User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/11/2002 Time: 16:07:51

Sample: AE02787
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/11/02 16:07 Ended: 3/11/02 16:07 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Comments for Sample AE02787 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-11-2002 Time: 16:07:55

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)

Data File : C:\HPCHEM\1\DATA\MAR0102\2787.D Vial: 21
Acq On : 2 Mar 2002 4:01 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 10:39 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	12.31	152	260583	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1020477	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	534291	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	760214	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	511671	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	336843	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	47458	5.98	ug/mL	0.29
Spiked Amount 5.000			Recovery = 119.60%			
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	476	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	0.00	149	0	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	12394	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	1116	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	1130	N.D.	
43)	Chrysene	33.78	228	1116	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	1063	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

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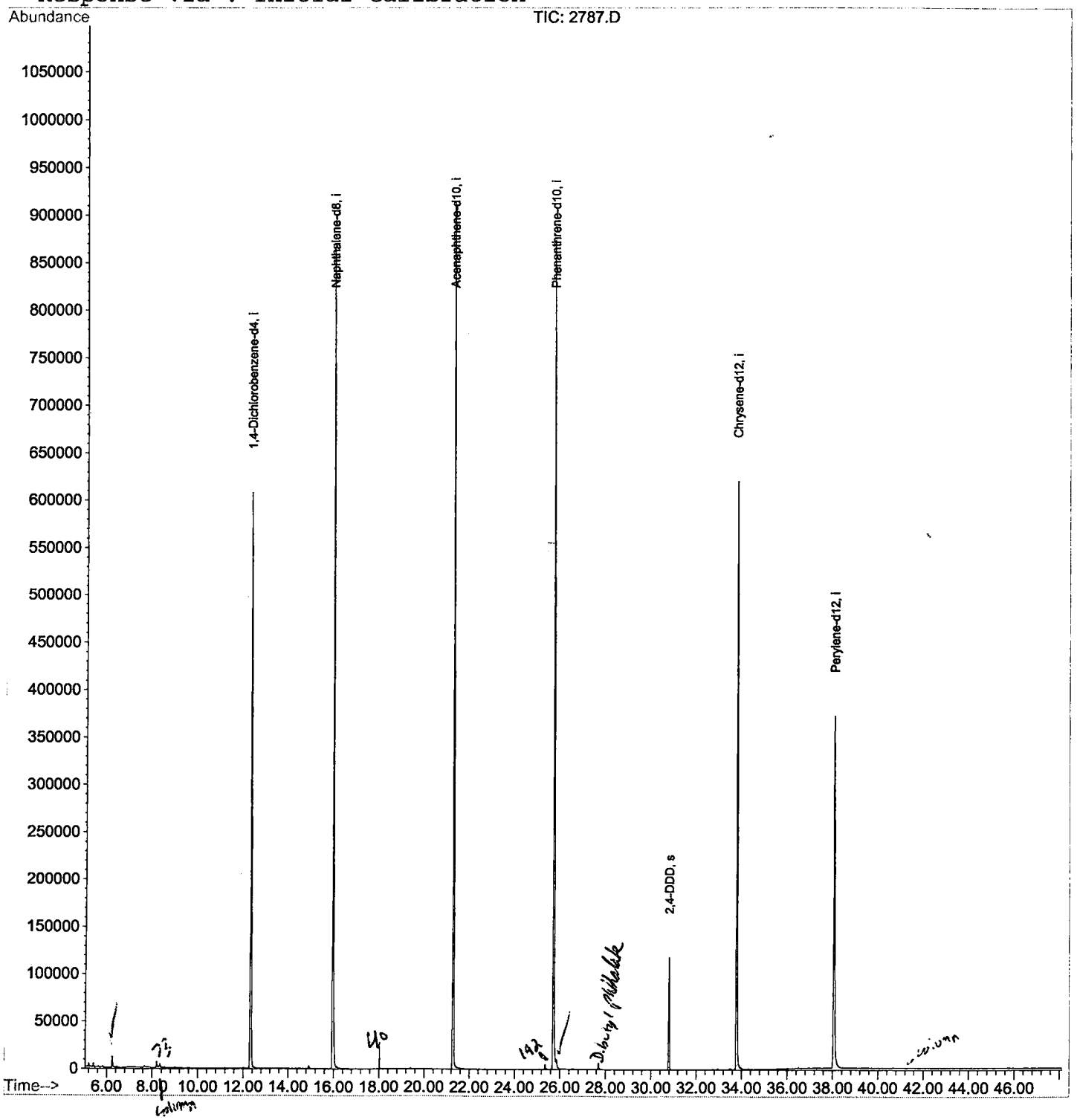
Acq On : 2 Mar 2002 4:01 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 5 10:39 2002 Quant Results File: GCMS0208.RES

