User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:51:47

Sample: AD30647
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 14:51 Ended: 2/15/02 14:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AD30647 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 14:51:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1302\30647.D Vial: 11
Acq On : 14 Feb 2002 12:54 am Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:05 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 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	278876	20.00	ug/l	0.00
10) Naphthalene-d8	15.98	136	1069858	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.30	164	565789	20.00	ug/l	-0.01
29) Phenanthrene-d10	25.75	188	827697	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	566864	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	354098	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	32482	3.91	ug/mL	0.33
Spiked Amount 5.000			Recovery = 78.20%			
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	16.05	128	595	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	22.78	149	199	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\FEB1302\30647.D Vial: 11
Acq On : 14 Feb 2002 12:54 am Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:05 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 13 11:43:23 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	25.82	178	210	N.D.	
34)	Anthracene	25.82	178	210	N.D.	
35)	Di-n-butylphthalate	27.72	149	10127	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	33.82	228	1419	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	205	N.D.	
43)	Chrysene	33.82	228	1419	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	38.12	252	1415	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.	

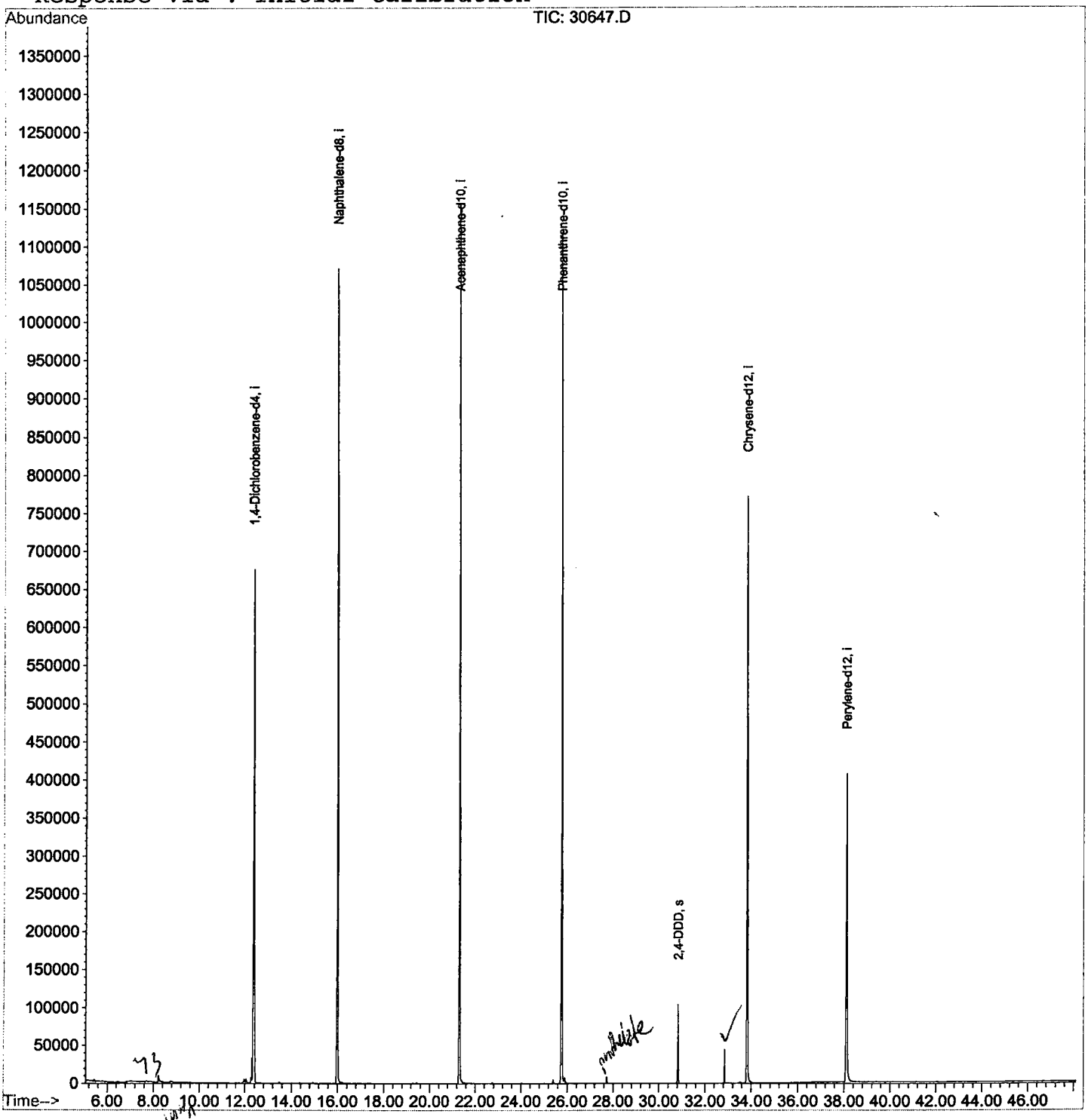
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1302\30647.D
Acq On : 14 Feb 2002 12:54 am
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:05 2002

