User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 18:15:52

Sample: AE04024
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 18:14 Ended: 3/15/02 18:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AE04024 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 18:18:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D Vial: 79
Acq On : 24 Feb 2002 11:45 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:23 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	234975	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	905590	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	485681	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	671180m	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	444209	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	283982	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	49534	~~7.07~~ 4.08	ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~141.40%~~ 82%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.77	149	182	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D Vial: 79
Acq On : 24 Feb 2002 11:45 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:23 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	0.00	178	0	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	0.00	149	0	N.D. d	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.80	228	1194	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.01	149	2575	N.D.	
43) Chrysene	33.80	228	1194	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	38.07	252	1123	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

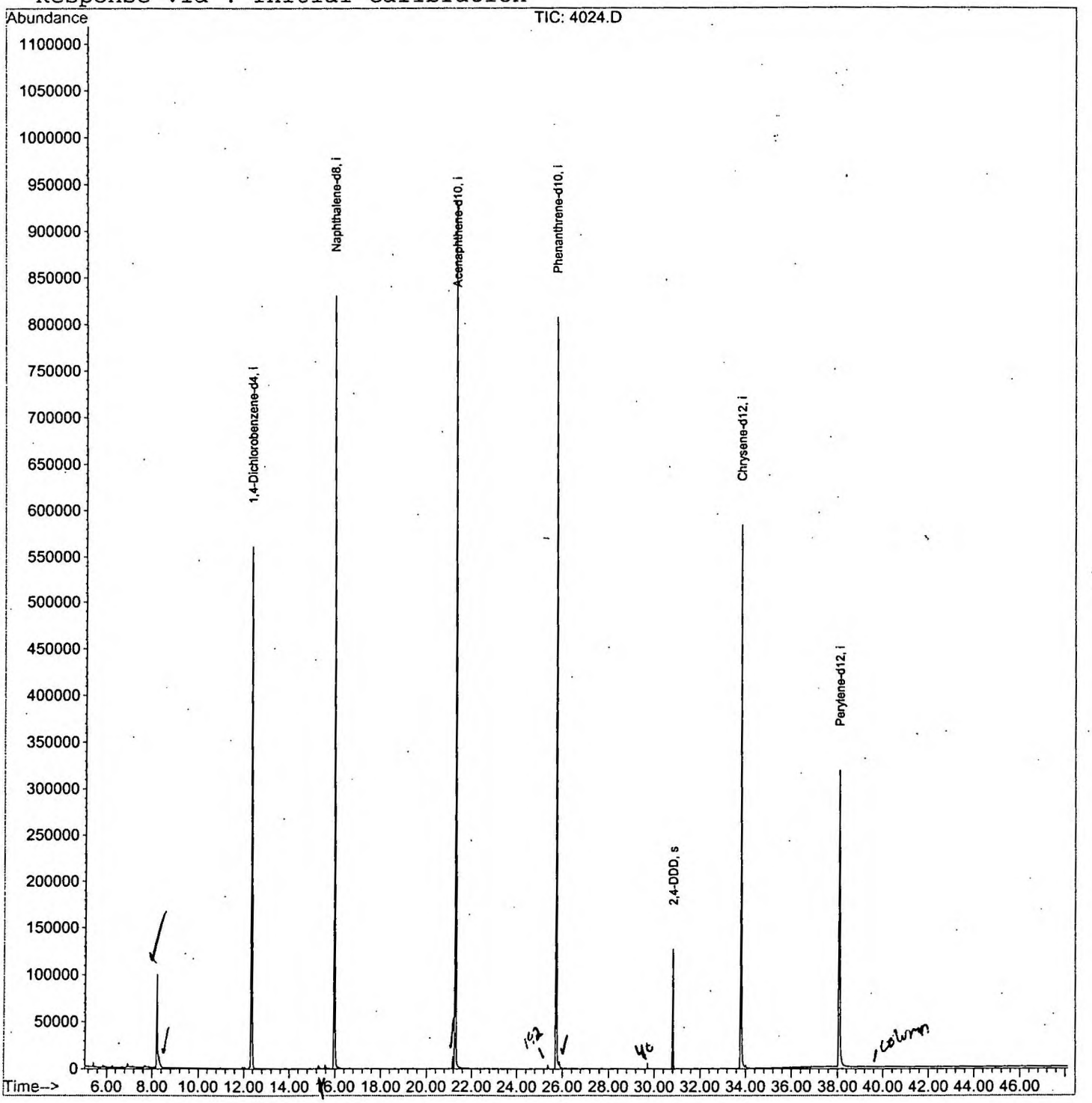
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D
Acq On : 24 Feb 2002 11:45 pm
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:23 2002

