User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 13:50:29

Sample: AE08324
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 13:49 Ended: 5/6/02 13:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE08324 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 13:51:25

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 22 15:46:51 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

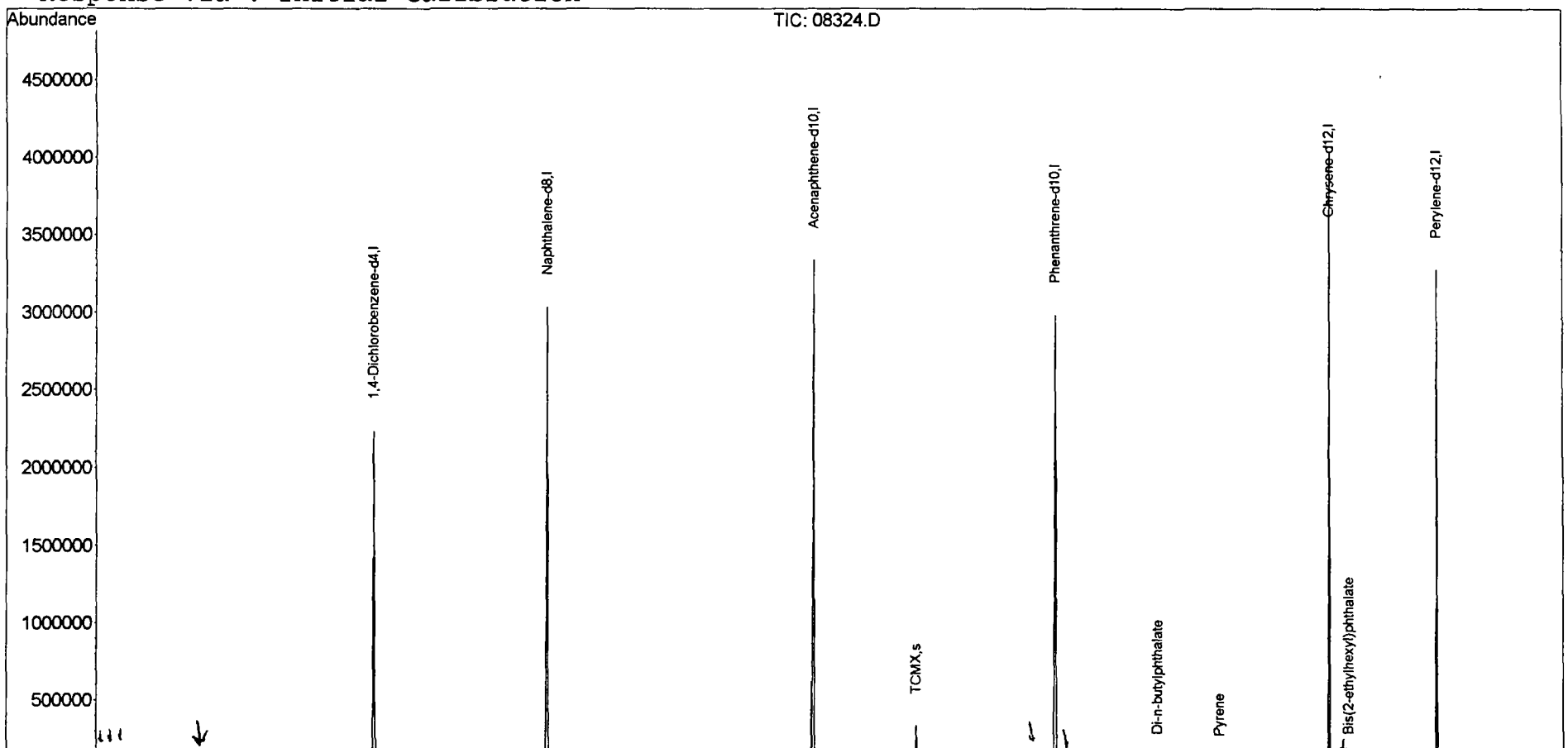
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	11057357	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	42667055	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	23307830	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34733204	40.00	ug/l	-0.06
38) Chrysene-d12	39.94	240	25972216	40.00	ug/l	-0.07
44) Perylene-d12	43.16	264	18334672	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	881501	6.09	ug/l	-0.08
Spiked Amount ~~10.000~~ 8.0			Recovery =	~~60.90%~~ 76.1		
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	225517	0.19	ug/l	98
39) Pyrene	36.66	202	35996	0.03	ug/l	88
43) Bis(2-ethylhexyl)phthalate	40.52	149	95561	0.15	ug/l	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 22 15:49 2002 Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0.01 Peak Location: TOP

