User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:31:29

Sample: AD29187
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 14:28 Ended: 1/4/02 14:28 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD29187 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:30:44

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for the Surrogate Standard in this sample was 49%. This sample will be re-extracted and re-analyzed. The pH of this sample when received was less than 2. Re-analysis was performed with a Surrogate Standard recovery of 82%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29187.D Vial: 19
Acq On : 15 Dec 2001 8:05 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 20:54 2001 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 14 12:19:30 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	995606	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3793982	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1903596	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2775201	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1716949	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	909462	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	164007	4.08	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 81.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.29	74	185	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	13.07	77	302	N.D.		
12) Isophorone	14.07	82	117	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	15.33	128	1890	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	20.11	152	202	N.D.		
23) Acenaphthene	20.64	153	471	N.D.		
24) 2,4-Dinitrotoluene	21.15	165	291	N.D.		
25) Diethylphthalate	22.08	149	1427	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.18	166	308	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

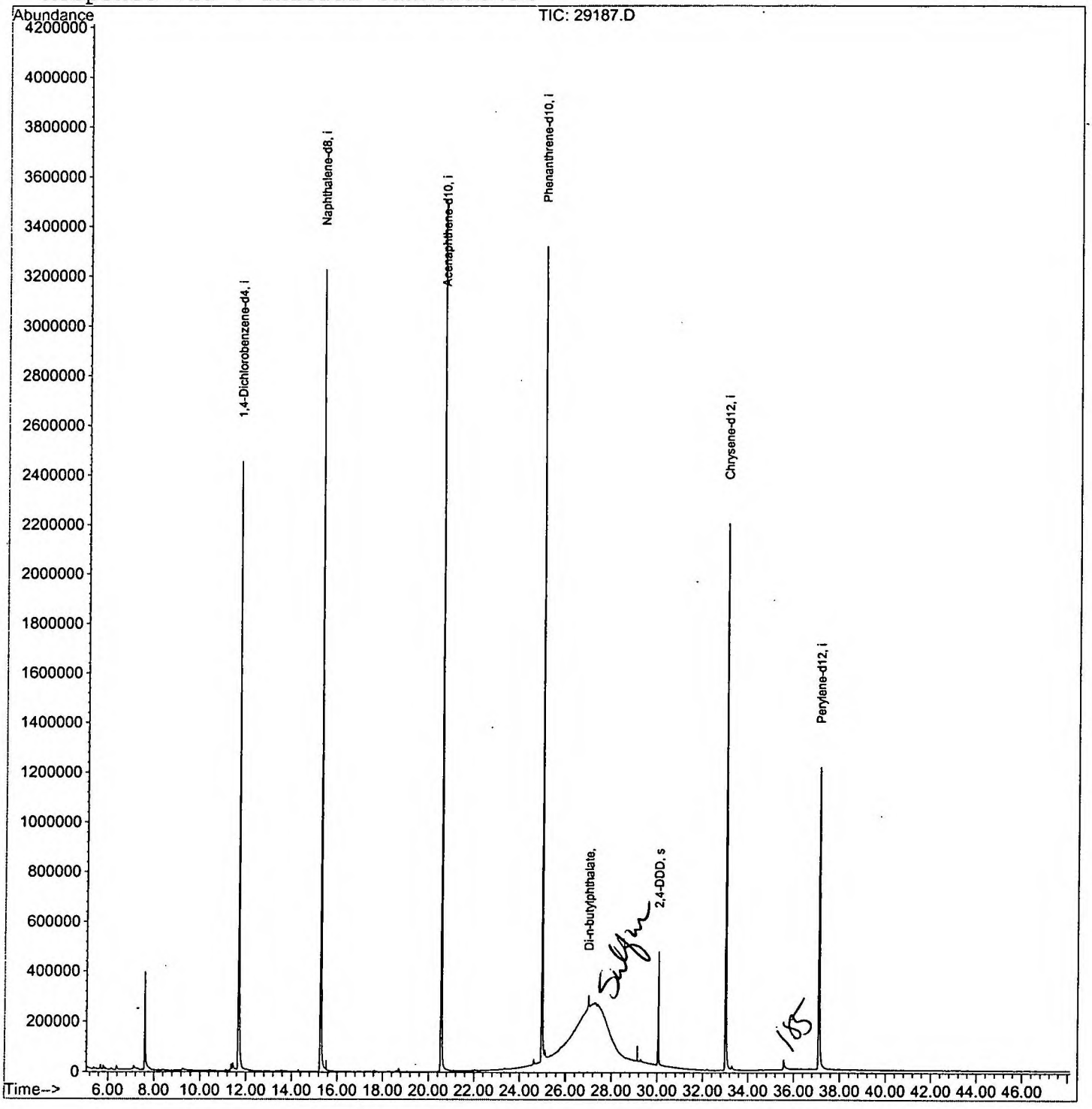
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.04	178	1741	N.D.	
34) Anthracene	25.18	178	844	N.D.	
35) Di-n-butylphthalate	26.99	149	59643	0.30 ug/l #	97
36) Fluoranthene	28.68	202	1036	N.D.	
39) Pyrene	29.34	202	1150	N.D.	
40) Butylbenzylphthalate	31.50	149	306	N.D.	
41) Benzo(a)anthracene	33.00	228	6238	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	13850	N.D.	
43) Chrysene	33.00	228	6238	N.D.	
45) Di-n-Octylphthalate	35.04	149	426	N.D.	
46) Benzo(b)fluoranthene	36.08	252	237	N.D.	
47) Benzo(k)fluoranthene	36.11	252	898	N.D.	
48) Benzo(a)pyrene	36.94	252	106	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\DEC1401\29187.D Vial: 19
Acq On : 15 Dec 2001 8:05 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 20:54 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29187.D Vial: 19
Acq On : 15 Dec 2001 8:05 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a 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

