User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 11:44:16

Sample: AE00469
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 11:44 Ended: 1/24/02 11:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AE00469 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 11:45:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 31 of the 43 compounds in the LCS Standard were above their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range. This sample is the Field Blank.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:32:40 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 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	1361927	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5730501	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2886849	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4583095	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	3784574	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	2689421	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	208745	2.88	ug/L	0.00
Spiked Amount 5.000			Recovery = 57.60%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.61	74	10642	0.18	ug/L #	14
20) Dimethylphthalate	18.34	163	462681	2.43	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	368681	9.91	ug/L #	17
25) Diethylphthalate	20.00	149	16573	0.09	ug/L	95
35) Di-n-butylphthalate	24.85	149	50797	0.17	ug/L	99
40) Butylbenzylphthalate	29.24	149	11819	0.09	ug/L	97
41) Benzo(a)anthracene	30.47	228	34299	0.15	ug/L	93
42) Bis(2-ethylhexyl)phthalate	31.11	149	24454	0.68	ug/L	99
43) Chrysene	30.56	228	61803	0.28	ug/L	97
45) Di-n-octylphthalate	32.82	149	14208	0.06	ug/L	95
46) Benzo(b)fluoranthene	33.45	252	21194	0.10	ug/L	92
47) Benzo(k)fluoranthene	33.50	252	37110	0.18	ug/L	95
48) Benzo(a)pyrene	34.42	252	18016	0.10	ug/L #	1
49) Indeno(1,2,3-cd)pyrene	37.01	276	5874	0.04	ug/L #	93
50) Dibenz(a,h)anthracene	37.10	278	6664	0.05	ug/L #	53
51) Benzo(g,h,i)perylene	37.72	276	10416	0.08	ug/L #	71

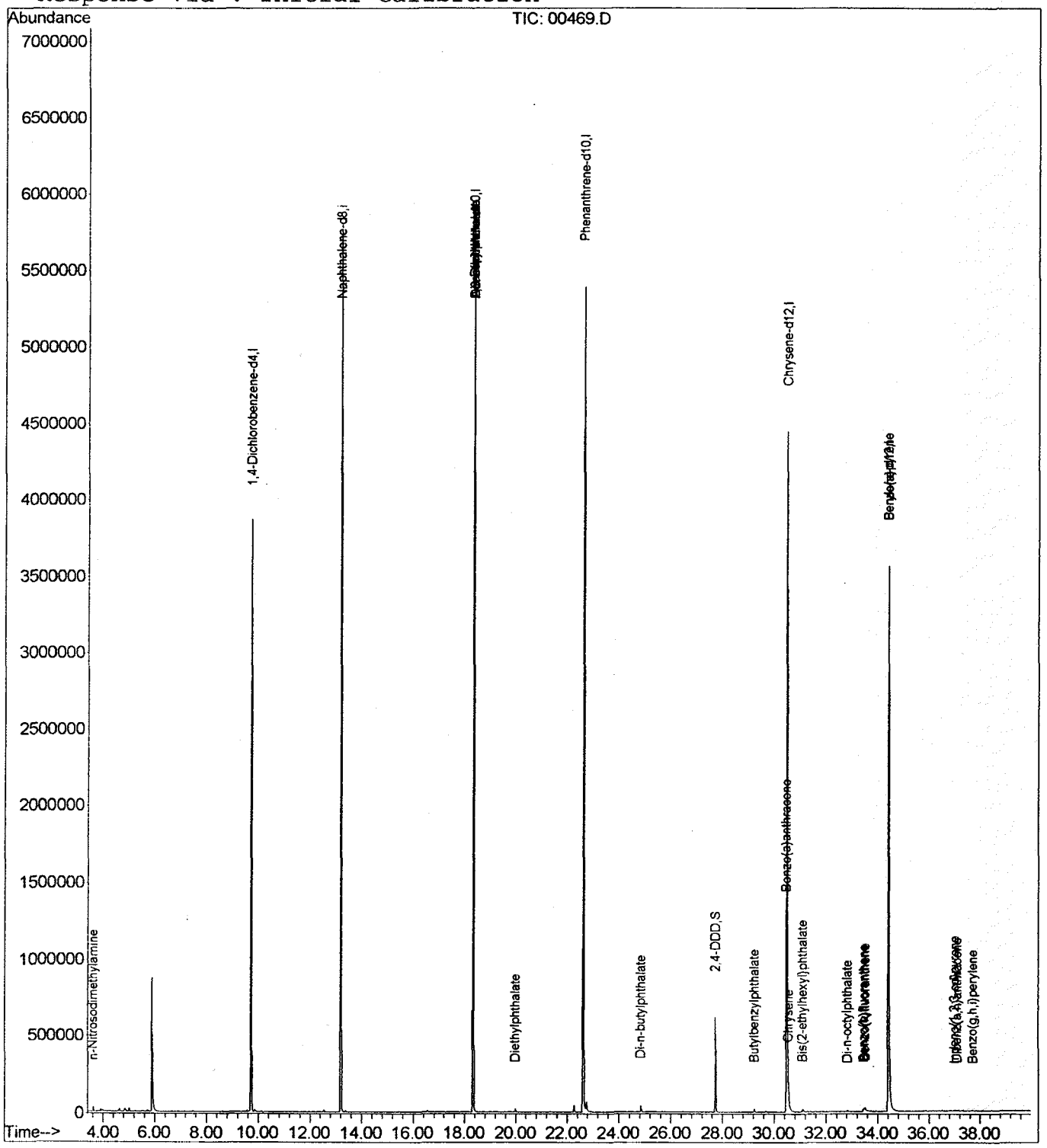
IN Std

(#) = qualifier out of range (m) = manual integration
00469.D SCAN508.M Mon Jan 14 10:32:41 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 14 10:32 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 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

