

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/11/2001 Time: 16:52:12

Sample: AD26988
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/11/01 16:51 Ended: 12/11/01 16:51 Analyst: MG
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD26988 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-11-2001 Time: 16:52:17

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\DEC0601\26988.D

Vial: 15

Acq On : 6 Dec 2001 10:54 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 11 11:36 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	11.88	152	1177150	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	4448205	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	2026185	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2924398	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	1880365	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	1334636	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	11.88	132	1114	0.01	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.28	152	279	0.01	ng/uL	-0.18
Spiked Amount	50.000	Range 26 - 73	Recovery =	0.02%#		
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	2262	0.02	ng/uL	0.10
Spiked Amount	50.000	Range 42 - 78	Recovery =	0.04%#		
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	0.00	79	0	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.

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

26988.D NP112701.M Tue Dec 11 14:24:01 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D

Vial: 15

Acq On : 6 Dec 2001 10:54 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 11 11:36 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
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.		
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	25.18	178	309	N.D.		
56) Anthracene	25.18	178	309	N.D.		
57) Di-n-butylphthalate	27.18	149	2684	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

26988.D NP112701.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D

Vial: 15

Acq On : 6 Dec 2001 10:54 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 11 11:36 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
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	33.19	228	3801	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	7248	N.D.		
67) Chrysene	33.19	228	3801	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.28	252	3587	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenzo(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

26988.D NP112701.M

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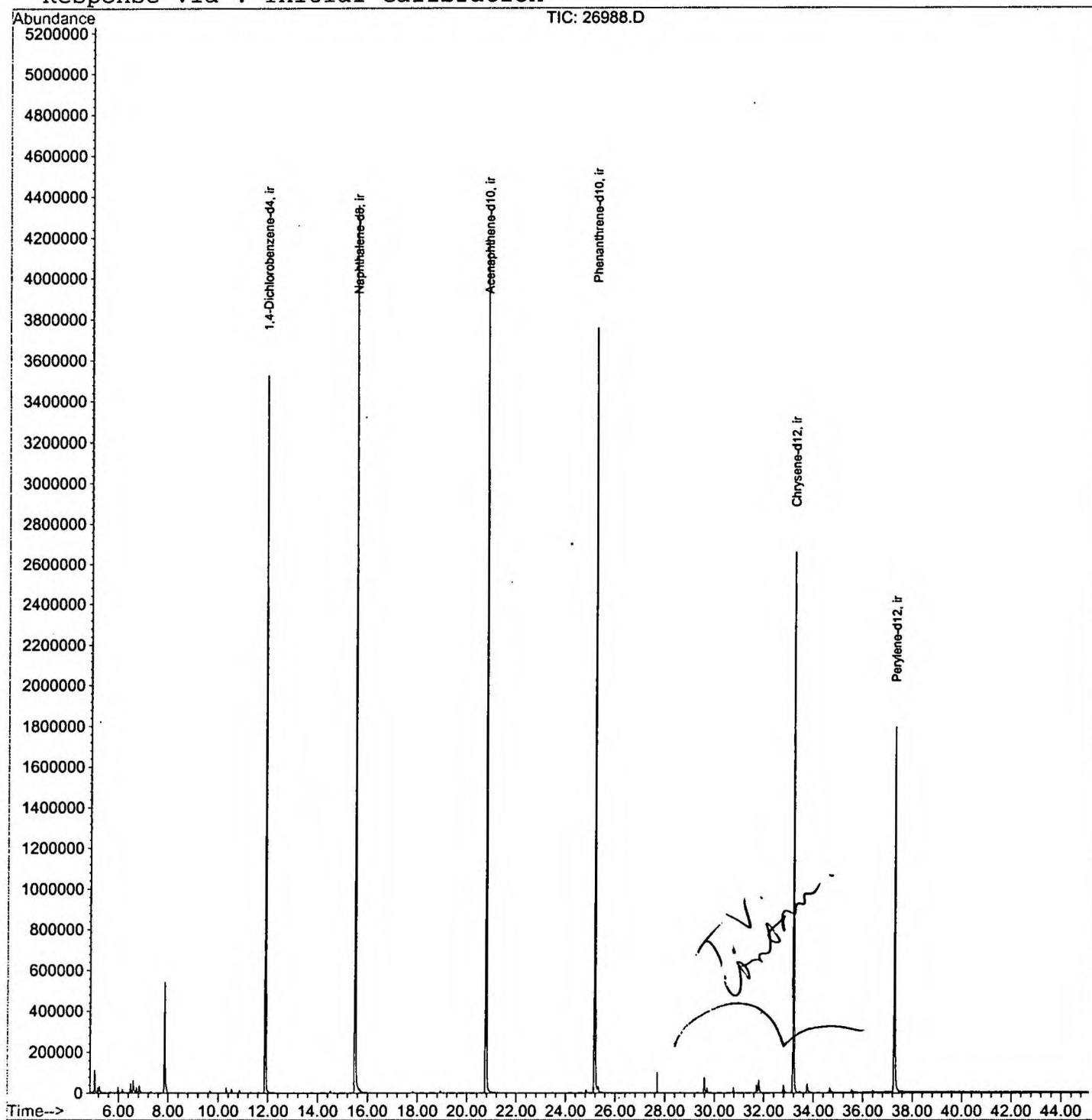
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D
Acq On : 6 Dec 2001 10:54 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 11:36 2001

