User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 15:16:02

Sample: AE00366
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 15:15 Ended: 1/18/02 15:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE00366 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 15:17:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds except for contamination by various phthalates and polynuclear aromatic hydrocarbons. 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\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 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 10:18:50 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

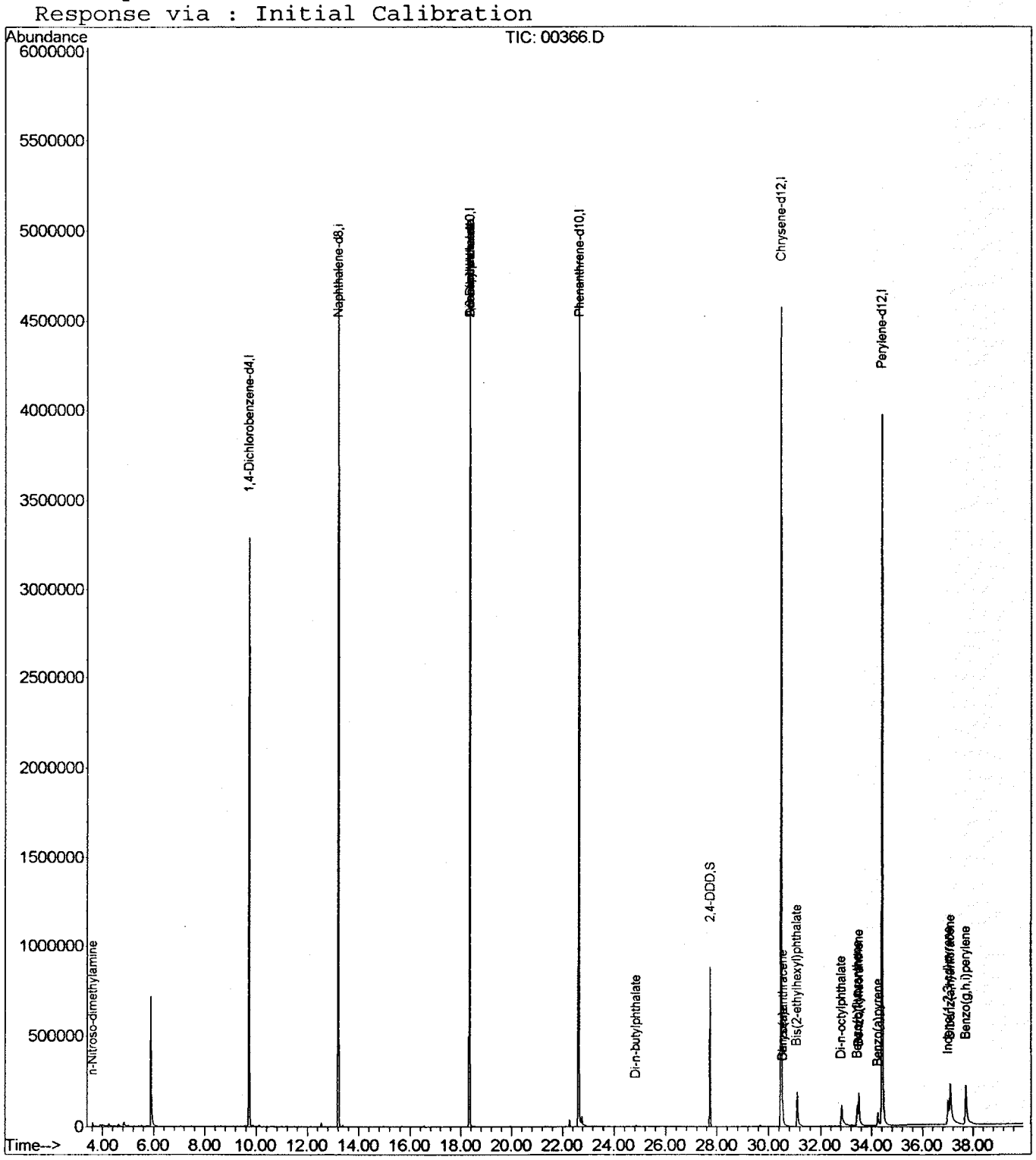
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1126051	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4727720	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2431118	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4123461	20.00	ug/L	-0.02
38) Chrysene-d12	30.49	240	3881152	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2986990	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	324090	4.97	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.40%			
Target Compounds						Qvalue
2) n-Nitroso-dimethylamine	3.61	74	10467	0.22	ug/L #	15
20) Dimethylphthalate	18.34	163	396244	2.47	ug/L #	55
21) 2,6-Dinitrotoluene	18.34	165	312019	9.96	ug/L #	16
35) Di-n-butylphthalate	24.85	149	12821	0.05	ug/L	96
41) Benzo(a)anthracene	30.56	228	36595	0.16	ug/L	95
42) Bis(2-ethylhexyl)phthalate	31.11	149	191762	1.54	ug/L	96
43) Chrysene	30.56	228	35601	0.16	ug/L	96
45) Di-n-octylphthalate 1.1	32.83	149	305194	1.09	ug/L	99
46) Benzo(b)fluoranthene 0.53	33.45	252	125101	0.53	ug/L	97
47) Benzo(k)fluoranthene 1.1	33.50	252	253533	1.12	ug/L	94
48) Benzo(a)pyrene 0.56	34.24	252	109260	0.56	ug/L	93
49) Indeno(1,2,3-cd)pyrene 1.3	37.02	276	204795	1.26	ug/L	87
50) Dibenz(a,h)anthracene 2.5	37.11	278	362187	2.48	ug/L	95
51) Benzo(g,h,i)perylene 2.6	37.72	276	392193	2.60	ug/L	95

