User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 12:11:10

Sample: AE08211
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 12:10 Ended: 4/22/02 12:10 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE08211 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-22-2002 Time: 12:11:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\8211.D Vial: 22
Acq On : 18 Apr 2002 4:44 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:04 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	427121	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1535353	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	847377	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1223095	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	724689	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	422446	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	31919	7.52	ug/L	-0.05
Spiked Amount 10.000			Recovery = 75.20%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	15.89	128	220	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	22.63	149	241	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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Last Update : Wed Apr 17 11:48:30 2002
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DataAcq Meth : GCMS0412

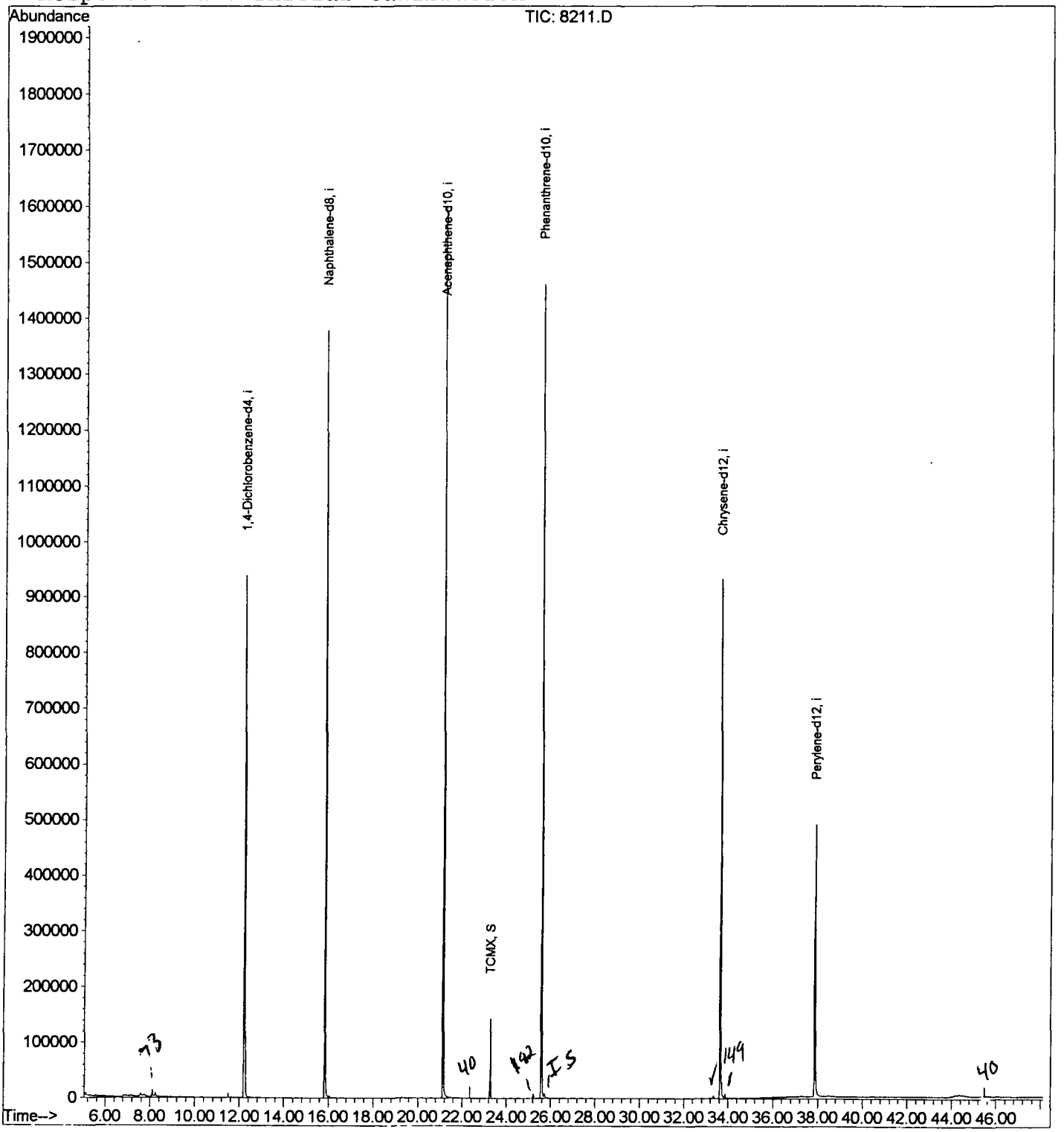
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	0.00	178	0	N.D.	
35) Anthracene	25.58	178	183	N.D.	
36) Di-n-butylphthalate	27.56	149	680	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	1556	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.85	149	3935	N.D.	
44) Chrysene	33.64	228	1556	N.D.	
46) Di-n-Octylphthalate	36.06	149	691	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.87	252	1608	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) 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\APR1702\8211.D Vial: 22
Acq On : 18 Apr 2002 4:44 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:04 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\8211.D Vial: 22
Acq On : 18 Apr 2002 4:44 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

