User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 15:46:36

Sample: AD31647
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 1/22/02 09:26 Ended: 1/24/02 09:26 Analyst: WB
Result source: manual entry
Page: 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/1,2-Diphenylhydra		< 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 (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 15:30:05 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	9.71	152	1136362	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4860373	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2572669	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	4405252	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3861091	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2820785	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	317339	4.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	410971	2.42	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	329326	9.94	ug/L #	16
35) Di-n-butylphthalate	24.85	149	107383	0.38	ug/L	98
42) Bis(2-ethylhexyl)phthalate	31.11	149	550693	3.43	ug/L	98

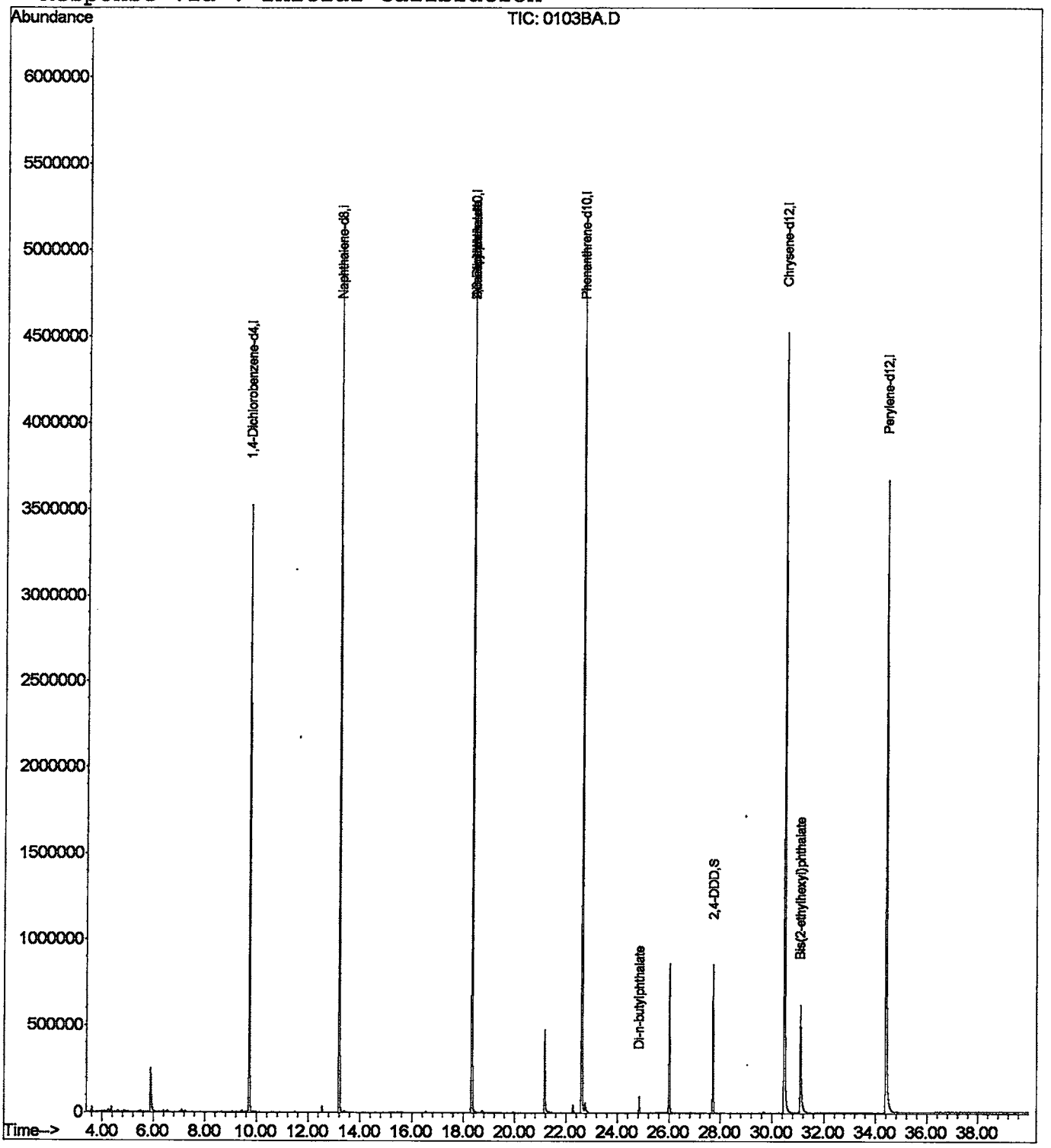
IS

(#) = qualifier out of range (m) = manual integration
0103BA.D SCAN508.M Tue Jan 22 15:30:06 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 15:30 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\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 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

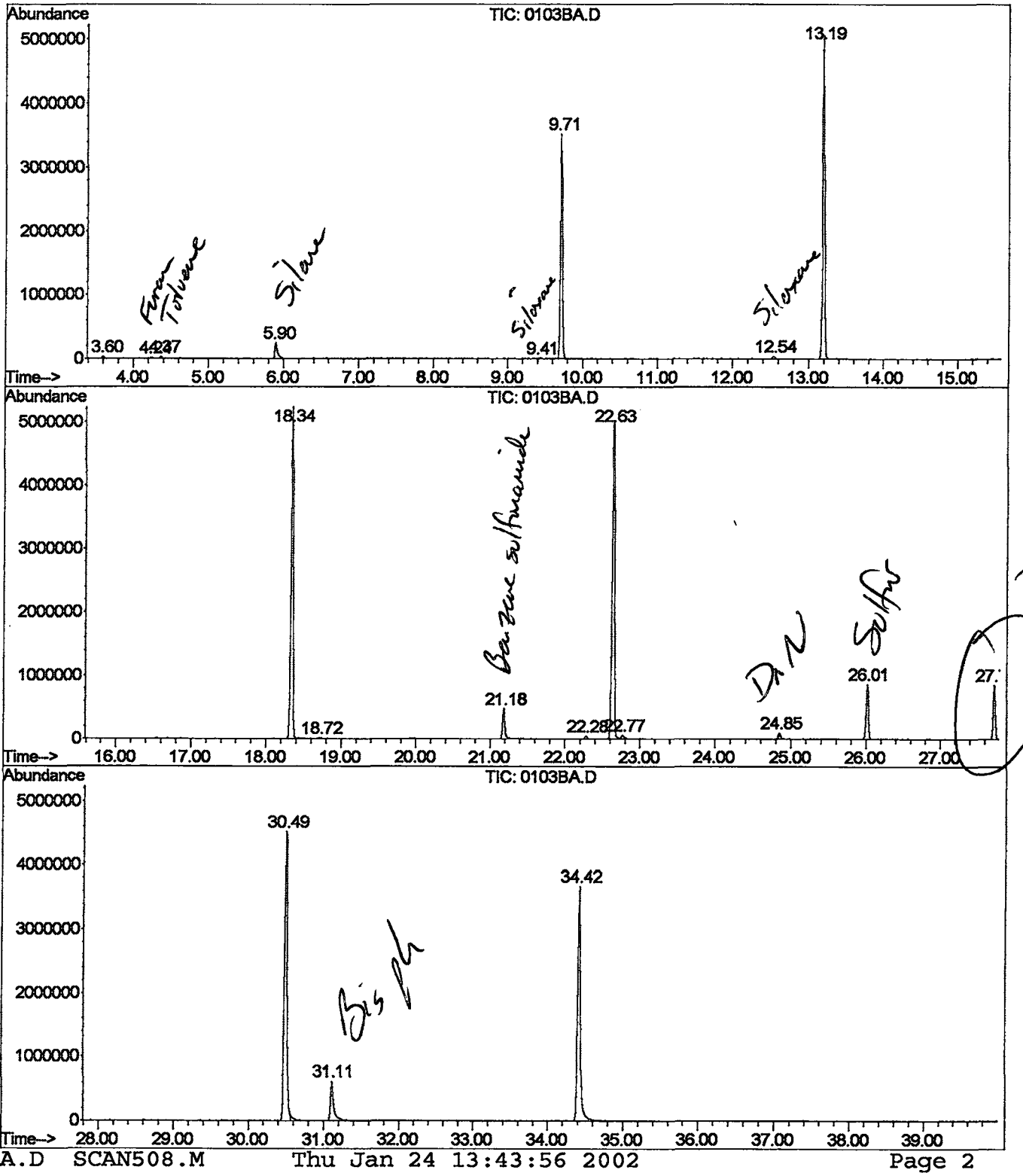
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	15	20	25	rVB	30616	52974	0.45%	0.080%
2	4.241	71	76	83	rBV3	13056	31335	0.27%	0.048%
3	4.367	83	87	91	rVV	29890	47964	0.41%	0.073%
4	5.897	219	221	237	rBV	247991	591696	5.08%	0.897%
5	9.413	525	529	535	rBV3	10356	31316	0.27%	0.047%
6	9.710	551	555	561	rVV	3521763	6471090	55.55%	9.812%
7	12.542	799	803	809	rVV	37246	61153	0.52%	0.093%
8	13.192	855	860	865	rBV	5060028	9353432	80.30%	14.183%
9	18.341	1305	1311	1315	rBV	5234438	10445658	89.67%	15.839%
10	18.718	1339	1344	1357	rVV4	12443	47038	0.40%	0.071%
11	21.184	1555	1560	1565	rBV	475271	924762	7.94%	1.402%
12	22.280	1651	1656	1661	rBV	45801	84183	0.72%	0.128%
13	22.634	1681	1687	1693	rBV2	5027040	11648742	100.00%	17.663%
14	22.771	1695	1699	1711	rVB2	58741	170738	1.47%	0.259%
15	24.849	1877	1881	1887	rVV	96604	169737	1.46%	0.257%
16	26.014	1977	1983	1989	rVB	862502	1767776	15.18%	2.681%
17	27.726	2129	2133	2137	rBV	855250	1533988	13.17%	2.326%
18	30.489	2369	2375	2381	rBV2	4523374	11212339	96.25%	17.002%
19	31.105	2425	2429	2457	rVB	619867	1812400	15.56%	2.748%
20	34.416	2713	2719	2747	rBV	3667195	9489854	81.47%	14.390%

