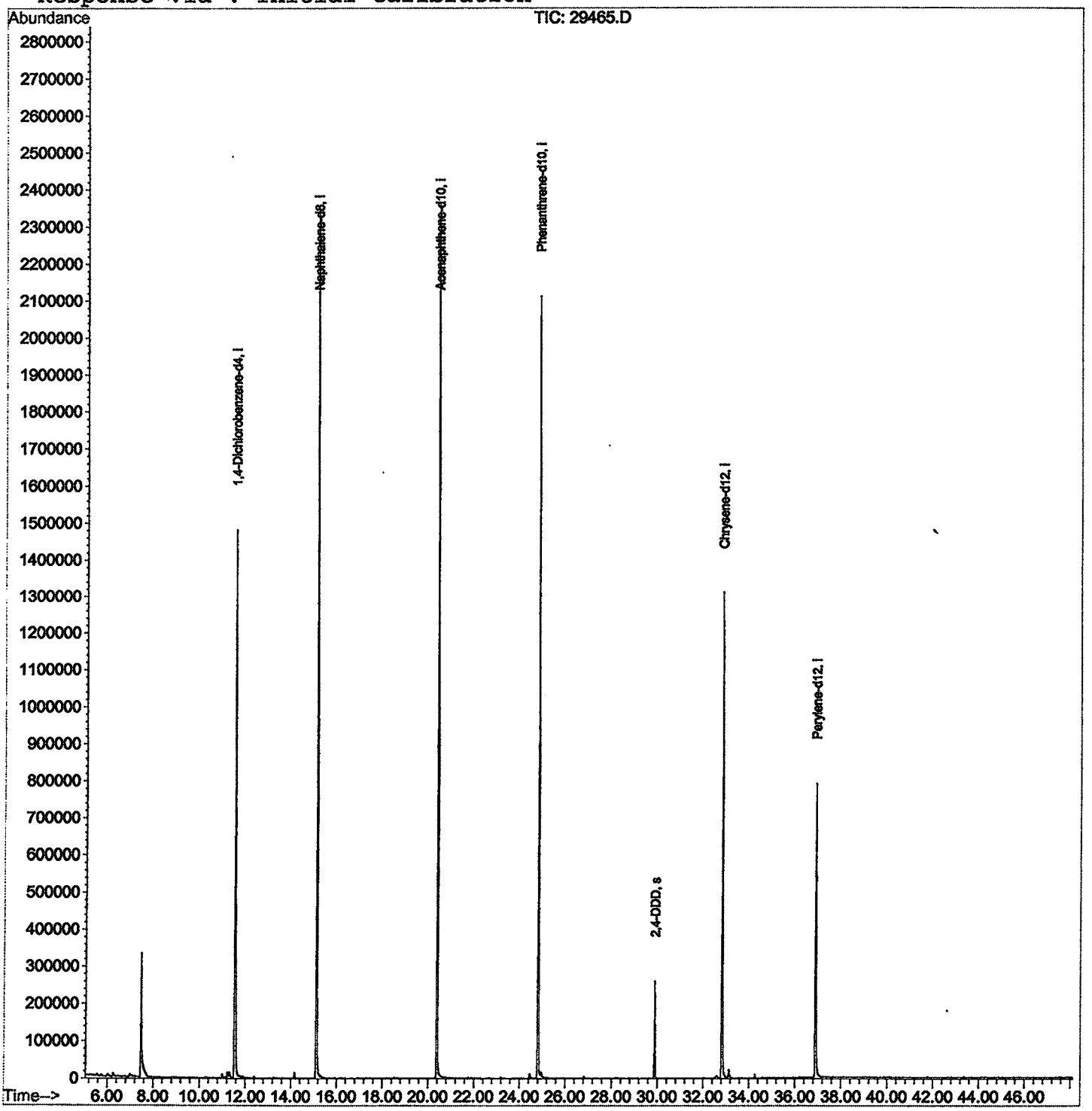
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.88	178	110	N.D.	
34)	Anthracene	24.88	178	110	N.D.	
35)	Di-n-butylphthalate	26.84	149	6417	N.D.	
36)	Fluoranthene	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	32.83	228	2458	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	13411	N.D.	
43)	Chrysene	32.83	228	2458	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	36.89	252	2396	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\JAN0302\29465.D Vial: 28
Acq On : 4 Jan 2002 12:49 pm Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 13:38 2002 Quant Results File: GCMS1126.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\JAN0302\29465.D Vial: 28
Acq On : 4 Jan 2002 12:49 pm Operator: 209 GALOS
Sample : gcms scan 1/2 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

