User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:45:23

Sample: AE00007
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:44 Ended: 2/13/02 07:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		5.0

Comments for Sample AE00007 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 07:45:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:23 2002

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.48	152	975127	20.00	ug/l	-0.05
10) Naphthalene-d8	15.08	136	3815539	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.34	164	1926171	20.00	ug/l	-0.05
29) Phenanthrene-d10	24.76	188	2671403	20.00	ug/l	-0.05
38) Chrysene-d12	32.78	240	1623262	20.00	ug/l	-0.05
44) Perylene-d12	36.85	264	1120781	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	29.83	235	141109	4.60	ug/mL	-0.24
Spiked Amount 5.000			Recovery = 92.00%			
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	15.15	128	1024	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.70	165	407	N.D.		
25) Diethylphthalate	21.87	149	1405	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)

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D Vial: 6
Acq On : 24 Jan 2002 5:57 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:23 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.76	178	964	N.D.	
34)	Anthracene	24.76	178	964	N.D.	
35)	Di-n-butylphthalate	26.78	149	14683	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.29	149	340	N.D.	
41)	Benzo(a)anthracene	32.78	228	4210	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.08	149	21420	N.D.	
43)	Chrysene	32.78	228	4210	N.D.	
45)	Di-n-Octylphthalate	34.83	149	1082	N.D.	
46)	Benzo(b)fluoranthene	35.83	252	101	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.85	252	4695	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.	

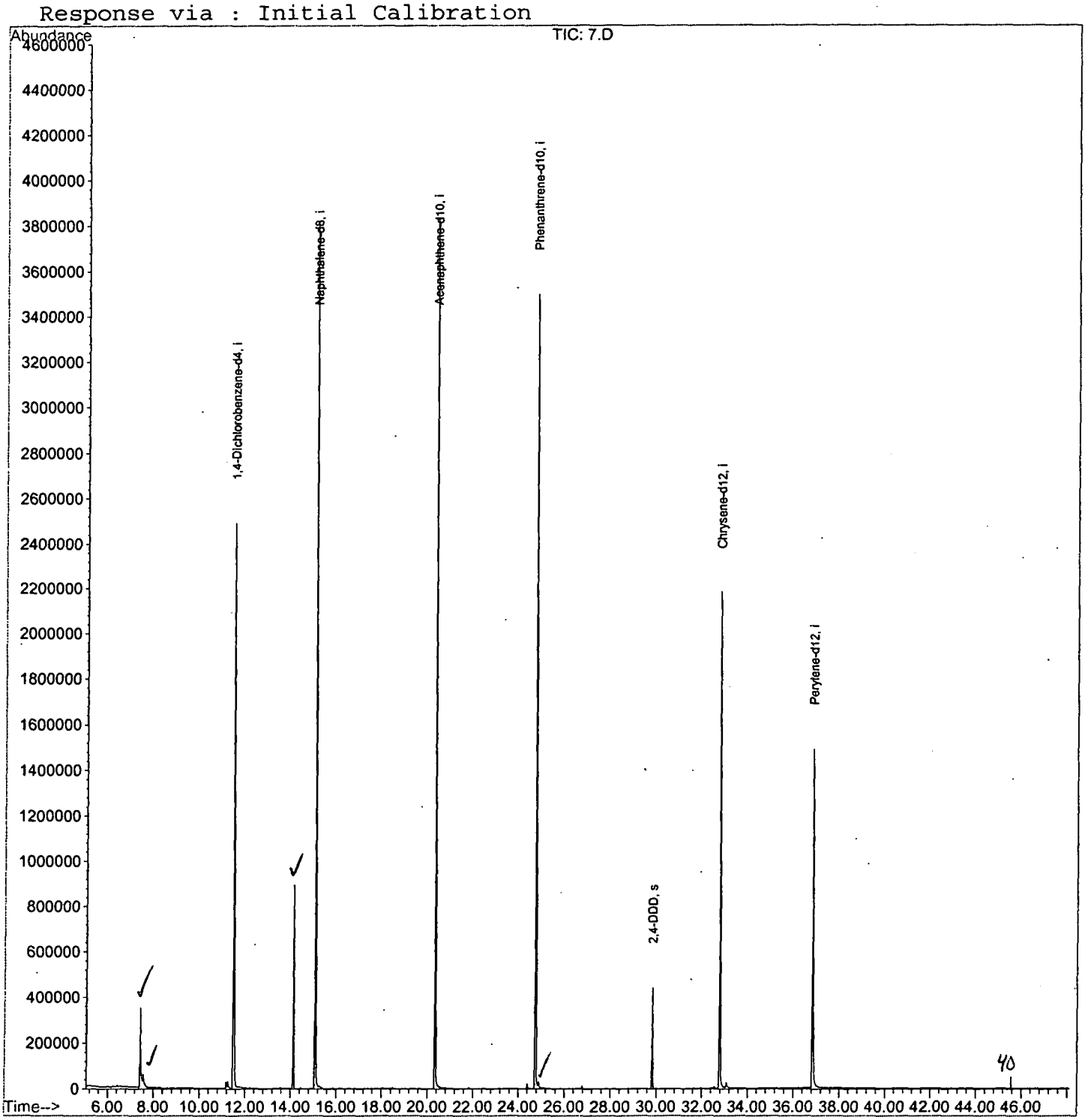
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:23 2002