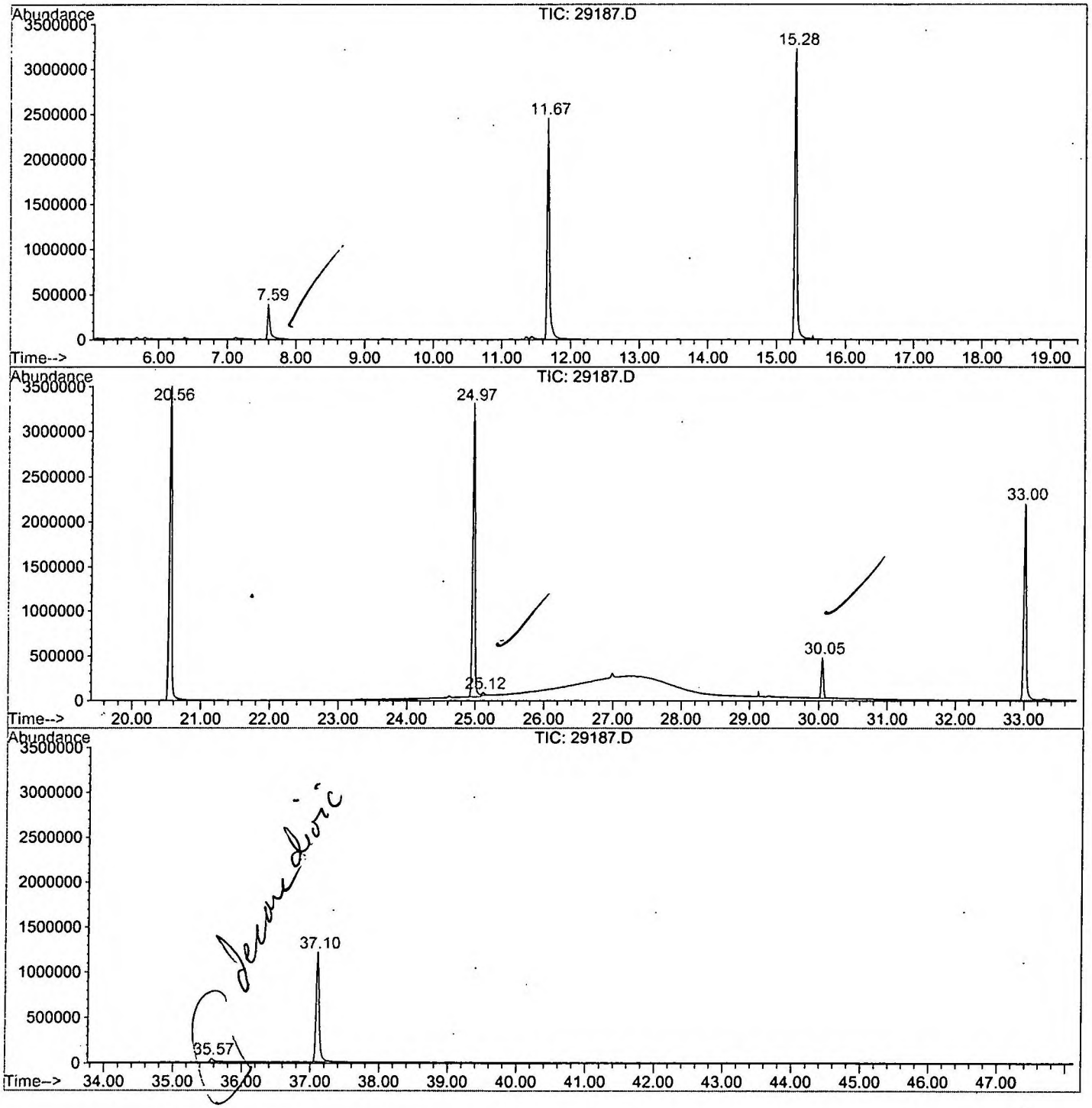
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	300	rBV	389707	974953	12.29%	2.450%
2	11.670	717	722	746	rBV	2447380	5718700	72.07%	14.373%
3	15.278	1109	1115	1134	rBV	3224692	7295834	91.95%	18.337%
4	20.556	1683	1690	1709	rBV	3506769	7934812	100.00%	19.943%
5	24.972	2165	2171	2183	rBV2	3277452	7482493	94.30%	18.806%
6	25.119	2184	2187	2193	rVB	30014	80485	1.01%	0.202%
7	30.049	2719	2724	2735	rVB	450663	953964	12.02%	2.398%
8	33.005	3040	3046	3069	rBV2	2196979	5438214	68.54%	13.668%
9	35.566	3320	3325	3334	rBV	41220	153258	1.93%	0.385%
10	37.099	3484	3492	3519	rBV2	1208549	3754584	47.32%	9.437%

