ser: Nefliu, Marcela
'estchester Dept. of Labs & Research
ate: 04/10/2002 Time: 15:48:27

ample: AE07510
nalysis: $B1GCMS Blank for GCMS Scan
nits: ug
tarted: 4/2/02 15:42 Ended: 4/4/02 15:42 Analyst: MN
esult source: manual entry
age: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 05 14:03:43 2002 Quant Results File: SCAN020403.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 05 14:03:06 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

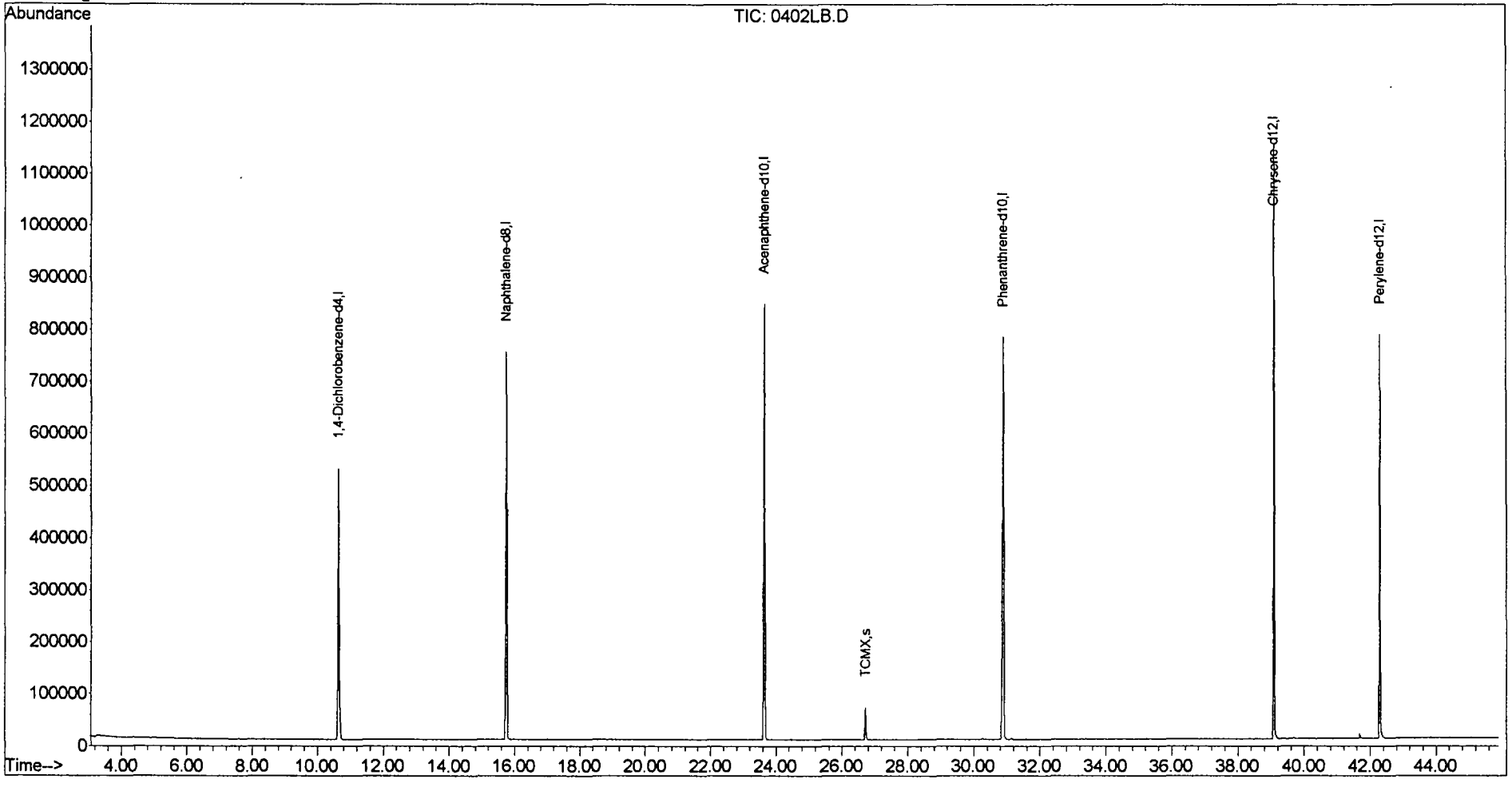
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	2618144	20.00	ug/l	-0.01
10) Naphthalene-d8	15.76	136	9607055	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5548242	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	9096339	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	7386003	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	4083590	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	26.72	207	208656	3.84	ug/l	0.00
Spiked Amount 4.000			Recovery = 96.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 5 14:04 2002 Quant Results File: SCAN020403.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 05 14:03:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