Sum of corrected areas: 65948175

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D
Operator :
Acquired : 22 Jan 2002 10:32 am using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 1/3 a
Misc Info : January 22, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

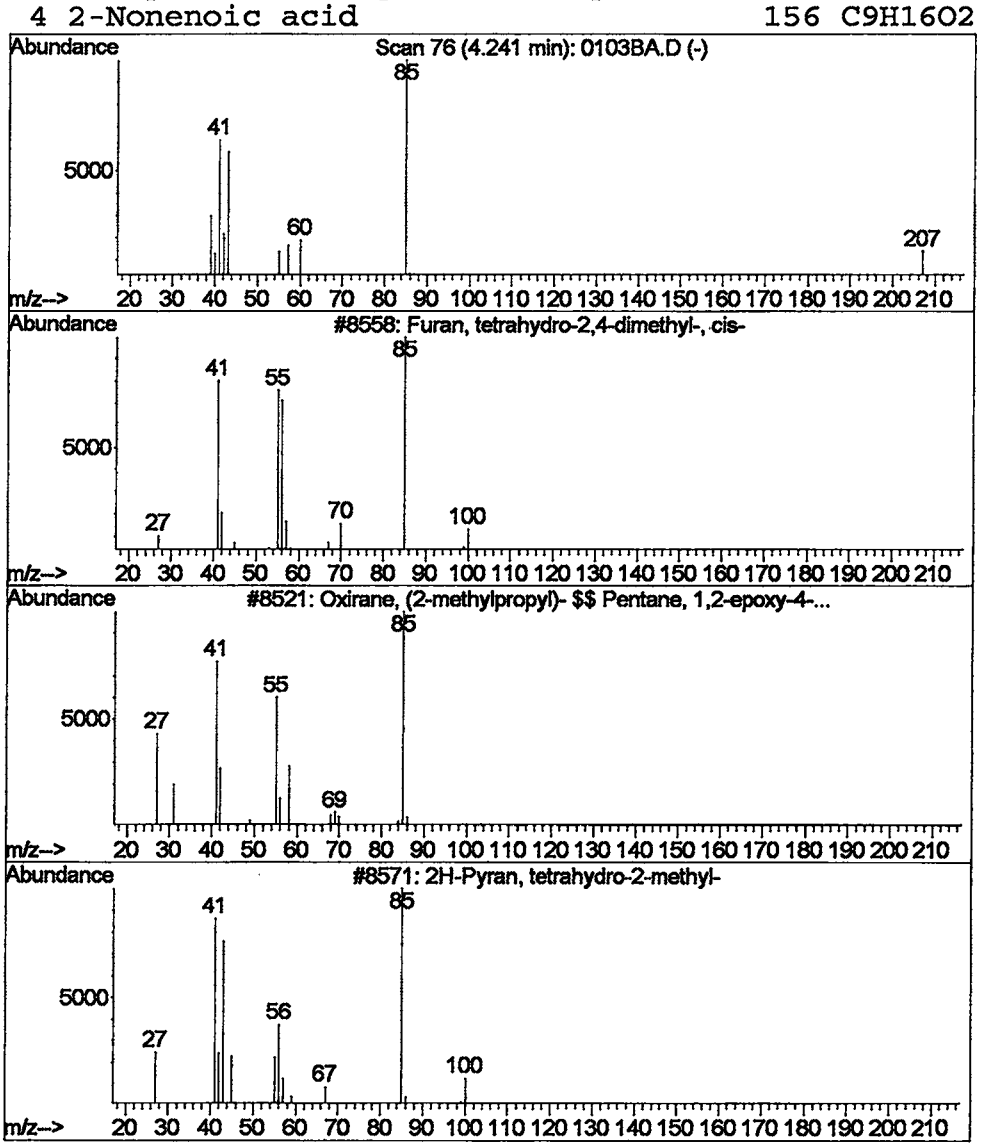
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

