User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:14:30

Sample: AE02581
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:14 Ended: 3/15/02 17:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE02581 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:15:28

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 below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:42 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	12.30	152	475203	20.00	ug/l	-0.05
10) Naphthalene-d8	15.94	136	1852439	20.00	ug/l	-0.06
17) Acenaphthene-d10	21.24	164	988807	20.00	ug/l	-0.07
29) Phenanthrene-d10	25.70	188	1536858	20.00	ug/l	-0.07
38) Chrysene-d12	33.76	240	1264344	20.00	ug/l	-0.09
44) Perylene-d12	38.03	264	965415	20.00	ug/l	-0.10
System Monitoring Compounds						
37) 2,4-DDD	30.76	235	88765	5.53	ug/mL	0.27
Spiked Amount 5.000			Recovery = 110.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.56	74	361	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	15.99	128	380	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	21.54	165	180	N.D.		
25) Diethylphthalate	22.72	149	601	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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Sample : re-extract Inst : GC/MS 209
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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

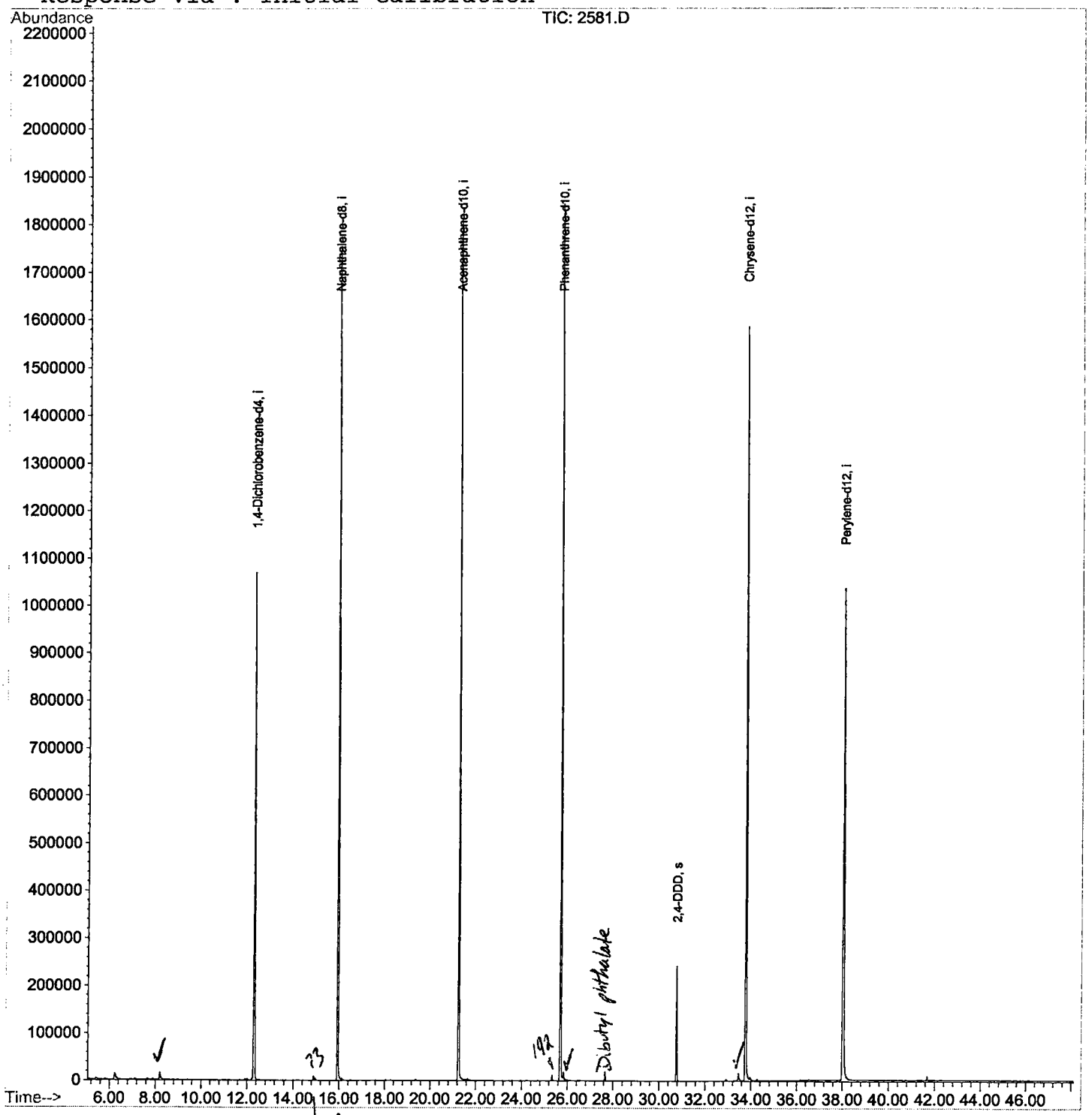
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.70	178	430	N.D.	
34)	Anthracene	25.70	178	430	N.D.	
35)	Di-n-butylphthalate	27.65	149	21800	N.D.	
36)	Fluoranthene	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	2981	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.97	149	4705	N.D.	
43)	Chrysene	33.77	228	2981	N.D.	
45)	Di-n-Octylphthalate	36.17	149	888	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	38.03	252	3766	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\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:42 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\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract 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

