User: Vinci, David L
Vestchester Dept. of Labs & Research
Date: 03/07/2002 Time: 16:56:45

Sample: AE02597
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:55 Ended: 3/7/02 16:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		121		5.0

›mments for Sample AE02597 - Analysis $GCMS

'estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 03-07-2002 Time: 16:56:49

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

Quantitation Report (QT Reviewed)

Vial: 7
Operator: RES
Inst : GC/MS 209
Multiplr: 1.00
Integration Params: GOOFY.P
Quant Results File: GCMS0208.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1,4-Dichlorobenzene-d4	12.32	152	294011	20.00	ug/l	-0.03
Naphthalene-d8	15.95	136	1142564	20.00	ug/l	-0.04
Acenaphthene-d10	21.27	164	607319	20.00	ug/l	-0.04
Phenanthrene-d10	25.71	188	890538	20.00	ug/l	-0.05
Chrysene-d12	33.78	240	623672	20.00	ug/l	-0.06
Perylene-d12	38.05	264	430889	20.00	ug/l	-0.07
Monitoring Compounds						
4,4'-DDD	30.80	235	56371	6.06	ug/mL	0.30
Spiked Amount 5.000			Recovery = 121.20%			

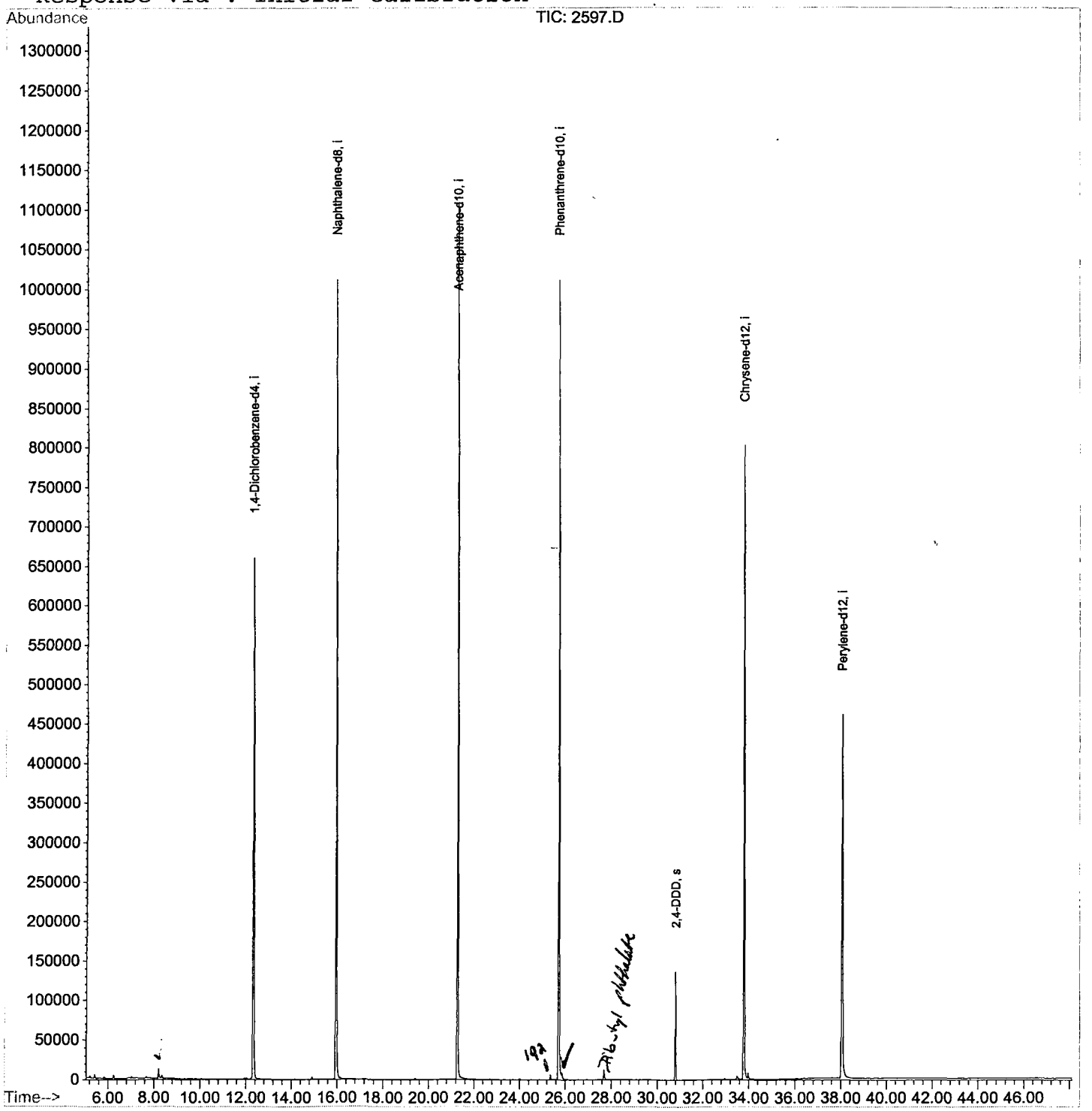
Target Compounds				Qvalue
Benzidine	0.00	74	0	N.D.
bis(2-Chloroethyl)ether	0.00	93	0	N.D.
1,3-Dichlorobenzene	0.00	146	0	N.D.
1,4-Dichlorobenzene	0.00	146	0	N.D.
1,2-Dichlorobenzene	0.00	146	0	N.D.
2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
N-Nitroso-di-n-propylamine	0.00	70	0	N.D.
Hexachloroethane	0.00	117	0	N.D.
Nitrobenzene	0.00	77	0	N.D.
Isophorone	0.00	82	0	N.D.
bis(2-Chloroethoxy)methane	0.00	93	0	N.D.
1,2,4-Trichlorobenzene	0.00	180	0	N.D.
Naphthalene	0.00	128	0	N.D.
Hexachlorobutadiene	0.00	225	0	N.D.
Hexachlorocyclopentadiene	0.00	237	0	N.D.
2-Chloronaphthalene	0.00	162	0	N.D.
Dimethylphthalate	0.00	163	0	N.D.
2,6-Dinitrotoluene	0.00	165	0	N.D.
Acenaphthylene	0.00	152	0	N.D.
Acenaphthene	0.00	153	0	N.D.
2,4-Dinitrotoluene	0.00	165	0	N.D.
Diethylphthalate	22.75	149	450	N.D.
4-Chlorophenyl-phenylether	0.00	204	0	N.D.
Fluorene	0.00	166	0	N.D.
N-Nitrosodiphenylamine/ 1,2-Diphenylhyd	0.00	77	0	N.D.