Vial: 79
Operator:
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D Vial: 79
Acq On : 24 Feb 2002 11:45 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Signal : TIC

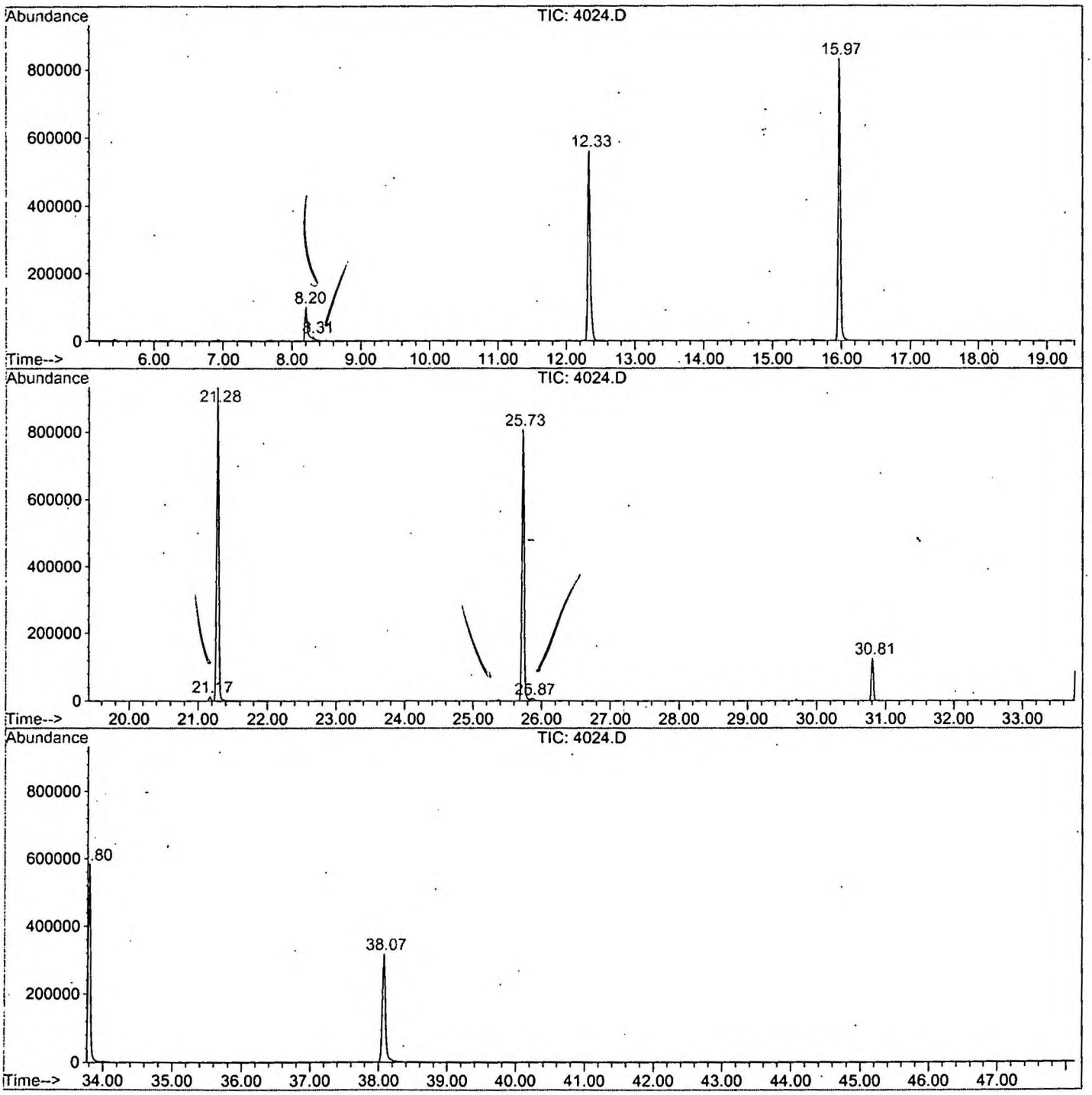
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.201	340	344	355	rBV	98965	246351	12.67%	2.514%
2	8.311	355	356	367	rVB2	11233	21072	1.08%	0.215%
3	12.332	788	794	809	rVB	560293	1360565	69.97%	13.884%
4	15.968	1184	1190	1208	rBV	830656	1784729	91.78%	18.213%
5	21.173	1753	1757	1763	rBV	13401	25782	1.33%	0.263%
6	21.283	1763	1769	1786	rBV	932079	1944487	100.00%	19.843%
7	25.726	2247	2253	2265	rBV2	807203	1789310	92.02%	18.259%
8	25.873	2265	2269	2278	rVB2	6869	20533	1.06%	0.210%
9	30.812	2801	2807	2814	rVB	126990	263996	13.58%	2.694%
10	33.796	3126	3132	3148	rBV2	583459	1348401	69.34%	13.760%
11	38.074	3590	3598	3616	rBV2	317257	994127	51.13%	10.145%