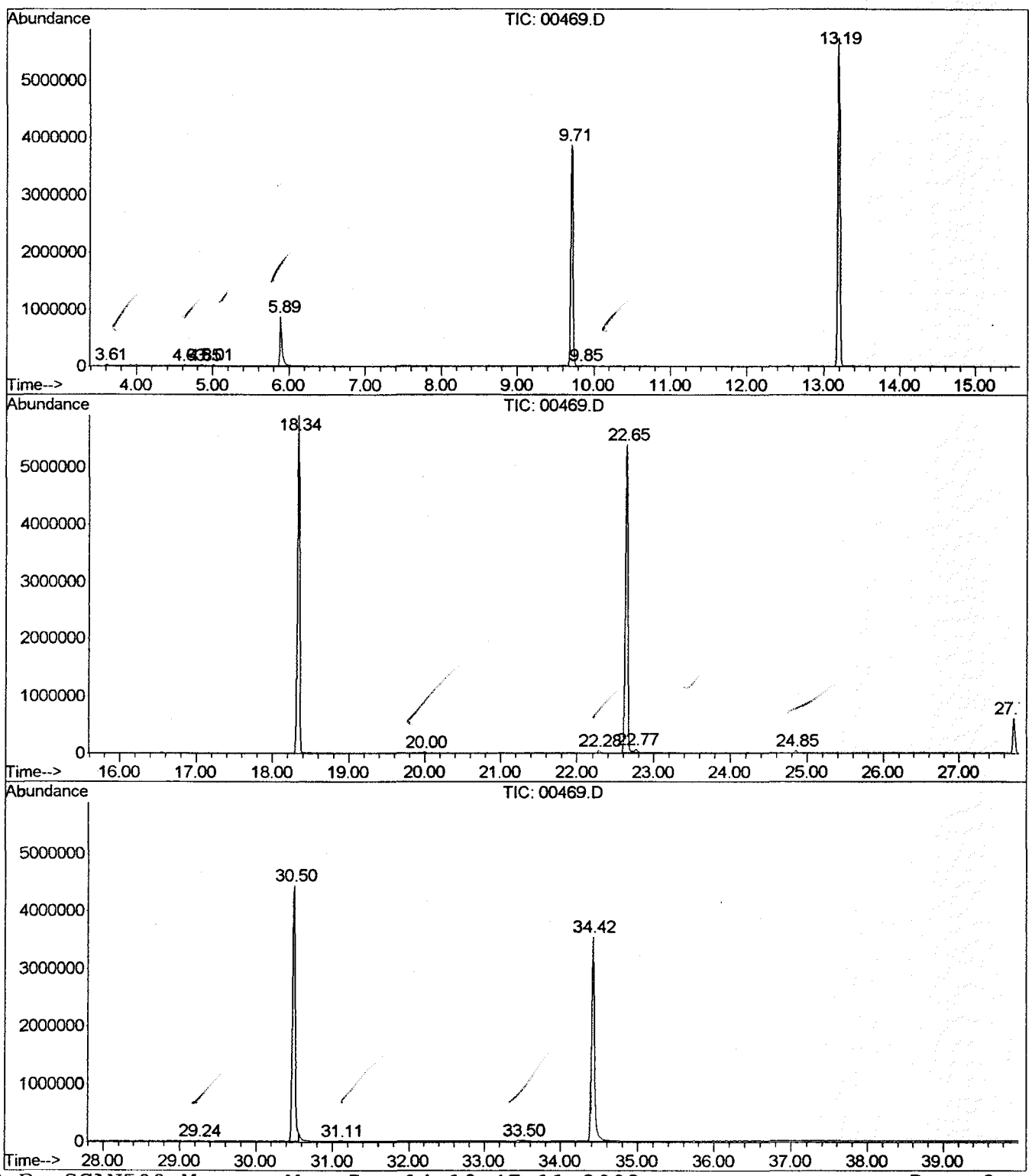
Signal : TIC

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	rBV	28419	45237	0.37%	0.068%
2	4.630	103	110	117	rVB4	20173	47739	0.39%	0.072%
3	4.847	125	129	141	rBV3	19161	59324	0.49%	0.089%
4	5.006	141	143	147	rVV	21766	40068	0.33%	0.060%
5	5.886	215	220	243	rBV	867148	1680935	13.87%	2.532%
6	9.710	551	555	561	rVV	3862859	7757521	64.02%	11.683%
7	9.847	561	567	575	rVB	14219	38946	0.32%	0.059%
8	13.192	855	860	865	rBV	5746168	11005677	90.82%	16.575%
9	18.341	1305	1311	1315	rBV	5896942	11719549	96.71%	17.650%
10	19.997	1451	1456	1461	rVB2	20161	40998	0.34%	0.062%
11	22.280	1653	1656	1659	rVV2	46512	78092	0.64%	0.118%
12	22.646	1681	1688	1693	rVV	5382082	12118001	100.00%	18.250%
13	22.771	1695	1699	1713	rVB	64892	184777	1.52%	0.278%
14	24.849	1877	1881	1885	rVV	40058	72541	0.60%	0.109%
15	27.726	2129	2133	2139	rBV	611475	1075284	8.87%	1.619%
16	29.244	2261	2266	2275	rVB2	18606	41890	0.35%	0.063%
17	30.500	2369	2376	2381	rBV	4435217	11069305	91.35%	16.671%
18	31.105	2417	2429	2441	rBV5	20197	94683	0.78%	0.143%
19	33.503	2635	2639	2649	rVB	22812	99669	0.82%	0.150%
20	34.416	2713	2719	2745	rBV	3552773	9130321	75.35%	13.750%

Sum of corrected areas: 66400557

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN11\00469.D
Operator :
Acquired : 11 Jan 2002 7:55 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 11, 2002
Vial Number: 8
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

