User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 09:17:45

Sample: AD25946
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/12/01 09:17 Ended: 12/12/01 09:17 Analyst: MG
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

CM 10/21 Scott
B102201
NYC DEP

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2101\25946.D Vial: 12
Acq On : 21 Nov 2001 10:07 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:56 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
17)	N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
18)	Hexachloroethane	0.00	117	0	N.D.	
21)	Nitrobenzene	0.00	77	0	N.D.	
22)	Isophorone	0.00	82	0	N.D.	
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	15.38	128	608	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	21.06	165	127	N.D.	
45)	Diethylphthalate	22.13	149	838	N.D.	
46)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	25.08	178	110	N.D.	
56)	Anthracene	25.02	178	843	N.D.	
57)	Di-n-butylphthalate	27.03	149	4225	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	31.54	149	107	N.D.	
65)	Benzo(a)anthracene	33.05	228	3999	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	4212	N.D.	
67)	Chrysene	33.05	228	3999	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.15	252	4170	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	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\NOV2101\25946.D Vial: 12
Acq On : 21 Nov 2001 10:07 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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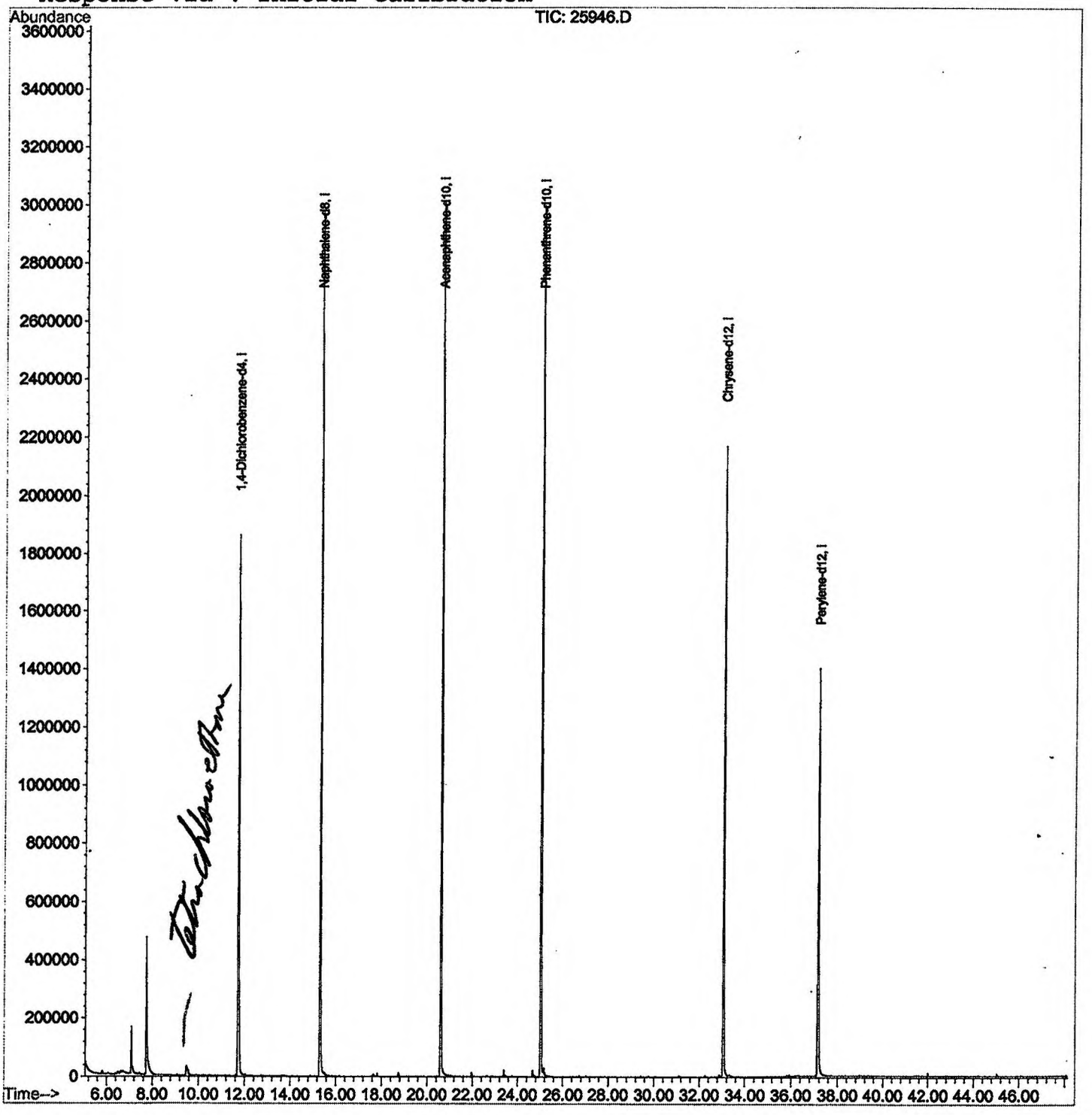
Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2101\25946.D Vial: 12
Acq On : 21 Nov 2001 10:07 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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

