

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 15:33:23

Sample: AE07973
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 15:33 Ended: 4/18/2002 15:33 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		71	5.0

Comments for Sample AE07973 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 15:33:36

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 low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07973.D
Acq On : 15 Apr 2002 8:36 pm
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 11:14:51 2002

Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	9.99	152	5378962	40.00	ug/L	0.00
10) Napthalene-d8	13.49	136	20303915	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	11968143	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	18273560	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	14467807	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	9554665	40.00	ug/L	-0.01
System Monitoring Compounds						
27) TCMX	20.60	207	377000	5.68	ug/L	0.00
Spiked Amount	8.000		Recovery	=	71.00%	
Target Compounds						
35) Di-n-butylphthalate	25.16	149	451422	0.85	ug/L	Qvalue 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07973.D 041202SCAN.M Tue Apr 16 11:15:33 2002 Page 1

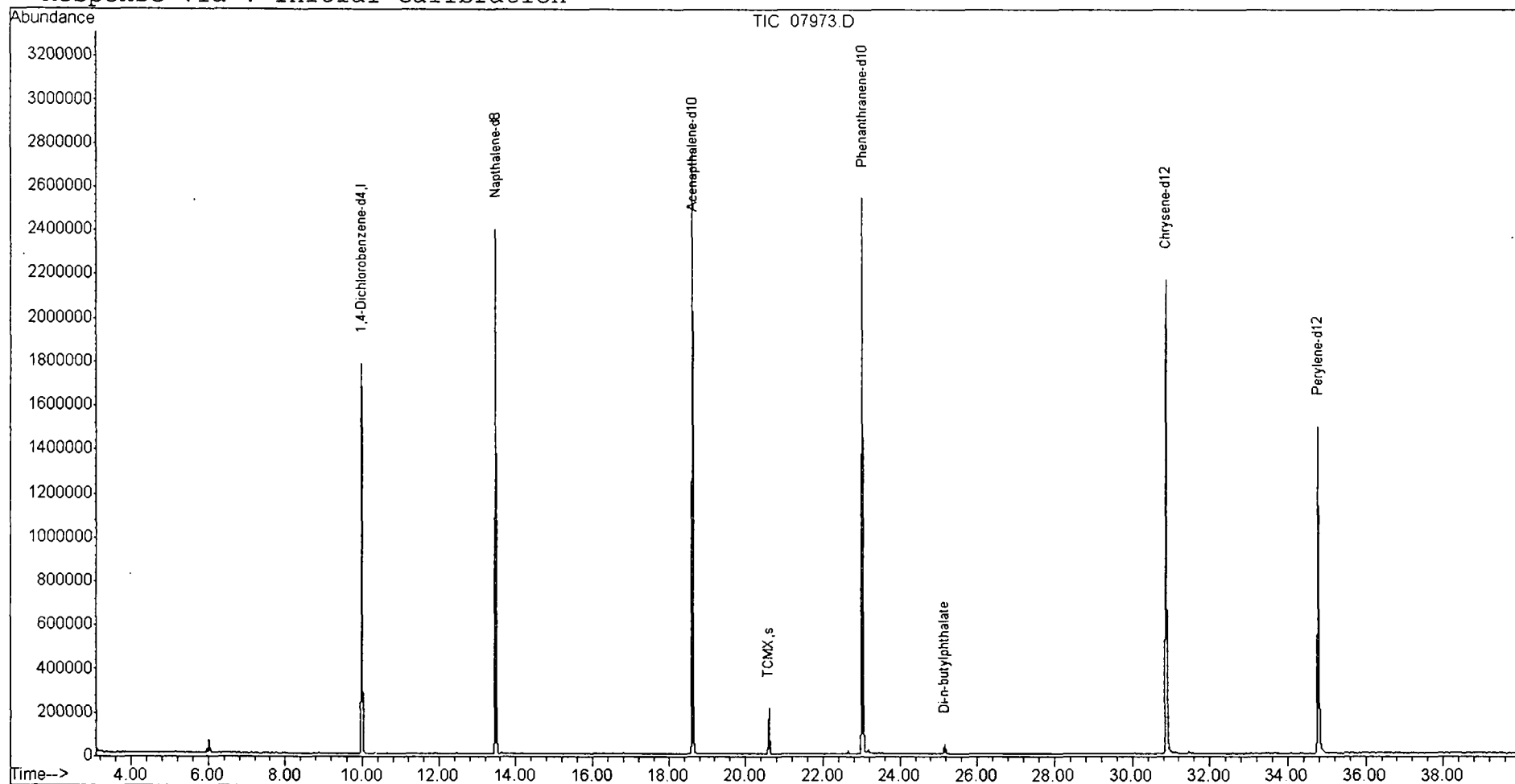
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\07973.D
Acq On : 15 Apr 2002 8:36 pm
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 11:15 2002

Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: 041202SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020415\07973.D
 Acq On : 15 Apr 2002 8:36 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan