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

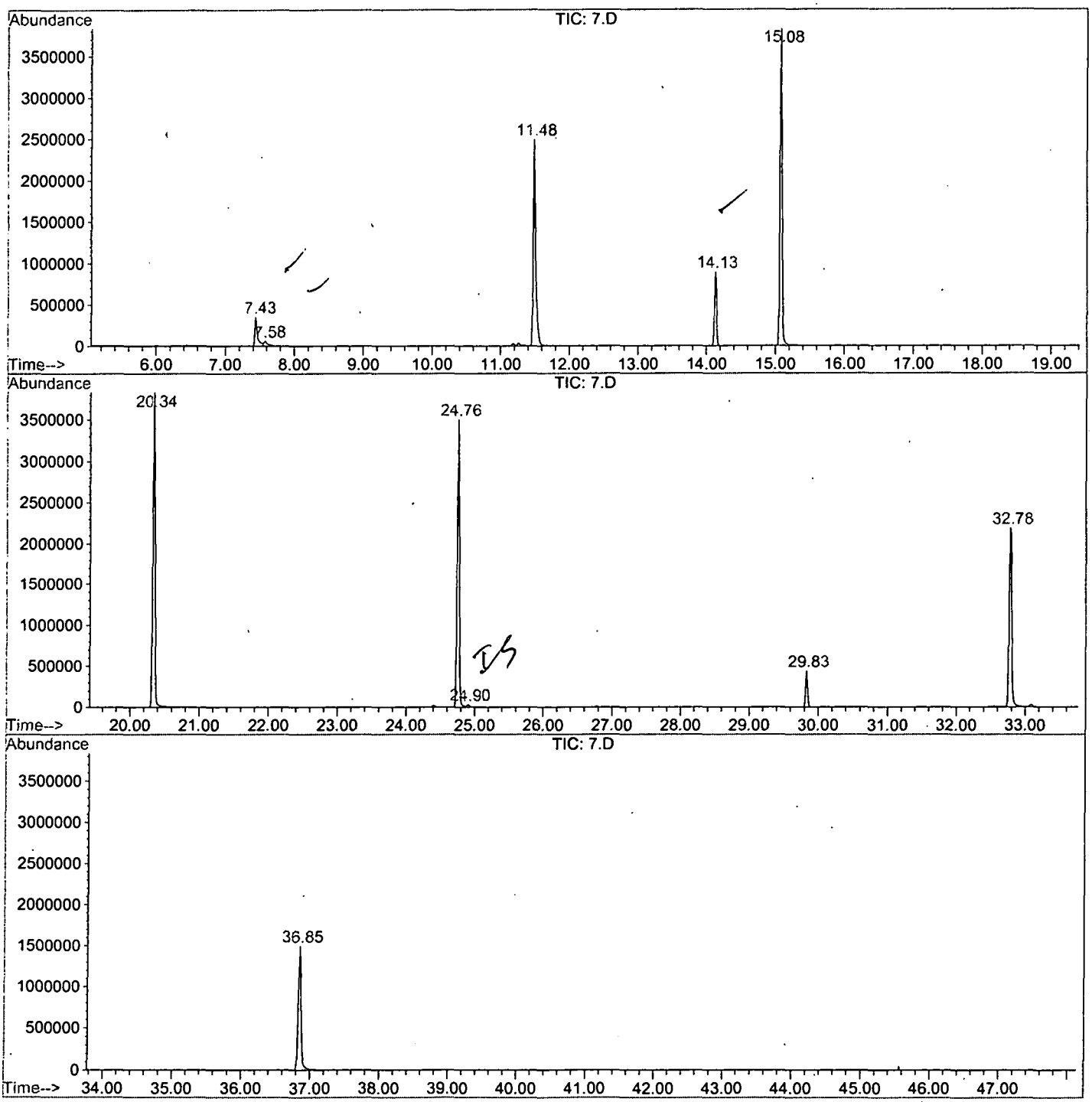
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.435	256	260	272	rBV	348093	889438	11.04%	2.075%
2	7.582	272	276	292	rVB	55484	206679	2.56%	0.482%
3	11.483	696	701	719	rBV	2490438	6275773	77.87%	14.642%
4	14.127	983	989	996	rBV	894929	1822440	22.61%	4.252%
5	15.082	1087	1093	1112	rBV	3817538	7799938	96.78%	18.198%
6	20.342	1660	1666	1686	rBV	3833287	8059172	100.00%	18.803%
7	24.758	2140	2147	2158	rBV2	3498915	7509051	93.17%	17.519%
8	24.905	2159	2163	2176	rVB2	28385	85334	1.06%	0.199%
9	29.835	2695	2700	2706	rBV	440669	871255	10.81%	2.033%
10	32.782	3014	3021	3042	rBV2	2185914	5210391	64.65%	12.156%
11	36.848	3456	3464	3486	rBV2	1490848	4131922	51.27%	9.640%