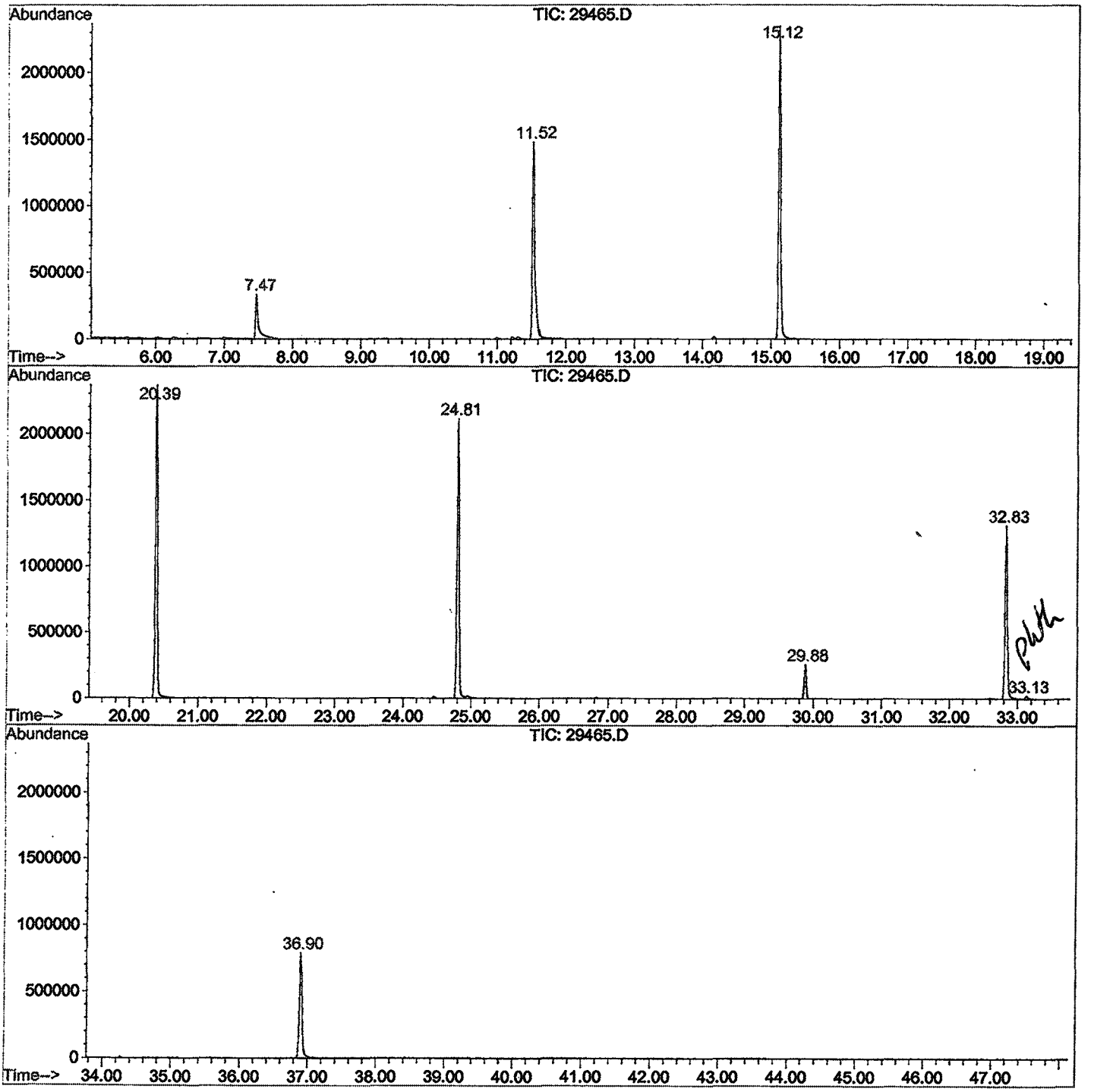
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.465	260	264	286	rBV	331778	929528	18.68%	3.729%
2	11.523	701	706	726	rBV	1480807	3836714	77.10%	15.391%
3	15.122	1092	1098	1117	rBV	2346151	4825573	96.97%	19.358%
4	20.391	1666	1672	1692	rBV	2364660	4976598	100.00%	19.963%
5	24.807	2146	2153	2166	rBV2	2112632	4612279	92.68%	18.502%
6	29.884	2701	2706	2711	rBV	258931	504501	10.14%	2.024%
7	32.831	3021	3027	3051	rBV2	1310720	3092772	62.15%	12.407%
8	33.134	3055	3060	3072	rVB	23046	63644	1.28%	0.255%
9	36.897	3463	3470	3492	rBV	788907	2086877	41.93%	8.371%

