

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 16:08:33

Sample: AE08070
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 16:08 Ended: 4/18/2002 16:08 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		83	5.0

Comments for Sample AE08070 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 16:08:45

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\08070.D
Acq On : 16 Apr 2002 8:02 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:58:35 2002

Vial: 27
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	4470887	40.00	ug/L	-0.01
10) Napthalene-d8	13.48	136	17044256	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.63	164	9947989	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	15452230	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	12060552	40.00	ug/L	-0.02
43) Perylene-d12	34.79	264	8108464	40.00	ug/L	-0.02

System Monitoring Compounds

27) TCMX	20.60	207	364889	6.61	ug/L	0.00
Spiked Amount	8.000		Recovery	=	82.63%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08070.D 041202SCAN.M Tue Apr 16 13:58:47 2002 Page 1

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Sample : sample

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Quant Time: Apr 16 13:58 2002

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Multiplr: 1.00

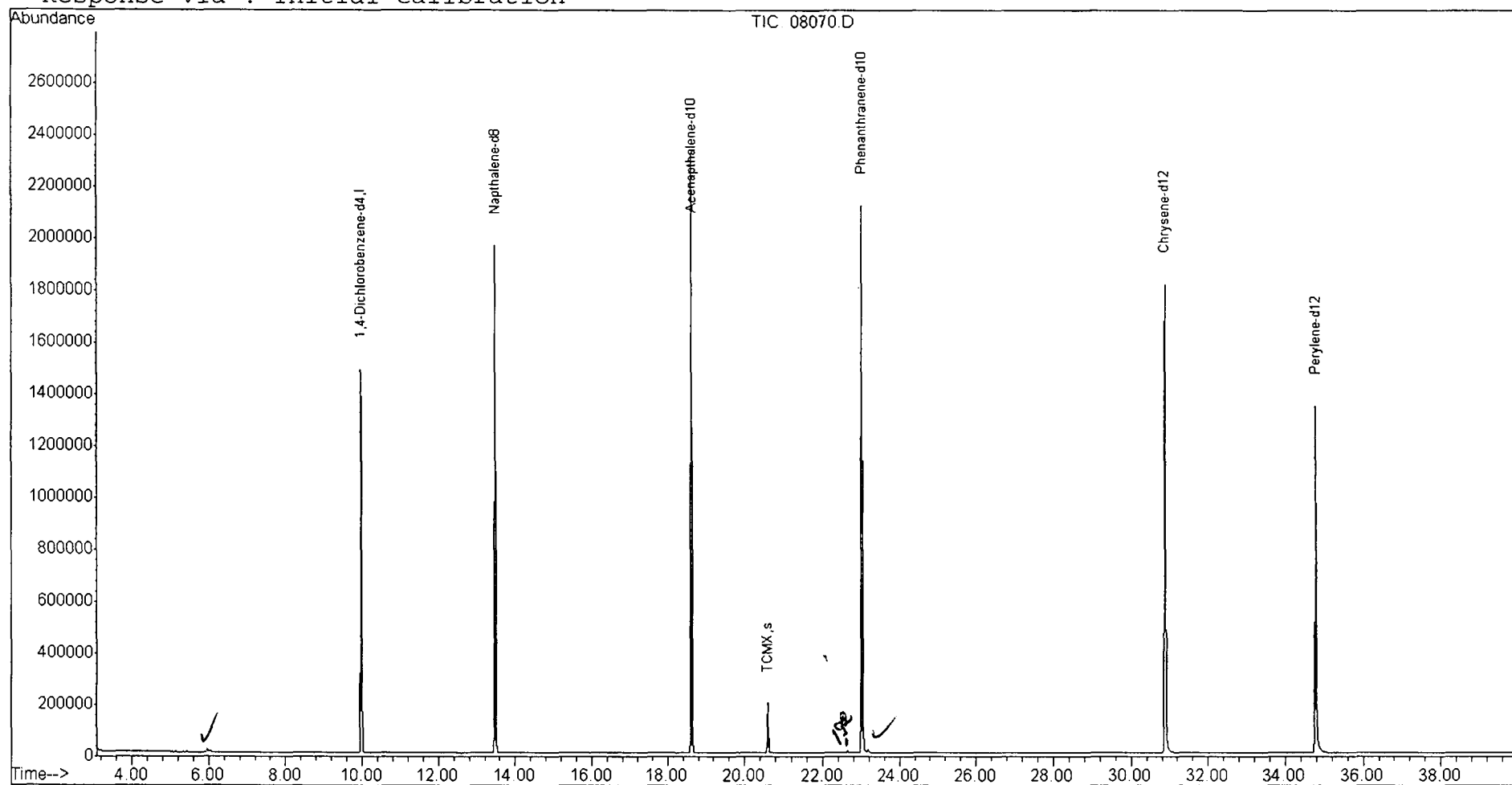
Quant Results File: 041202SCAN.RES

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\08070.D
 Acq On : 16 Apr 2002 8:02 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 27
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

