User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:53:54

Sample: AE02578
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:52 Ended: 3/25/02 14:52 Analyst: DLV
Page: 1

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

Comments for Sample AE02578 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:53:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 8 of the compounds in the LCS Standard are high while 1 was low. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:06 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	456680	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1767838	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	959653	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1409790	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	844240	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	518716	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	109515	10.69	ug/mL	0.24
Spiked Amount 5.000			Recovery = 213.80%			
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	22.69	149	1650	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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Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:06 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

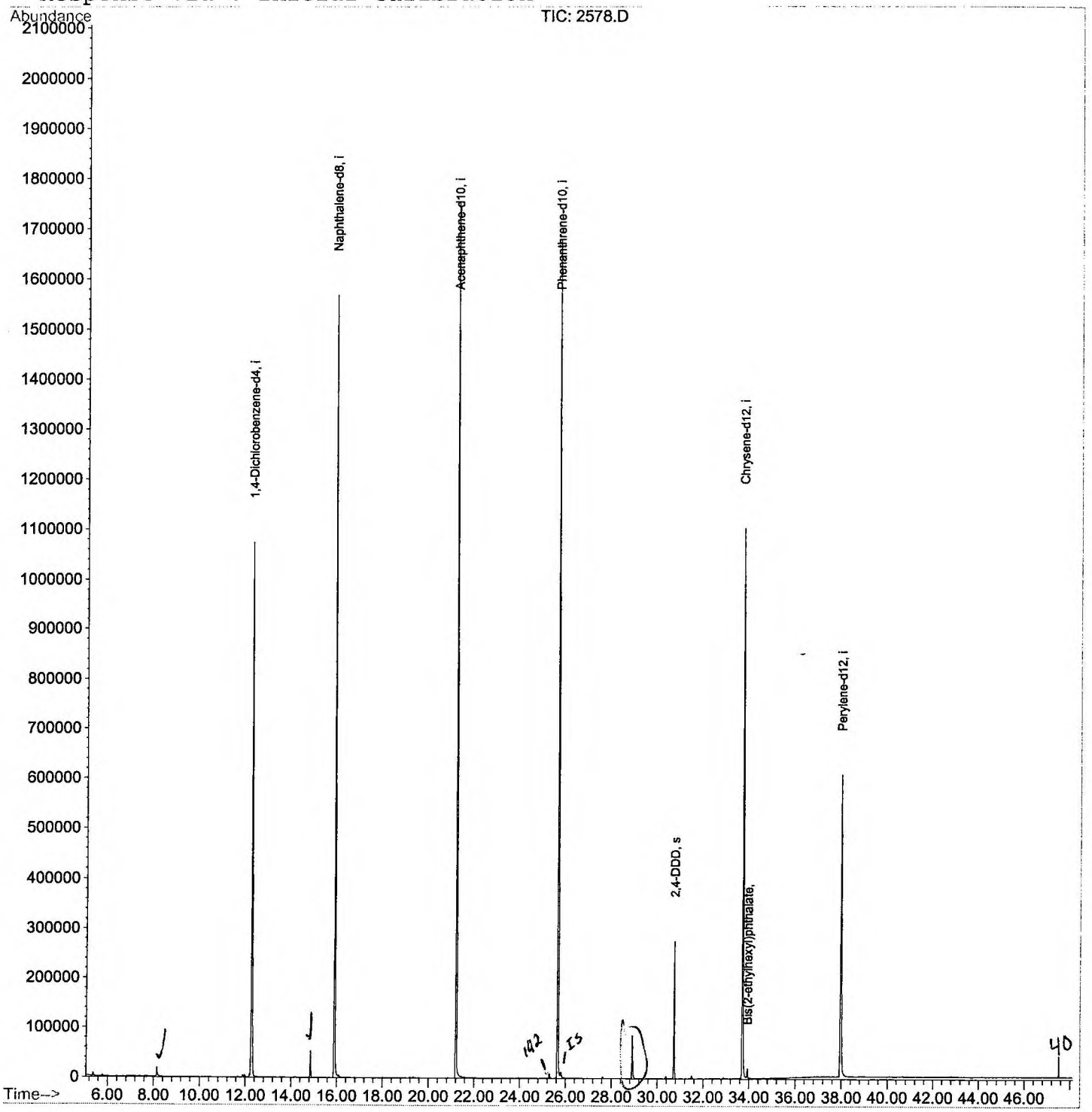
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	484	N.D.	
34)	Anthracene	25.66	178	484	N.D.	
35)	Di-n-butylphthalate	27.62	149	6146	N.D.	
36)	Fluoranthene	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	33.72	228	1789	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	11836	0.35 ug/l #	96
43)	Chrysene	33.72	228	1789	N.D.	
45)	Di-n-Octylphthalate	35.68	149	206	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	37.96	252	1781	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\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:06 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



