User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:31:38

Sample: AE02711
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:31 Ended: 3/15/02 17:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Comments for Sample AE02711 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:32:19

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:31 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	12.30	152	416670	20.00	ug/l	-0.05
10) Naphthalene-d8	15.94	136	1621529	20.00	ug/l	-0.06
17) Acenaphthene-d10	21.25	164	860915	20.00	ug/l	-0.07
29) Phenanthrene-d10	25.69	188	1344049	20.00	ug/l	-0.08
38) Chrysene-d12	33.76	240	1095917	20.00	ug/l	-0.09
44) Perylene-d12	38.03	264	833302	20.00	ug/l	-0.10
System Monitoring Compounds						
37) 2,4-DDD	30.77	235	84195	6.00	ug/mL	0.27
Spiked Amount 5.000			Recovery = 120.00%			
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	15.99	128	416	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	22.72	149	915	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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Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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

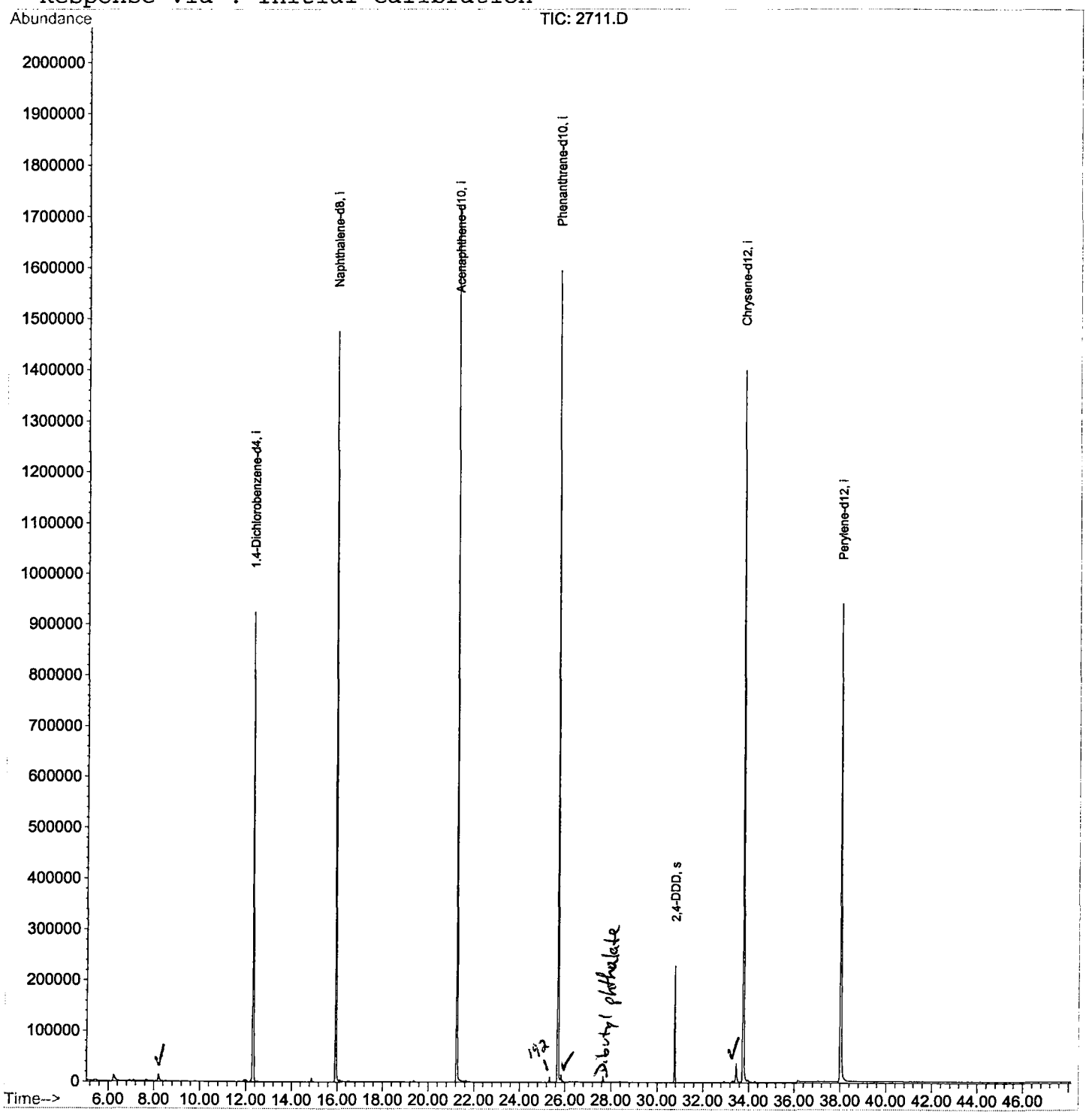
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.68	178	462	N.D.	
34)	Anthracene	25.68	178	462	N.D.	
35)	Di-n-butylphthalate	27.65	149	14620	N.D.	
36)	Fluoranthene	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	33.76	228	2771	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.96	149	3363	N.D.	
43)	Chrysene	33.76	228	2771	N.D.	
45)	Di-n-Octylphthalate	36.16	149	3824	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	38.03	252	3116	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\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:31 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\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am 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

