User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 12:32:27

Sample: AE09329
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/7/02 12:27 Ended: 5/7/02 12:27 Analyst: MF
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		< 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\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 10:58:01 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	3195013	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	12775123	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	6893545	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	9878886	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	7324957	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	4767488	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	207	411564	7.57	ug/L	0.00
Spiked Amount 10.000			Recovery = 75.70%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			

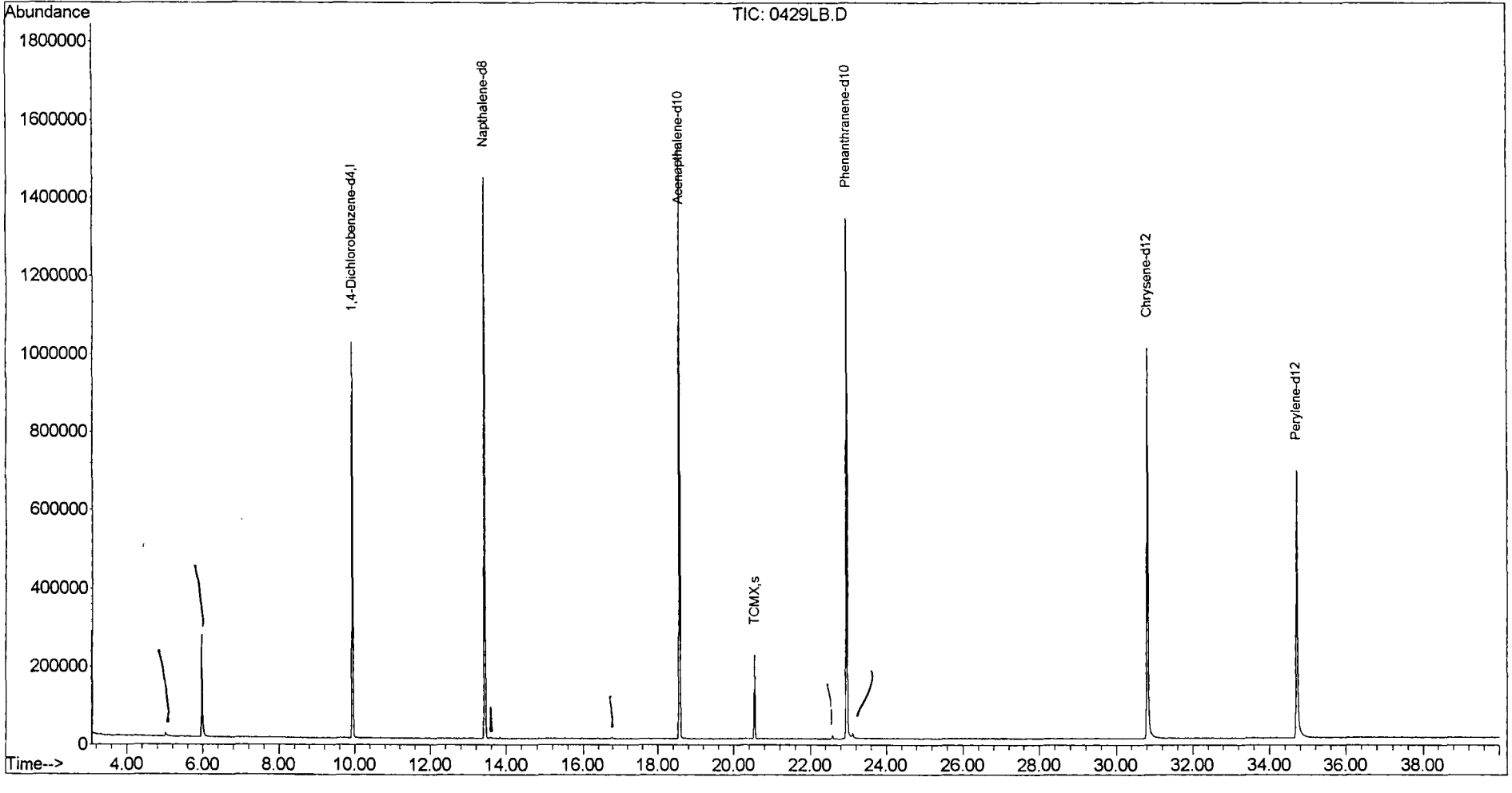
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0429LB.D 050102.M Mon May 06 10:58:16 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 10:58 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:47:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