(f) = peak out of range (m) = manual integration
GCMS0208.M Mon Mar 04 11:20:44 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2597.D Vial: 7
Acq On : 1 Mar 2002 2:15 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 11:19 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\2597.D Vial: 7
Acq On : 1 Mar 2002 2:15 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	353	rBV	11972	27957	1.16%	0.226%
2	12.310	787	792	809	rVB	659374	1654468	68.53%	13.365%
3	15.955	1183	1189	1206	rBV	1011166	2217441	91.84%	17.912%
4	21.270	1761	1768	1789	rBV	1108132	2414347	100.00%	19.503%
5	25.713	2246	2252	2264	rBV2	1010556	2322601	96.20%	18.762%
6	25.851	2264	2267	2280	rVB2	8926	30901	1.28%	0.250%
7	27.687	2462	2467	2474	rVB	12431	28249	1.17%	0.228%
8	30.790	2800	2805	2814	rVB	136192	287567	11.91%	2.323%
9	33.783	3124	3131	3150	rBV2	801674	1888471	78.22%	15.255%
10	38.052	3587	3596	3612	rBV2	459058	1507567	62.44%	12.178%

Sum of corrected areas: 12379569

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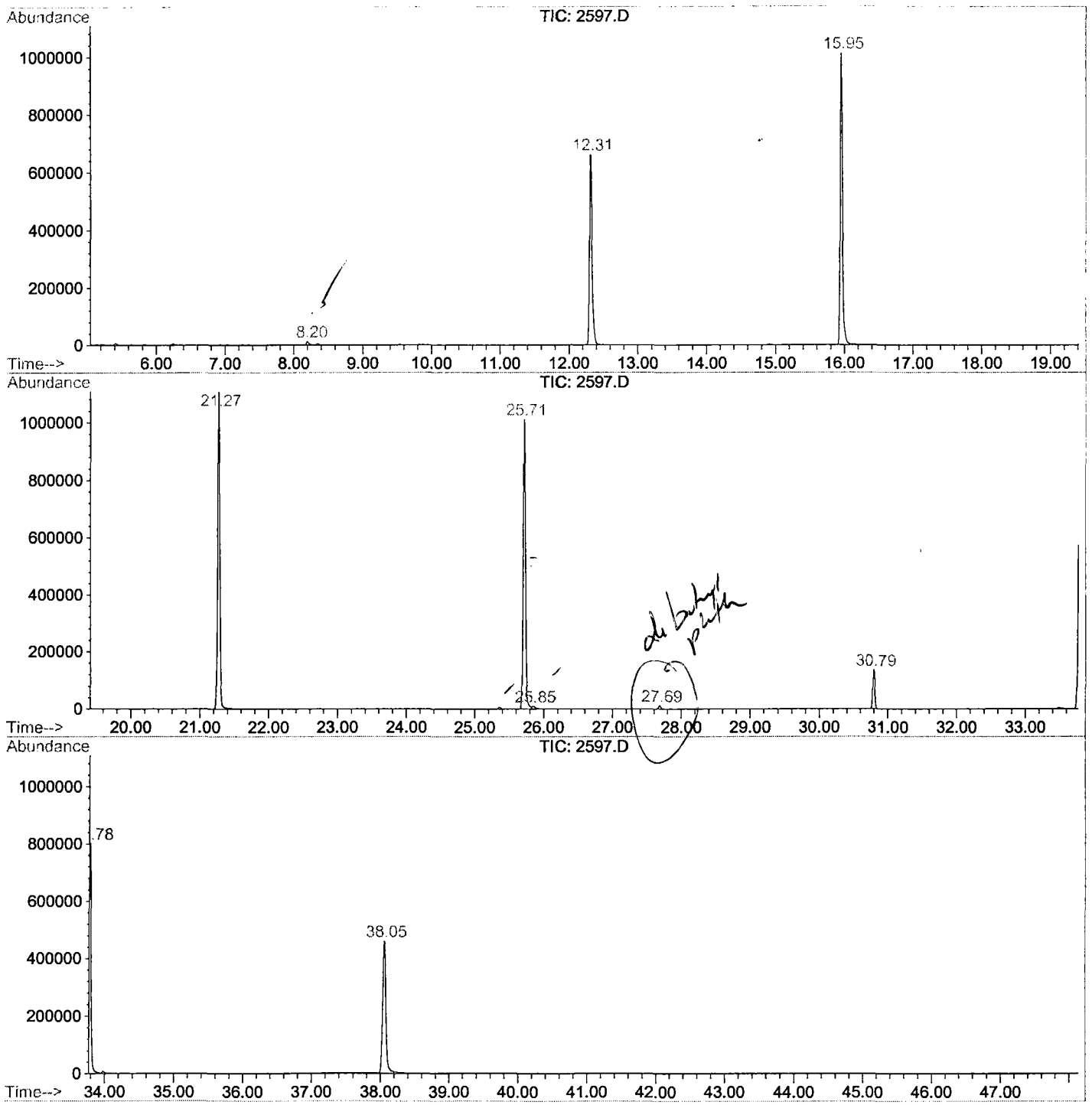
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2597.D
Operator :
Acquired : 1 Mar 2002 2:15 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 7
Quant File :GCMS0208.RES (RTE Integrator)



2597.D GCMS0208.M Mon Mar 04 11:41:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2597.D Vial: 7
Acq On : 1 Mar 2002 2:15 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

