User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 14:41:14

Sample: AD30315
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 14:40 Ended: 1/9/02 14:40 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AD30315 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 14:41:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 8 of the 43 compounds in the LCS Standard were above their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30315.D Vial: 6
Acq On : 22 Dec 2001 11:44 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 10:33 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	741855	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	2806831m	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1402511m	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2104852m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1233869m	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	749761m	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	107784m	3.54	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 70.80%			
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	0.00	128	0	N.D.	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.	d	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	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	0.00	149	0	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\DEC2101\30315.D Vial: 6
Acq On : 22 Dec 2001 11:44 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 10:33 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

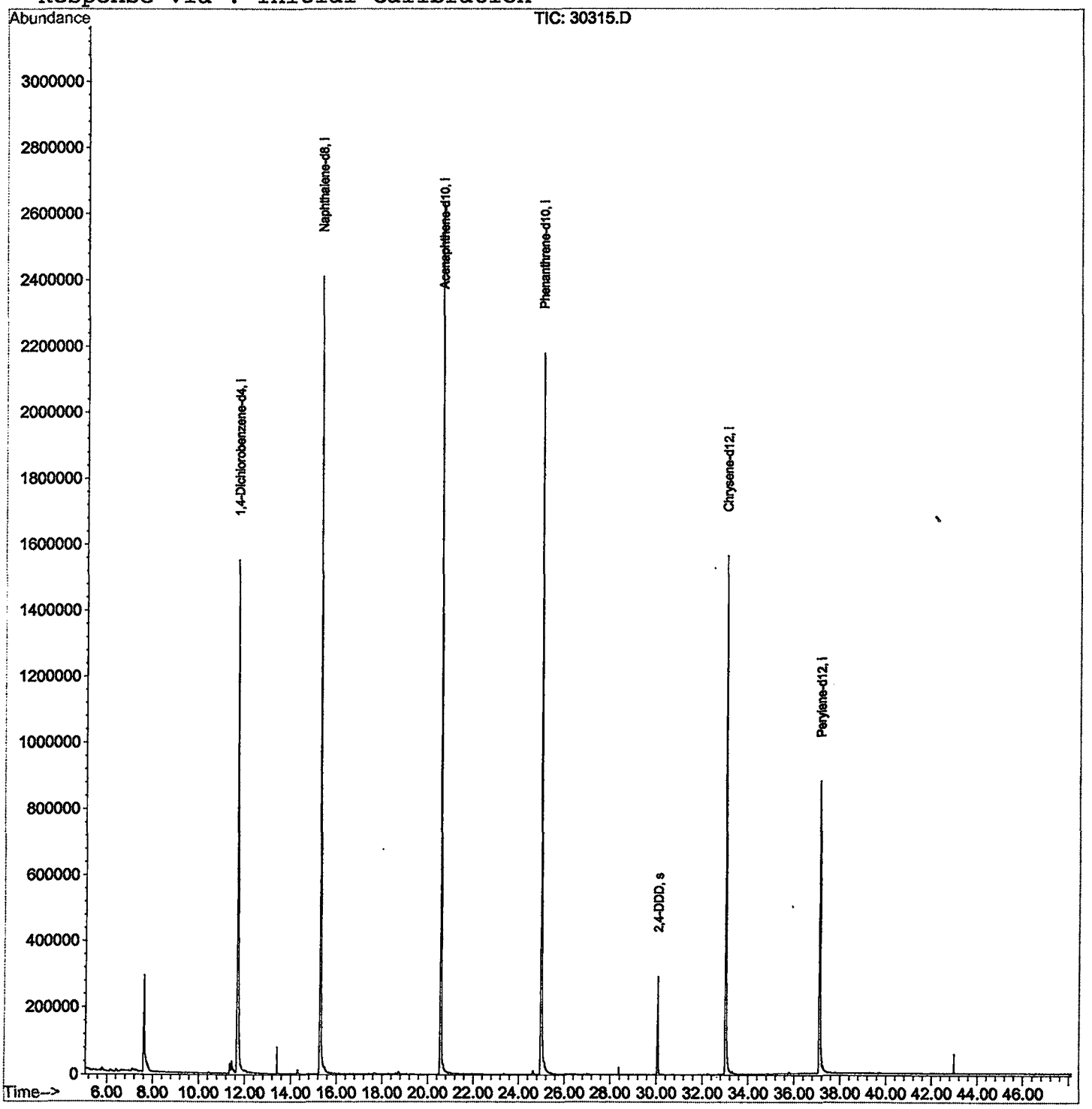
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32)	Hexachlorobenzene	0.00	284	0	N.D.		
33)	Phenanthrene	0.00	178	0	N.D.		
34)	Anthracene	0.00	178	0	N.D.		
35)	Di-n-butylphthalate	0.00	149	0	N.D.		
36)	Fluoranthene	0.00	202	0	N.D.	d	
39)	Pyrene	0.00	202	0	N.D.		
40)	Butylbenzylphthalate	0.00	149	0	N.D.	d	
41)	Benzo(a)anthracene	0.00	228	0	N.D.		
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
43)	Chrysene	0.00	228	0	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	37.10	252	3109	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\DEC2101\30315.D Vial: 6
Acq On : 22 Dec 2001 11:44 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 10:33 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30315.D Vial: 6
Acq On : 22 Dec 2001 11:44 am Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