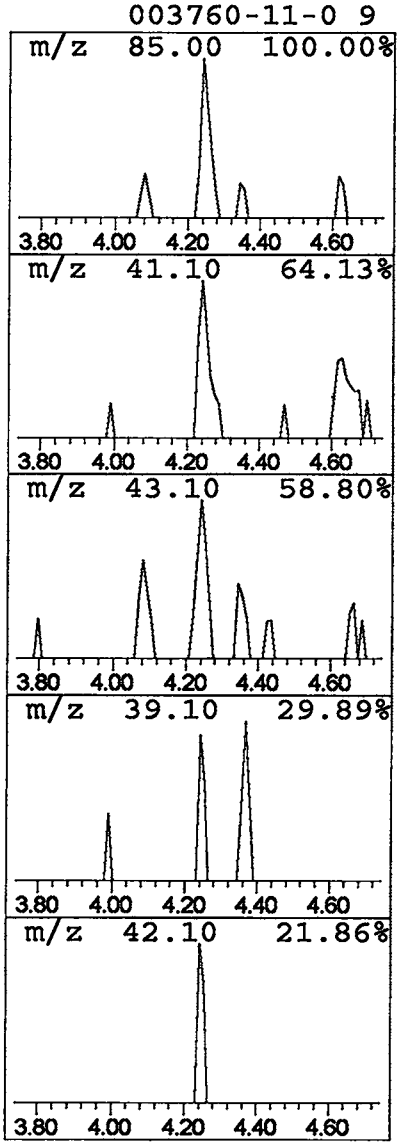
****

Peak Number 2 Furan, tetrahydro-2,4-dimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.10 ug/L	31335	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	38
2	Oxirane, (2-methylpropyl)- $$ Pe...	100	C6H12O	023850-78-4	36
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	25
4	2-Nonenoic acid	156	C9H16O2	003760-11-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 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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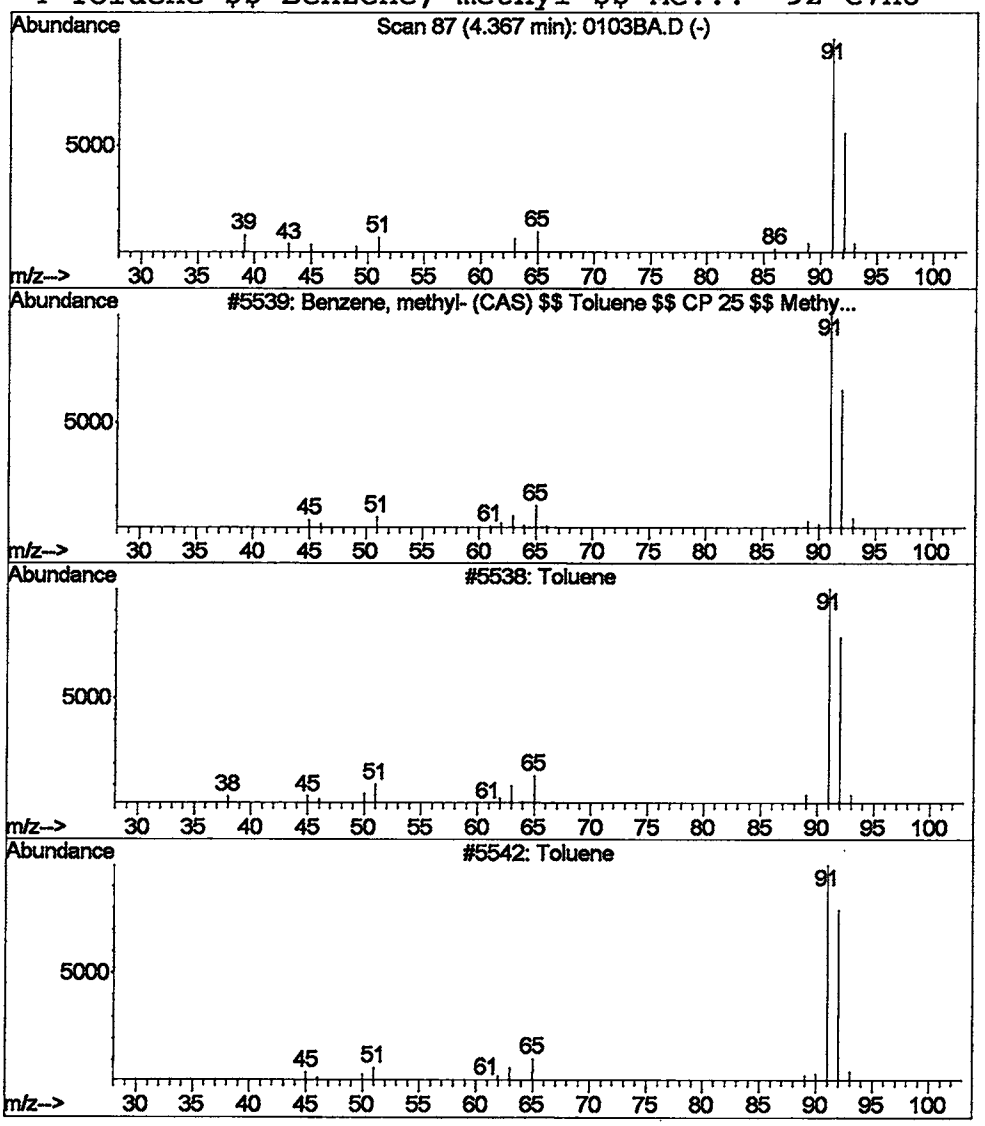
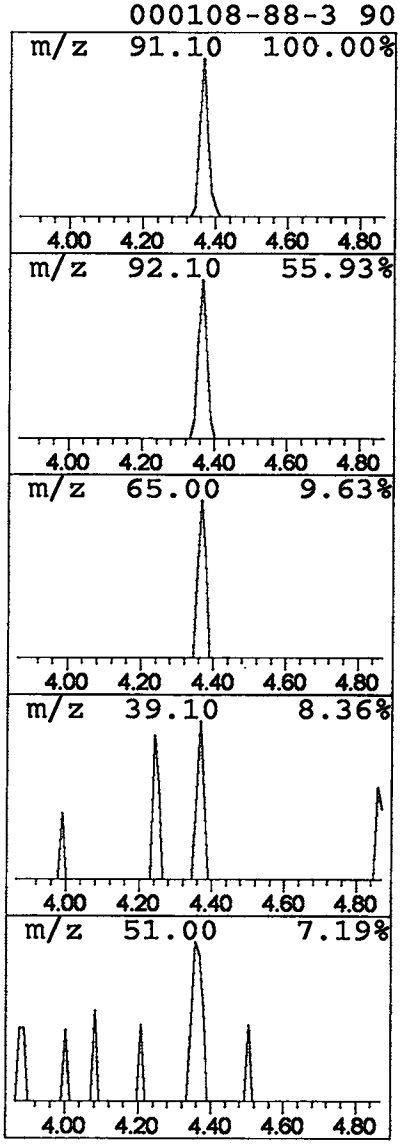
Peak Number 3 Benzene, methyl- (CAS) $$ T... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.15 ug/L	47964	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, methyl- (CAS) $$ Toluen...	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene $$ Benzene, methyl $$ Me...	92	C7H8	000108-88-3	90





Library Search Compound Report

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Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 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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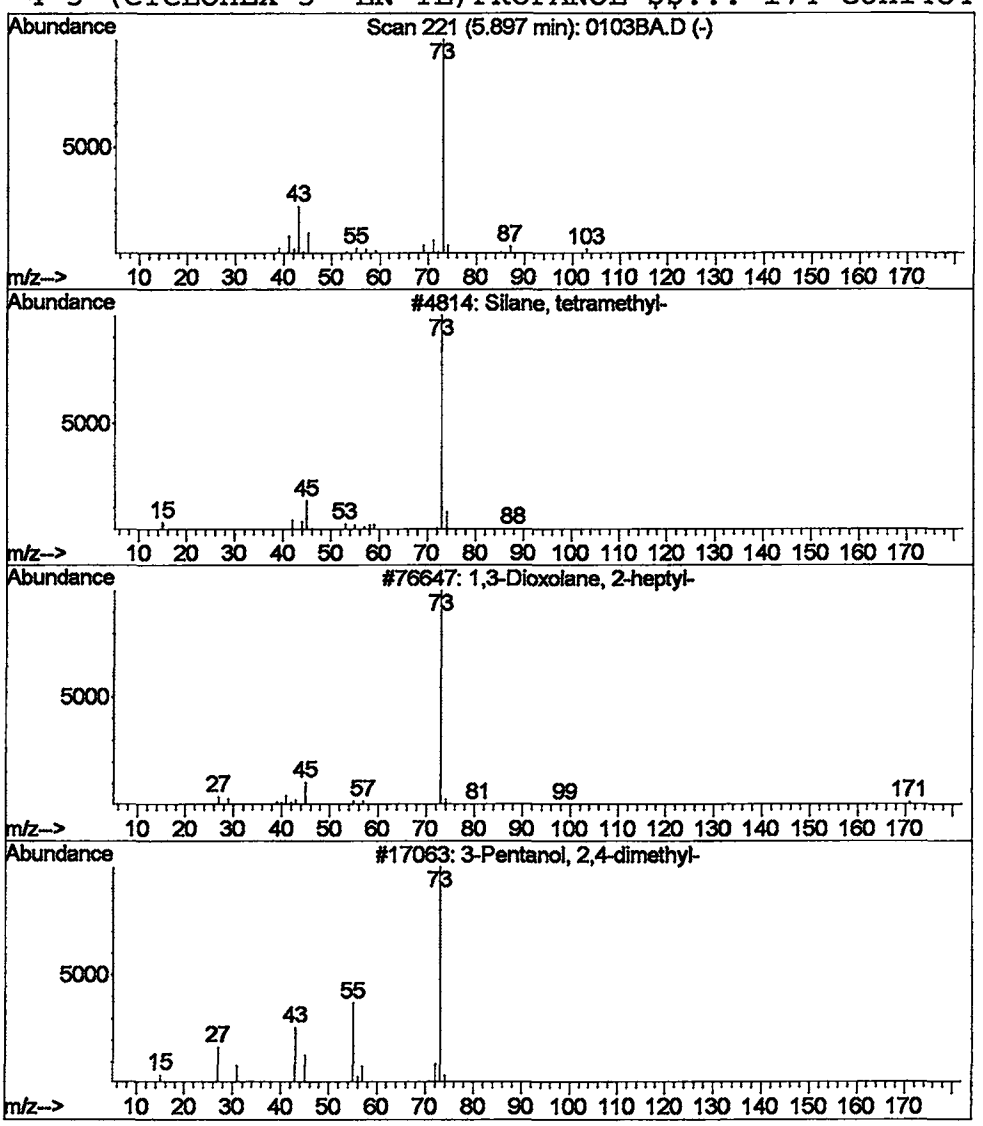
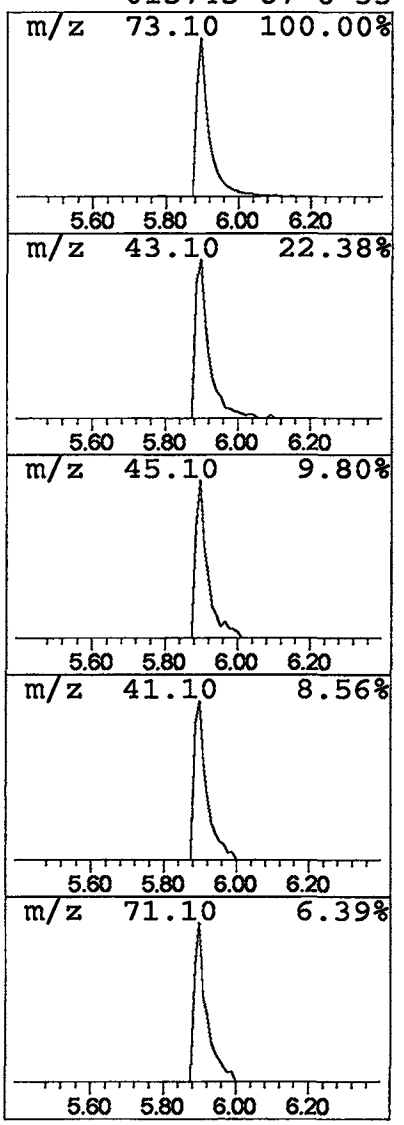
Peak Number 4 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	1.83 ug/L	591696	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	37
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
4	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

