User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 16:55:16

Sample: AE02596
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:54 Ended: 3/7/02 16:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		117		5.0

omments for Sample AE02596 - Analysis $GCMS

/estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 03-07-2002 Time: 16:55:21

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2596.D Vial: 6
Acq On : 1 Mar 2002 1:16 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:18 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	12.32	152	297921	20.00	ug/l	-0.03
10) Naphthalene-d8	15.95	136	1151500	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	626701	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	904488	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	634130	20.00	ug/l	-0.06
44) Perylene-d12	38.06	264	436365	20.00	ug/l	-0.06
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	55211	5.85	ug/mL	0.29
Spiked Amount 5.000			Recovery = 117.00%			
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	22.75	149	405	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

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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	25.71	178	196	N.D.	
34)	Anthracene	25.71	178	196	N.D.	
35)	Di-n-butylphthalate	27.69	149	9047	N.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	33.77	228	1524	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	808	N.D.	
43)	Chrysene	33.77	228	1525	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	38.05	252	1618	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

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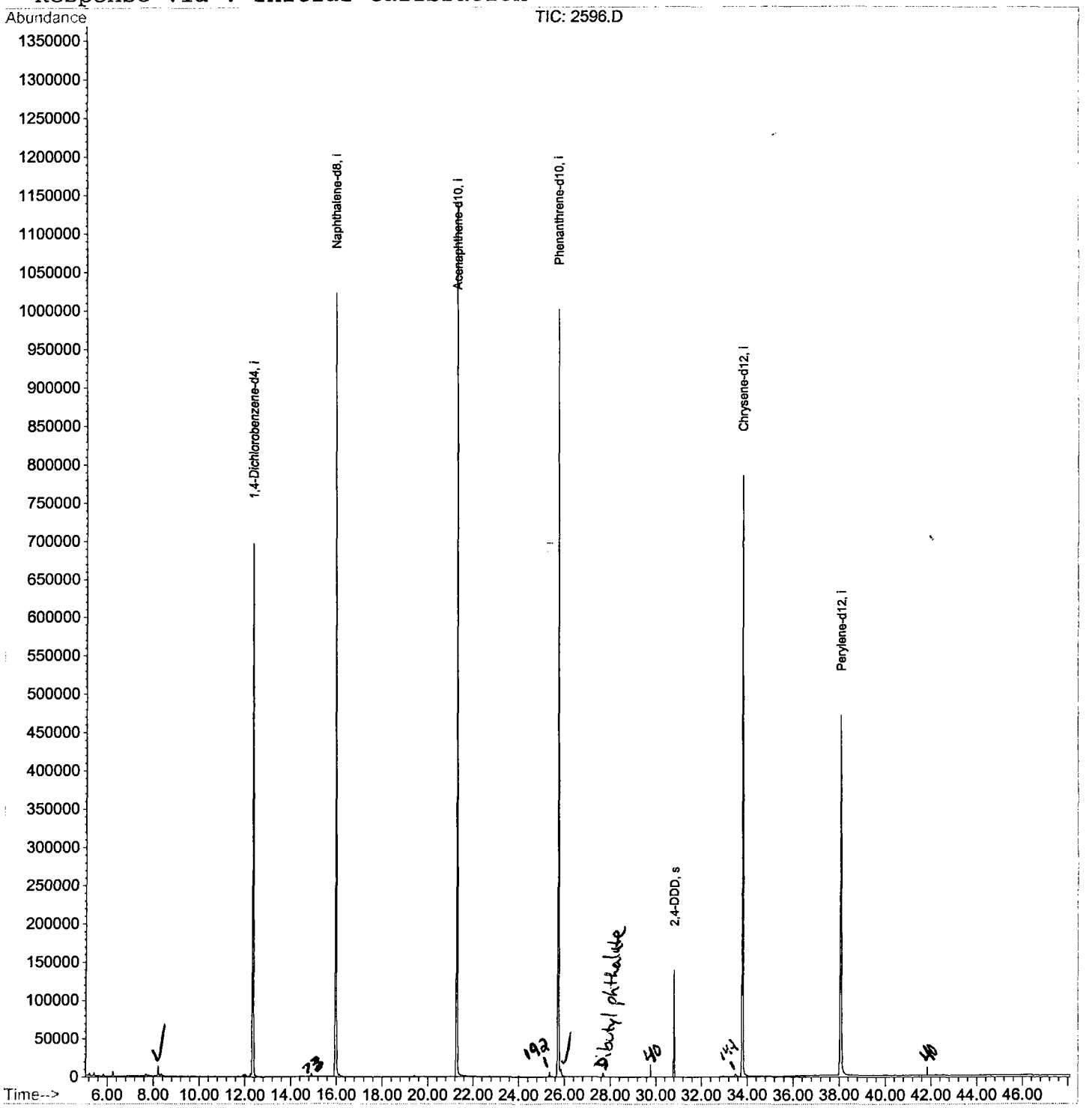
Acq On : 1 Mar 2002 1:16 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:18 2002 Quant Results File: GCMS0208.RES