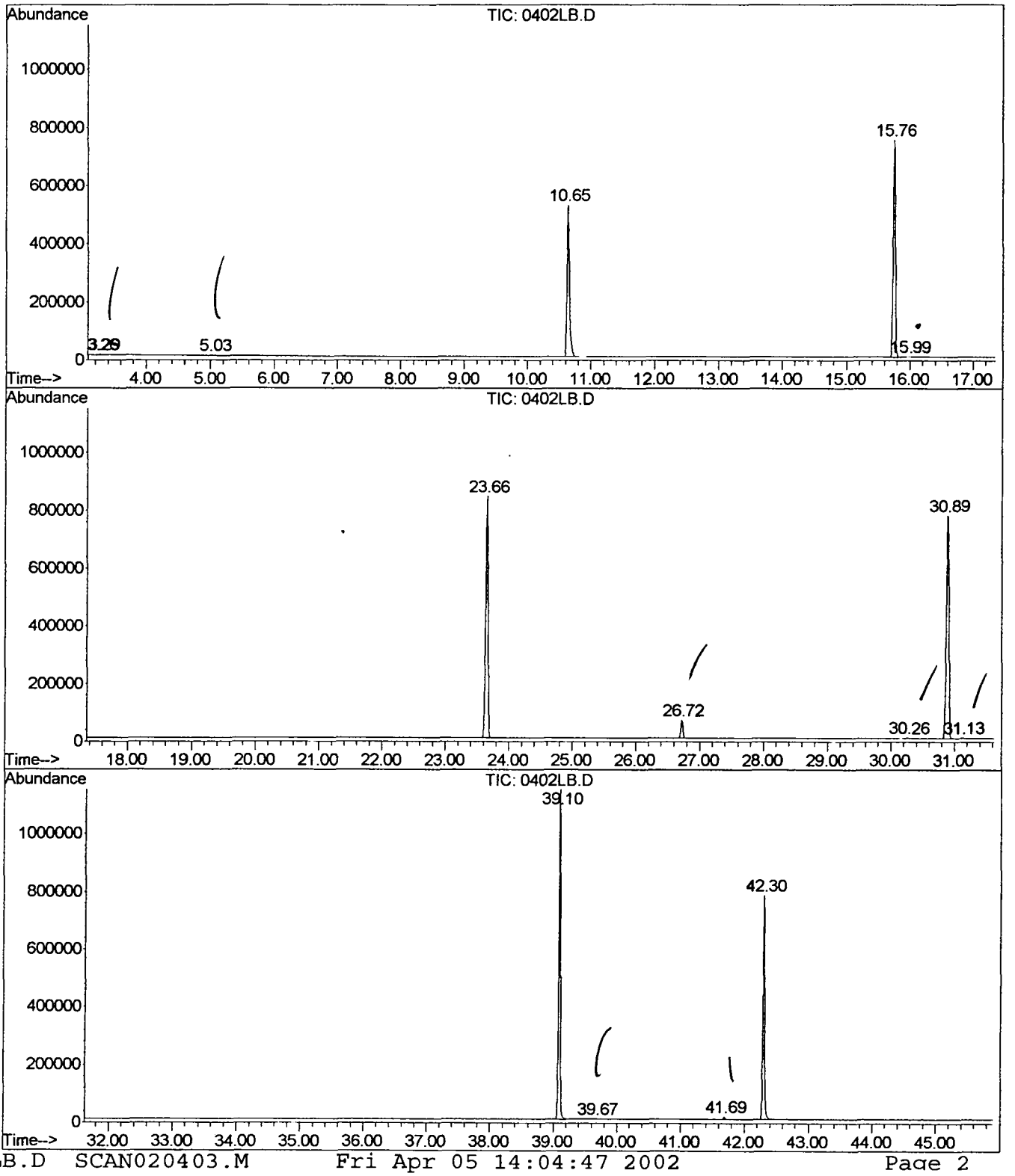
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.261	23	31	33	PV 3	3142	74337	0.33%	0.067%
2	3.285	33	35	54	VV 3	3974	220609	0.99%	0.199%
3	5.030	329	332	337	VV	1461	18806	0.08%	0.017%
4	10.647	1277	1288	1307	VV	515420	13621549	61.04%	12.264%
5	15.759	2135	2158	2179	PV	738314	18088689	81.06%	16.285%
6	15.988	2191	2197	2206	VV 2	1605	36440	0.16%	0.033%
7	23.656	3486	3502	3513	VV	829066	21421633	96.00%	19.286%
8	26.723	4016	4024	4034	PV 2	61804	1384540	6.20%	1.247%
9	30.260	4618	4626	4633	VV 2	2358	63892	0.29%	0.058%
10	30.894	4718	4734	4745	VV 2	771895	22314017	100.00%	20.089%
11	31.129	4766	4774	4782	VV 2	2174	57220	0.26%	0.052%
12	39.097	6120	6130	6152	PV 2	1144456	20473760	91.75%	18.433%
13	39.672	6221	6228	6233	PV 2	1892	31365	0.14%	0.028%
14	41.688	6566	6571	6576	VV 3	8448	133920	0.60%	0.121%
15	42.299	6664	6675	6695	PV	751507	13132782	58.85%	11.823%

