User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:16:15

Sample: AE04128
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 12:09 Ended: 4/1/02 12:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AE04128 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:16:20

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for compounds in the LCS Standard were high. New recovery limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:48 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	394135	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	1526726	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	833519	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1224782	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	732510	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	423671	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	75346	~~7.51~~ 4.08	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~150.20%~~ 82%		
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	15.95	128	382	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	744	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\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:48 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

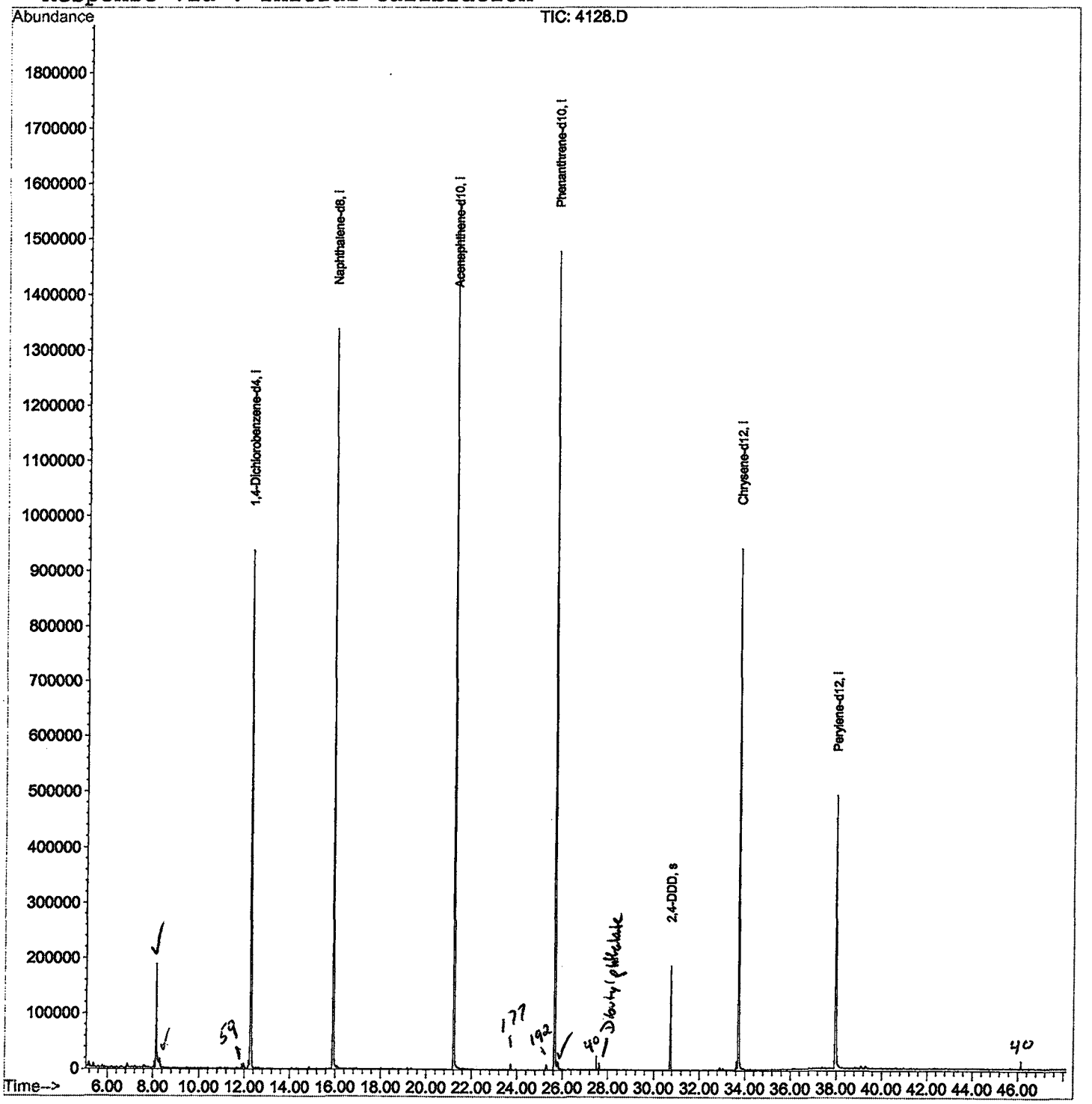
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.67	178	330	N.D.	
34)	Anthracene	25.67	178	330	N.D.	
35)	Di-n-butylphthalate	27.62	149	13411	N.D.	
36)	Fluoranthene	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	33.73	228	1438	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	1457	N.D.	
43)	Chrysene	33.73	228	1437	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	350	N.D.	
47)	Benzo(k)fluoranthene	36.86	252	293	N.D.	
48)	Benzo(a)pyrene	37.78	252	306	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\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:48 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 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