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

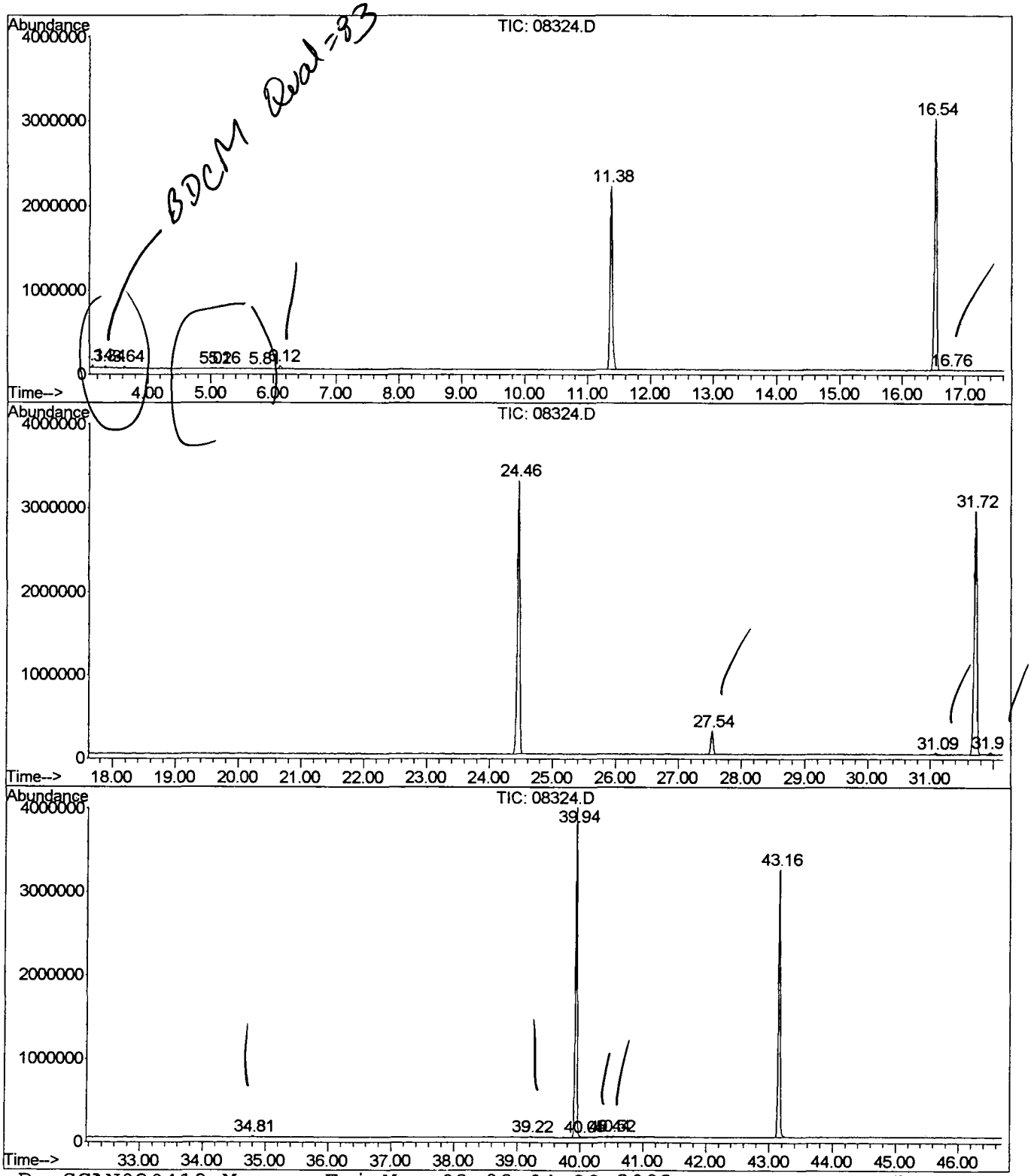
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	3	10	20	BV	2 35090	439218	0.50%	0.095%
2	3.338	41	44	51	VV	2 28888	376356	0.43%	0.081%
3	3.637	89	95	105	PV	2 26365	433217	0.50%	0.094%
4	5.018	326	330	338	PV	5 6353	120185	0.14%	0.026%
5	5.159	349	354	368	VV	4 8827	229500	0.26%	0.050%
6	5.811	461	465	468	PV	2 7224	87447	0.10%	0.019%
7	6.117	512	517	534	VV	3 40187	1042937	1.19%	0.225%
8	11.375	1397	1412	1430	PV	2145768	56057876	64.05%	12.115%
9	16.540	2276	2291	2305	PV	2983885	77582747	88.65%	16.767%
10	16.763	2320	2329	2334	VV	2 6943	120946	0.14%	0.026%
11	24.460	3620	3639	3650	PV	3235216	87517075	100.00%	18.914%
12	27.539	4149	4163	4175	PV	2 275166	7402014	8.46%	1.600%
13	31.094	4757	4768	4784	PV	5 20394	631290	0.72%	0.136%
14	31.723	4857	4875	4887	VV	2 2925705	87054063	99.47%	18.814%
15	31.958	4903	4915	4932	VV	4 26544	808745	0.92%	0.175%
16	34.807	5391	5400	5408	PV	2 17802	397715	0.45%	0.086%
17	39.226	6138	6152	6158	PV	3 13742	245099	0.28%	0.053%
18	39.937	6259	6273	6290	PV	2 3913064	76732322	87.68%	16.583%
19	40.048	6290	6292	6303	VV	2 11276	340388	0.39%	0.074%
20	40.442	6349	6359	6368	PV	3 15835	397505	0.45%	0.086%
21	40.524	6368	6373	6382	VV	3 14527	348175	0.40%	0.075%
22	43.156	6806	6821	6857	PV	2 3163529	64349448	73.53%	13.907%

Sum of corrected areas: 462714269

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08324.D
Operator : Nefliu
Acquired : 19 Apr 2002 5:58 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 11
Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

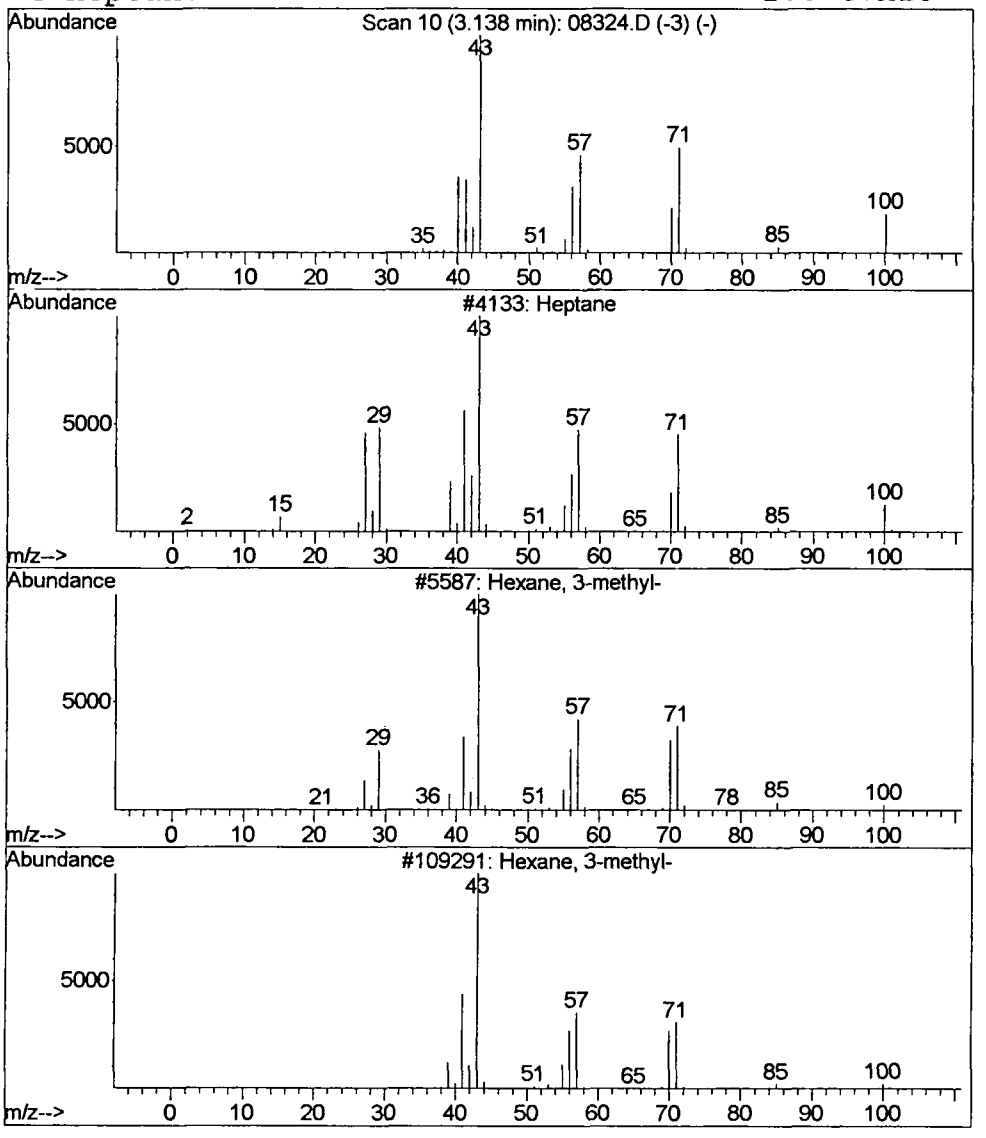
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