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\MAR0102\2596.D Vial: 6
Acq On : 1 Mar 2002 1:16 pm Operator:
Sample : gc/ms scan 2/5 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

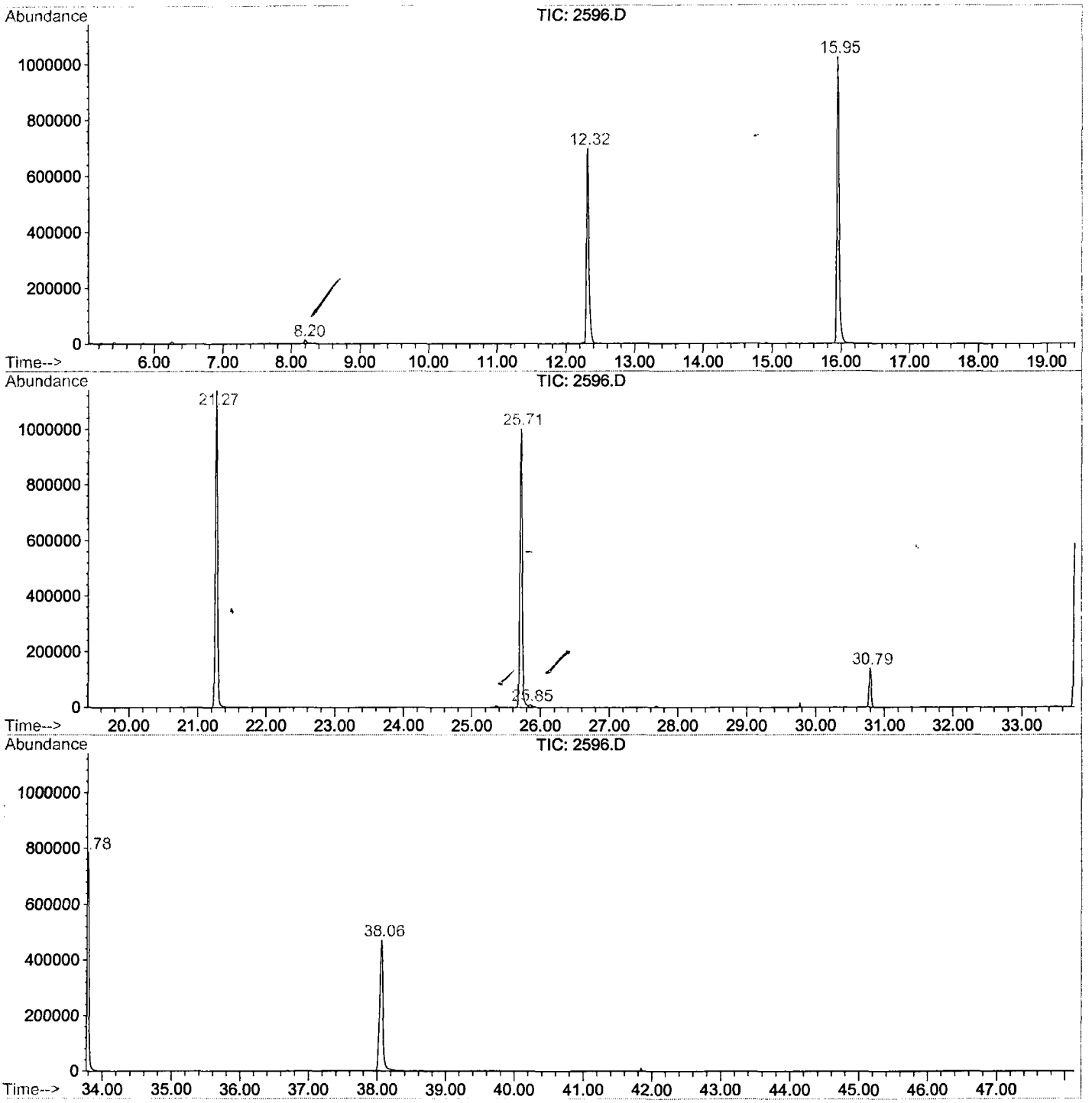
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	352	rBV	12526	27137	1.11%	0.217%
2	12.319	787	793	811	rVB	696651	1676011	68.45%	13.378%
3	15.955	1183	1189	1207	rBV	1022044	2243298	91.62%	17.907%
4	21.270	1761	1768	1788	rBV	1140292	2448461	100.00%	19.544%
5	25.713	2245	2252	2264	rBV2	1001015	2369989	96.80%	18.918%
6	25.851	2265	2267	2278	rVB2	9333	26530	1.08%	0.212%
7	30.790	2800	2805	2815	rBV	139410	286028	11.68%	2.283%
8	33.783	3124	3131	3151	rBV2	784443	1916278	78.26%	15.296%
9	38.061	3588	3597	3623	rBV2	469361	1534016	62.65%	12.245%

