User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/11/2002 Time: 16:02:18

Sample: AE02783
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/11/02 16:01 Ended: 3/11/02 16:01 Analyst: DLV
Page: 1

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

Comments for Sample AE02783 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-11-2002 Time: 16:02:23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

.\HPCHEM\1\DATA\MAR0102\2783.D Vial: 17
Data Fi 2 Mar 2002 12:06 am Operator:
Acq On : gc/ms scan 2/6 Inst : GC/MS 209
Sampl : Multiplr: 1.00
Mis gration Params: GOOFY.P
MS Time: Mar 5 10:30 2002 Quant Results File: GCMS0208.RES
Q

uant 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	12.31	152	333626	20.00	ug/l	-0.04
10) Naphthalene-d8	15.95	136	1286407	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	686855	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	1002899	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	709253	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	490733	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	61116	5.84	ug/mL	0.29
Spiked Amount 5.000			Recovery = 116.80%			
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	16.01	128	483	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	22.74	149	179	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 nge (m) = manual integration
2783.D GCMS0208.M e Mar 05 10:31:24 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2783.D Vial: 17
Acq On : 2 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 5 10:30 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

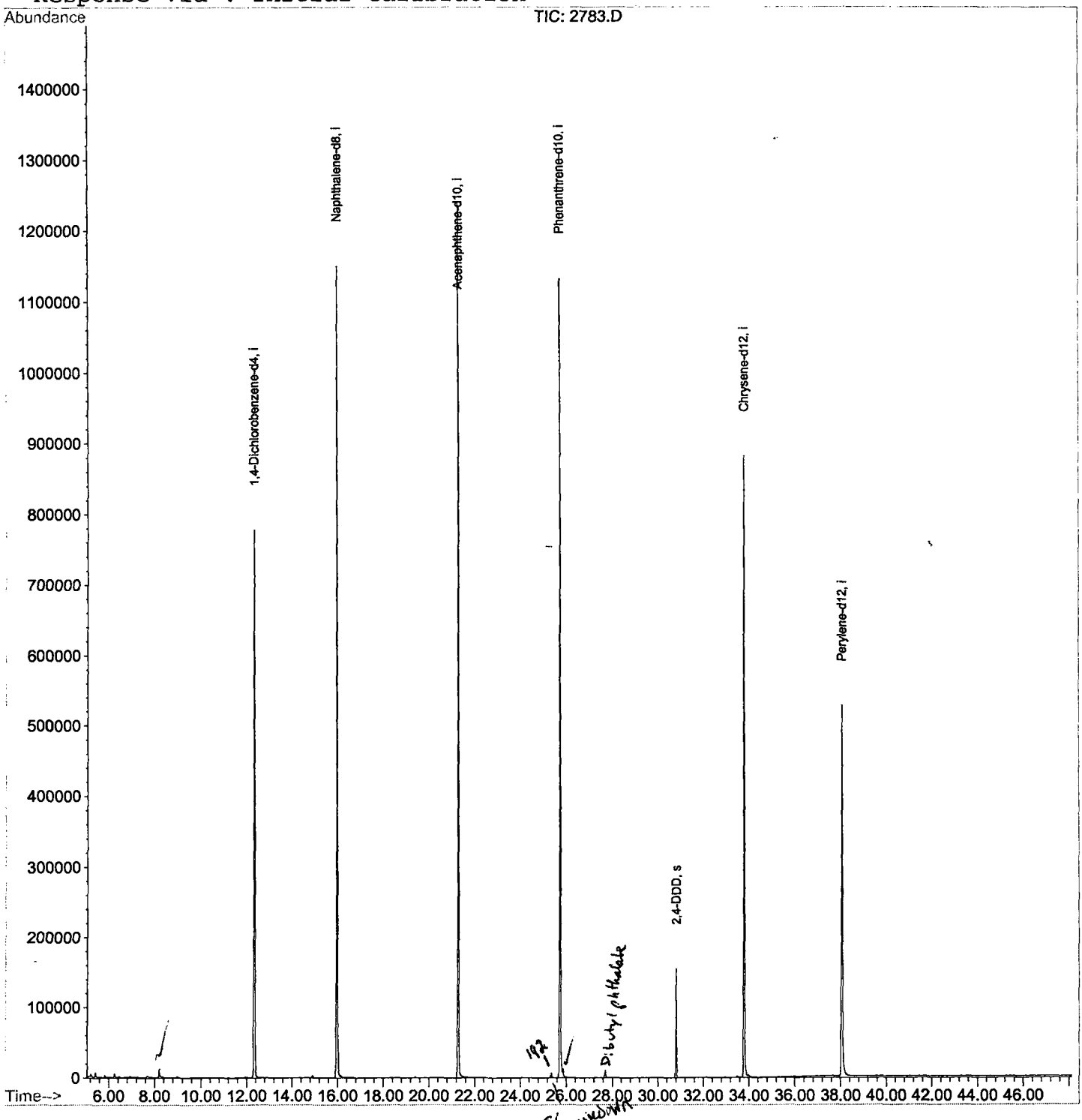
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.71	178	109	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	16735	N.D.	
36)	Fluoranthene	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	33.78	228	1546	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.98	149	2043	N.D.	
43)	Chrysene	33.78	228	1546	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	38.06	252	1785	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\MAR0102\2783.D Vial: 17
Acq On : 2 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 5 10:30 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\2783.D Vial: 17
Acq On : 2 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 2/6 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