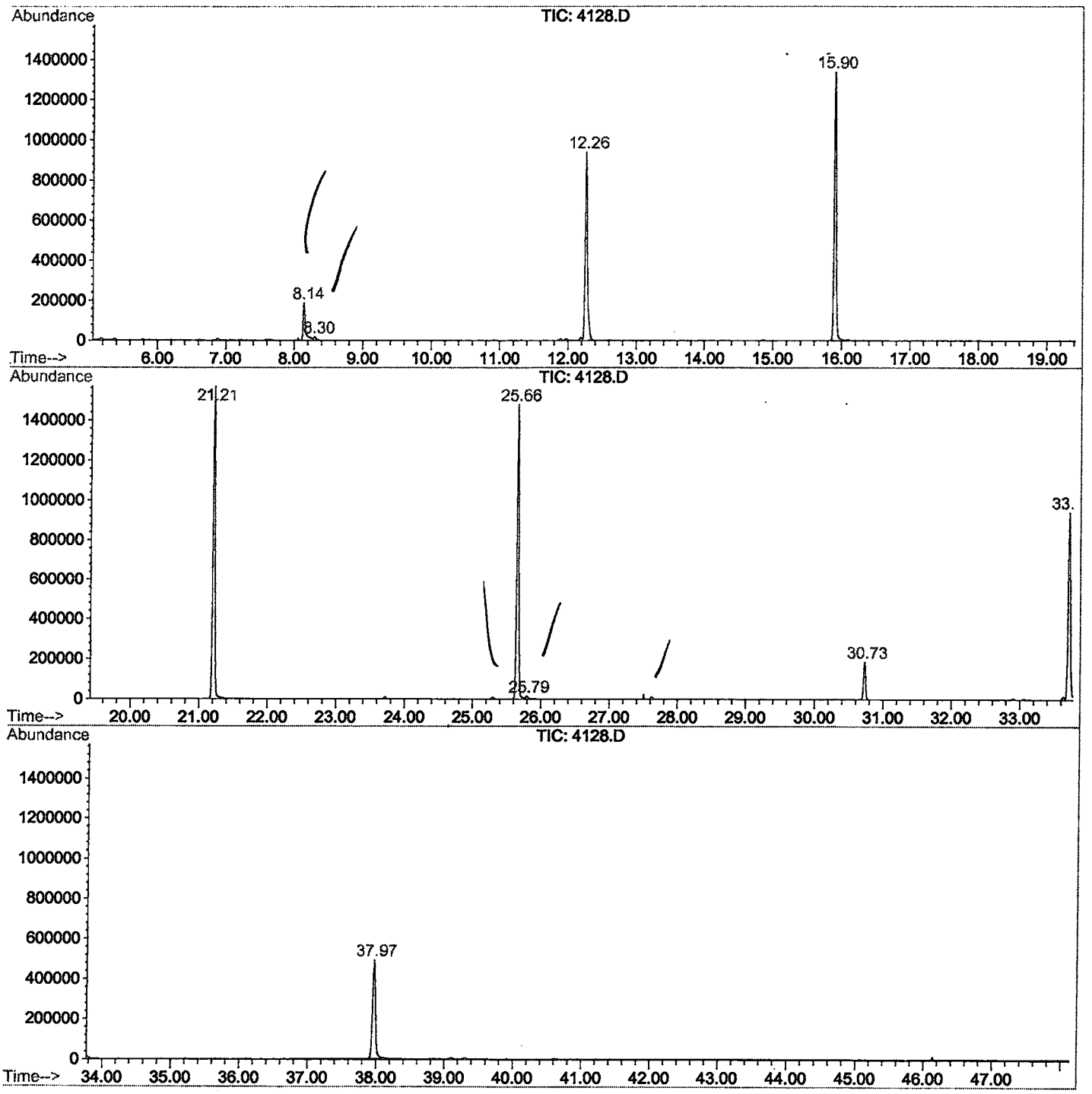
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.141	333	337	352	rBV	186430	450502	14.05%	2.856%
2	8.297	352	354	361	rVB2	16224	35784	1.12%	0.227%
3	12.263	781	786	801	rVB	937001	2171263	67.73%	13.764%
4	15.898	1176	1182	1195	rBV	1337804	2873582	89.64%	18.216%
5	21.214	1754	1761	1775	rBV	1569383	3205594	100.00%	20.321%
6	25.657	2238	2245	2253	rBV2	1478148	3070456	95.78%	19.464%
7	25.795	2256	2260	2266	rVB	12769	33197	1.04%	0.210%
8	30.734	2793	2798	2803	rBV	186933	372942	11.63%	2.364%
9	33.717	3117	3123	3136	rVV2	938940	2107097	65.73%	13.357%
10	37.968	3577	3586	3599	rBV2	491152	1454322	45.37%	9.219%

