User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 17:00:01

Sample: AE02599
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:59 Ended: 3/7/02 16:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

›mments for Sample AE02599 - Analysis $GCMS

'estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 03-07-2002 Time: 17:00:17

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)

Data File : C:\HPCHEM\1\DATA\MAR0102\2599.D Vial: 9
Acq On : 1 Mar 2002 4:14 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 11:23 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	279618	20.00	ug/l	-0.04
10) Naphthalene-d8	15.95	136	1076225	20.00	ug/l	-0.05
17) Acenaphthene-d10	21.27	164	569102	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.71	188	821590	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	581903	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	402188	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	56543	6.59	ug/mL	-0.30
Spiked Amount 5.000			Recovery = 131.80%			
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	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	265	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

Quantitation Report (QT Reviewed)

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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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	12861	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	1203	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	712	N.D.	
43)	Chrysene	33.78	228	1203	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	38.07	252	1361	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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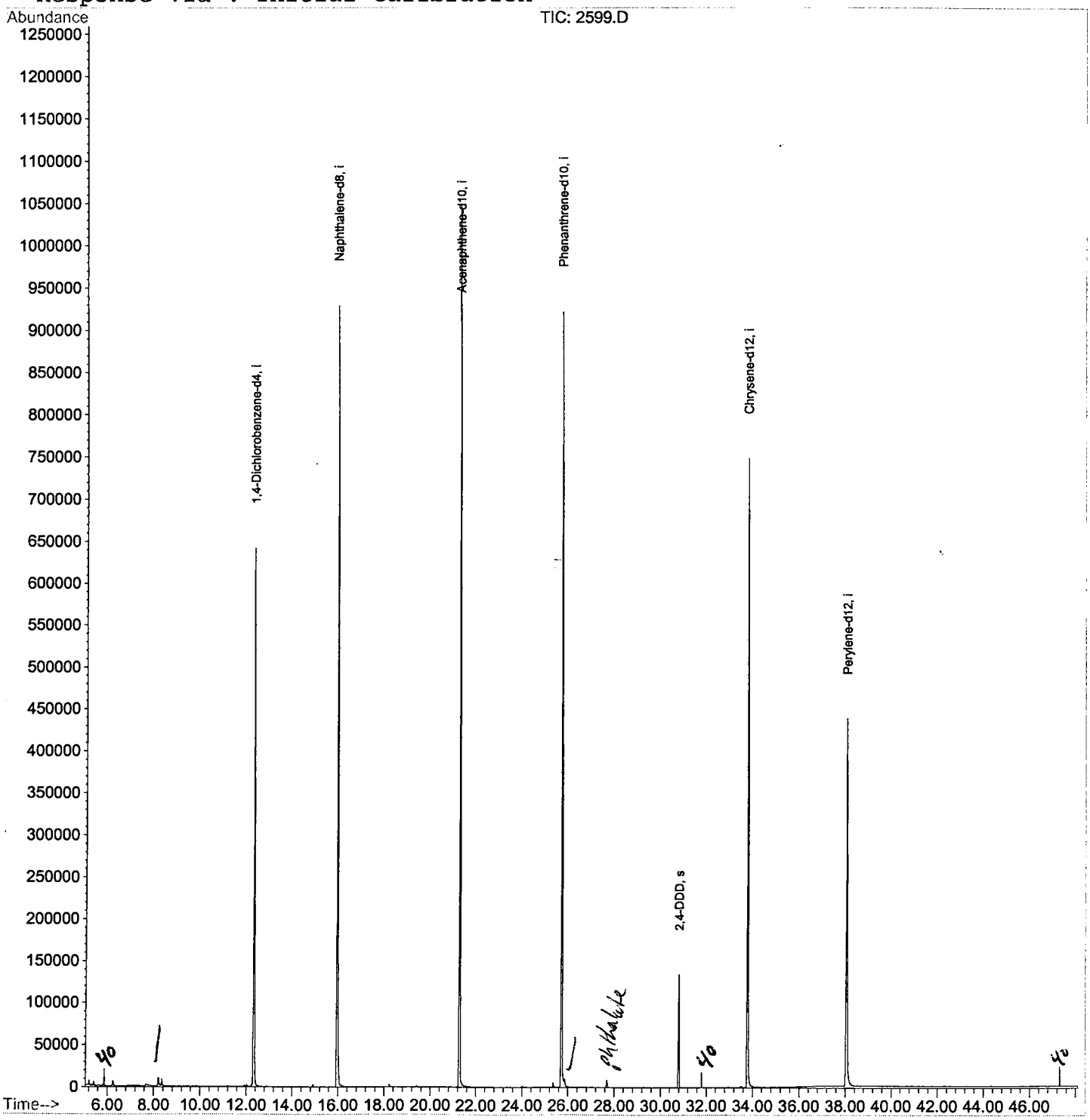
Acq On : 1 Mar 2002 4:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:23 2002 Quant Results File: GCMS0208.RES