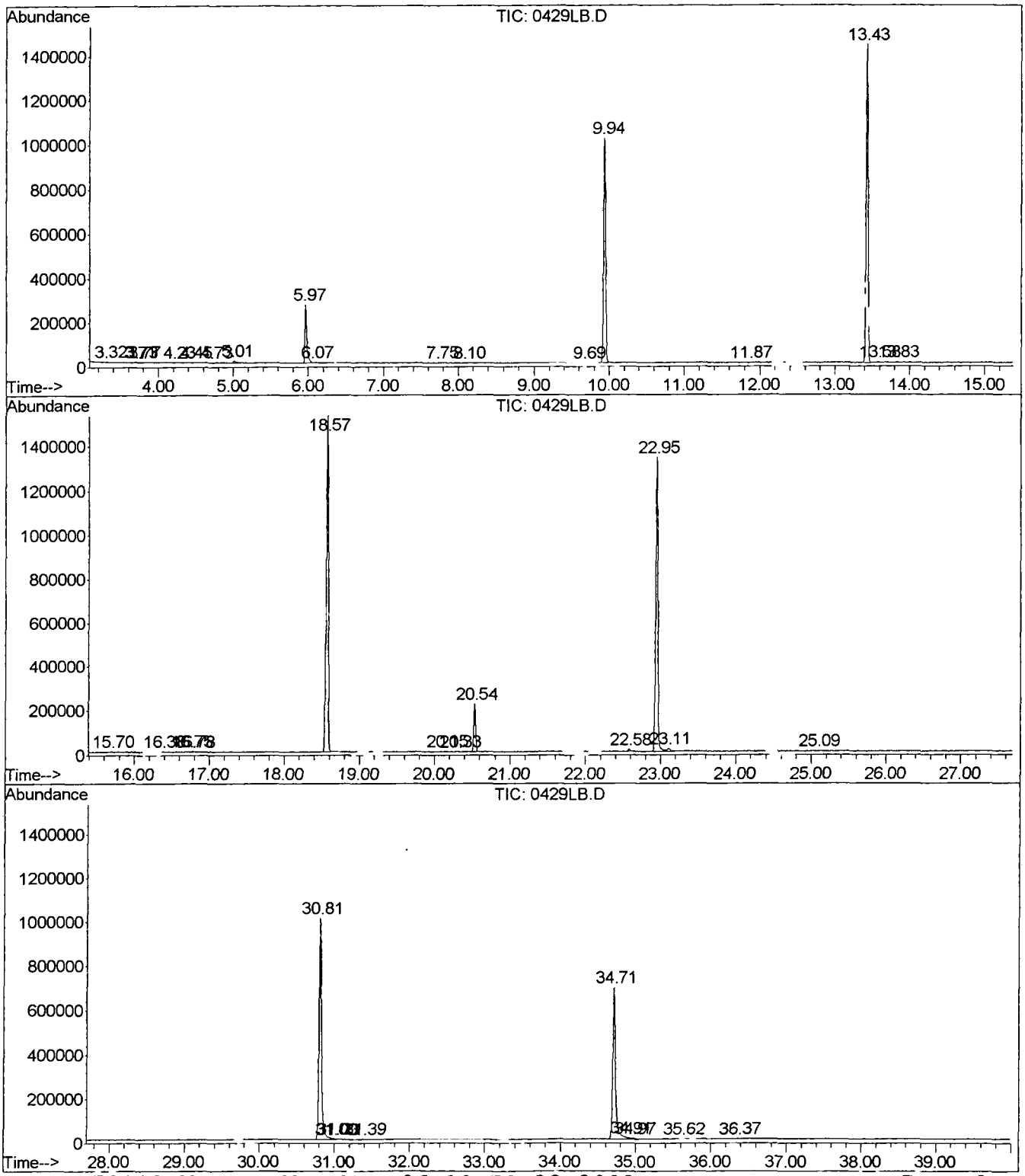
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.314	36	40	46	PV 5	2789	35924	0.13%	0.024%
2	3.708	100	107	108	PV 5	1808	32132	0.11%	0.021%
3	3.725	108	110	115	VV 4	2339	44301	0.16%	0.029%
4	3.767	115	117	122	VV 3	2297	48981	0.17%	0.032%
5	4.231	192	196	202	VV 6	2446	48311	0.17%	0.032%
6	4.454	232	234	236	PV 2	1748	11062	0.04%	0.007%
7	4.730	272	281	286	PV 5	1765	38502	0.14%	0.025%
8	5.012	321	329	346	VV 2	9691	303097	1.07%	0.198%
9	5.964	480	491	508	VV	256520	4714476	16.61%	3.087%
10	6.076	508	510	513	VV 2	3048	39622	0.14%	0.026%
11	7.744	791	794	800	VV 3	2892	61552	0.22%	0.040%
12	8.097	852	854	857	PV	1454	12201	0.04%	0.008%
13	9.689	1121	1125	1136	VV 4	2341	63694	0.22%	0.042%
14	9.936	1150	1167	1191	PV	1008600	19501608	68.70%	12.768%
15	11.869	1492	1496	1502	PV 3	2100	29775	0.10%	0.019%
16	13.432	1748	1762	1779	PV	1437066	26187602	92.25%	17.146%
17	13.585	1783	1788	1794	VV	4156	81297	0.29%	0.053%
18	13.831	1825	1830	1840	VV 6	3465	52815	0.19%	0.035%
19	15.700	2144	2148	2156	PV 2	2070	35580	0.13%	0.023%
20	16.381	2255	2264	2272	PV 3	1964	44615	0.16%	0.029%
21	16.746	2323	2326	2329	VV	2816	35659	0.13%	0.023%
22	16.781	2329	2332	2340	VV 2	3607	71734	0.25%	0.047%
23	18.567	2626	2636	2655	PV	1497915	28386725	100.00%	18.585%
24	20.148	2897	2905	2912	VV 2	3034	64878	0.23%	0.042%
25	20.330	2934	2936	2940	VV	1623	13433	0.05%	0.009%
26	20.541	2960	2972	2979	VV	214780	3825748	13.48%	2.505%
27	22.580	3314	3319	3326	VV 3	9925	164441	0.58%	0.108%
28	22.956	3366	3383	3402	PV 2	1329295	27307716	96.20%	17.879%
29	23.109	3402	3409	3424	VV 3	13679	446810	1.57%	0.293%
30	25.089	3743	3746	3751	VV 2	1468	17321	0.06%	0.011%
31	30.812	4709	4720	4751	PV 2	991142	22938581	80.81%	15.018%
32	31.006	4751	4753	4755	VV 2	4608	49920	0.18%	0.033%
33	31.029	4755	4757	4761	VV 3	4092	65800	0.23%	0.043%
34	31.388	4812	4818	4823	PV 6	2370	38548	0.14%	0.025%
35	34.707	5370	5383	5416	PV 2	674598	17584384	61.95%	11.513%
36	34.907	5416	5417	5426	VV 5	6286	165554	0.58%	0.108%
37	34.966	5426	5427	5441	VV 6	3550	134890	0.48%	0.088%