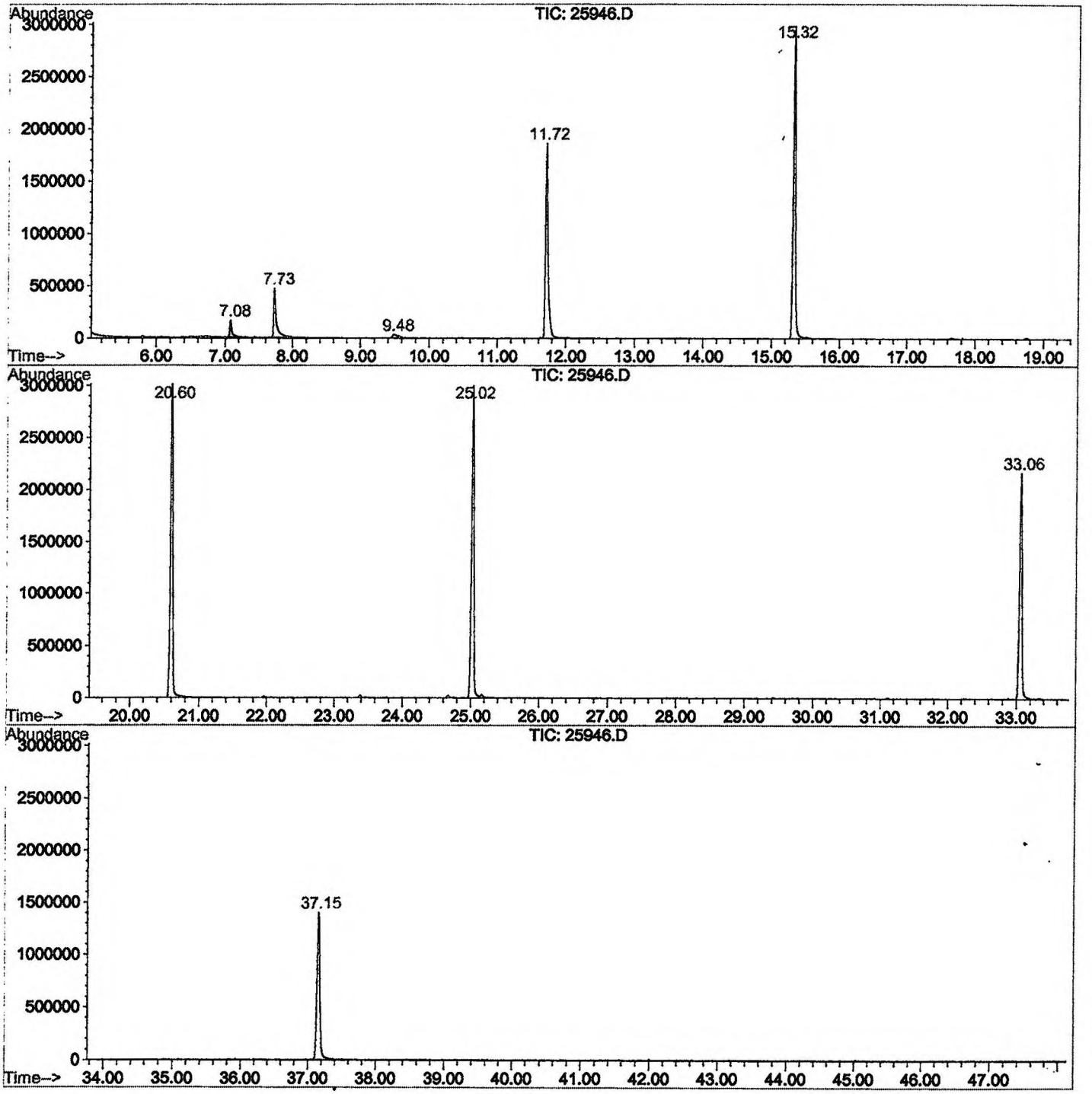
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.079	218	222	238	rBV	160609	360468	5.13%	0.990%
2	7.731	289	293	312	rBV	471076	1227582	17.48%	3.371%
3	9.484	478	484	491	rBV2	31984	137049	1.95%	0.376%
4	11.715	721	727	747	rBV	1862241	4850369	69.05%	13.318%
5	15.323	1114	1120	1137	rBV	2981439	6512062	92.70%	17.881%
6	20.602	1688	1695	1709	rBV	3013943	7024678	100.00%	19.289%
7	25.018	2169	2176	2188	rBV2	2996659	6934063	98.71%	19.040%
8	33.059	3043	3052	3068	rBV2	2170876	5302941	75.49%	14.561%
9	37.154	3489	3498	3517	rBV2	1398436	4069410	57.93%	11.174%