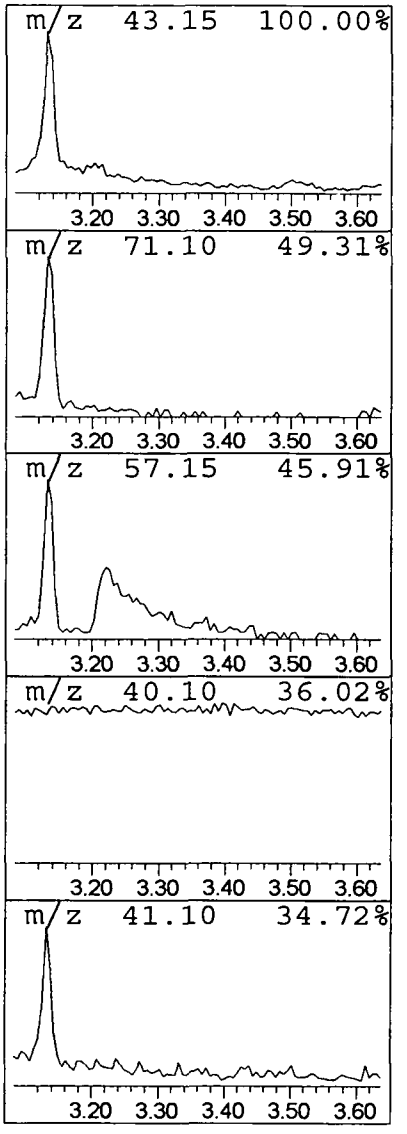
****

Peak Number 1 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.31 ug/l	439218	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
4	Heptane	100	C7H16	000142-82-5	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

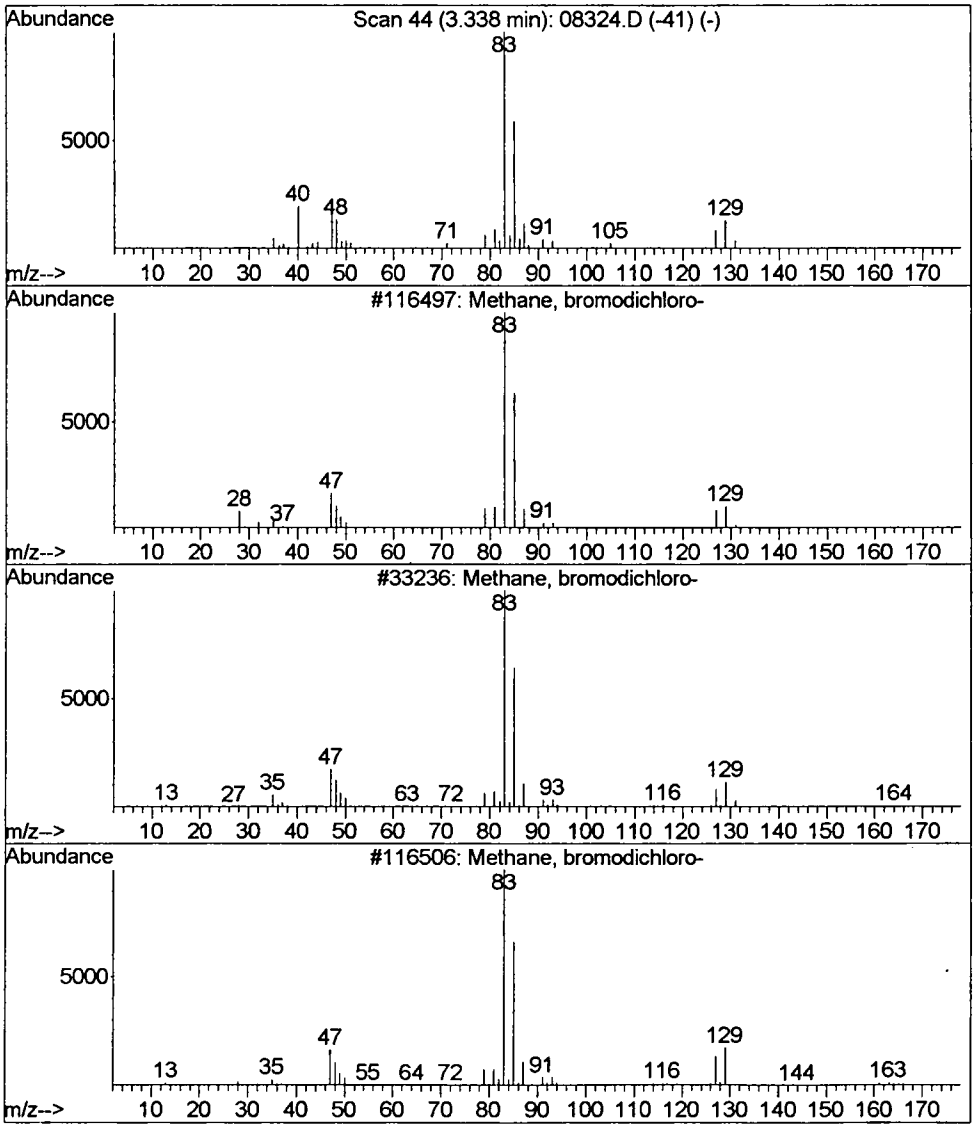
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