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1302\30647.D Vial: 11
Acq On : 14 Feb 2002 12:54 am Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 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

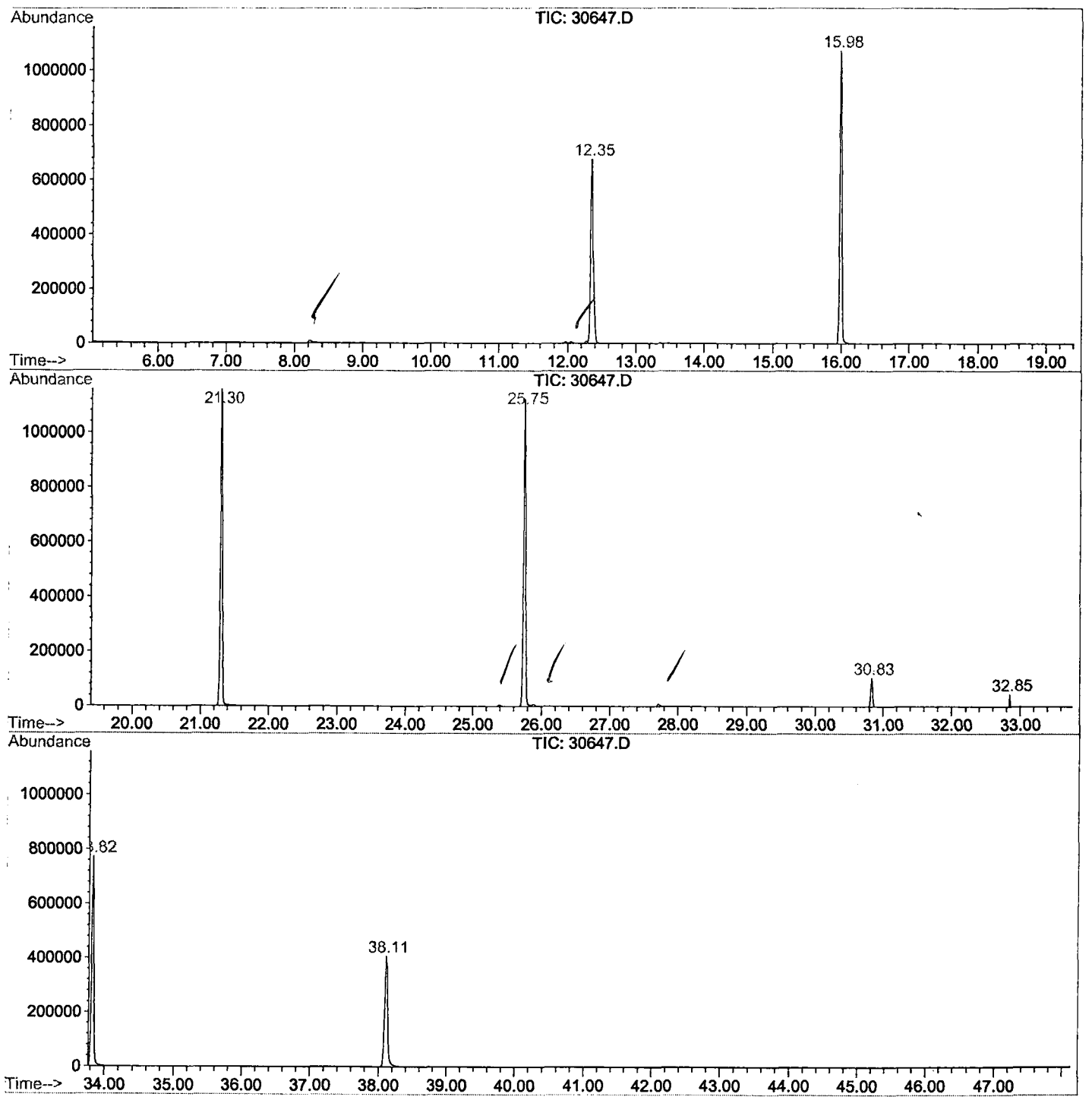
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.348	790	796	808	rVB	675493	1813060	76.47%	15.248%
2	15.984	1186	1192	1204	rBV	1071166	2231716	94.13%	18.769%
3	21.299	1765	1771	1782	rBV	1156794	2370940	100.00%	19.940%
4	25.752	2249	2256	2267	rBV2	1121830	2310166	97.44%	19.429%
5	30.828	2804	2809	2817	rVB	104492	194241	8.19%	1.634%
6	32.848	3027	3029	3031	rBV	44484	24665	1.04%	0.207%
7	33.821	3128	3135	3149	rBV2	771366	1728814	72.92%	14.539%
8	38.108	3593	3602	3620	rBV2	406330	1216944	51.33%	10.235%

