User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 10:22:53

Sample: AE00328
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 10:21 Ended: 1/18/02 10:21 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AE00328 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 10:22:43

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 above its acceptance range.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 11 10:18:49 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Jan 10 11:01:02 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

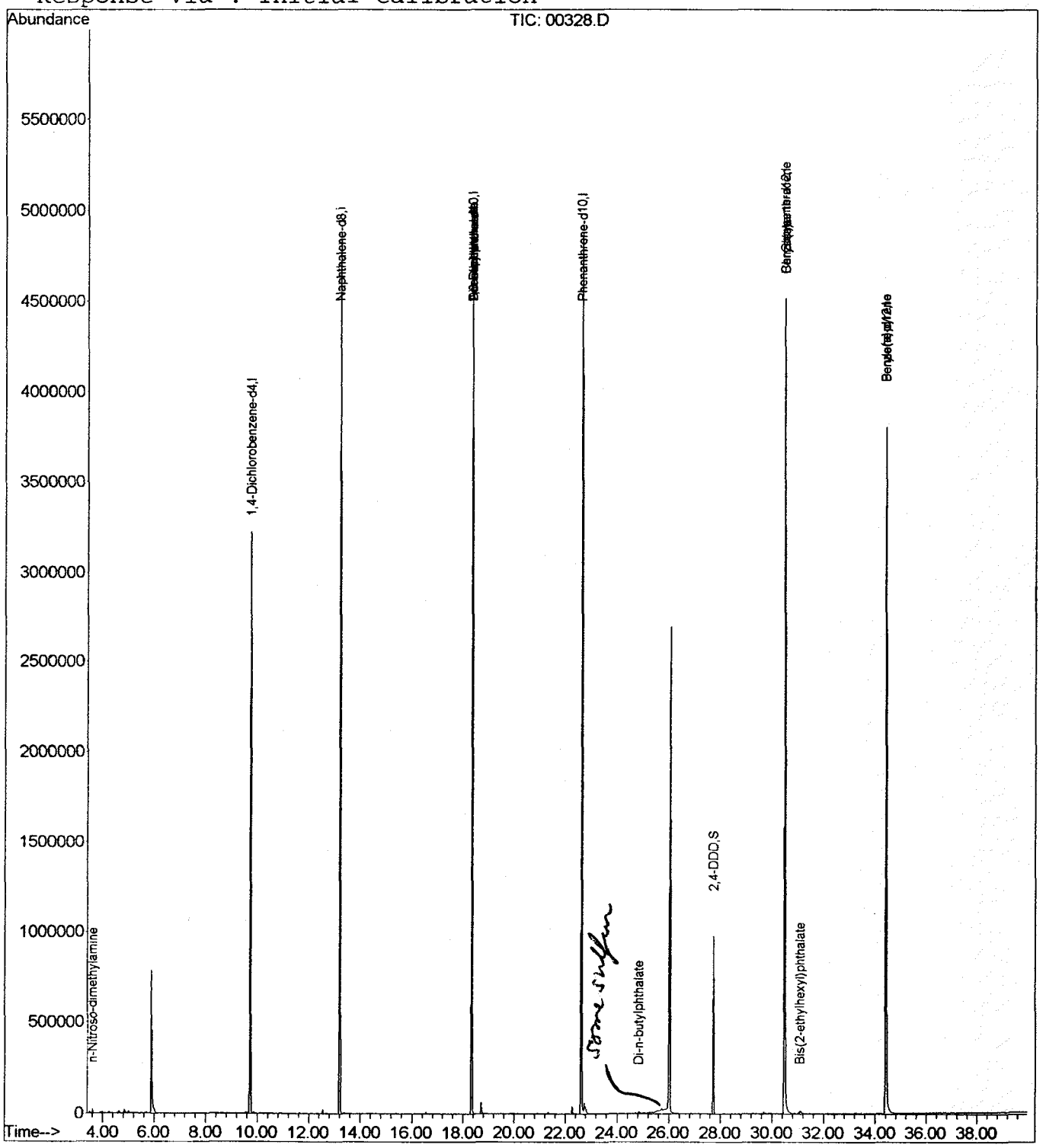
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1134527	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4750404	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2427563	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	4150297	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3813314	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2824461	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	366200	5.58	ug/L	0.00
Spiked Amount 5.000			Recovery =	111.60%		
Target Compounds						Qvalue
2) n-Nitroso-dimethylamine	3.61	74	9269	0.19	ug/L #	14
20) Dimethylphthalate	18.34	163	392563	2.45	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	310574	9.93	ug/L #	17
35) Di-n-butylphthalate	24.85	149	12974	0.05	ug/L	92
41) Benzo(a)anthracene	30.50	228	8882	0.04	ug/L #	70
42) Bis(2-ethylhexyl)phthalate	31.11	149	16693	0.64	ug/L	90
43) Chrysene	30.50	228	8882	0.04	ug/L #	68
48) Benzo(a)pyrene	34.42	252	9807	0.05	ug/L #	1

(#) = qualifier out of range (m) = manual integration
00328.D SCAN508.M Fri Jan 11 10:18:49 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 11 10:18 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Thu Jan 10 11:01:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