Sum of corrected areas: 15774739

4128.D GCMS0308.M Wed Mar 27 10:03:57 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4128.D
Operator :
Acquired : 23 Mar 2002 6:44 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 24
Quant File :GCMS0308.RES (RTE Integrator)



4128.D GCMS0308.M Wed Mar 27 10:04:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

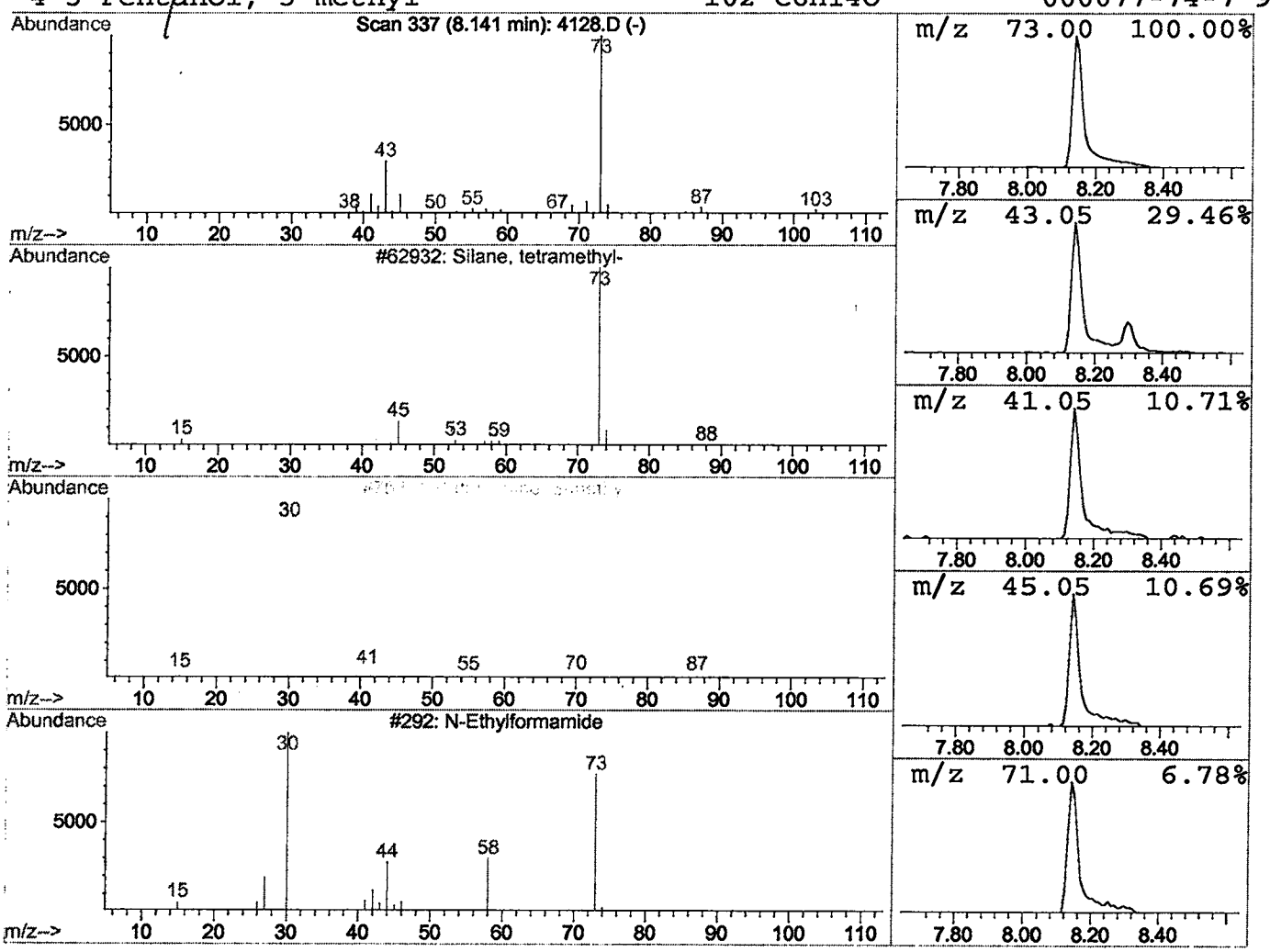
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	4.15 ug/l	450502	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