Sum of corrected areas: 24928486

29465.D GCMS0103.M Fri Jan 11 08:32:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29465.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 12:49 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 28
Quant File :GCMS1126.RES (RTE Integrator)



29465.D GCMS0103.M Fri Jan 11 08:32:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29465.D
Acq On : 4 Jan 2002 12:49 pm
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

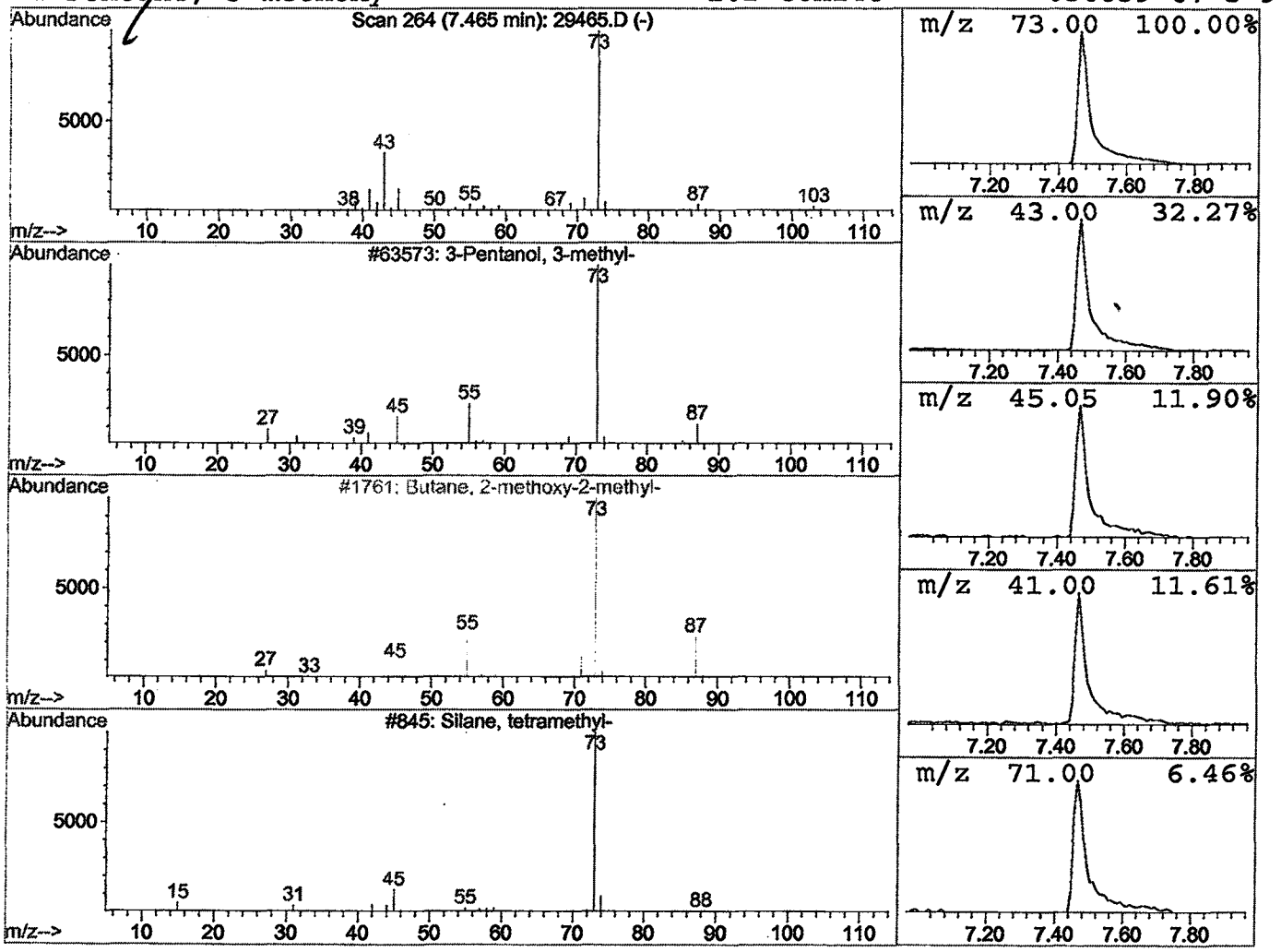
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	4.85 ug/l	929528	1,4-Dichlorobenzene-d4	11.52

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29465.D
Acq On : 4 Jan 2002 12:49 pm
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