Sum of corrected areas: 111073558

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\0402LB.D
Operator : Nefliu
Acquired : 4 Apr 2002 9:47 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 04/02 lab blk
Misc Info :
Vial Number: 3
Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

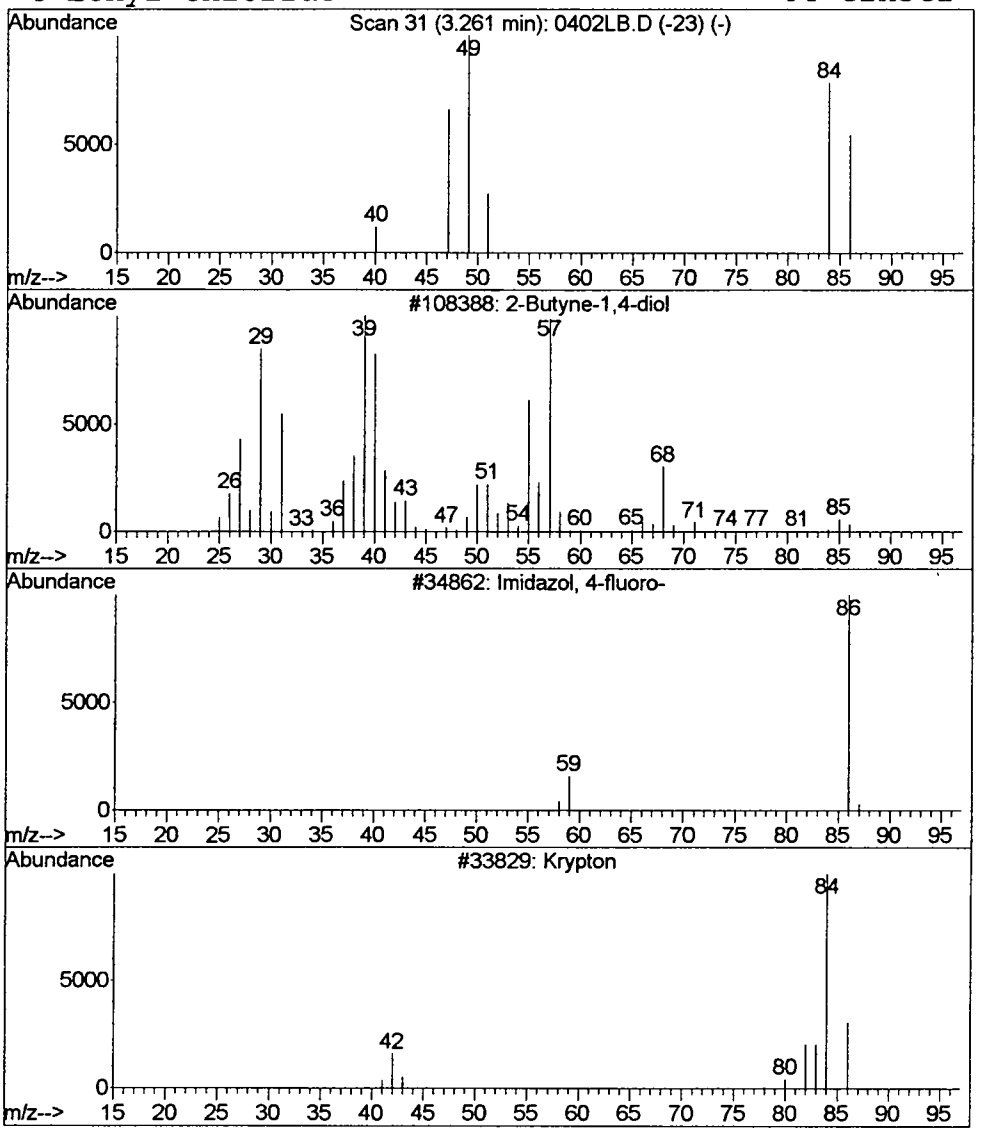