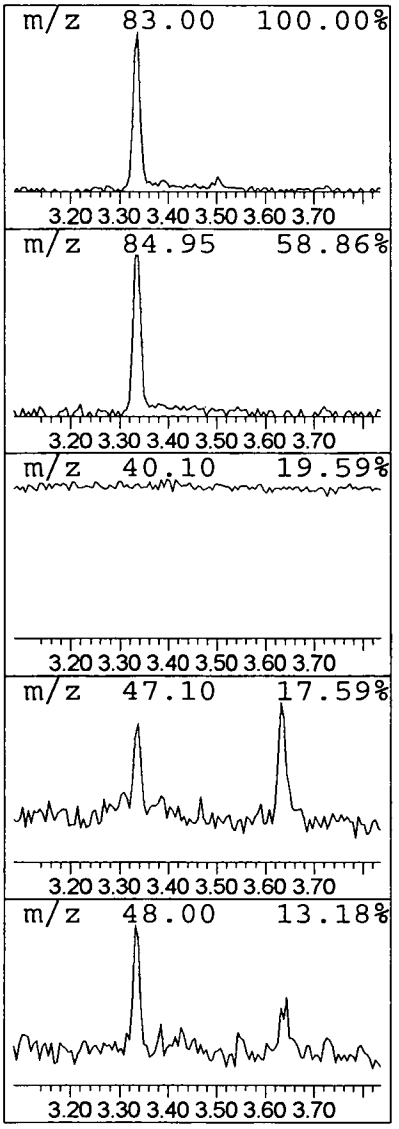
****

Peak Number 2 Methane, bromodichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	0.27 ug/l	376356	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
4	Chloroform	118	CHCl3	000067-66-3	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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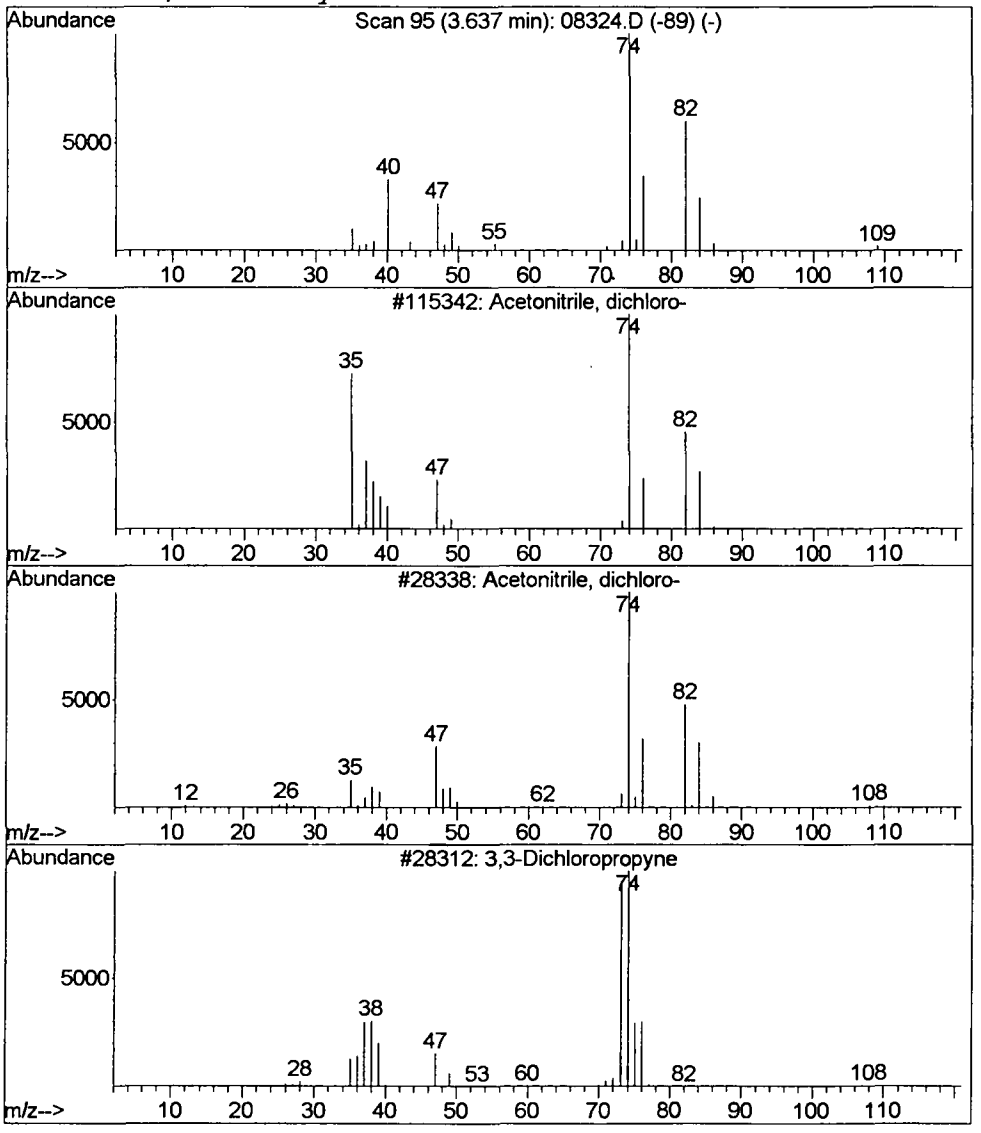
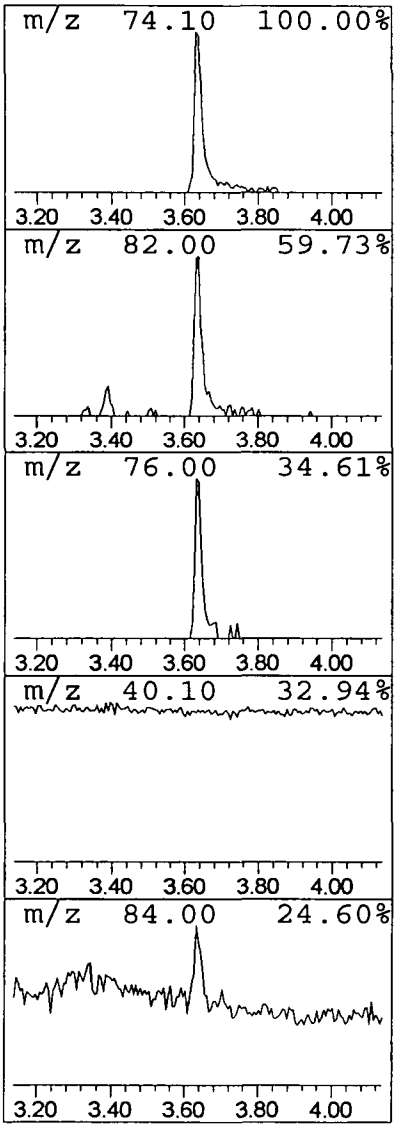
Peak Number 3 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.31 ug/l	433217	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	28