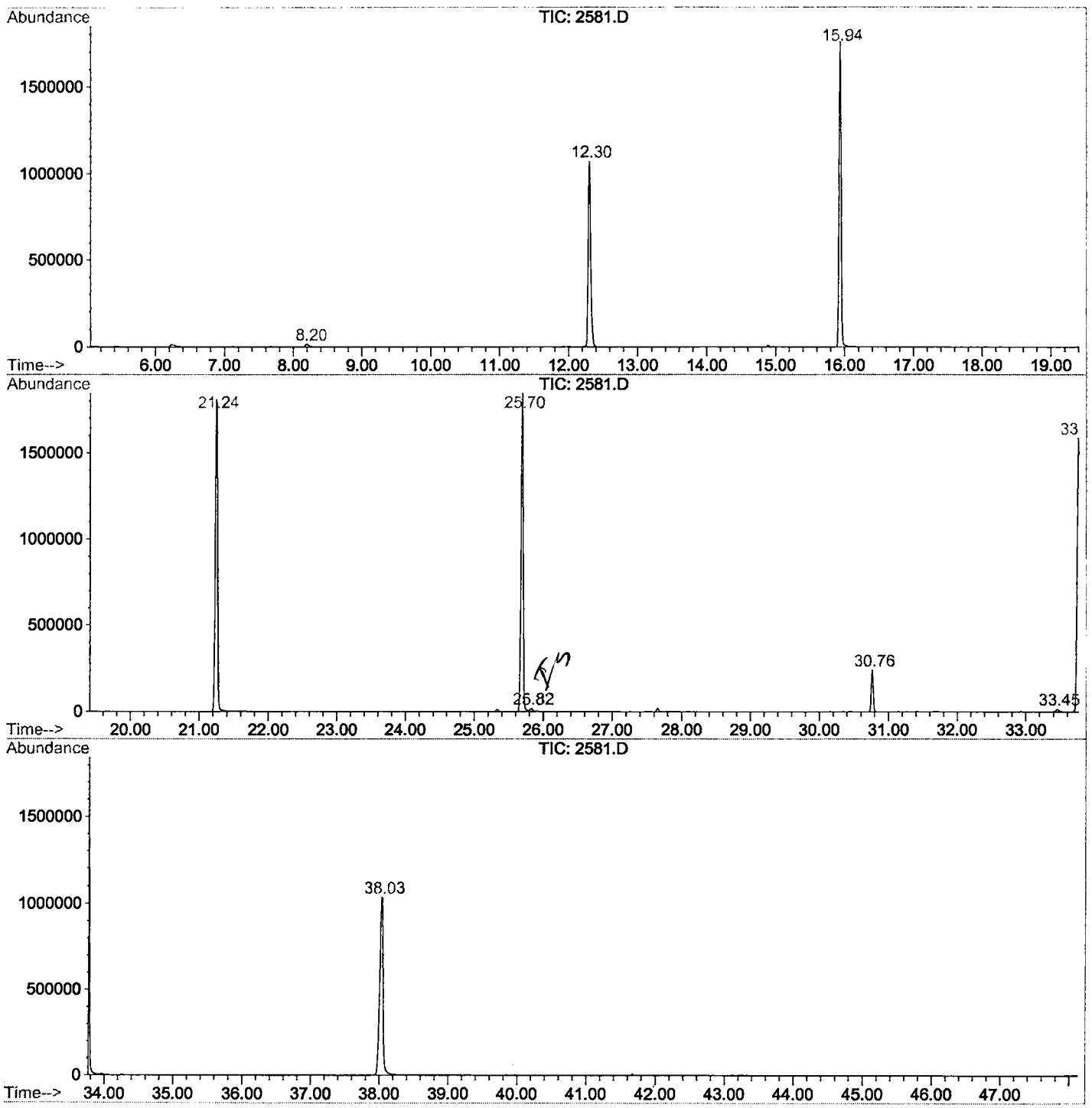
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.199	339	344	356	rBV	14782	51988	1.29%	0.236%
2	12.302	785	791	804	rVB	1069118	2665826	66.26%	12.107%
3	15.938	1181	1187	1204	rBV	1754993	3569834	88.73%	16.212%
4	21.244	1759	1765	1783	rBV	1809127	3896779	96.85%	17.697%
5	25.696	2243	2250	2260	rBV2	1844211	4023339	100.00%	18.272%
6	25.825	2260	2264	2271	rVB	16094	40487	1.01%	0.184%
7	30.764	2797	2802	2812	rVB	242078	470393	11.69%	2.136%
8	33.454	3086	3095	3106	rBV	16428	50877	1.26%	0.231%
9	33.757	3121	3128	3147	rBV2	1586212	3835453	95.33%	17.419%
10	38.035	3584	3594	3611	rBV2	1034091	3414098	84.86%	15.505%