(#) = qualifier out of range (m) = manual integration
00366.D SCAN508.M Fri Jan 11 10:18:51 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN10\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 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\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 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

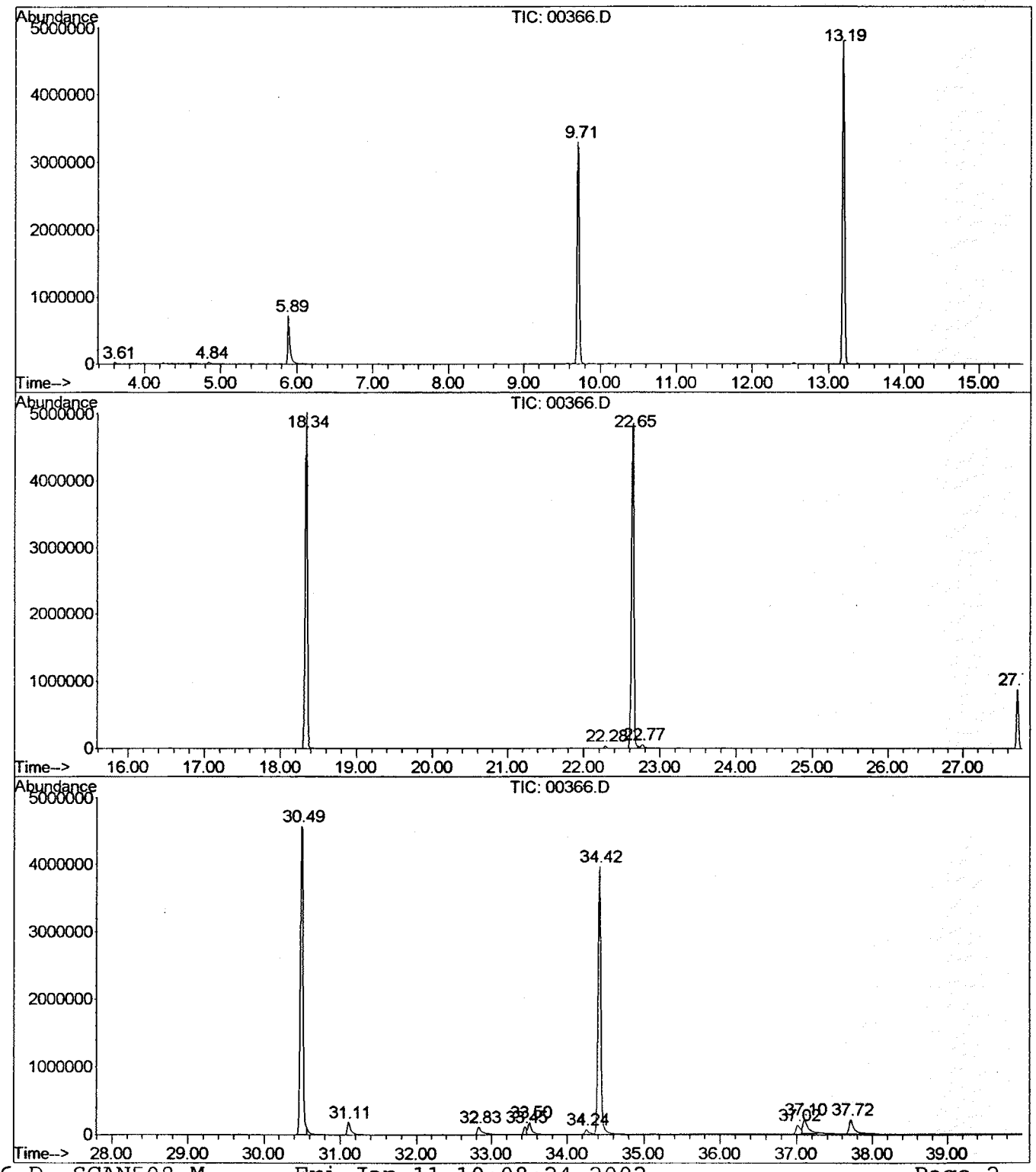
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	19	21	25	rVB	25485	45748	0.40%	0.069%
2	4.835	125	128	141	rVV4	25187	73657	0.65%	0.111%
3	5.885	217	220	239	rBV	721388	1399076	12.26%	2.117%
4	9.710	551	555	561	rVV	3291020	6441008	56.44%	9.748%
5	13.192	855	860	865	rBV	4810647	9066322	79.44%	13.722%
6	18.341	1305	1311	1315	rBV	5019203	9903168	86.78%	14.988%
7	22.280	1651	1656	1661	rBV2	39890	71694	0.63%	0.109%
8	22.645	1681	1688	1693	rBV	4866268	10906909	95.57%	16.507%
9	22.771	1695	1699	1723	rVV	56999	213743	1.87%	0.323%
10	27.726	2129	2133	2139	rVB	882395	1570761	13.76%	2.377%
11	30.489	2369	2375	2381	rBV	4570970	11412211	100.00%	17.272%
12	31.105	2425	2429	2451	rVB	190995	637279	5.58%	0.965%
13	32.829	2575	2580	2613	rBV	117821	571617	5.01%	0.865%
14	33.446	2629	2634	2635	rBV	117334	266918	2.34%	0.404%
15	33.503	2635	2639	2655	rVB	180066	622271	5.45%	0.942%
16	34.245	2699	2704	2713	rBV2	74530	263488	2.31%	0.399%
17	34.416	2713	2719	2745	rVB	3969026	10161710	89.04%	15.380%
18	37.019	2941	2947	2951	rBV	135137	520205	4.56%	0.787%
19	37.099	2951	2954	2973	rVB	214717	1002487	8.78%	1.517%
20	37.716	3001	3008	3025	rBV	212044	922536	8.08%	1.396%

Sum of corrected areas: 66072808

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN10\00366.D
Operator :
Acquired : 10 Jan 2002 3:39 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan ext 1/8
Misc Info : January 10, 2002
Vial Number: 2
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