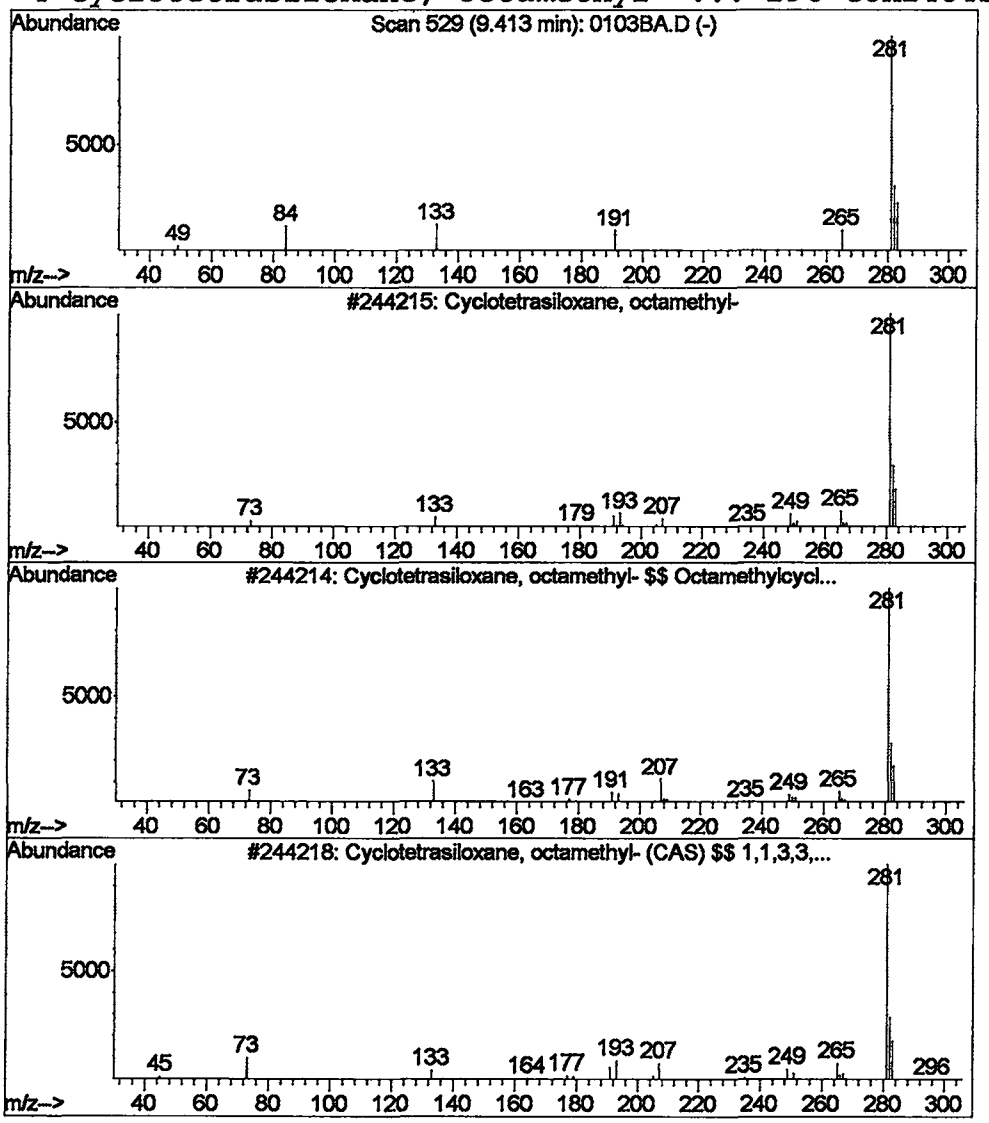
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

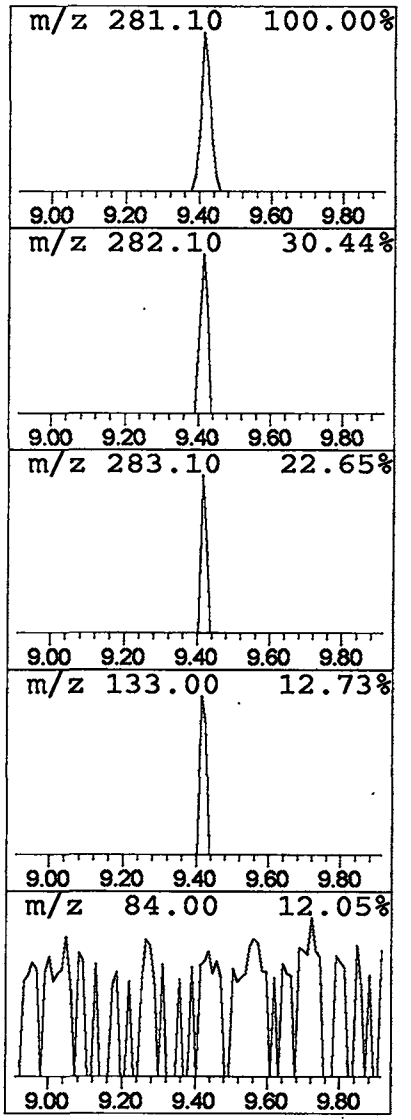
****

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	0.10 ug/L	31316	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	74
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	74
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	74





Library Search Compound Report

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Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