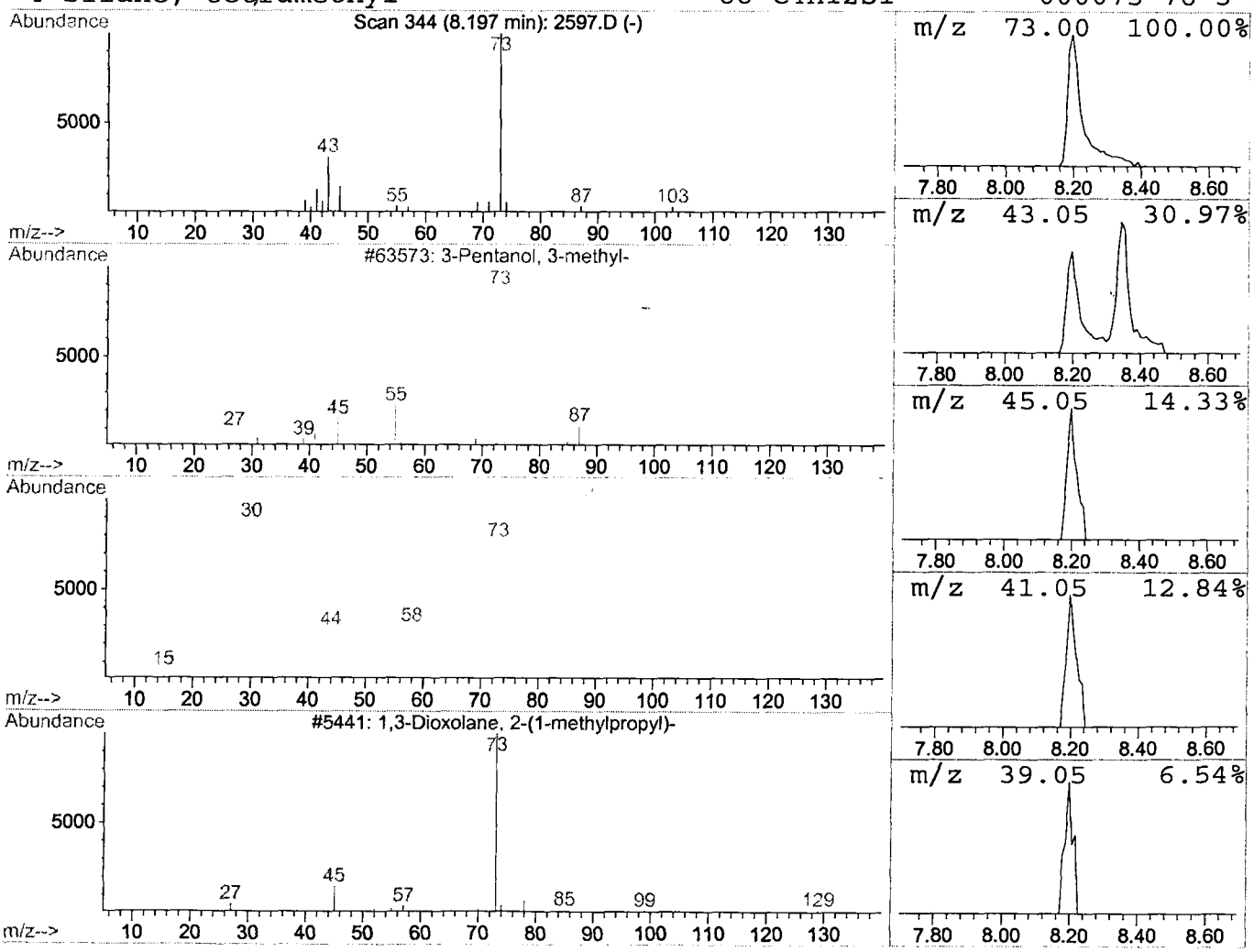
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.34 ug/l	27957	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	N-Ethylformamide	73	C3H7NO	000627-45-2	4
3	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	4
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2597.D Vial: 7
Acq On : 1 Mar 2002 2:15 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