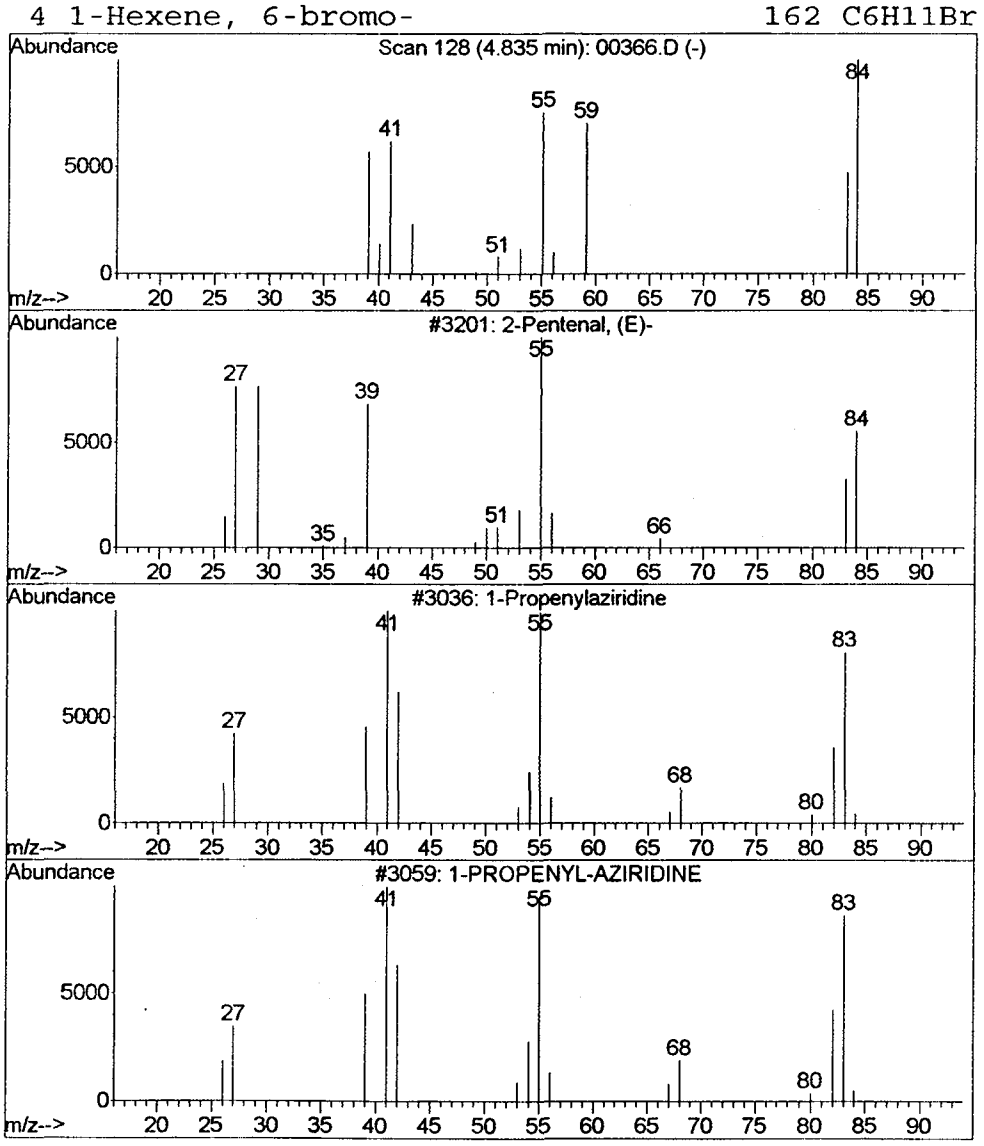
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

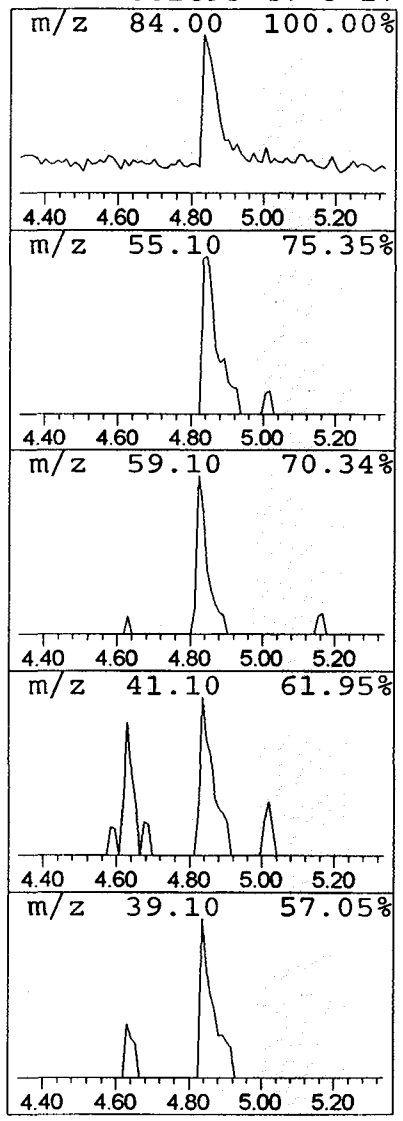
****

Peak Number 1 2-Pentenal, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.23 ug/L	73657	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, (E)-	84	C5H8O	001576-87-0	33
2	1-Propenylaziridine	83	C5H9N	000000-00-0	25
3	1-PROPENYL-AZIRIDINE	83	C5H9N	000000-00-0	25
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	17