Sum of corrected areas: 22019074

2581.D GCMS0208.M Wed Mar 13 14:47:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0702\2581.D
Operator :
Acquired : 8 Mar 2002 12:21 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 24
Quant File :GCMS0208.RES (RTE Integrator)



2581.D GCMS0208.M Wed Mar 13 14:47:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

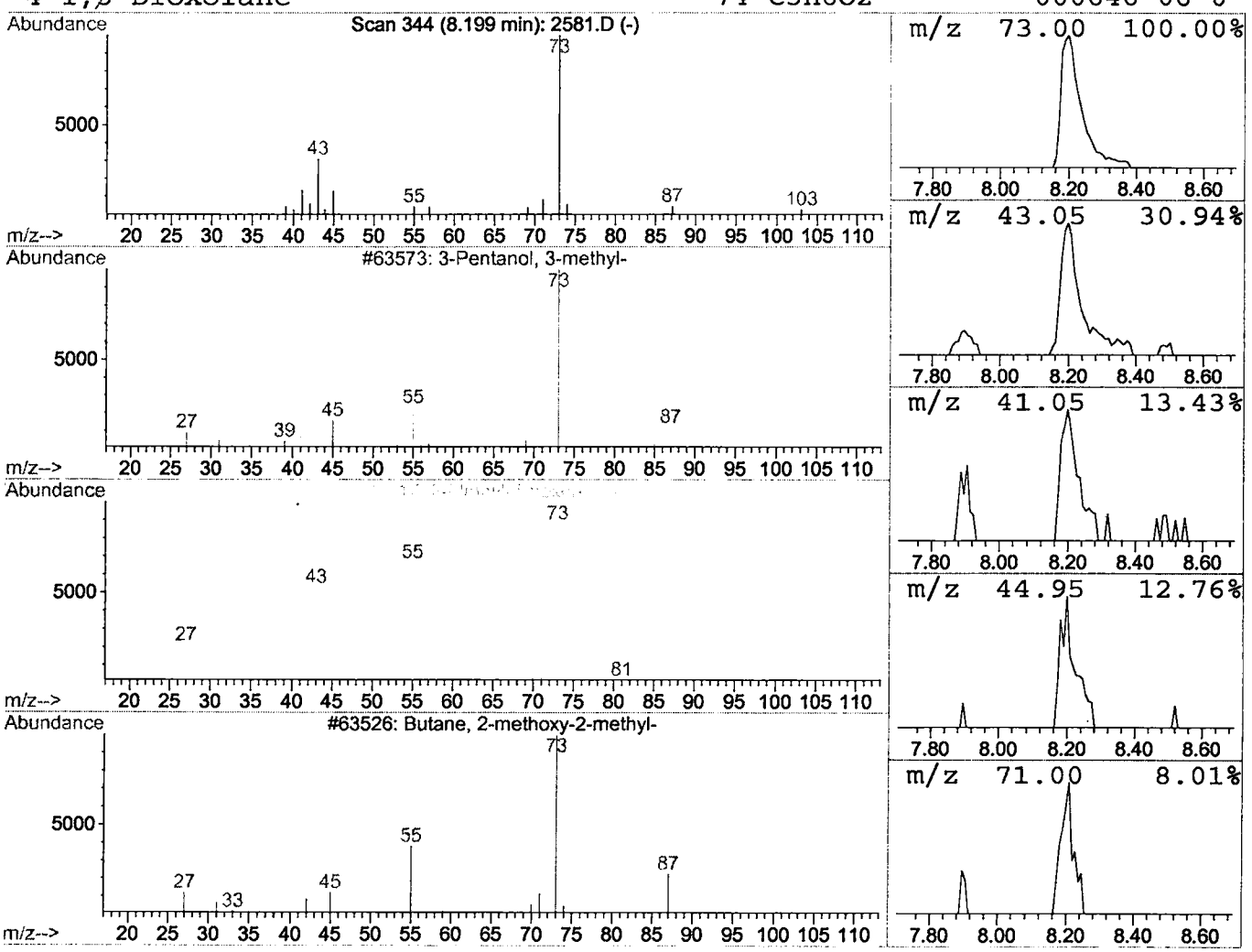
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.39 ug/l	51988	1,4-Dichlorobenzene-d4	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