Signal : TIC

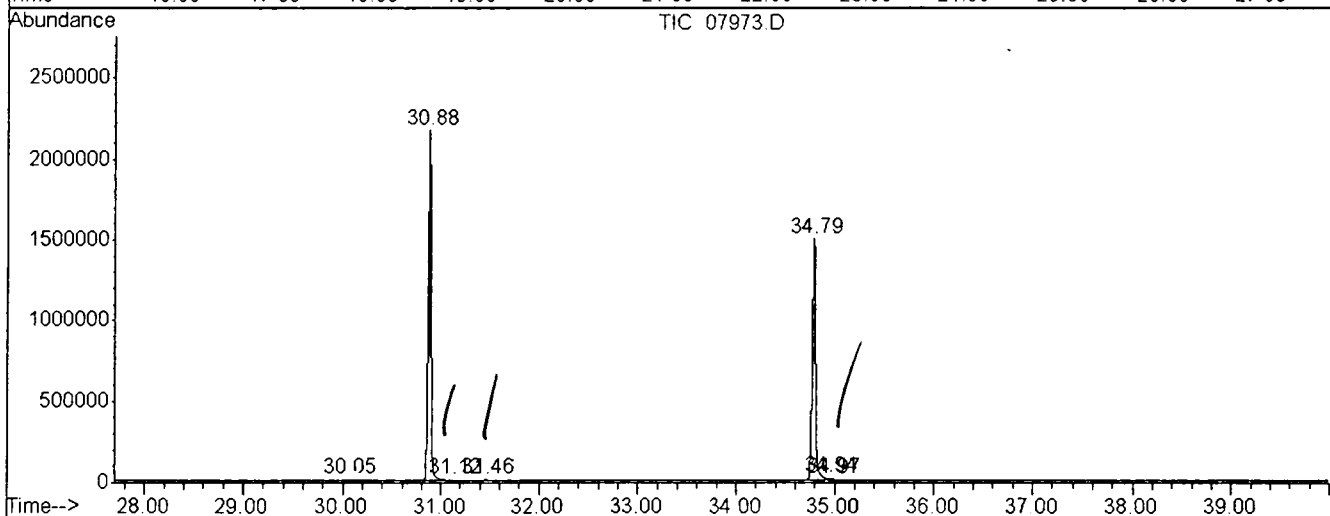
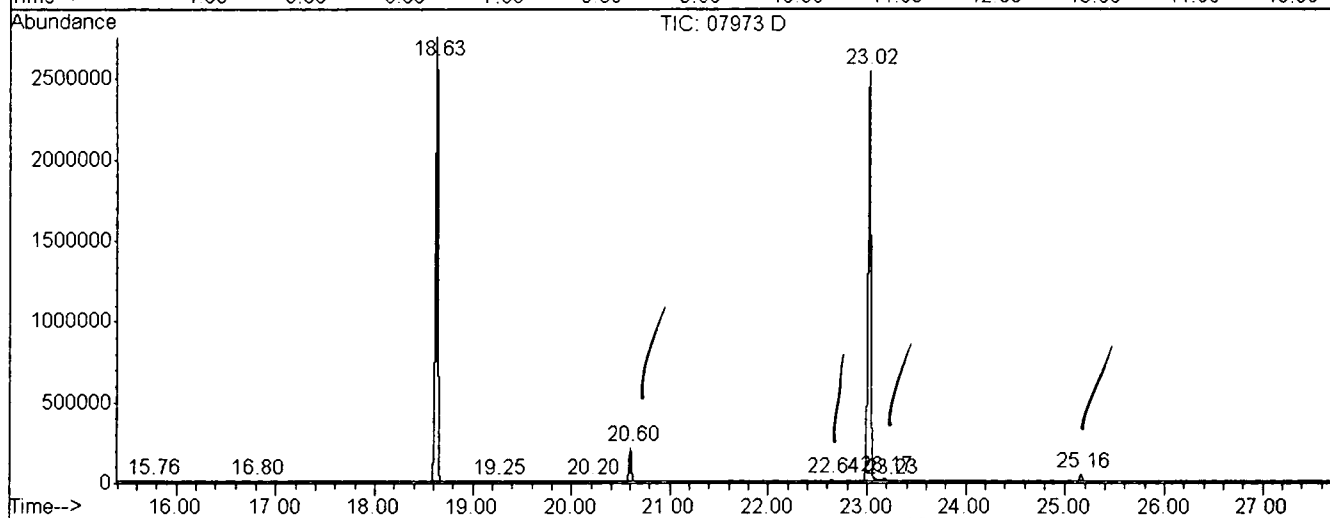
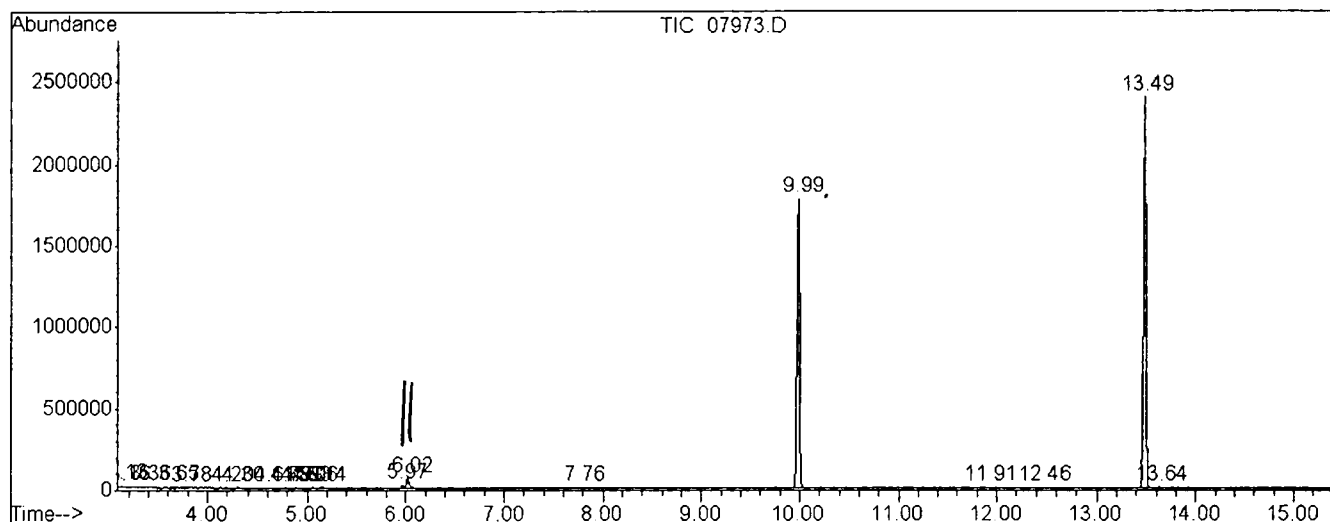
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1	3.126	3	8	11	BV	9863	131111	0.27%	0.052%
2	3.156	11	13	30	VV 6	3095	70027	0.15%	0.028%
3	3.367	45	49	55	PV 4	3564	53548	0.11%	0.021%
4	3.649	90	97	102	PV 2	5639	84411	0.17%	0.034%
5	3.778	110	119	124	VV 4	3389	100500	0.21%	0.040%
6	4.196	186	190	192	VV 5	1959	26462	0.05%	0.011%
7	4.301	205	208	214	VV 4	2495	40638	0.08%	0.016%
8	4.613	254	261	265	PV 3	1675	31057	0.06%	0.012%
9	4.789	288	291	296	VV 4	2782	40285	0.08%	0.016%
10	4.889	296	308	317	VV 7	2844	103423	0.21%	0.041%
11	4.983	321	324	330	VV 5	1957	33596	0.07%	0.013%
12	5.053	330	336	344	VV 3	2639	51845	0.11%	0.021%
13	5.141	344	351	361	VV 5	5576	140975	0.29%	0.056%
14	5.964	480	491	496	PV	18501	328500	0.68%	0.131%
15	6.017	496	500	517	VV	59677	1295985	2.69%	0.515%
16	7.756	786	796	807	PV 2	2392	65848	0.14%	0.026%
17	9.989	1157	1176	1193	BV	1770337	30613284	63.46%	12.166%
18	11.910	1495	1503	1508	VV 4	3745	58514	0.12%	0.023%