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\2787.D Vial: 21
Acq On : 2 Mar 2002 4:01 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

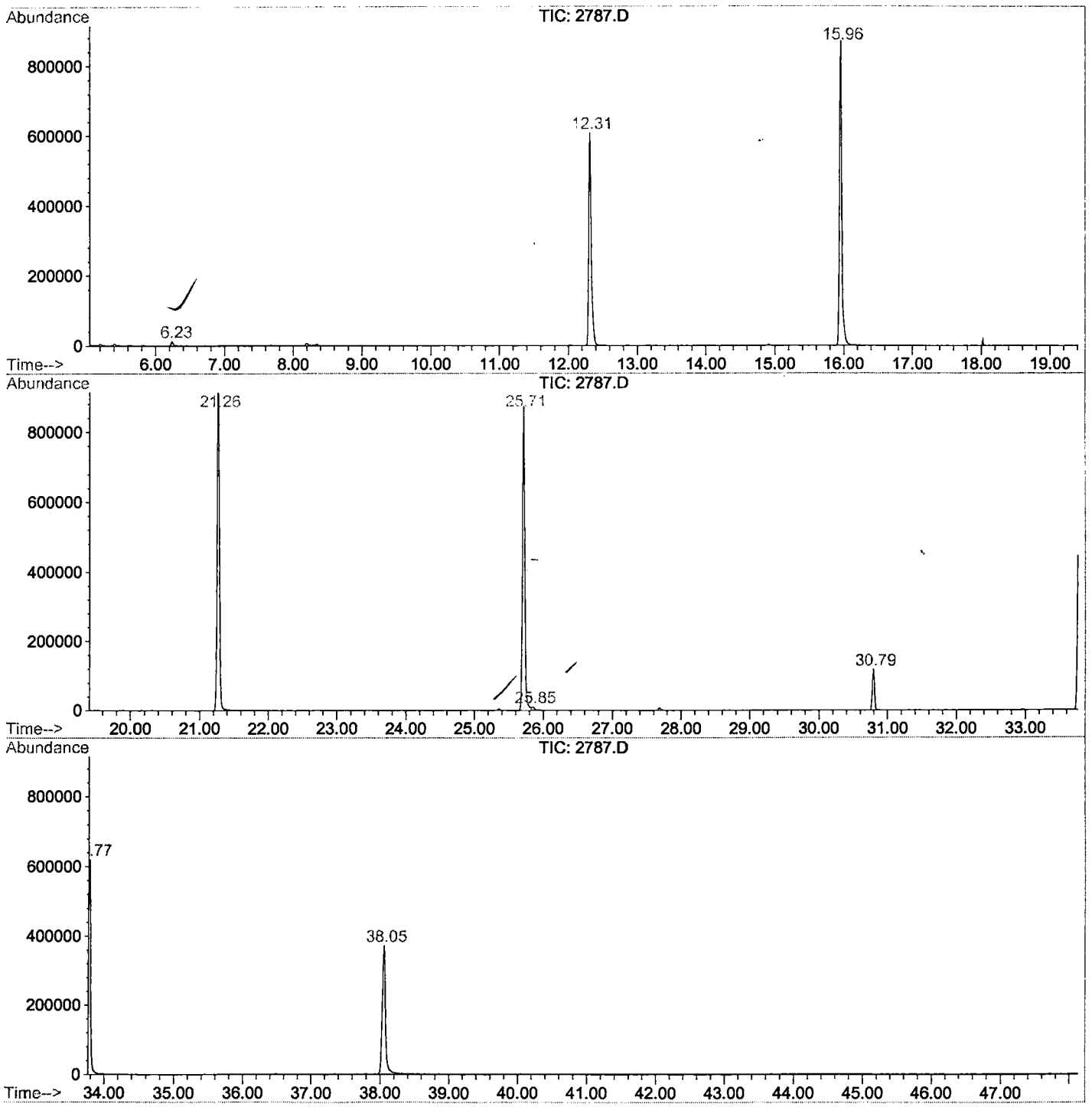
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.234	127	130	137	rBV	12215	25999	1.23%	0.245%
2	12.311	787	792	809	rBV	607175	1475441	69.60%	13.929%
3	15.956	1183	1189	1206	rBV	868485	1978140	93.32%	18.675%
4	21.262	1761	1767	1779	rBV	914558	2119758	100.00%	20.012%
5	25.715	2245	2252	2264	rBV2	873232	2012116	94.92%	18.996%
6	25.852	2264	2267	2273	rVB2	8767	23022	1.09%	0.217%
7	30.791	2800	2805	2813	rVB	118334	242291	11.43%	2.287%
8	33.775	3124	3130	3149	rBV2	619618	1533730	72.35%	14.479%
9	38.053	3587	3596	3615	rBV2	370821	1181953	55.76%	11.158%