Sum of corrected areas: 9799353

4024.D GCMS0208.M Wed Mar 13 11:38:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\4024.D
Operator :
Acquired : 24 Feb 2002 11:45 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22
Misc Info :
Vial Number: 79
Quant File :GCMS0208.RES (RTE Integrator)



4024.D GCMS0208.M Wed Mar 13 11:38:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D
Acq On : 24 Feb 2002 11:45 pm
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 79
Operator:
Inst : GC/MS 209
Multiplr: 1.00

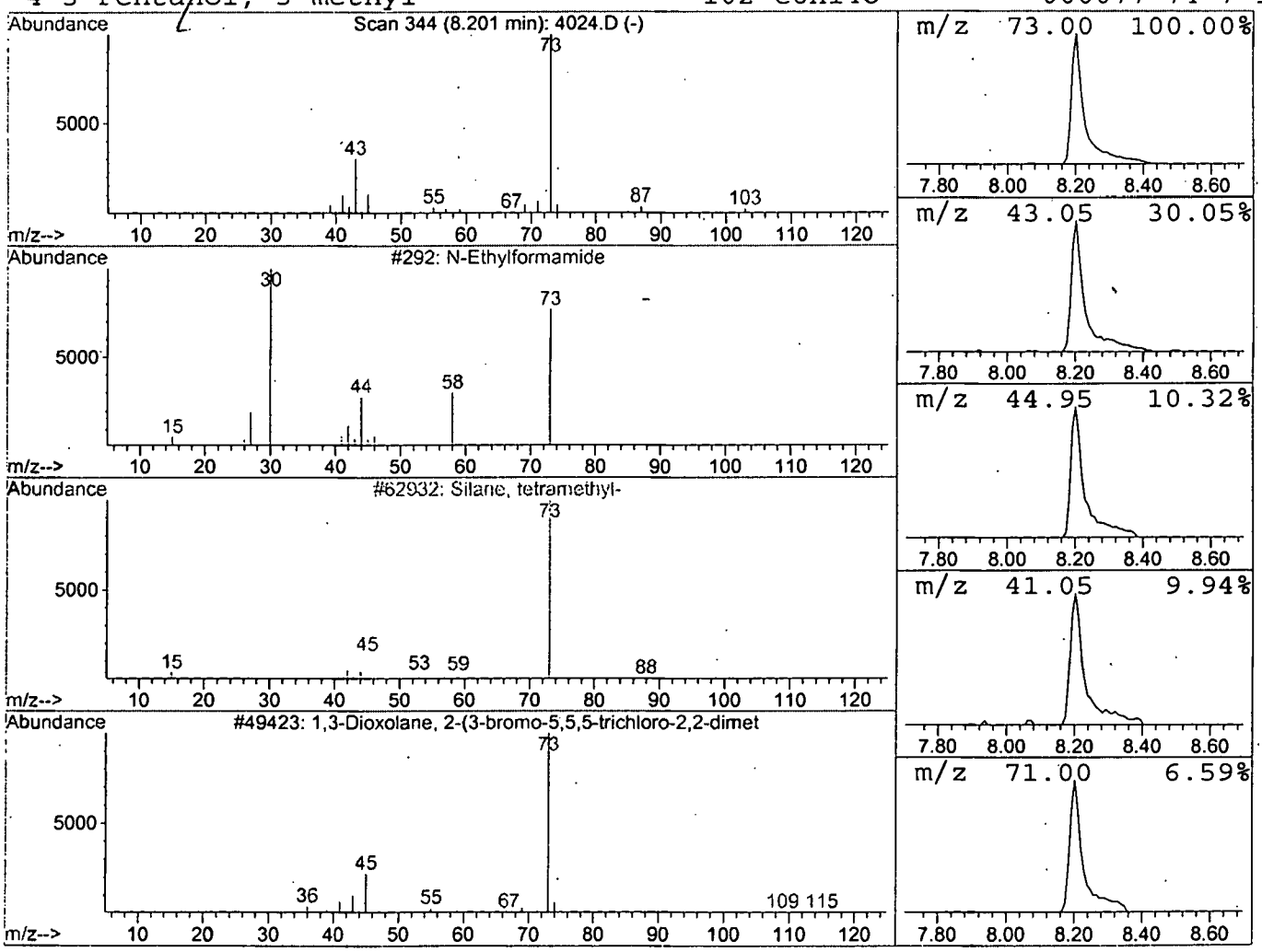
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.62 ug/l	246351	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D
Acq On : 24 Feb 2002 11:45 pm
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 79
Operator:
Inst : GC/MS 209
Multiplr: 1.00