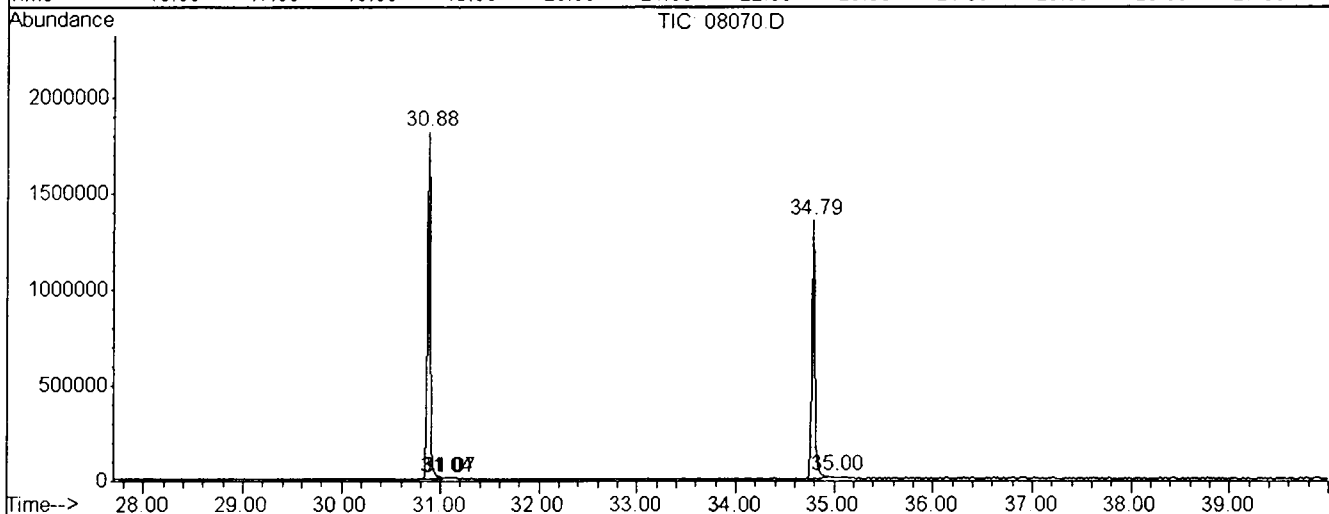
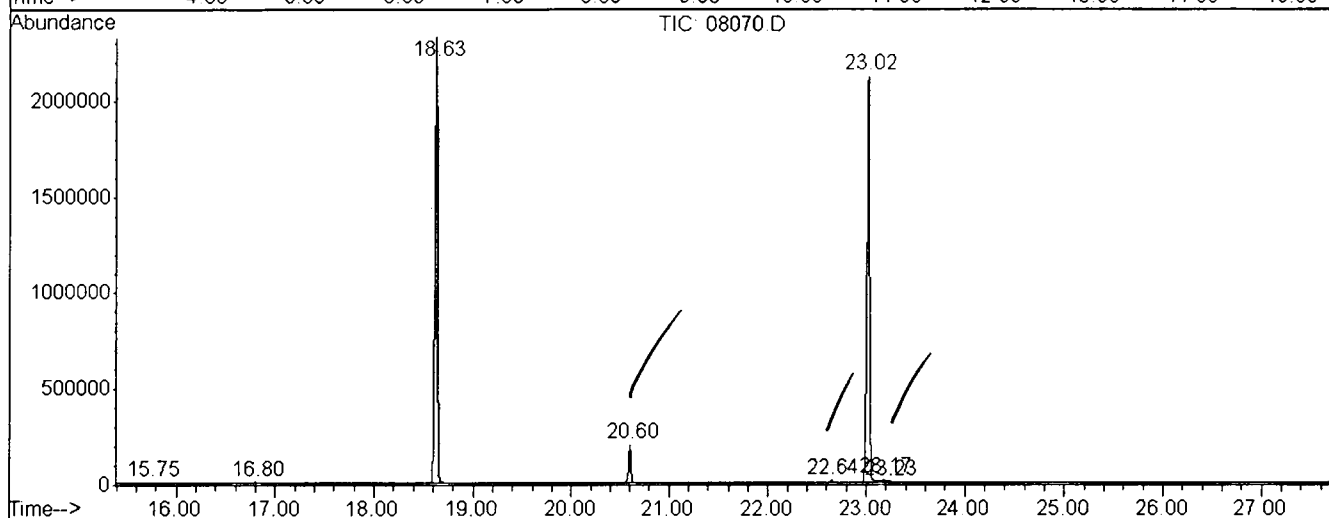
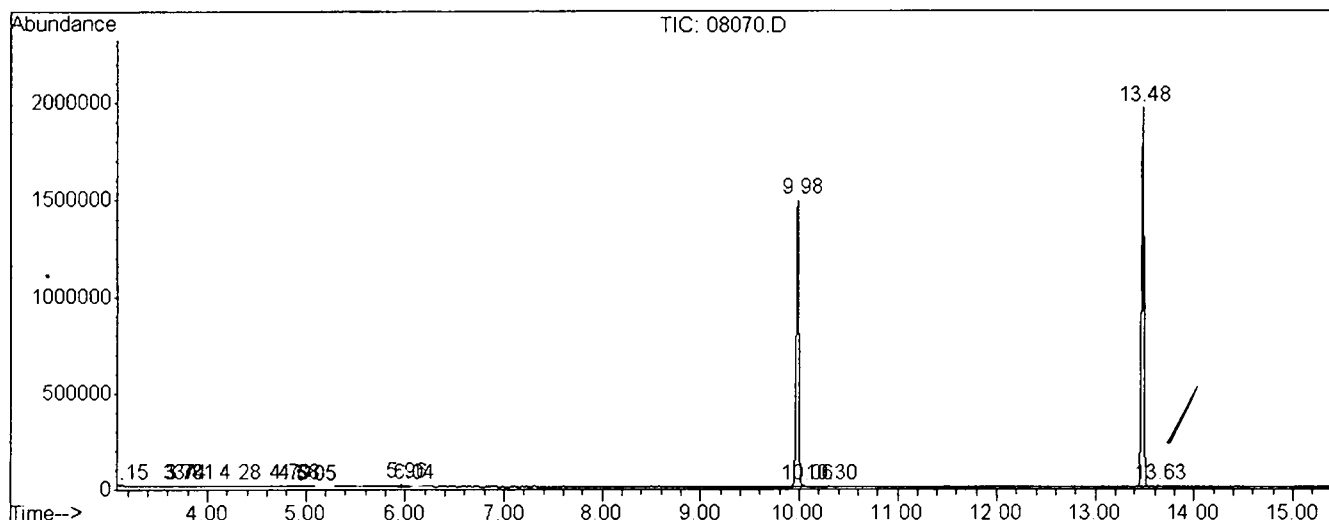
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	11	15	BV 3	1500	1807	0.00%	0.001%
2	3.702	97	106	108	PV	2151	33281	0.08%	0.016%
3	3.737	108	112	117	VV 5	2764	76885	0.19%	0.037%
4	3.808	120	124	132	VV 8	2908	95062	0.24%	0.045%
5	4.284	202	205	213	VV 4	2782	60740	0.15%	0.029%
6	4.789	286	291	299	VV 3	2732	69558	0.17%	0.033%
7	4.883	299	307	313	VV 5	2689	76404	0.19%	0.036%
8	5.048	332	335	340	VV 3	2138	30217	0.07%	0.014%
9	5.958	485	490	500	PV 3	12571	275823	0.68%	0.131%
10	6.035	500	503	507	VV 4	3851	68860	0.17%	0.033%
11	9.983	1165	1175	1186	VV	1454823	25707327	63.65%	12.229%
12	10.054	1186	1187	1195	VV 4	2266	37210	0.09%	0.018%
13	10.300	1228	1229	1235	PV	1569	13016	0.03%	0.006%