Sum of corrected areas: 42861393

7.D GCMS0208.M Fri Feb 08 13:40:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN2402\7.D
Operator : 209 GALOS
Acquired : 24 Jan 2002 5:57 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/3
Misc Info :
Vial Number: 6
Quant File :GCMS0103.RES (RTE Integrator)



7.D GCMS0208.M Fri Feb 08 13:41:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

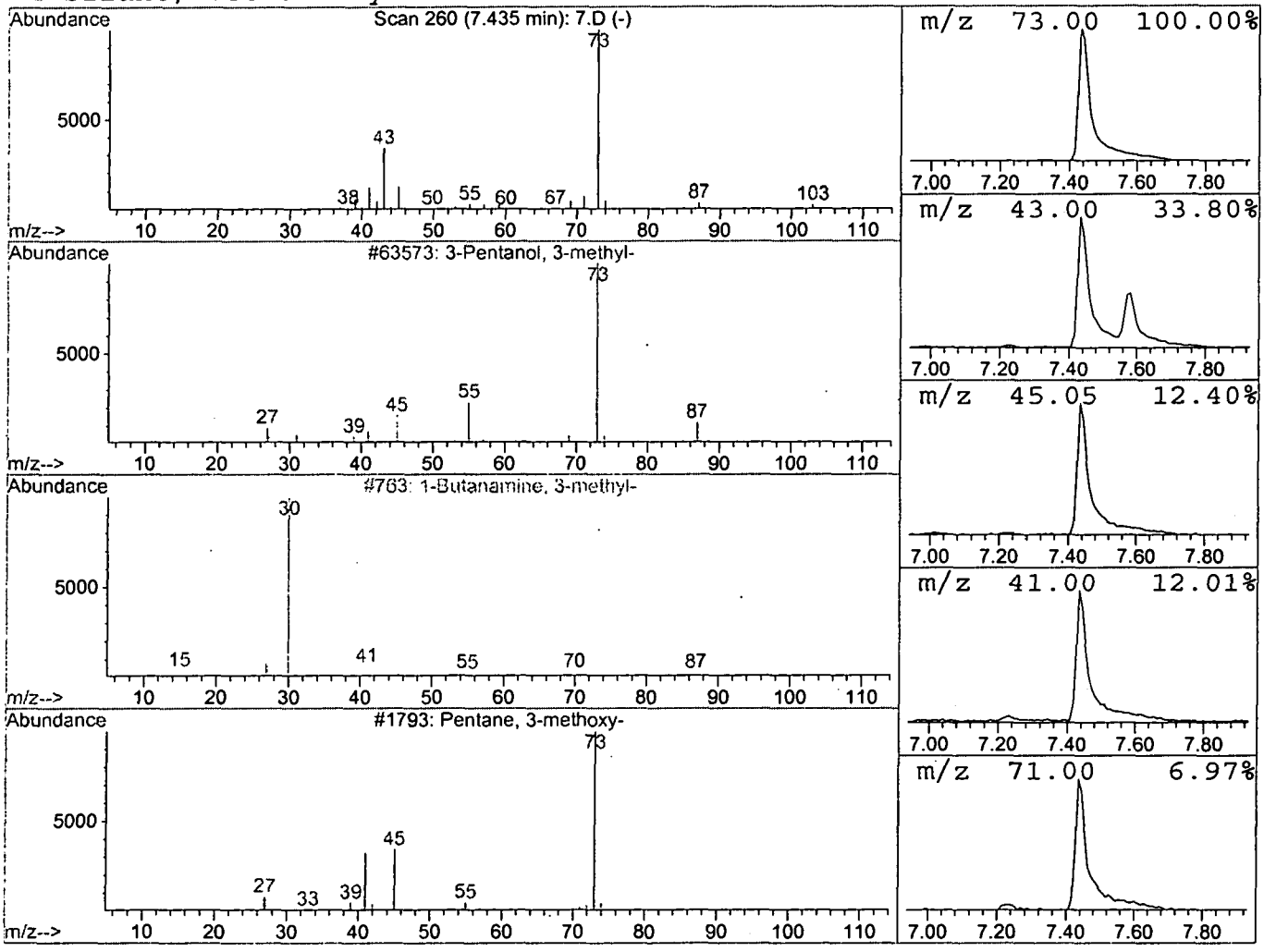
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.83 ug/l	889438	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