19	12.462	1593	1597	1600	VV 2	2023	27433	0.06%	0.011%
20	13.485	1758	1771	1785	VV	2352737	40828790	84.63%	16.225%
21	13.638	1791	1797	1801	VV 4	5401	101438	0.21%	0.040%
22	15.759	2153	2158	2164	VV 3	2054	36554	0.08%	0.015%
23	16.799	2330	2335	2345	VV 3	3375	70818	0.15%	0.028%
24	18.632	2637	2647	2665	VV	2731450	48242596	100.00%	19.171%
25	19.243	2747	2751	2756	VV 2	1785	24216	0.05%	0.010%
26	20.201	2912	2914	2919	VV 2	1601	27436	0.06%	0.011%
27	20.600	2969	2982	2990	PV 2	208465	3581791	7.42%	1.423%
28	22.639	3320	3329	3336	PV 3	13332	242694	0.50%	0.096%
29	23.021	3383	3394	3414	PV 2	2501895	47662719	98.80%	18.941%
30	23.174	3414	3420	3429	VV	18042	422853	0.88%	0.168%
31	23.232	3429	3430	3433	VV	1370	13887	0.03%	0.006%
32	25.160	3748	3758	3769	PV	41303	743141	1.54%	0.295%
33	30.054	4585	4591	4596	PV 4	2094	43553	0.09%	0.017%
34	30.882	4721	4732	4770	PV 2	2094790	43048185	89.23%	17.107%
35	31.123	4770	4773	4778	VV 4	2628	54700	0.11%	0.022%
36	31.458	4817	4830	4844	PV 4	6152	167081	0.35%	0.066%
37	34.790	5382	5397	5421	BV 2	1478707	32758163	67.90%	13.018%