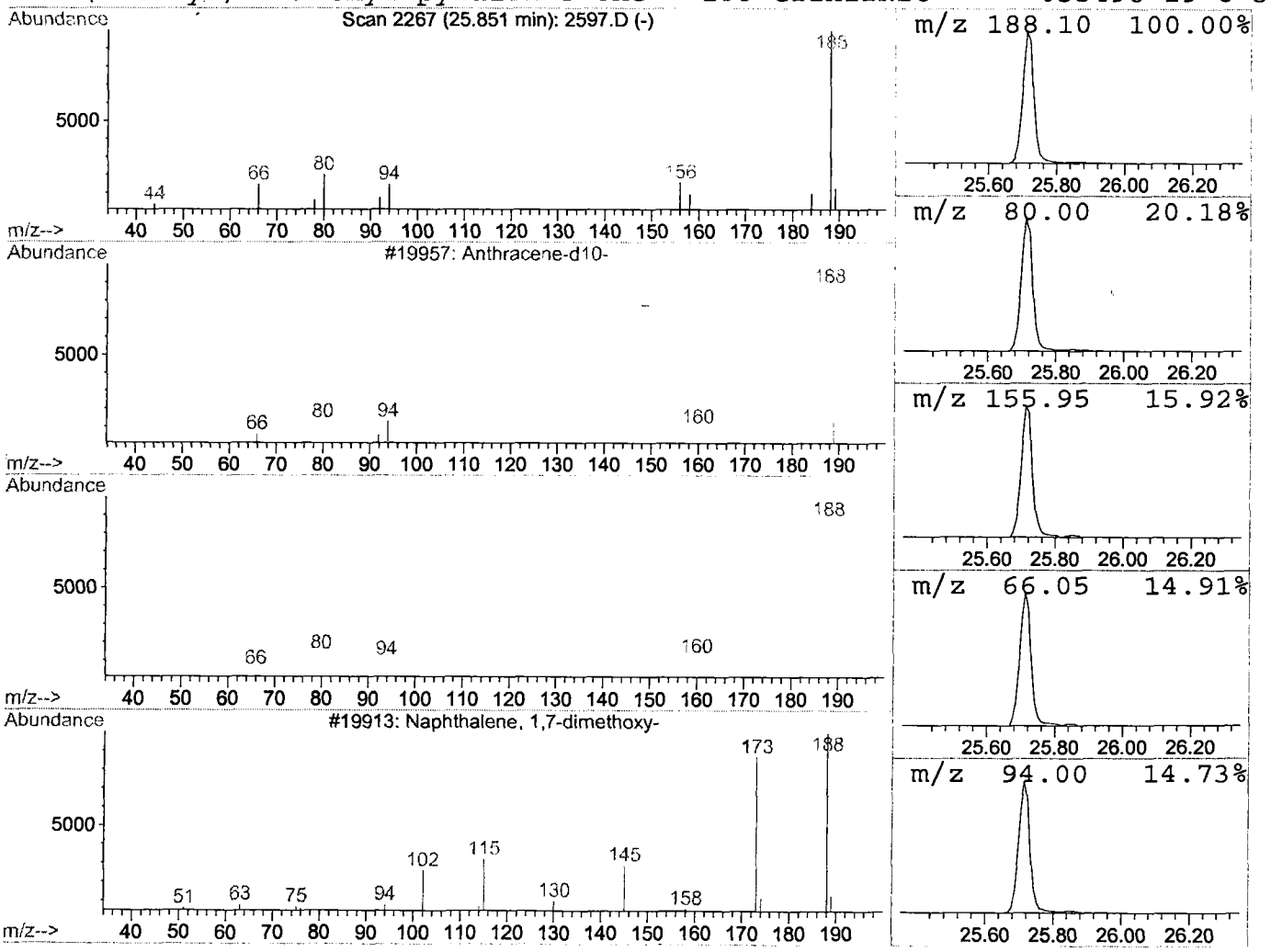
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.27 ug/l	30901	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	56
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2597.D Vial: 7
Acq On : 1 Mar 2002 2:15 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