39	36.364	5663	5665	5672	PV	2	1679	19528	0.07%	0.013%

Sum of corrected areas: 152736050

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050202\0429LB.D
Operator : Mclean
Acquired : 2 May 2002 3:38 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name:
Misc Info :
Vial Number: 6
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

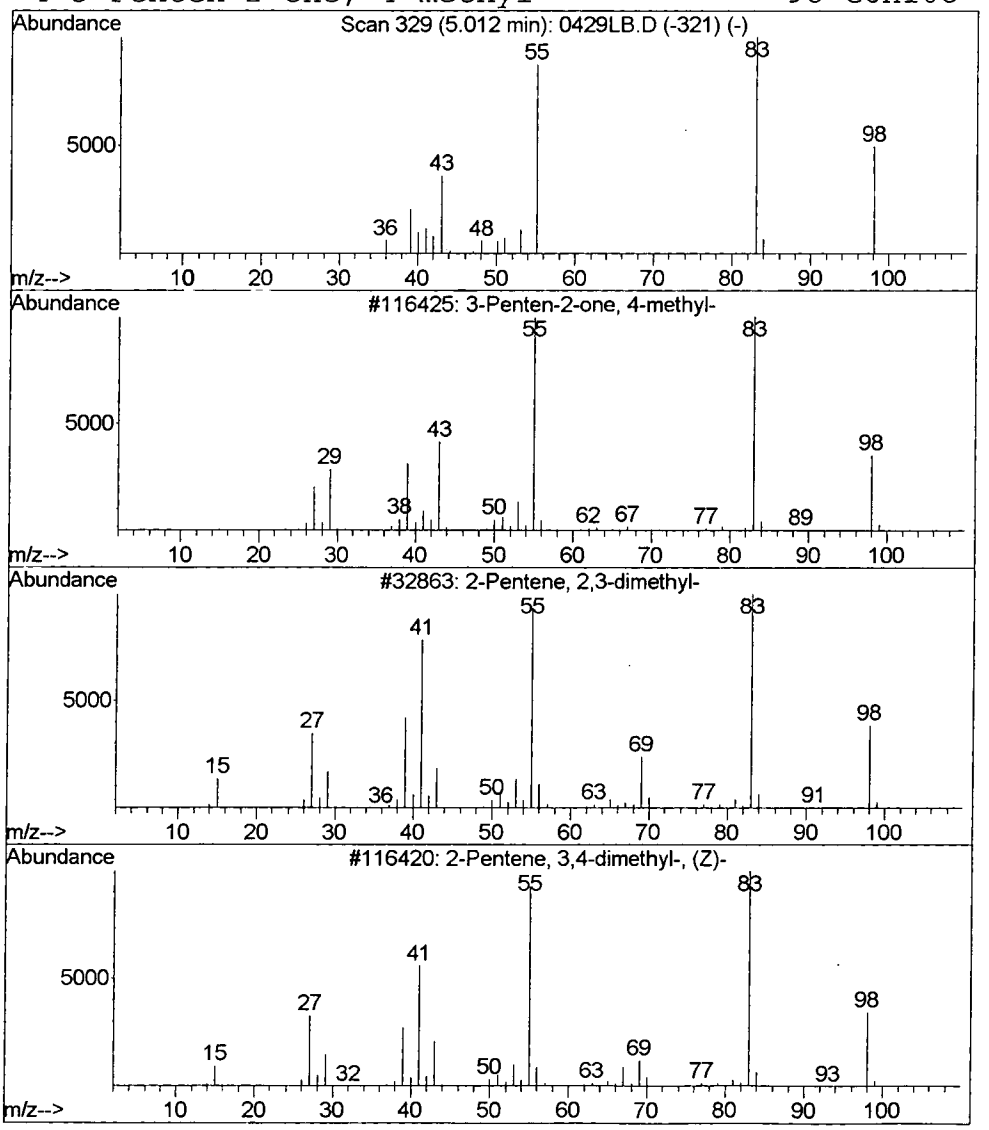
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

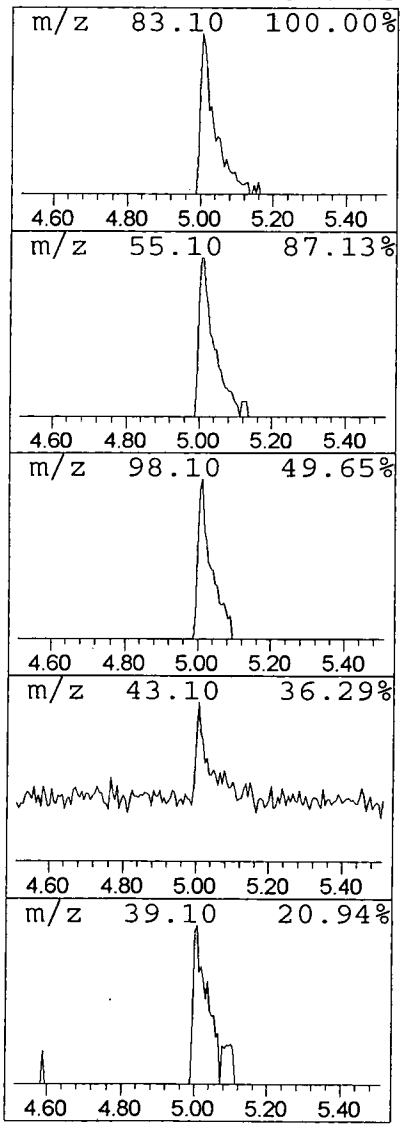
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.62 ug/L	303097	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78





Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

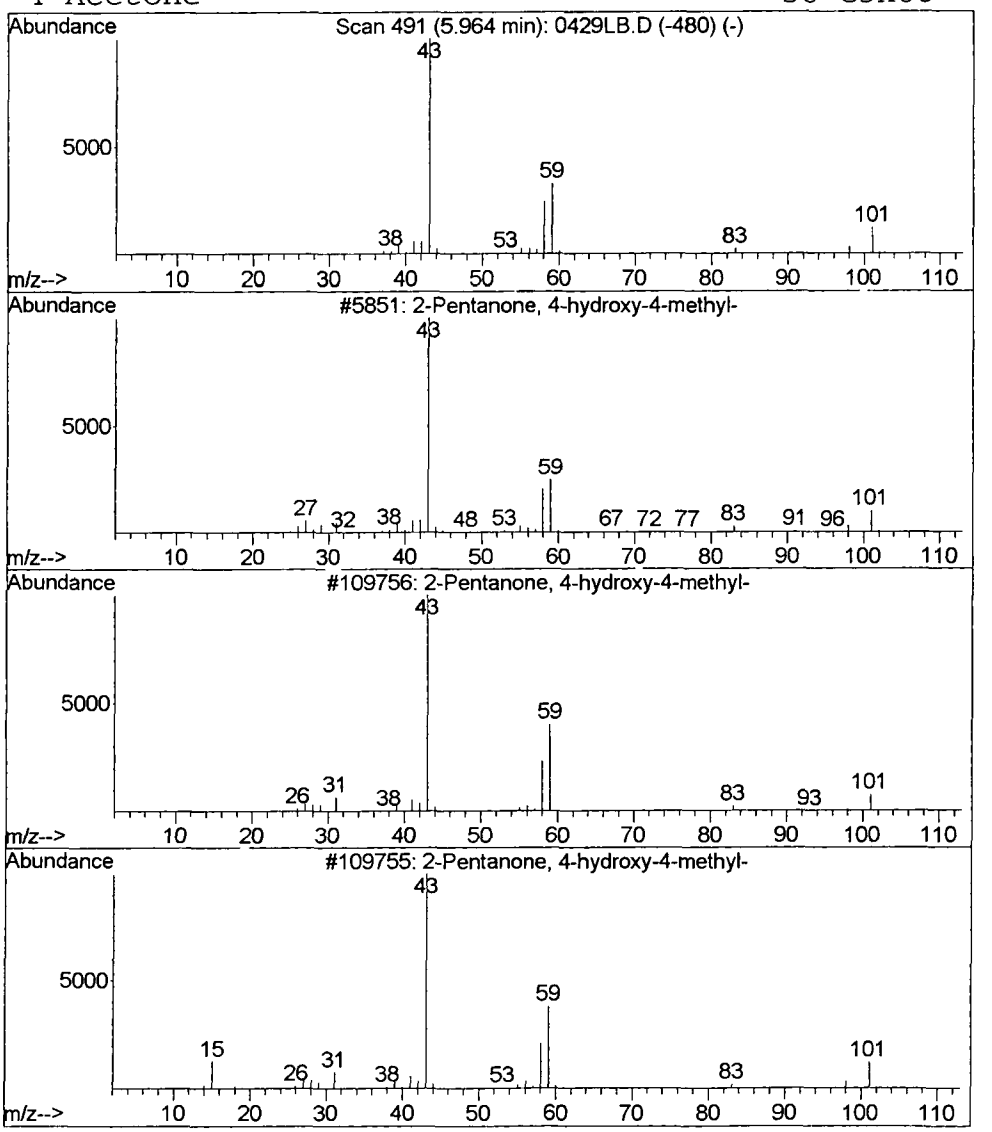
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

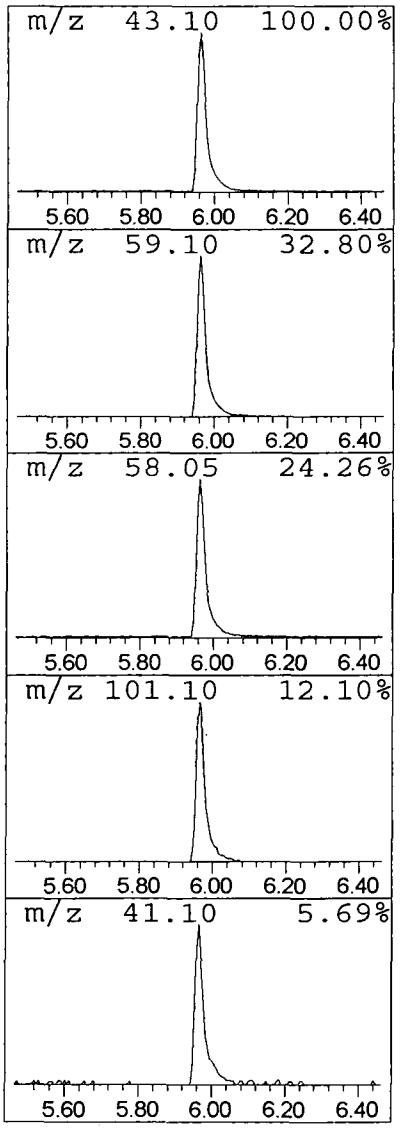
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	9.67 ug/L	4714480	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
4	Acetone	58	C3H6O	000067-64-1	38





Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D
Acq On : 2 May 2002 3:38 pm
Sample :
Misc :
MS Integration Params: LSCINT.e