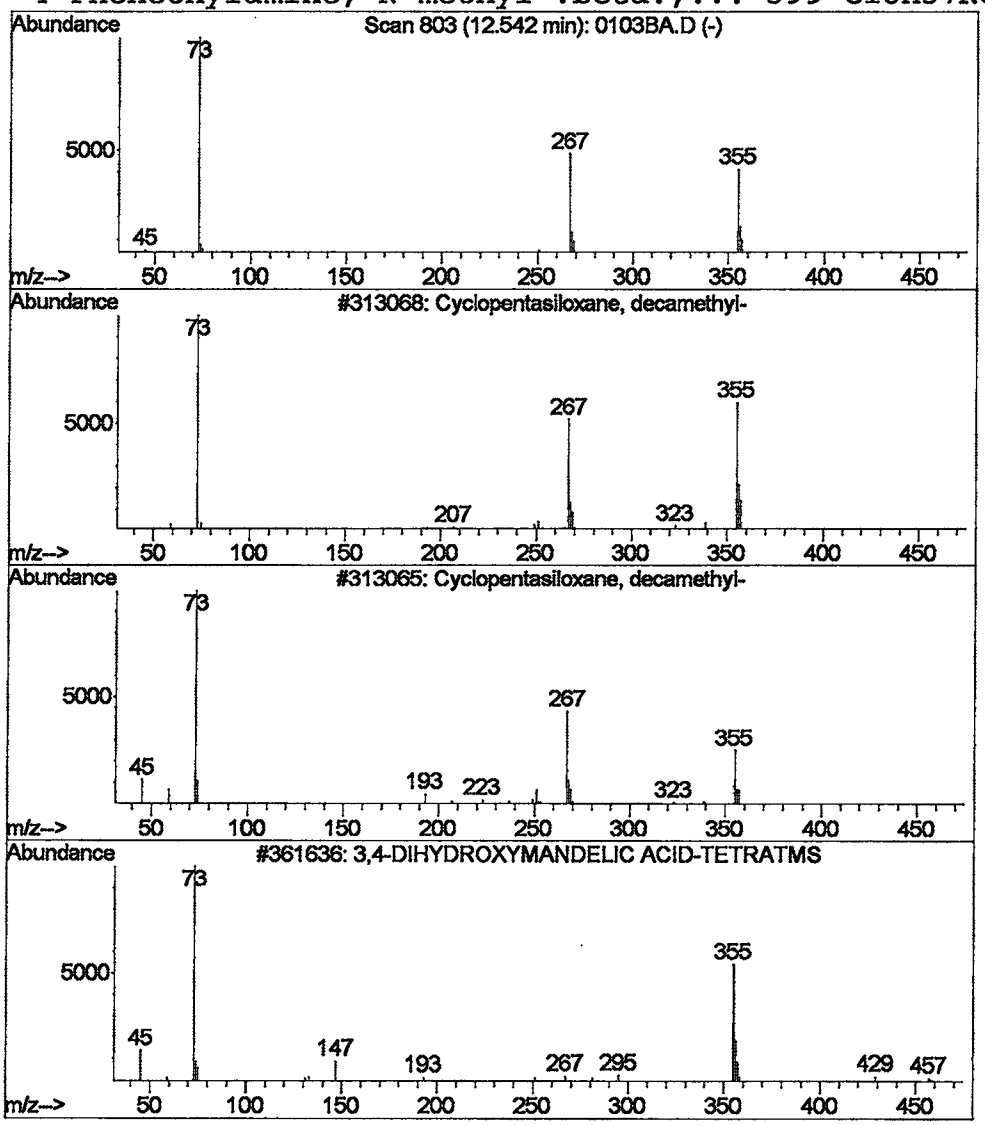
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

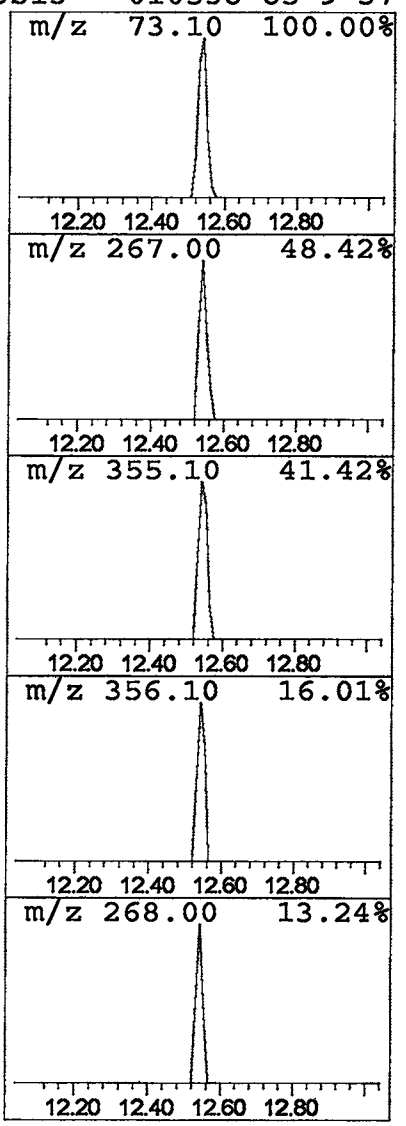
****

Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.13 ug/L	61153	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	3,4-DIHYDROXYMANDELIC ACID-TETRATMS	472	C20H40O5Si4	000000-00-0	37
4	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 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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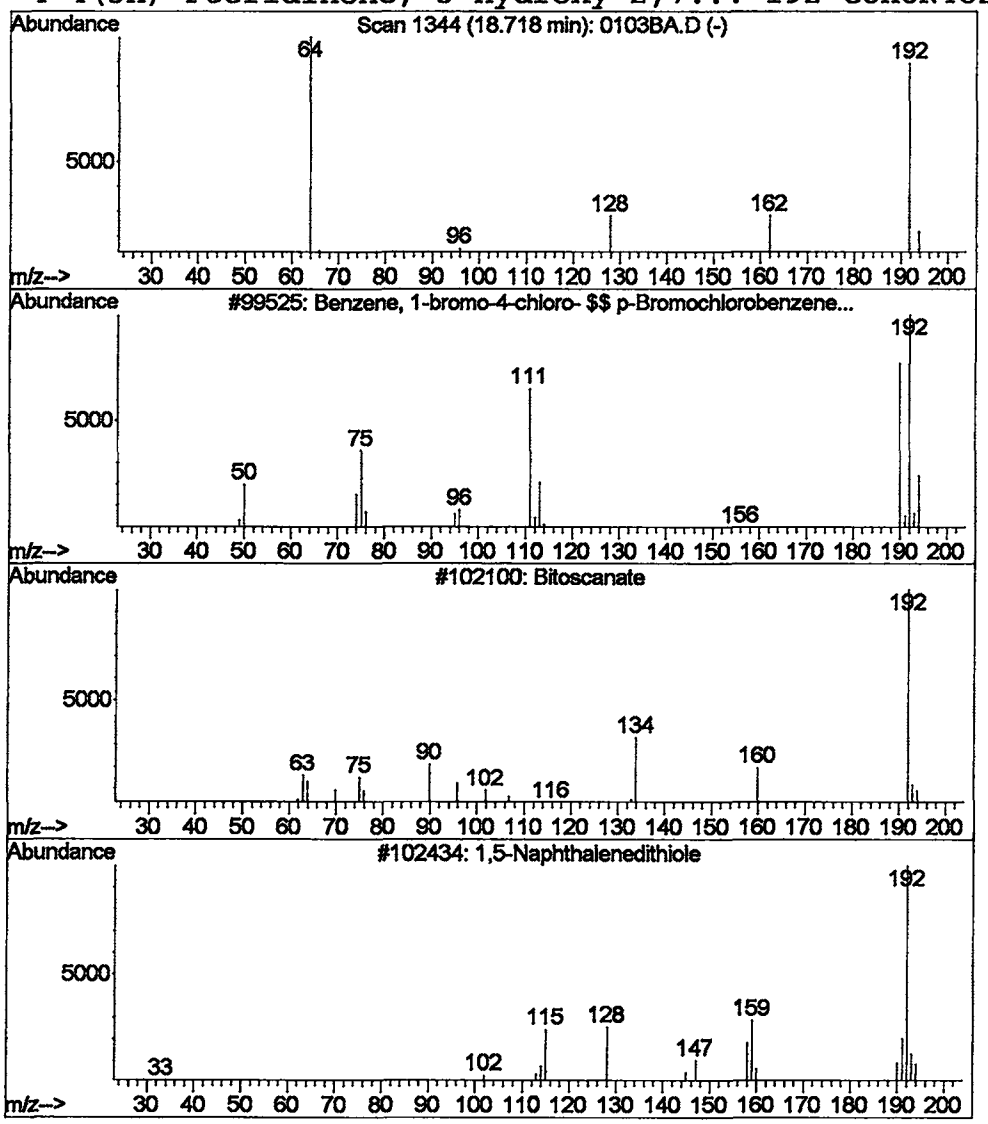
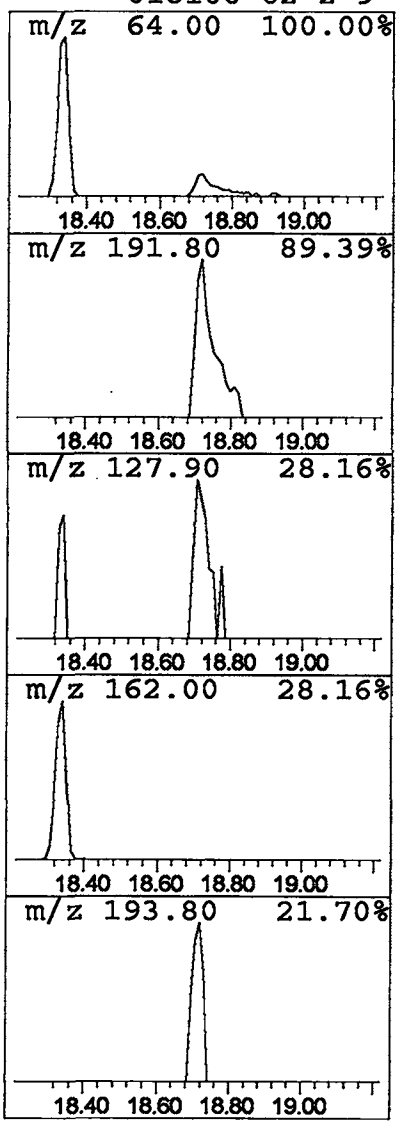
Peak Number 7 Benzene, 1-bromo-4-chloro- ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	0.09 ug/L	47038	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro- $$ p-...	190	C6H4BrCl	000106-39-8	9
2	Bitoscanate	192	C8H4N2S2	004044-65-9	9
3	1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	9
4	4(3H)-Pteridinone, 3-hydroxy-2,7...	192	C8H8N4O2	018106-62-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