Sum of corrected areas: 39787297

29187.D GCMS1126.M Fri Dec 28 13:07:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29187.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 8:05 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10 a
Misc Info :
Vial Number: 19
Quant File :GCMS1126.RES (RTE Integrator)



29187.D GCMS1126.M Fri Dec 28 13:07:19 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29187.D
Acq On : 15 Dec 2001 8:05 pm
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

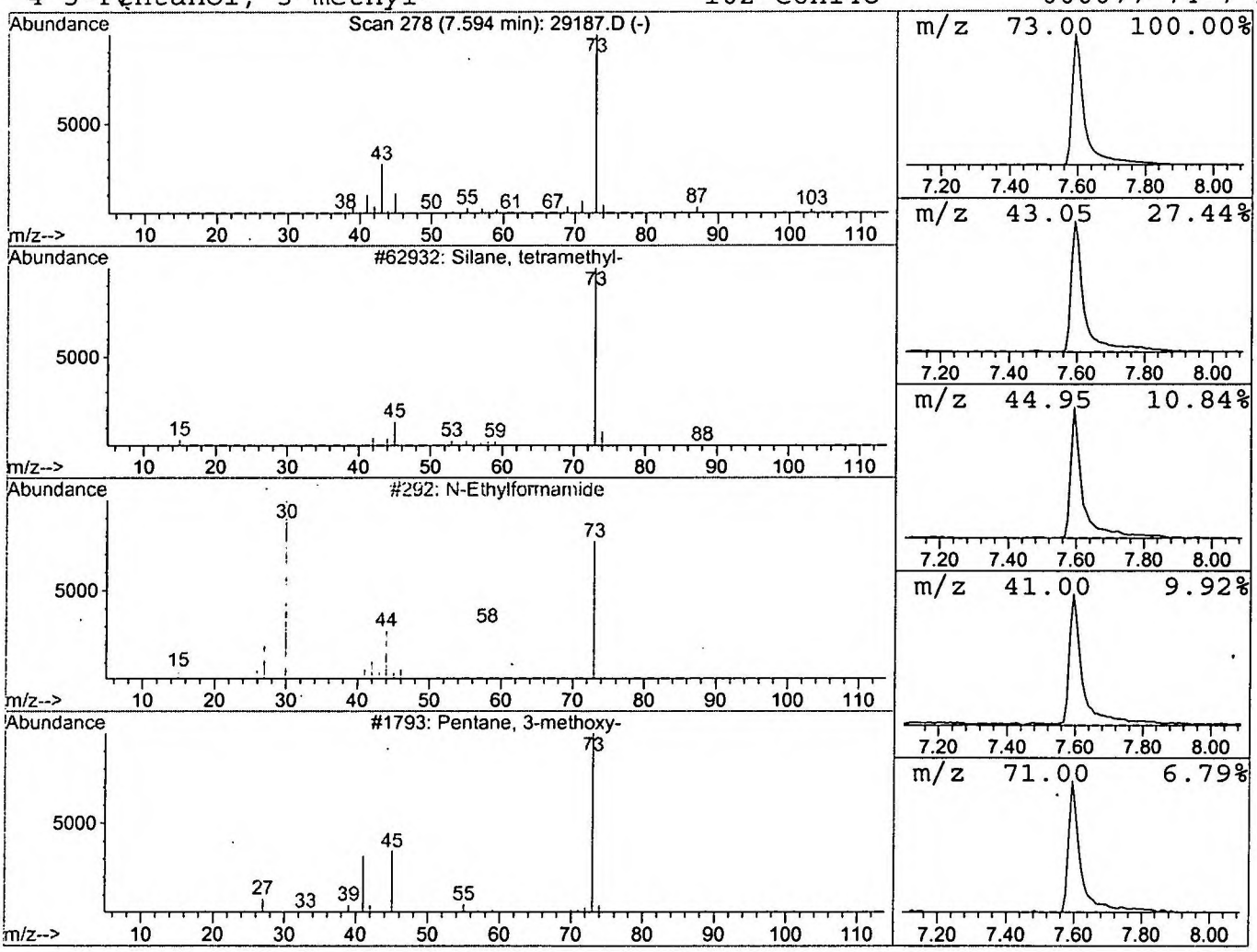
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.41 ug/l	974953	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29187.D
Acq On : 15 Dec 2001 8:05 pm
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

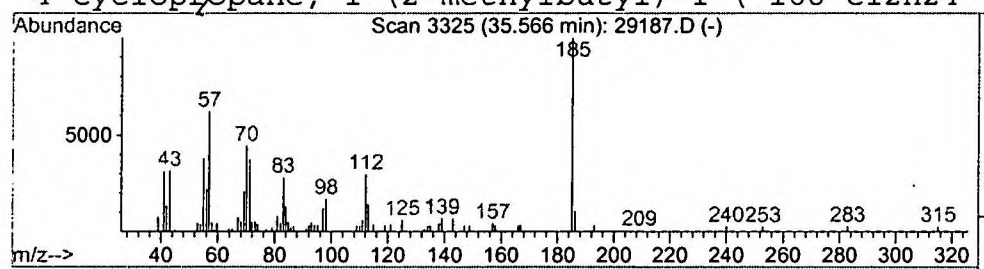
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