Vial: 15
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\DEC0601\26988.D

Acq On : 6 Dec 2001 10:54 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

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	5.044	16	22	32	rVB	110695	207798	2.29%	0.446%
2	6.594	186	191	200	rVV	61546	138410	1.52%	0.297%
3	7.850	324	328	336	rBV	541061	1147160	12.62%	2.462%
4	11.885	763	768	788	rVB	3524924	7262824	79.87%	15.586%
5	15.498	1156	1162	1180	rBV	4357142	9092937	100.00%	19.513%
6	20.771	1731	1737	1757	rBV	4188935	8981546	98.77%	19.274%
7	25.181	2212	2218	2230	rBV2	3756999	8213886	90.33%	17.627%
8	29.592	2693	2699	2706	rBV	76823	169105	1.86%	0.363%
9	31.710	2922	2930	2935	rBV2	39866	92350	1.02%	0.198%
10	31.802	2936	2940	2952	rVB	62513	167922	1.85%	0.360%
11	32.793	3043	3048	3057	rBV	38917	114451	1.26%	0.246%
12	33.187	3085	3091	3104	rBV2	2658779	5974157	65.70%	12.820%
13	33.746	3147	3152	3161	rBV	43684	122845	1.35%	0.264%
14	37.277	3528	3537	3554	rBV2	1791341	4913889	54.04%	10.545%