2578.D GCMS0308.M Thu Mar 21 14:07:46 2002 Page 3

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

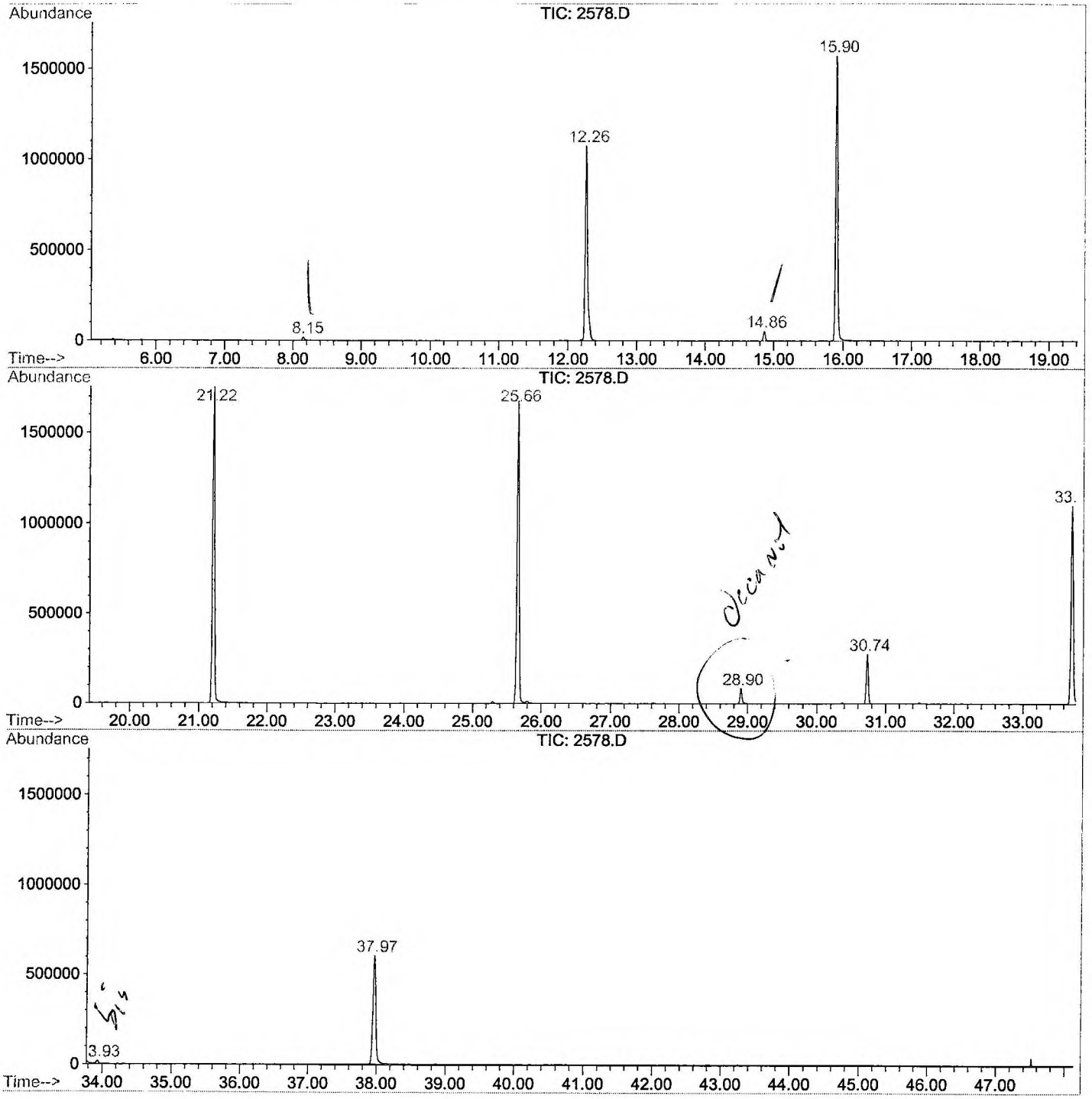
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.152	334	338	349	rBV	18224	42709	1.17%	0.234%
2	12.264	781	786	801	rVB	1071868	2509213	68.71%	13.771%
3	14.862	1063	1069	1074	rBV	52368	98328	2.69%	0.540%
4	15.900	1176	1182	1201	rBV	1567823	3349997	91.73%	18.385%
5	21.215	1754	1761	1773	rBV	1754087	3652004	100.00%	20.043%
6	25.658	2238	2245	2256	rBV2	1676309	3534680	96.79%	19.399%
7	28.899	2593	2598	2614	rBV	84881	181464	4.97%	0.996%
8	30.735	2792	2798	2803	rBV	275735	539884	14.78%	2.963%
9	33.719	3116	3123	3139	rBV2	1101814	2470141	67.64%	13.556%
10	33.930	3142	3146	3153	rVB	18359	41442	1.13%	0.227%
11	37.969	3577	3586	3602	rBV2	603607	1801233	49.32%	9.885%