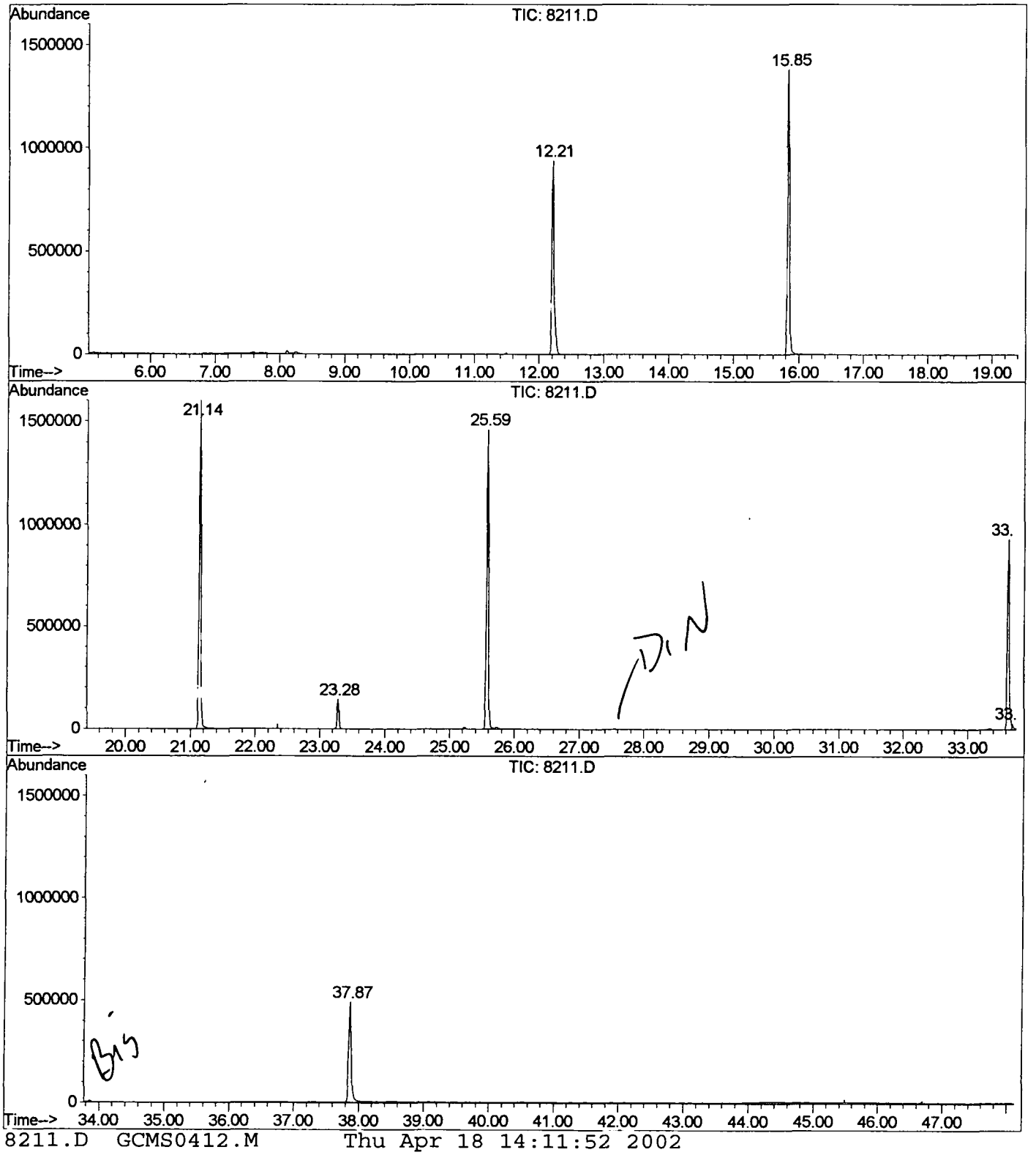
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.212	775	781	793	rBV	938630	2286650	71.70%	15.098%
2	15.847	1171	1177	1191	rBV	1378293	2873350	90.09%	18.972%
3	21.144	1748	1754	1769	rBV	1600429	3189247	100.00%	21.057%
4	23.283	1980	1987	1994	rVB	142824	279336	8.76%	1.844%
5	25.587	2231	2238	2249	rBV	1460807	3027485	94.93%	19.989%
6	33.638	3108	3115	3121	rBV2	932150	2040450	63.98%	13.472%
7	33.703	3121	3122	3132	rVV	28761	40357	1.27%	0.266%
8	37.871	3568	3576	3597	rBV2	488319	1408576	44.17%	9.300%