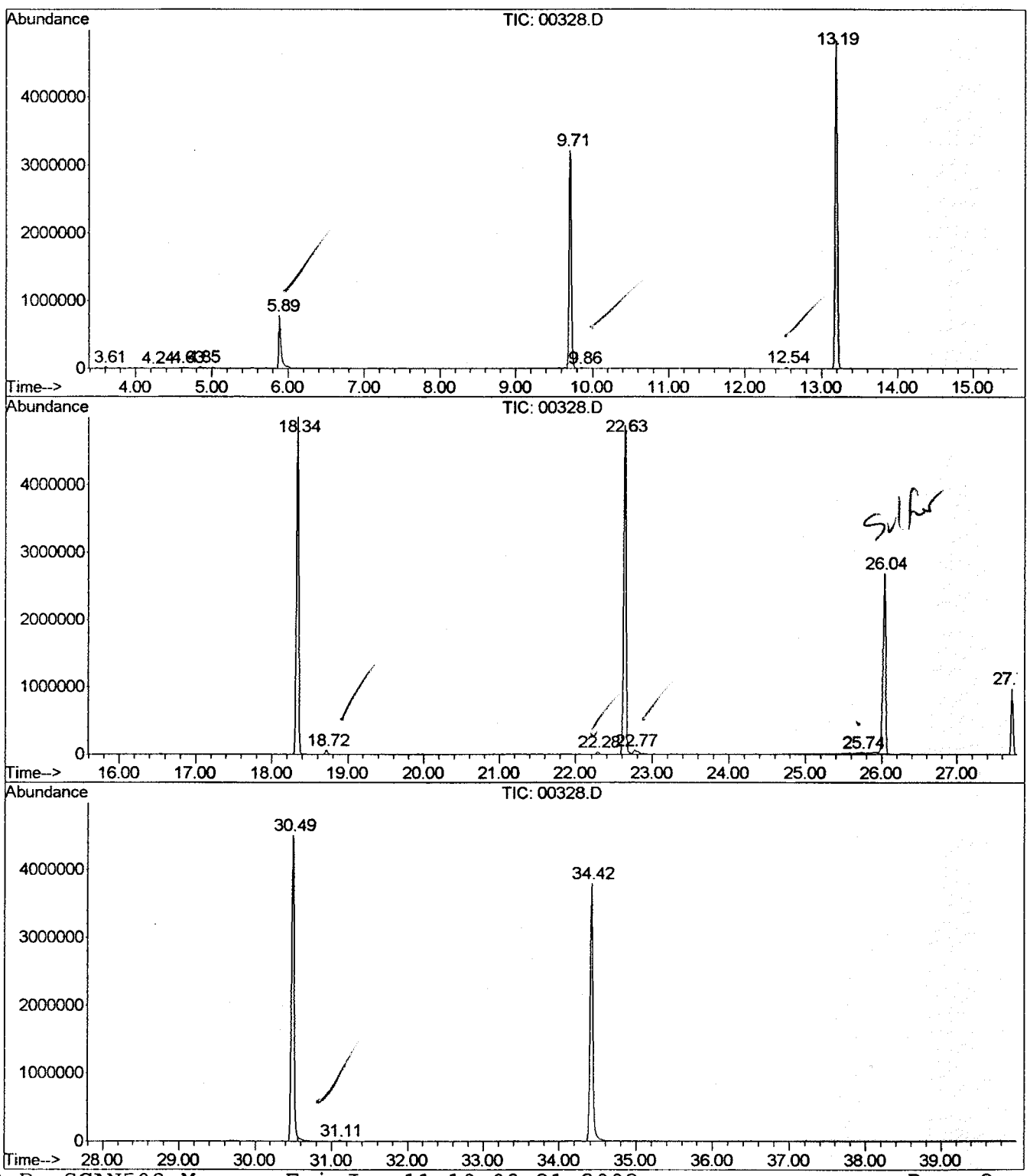
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	17	21	25	rVV	22380	38397	0.34%	0.057%
2	4.241	73	76	85	rVB5	11470	29836	0.27%	0.044%
3	4.630	101	110	117	rBV	14534	36600	0.33%	0.054%
4	4.847	123	129	137	rBV2	19962	53766	0.48%	0.079%
5	5.886	217	220	243	rVV	781941	1575591	14.02%	2.325%
6	9.710	551	555	561	rVV	3222129	6437745	57.27%	9.498%
7	9.859	561	568	577	rVB	8716	30783	0.27%	0.045%
8	12.542	799	803	809	rVB	23540	38345	0.34%	0.057%
9	13.192	855	860	865	rBV	4837661	9112262	81.06%	13.444%
10	18.341	1305	1311	1315	rBV	4997903	9823219	87.39%	14.493%
11	18.718	1339	1344	1349	rBV	63241	133065	1.18%	0.196%
12	22.280	1651	1656	1661	rBV	41085	77200	0.69%	0.114%
13	22.634	1681	1687	1693	rVV2	4878660	10970346	97.59%	16.185%
14	22.771	1693	1699	1715	rVV2	62073	283171	2.52%	0.418%
15	25.740	1955	1959	1963	rBV2	12272	30578	0.27%	0.045%
16	26.036	1977	1985	1991	rVB	2684470	6462769	57.49%	9.535%
17	27.726	2127	2133	2139	rBV	976029	1752074	15.59%	2.585%
18	30.489	2369	2375	2381	rBV	4516820	11240814	100.00%	16.584%
19	31.105	2425	2429	2437	rVV2	16962	66367	0.59%	0.098%
20	34.416	2713	2719	2739	rBV	3798279	9587705	85.29%	14.145%

Sum of corrected areas: 67780633

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN10\00328.D
Operator :
Acquired : 10 Jan 2002 2:49 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan ext 1/8
Misc Info : January 10, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

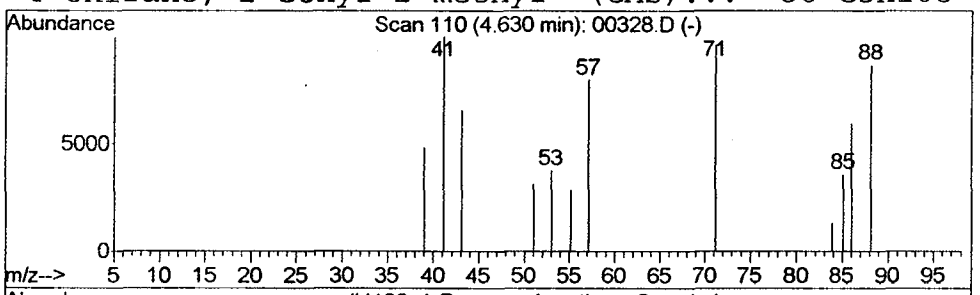
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