Sum of corrected areas: 12527748

2596.D GCMS0208.M Mon Mar 04 11:40:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2596.D
Operator :
Acquired : 1 Mar 2002 1:16 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 6
Quant File :GCMS0208.RES (RTE Integrator)



2596.D GCMS0208.M Mon Mar 04 11:40:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2596.D Vial: 6
Acq On : 1 Mar 2002 1:16 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

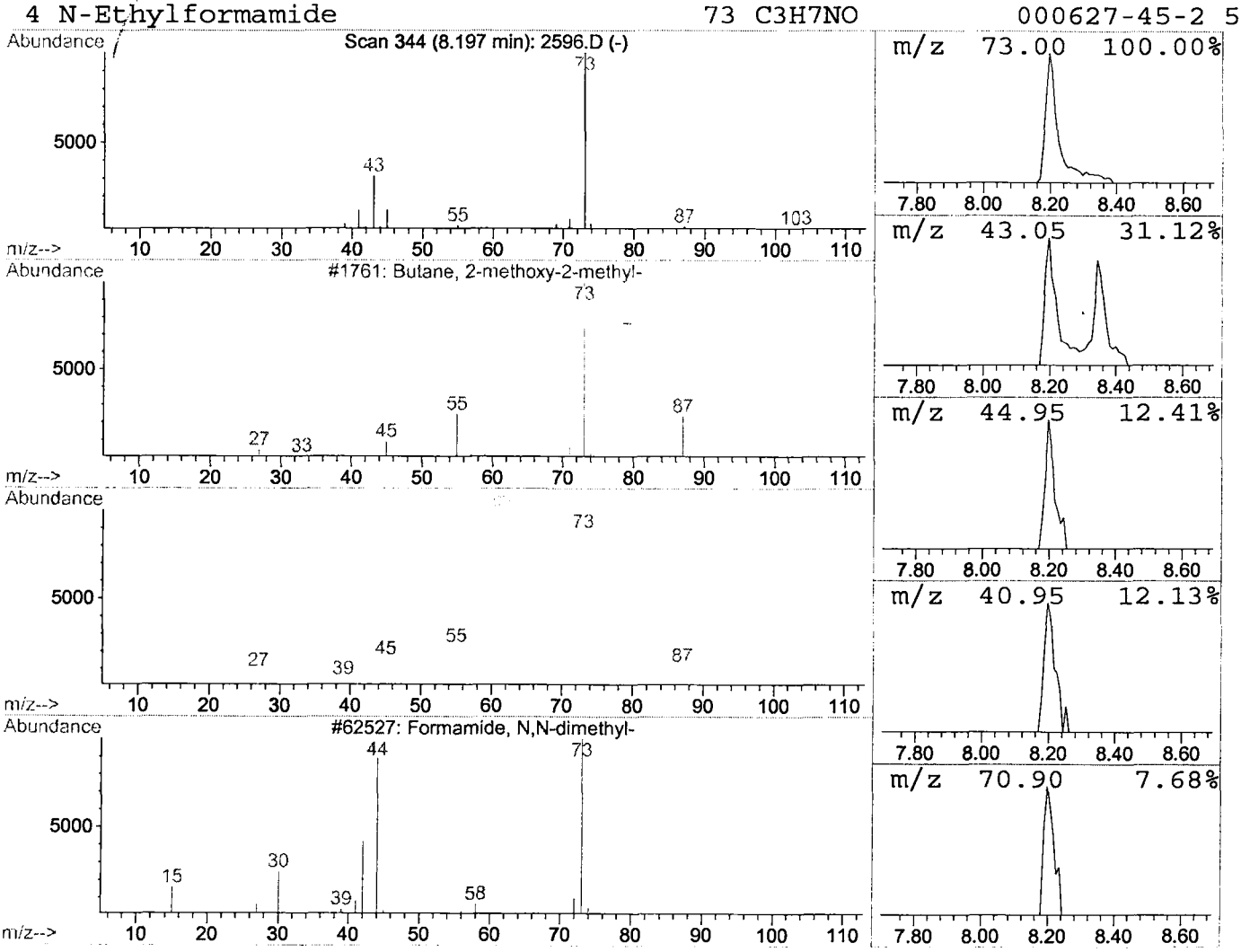
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.32 ug/l	27137	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2596.D Vial: 6
Acq On : 1 Mar 2002 1:16 pm Operator:
Sample : gc/ms scan 2/5 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