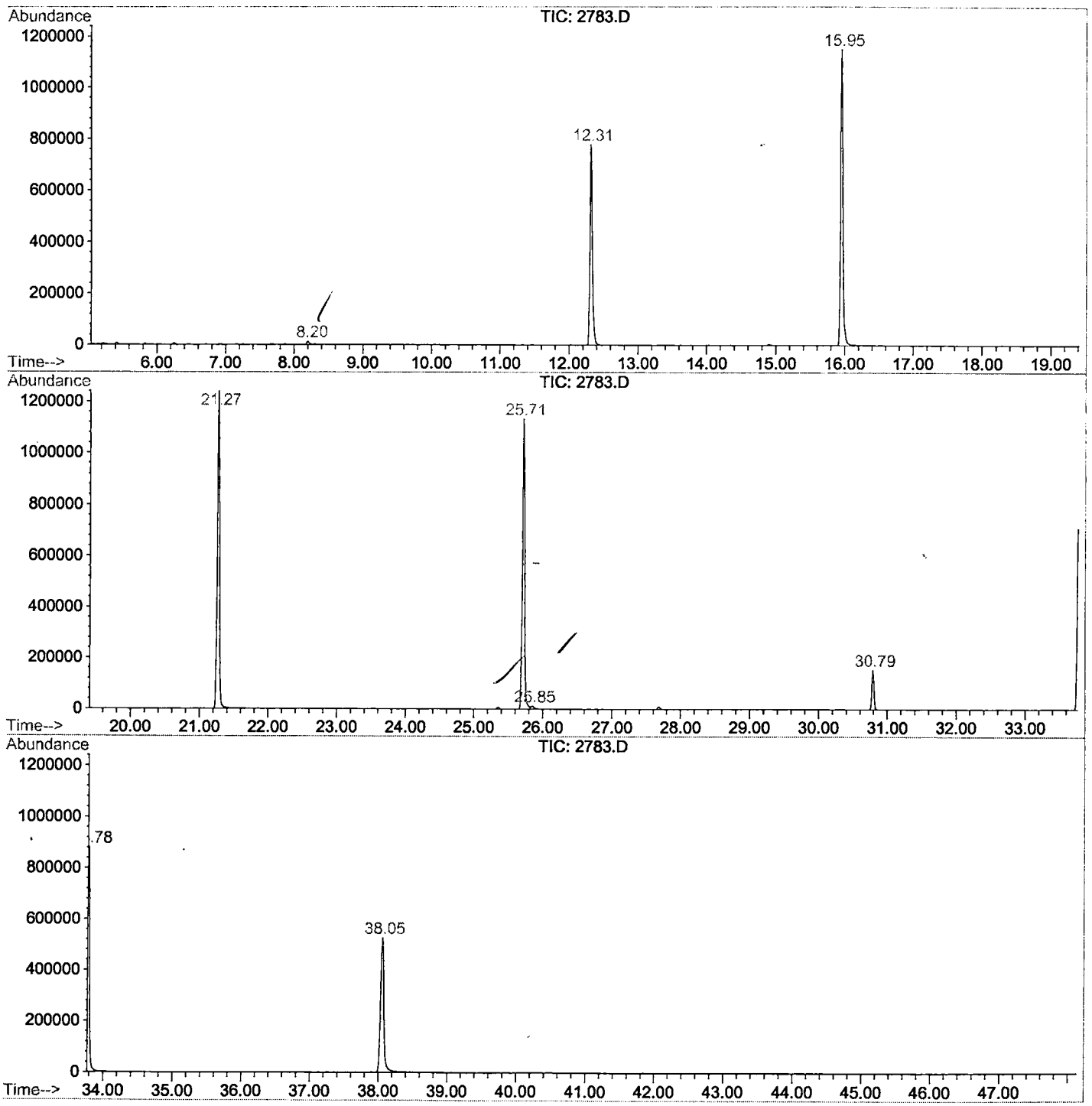
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	352	rBV	12822	30867	1.13%	0.221%
2	12.310	787	792	810	rBV	777442	1876132	68.95%	13.408%
3	15.955	1183	1189	1206	rBV	1149641	2506906	92.13%	17.915%
4	21.270	1761	1768	1788	rBV	1240928	2720963	100.00%	19.445%
5	25.713	2245	2252	2264	rBV2	1132571	2630727	96.68%	18.800%
6	25.851	2264	2267	2280	rVB2	11762	35636	1.31%	0.255%
7	30.790	2800	2805	2815	rVB	154926	318682	11.71%	2.277%
8	33.783	3124	3131	3146	rBV2	880607	2142357	78.74%	15.310%
9	38.052	3587	3596	3622	rBV2	525340	1730853	63.61%	12.369%