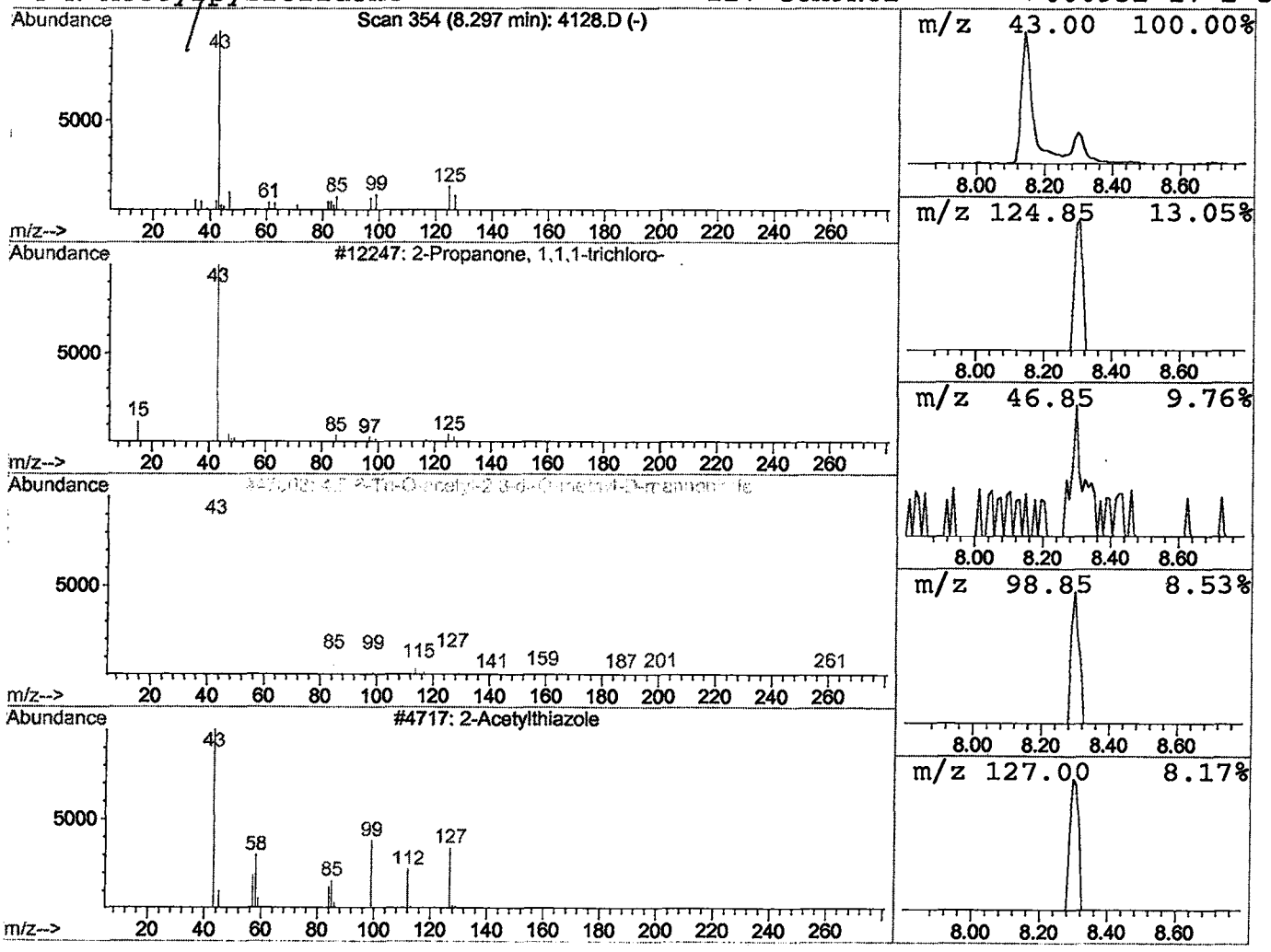
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