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 pm Operator:
Sample : 508 scan ext 1/8 Inst : Instrumen
Misc : January 10, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

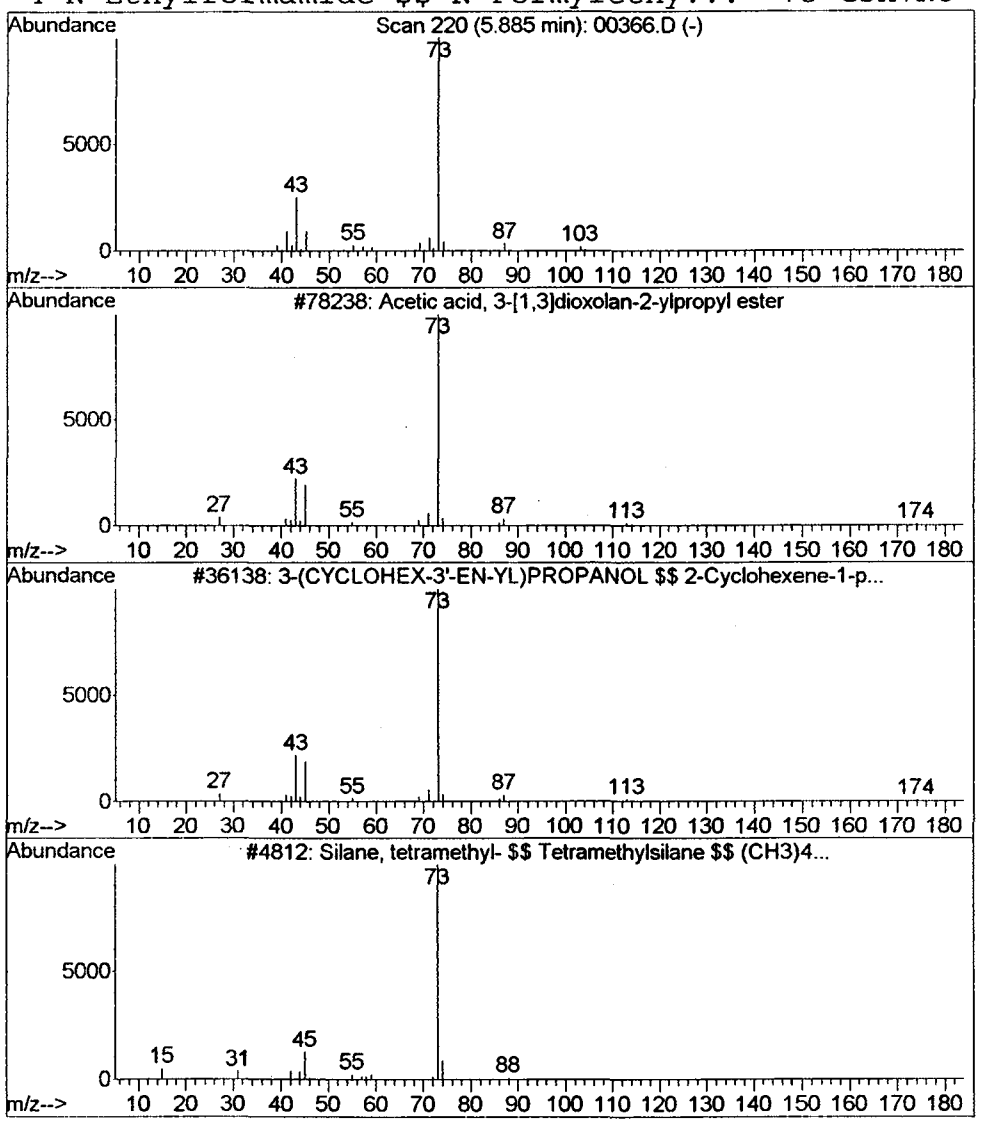
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