Sum of corrected areas: 13993123

2783.D GCMS0208.M Tue Mar 05 10:47:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2783.D
Operator :
Acquired : 2 Mar 2002 12:06 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/6
Misc Info :
Vial Number: 17
Quant File :GCMS0208.RES (RTE Integrator)



2783.D GCMS0208.M Tue Mar 05 10:47:09 2002

Data File : C:\HPCHEM\1\DATA\MAR0102\2783.D Vial: 17
Acq On : 2 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

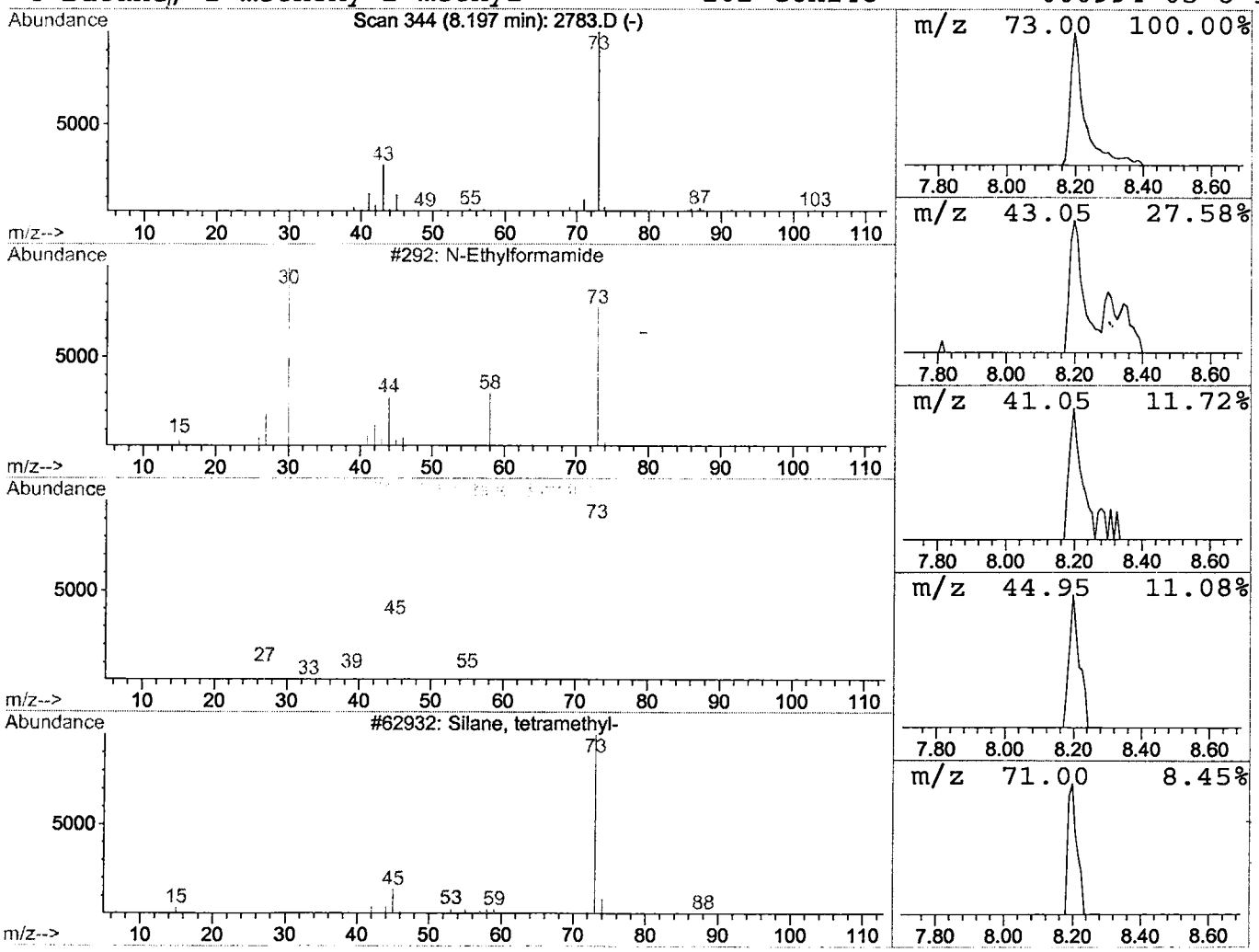
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.33 ug/l	30867	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Data File : C:\HPCHEM\1\DATA\MAR0102\2783.D Vial: 17
Acq On : 2 Mar 2002 12:06 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