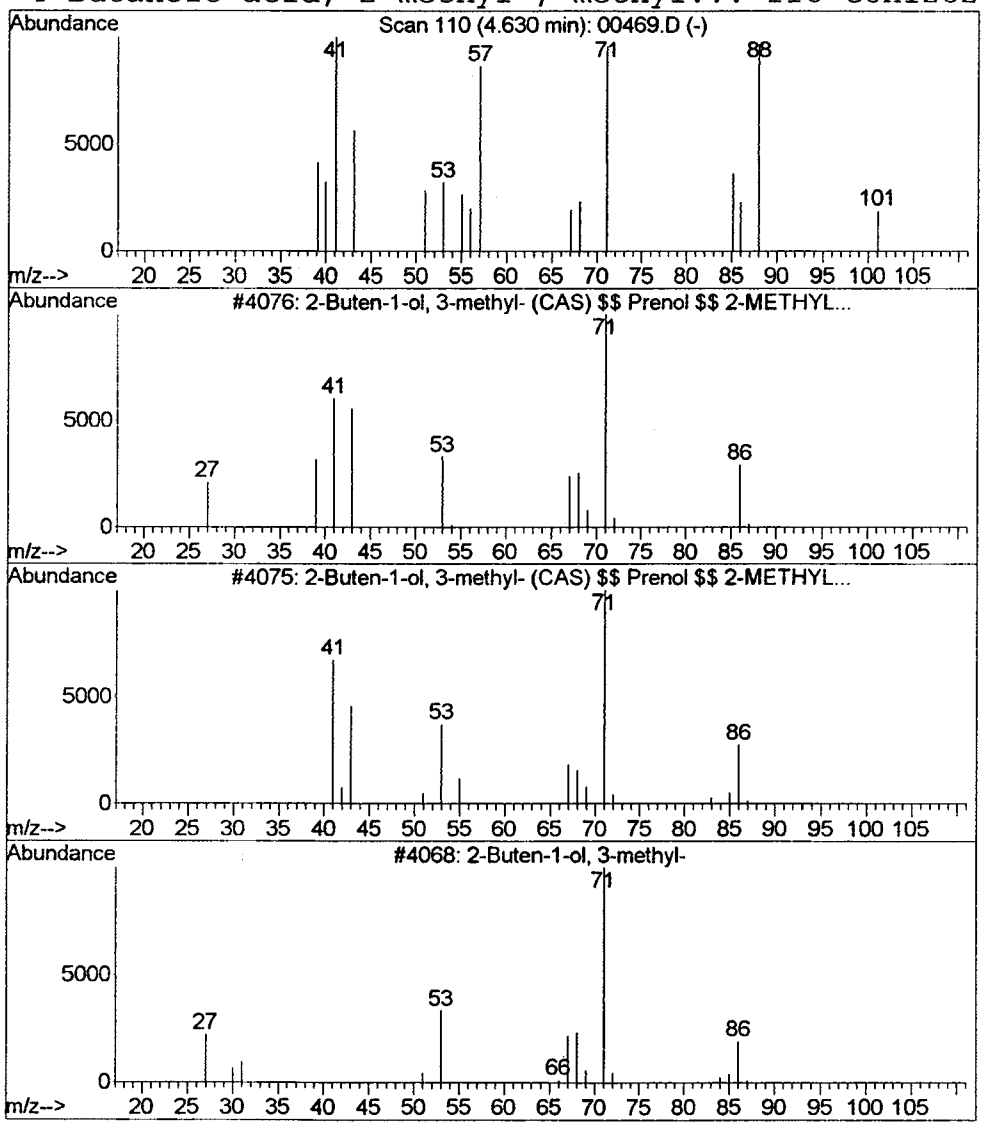
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

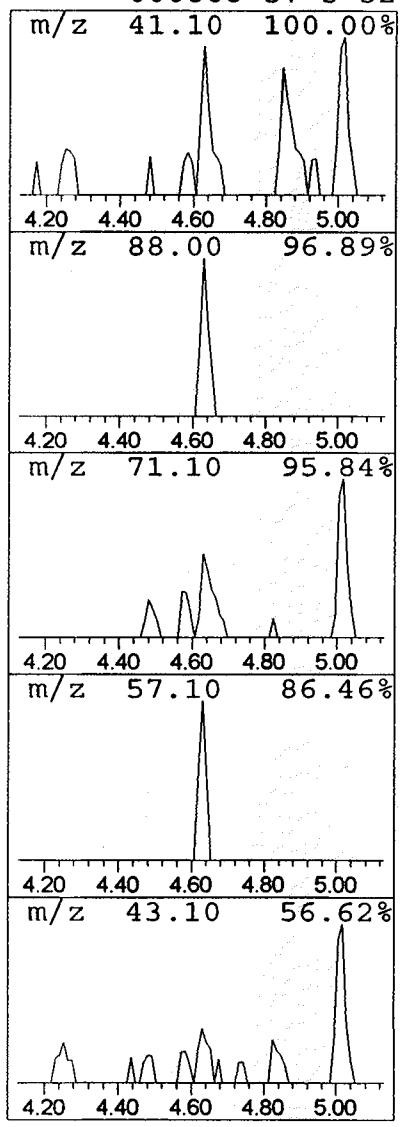
****

Peak Number 1 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.12 ug/L	47739	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	43
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	38
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

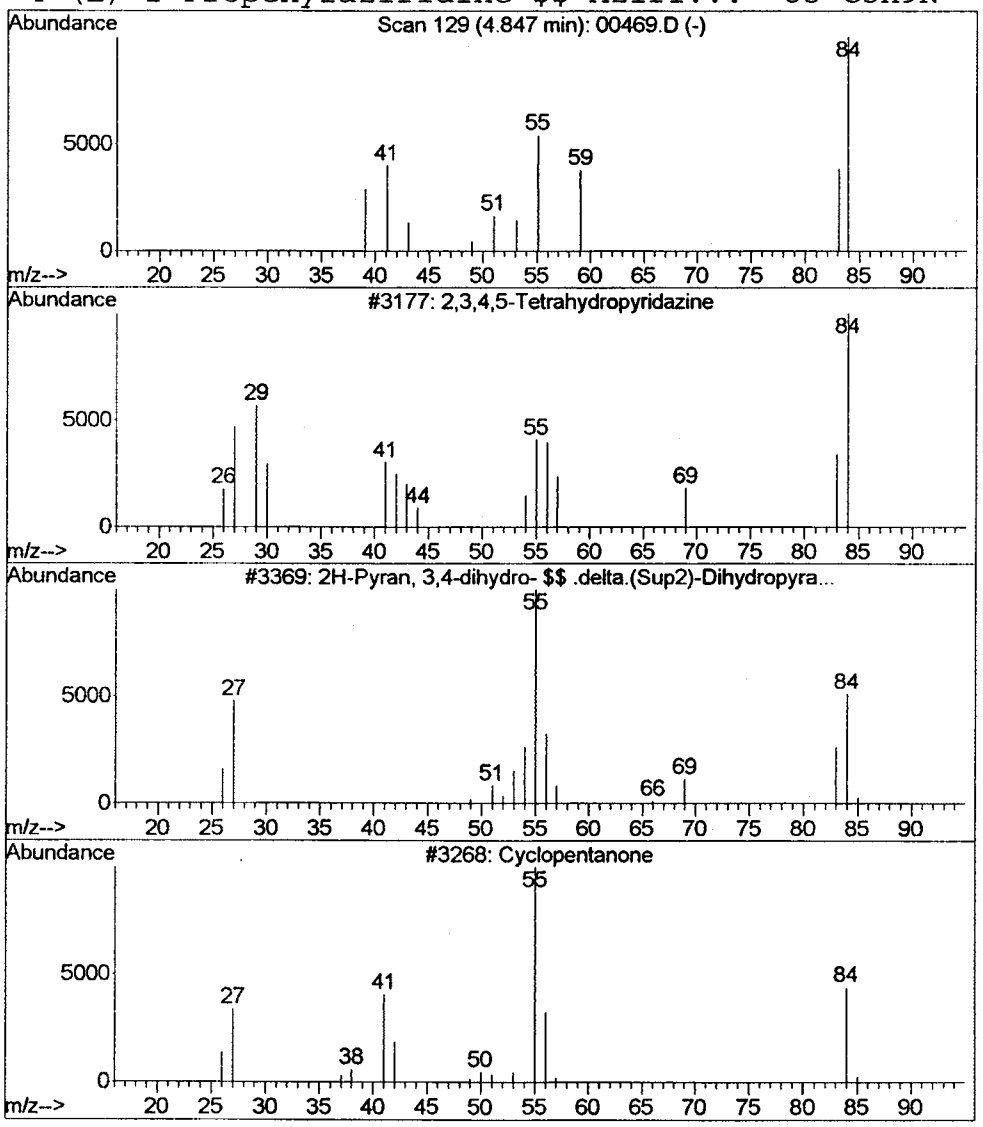
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