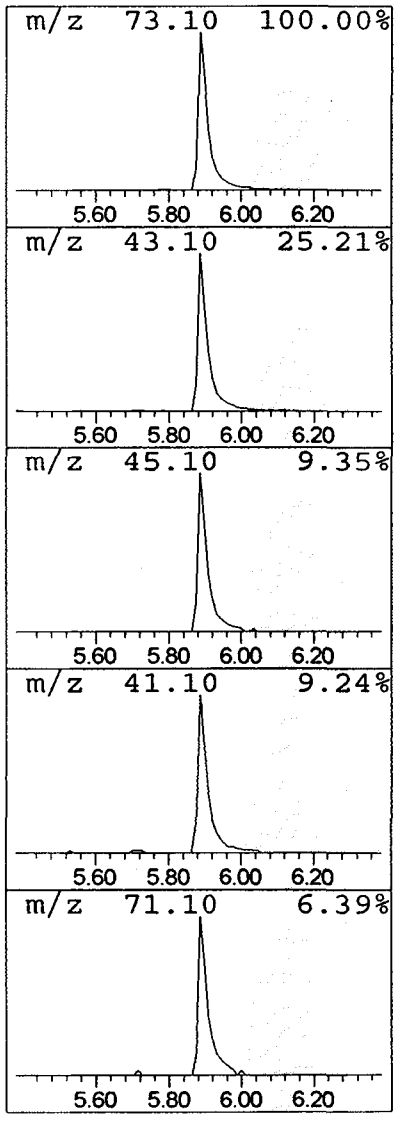
****

Peak Number 2 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.34 ug/L	1399080	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	25
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 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

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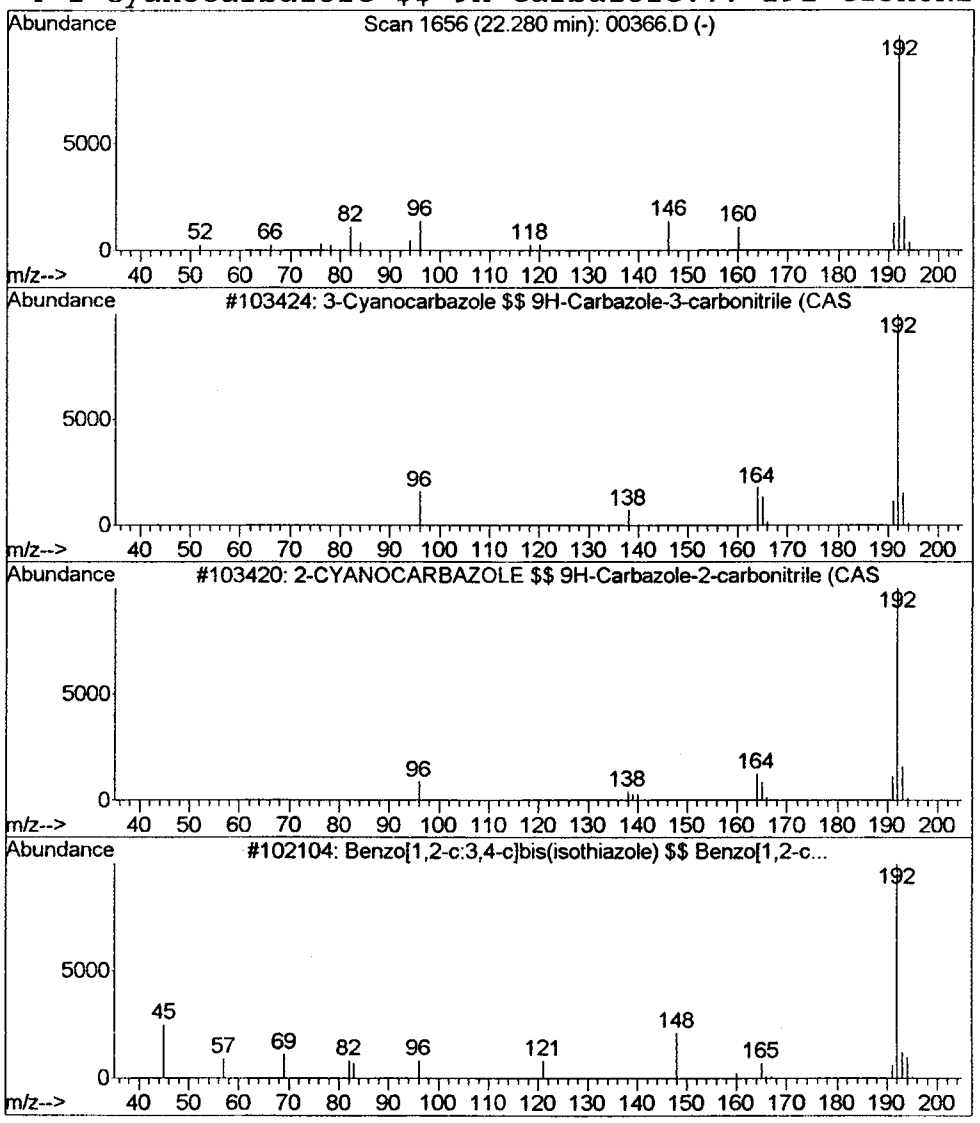
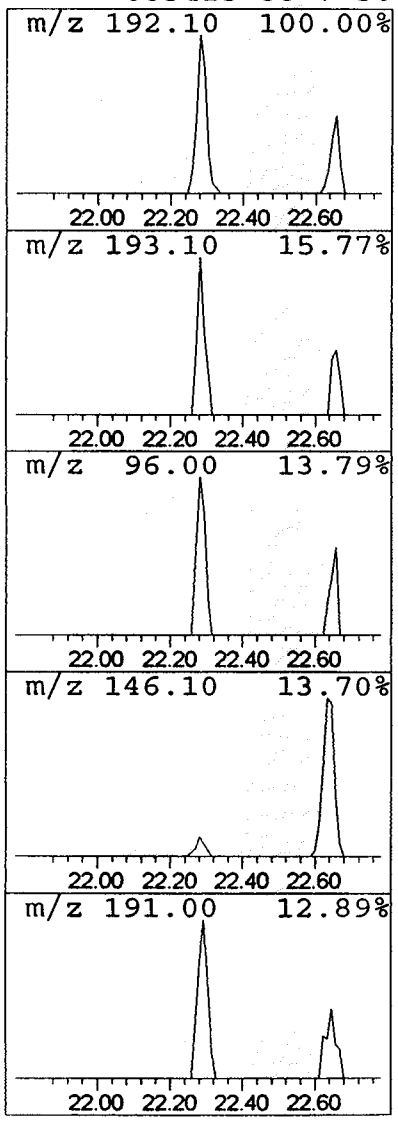
Peak Number 3 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	71694	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	72
3	Benzo[1,2-c:3,4-c]bis(isothiazol...	192	C8H4N2S2	074960-05-7	64
4	1-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	083415-88-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN10\00366.D Vial: 2
Acq On : 10 Jan 2002 3:39 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