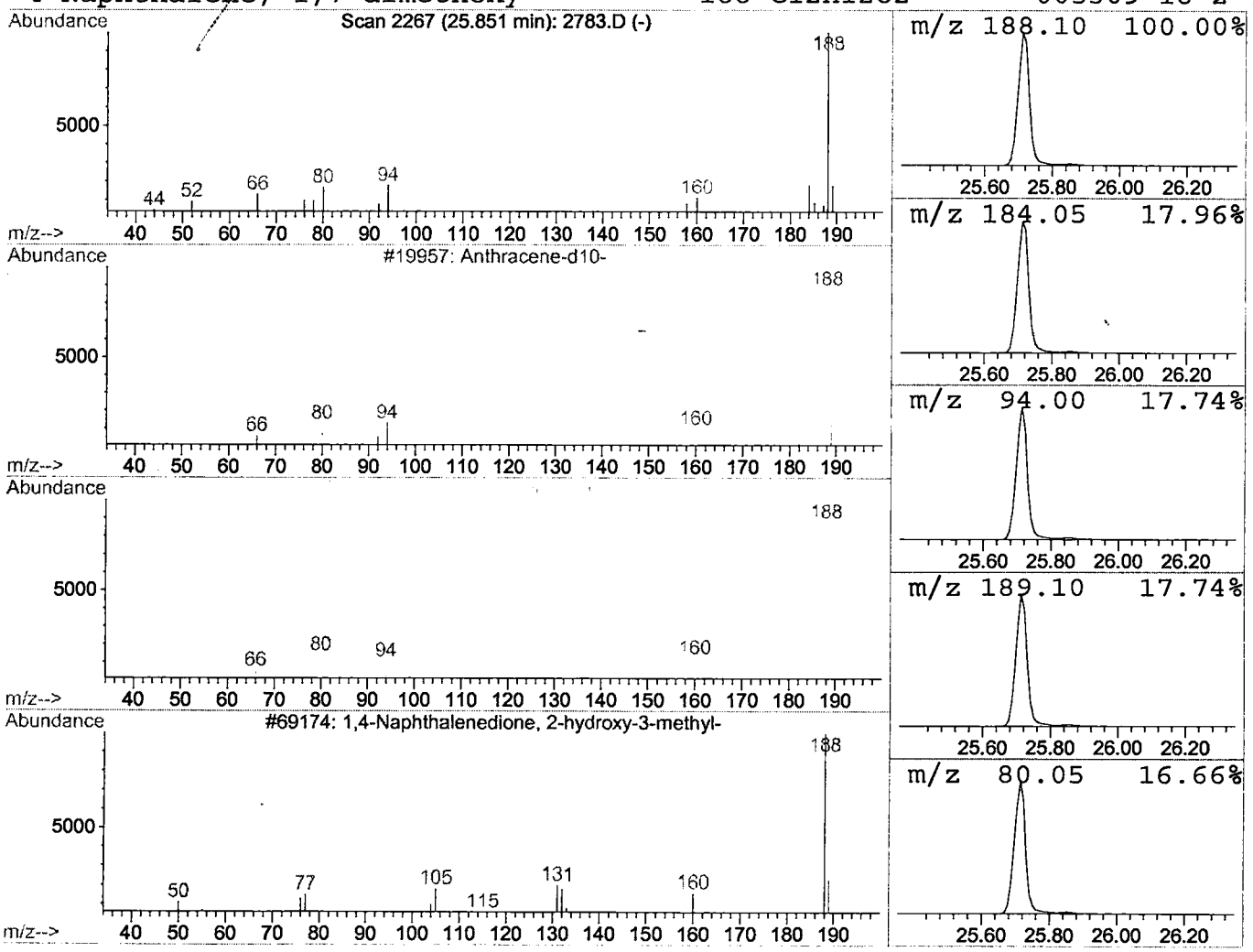
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.27 ug/l	35636	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	50
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Mar 2002 12:06 am
Data File: C:\HPCHEM\1\DATA\MAR0102\2783.D
Name: gc/ms scan 2/6
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	0.3	ug/l	30867	ISTD01	12.31	1876130	20.0
Anthracene-d10-	25.85	0.3	ug/l	35636	ISTD04	25.71	2630730	20.0

2783.D GCMS0208.M Tue Mar 05 10:47:23 2002