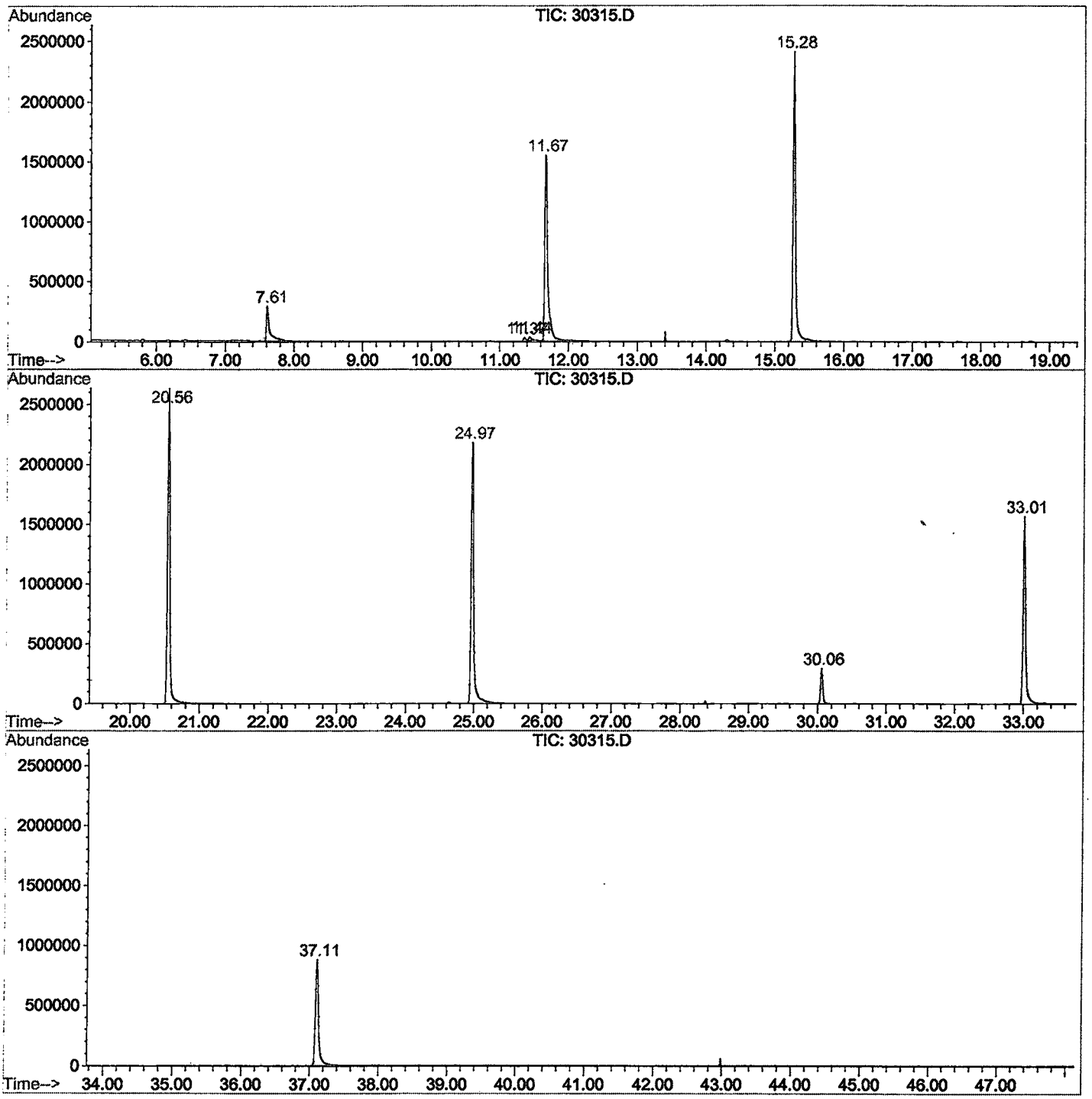
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	310	rBV	287177	941446	15.51%	3.089%
2	11.366	685	689	693	rBV	29238	74232	1.22%	0.244%
3	11.439	693	697	704	rVV	28727	81151	1.34%	0.266%
4	11.669	717	722	749	rBV	1547660	4595829	75.73%	15.079%
5	15.277	1109	1115	1133	rBV	2409887	5592329	92.15%	18.348%
6	20.556	1683	1690	1715	rBV	2634441	6068396	100.00%	19.910%
7	24.971	2165	2171	2215	rBV2	2178962	5787573	95.37%	18.989%
8	30.057	2719	2725	2736	rBV	292994	634361	10.45%	2.081%
9	33.013	3040	3047	3065	rBV2	1566501	3956836	65.20%	12.982%
10	37.108	3484	3493	3513	rBV	877619	2746788	45.26%	9.012%