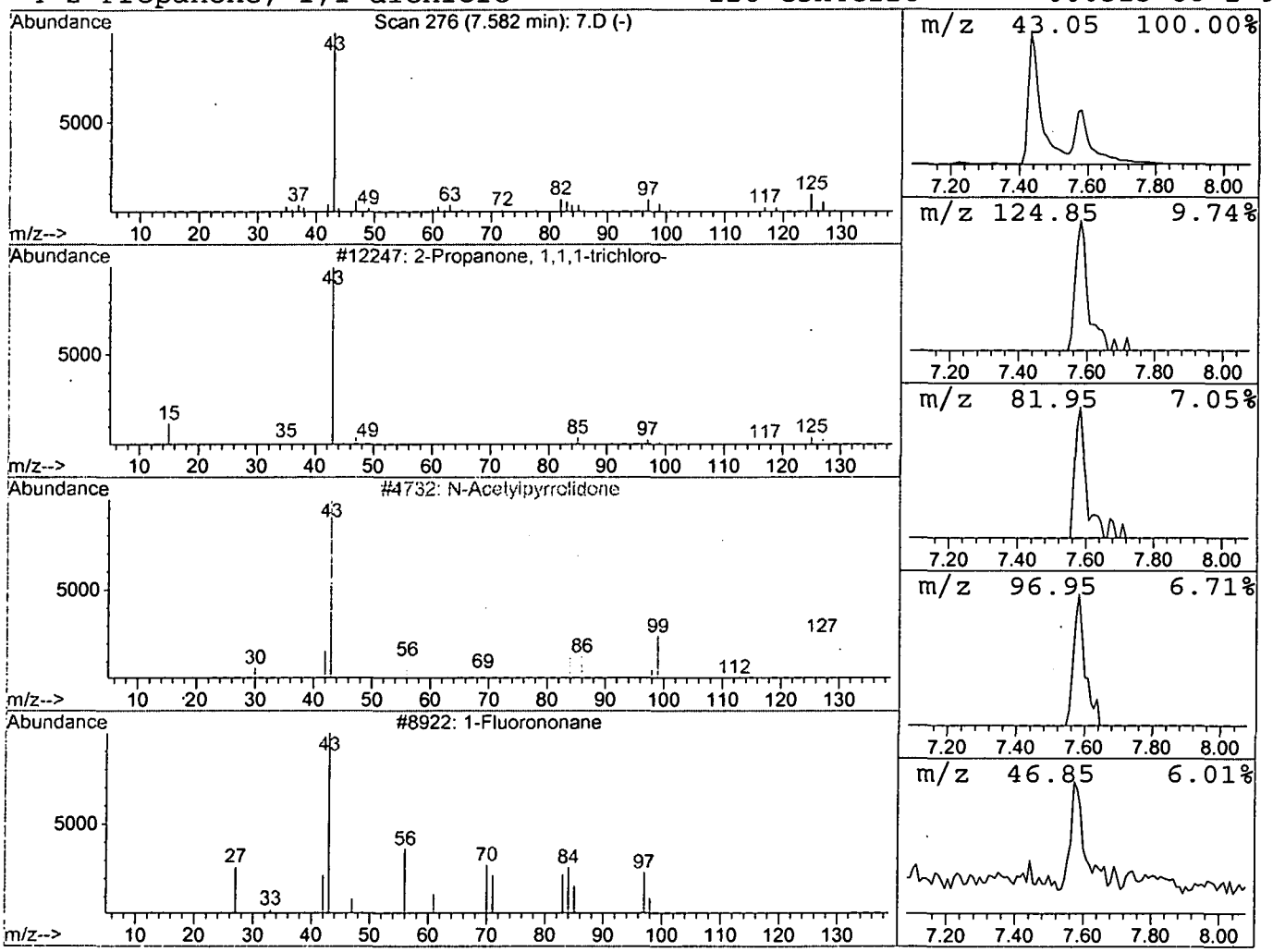
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.66 ug/l	206679	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