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\2599.D Vial: 9
Acq On : 1 Mar 2002 4:14 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

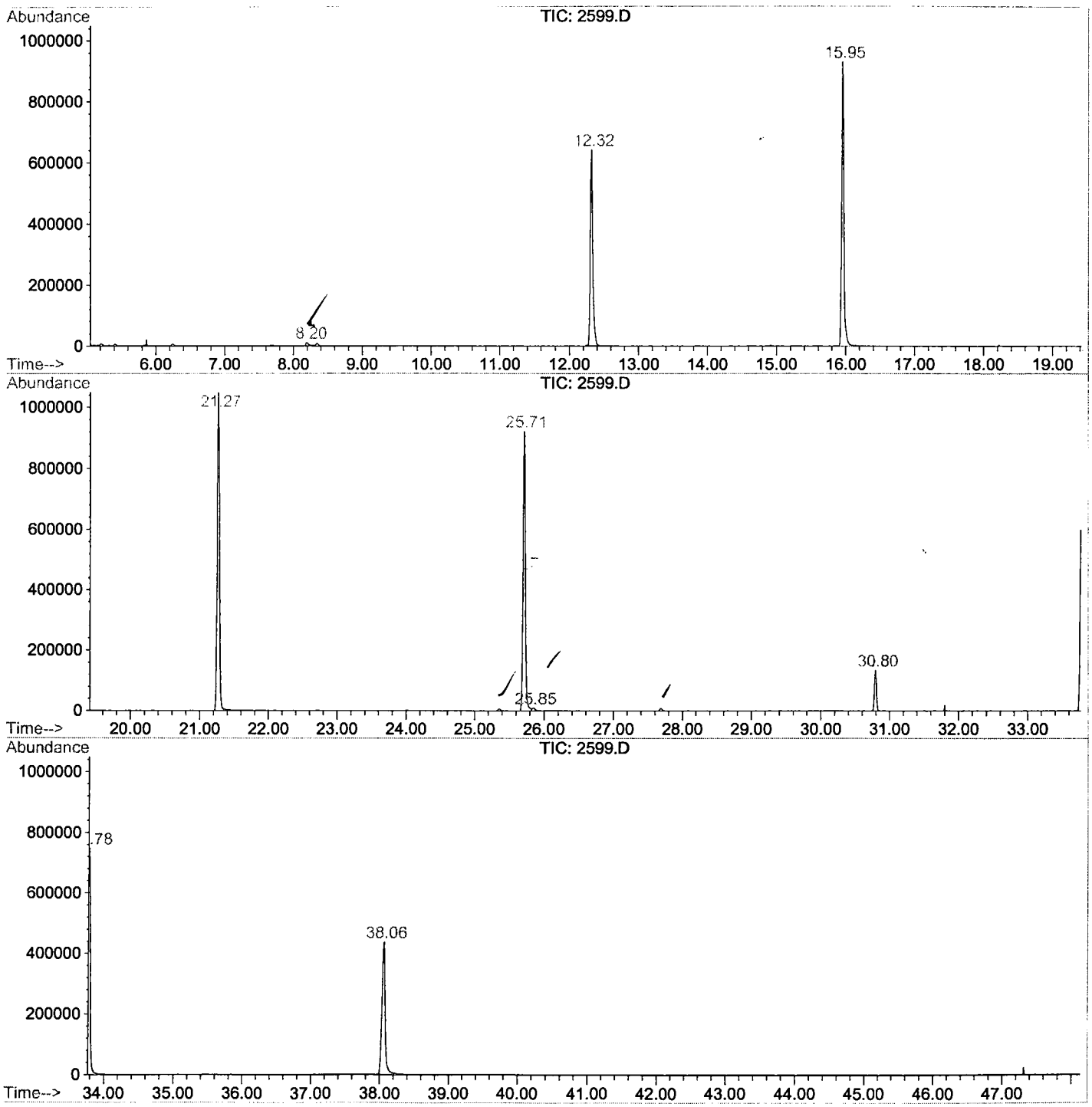
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.195	339	343	351	rBV	10569	27145	1.20%	0.235%
2	12.317	786	792	808	rVB	640701	1562037	69.26%	13.541%
3	15.953	1182	1188	1206	rBV	928790	2080872	92.27%	18.038%
4	21.268	1761	1767	1783	rBV	1049022	2255215	100.00%	19.550%
5	25.711	2245	2251	2263	rBV2	922161	2158147	95.70%	18.708%
6	25.849	2263	2266	2273	rVB2	8719	25017	1.11%	0.217%
7	30.797	2799	2805	2813	rVB	134078	284394	12.61%	2.465%
8	33.781	3123	3130	3146	rBV2	747815	1742462	77.26%	15.105%
9	38.059	3587	3596	3612	rBV2	436547	1400465	62.10%	12.140%