Sum of corrected areas: 18221095

2578.D GCMS0308.M Thu Mar 21 14:27:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2578.D
Operator :
Acquired : 21 Mar 2002 6:39 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4 fb
Misc Info :
Vial Number: 27
Quant File :GCMS0308.RES (RTE Integrator)



2578.D GCMS0308.M Thu Mar 21 14:27:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

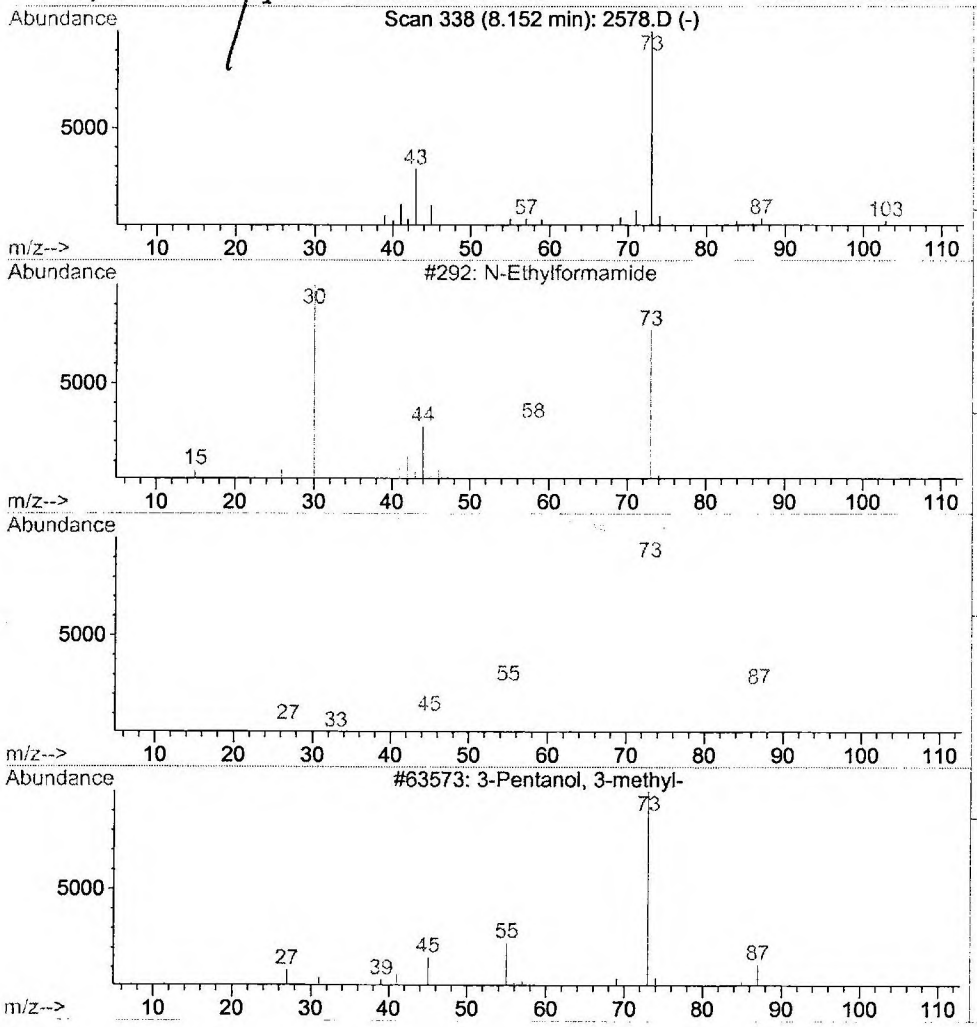
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