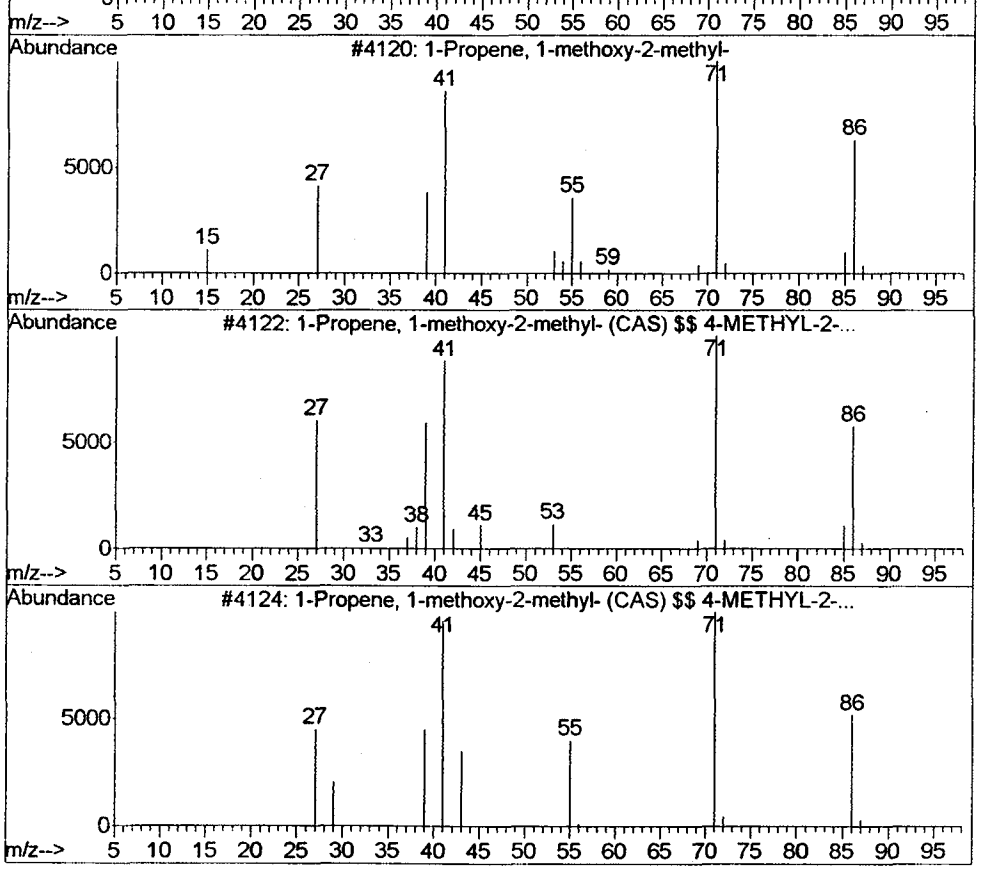
****

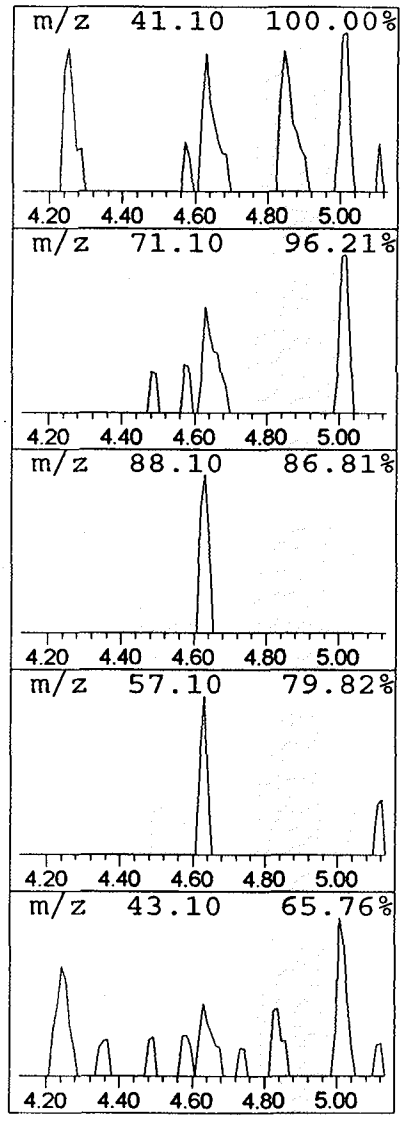
Peak Number 1 1-Propene, 1-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.11 ug/L	36600	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	25
2	1-Propene, 1-methoxy-2-methyl- (...	86	C5H10O	017574-84-4	25
3	1-Propene, 1-methoxy-2-methyl- (...	86	C5H10O	017574-84-4	12
4	Oxirane, 2-ethyl-2-methyl- (CAS)...	86	C5H10O	030095-63-7	9







Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

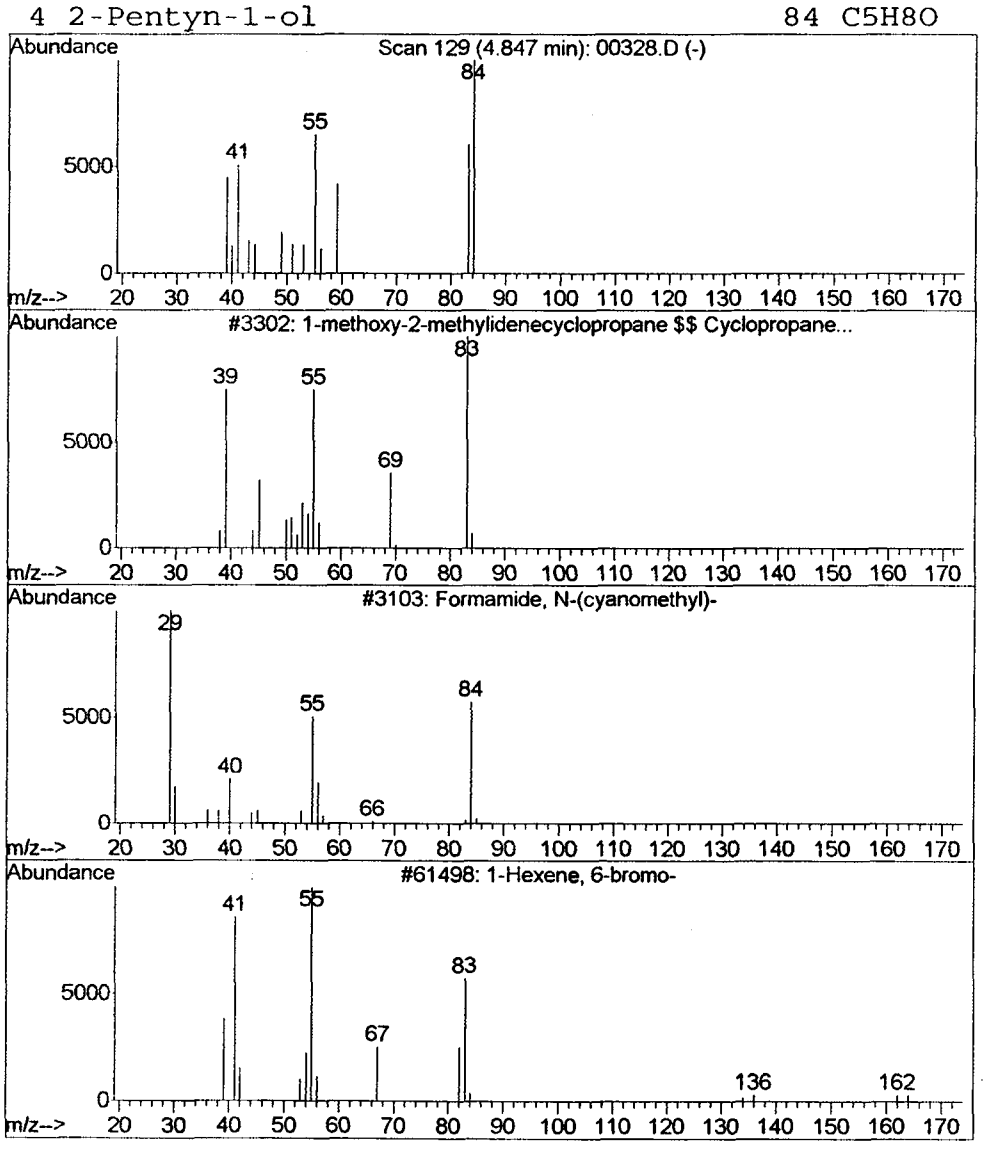
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