14	13.485	1761	1771	1783	PV	1961472	34413754	85.21%	16.370%
15	13.632	1792	1796	1801	VV 3	4785	84940	0.21%	0.040%
16	15.747	2145	2156	2162	PV 3	1798	39629	0.10%	0.019%
17	16.805	2324	2336	2341	PV 3	2761	36444	0.09%	0.017%
18	18.632	2633	2647	2661	BV	2282835	40358023	99.92%	19.198%
19	20.600	2973	2982	2999	VV	195540	3431074	8.50%	1.632%
20	22.645	3325	3330	3336	VV 3	10631	190563	0.47%	0.091%
21	23.021	3382	3394	3414	PV 2	2108749	40388720	100.00%	19.213%
22	23.174	3414	3420	3428	VV 2	13881	353175	0.87%	0.168%
23	23.227	3428	3429	3441	VV 5	2171	37418	0.09%	0.018%
24	30.882	4721	4732	4758	PV 2	1768872	35970734	89.06%	17.111%
25	31.041	4758	4759	4762	VV 2	3326	38670	0.10%	0.018%
26	31.070	4762	4764	4774	VV 6	2398	50345	0.12%	0.024%
27	34.784	5385	5396	5430	PV	1305032	28218217	69.87%	13.423%
28	35.007	5430	5434	5441	VV 6	2507	61997	0.15%	0.029%