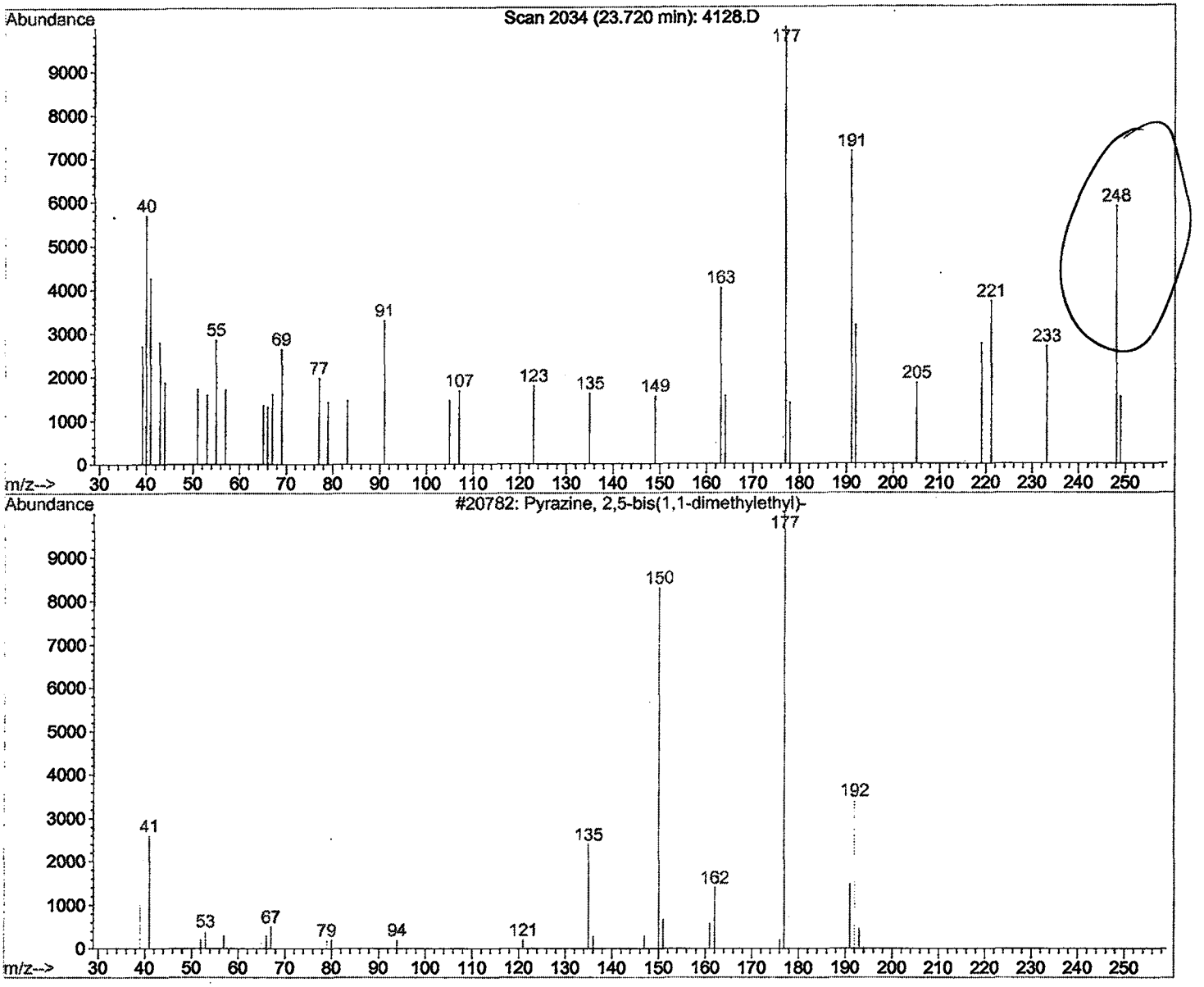
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	0.33 ug/l	35784	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	4,5,6-Tri-O-acetyl-2,3-di-O-methyl-	331	C14H21NO8	059061-07-3	9
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



Library Searched : C:\DATABASE\nbs75k.l
Quality : 22
ID : Pyrazine, 2,5-bis(1,1-dimethylethyl)-

23.72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4128.D Vial: 24
Acq On : 23 Mar 2002 6:44 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