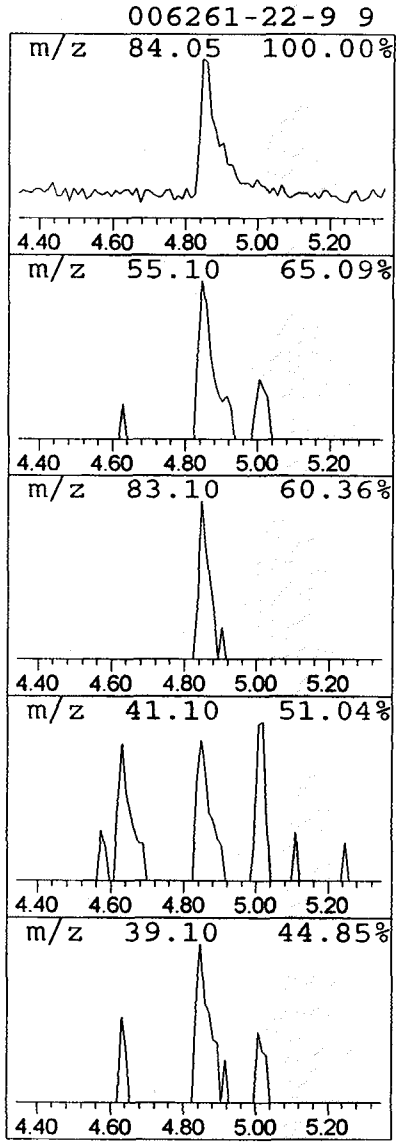
****

Peak Number 2 1-methoxy-2-methylidenecycl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.17 ug/L	53766	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methoxy-2-methylidenecycloprop...	84	C5H8O	019750-15-3	22
2	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	9
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	9
4	2-Pentyn-1-ol	84	C5H8O	006261-22-9	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

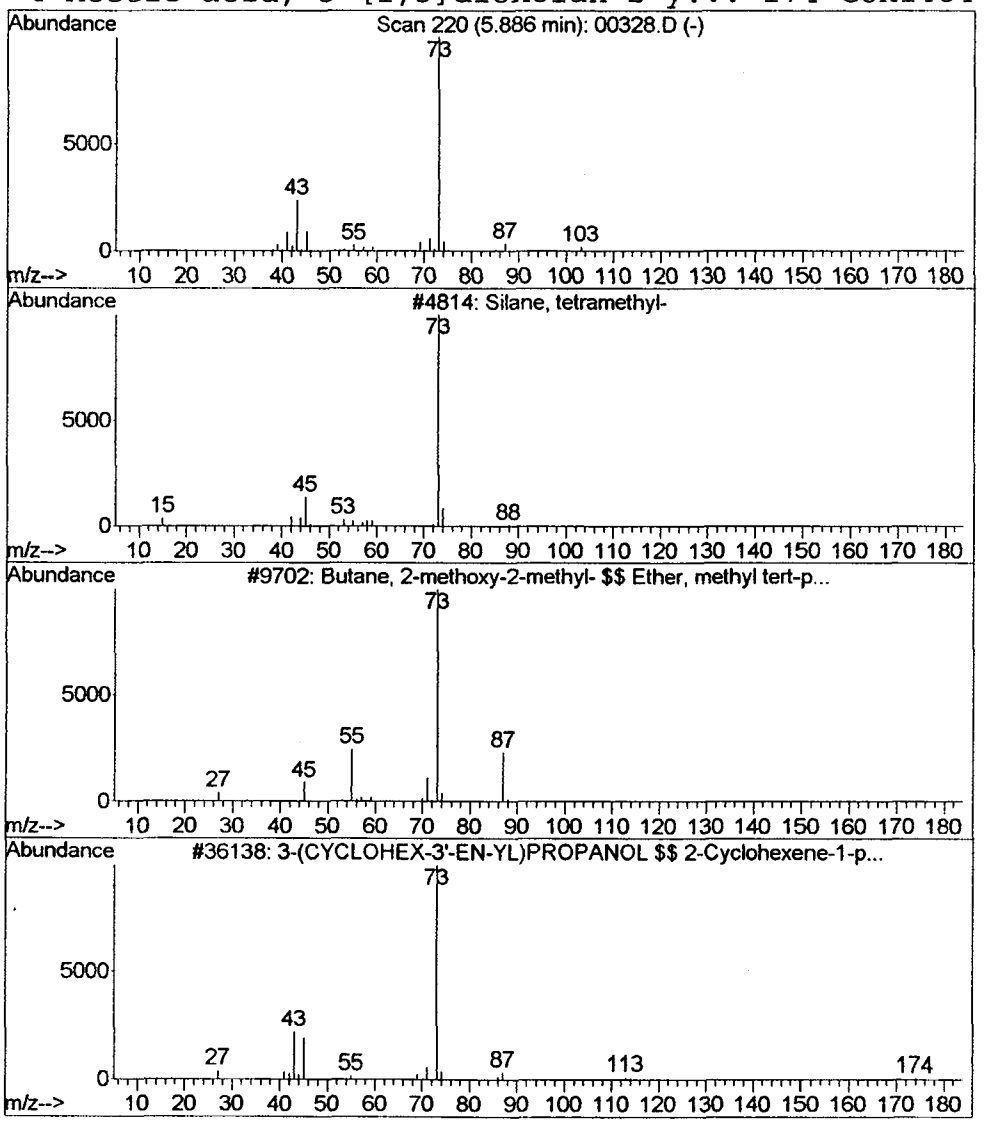
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