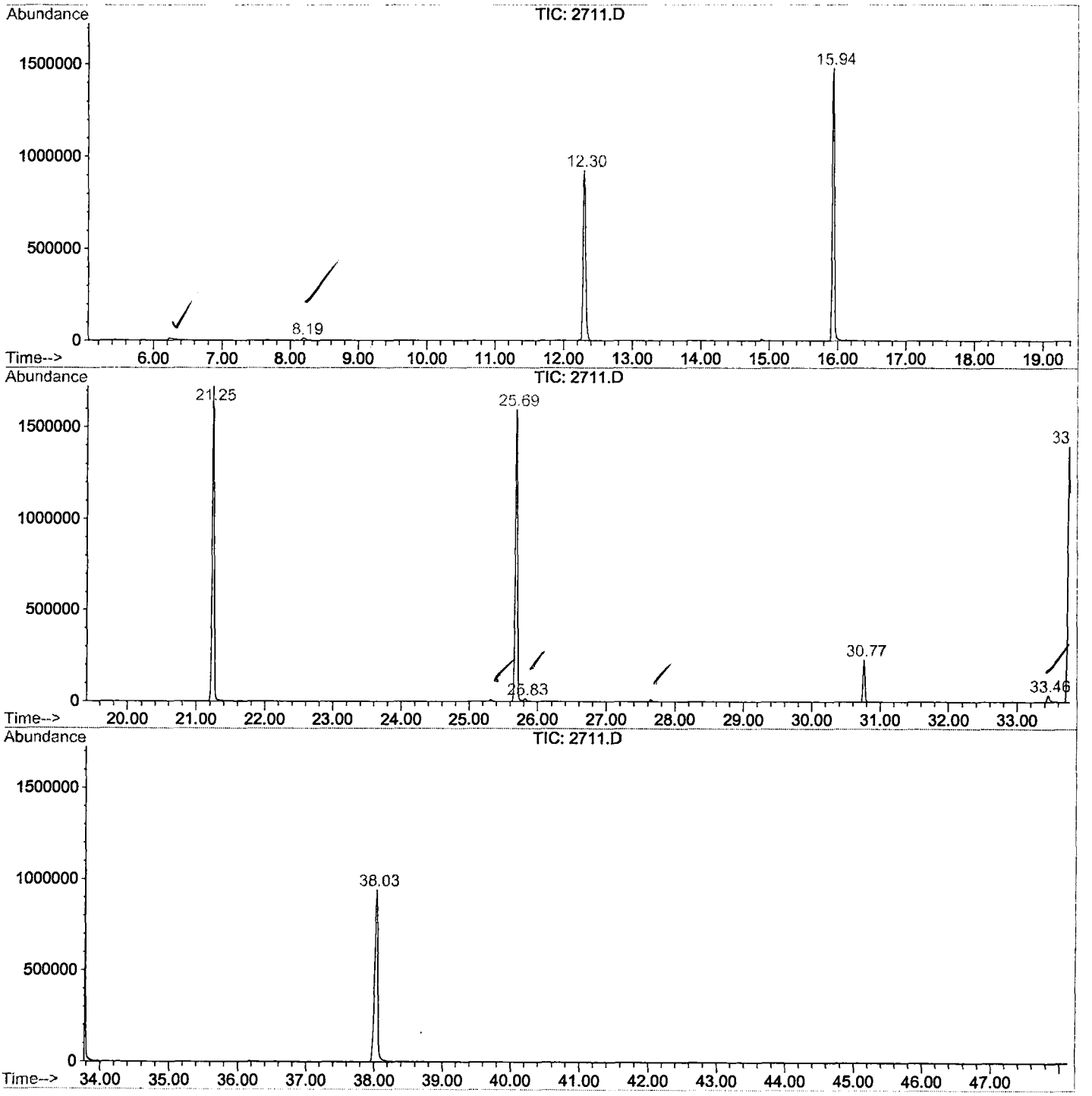
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.192	338	343	353	rBV	13125	49541	1.42%	0.257%
2	12.304	785	791	807	rVB	923168	2330293	66.61%	12.100%
3	15.940	1180	1187	1204	rBV	1475163	3118498	89.14%	16.193%
4	21.246	1758	1765	1779	rBV	1722899	3415788	97.64%	17.737%
5	25.689	2242	2249	2260	rBV2	1594982	3498512	100.00%	18.166%
6	25.827	2260	2264	2272	rVB	13355	35178	1.01%	0.183%
7	30.766	2797	2802	2809	rBV	229732	441883	12.63%	2.294%
8	33.456	3089	3095	3107	rVB	35821	104609	2.99%	0.543%
9	33.759	3120	3128	3147	rBV2	1398758	3317409	94.82%	17.226%
10	38.028	3583	3593	3612	rBV2	938871	2946739	84.23%	15.301%