38	34.937	5421	5422	5427	VV 3	6959	103292	0.21%	0.041%
39	34.972	5427	5428	5447	VV 5	4840	165867	0.34%	0.066%

Sum of corrected areas: 251637216

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\07973.D
 Operator : Nefliu
 Acquired : 15 Apr 2002 8:36 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 13
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\07973.D
Acq On : 15 Apr 2002 8:36 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

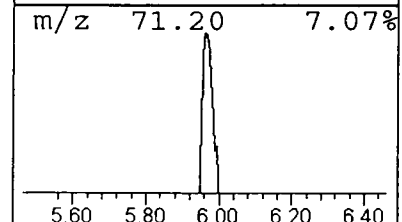
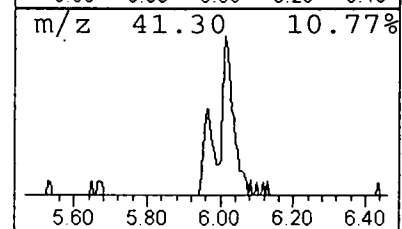
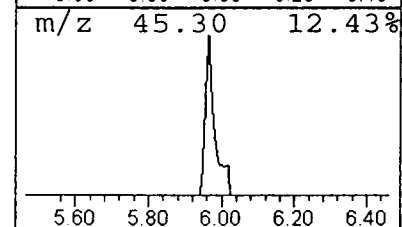
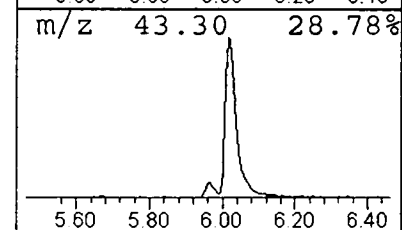
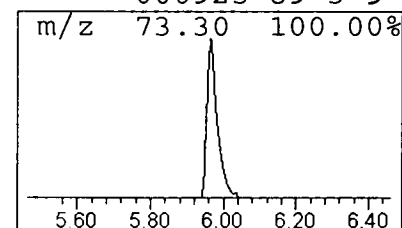
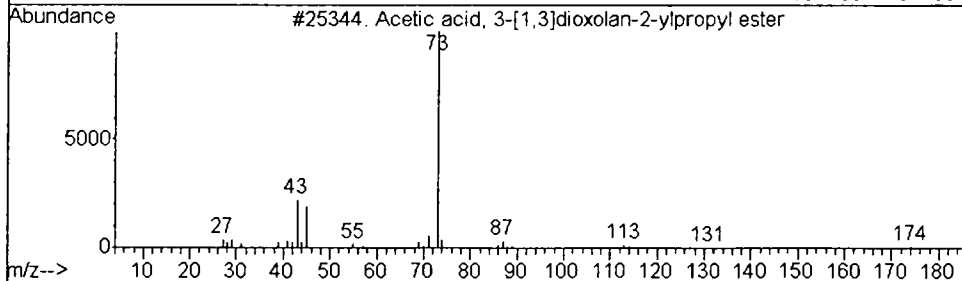
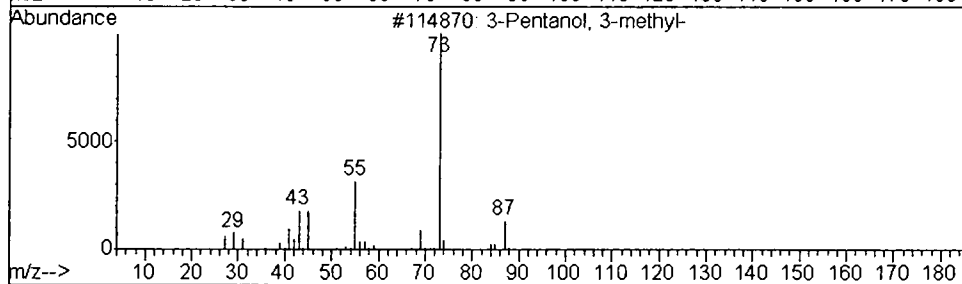
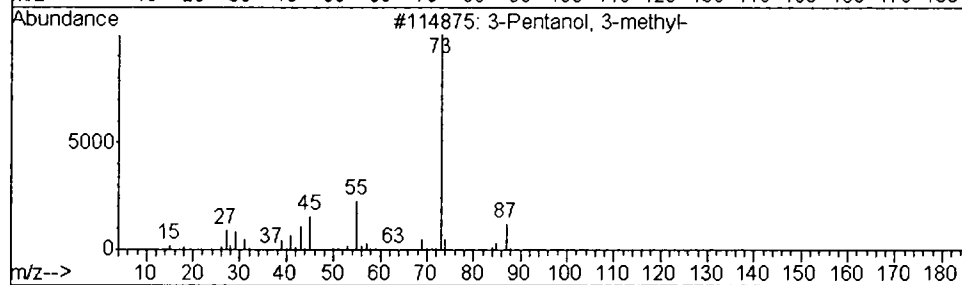
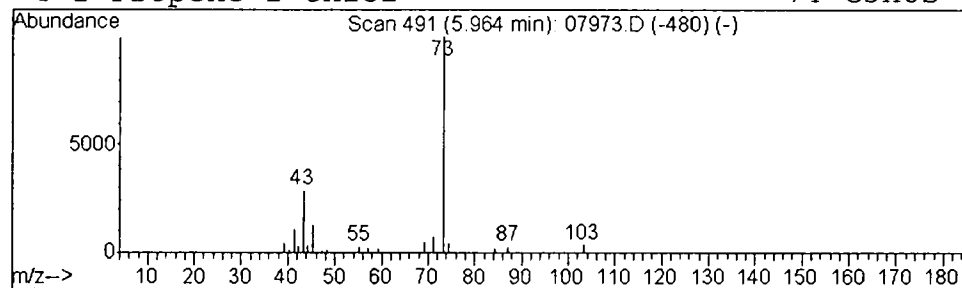
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.43 ug/L	328500	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	25
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	9



Library Search Compound Report

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Acq On : 15 Apr 2002 8:36 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