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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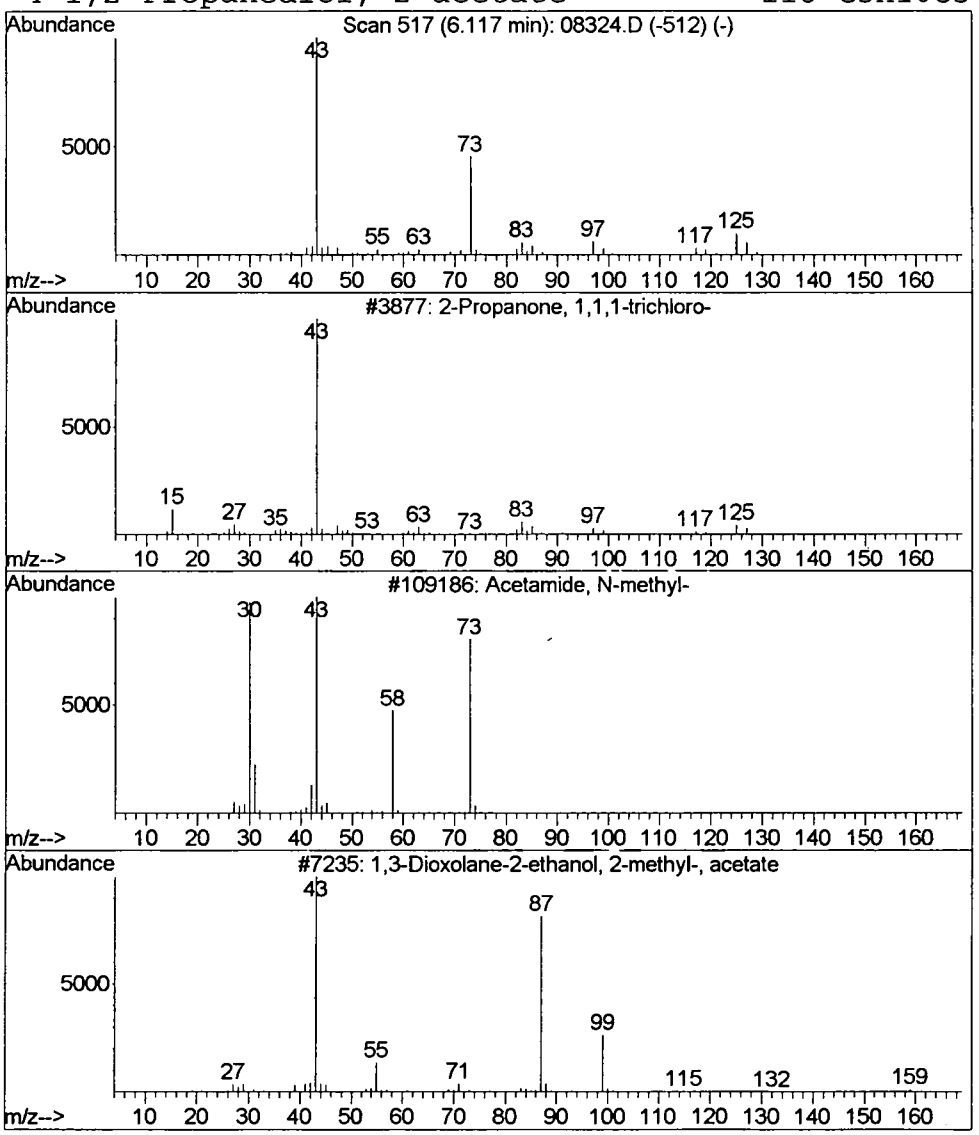
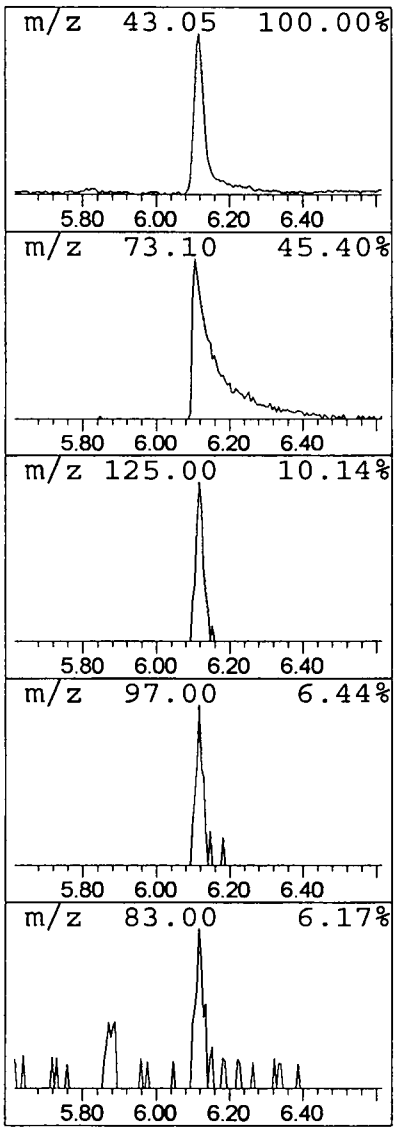
Peak Number 4 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.74 ug/l	1042940	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	1,3-Dioxolane-2-ethanol, 2-methy...	174	C8H14O4	068039-72-5	9
4	1,2-Propanediol, 2-acetate	118	C5H10O3	006214-01-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