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

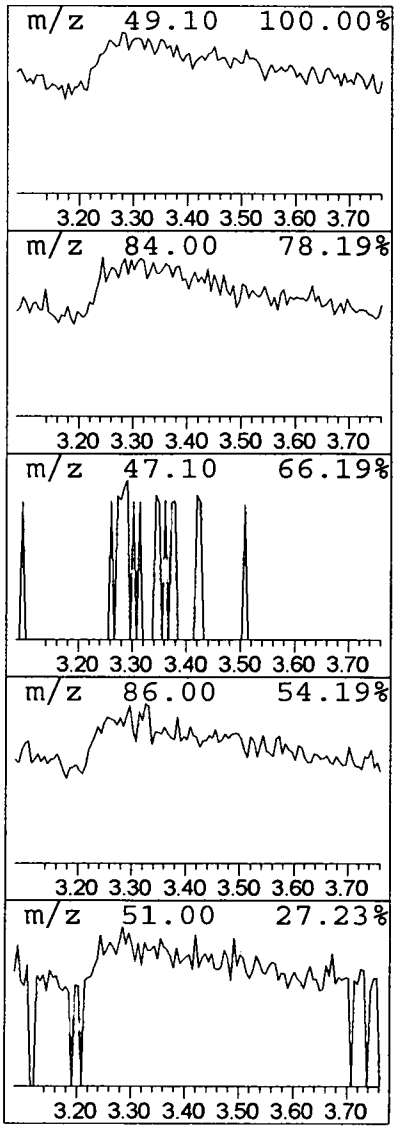
****

Peak Number 1 2-Butyne-1,4-diol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	0.11 ug/l	74337	1,4-Dichlorobenzene-d4	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
3	Krypton	84	Kr	007439-90-9	2
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