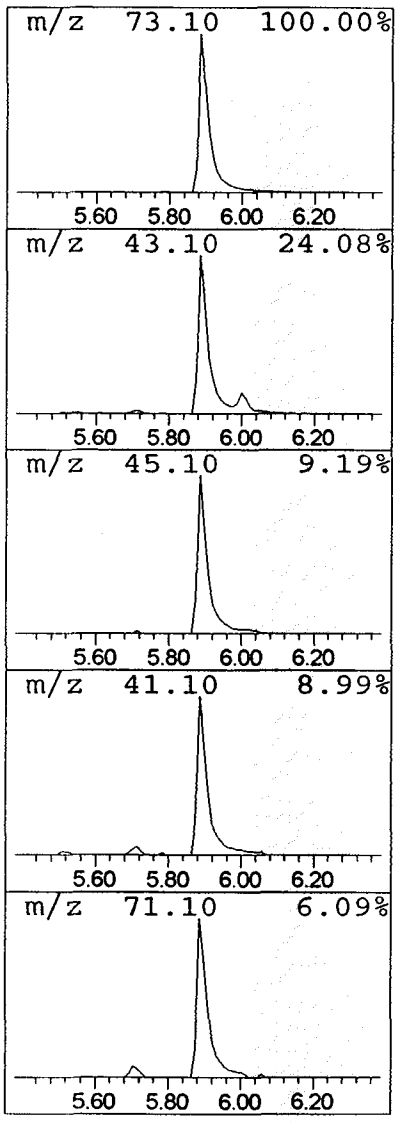
****

Peak Number 3 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.89 ug/L	1575590	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