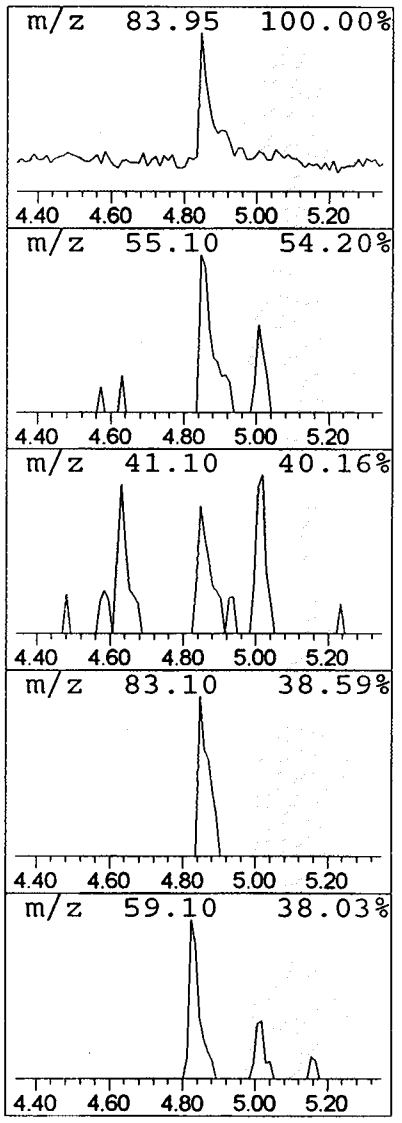
****

Peak Number 2 2,3,4,5-Tetrahydropyridazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.15 ug/L	59324	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	45
2	2H-Pyran, 3,4-dihydro- $$ .delta...	84	C5H8O	000110-87-2	9
3	Cyclopentanone	84	C5H8O	000120-92-3	9
4	(E)-1-Propenylaziridine $$ Aziri...	83	C5H9N	080839-91-4	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

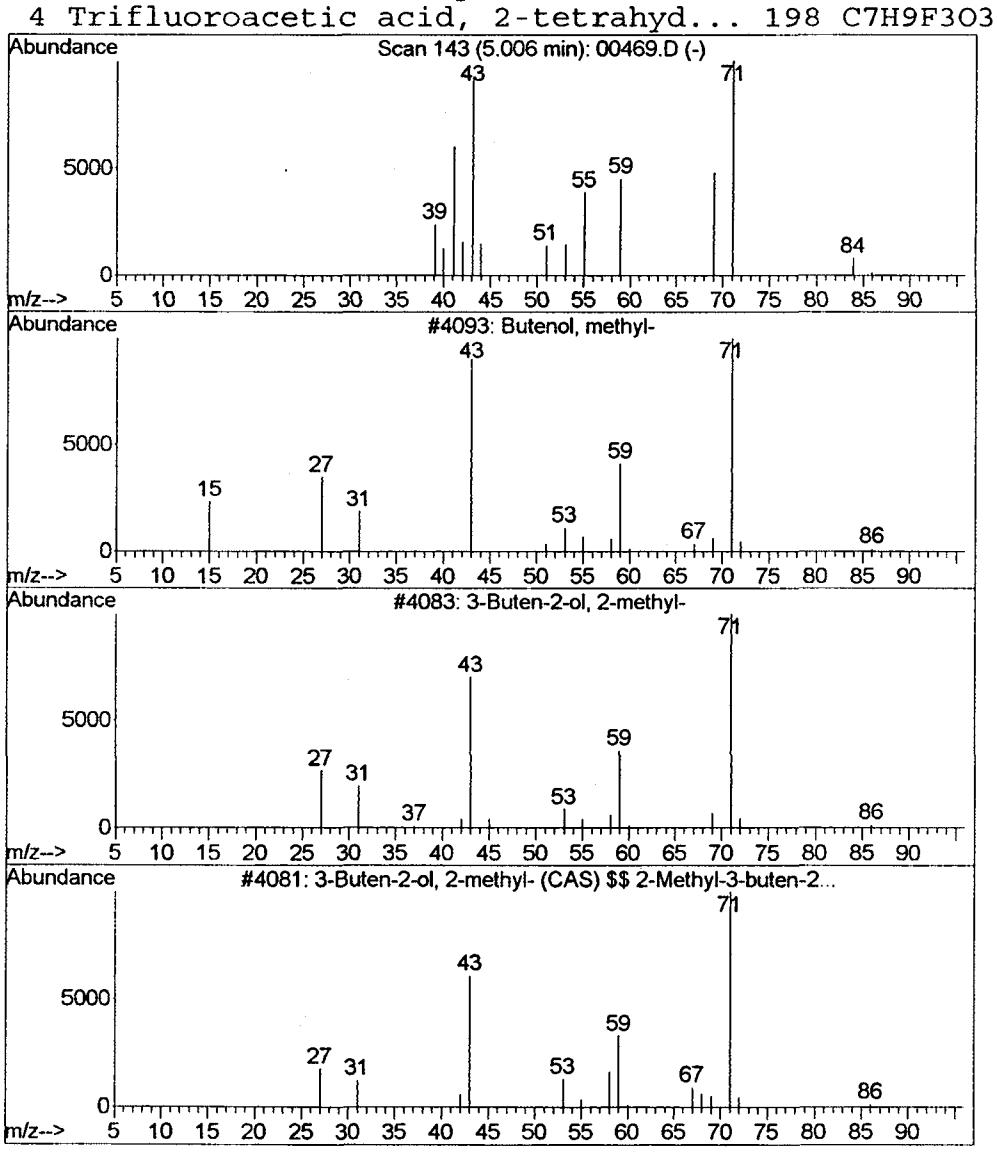
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