Sum of corrected areas: 10592450

2787.D GCMS0208.M Tue Mar 05 10:52:30 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2787.D
Operator :
Acquired : 2 Mar 2002 4:01 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/6
Misc Info :
Vial Number: 21
Quant File :GCMS0208.RES (RTE Integrator)



2787.D GCMS0208.M Tue Mar 05 10:52:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2787.D Vial: 21
Acq On : 2 Mar 2002 4:01 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

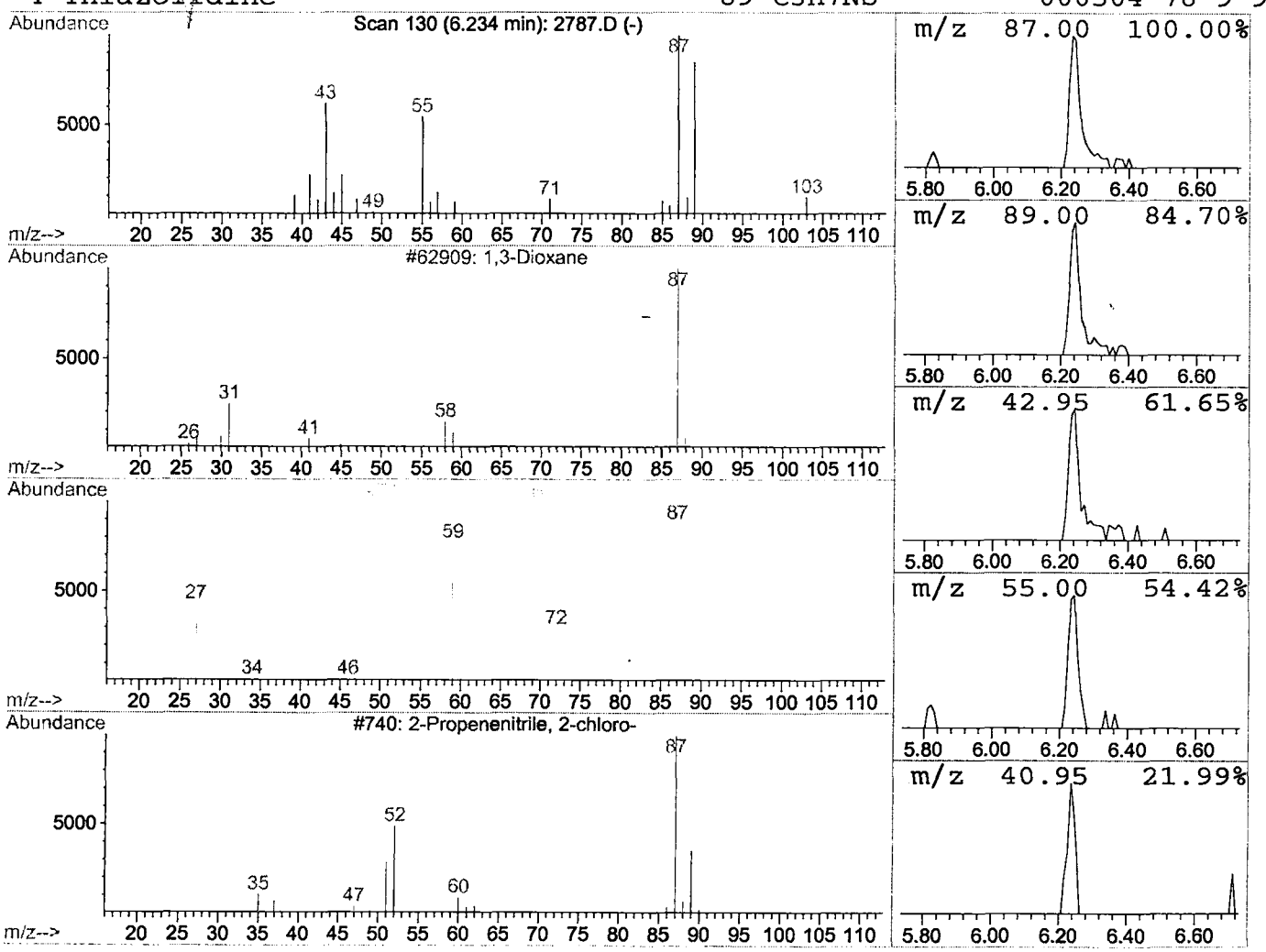
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	0.35 ug/l	25999	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane	88	C4H8O2	000505-22-6	9
2	Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	9
3	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	9
4	Thiazolidine	89	C3H7NS	000504-78-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2787.D Vial: 21
Acq On : 2 Mar 2002 4:01 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