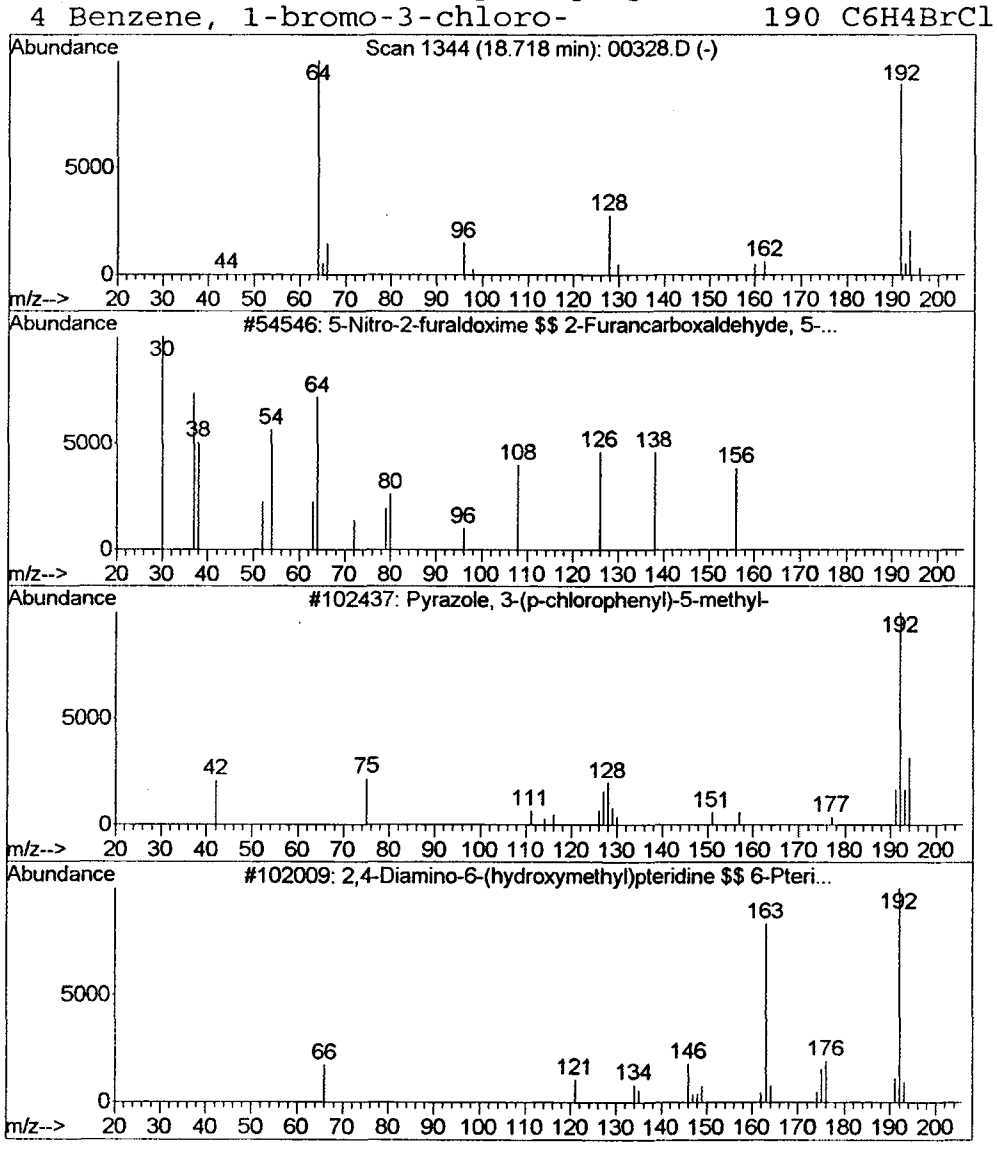
****

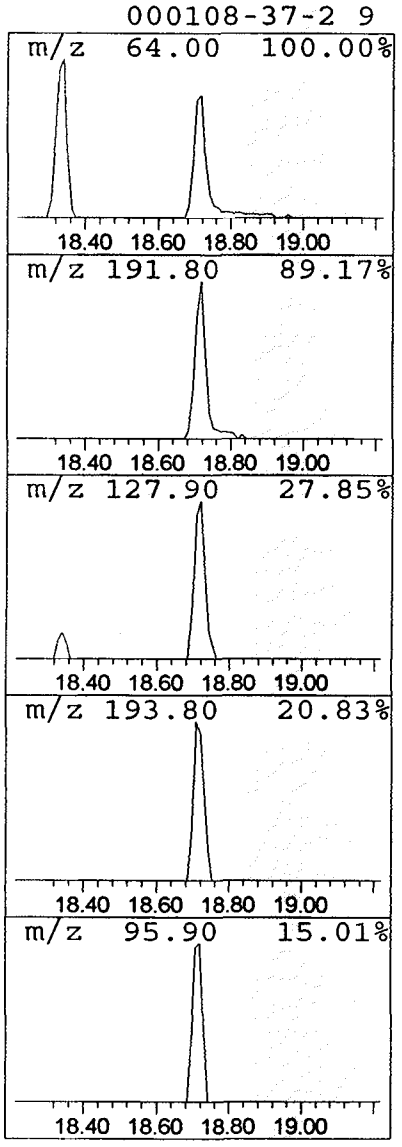
Peak Number 4 5-Nitro-2-furaldoxime $$ 2-... Concentration Rank 4

BAD Q VALUE, NO GOOD MATCH

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	0.27 ug/L	133065	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nitro-2-furaldoxime $$ 2-Furan...	156	C5H4N2O4	000555-15-7	42
2	Pyrazole, 3-(p-chlorophenyl)-5-m...	192	C10H9ClN2	017629-27-5	9
3	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	9
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

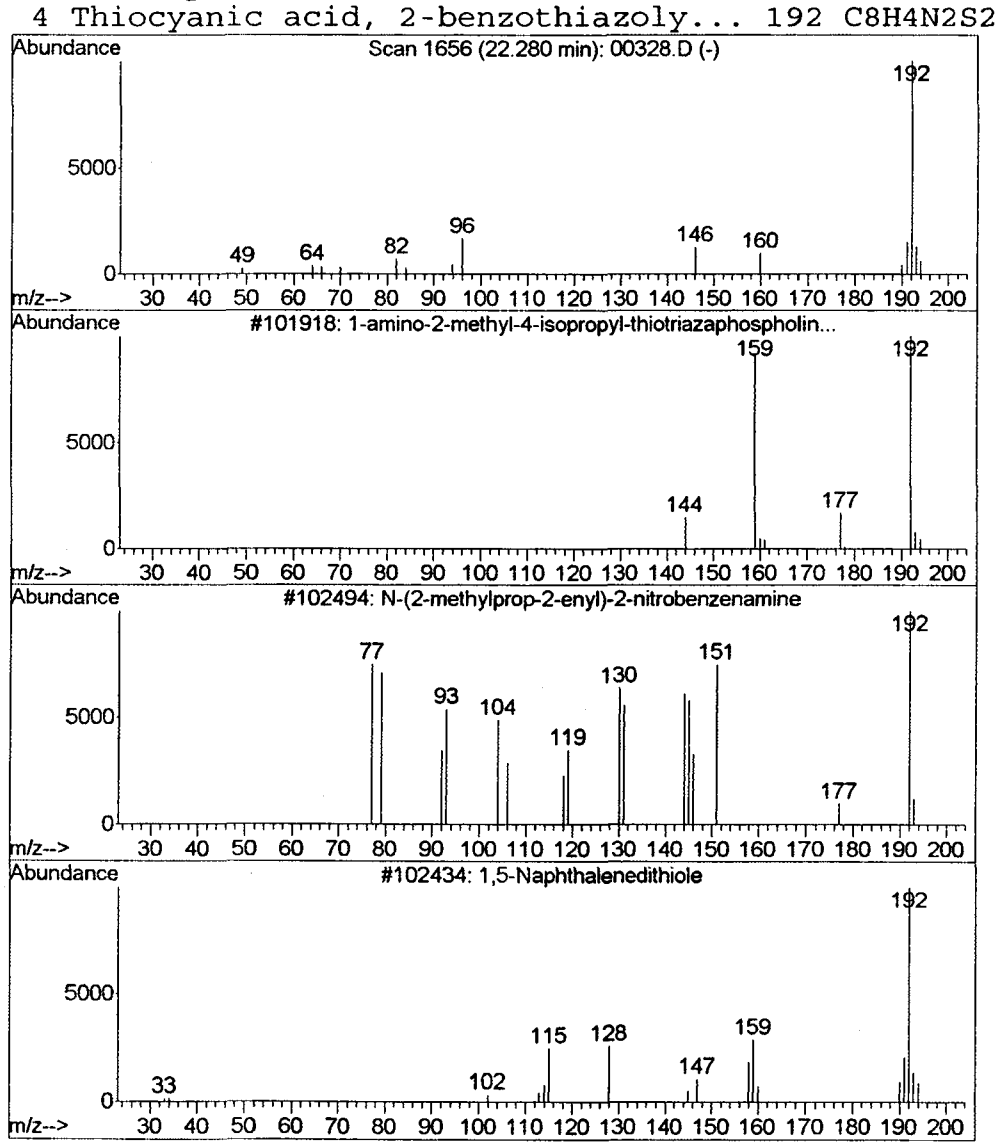
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