Sum of corrected areas: 11890546

30647.D GCMS0208.M Fri Feb 15 10:10:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1302\30647.D
Operator : 209 GALOS
Acquired : 14 Feb 2002 12:54 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/11
Misc Info :
Vial Number: 11
Quant File :GCMS0208.RES (RTE Integrator)



30647.D GCMS0208.M Fri Feb 15 10:11:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1302\30647.D
Acq On : 14 Feb 2002 12:54 am
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

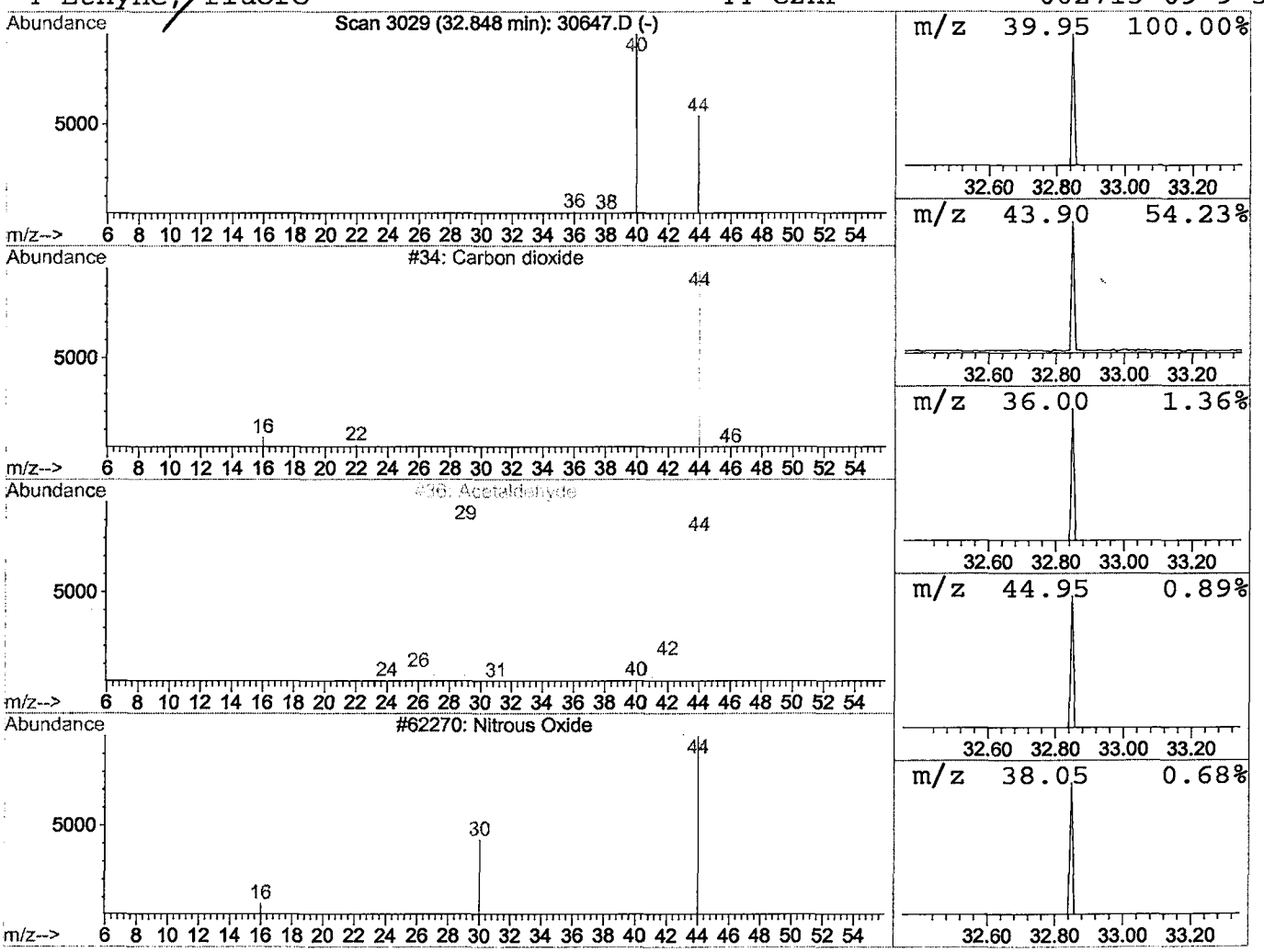
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.85	0.29 ug/l	24665	Chrysene-d12	33.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Nitrous Oxide	44	N2O	010024-97-2	3
4	Ethyne, fluoro-	44	C2HF	002713-09-9	3



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 14 Feb 2002 12:54 am
Data File: C:\HPCHEM\1\DATA\FEB1302\30647.D
Name: GC/MS SCAN 2/11
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
~~Carbon dioxide~~	32.85	0.3	ug/l	24665	ISTD05	33.82	1728810	20.0

30647.D GCMS0208.M Fri Feb 15 10:11:11 2002