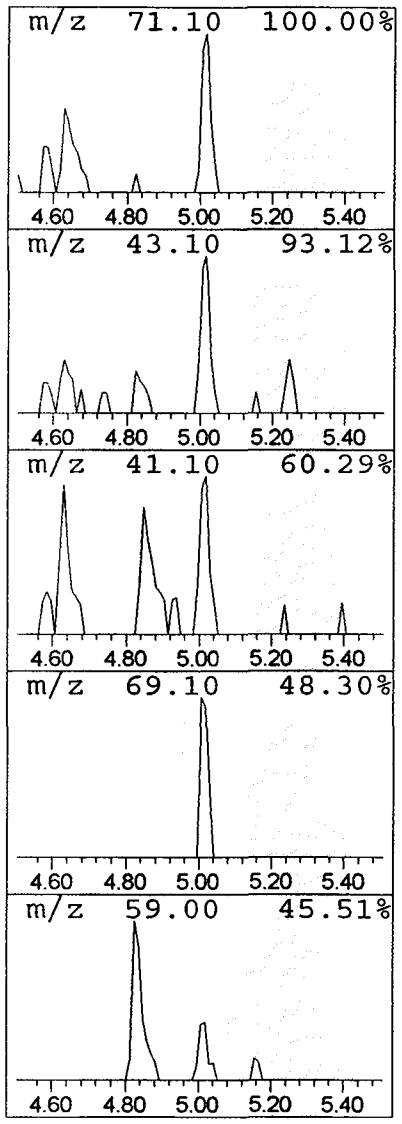
****

Peak Number 3 Butenol, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.10 ug/L	40068	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
3	3-Buten-2-ol, 2-methyl- (CAS) $$...	86	C5H10O	000115-18-4	45
4	Trifluoroacetic acid, 2-tetrahyd...	198	C7H9F3O3	000000-00-0	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 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

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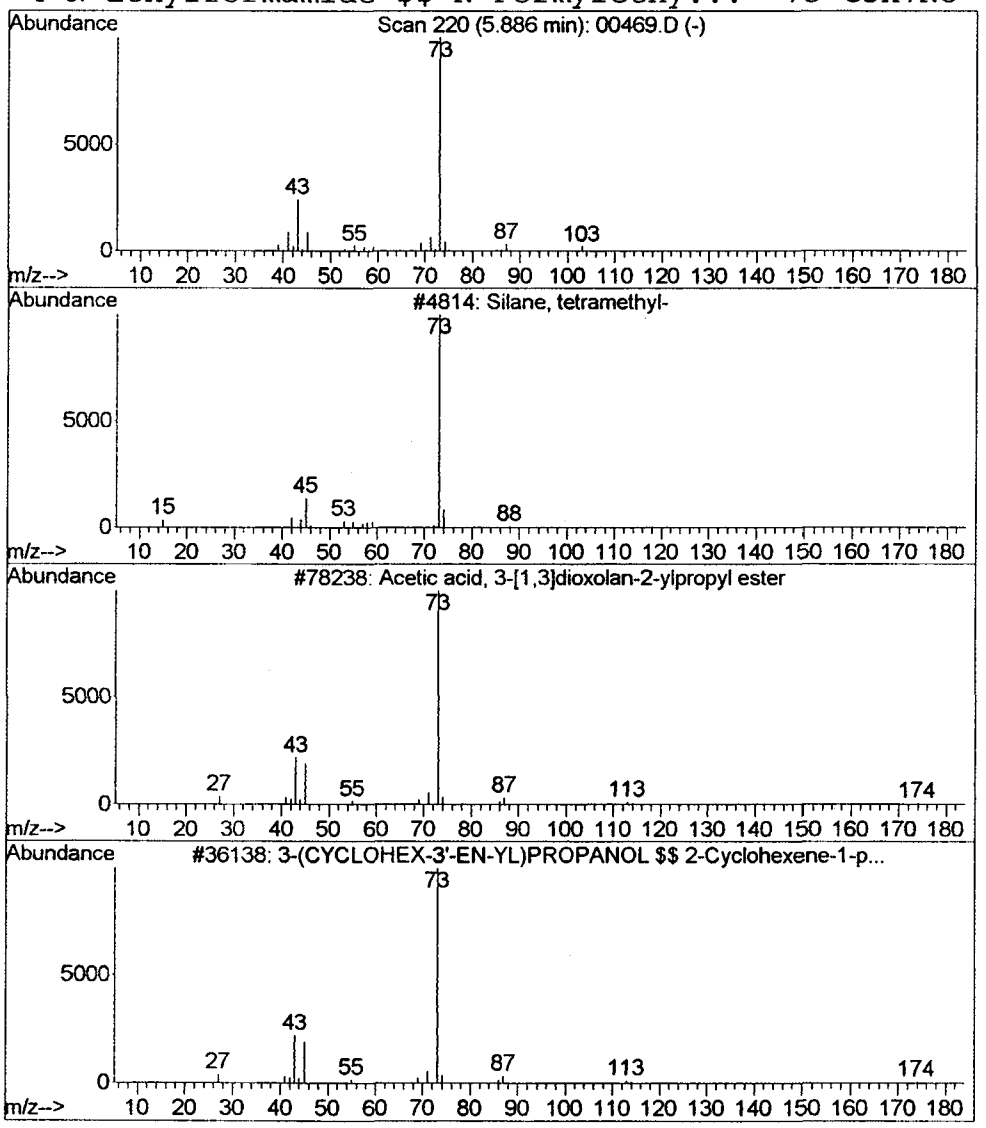
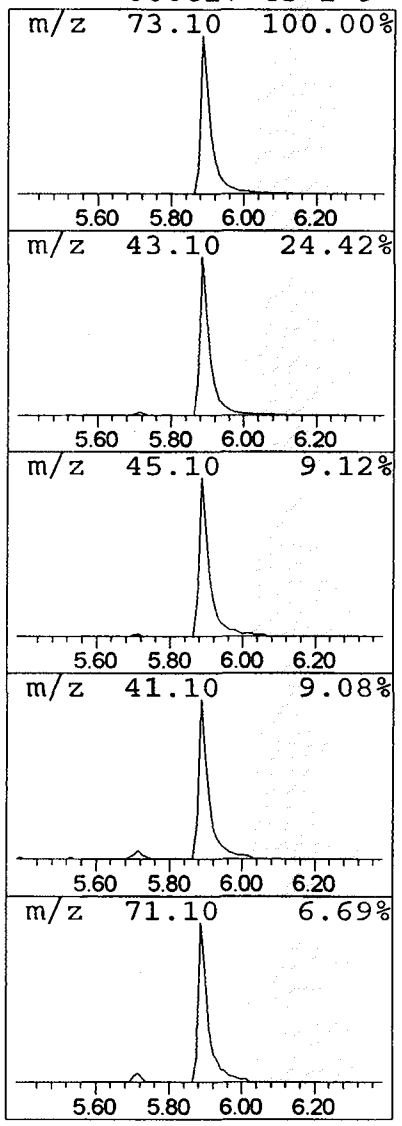
Peak Number 4 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.33 ug/L	1680940	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