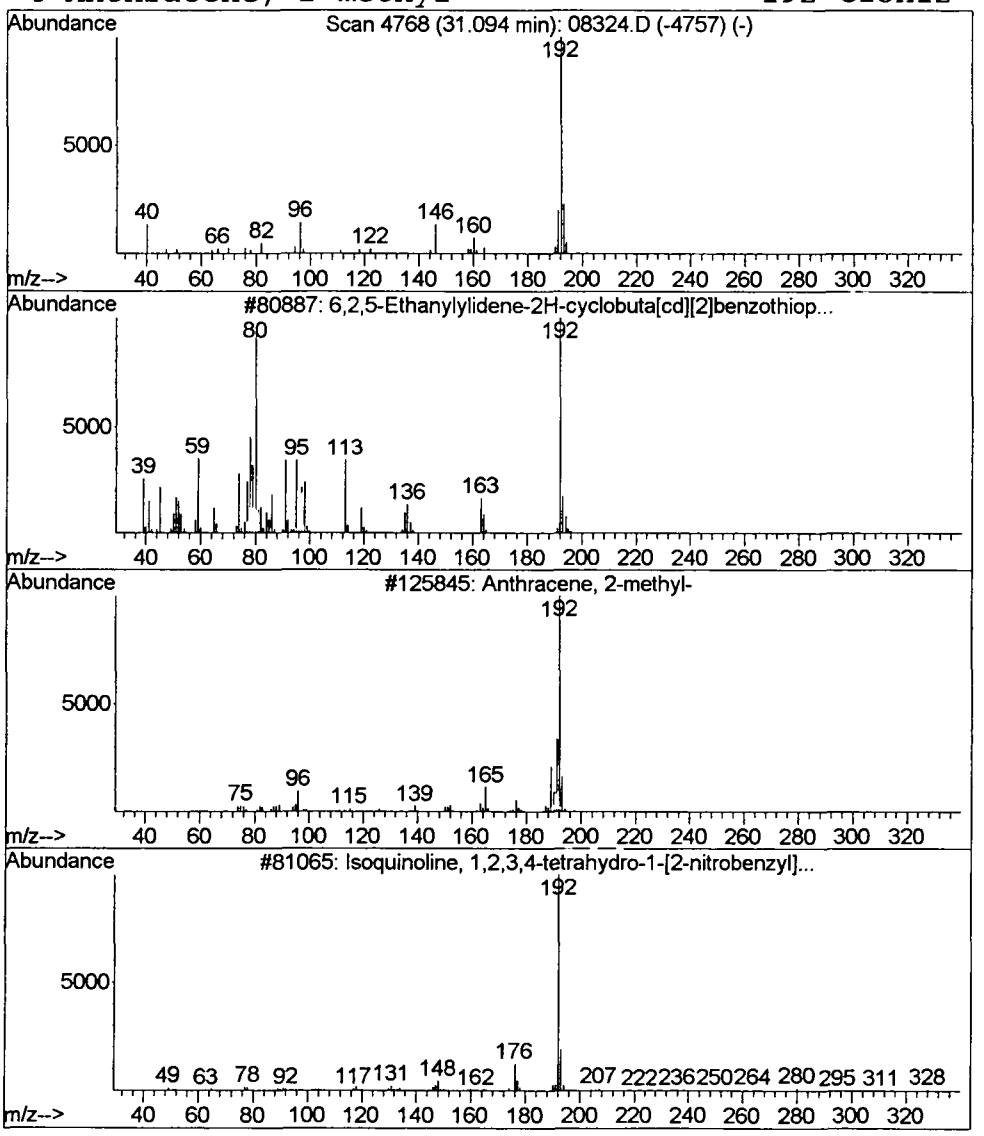
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