Sum of corrected areas: 19258450

2711.D GCMS0208.M Wed Mar 13 15:00:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0702\2711.D
Operator :
Acquired : 8 Mar 2002 10:23 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 22
Quant File :GCMS0208.RES (RTE Integrator)



2711.D GCMS0208.M Wed Mar 13 15:00:23 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

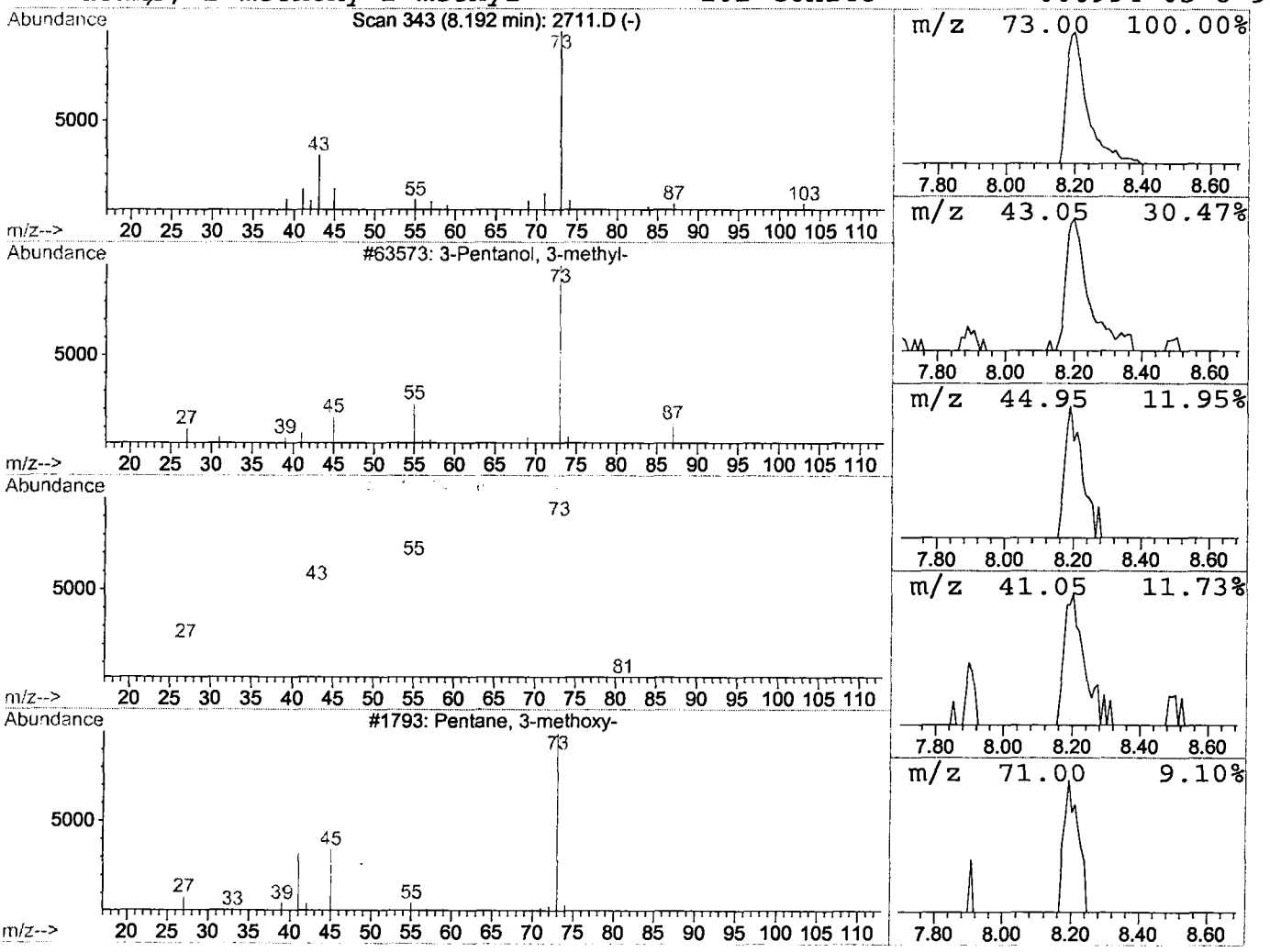
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	0.43 ug/l	49541	1,4-Dichlorobenzene-d4	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