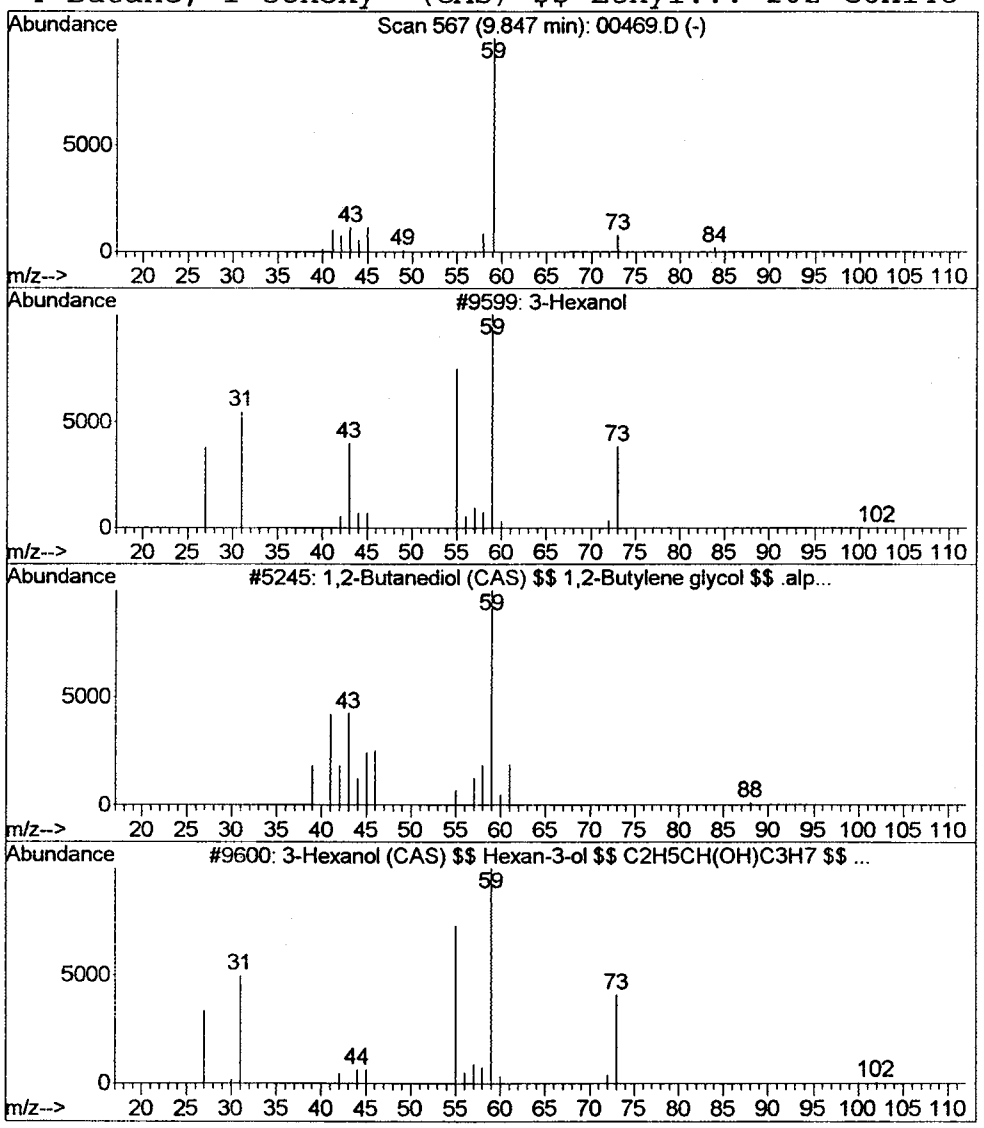
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

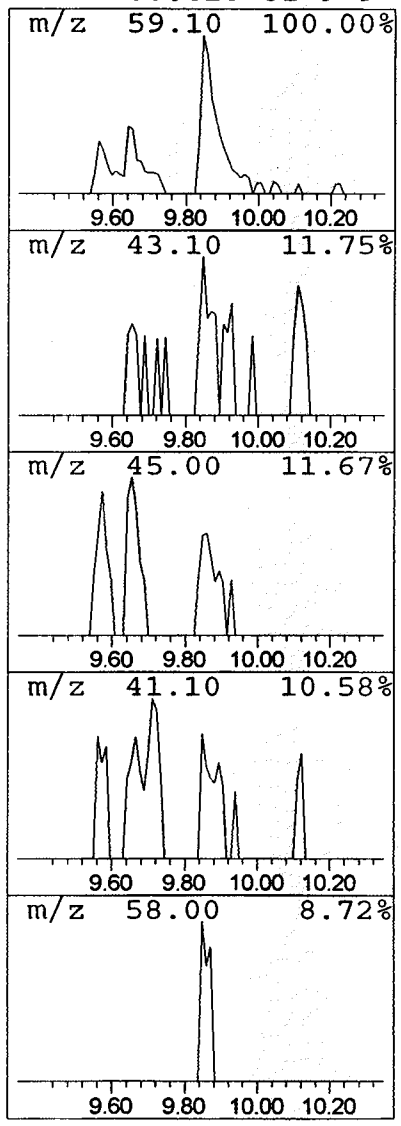
****

Peak Number 5 3-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.10 ug/L	38946	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	9
2	1,2-Butanediol (CAS) $$ 1,2-Buty...	90	C4H10O2	000584-03-2	9
3	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
4	Butane, 1-ethoxy- (CAS) $$ Ethyl...	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