Sum of corrected areas: 11535754

2599.D GCMS0208.M Mon Mar 04 11:43:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2599.D
Operator :
Acquired : 1 Mar 2002 4:14 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 9
Quant File :GCMS0208.RES (RTE Integrator)



2599.D GCMS0208.M Mon Mar 04 11:43:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2599.D Vial: 9
Acq On : 1 Mar 2002 4:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

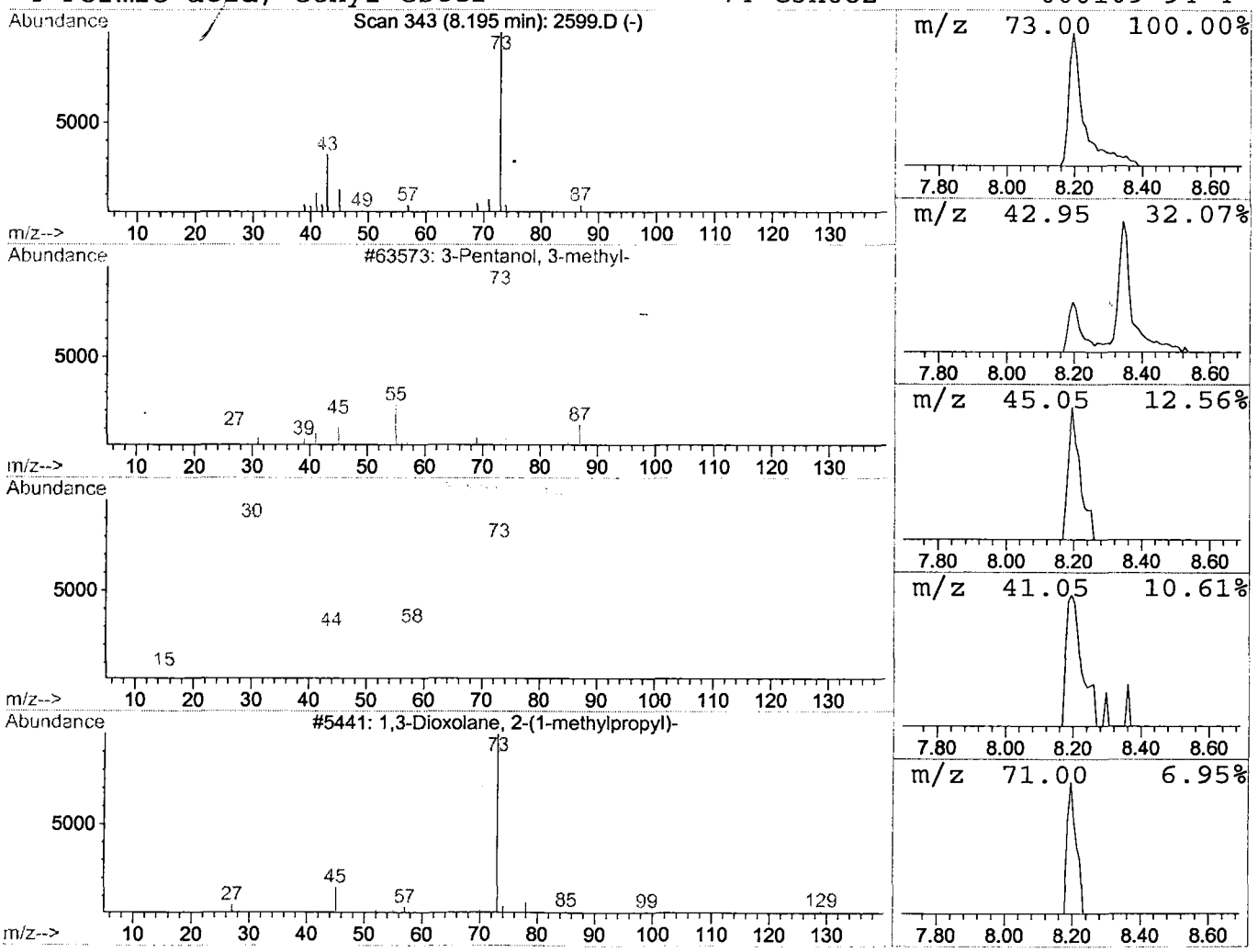
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.35 ug/l	27145	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	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	4
3	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	4
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2599.D Vial: 9
Acq On : 1 Mar 2002 4:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