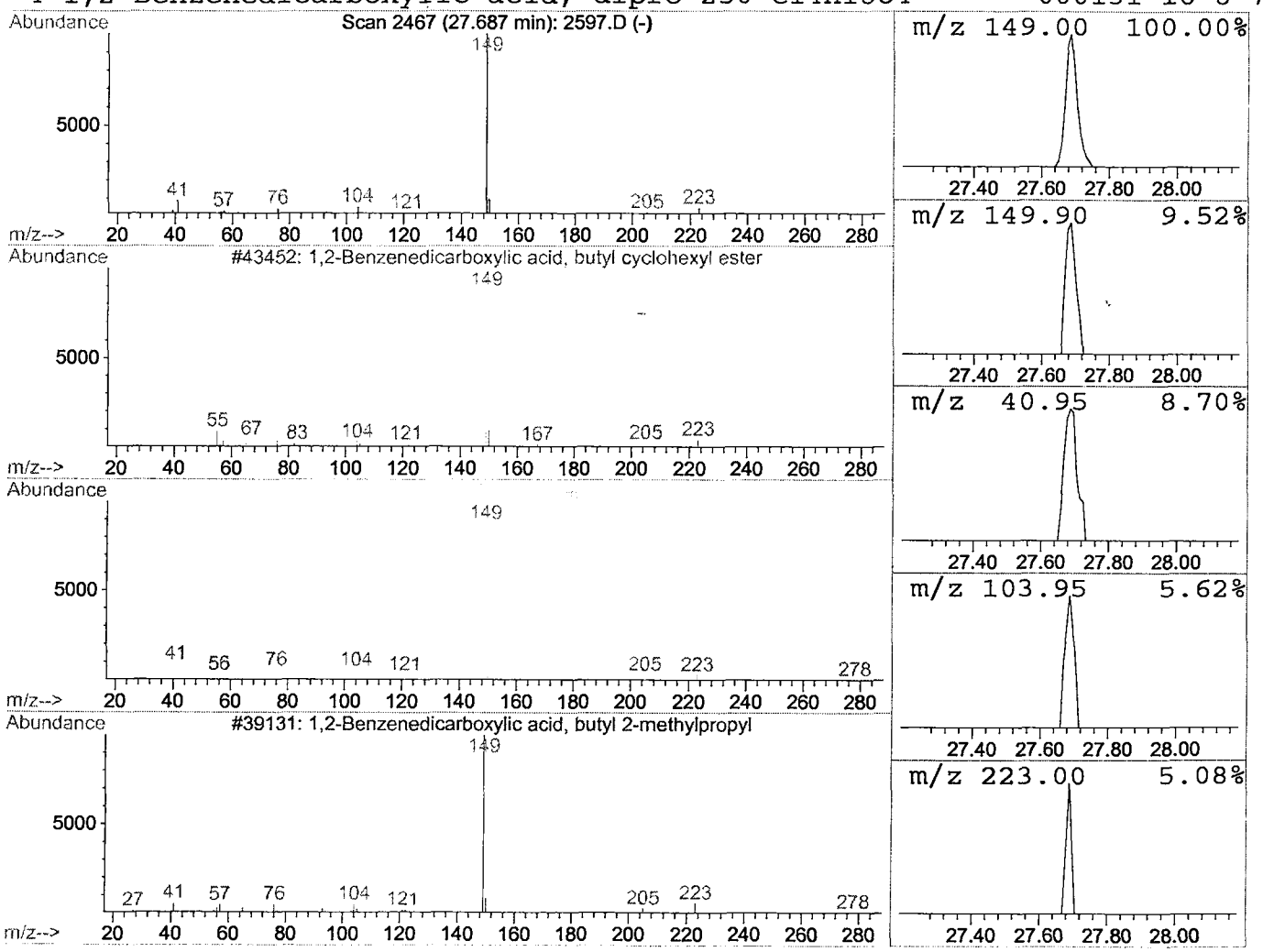
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,2-Benzenedicarboxylic acid, Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.69	0.24 ug/l	28249	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, butyl	304	C18H24O4	000084-64-0	83
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
3	1,2-Benzenedicarboxylic acid, butyl	278	C16H22O4	017851-53-5	83
4	1,2-Benzenedicarboxylic acid, dipro	250	C14H18O4	000131-16-8	78



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 2:15 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2597.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
3-Pentanol, 3-methyl	8.20	0.3	ug/l	27957	ISTD01	12.32	1654470	20.0
Anthracene-d10-	25.85	0.3	ug/l	30901	ISTD04	25.71	2322600	20.0
1,2-Benzenedicarboxy	27.69	0.2	ug/l	28249	ISTD04	25.71	2322600	20.0

2597.D GCMS0208.M Mon Mar 04 11:41:29 2002