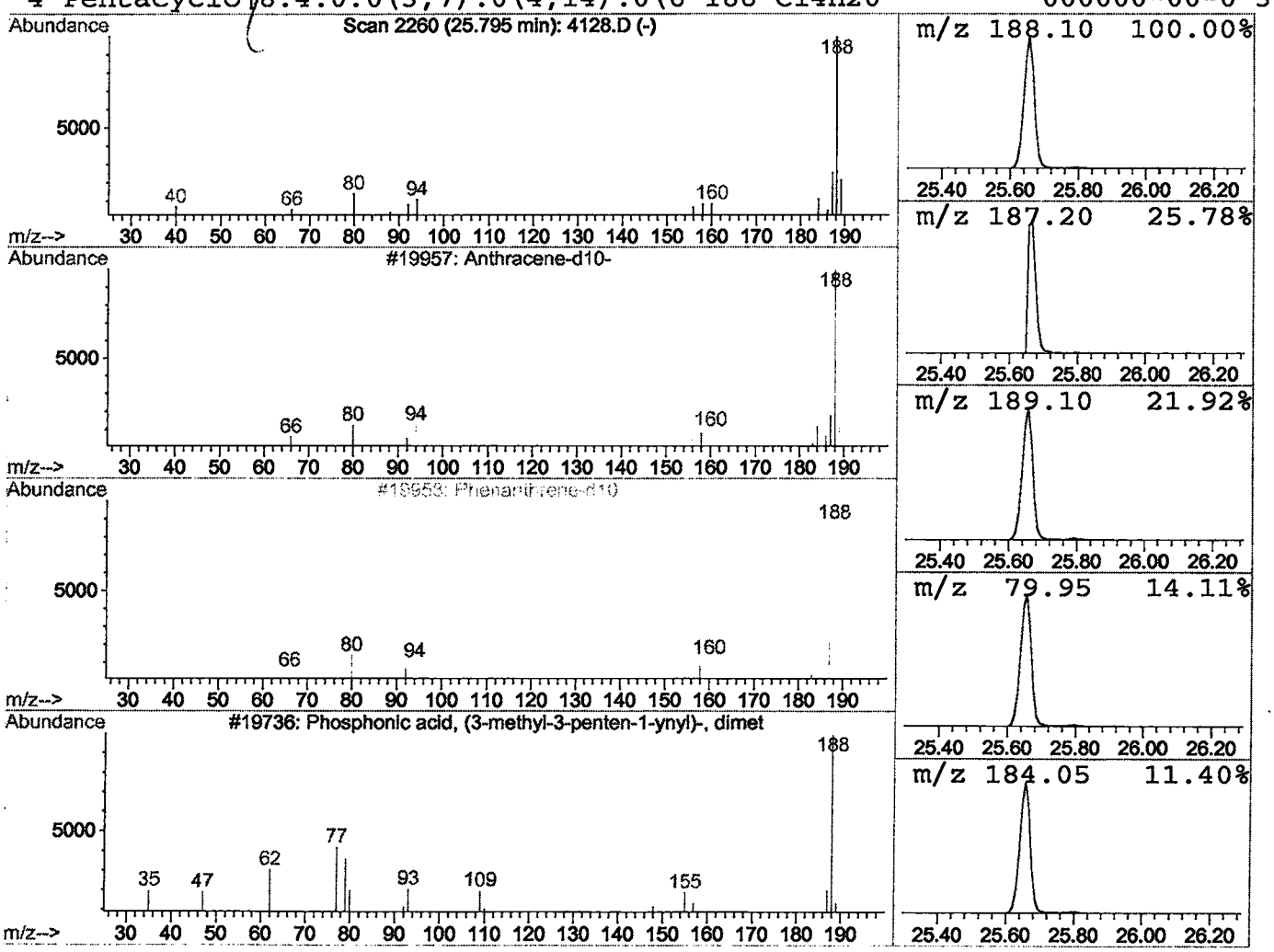
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	0.22 ug/l	33197	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	83
3	Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	40
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: Date Acquired: 23 Mar 2002 6:44 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4128.D
Name: gc/ms scan 2/25
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
Silane, tetramethyl-	8.14	4.1	ug/l	450502	ISTD01	12.26	2171260	20.0
2-Propanone, 1,1,1-t	8.30	0.3	ug/l	35784	ISTD01	12.26	2171260	20.0
Anthracene-d10-	25.79	0.2	ug/l	33197	ISTD04	25.66	3070460	20.0

4128.D GCMS0308.M Wed Mar 27 10:04:20 2002