Sum of corrected areas: 36418622

25946.D NP103001.M Tue Dec 11 09:30:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2101\25946.D
Operator : 209 GALOS
Acquired : 21 Nov 2001 10:07 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 12
Quant File :NP103001.RES (RTE Integrator)



25946.D NP103001.M Tue Dec 11 09:30:14 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2101\25946.D
Acq On : 21 Nov 2001 10:07 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

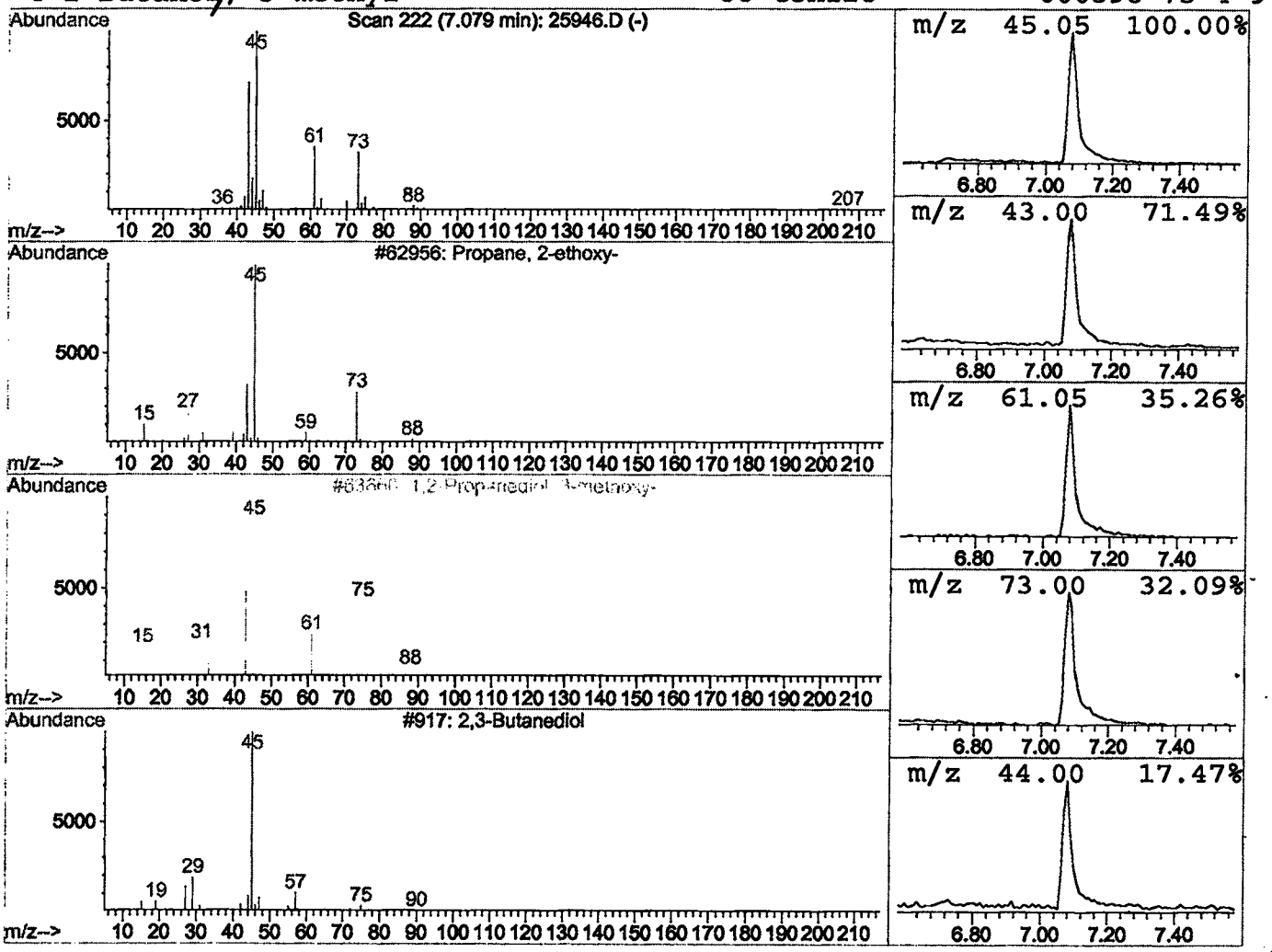
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 2-ethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	1.49 ug/l	360468	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
2	1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	36
3	2,3-Butanediol	90	C4H10O2	000513-85-9	33
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2101\25946.D
Acq On : 21 Nov 2001 10:07 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