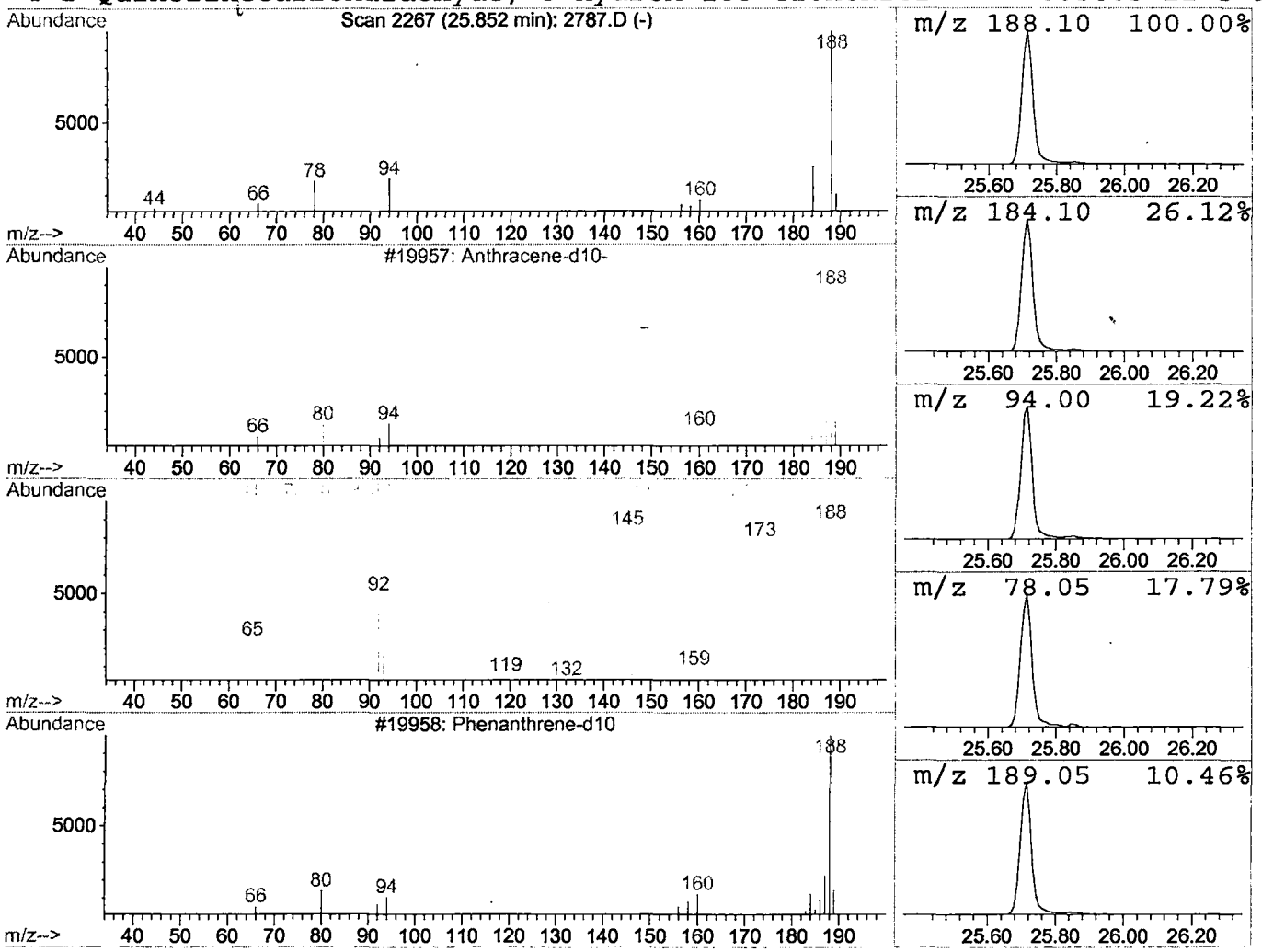
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.23 ug/l	23022	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	64
2	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
3	Phenanthrene-d10	188	C14D10	001517-22-2	38
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Mar 2002 4:01 am
Data File: C:\HPCHEM\1\DATA\MAR0102\2787.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
1,3-Dioxane	6.23	0.4	ug/l	25999	ISTD01	12.31	1475440	20.0
Anthracene-d10-	25.85	0.2	ug/l	23022	ISTD04	25.71	2012120	20.0

2787.D GCMS0208.M Tue Mar 05 10:52:49 2002