Sum of corrected areas: 210219895

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08070.D
 Operator : Nefliu
 Acquired : 16 Apr 2002 8:02 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 27
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08070.D
Acq On : 16 Apr 2002 8:02 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

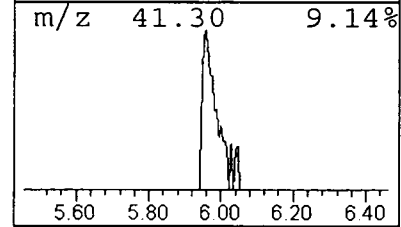
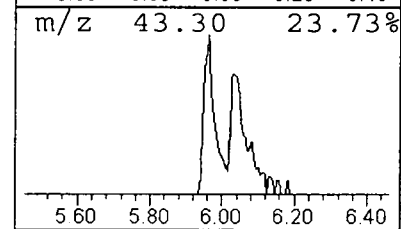
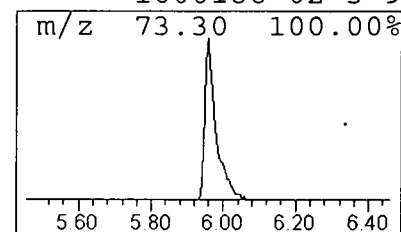
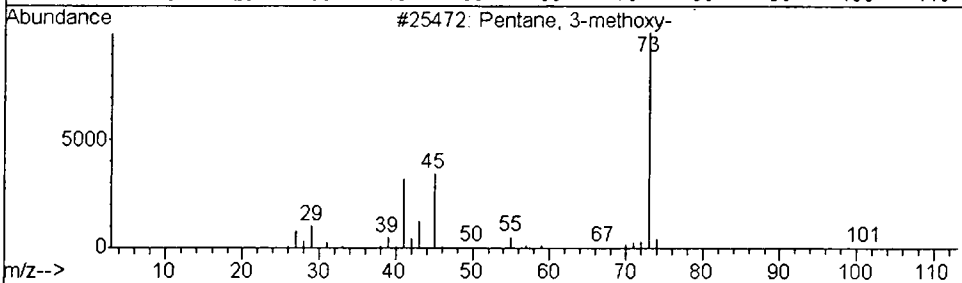
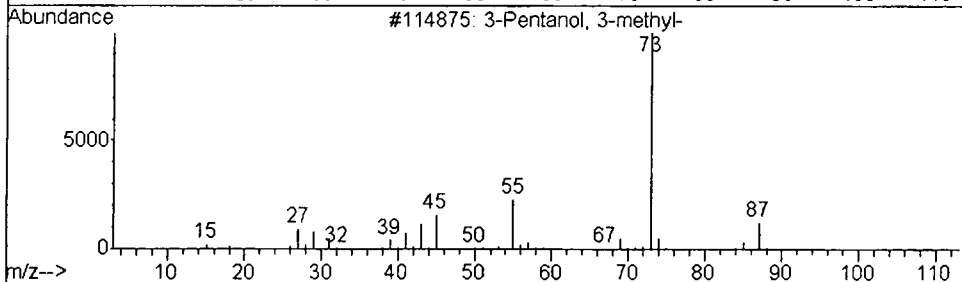
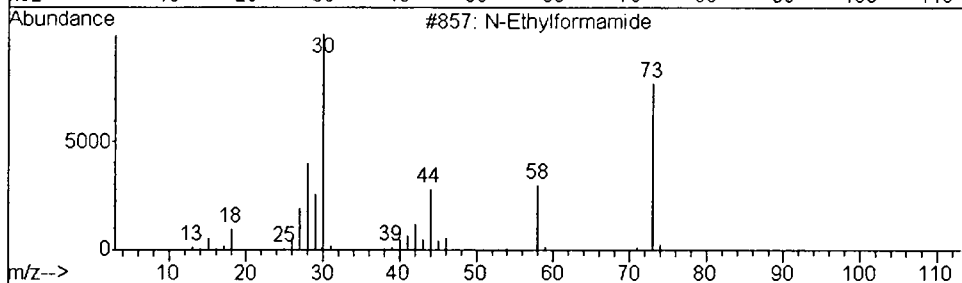
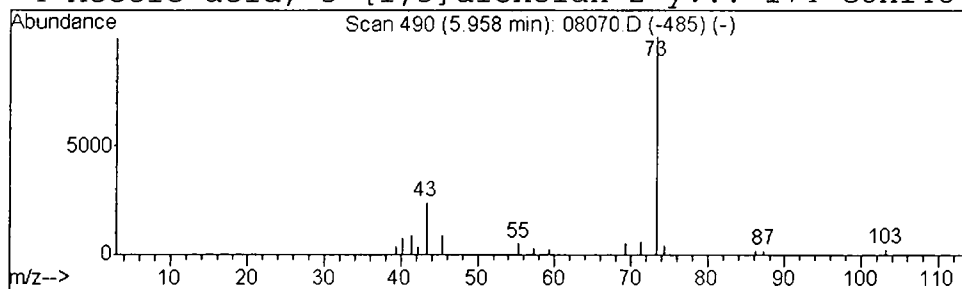
Vial: 27
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.43 ug/L	275823	1,4-Dichlorobenzene-d4	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Ethylformamide	73	C3H7NO	000627-45-2	9
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08070.D
 Acq On : 16 Apr 2002 8:02 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