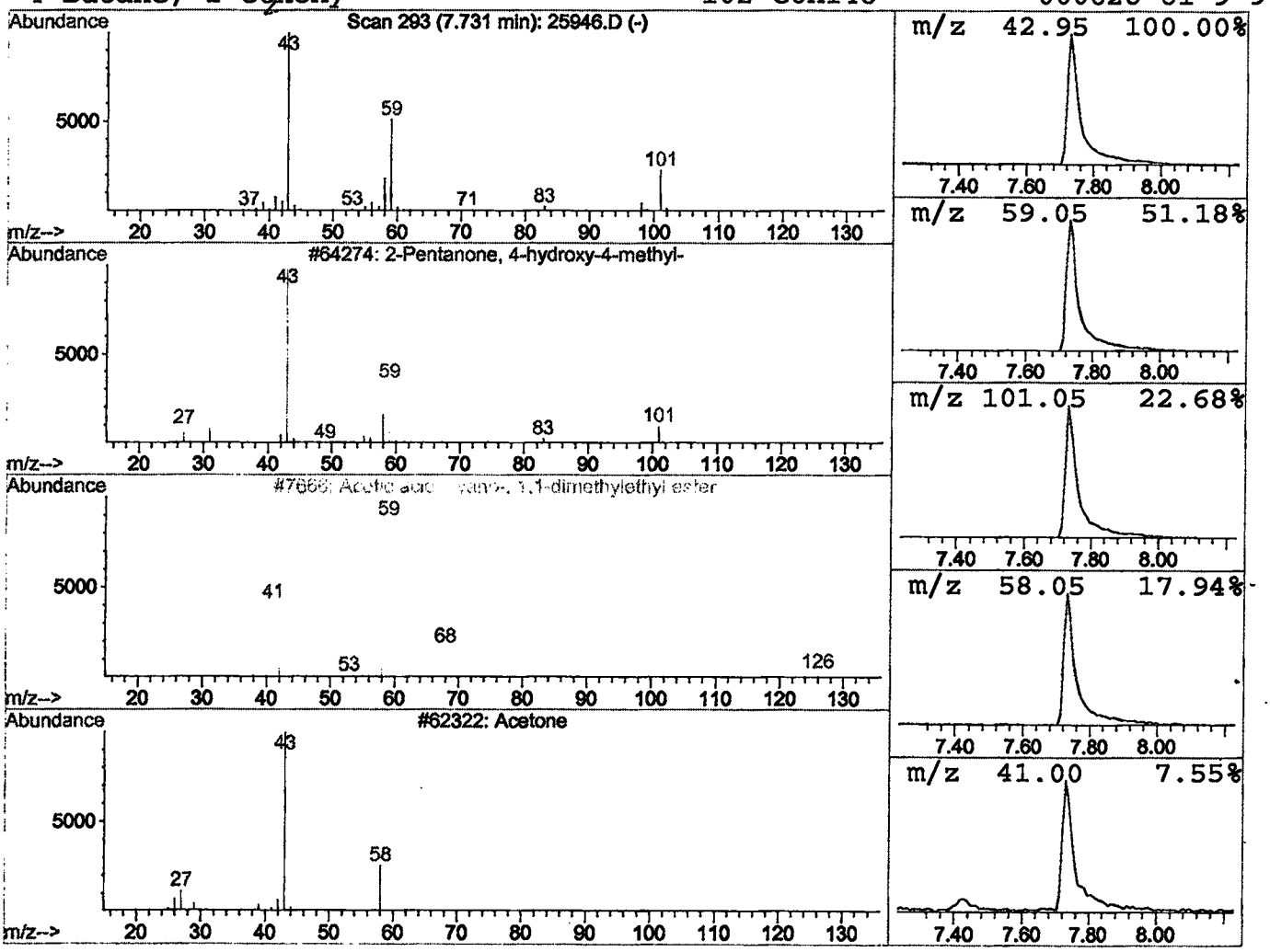
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	5.06 ug/l	1227580	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2101\25946.D
Acq On : 21 Nov 2001 10:07 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