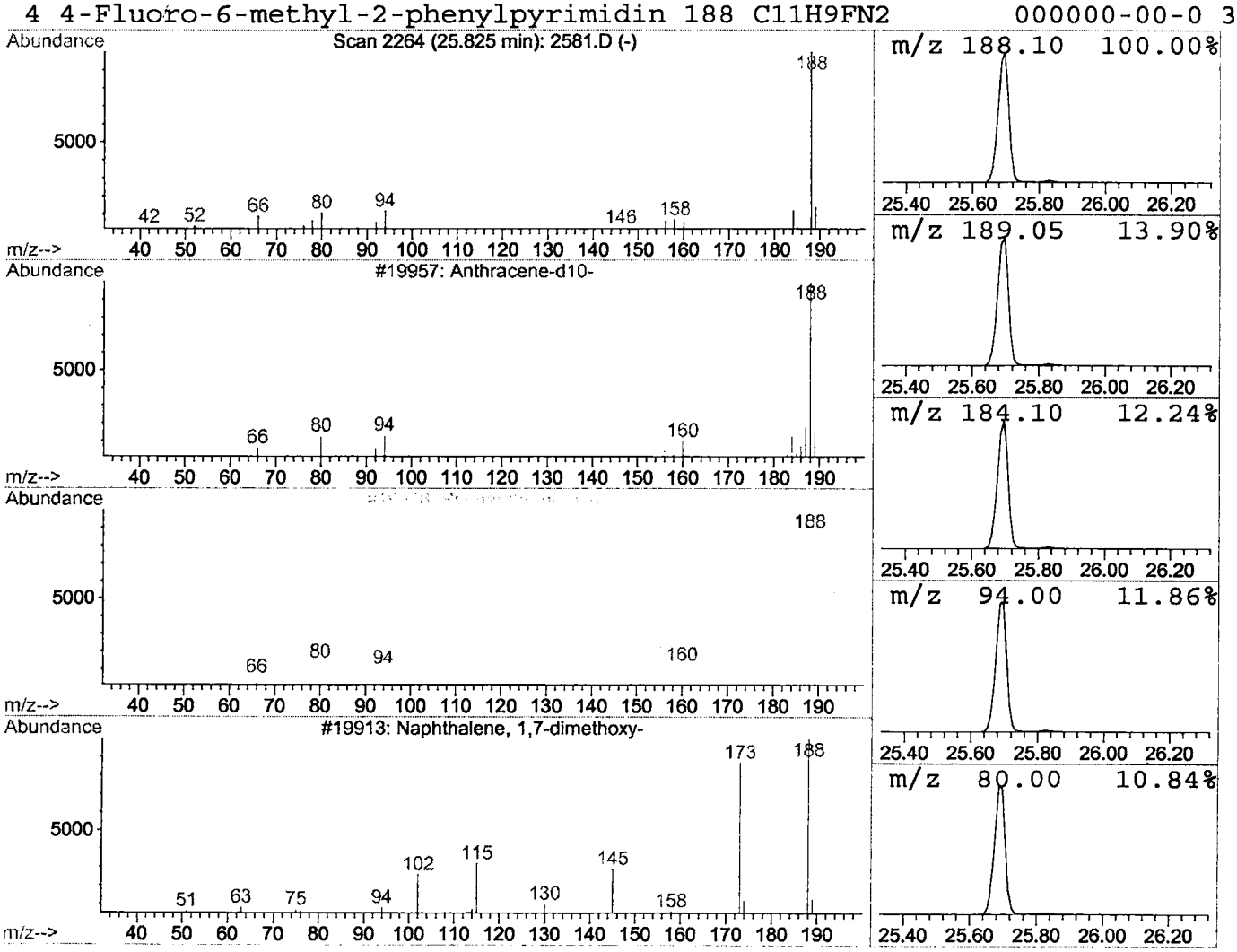
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	0.20 ug/l	40487	Phenanthrene-d10	25.70

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	91
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2581.D Vial: 24
Acq On : 8 Mar 2002 12:21 pm Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