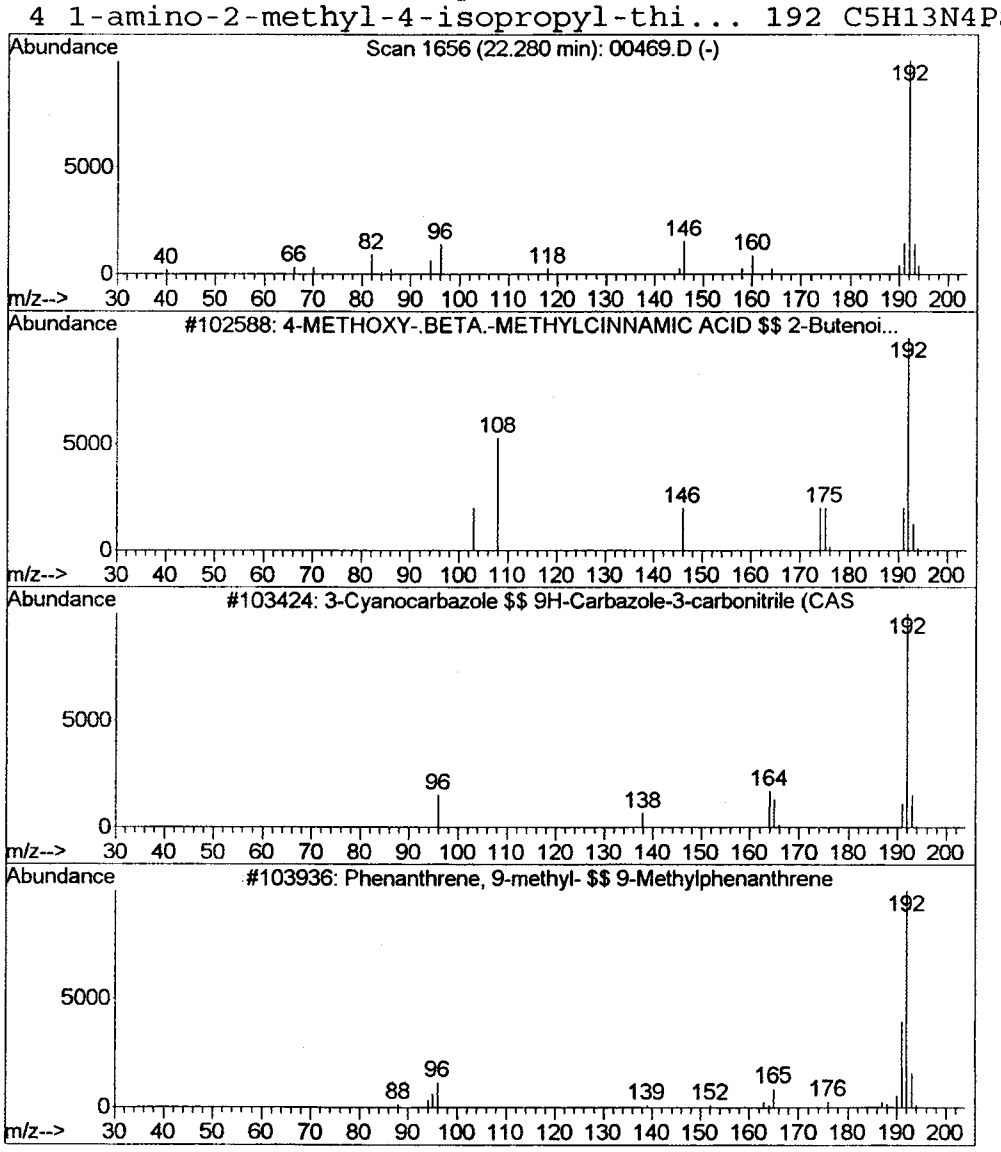
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

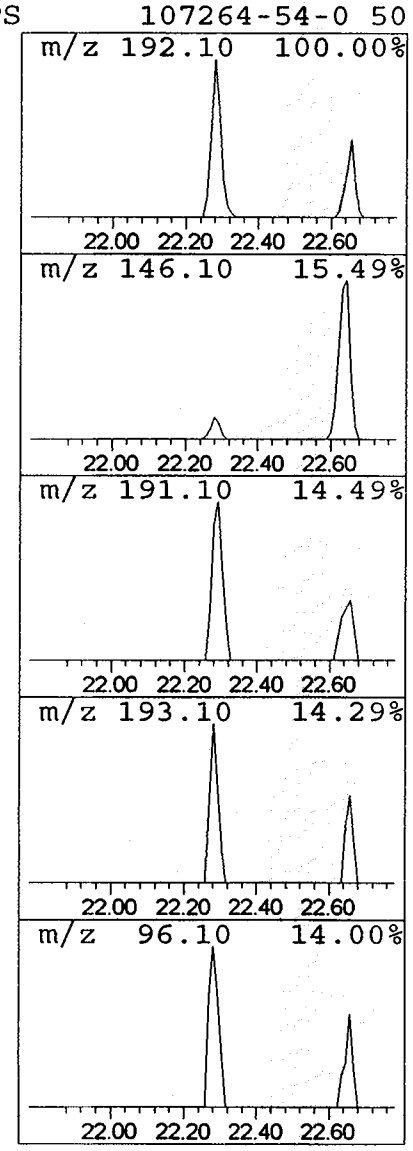
****

Peak Number 6 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	78092	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	59
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN11\00469.D Vial: 8
Acq On : 11 Jan 2002 7:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 11, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