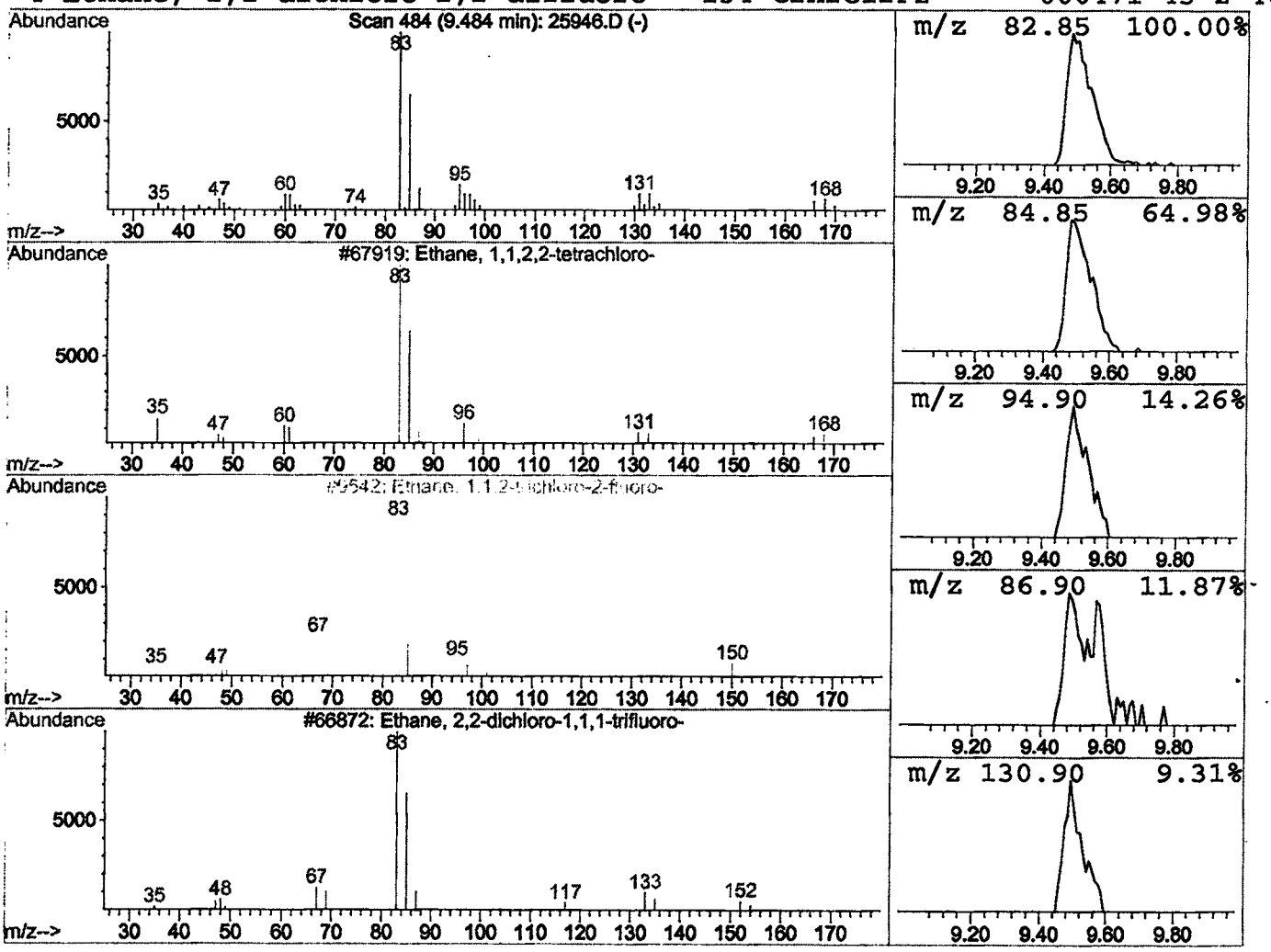
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	0.57 ug/l	137049	1,4-Dichlorobenzene-d4	11.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	80
2	Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	56
3	Ethane, 2,2-dichloro-1,1,1-trifluor	152	C2HCl2F3	000306-83-2	56
4	Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 21 Nov 2001 10:07 pm
Data File: C:\HPCHEM\1\DATA\NOV2101\25946.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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
Propane, 2-ethoxy-	7.08	1.5	ug/l	360468	ISTD01	11.72	4850370	20.0
2-Pentanone, 4-hydro	7.73	5.1	ug/l	1227580	ISTD01	11.72	4850370	20.0
Ethane, 1,1,2,2-tetr	9.48	0.6	ug/l	137049	ISTD01	11.72	4850370	20.0

25946.D NP103001.M Tue Dec 11 09:30:33 2001

Comments for Sample AD25946 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-13-2001 Time: 09:34:57

A scan of the extract prepared for the 508 analysis, from 35 to 550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for 1,1,2,2-Tetrachloroethane at an estimated level of 0.57 ug/L, and with a fit of 80 out of 100. The Field Blank for this sample will be analyzed.