Vial: 6
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

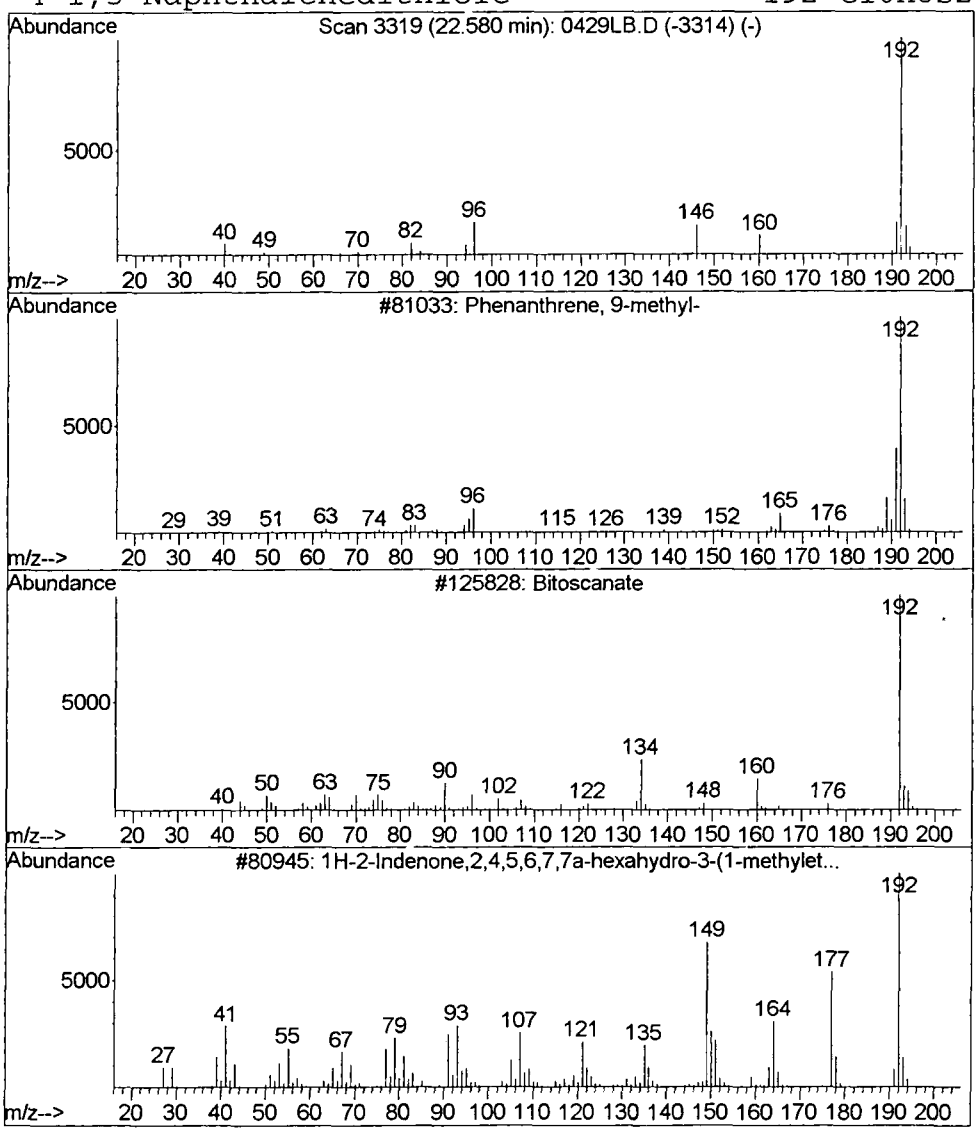
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

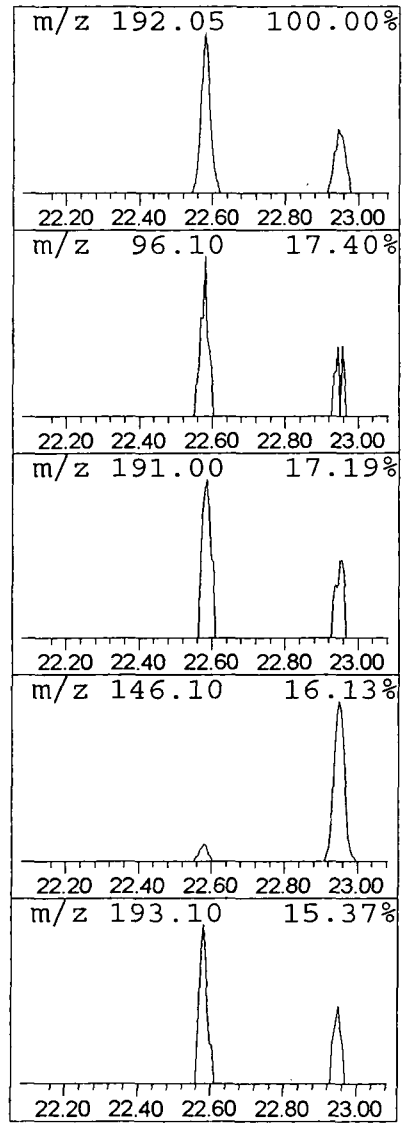
****

Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.24 ug/L	164441	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	Bitoscanate	192	C8H4N2S2	004044-65-9	42
3	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	36





Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

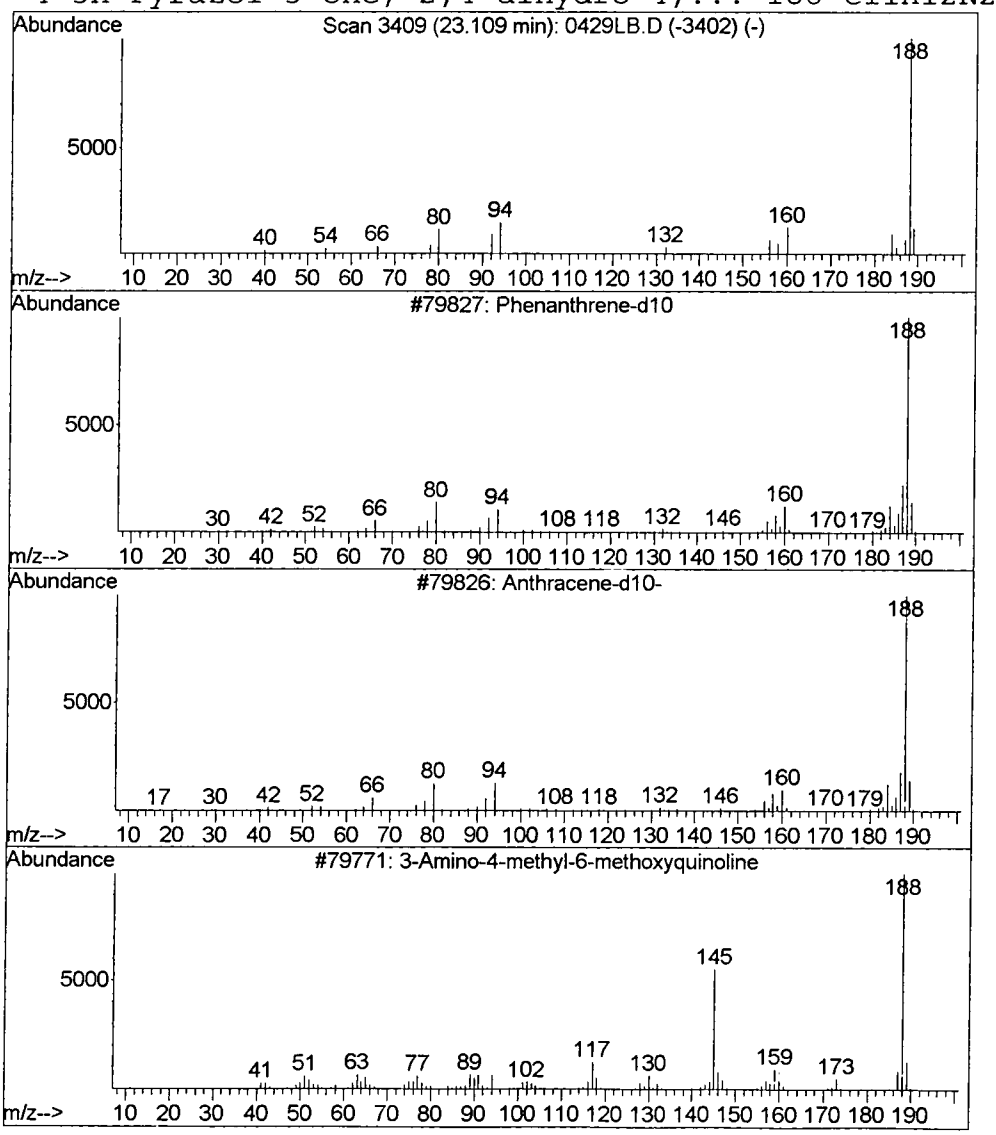
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

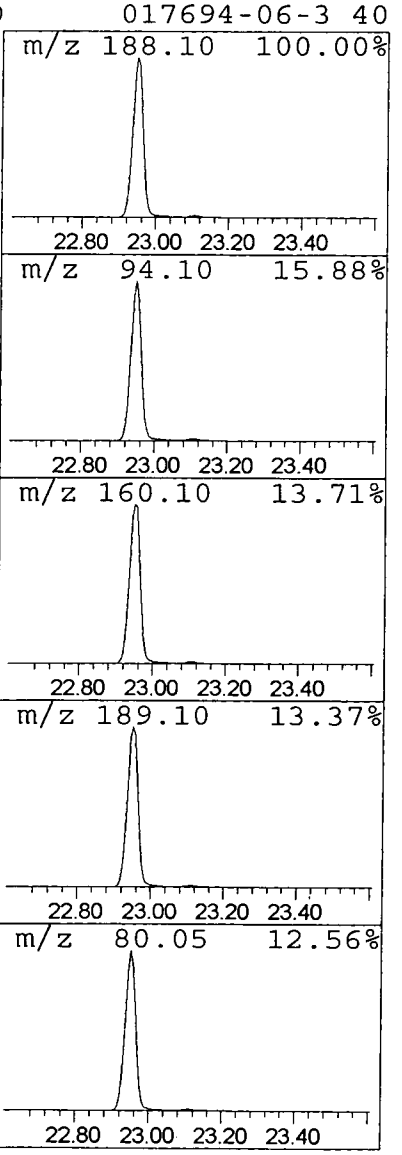
****

Peak Number 4 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.65 ug/L	446810	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	94
2	Anthracene-d10-	188	C14D10	001719-06-8	90
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42
4	3H-Pyrazol-3-one, 2,4-dihydro-4,...	188	C11H12N2O	017694-06-3	40





Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

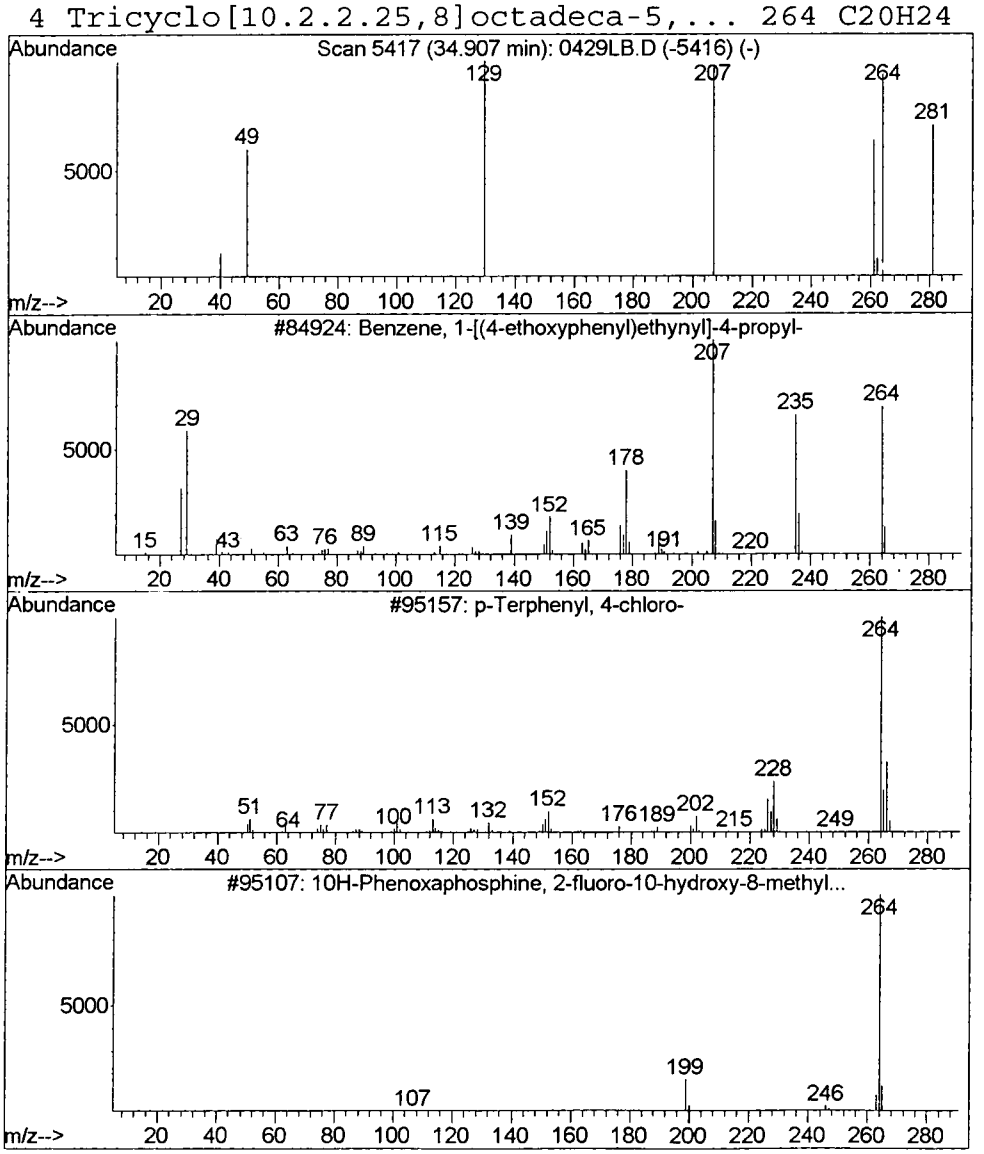
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

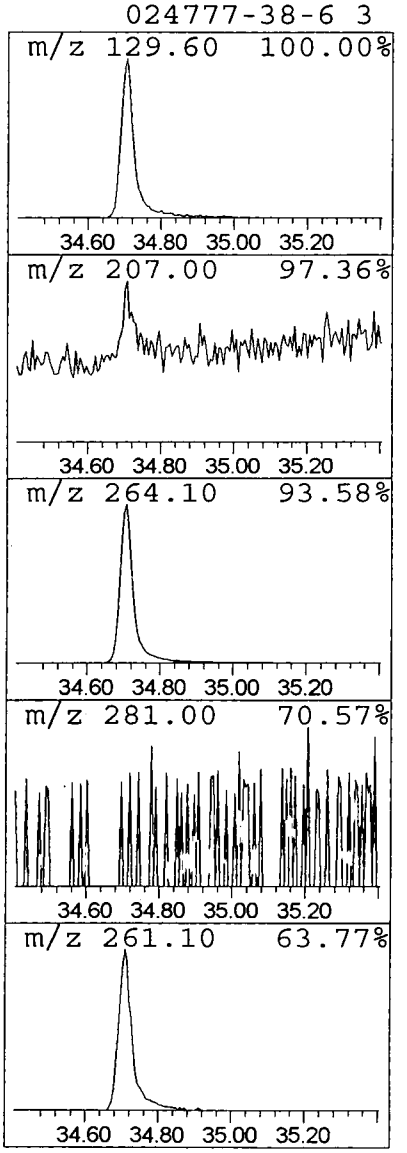
****

Peak Number 5 Benzene, 1-[(4-ethoxyphenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.91	0.38 ug/L	165554	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-[(4-ethoxyphenyl)ethy...	264	C19H20O	039969-29-4	5
2	p-Terphenyl, 4-chloro-	264	C18H13Cl	001762-83-0	3
3	10H-Phenoxaphosphine, 2-fluoro-1...	264	C13H10FO3P	037041-12-6	3
4	Tricyclo[10.2.2.25,8]octadeca-5,...	264	C20H24	024777-38-6	3





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050202\0429LB.D Vial: 6
Acq On : 2 May 2002 3:38 pm Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