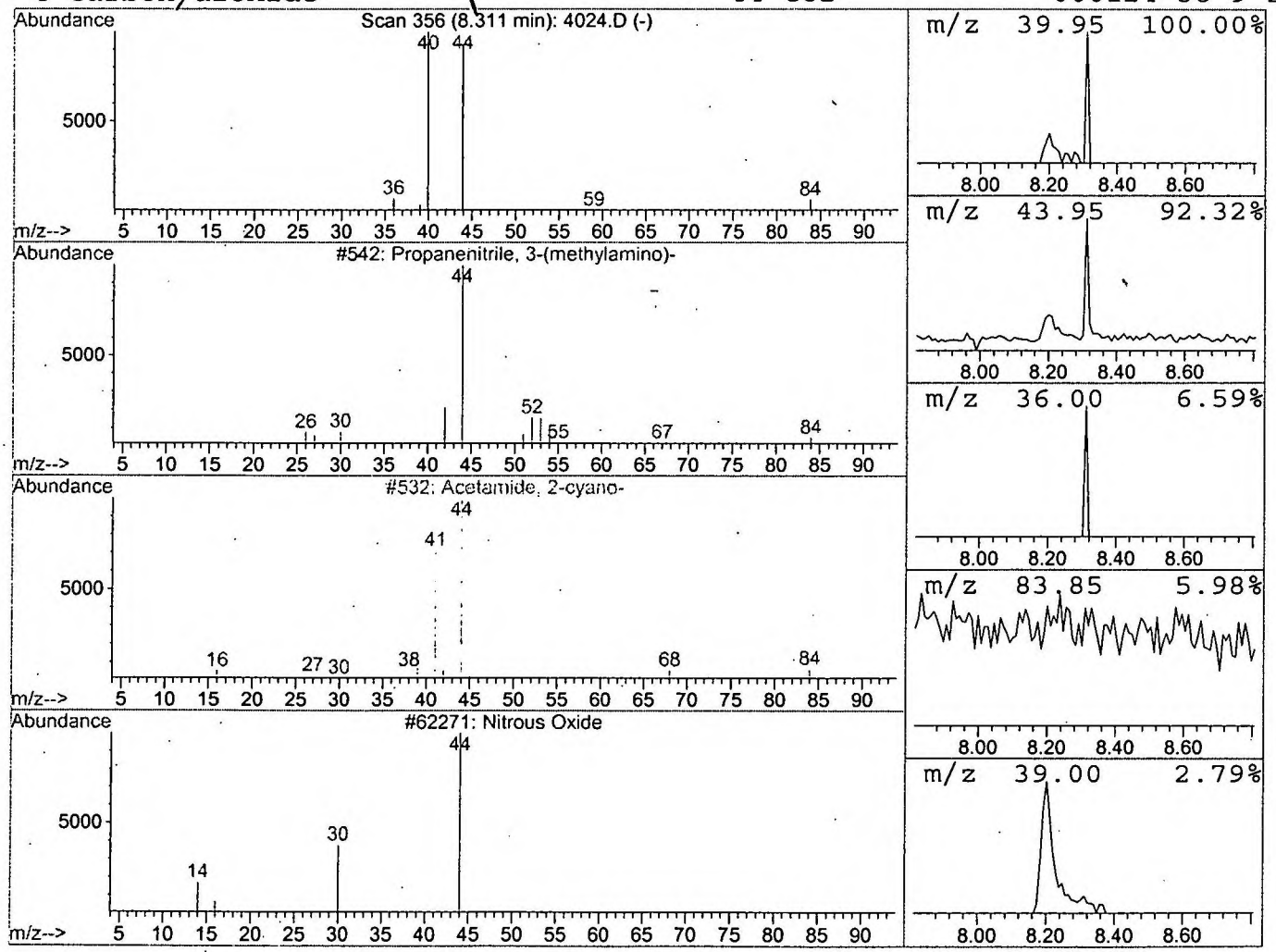
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanenitrile, 3-(methylamino Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	0.31 ug/l	21072	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 3-(methylamino)-	84	C4H8N2	000693-05-0	4
2	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	4
3	Nitrous Oxide	44	N2O	010024-97-2	2
4	Carbon dioxide	44	CO2	000124-38-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D
Acq On : 24 Feb 2002 11:45 pm
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 79
Operator:
Inst : GC/MS 209
Multiplr: 1.00