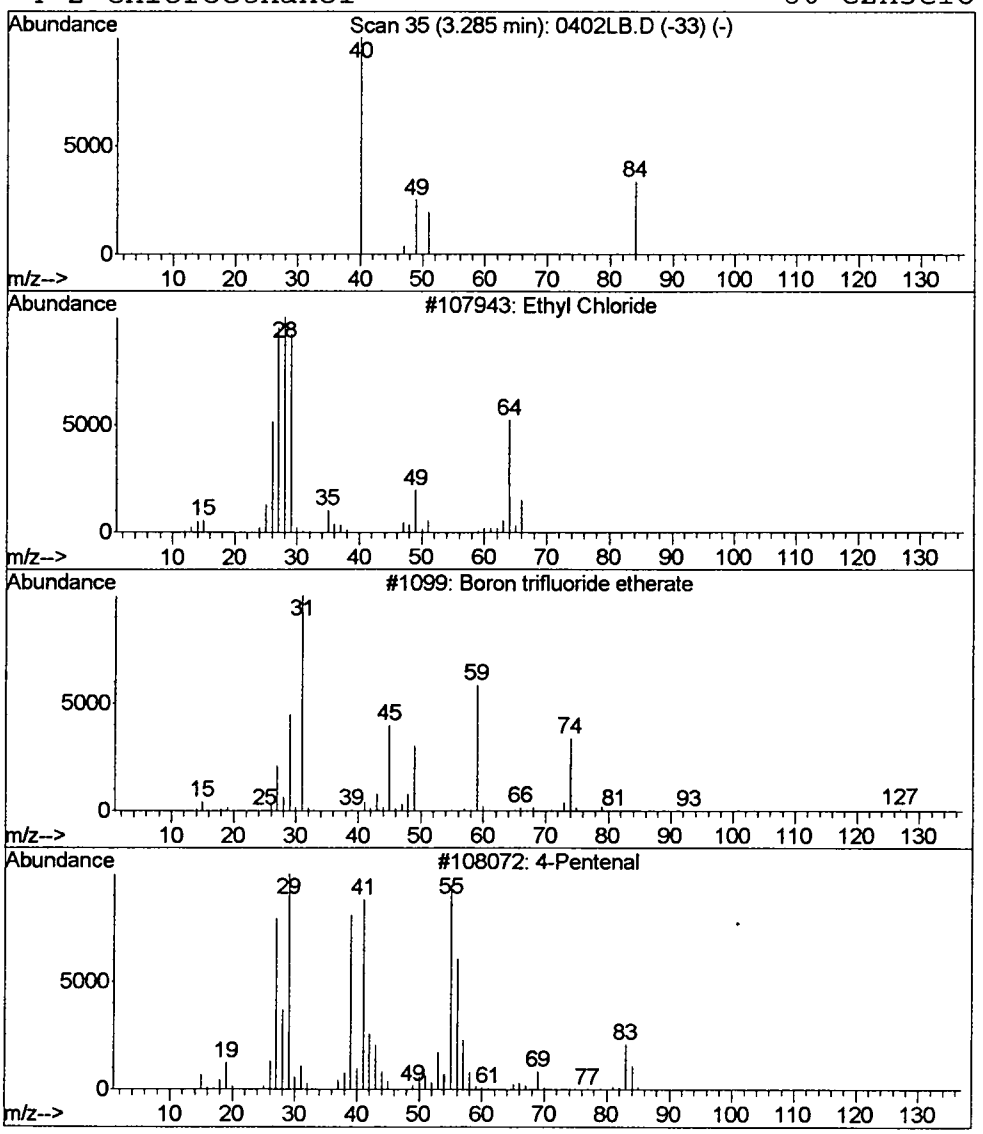
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