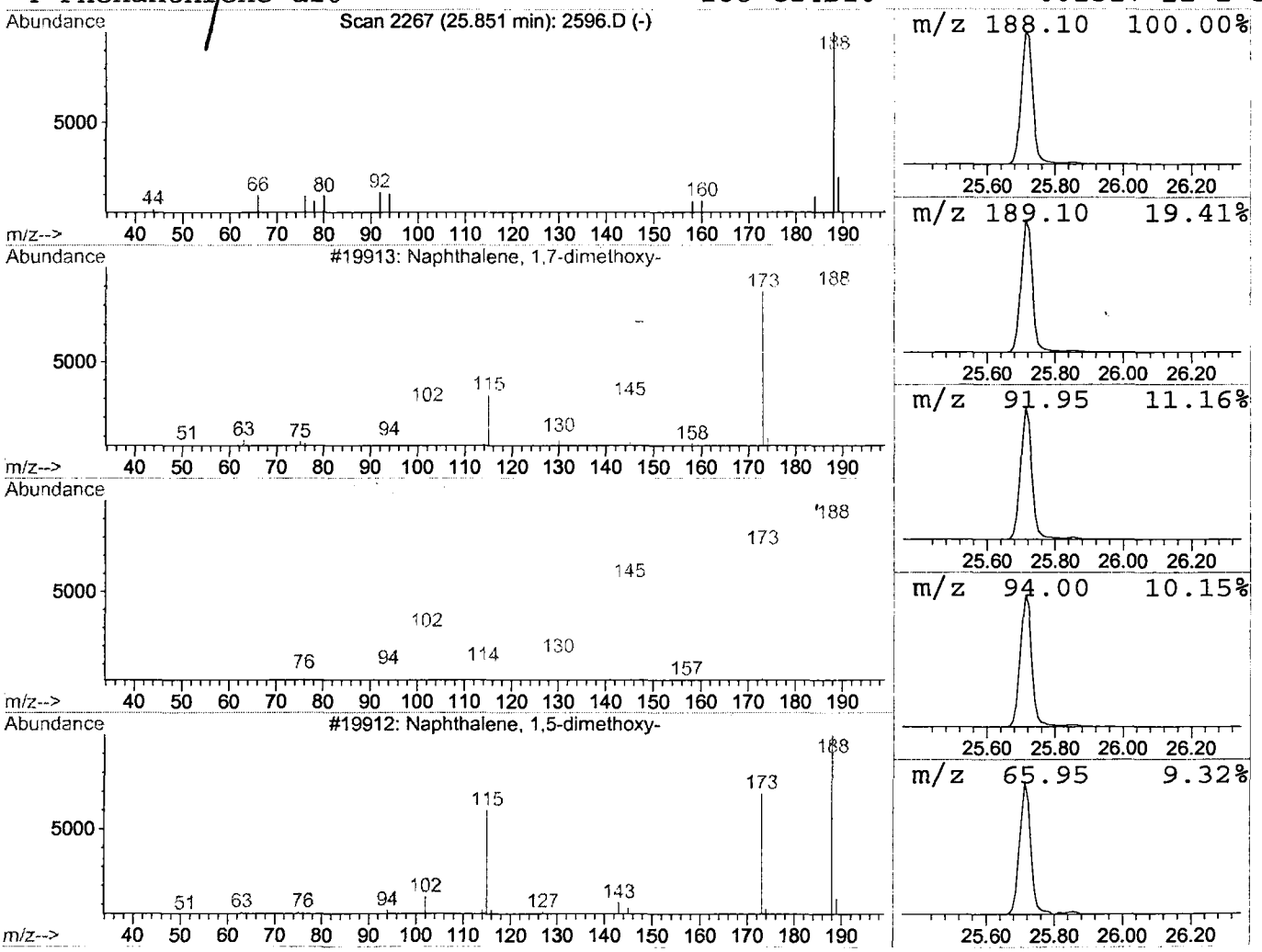
****

Peak Number 2 Naphthalene, 1,7-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.22 ug/l	26530	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	53
2	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	42
3	Naphthalene, 1,5-dimethoxy-	188	C12H12O2	010075-63-5	42
4	Phenanthrene-d10	188	C14D10	001517-22-2	38

Anthracene-10 I.S



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 1:16 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2596.D
Name: gc/ms scan 2/5
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
Butane, 2-methoxy-2-	8.20	0.3	ug/l	27137	ISTD01	12.32	1676010	20.0
Naphthalene, 1,7-dim	25.85	0.2	ug/l	26530	ISTD04	25.71	2369990	20.0

2596.D GCMS0208.M Mon Mar 04 11:40:22 2002