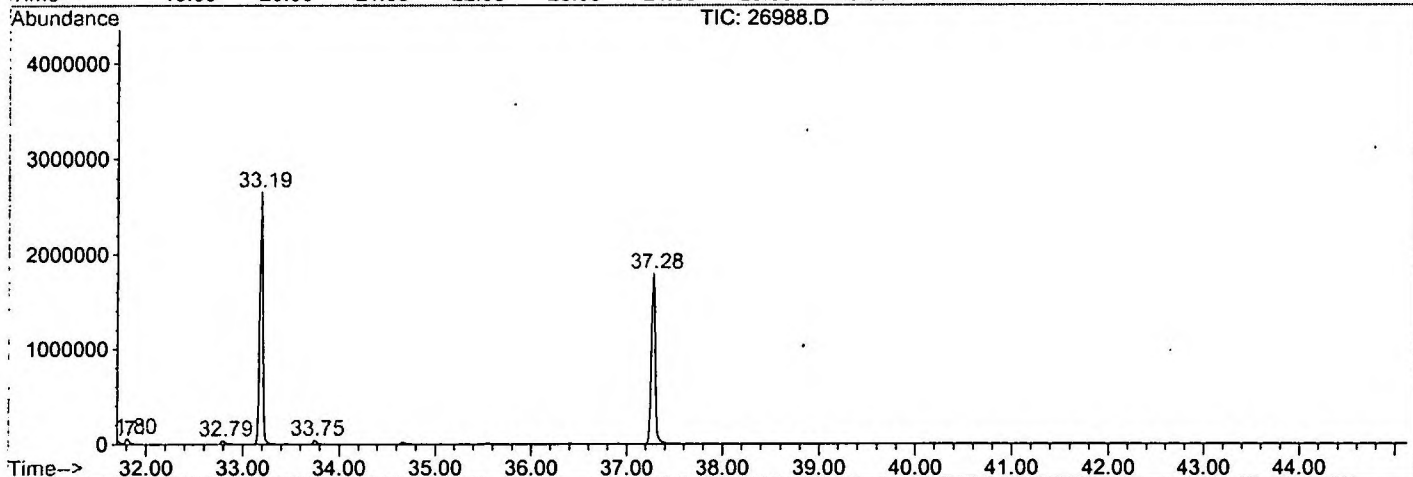
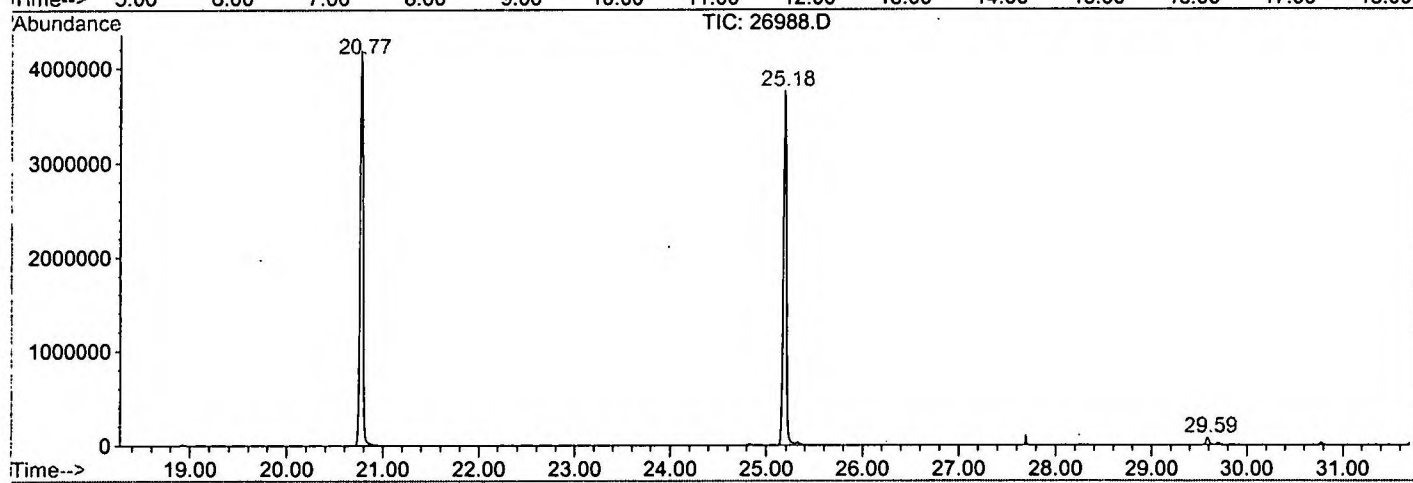
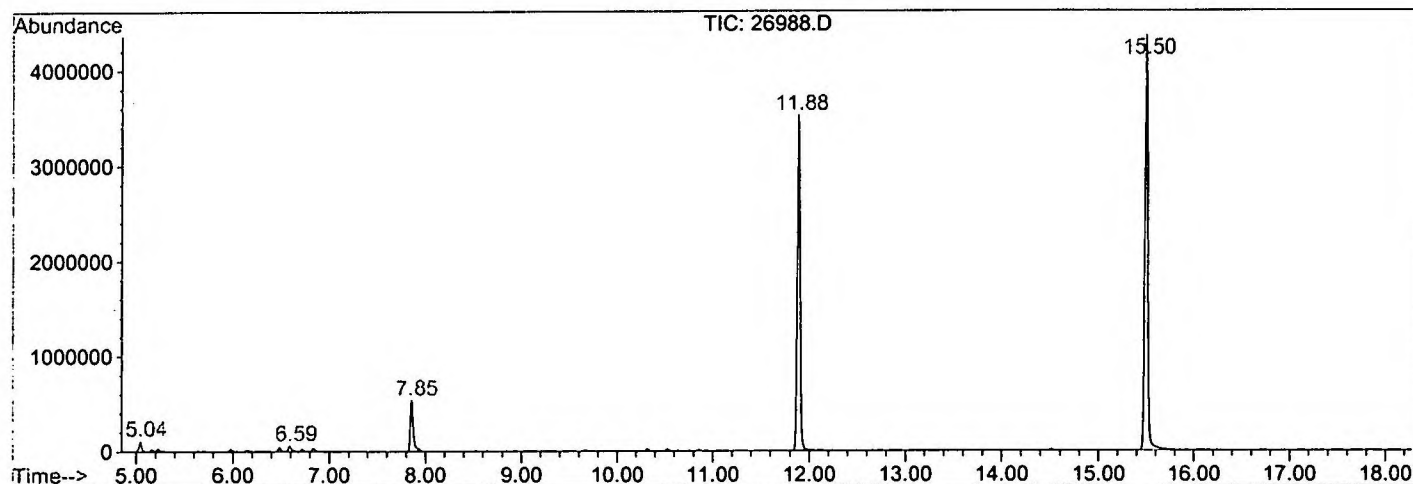
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26988.D NP112701.M

Tue Dec 11 14:53:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\26988.D
 Operator : GALOS
 Acquired : 6 Dec 2001 10:54 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 15
 Quant File :NP112701.RES (RTE Integrator)



26988.D NP112701.M

Tue Dec 11 14:53:30 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D
Acq On : 6 Dec 2001 10:54 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