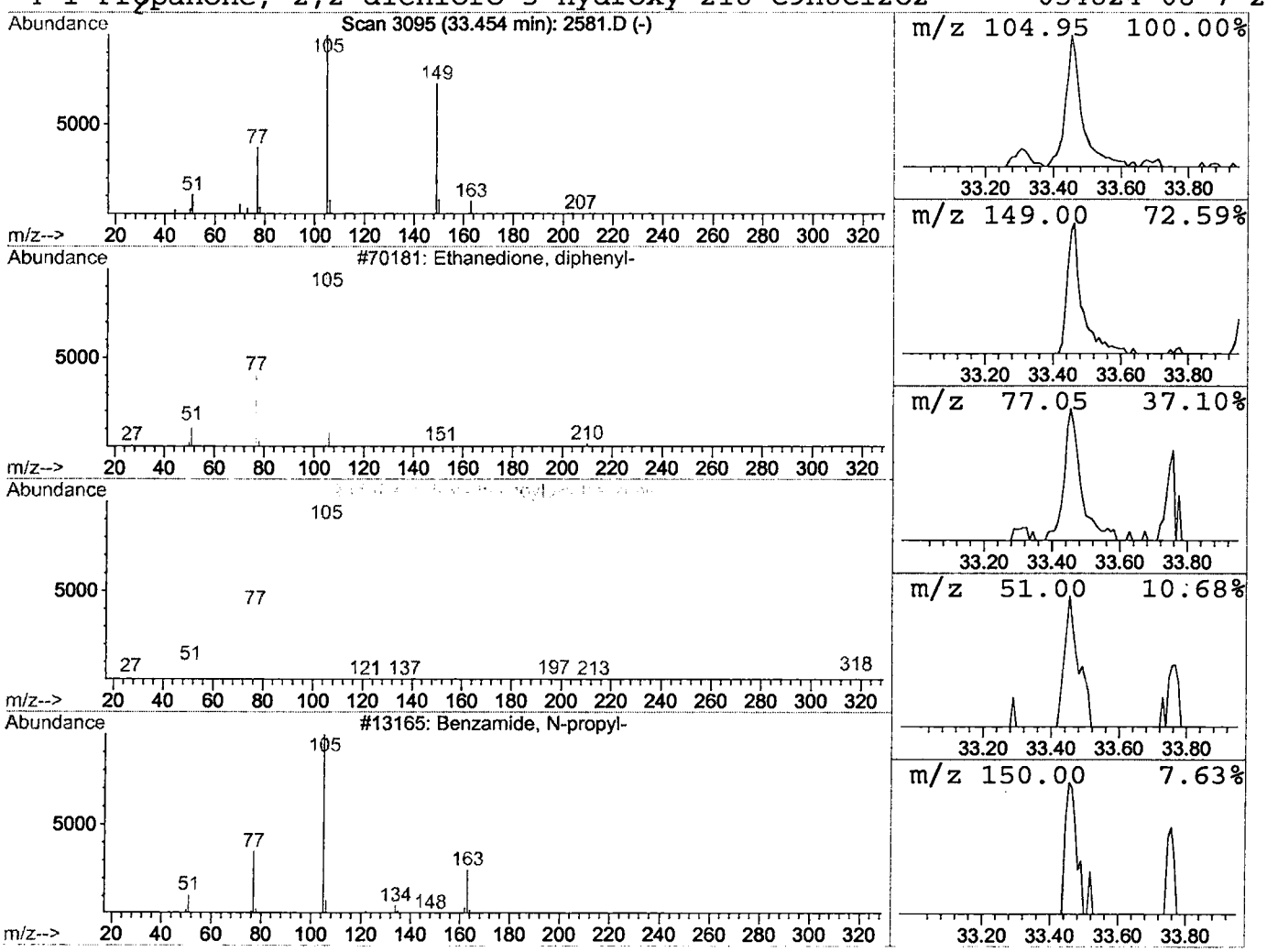
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethanedione, diphenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.45	0.27 ug/l	50877	Chrysene-d12	33.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	25
2	1,2-Bis(benzoyloxy)benzene	318	C20H14O4	000643-94-7	25
3	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	25
4	1-Propanone, 2,2-dichloro-3-hydroxy	218	C9H8Cl2O2	054824-08-7	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Mar 2002 12:21 pm
Data File: C:\HPCHEM\1\DATA\MAR0702\2581.D
Name: re-extract
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
3-Pentanol, 3-methyl	8.20	0.4	ug/l	51988	ISTD01	12.30	2665830	20.0
Anthracene-d10-	25.82	0.2	ug/l	40487	ISTD04	25.70	4023340	20.0
Ethanedione, dipheny	33.45	0.3	ug/l	50877	ISTD05	33.76	3835450	20.0

2581.D GCMS0208.M Wed Mar 13 14:47:38 2002