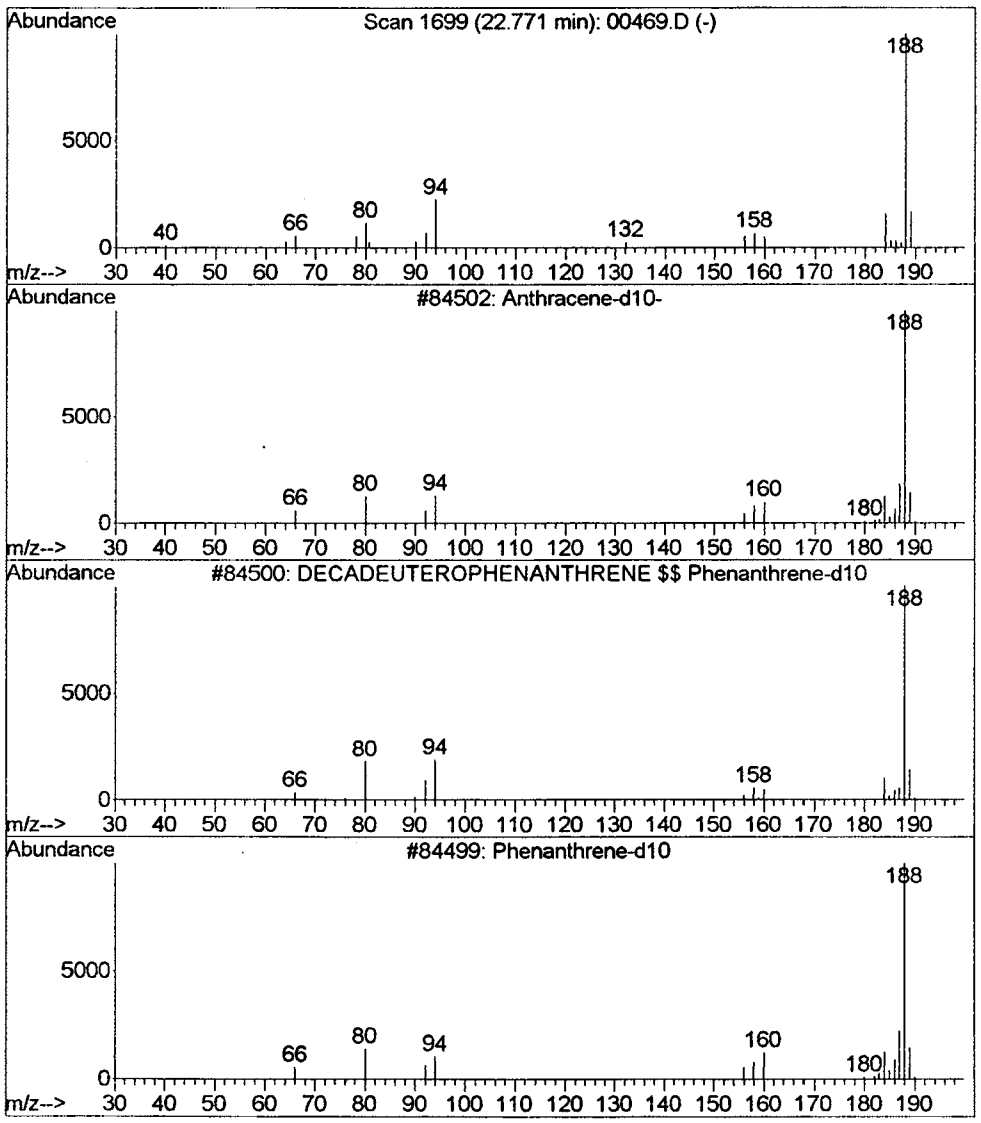
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

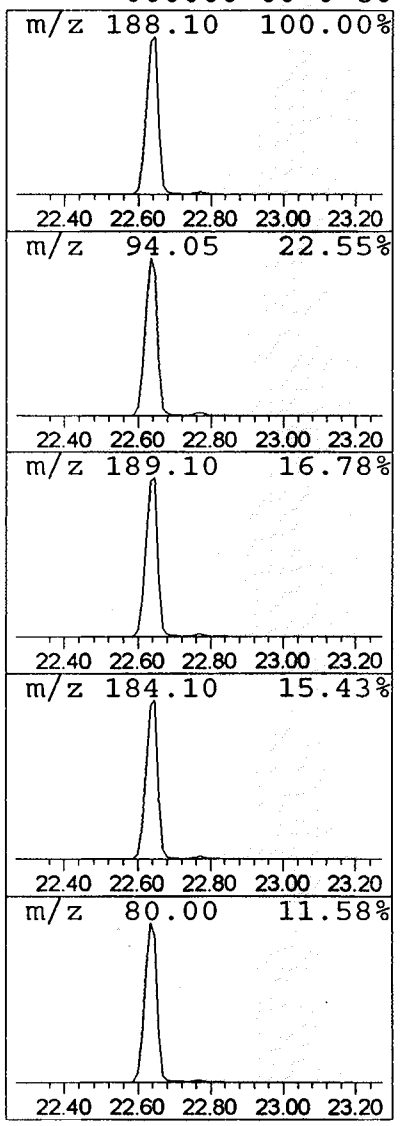
****

Peak Number 7 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.30 ug/L	184777	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	80
3	Phenanthrene-d10	188	C14D10	001517-22-2	80
4	Anthracene-D10	188	C14D10	000000-00-0	80





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 Jan 2002 7:55 pm
Data File: C:\MSDCHEM\1\5973N\02JAN11\00469.D
Name: 508 scan
Misc: January 11, 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
2-Buten-1-ol, 3-m...	4.63	0.1	ug/L	47739	1	9.72	7757520	20.0
2,3,4,5-Tetrahydr...	4.85	0.2	ug/L	59324	1	9.72	7757520	20.0
Butenol, methyl-	5.01	0.1	ug/L	40068	1	9.72	7757520	20.0
Silane, tetramethyl-	5.89	4.3	ug/L	1680940	1	9.72	7757520	20.0
3-Hexanol	9.85	0.1	ug/L	38946	1	9.72	7757520	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	78092	4	22.65	12118000	20.0
Anthracene-d10	22.77	0.3	ug/L	184777	4	22.65	12118000	20.0