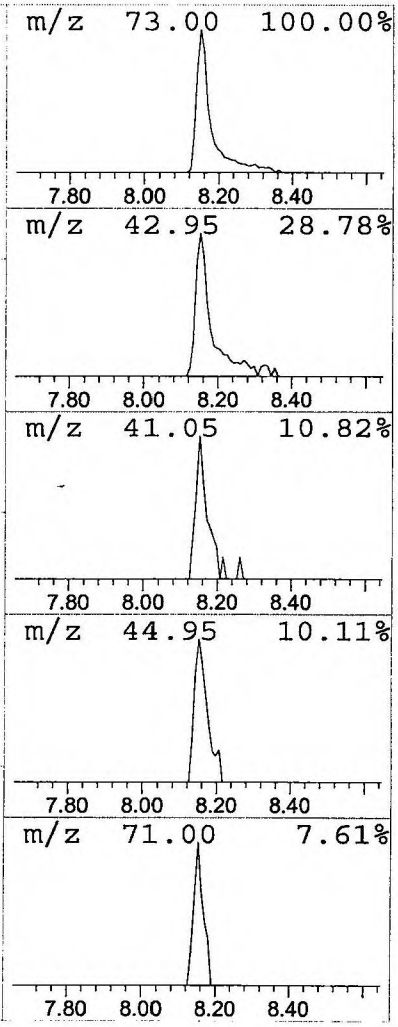
****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.34 ug/l	42709	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	4





Data File : C:\HPCHEM\1\DATA\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