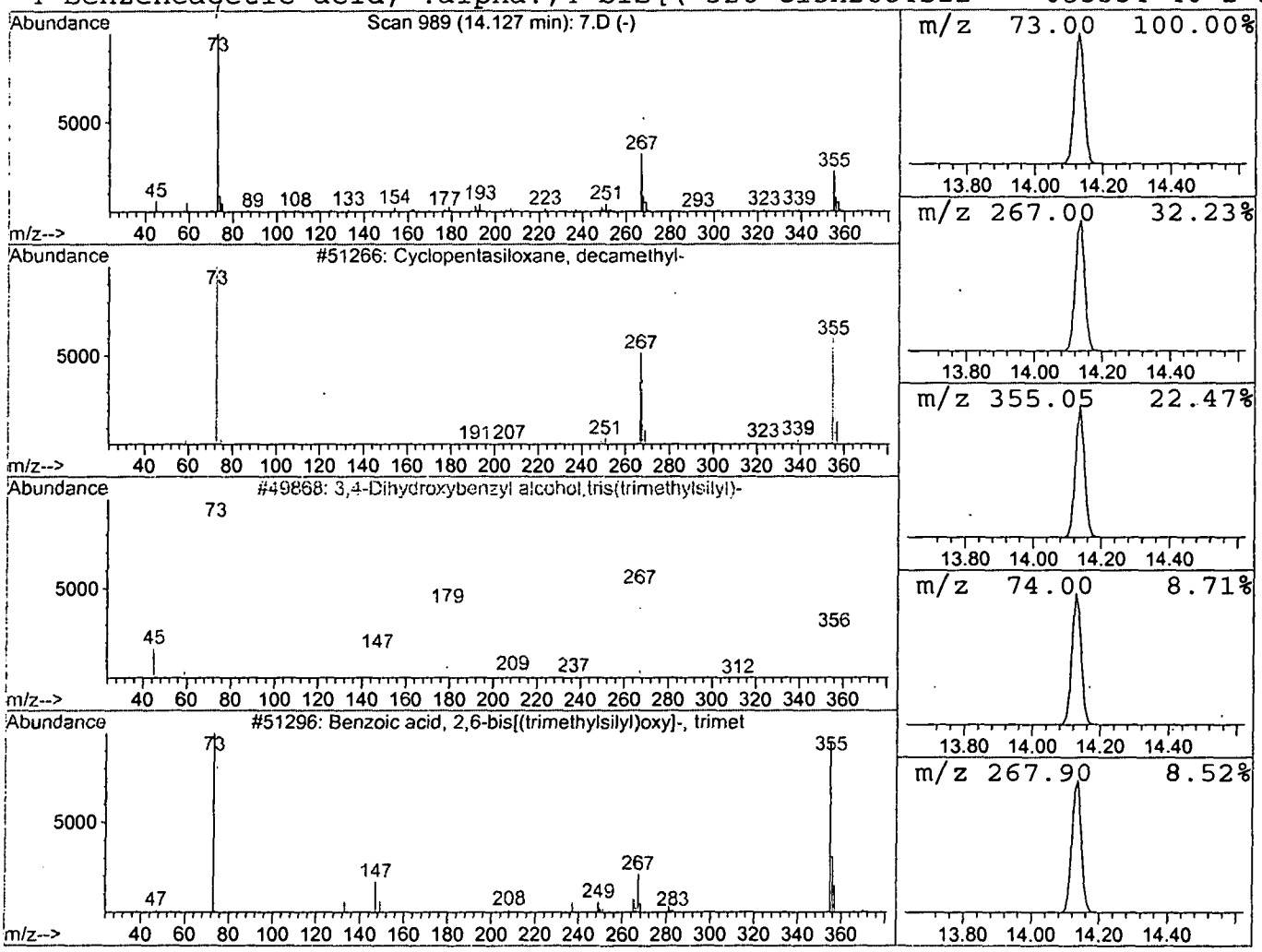
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	4.67 ug/l	1822440	Naphthalene-d8	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
4	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\7.D
Acq On : 24 Jan 2002 5:57 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