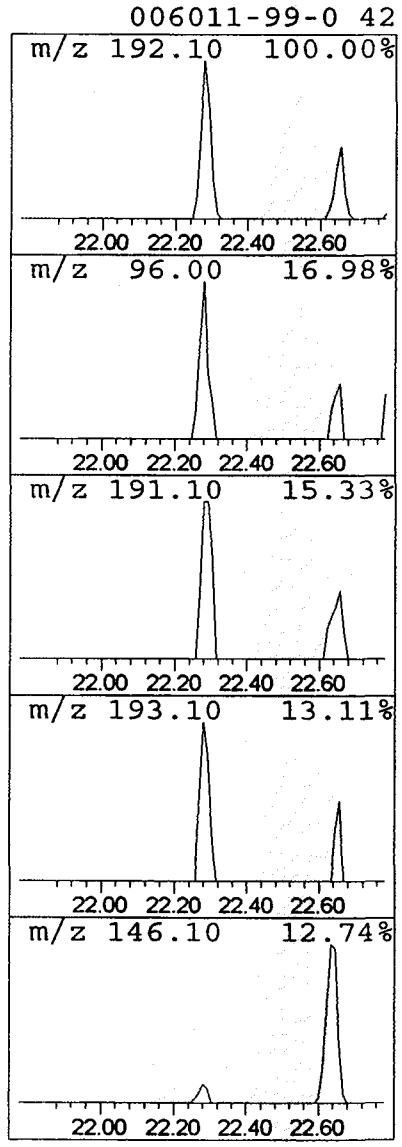
****

Peak Number 5 1-amino-2-methyl-4-isopropy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	77200	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
2	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47
3	1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	45
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

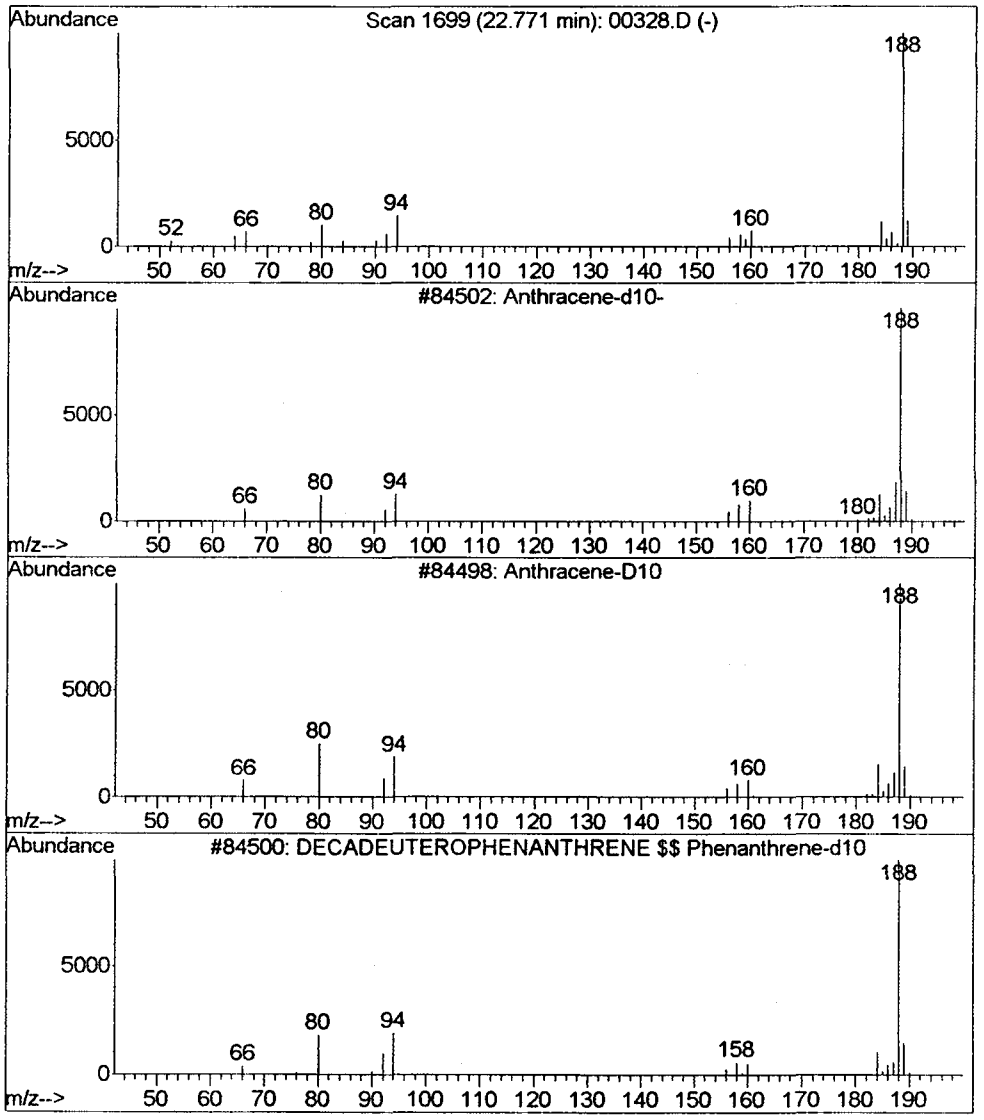
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

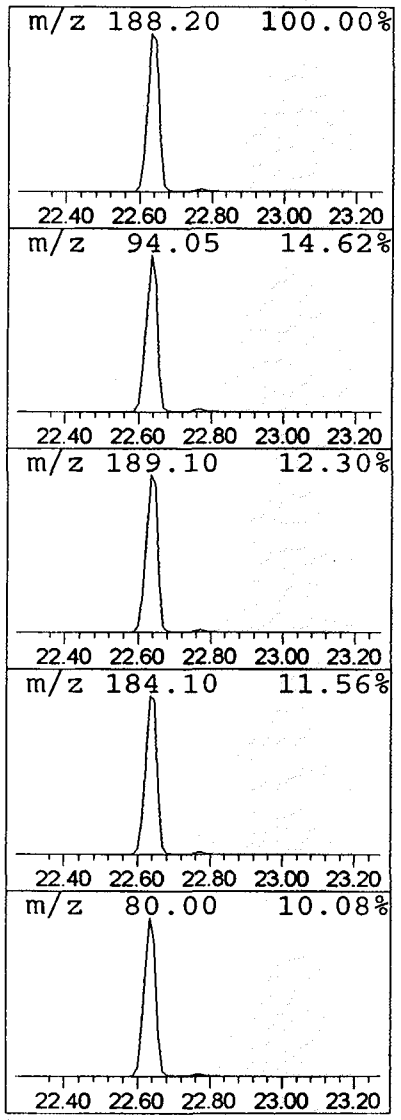
****

Peak Number 6 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.52 ug/L	283171	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	95
2	Anthracene-D10	188	C14D10	000000-00-0	91
3	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
4	Phenanthrene-d10	188	C14D10	001517-22-2	90





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00328.D Vial: 1
Acq On : 10 Jan 2002 2:49 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