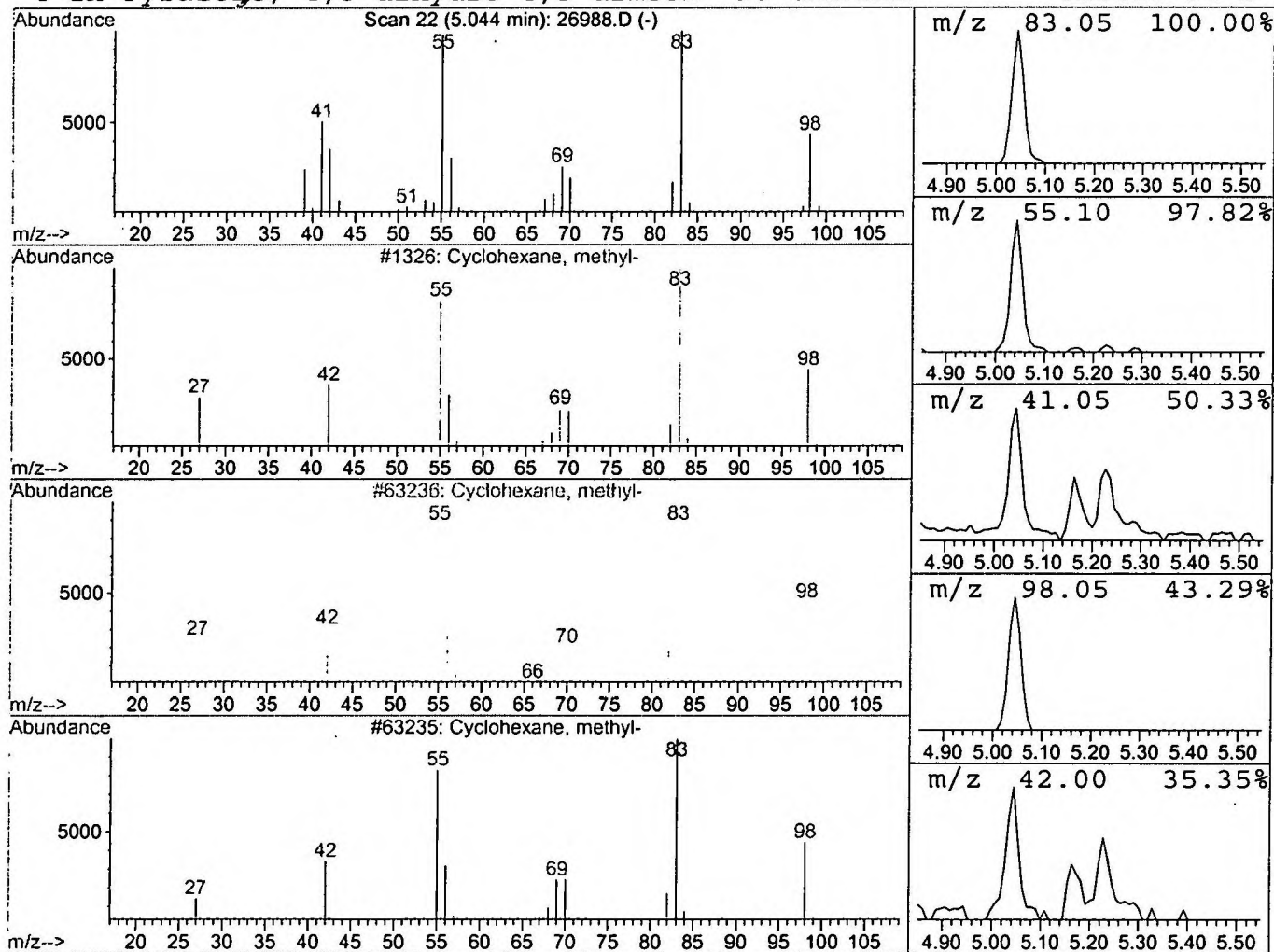
Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.57 ng/uL	207798	1,4-Dichlorobenzene-d4	11.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	95
3			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
4			1H-Pyrazole, 4,5-dihydro-4,5-dimeth	98	C5H10N2	028019-94-5	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D
Acq On : 6 Dec 2001 10:54 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