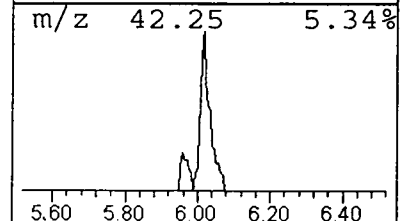
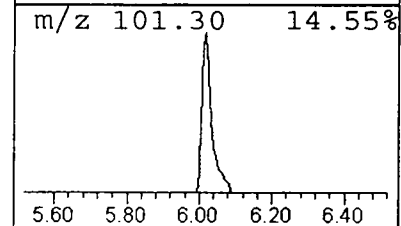
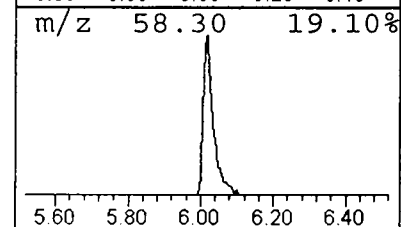
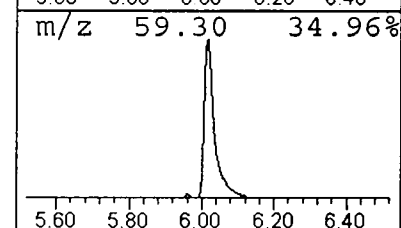
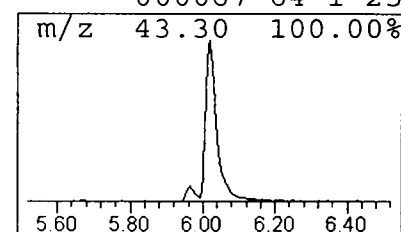
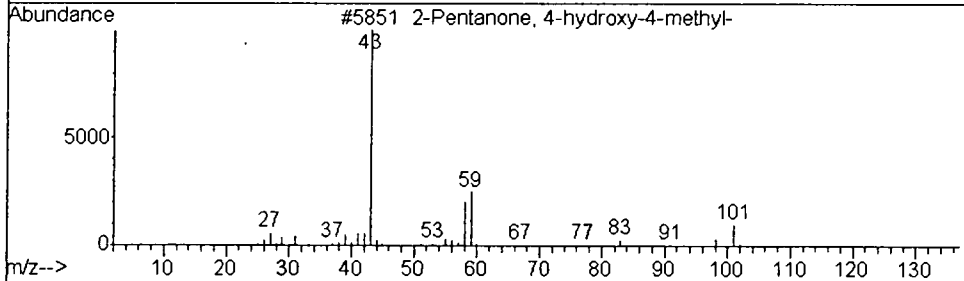
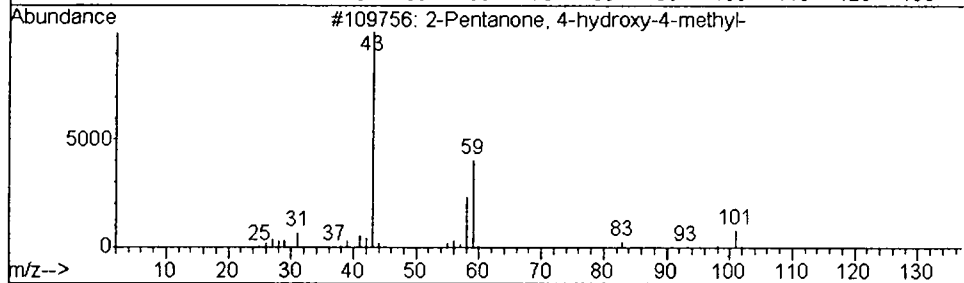
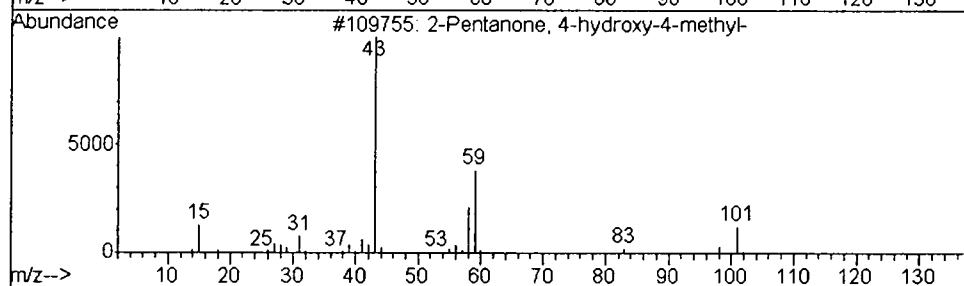
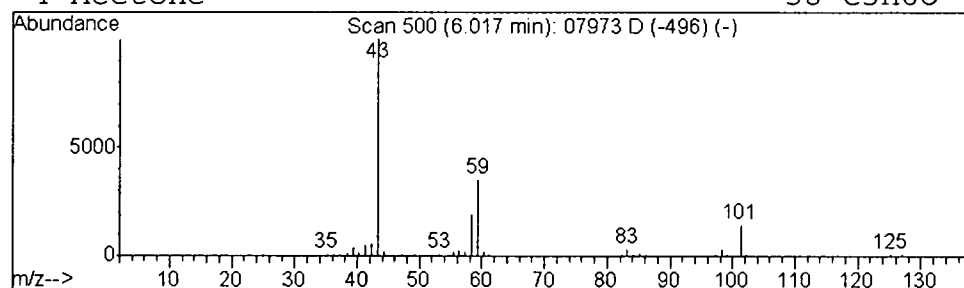
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	1.69 ug/L	1295990	1,4-Dichlorobenzene-d4	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	80
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
4		Acetone	58	C3H6O	000067-64-1	25



Library Search Compound Report

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Sample : sample
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MS Integration Params: LSCINT.e