Sum of corrected areas: 15145451

8211.D GCMS0412.M Thu Apr 18 14:11:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\8211.D
Operator :
Acquired : 18 Apr 2002 4:44 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/8
Misc Info :
Vial Number: 22
Quant File :GCMS0412.RES (RTE Integrator)



8211.D GCMS0412.M Thu Apr 18 14:11:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8211.D Vial: 22
Acq On : 18 Apr 2002 4:44 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

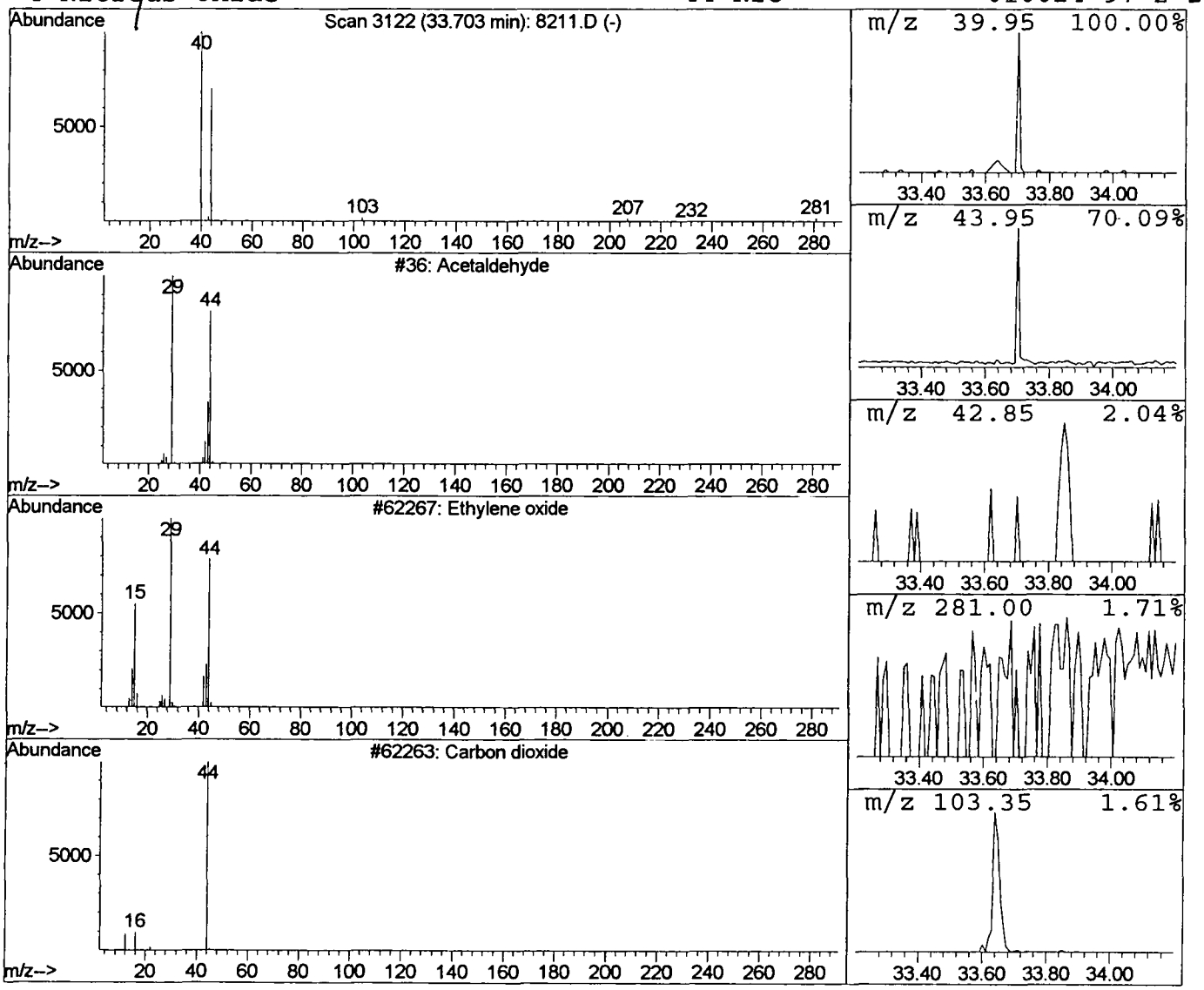
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.70	0.40 ug/l	40357	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Ethylene oxide	44	C2H4O	000075-21-8	2
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Nitrous Oxide	44	N2O	010024-97-2	2



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 4:44 am
Data File: C:\HPCHEM\1\DATA\APR1702\8211.D
Name: gc/ms scan 4/8
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
~~Acetaldehyde~~	33.70	0.4	ug/l	40357	ISTD05	33.64	2040450	20.0

8211.D GCMS0412.M Thu Apr 18 14:11:53 2002