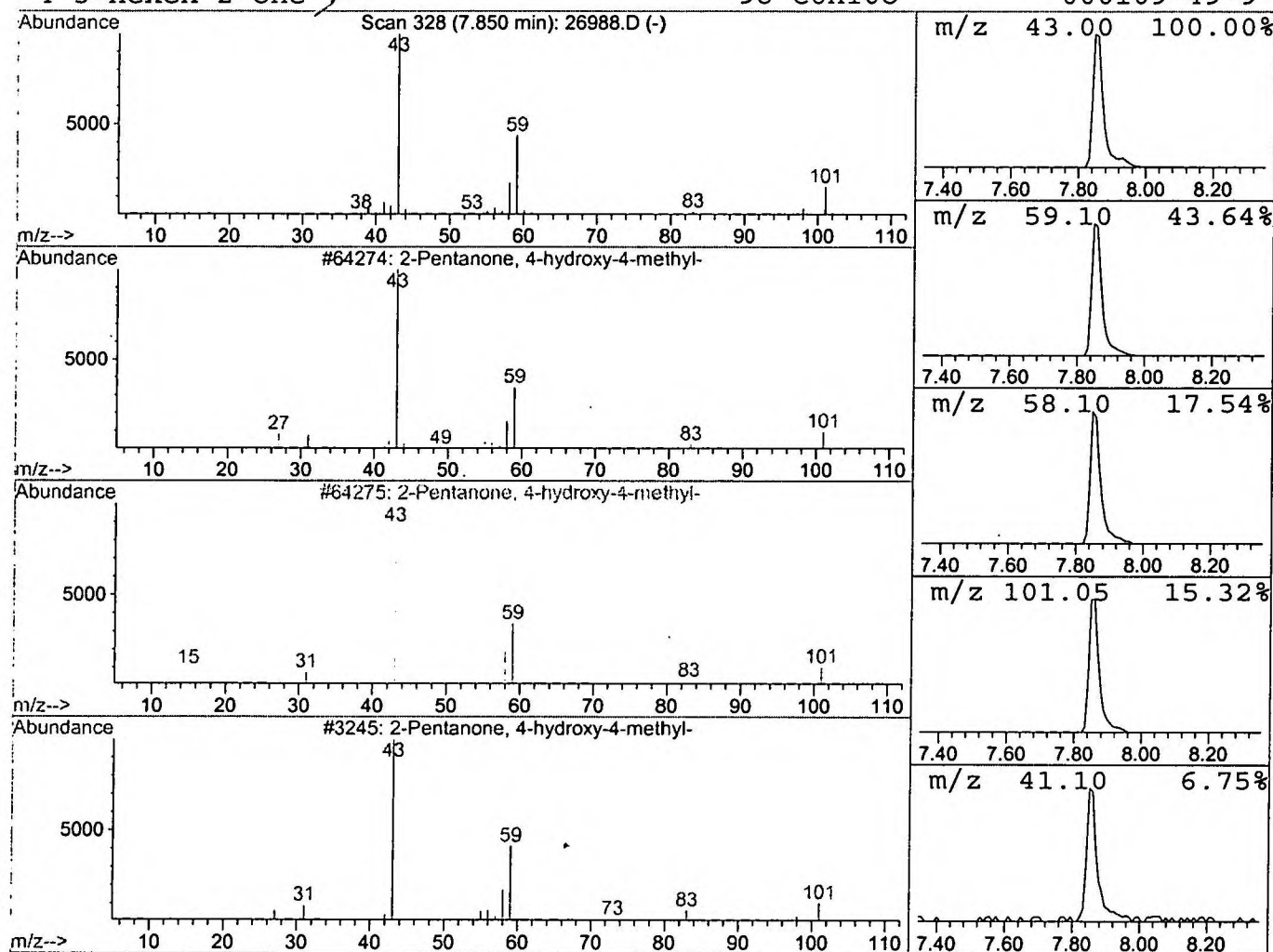
Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	3.16 ng/uL	1147160	1,4-Dichlorobenzene-d4	11.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26988.D
 Acq On : 6 Dec 2001 10:54 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