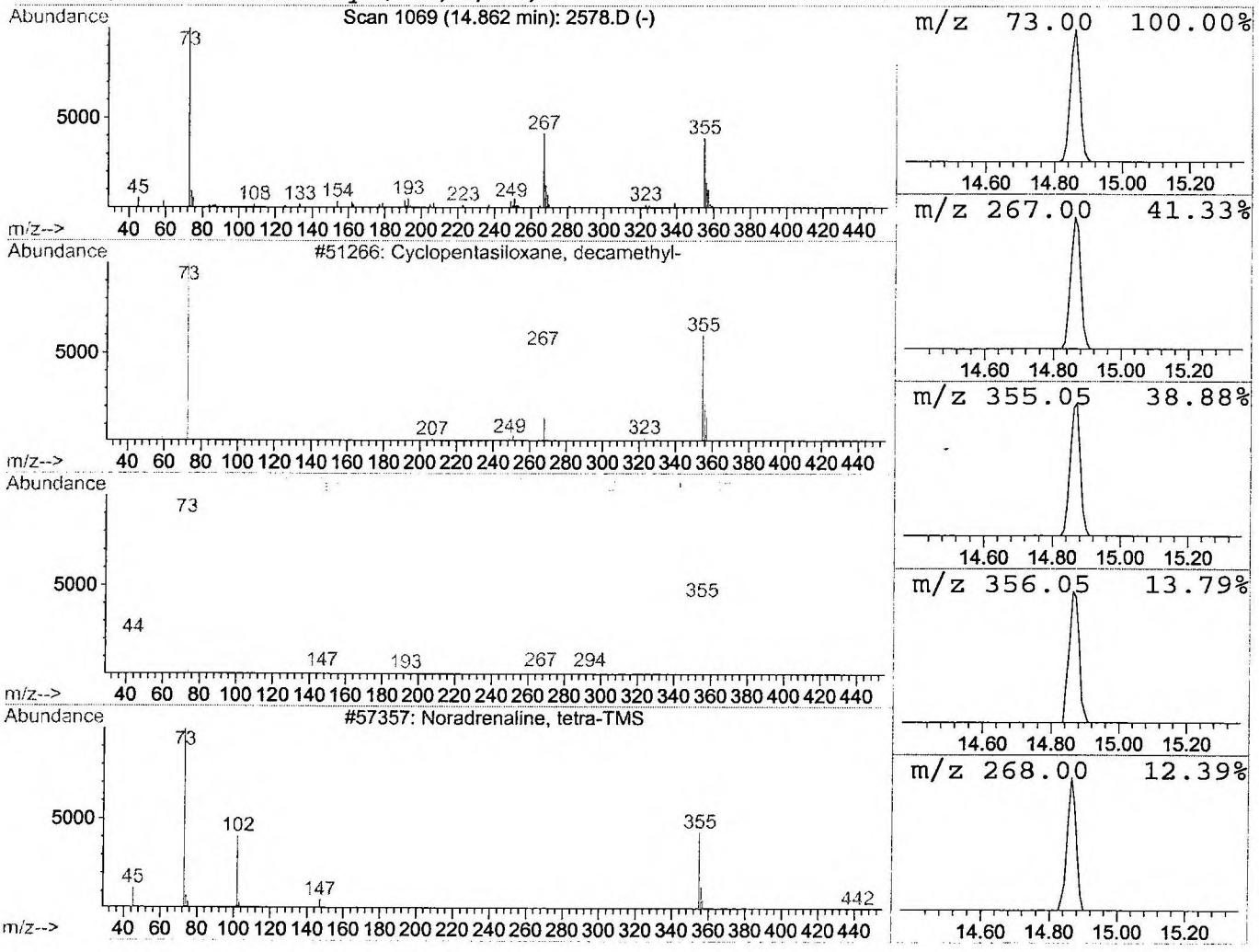
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.59 ug/l	98328	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	35