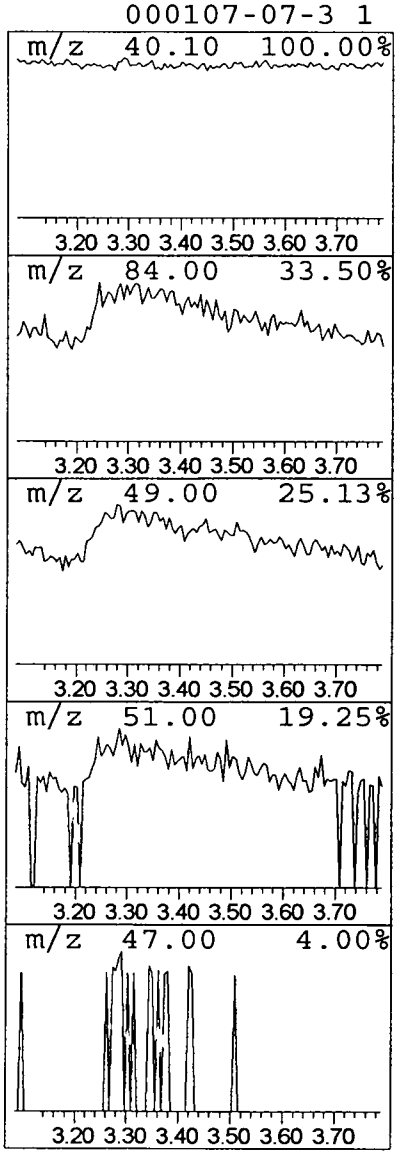
****

Peak Number 2 Ethyl Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.32 ug/l	220609	1,4-Dichlorobenzene-d4	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
2	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	1
3	4-Pentenal	84	C5H8O	002100-17-6	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\0402LB.D Vial: 3
Acq On : 4 Apr 2002 9:47 am Operator: Nefliu
Sample : 04/02 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

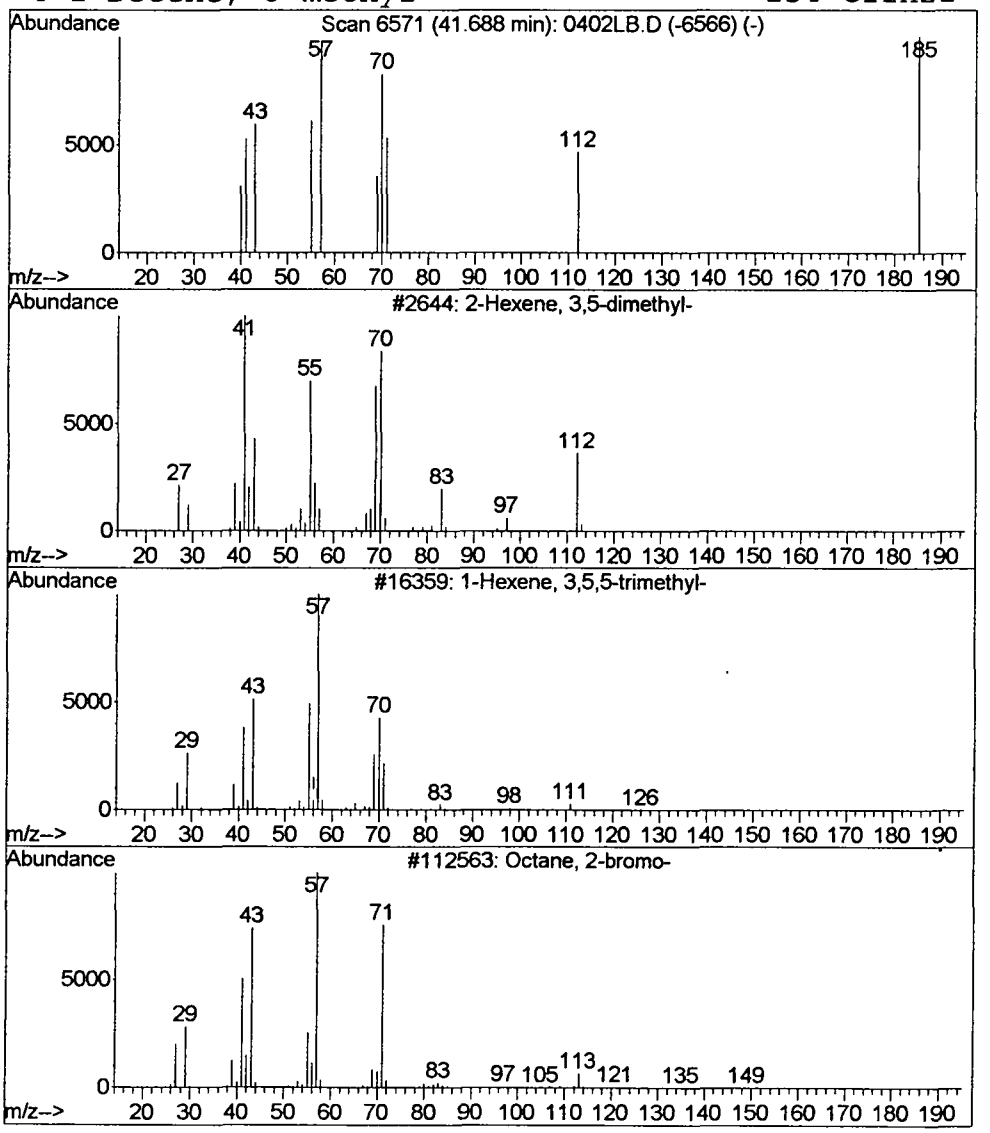
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