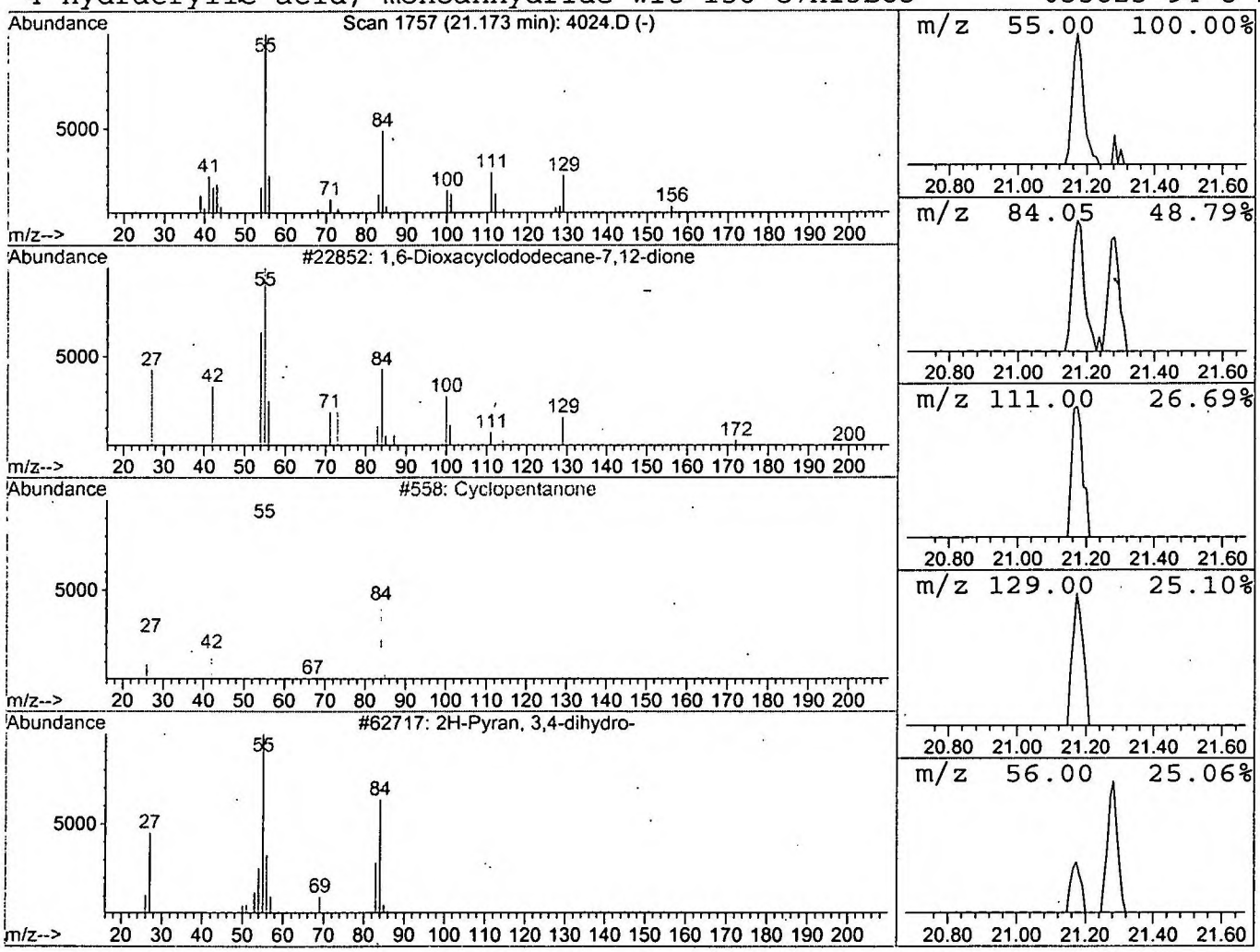
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,6-Dioxacyclododecane-7,12-di Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	0.27 ug/l	25782	Acenaphthene-d10	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	40
2	Cyclopentanone	84	C5H8O	000120-92-3	32
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	27
4	Hydracrylic acid, monoanhydride wit	156	C7H13BO3	033823-94-8	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4024.D Vial: 79
Acq On : 24 Feb 2002 11:45 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