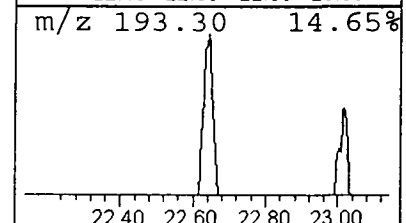
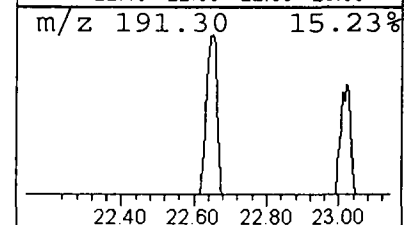
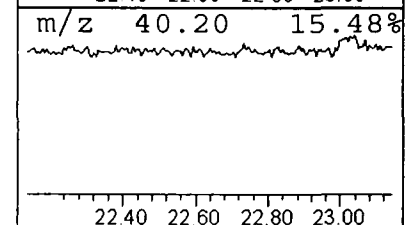
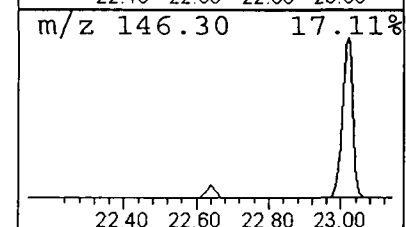
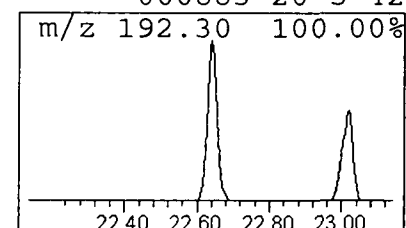
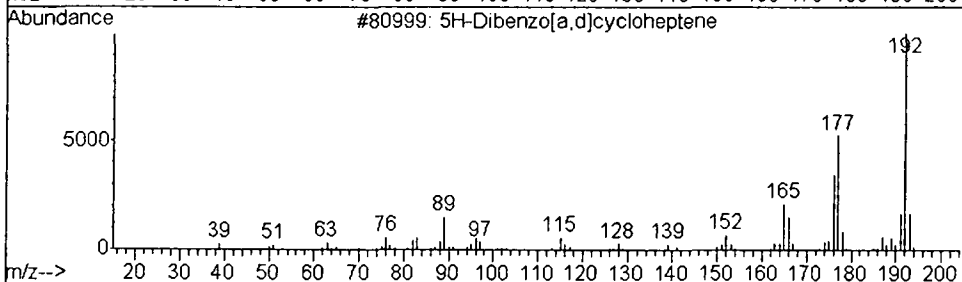
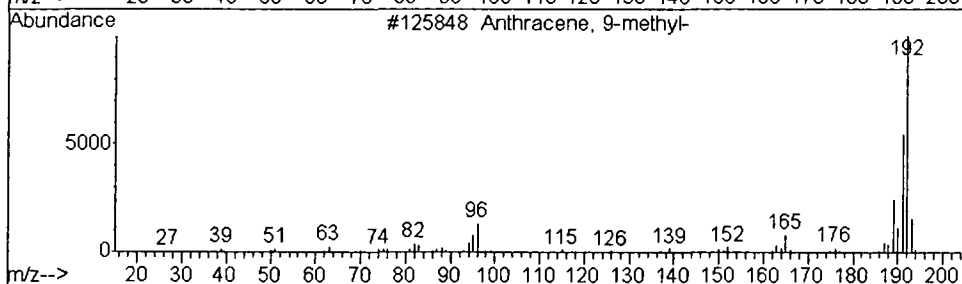
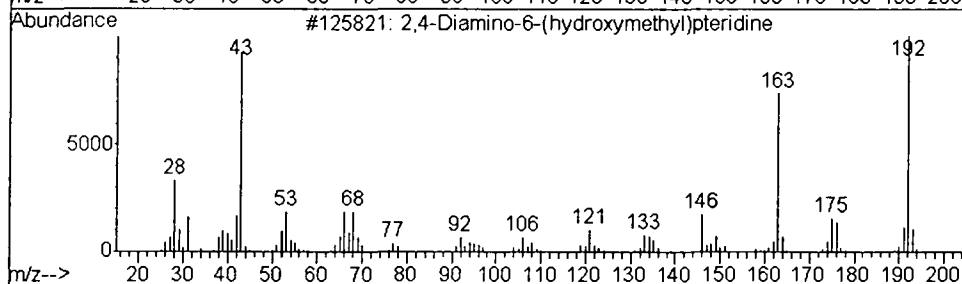
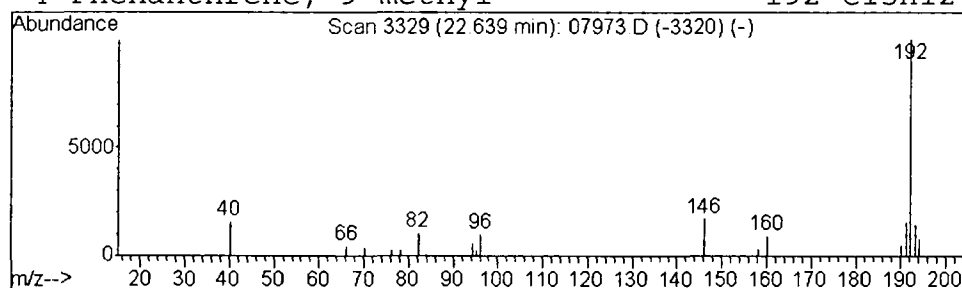
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 3 2,4-Diamino-6-(hydroxymethyl)pte... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.20 ug/L	242694	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	53
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42



Library Search Compound Report

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Sample : sample
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MS Integration Params: LSCINT.e