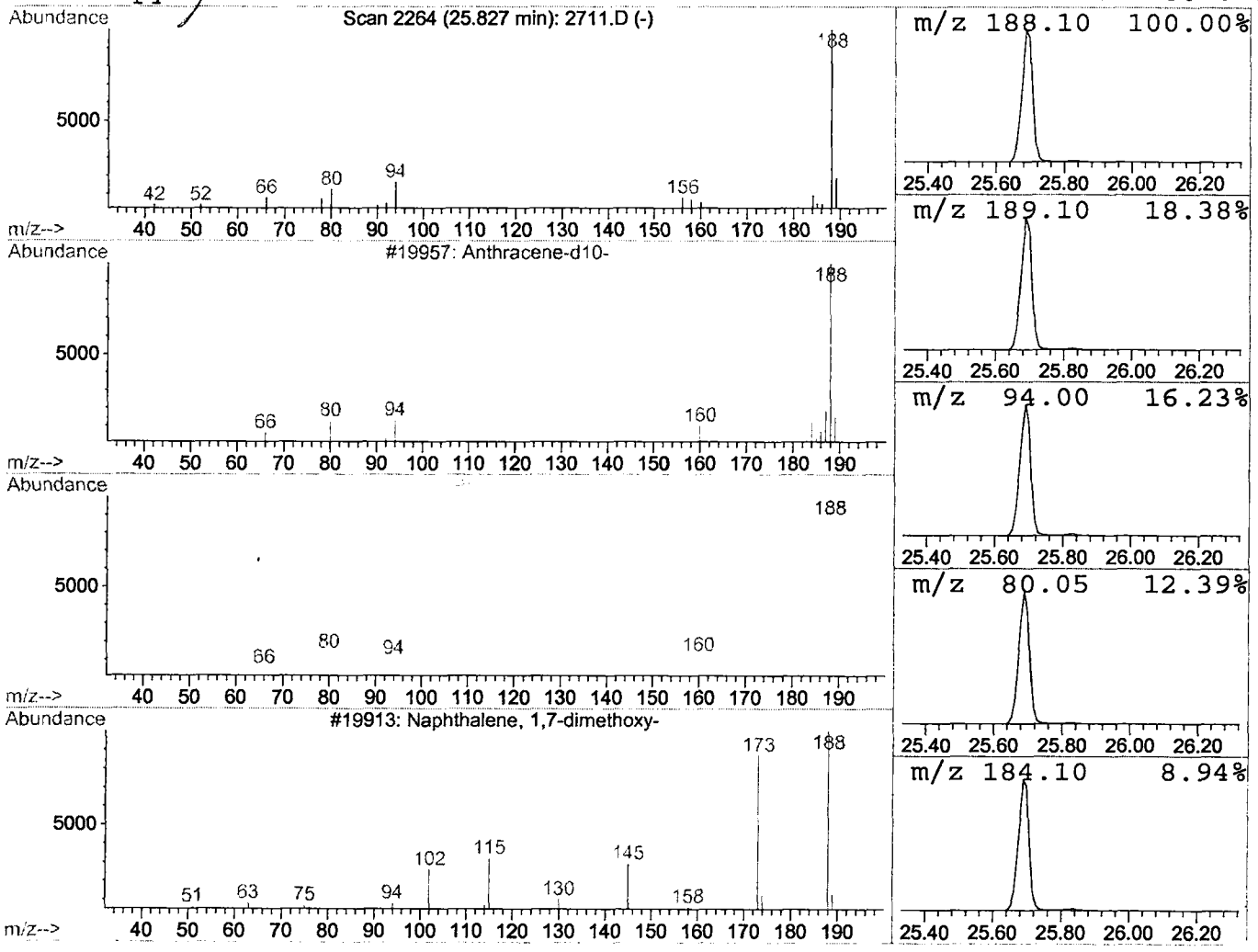
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	0.20 ug/l	35178	Phenanthrene-d10	25.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4	Antipyrine	188	C11H12N2O	000060-80-0	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2711.D Vial: 22
Acq On : 8 Mar 2002 10:23 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