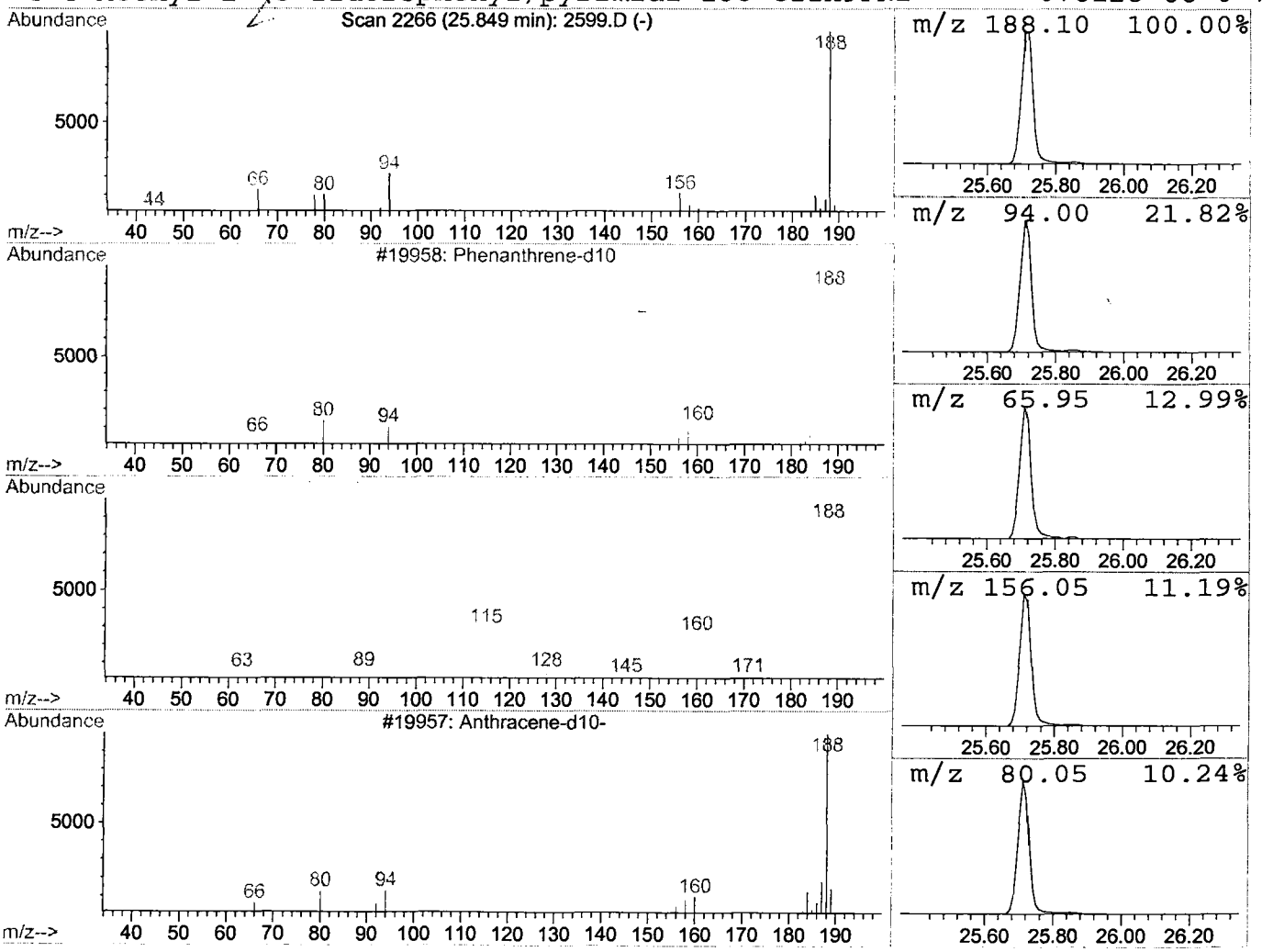
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.23 ug/l	25017	Phenanthrene-d10	25.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	10
2	3H-Naphtho[1,8-bc]thiophen-3-one, 4	188	C11H8OS	010245-79-1	9
3	Anthracene-d10-	188	C14D10	001719-06-8	9
4	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 4:14 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2599.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	27145	ISTD01	12.32	1562040	20.0
Phenanthrene-d10	25.85	0.2	ug/l	25017	ISTD04	25.71	2158150	20.0

2599.D GCMS0208.M Mon Mar 04 11:43:34 2002