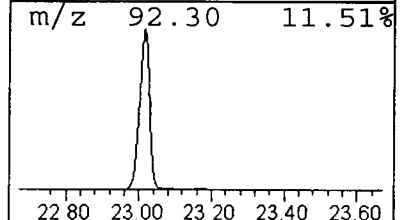
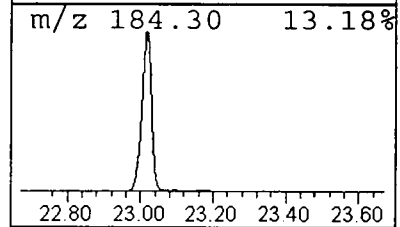
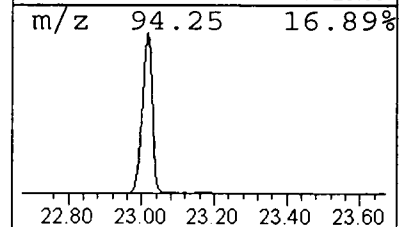
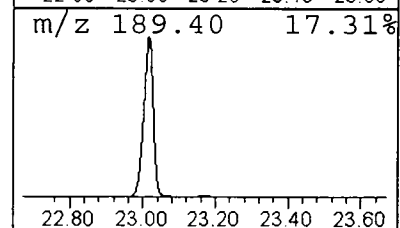
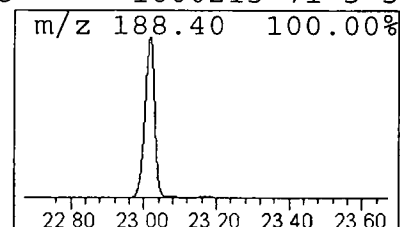
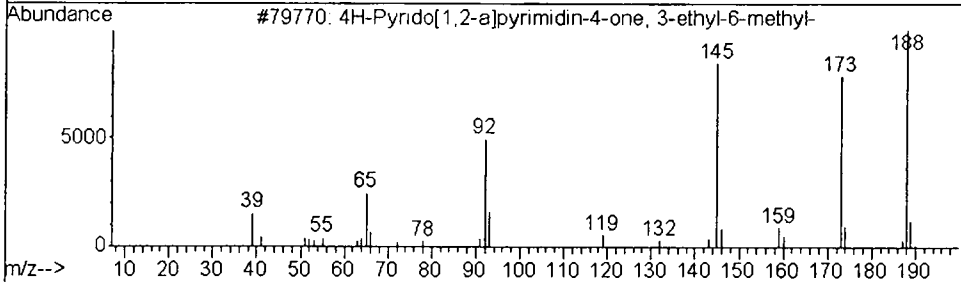
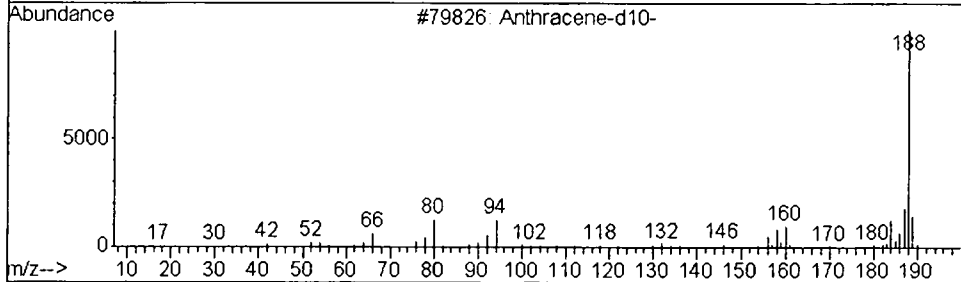
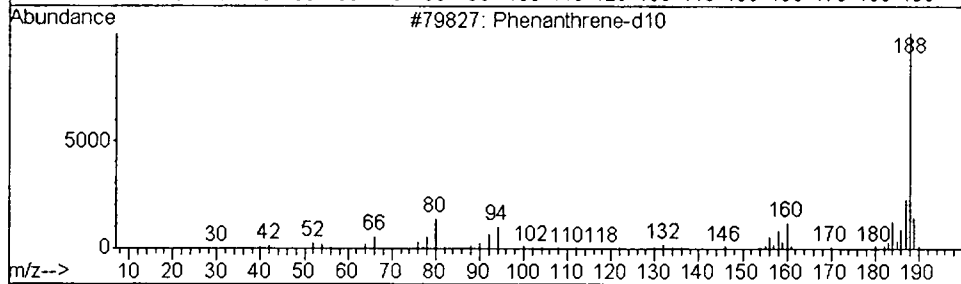
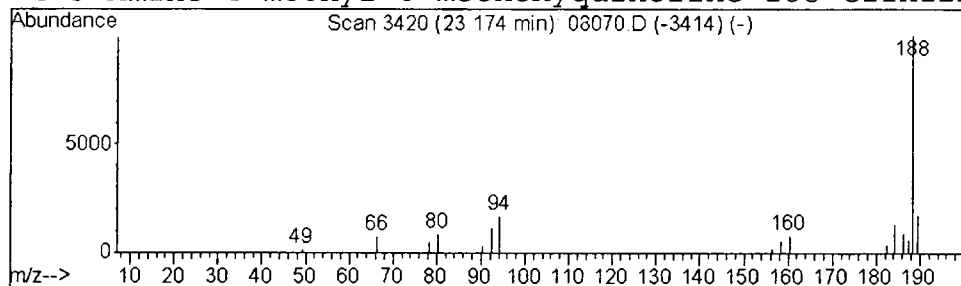
Vial: 27
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.35 ug/L	353175	Phenanthranene-d10	23.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	90	
2	Anthracene-d10-	188	C14D10	001719-06-8	80	
3	4H-Pyrido[1,2-a]pyrimidin-4-one,...	188	C11H12N2O	057773-19-0	40	
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	33	



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 8:02 am
 Data File: C:\MSDCHEM\1\DATA\020415\08070.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
N-Ethylformamide	5.96	0.4	ug/L	275823	1	9.99	25707300	40.0
✓Phenanthrene-d10	23.17	0.3	ug/L	353175	4	23.02	40388700	40.0