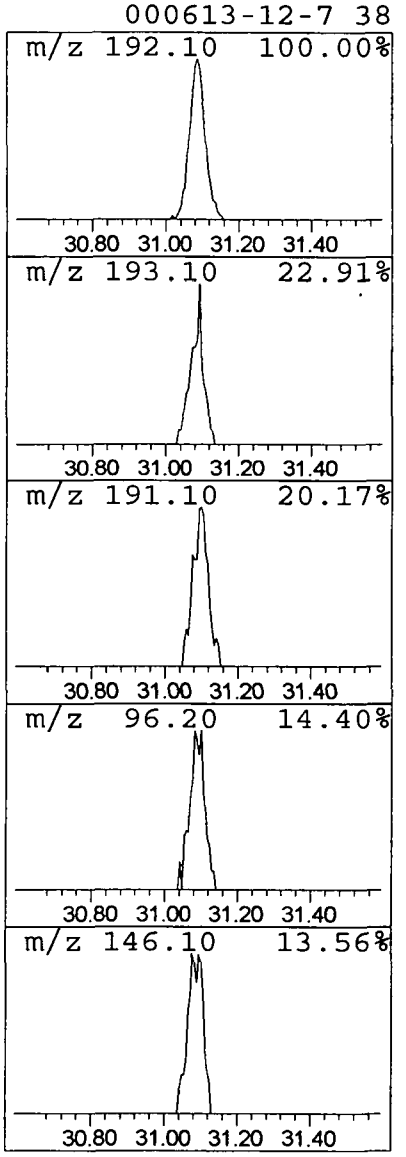
****

Peak Number 5 6,2,5-Ethanylylidene-2H-cyc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.29 ug/l	631290	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,2,5-Ethanylylidene-2H-cyclobut...	192	C11H12OS	019086-86-3	40
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
3	Isoquinoline, 1,2,3,4-tetrahydro...	328	C18H20N2O4	1000128-79-2	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D Vial: 11
Acq On : 19 Apr 2002 5:58 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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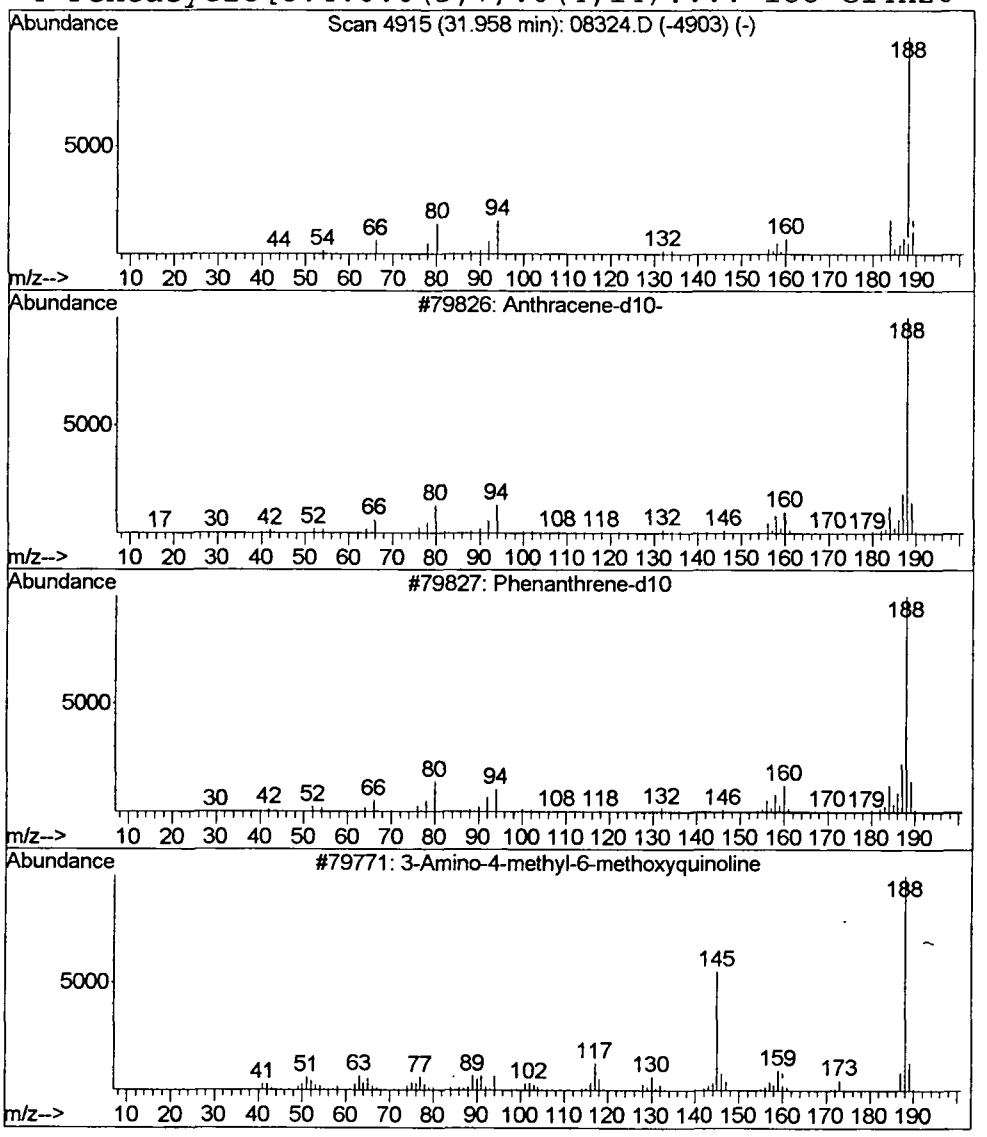
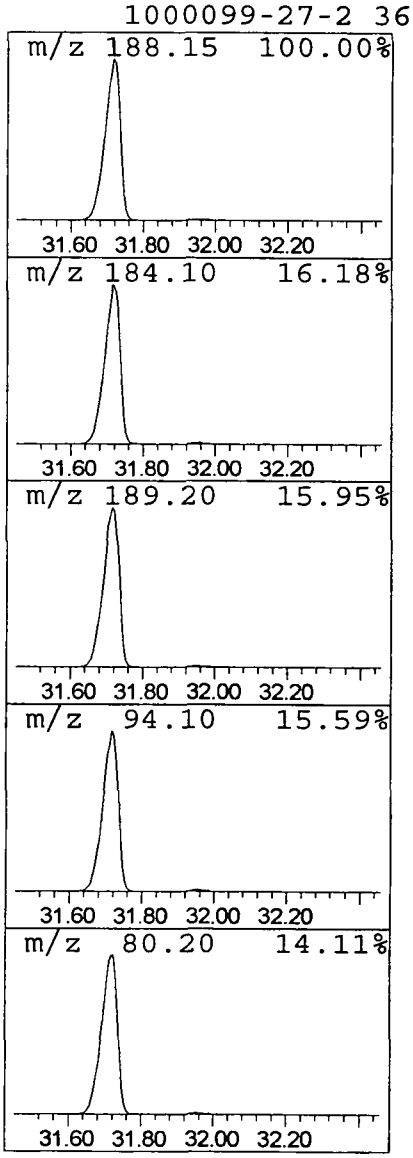
Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.37 ug/l	808745	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	~~Anthracene-d10-~~	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	38
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	36
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	36





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08324.D
Acq On : 19 Apr 2002 5:58 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