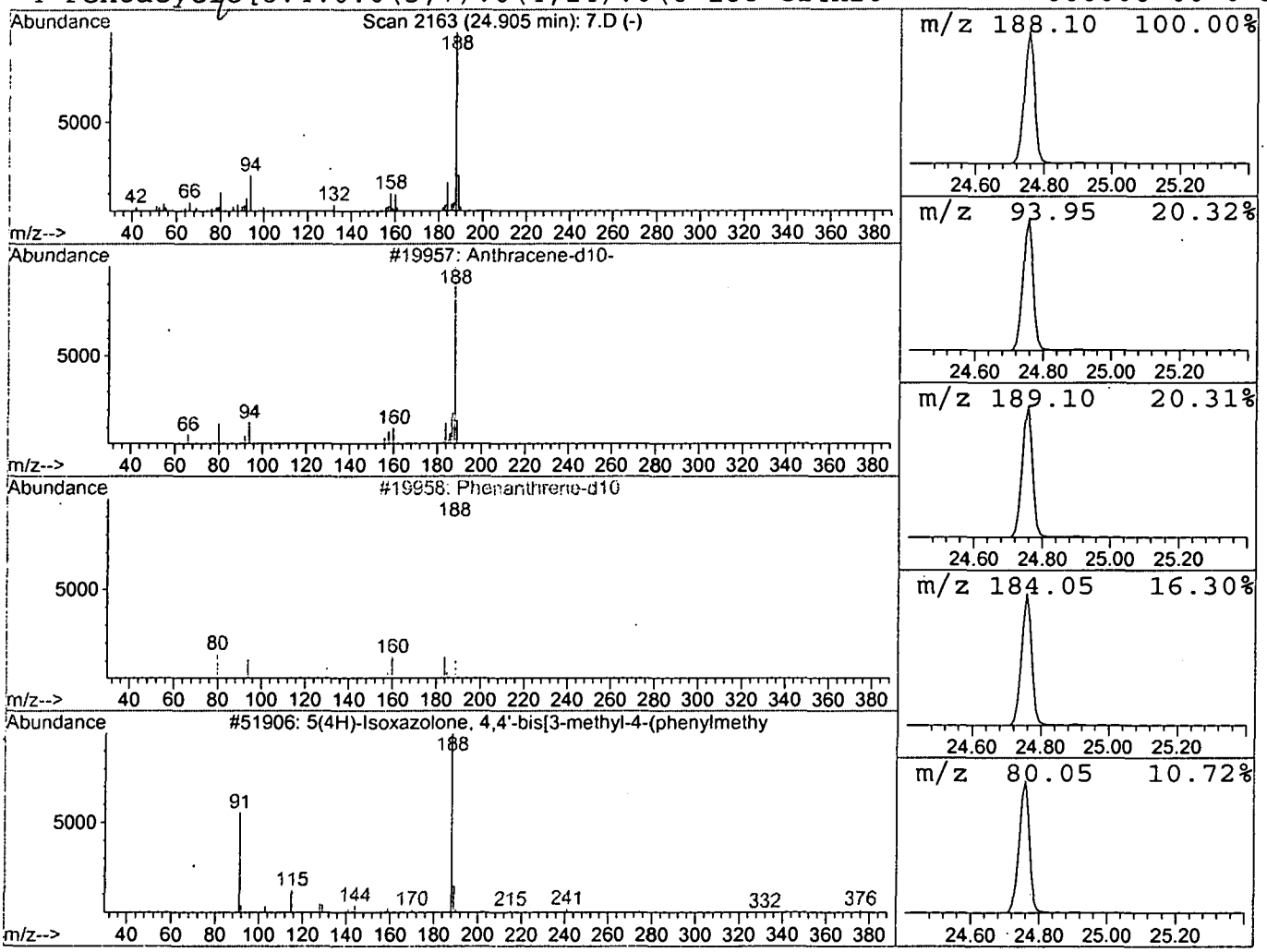
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	0.23 ug/l	85334	Phenanthrene-d10	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10- IS	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	5(4H)-Isoxazolone, 4,4'-bis[3-methy	376	C22H20N2O4	000000-00-0	37
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	33



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 24 Jan 2002 5:57 pm
Data File: C:\HPCHEM\1\DATA\JAN2402\7.D
Name: GC/MS SCAN 1/3
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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	7.43	2.8	ug/l	889438	ISTD01	11.48	6275770	20.0
2-Propanone, 1,1,1-t	7.58	0.7	ug/l	206679	ISTD01	11.48	6275770	20.0
Cyclopentasiloxane,	14.13	4.7	ug/l	1822440	ISTD02	15.08	7799940	20.0
Anthracene-d10	24.90	0.2	ug/l	85334	ISTD04	24.76	7509050	20.0

7.D GCMS0208.M Fri Feb 08 13:41:27 2002