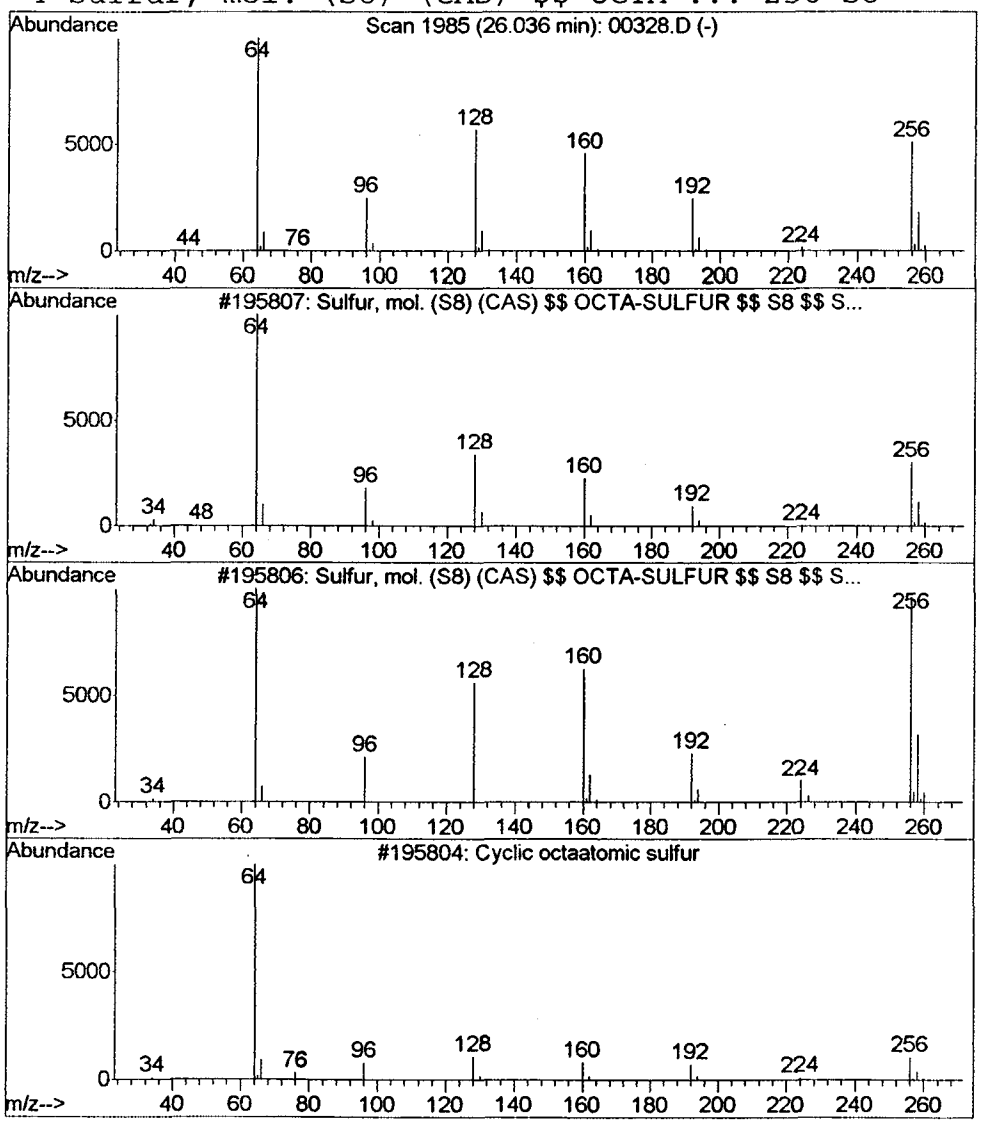
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

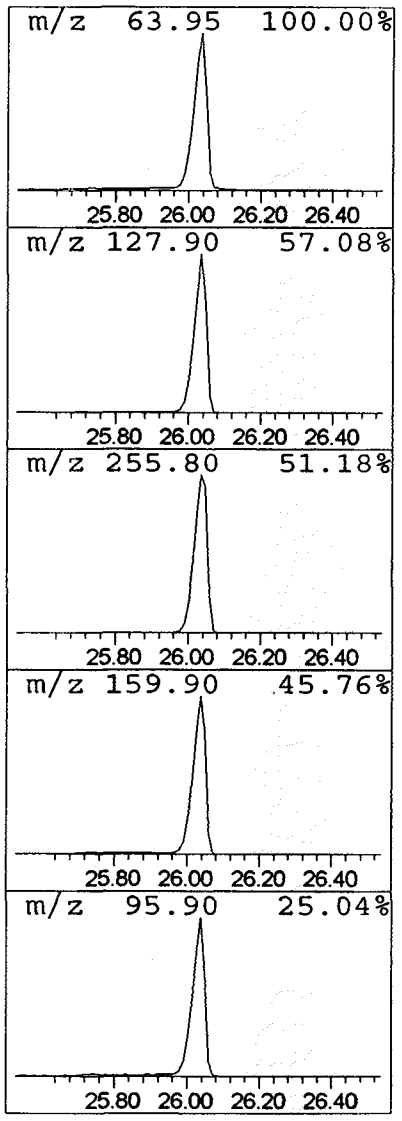
****

Peak Number 7 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	11.78 ug/L	6462770	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	96
2	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	95
3	Cyclic octaatomic sulfur	256	S8	010544-50-0	91
4	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	91





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 Jan 2002 2:49 pm
Data File: C:\MSDCHEM\1\5973N\02JAN10\00328.D
Name: 508 scan ext 1/8
Misc: January 10, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
1-Propene, 1-meth...	4.63	0.1	ug/L	36600	1	9.72	6437750	20.0
1-methoxy-2-methy...	4.85	0.2	ug/L	53766	1	9.72	6437750	20.0
Silane, tetramethyl-	5.89	4.9	ug/L	1575590	1	9.72	6437750	20.0
5-Nitro-2-furaldo...	18.72	0.3	ug/L	133065	3	18.34	9823220	20.0
1-amino-2-methyl ...	22.28	0.1	ug/L	77200	4	22.63	10970300	20.0
Anthracene-d10-	22.77	0.5	ug/L	283171	4	22.63	10970300	20.0
Sulfur, mol. (S8)...	26.04	11.8	ug/L	6462770	4	22.63	10970300	20.0