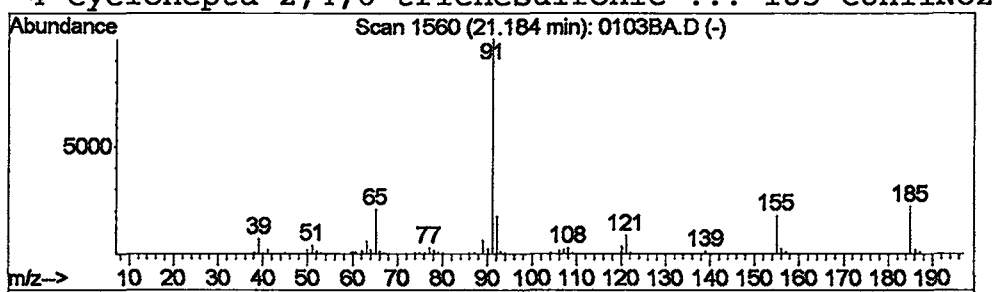
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

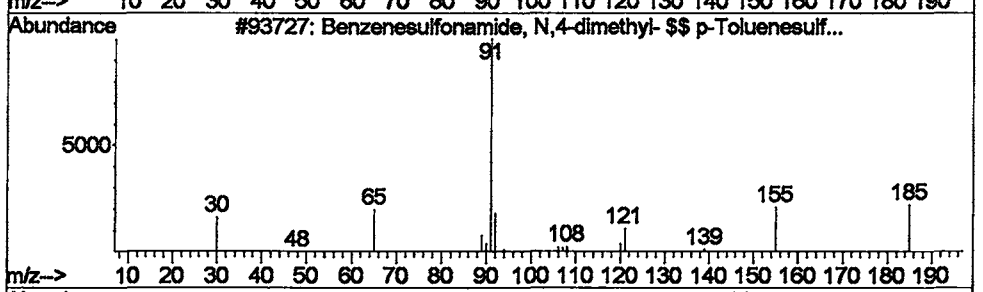
****

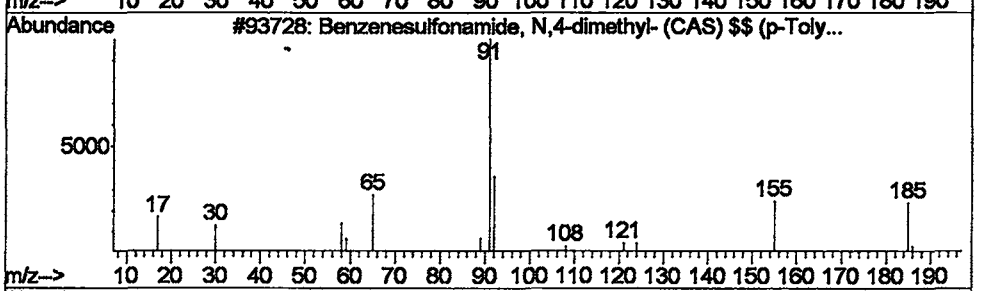
Peak Number 8 Benzenesulfonamide, N,4-dim... Concentration Rank 3

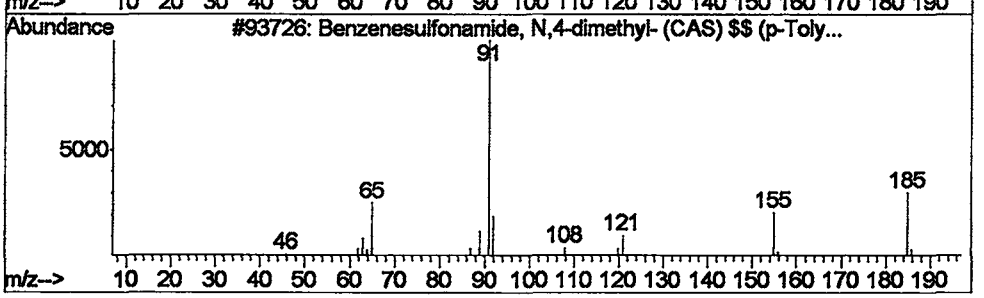
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	1.59 ug/L	924762	Phenanthrene-d10	22.63

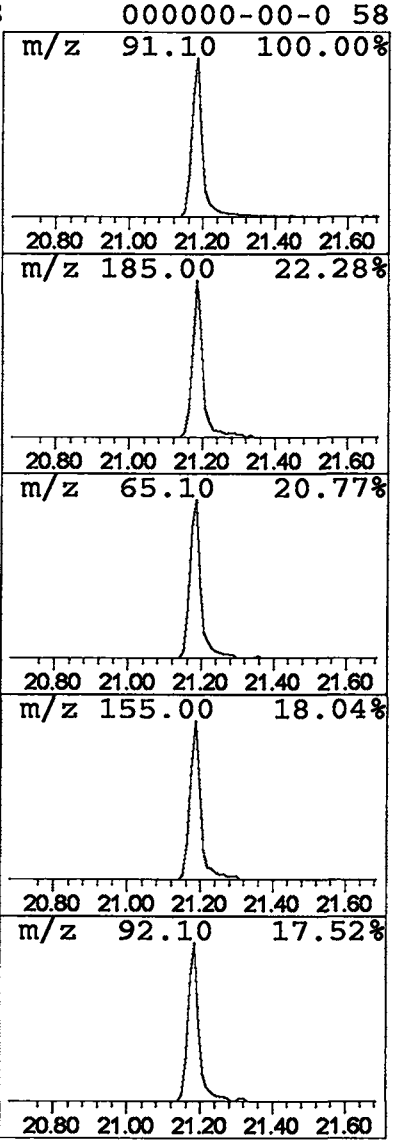
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl...	185	C8H11NO2S	000640-61-9	87
2	Benzenesulfonamide, N,4-dimethyl...	185	C8H11NO2S	000640-61-9	72
3	Benzenesulfonamide, N,4-dimethyl...	185	C8H11NO2S	000640-61-9	64
4	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	000000-00-0	58