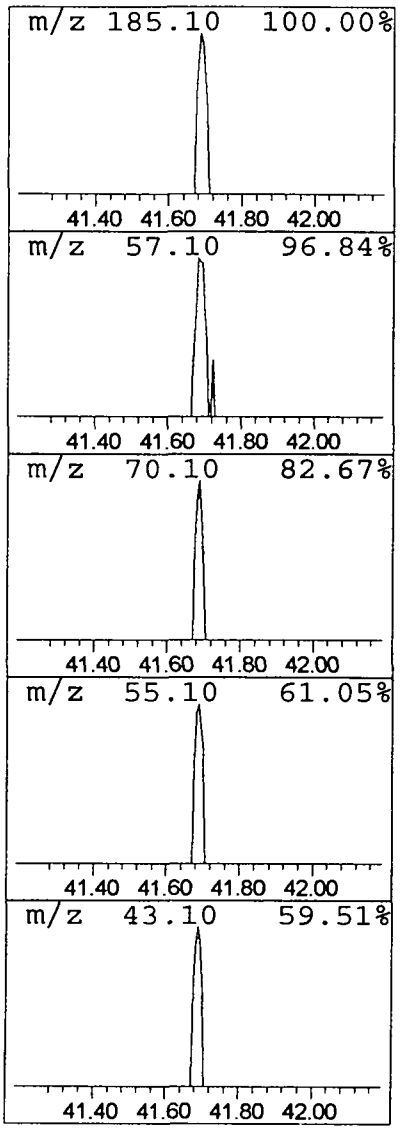
****

Peak Number 3 2-Hexene, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.69	0.20 ug/l	133920	Perylene-d12	42.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	9
2	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	9
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	9
4	1-Decene, 8-methyl-	154	C11H22	061142-79-8	9





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 9:47 am
Data File: C:\MSDCHEM\1\DATA\020404\0402LB.D
Name: 04/02 lab blk
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2-Butyne-1,4-diol	3.26	0.1	ug/l	74337	1	10.65	13621500	20.0
Ethyl Chloride	3.29	0.3	ug/l	220609	1	10.65	13621500	20.0
2-Hexene, 3,5-dim...	41.69	0.2	ug/l	133920	6	42.30	13132800	20.0