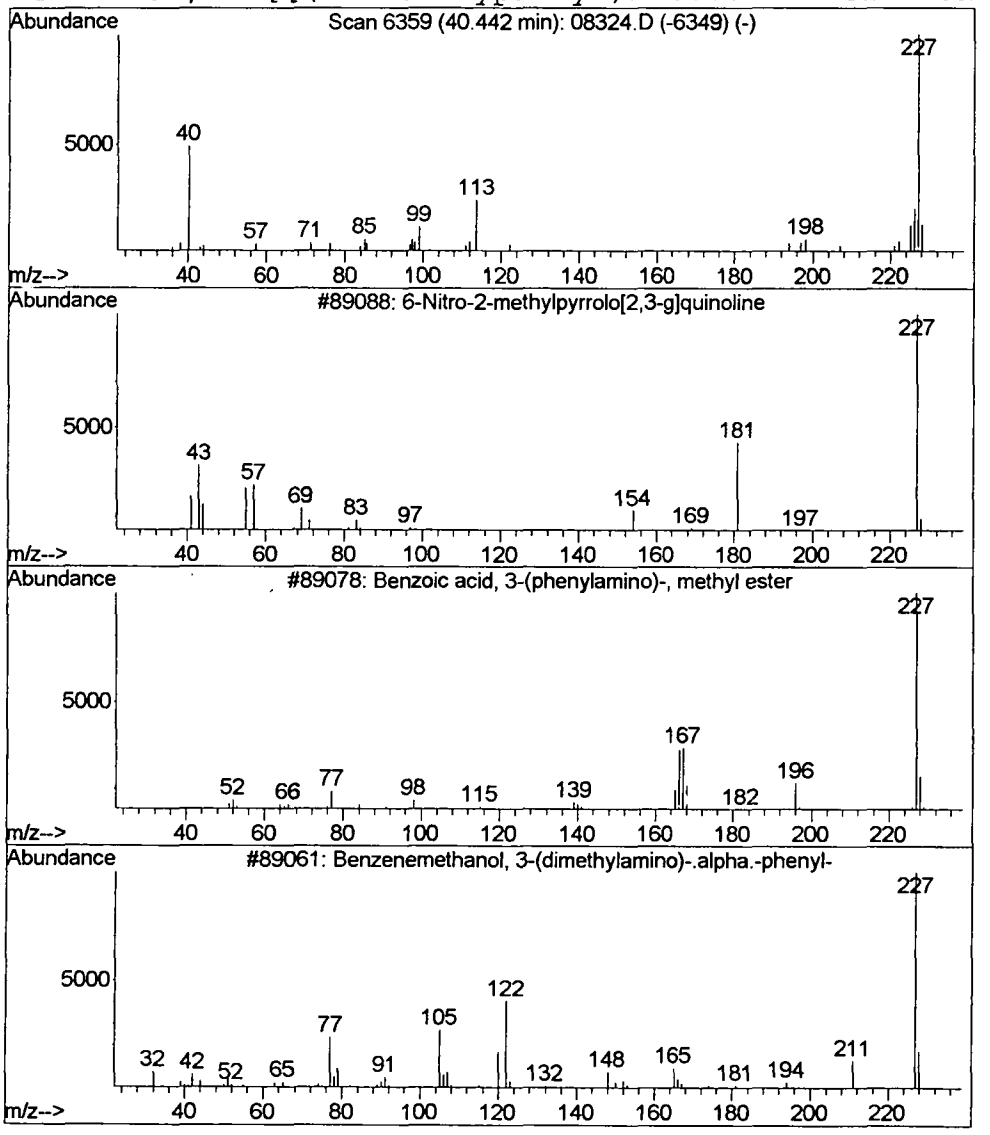
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

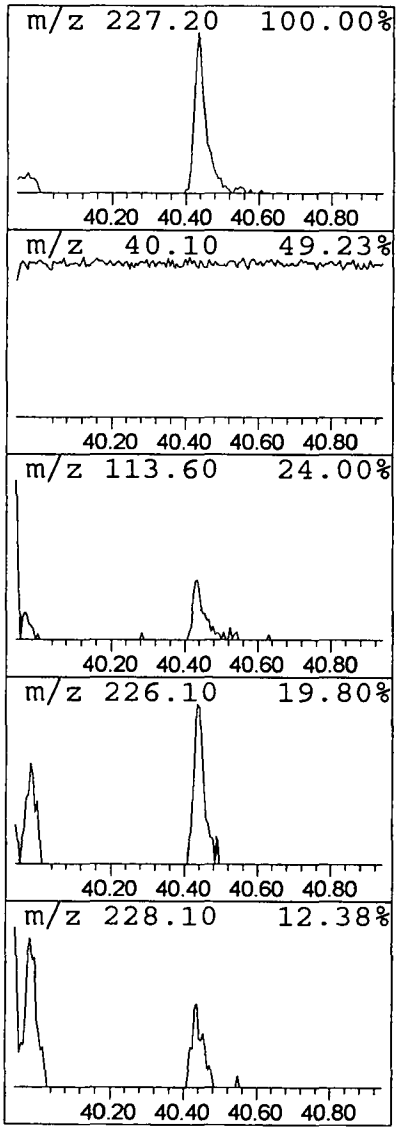
****

Peak Number 7 6-Nitro-2-methylpyrrolo[2,3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.21 ug/l	397505	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitro-2-methylpyrrolo[2,3-g]qu...	227	C12H9N3O2	1000071-35-1	43
2	Benzoic acid, 3-(phenylamino)-, ...	227	C14H13NO2	055622-43-0	9
3	Benzenemethanol, 3-(dimethylamin...	227	C15H17NO	086997-96-8	9
4	Phenol, 4-[[(4-methoxyphenyl)met...	227	C14H13NO2	003230-39-5	7





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 5:58 pm
Data File: C:\MSDCHEM\1\DATA\020419\08324.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Heptane	3.14	0.3	ug/l	439218	1	11.38	56057900	40.0
Methane, bromodic...	3.34	0.3	ug/l	376356	1	11.38	56057900	40.0
Acetonitrile, dic...	3.64	0.3	ug/l	433217	1	11.38	56057900	40.0
2-Propanone, 1,1,...	6.12	0.7	ug/l	1042940	1	11.38	56057900	40.0
6,2,5-Ethanylylid...	31.09	0.3	ug/l	631290	4	31.72	87054100	40.0
Anthracene-d10 Phenanthrene-d10	31.95	0.4	ug/l	808745	4	31.72	87054100	40.0
6-Nitro-2-methylp...	40.44	0.2	ug/l	397505	5	39.94	76732300	40.0