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

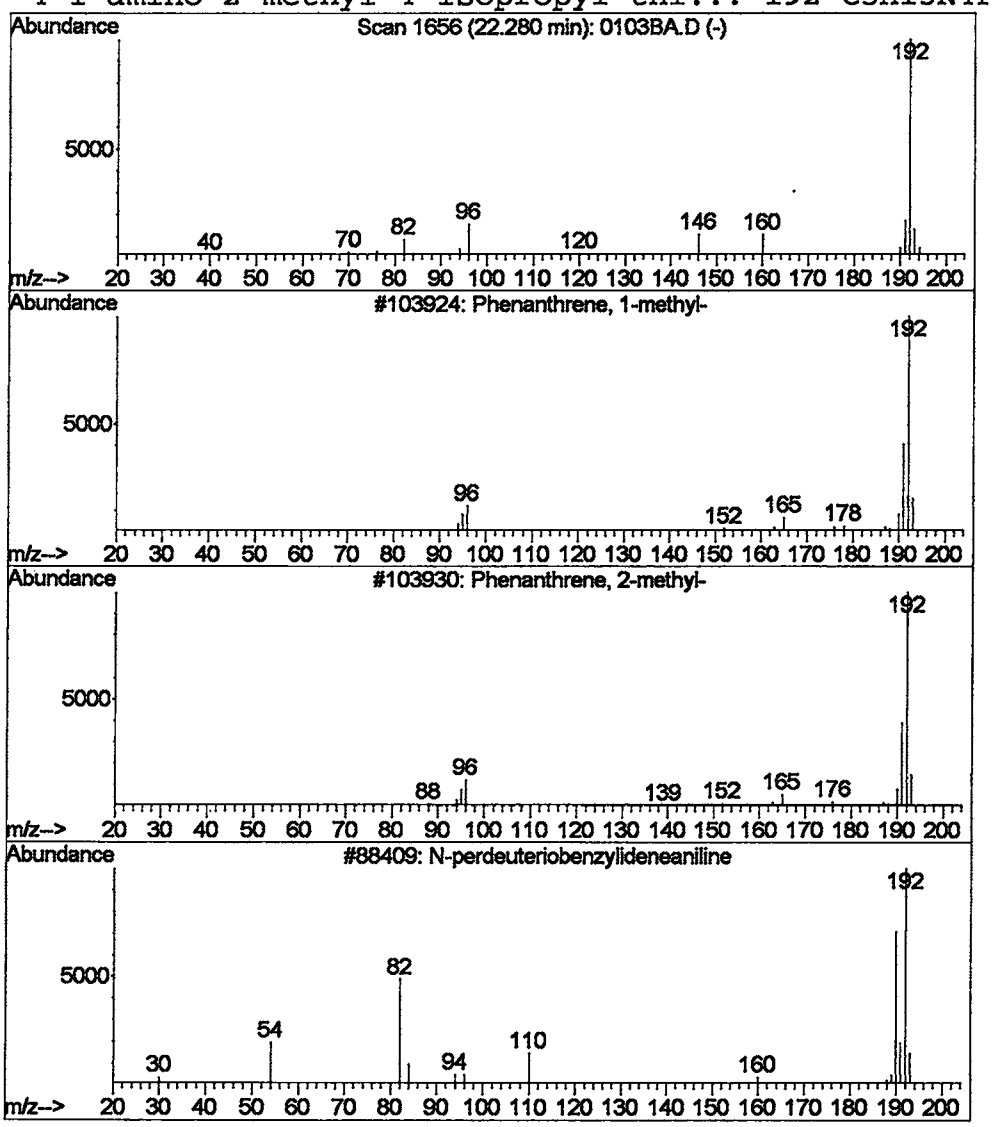
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

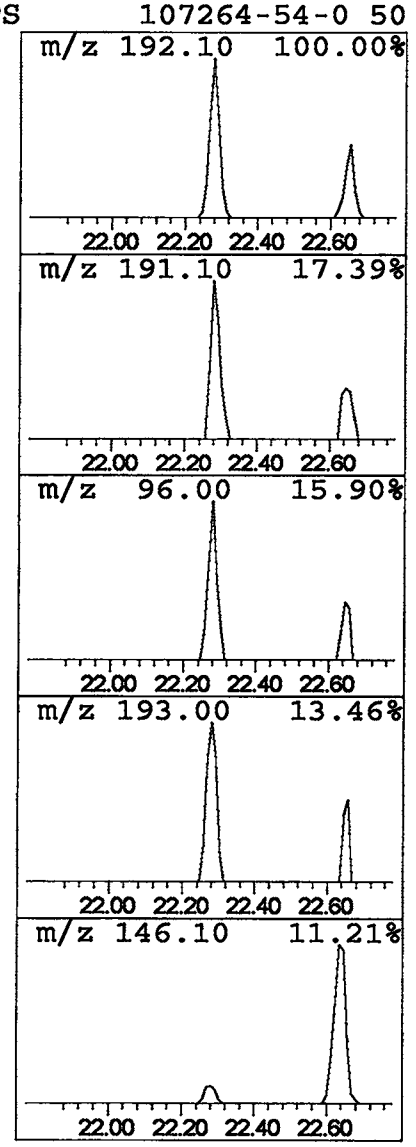
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	84183	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

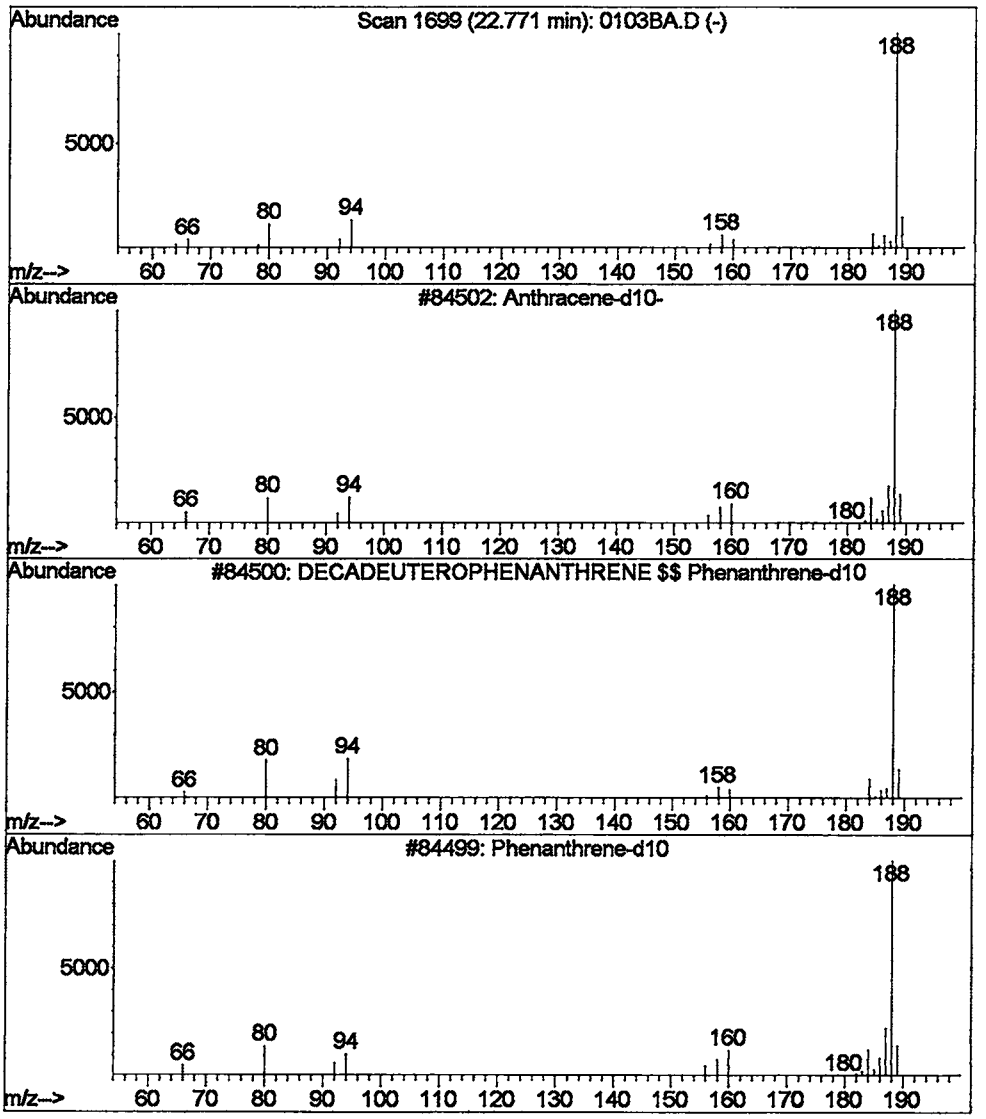
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