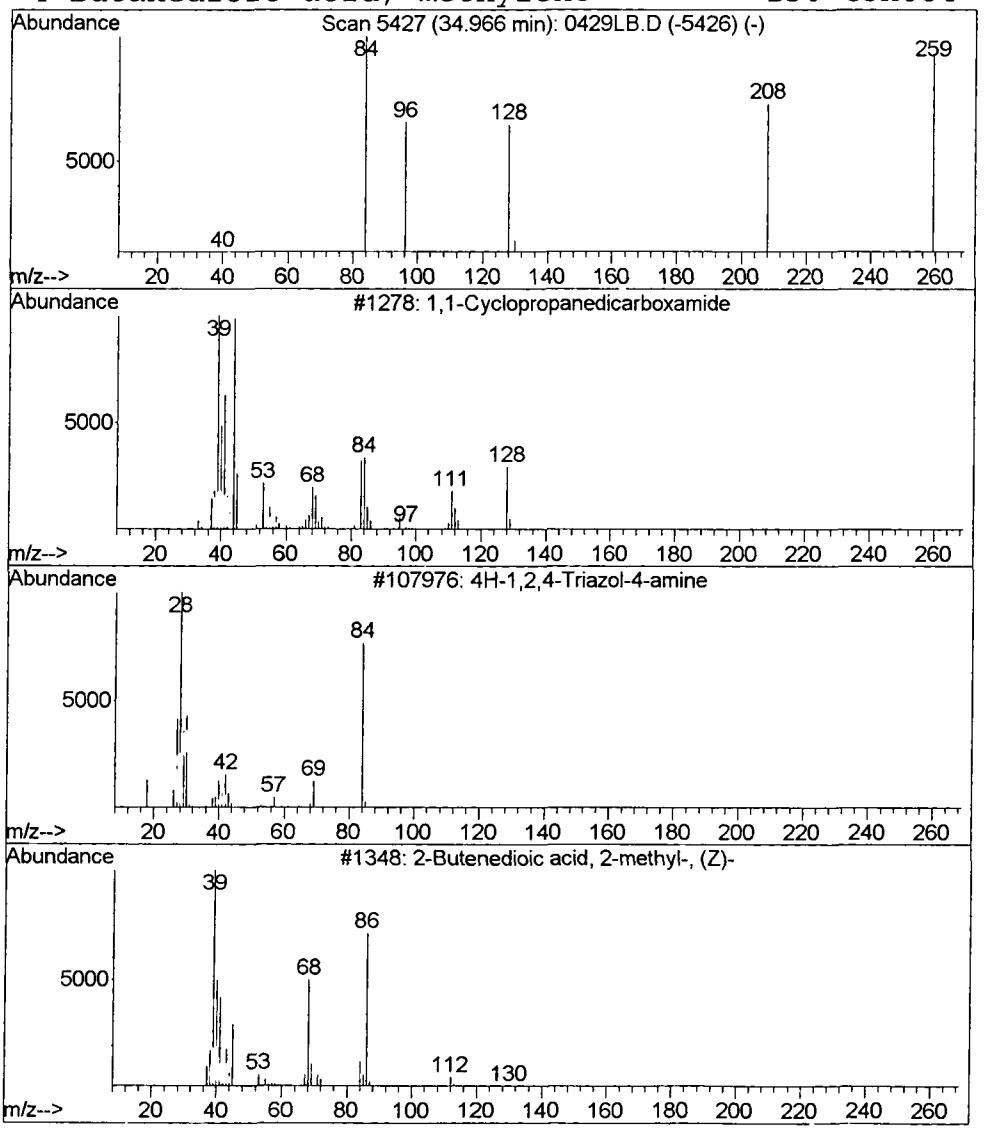
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

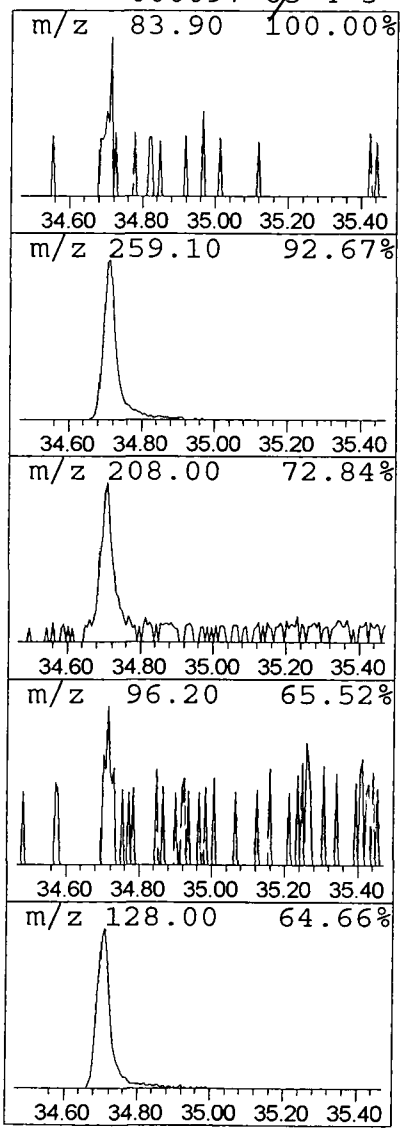
****

Peak Number 6 1,1-Cyclopropanedicarboxamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.97	0.31 ug/L	134890	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Cyclopropanedicarboxamide	128	C5H8N2O2	1000224-97-7	4
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
3	2-Butenedioic acid, 2-methyl-, (Z)-	130	C5H6O4	000498-23-7	3
4	Butanedioic acid, methylene-	130	C5H6O4	000097-65-4	3





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 2 May 2002 3:38 pm
Data File: C:\MSDCHEM\1\DATA\050202\0429LB.D
Name:
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
3-Penten-2-one, 4...	5.01	0.6	ug/L	303097	1	9.94	19501600	40.0
2-Pentanone, 4-hy...	5.97	9.7	ug/L	4714480	1	9.94	19501600	40.0
Phenanthrene, 9-m...	22.58	0.2	ug/L	164441	4	22.95	27307700	40.0
Phenanthrene-d10	23.11	0.7	ug/L	446810	4	22.95	27307700	40.0
Benzene, 1-[(4-et...	34.91	0.4	ug/L	165554	6	34.71	17584400	40.0
1,1-Cyclopropaned...	34.97	0.3	ug/L	134890	6	34.71	17584400	40.0