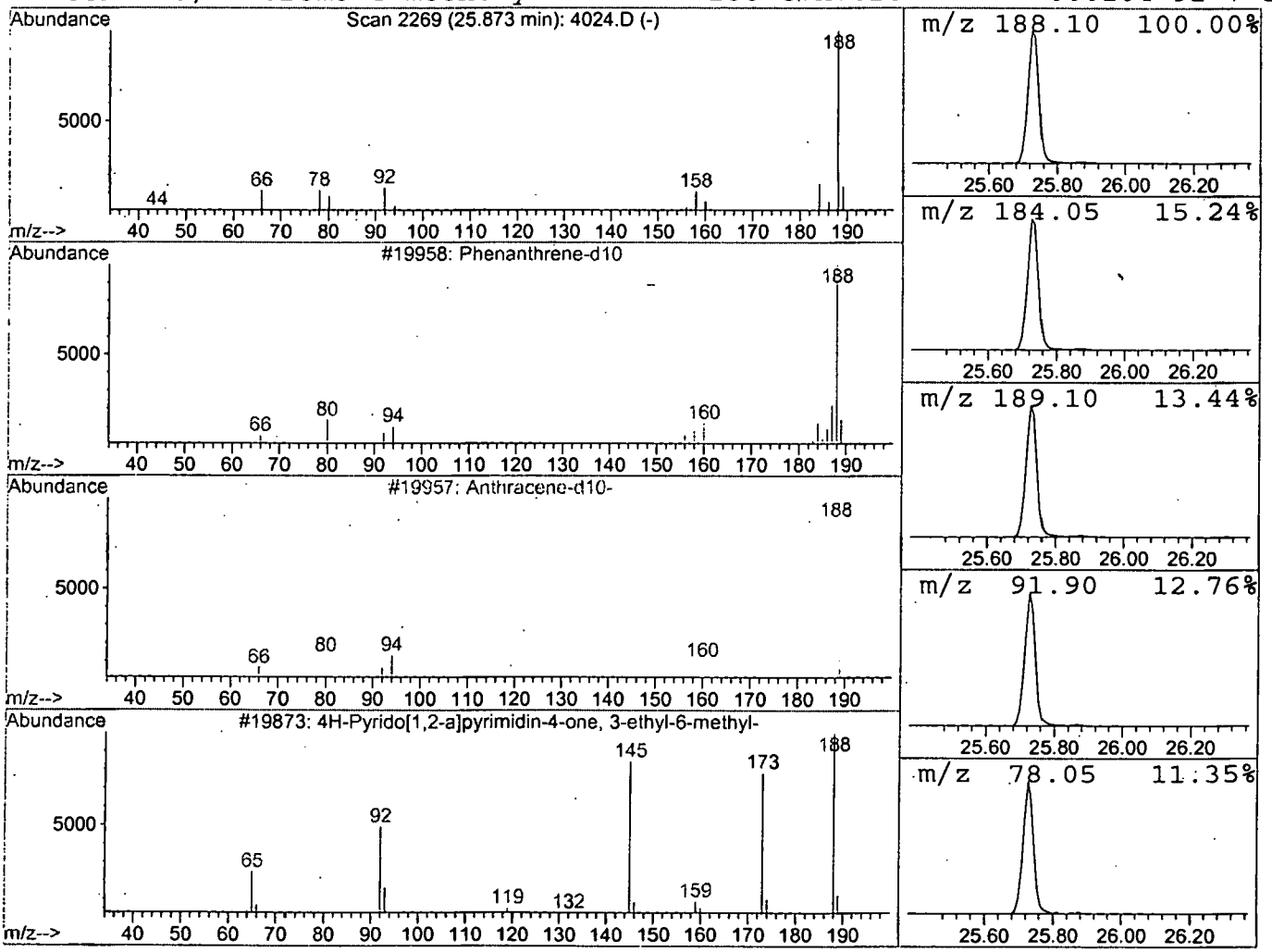
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.23 ug/l	20533	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	43
2	Anthracene-d10-	188	C14D10	001719-06-8	39
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	38
4	Benzene, 1-bromo-4-methoxy-	186	C7H7BrO	000104-92-7	33



Tentatively Identified Compound (LSC) summary

)perator ID: Date Acquired: 24 Feb 2002 11:45 pm
)ata File: C:\HPCHEM\1\DATA\FEB2102\4024.D
Name: gc/ms scan 2/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
N-Ethylformamide	8.20	3.6	ug/l	246351	ISTD01	12.33	1360570	20.0
Propanenitrile, 3-(m	8.31	0.3	ug/l	21072	ISTD01	12.33	1360570	20.0
1,6-Dioxacyclododeca	21.17	0.3	ug/l	25782	ISTD03	21.28	1944490	20.0
Phenanthrene-d10	25.87	0.2	ug/l	20533	ISTD04	25.73	1789310	20.0

4024.D GCMS0208.M Wed Mar 13 11:39:13 2002