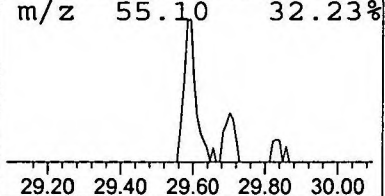
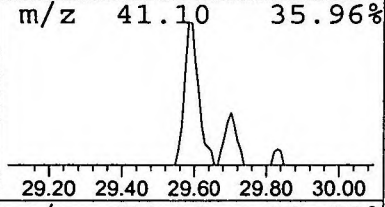
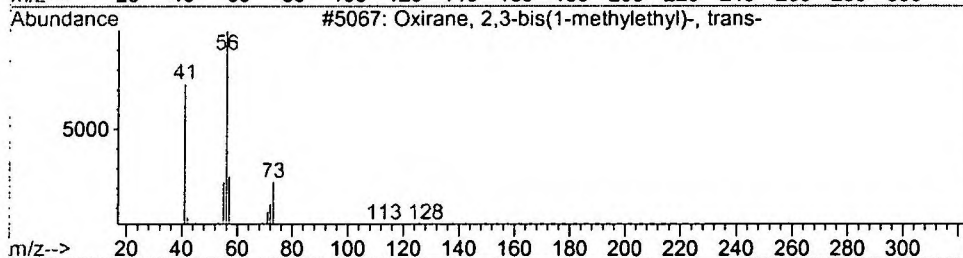
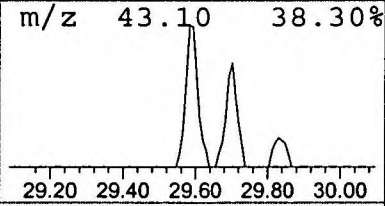
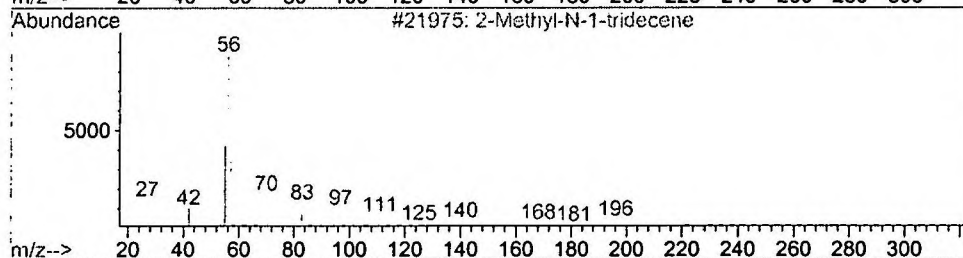
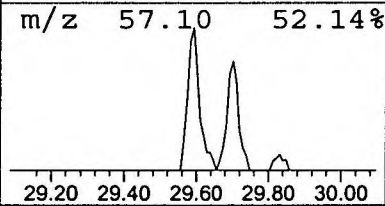
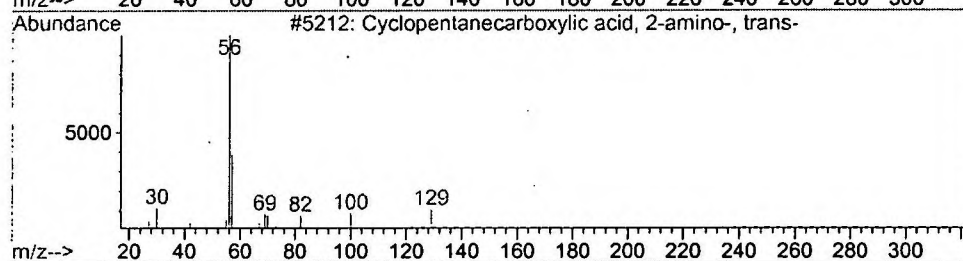
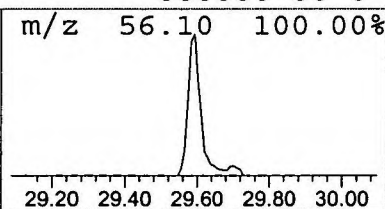
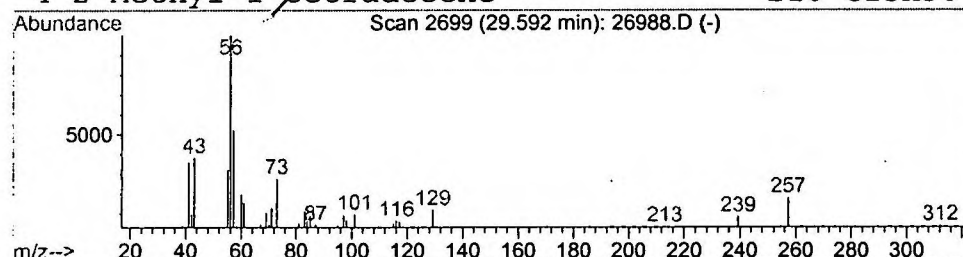
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 3 Cyclopentanecarboxylic acid, 2 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.59	0.57 ng/uL	169105	Chrysene-d12	33.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	32
2			2-Methyl-N-1-tridecene	196	C14H28	018094-01-4	25
3			Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	25
4			2-Methyl-1-tetradecene	210	C15H30	000000-00-0	25



Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

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

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

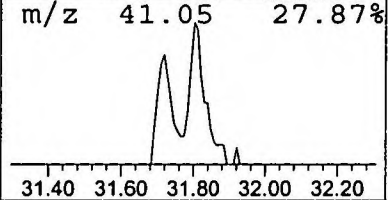
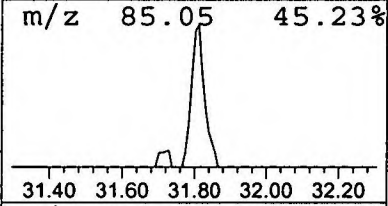
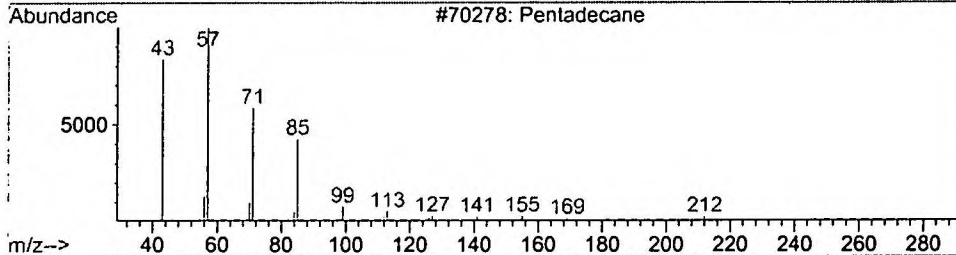
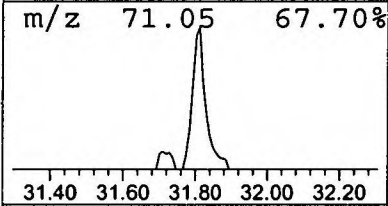
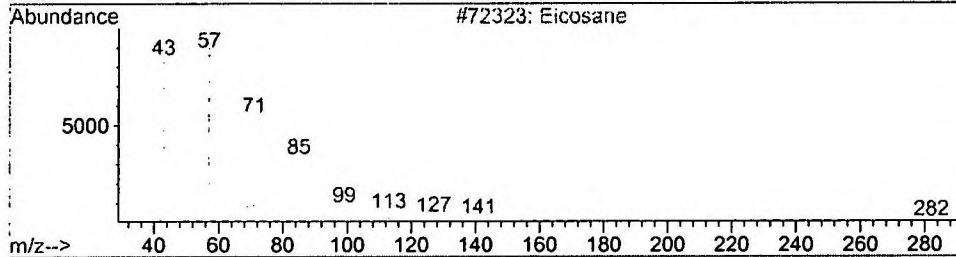
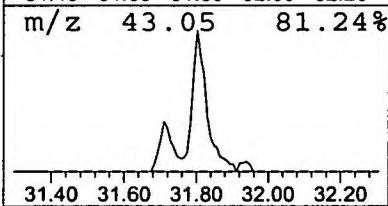
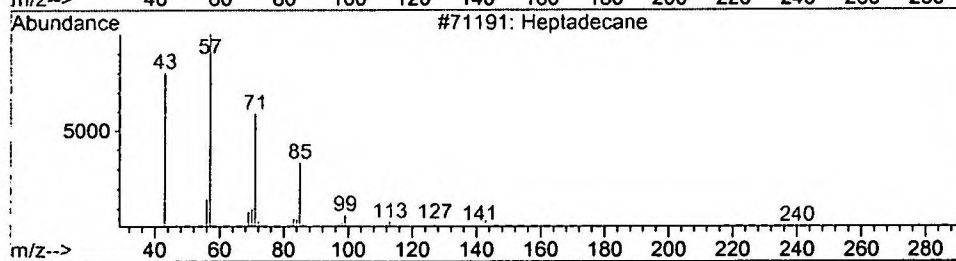
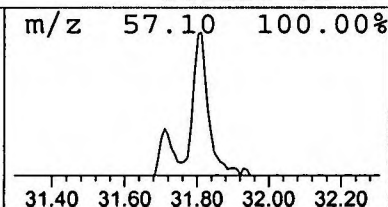
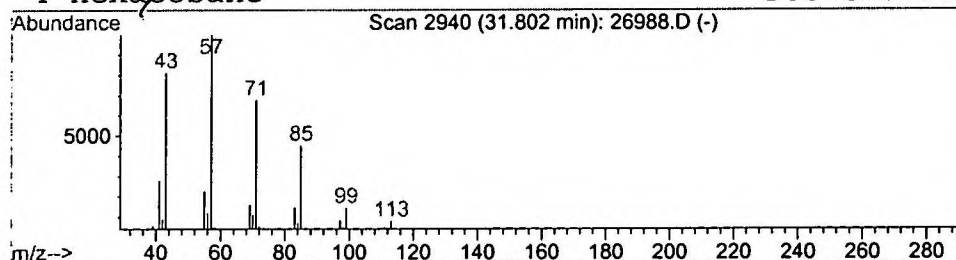
Library : C:\DATABASE\NBS75K.L

Peak Number 4 Heptadecane

Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.80	0.56 ng/uL	167922	Chrysene-d12	33.19

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	72
2		Eicosane	282	C20H42	000112-95-8	72
3		Pentadecane	212	C15H32	000629-62-9	64
4		Hexacosane	366	C26H54	000630-01-3	59



Library Search Compound Report

Data File : G:\HPCHEM\1\DATA\DEC0601\26988.D
Acq On : 6 Dec 2001 10:54 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