Data File : C:\HPCHEM\1\DATA\MAR1902\2578.D Vial: 27
Acq On : 21 Mar 2002 6:39 am Operator:
Sample : gc/ms scan 3/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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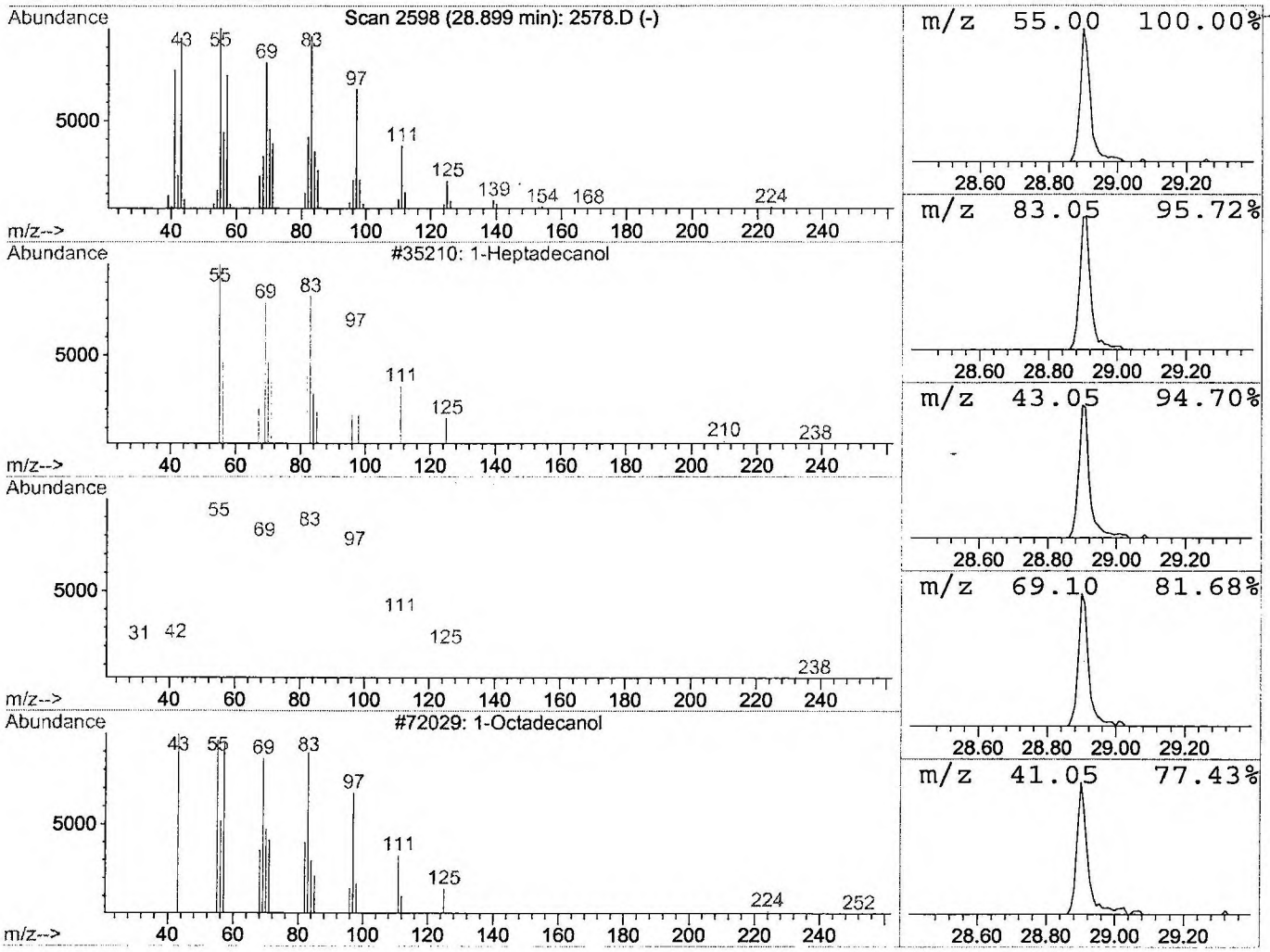
Peak Number 3 1-Heptadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	1.03 ug/l	181464	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	1-Nonadecanol	284	C19H40O	001454-84-8	95
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	1-Pentadecanol	228	C15H32O	000629-76-5	91



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 6:39 am
Data File: C:\HPCHEM\1\DATA\MAR1902\2578.D
Name: gc/ms scan 3/4 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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	8.15	0.3	ug/l	42709	ISTD01	12.26	2509210	20.0
Cyclopentasiloxane,	14.86	0.6	ug/l	98328	ISTD02	15.90	3350000	20.0
1-Heptadecanol	28.90	1.0	ug/l	181464	ISTD04	25.66	3534680	20.0

2578.D GCMS0308.M Thu Mar 21 14:28:03 2002