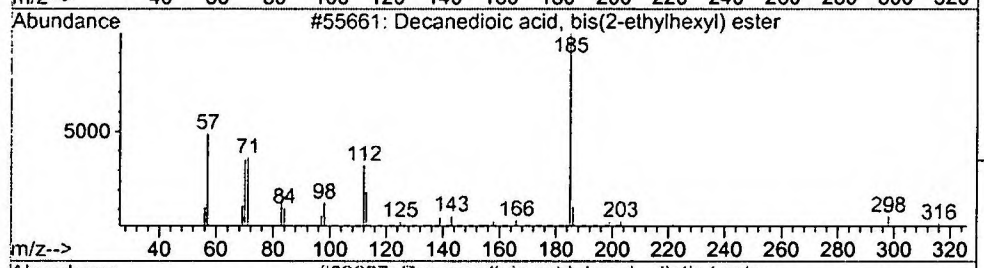
****

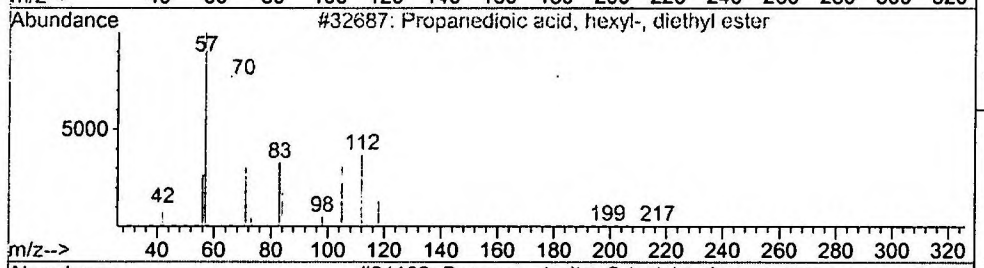
Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 2

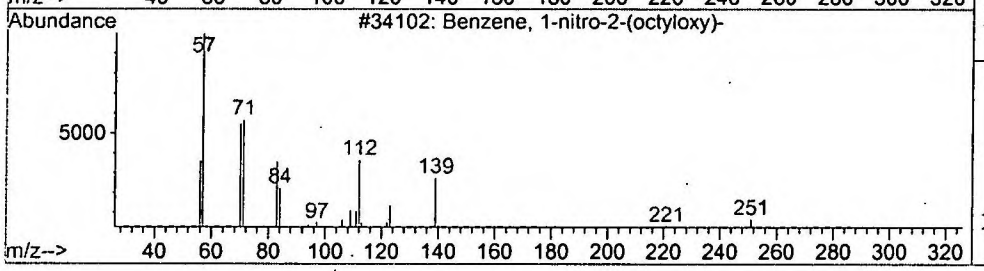
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	0.82 ug/l	153258	Perylene-d12	37.10

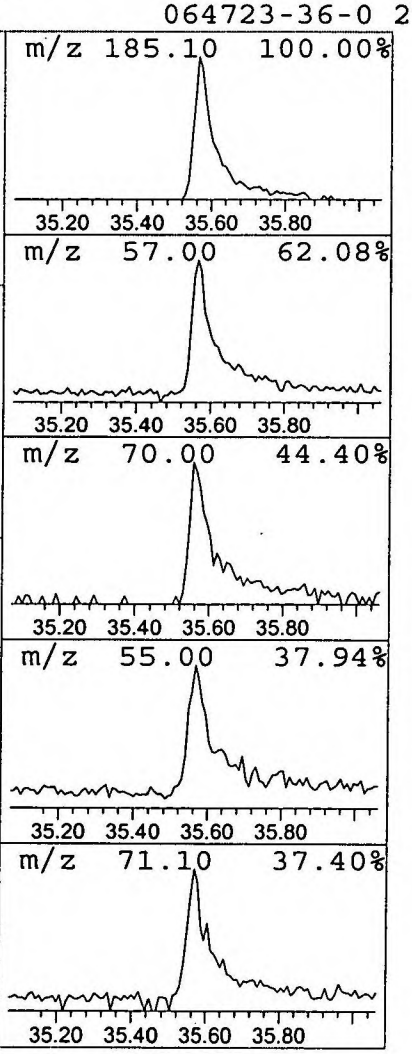
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	50
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
3	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	32
4	Cyclopropane, 1-(2-methylbutyl)-1-(	168	C12H24	064723-36-0	27











Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 8:05 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29187.D
Name: gcms scan 12/10 a
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
Silane, tetramethyl-	7.59	3.4	ug/l	974953	ISTD01	11.67	5718700	20.0
Decanedioic acid, bi	35.57	0.8	ug/l	153258	ISTD06	37.10	3754580	20.0

29187.D GCMS1126.M Fri Dec 28 13:07:32 2001