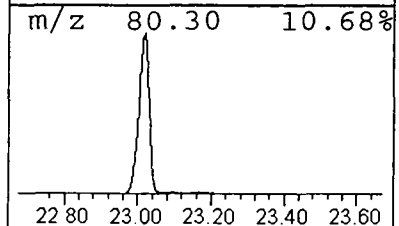
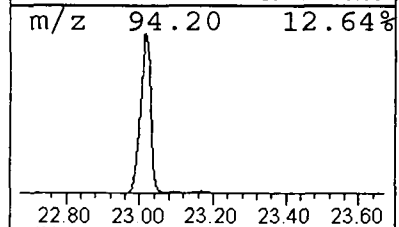
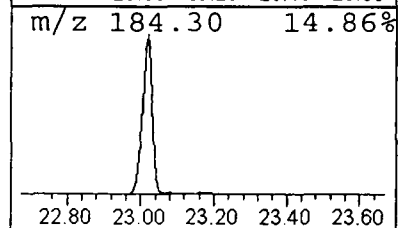
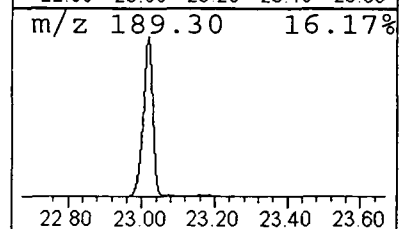
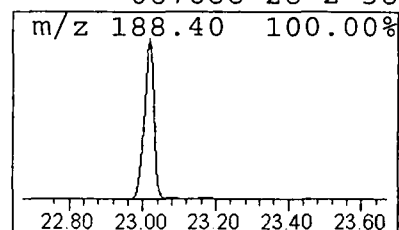
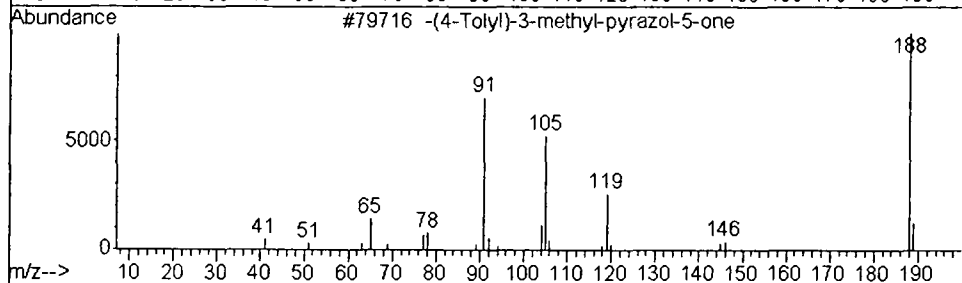
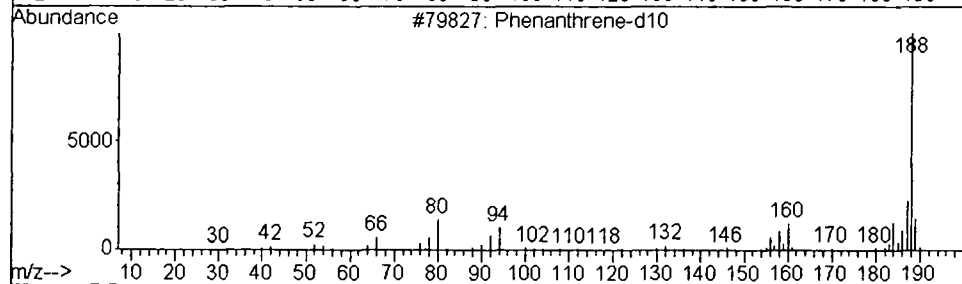
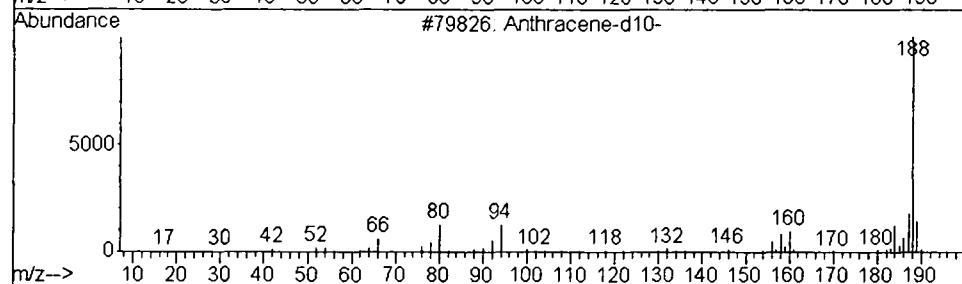
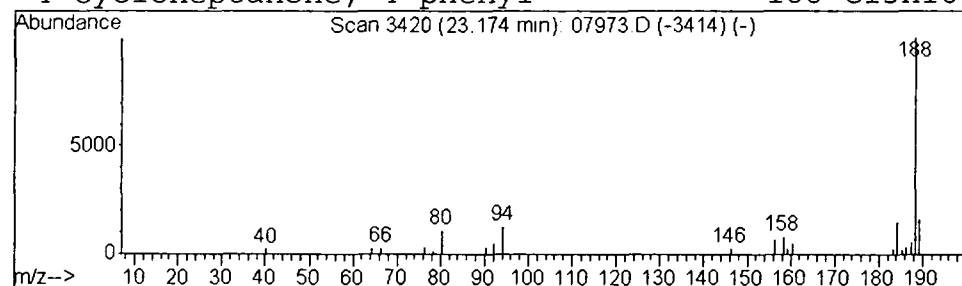
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 4 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.35 ug/L	422853	Phenanthrene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	83
②			Phenanthrene-d10	188	C14D10	001517-22-2	78
3			-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40
4			Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	38