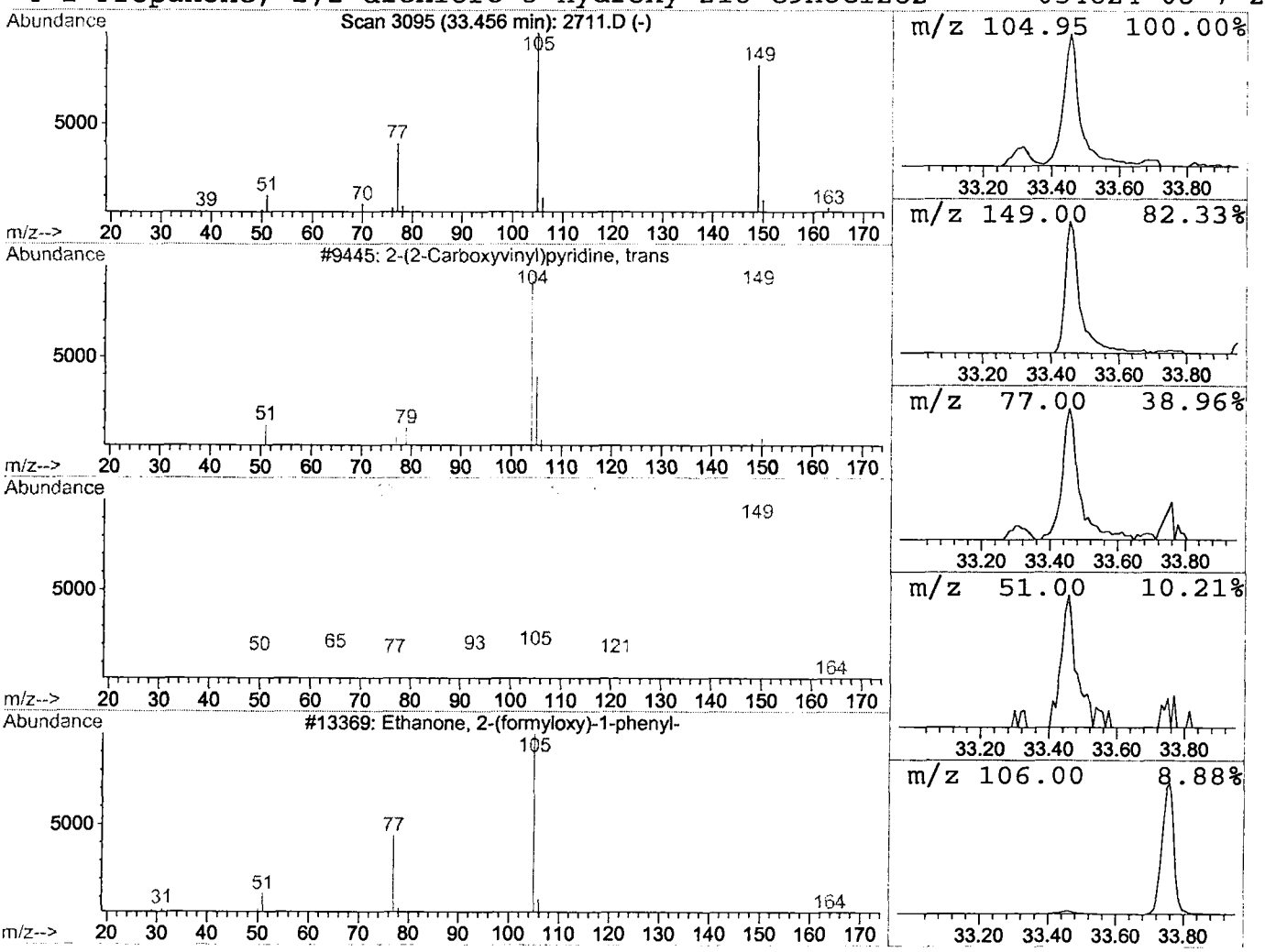
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-(2-Carboxyvinyl)pyridine, tr Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.46	0.63 ug/l	104609	Chrysene-d12	33.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	45
2	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	36
3	Ethanone, 2-(formyloxy)-1-phenyl-	164	C9H8O3	055153-12-3	35
4	1-Propanone, 2,2-dichloro-3-hydroxy	218	C9H8Cl2O2	054824-08-7	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Mar 2002 10:23 am
Data File: C:\HPCHEM\1\DATA\MAR0702\2711.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	8.19	0.4	ug/l	49541	ISTD01	12.30	2330290	20.0
Anthracene-d10-	25.83	0.2	ug/l	35178	ISTD04	25.69	3498510	20.0
2-(2-Carboxyvinyl)py	33.46	0.6	ug/l	104609	ISTD05	33.76	3317410	20.0

2711.D GCMS0208.M Wed Mar 13 15:00:40 2002