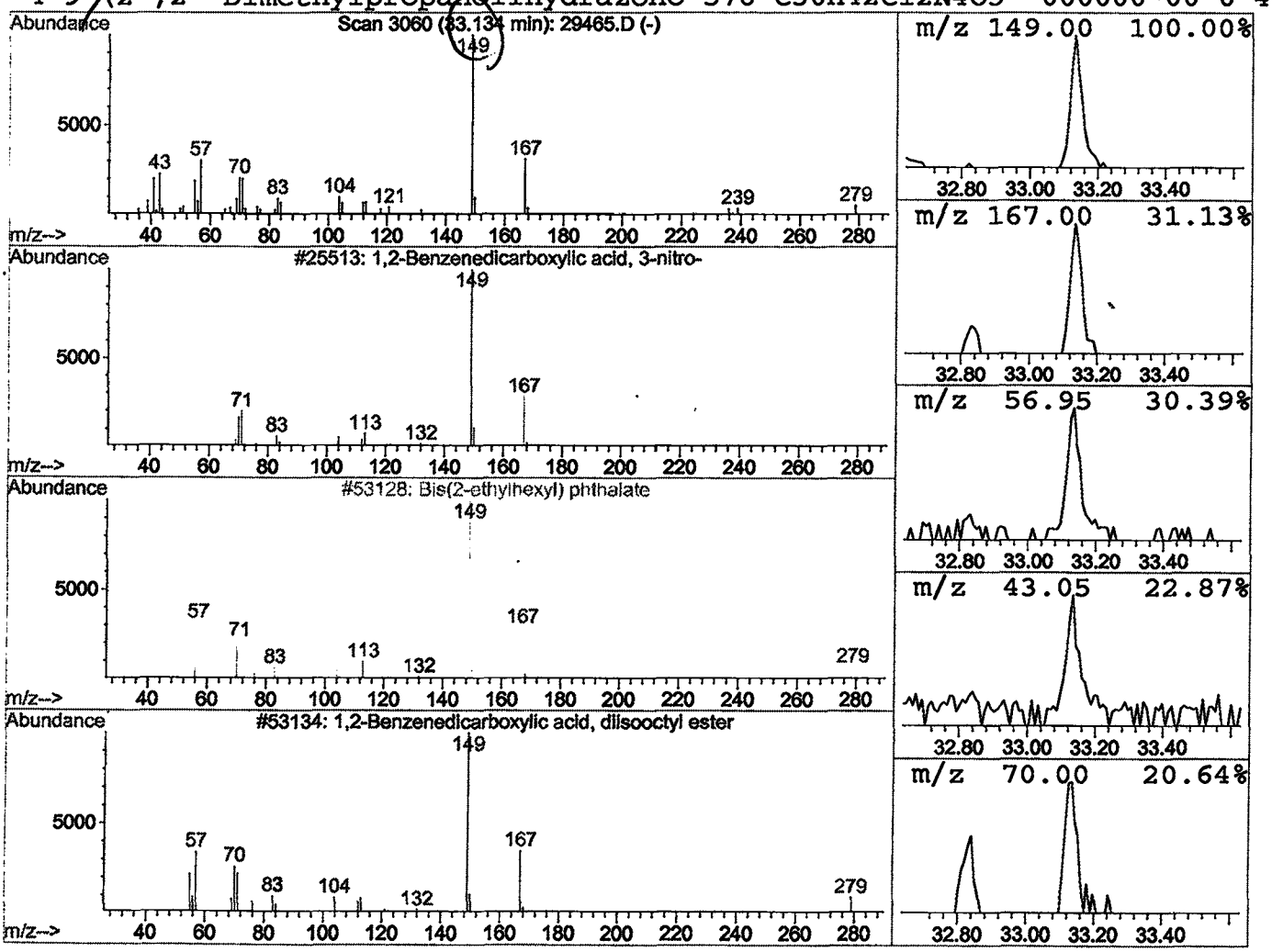
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,2-Benzenedicarboxylic acid, Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.13	0.41 ug/l	63644	Chrysene-d12	32.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	86
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
3	1,2-Benzenedicarboxylic acid, diiso	390	C24H38O4	027554-26-3	52
4	9-(2',2'-Dimethylpropanoilhydrazono	576	C30H42Cl2N4O3	000000-00-0	45



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 12:49 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\29465.D
Name: gcms scan 1/2
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
3-Pentanol, 3-methyl	7.47	4.8	ug/l	929528	ISTD01	11.52	3836710	20.0
1,2-Benzenedicarboxy	33.13	0.4	ug/l	63644	ISTD05	32.83	3092770	20.0

29465.D GCMS0103.M Fri Jan 11 08:32:41 2002