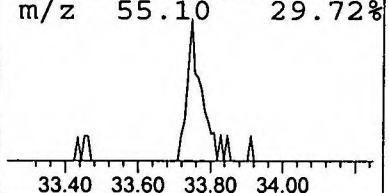
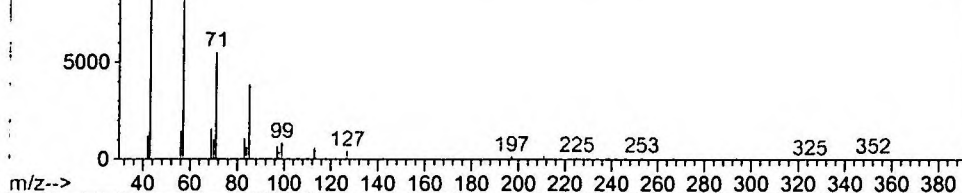
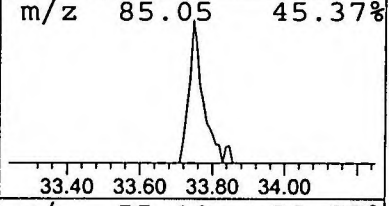
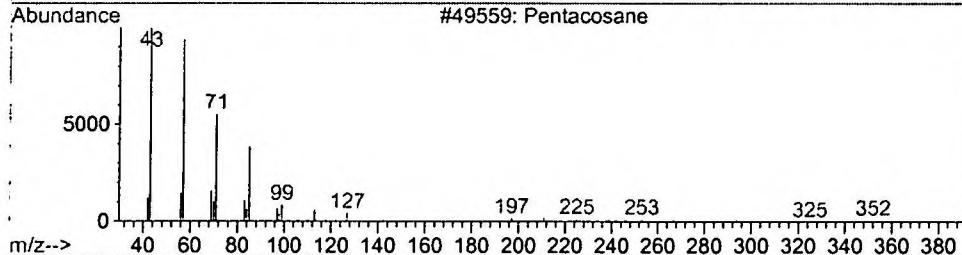
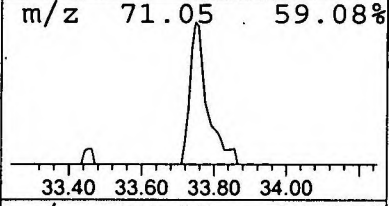
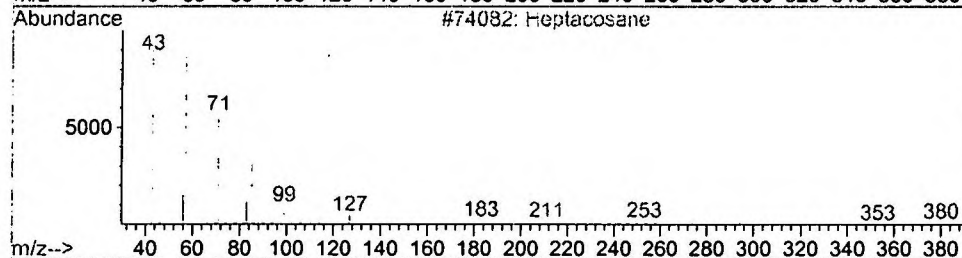
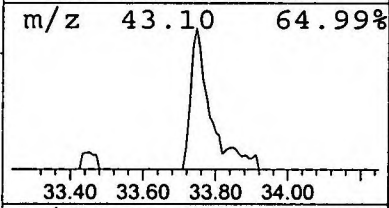
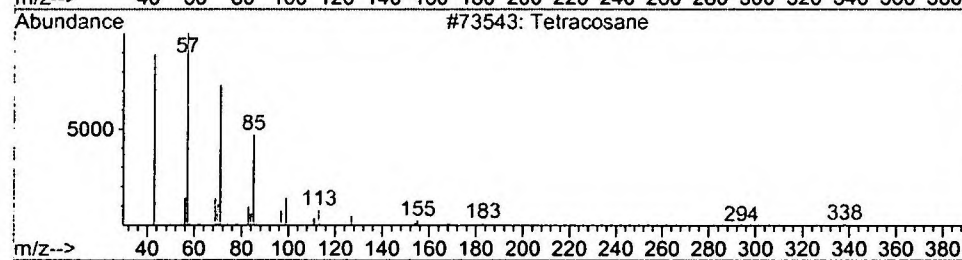
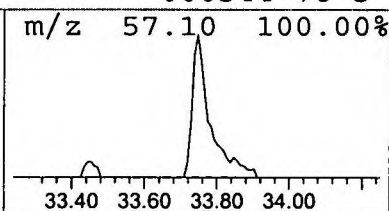
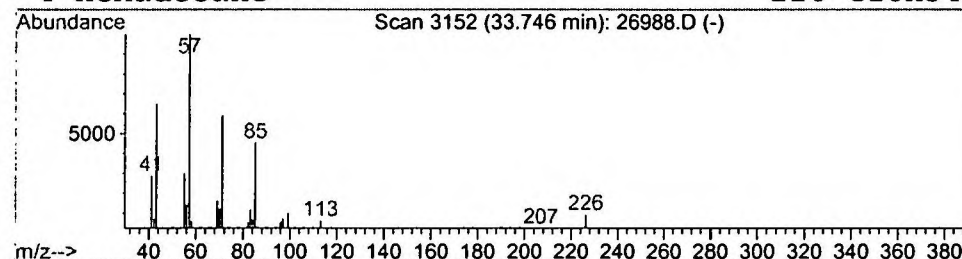
Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.75	0.41 ng/uL	122845	Chrysene-d12	33.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	86
2		Heptacosane	380	C27H56	000593-49-7	78
3		Pentacosane	352	C25H52	000629-99-2	78
4		Hexadecane	226	C16H34	000544-76-3	72



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 6 Dec 2001 10:54 pm
 Data File: C:\HPCHEM\1\DATA\DEC0601\26988.D
 Name: gc/ms unknown
 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	0.6	ng/uL	207798	ISTD01	11.88	7262820	20.0
2-Pentanone, 4-hydro	7.85	3.2	ng/uL	1147160	ISTD01	11.88	7262820	20.0
Cyclopentanecarboxyl	29.59	0.6	ng/uL	169105	ISTD05	33.19	5974160	20.0
Heptadecane	31.80	0.6	ng/uL	167922	ISTD05	33.19	5974160	20.0
Tetracosane	33.75	0.4	ng/uL	122845	ISTD05	33.19	5974160	20.0

26988.D NP112701.M Tue Dec 11 14:53:42 2001