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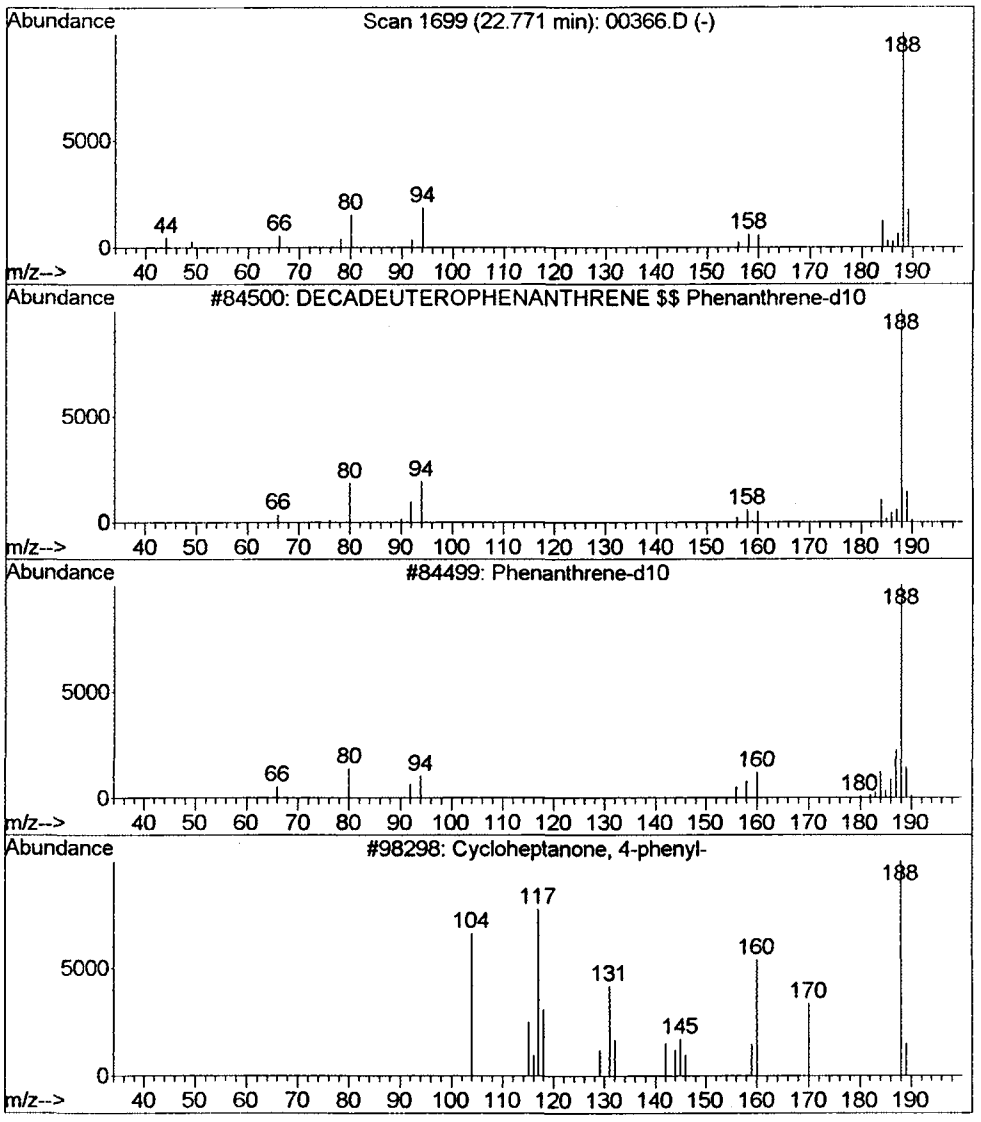
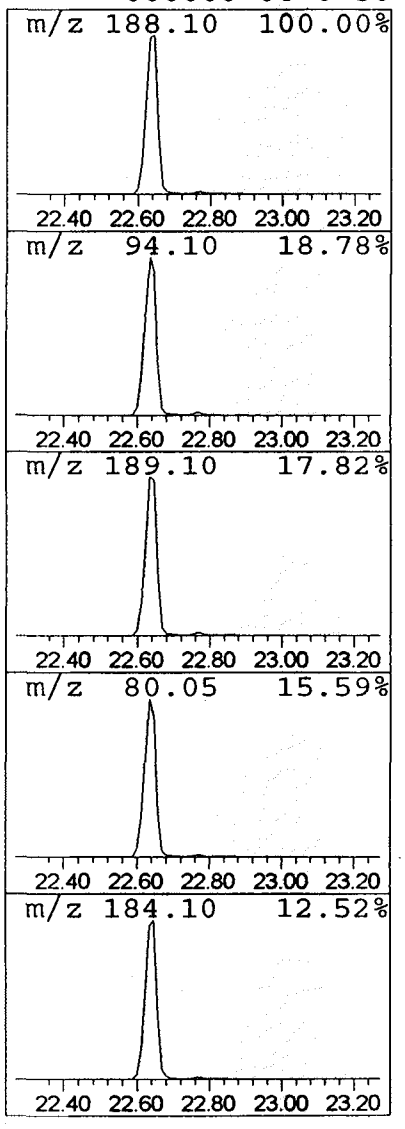
Peak Number 4 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.39 ug/L	213743	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	56
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	50
4	Acridine-D9	188	C13D9N	000000-00-0	50





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 Jan 2002 3:39 pm
Data File: C:\MSDCHEM\1\5973N\02JAN10\00366.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
2-Pentenal, (E)-	4.84	0.2	ug/L	73657	1	9.71	6441010	20.0
Acetic acid, 3-[1...	5.89	4.3	ug/L	1399080	1	9.71	6441010	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	71694	4	22.65	10906900	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	213743	4	22.65	10906900	20.0