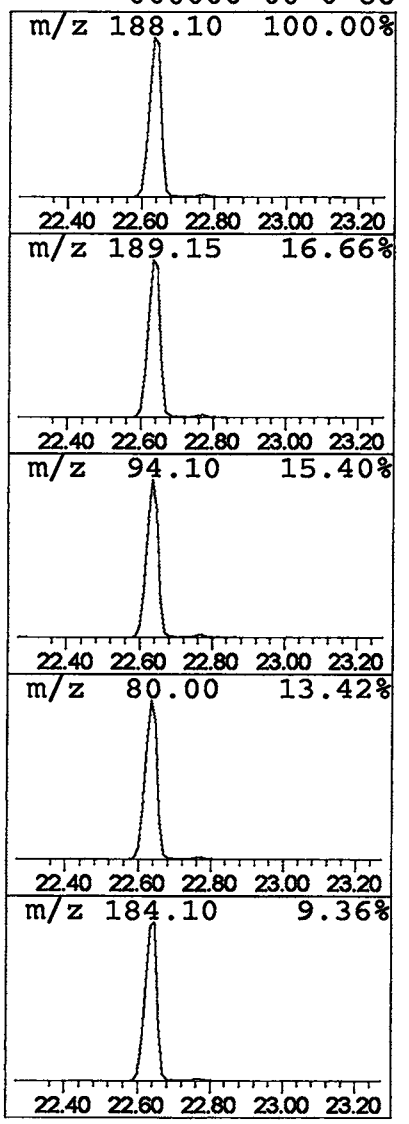
****

Peak Number 10 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	170738	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
3	Phenanthrene-d10	188	C14D10	001517-22-2	90
4	Anthracene-D10	188	C14D10	000000-00-0	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\0103BA.D Vial: 1
Acq On : 22 Jan 2002 10:32 am Operator:
Sample : lab blank 1/3 a Inst : Instrumen
Misc : January 22, 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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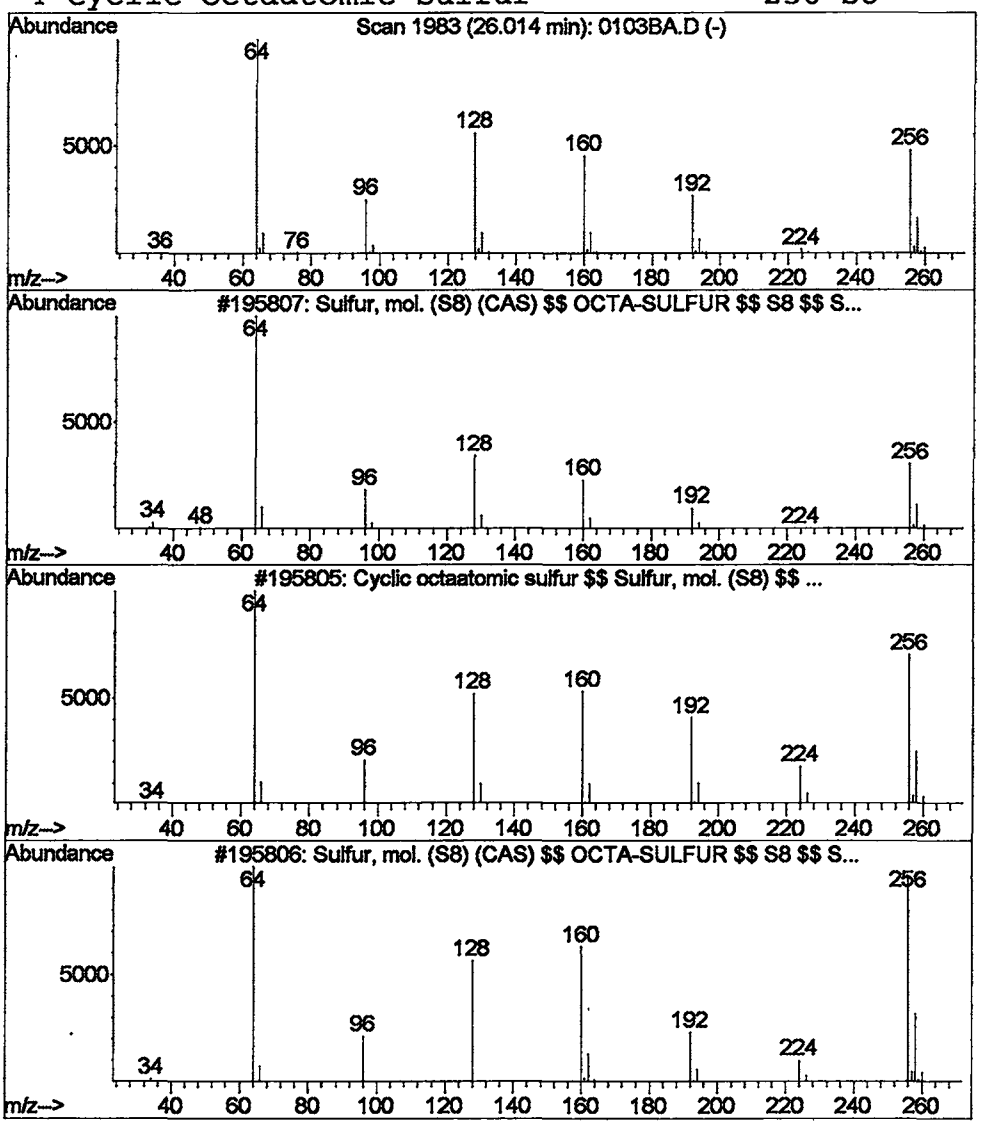
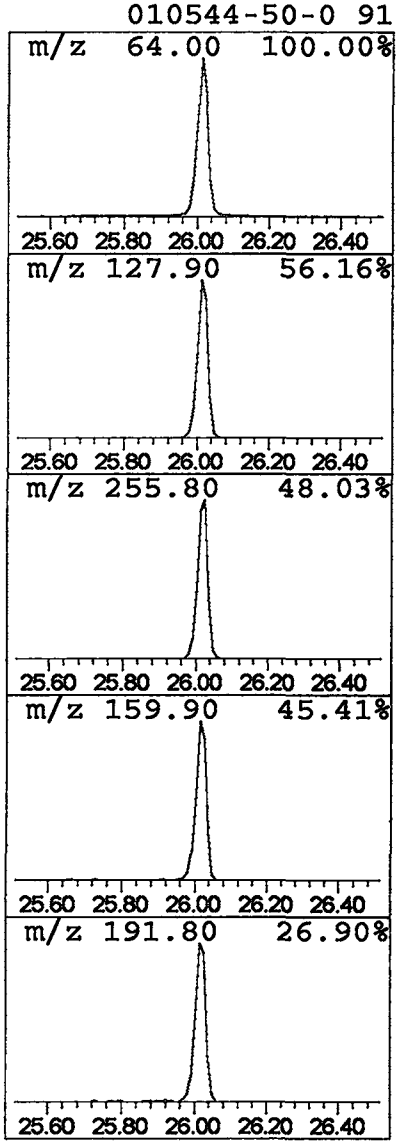
Peak Number 11 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	3.04 ug/L	1767780	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	96
2	Cyclic octaatomic sulfur $$ Sulf...	256	S8	010544-50-0	95
3	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	94
4	Cyclic octaatomic sulfur	256	S8	010544-50-0	91





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Jan 2002 10:32 am
Data File: C:\MSDCHEM\1\5973N\02JAN22\0103BA.D
Name: lab blank 1/3 a
Misc: January 22, 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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.60	0.2	ug/L	52974	1	9.71	6471090	20.0
Furan, tetrahydro...	4.24	0.1	ug/L	31335	1	9.71	6471090	20.0
Benzene, methyl- ...	4.37	0.1	ug/L	47964	1	9.71	6471090	20.0
Silane, tetramethyl-	5.90	1.8	ug/L	591696	1	9.71	6471090	20.0
Cyclotetrasiloxan...	9.41	0.1	ug/L	31316	1	9.71	6471090	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	61153	2	13.19	9353430	20.0
Benzene, 1-bromo-...	18.72	0.1	ug/L	47038	3	18.34	10445700	20.0
Benzenesulfonamid...	21.18	1.6	ug/L	924762	4	22.63	11648700	20.0
Phenanthrene, 1-m...	22.28	0.1	ug/L	84183	4	22.63	11648700	20.0
Anthracene-d10-	22.77	0.3	ug/L	170738	4	22.63	11648700	20.0
Sulfur, mol. (S8)...	26.01	3.0	ug/L	1767780	4	22.63	11648700	20.0