Library Search Compound Report

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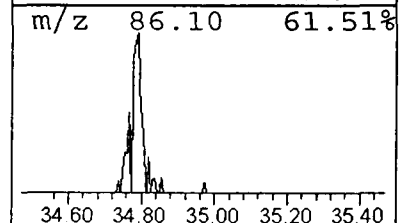
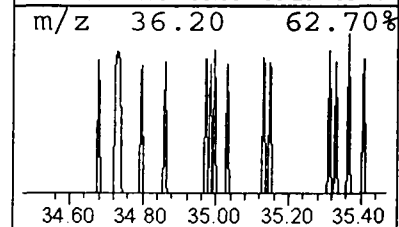
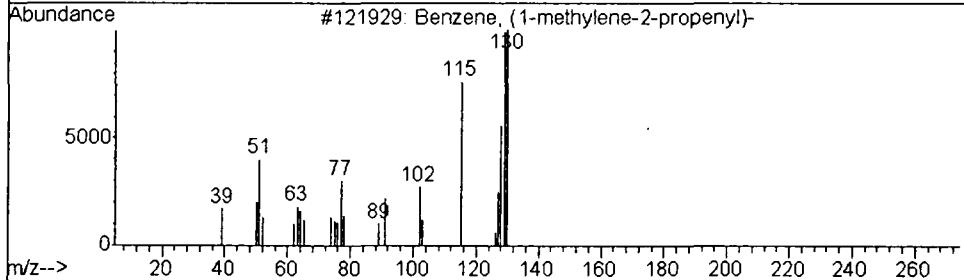
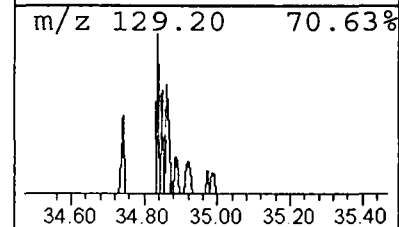
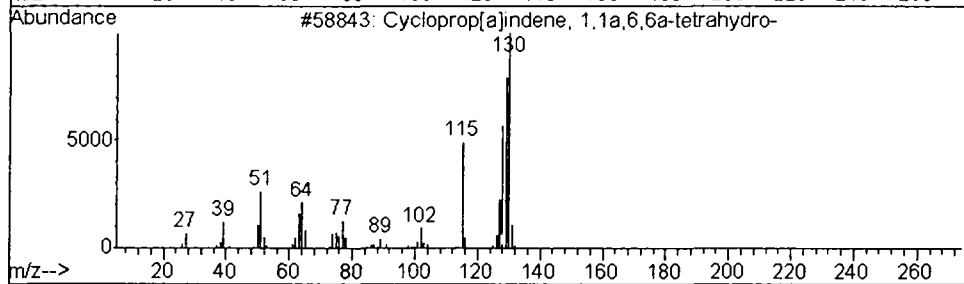
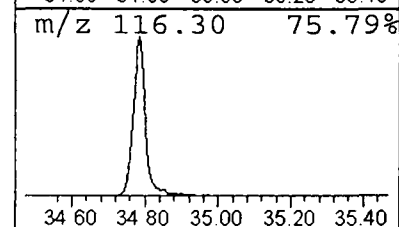
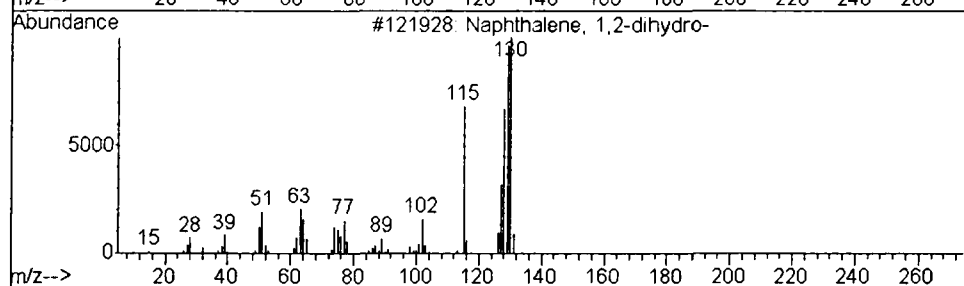
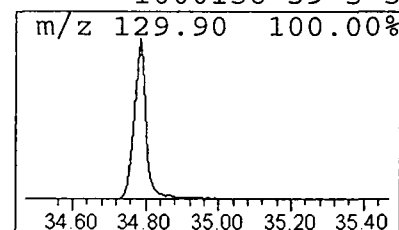
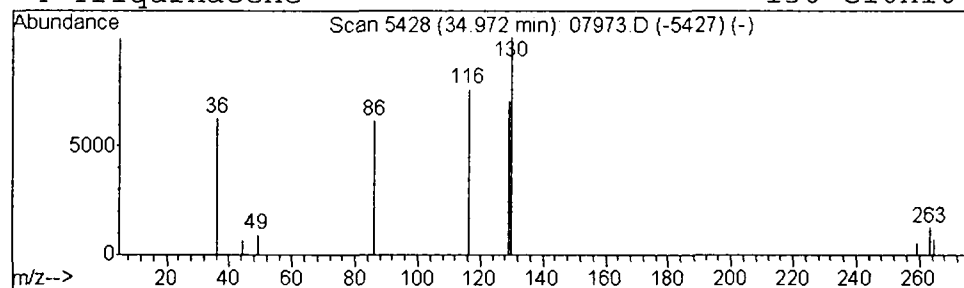
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 5 Naphthalene, 1,2-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.97	0.20 ug/L	165867	Perylene-d12	34.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	5
2		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	5
3		Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	5
4		Triquinacene	130	C10H10	1000156-39-5	5



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 15 Apr 2002 8:36 pm
 Data File: C:\MSDCHEM\1\DATA\020415\07973.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title: 508 Modified GC/MS scan
 Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard---			
					#	RT	Resp	Conc
3-Pentanol, 3-met...	5.97	0.4	ug/L	328500	1	9.99	30613300	40.0
2-Pentanone, 4-hy...	6.02	1.7	ug/L	1295990	1	9.99	30613300	40.0
2,4-Diamino-6-(hy...	22.64	0.2	ug/L	242694	4	23.02	47662700	40.0
Anthracene-d10-	23.17	0.4	ug/L	422853	4	23.02	47662700	40.0
Naphthalene, 1,2-...	34.97	0.2	ug/L	165867	6	34.79	32758200	40.0