Sum of corrected areas: 30478941

30315.D GCMS1126.M Wed Jan 02 10:18:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30315.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 11:44 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 6
Quant File :GCMS1126.RES (RTE Integrator)



30315.D GCMS1126.M Wed Jan 02 10:18:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30315.D
Acq On : 22 Dec 2001 11:44 am
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

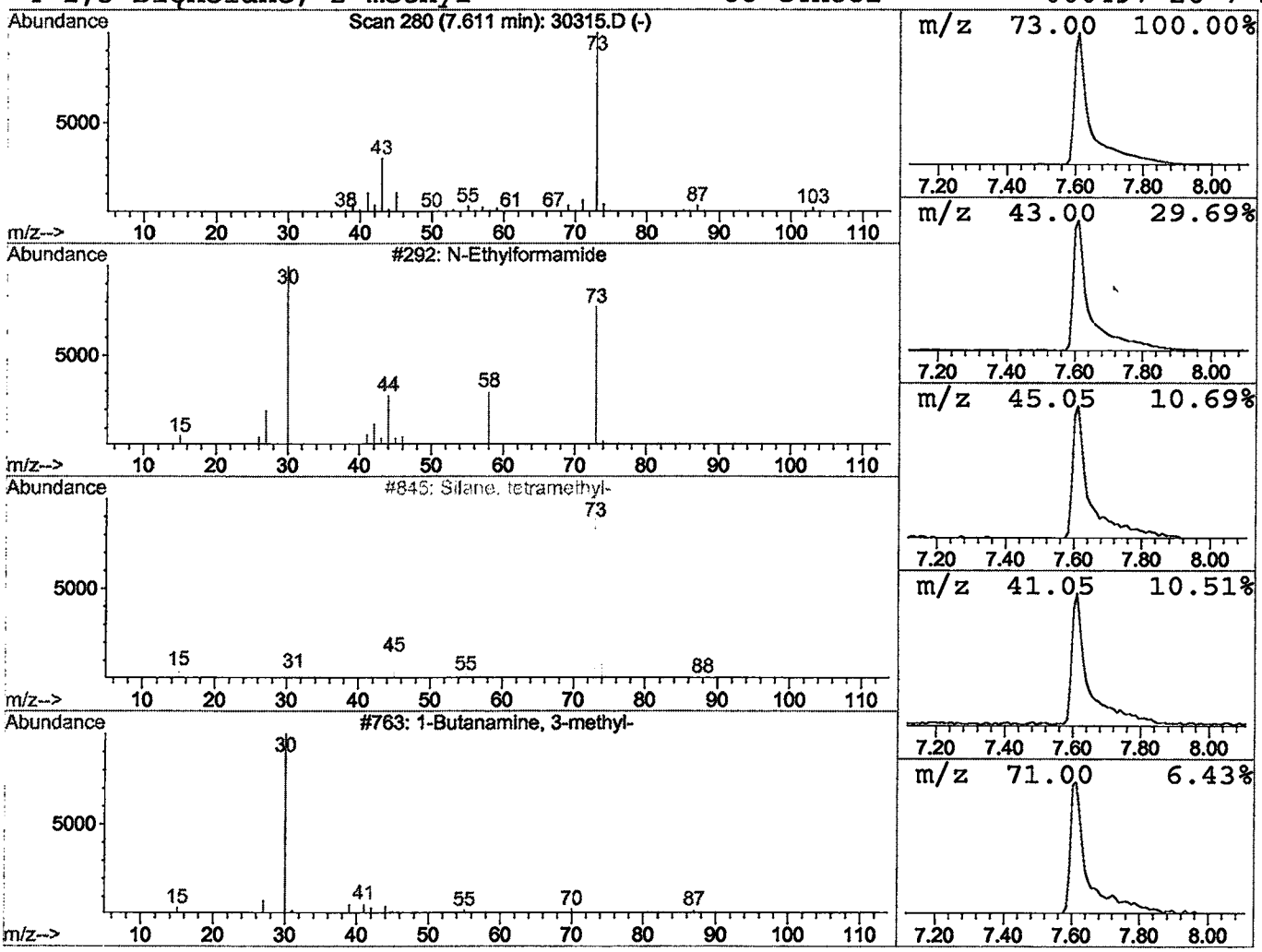
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.10 ug/l	941446	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30315.D
Acq On : 22 Dec 2001 11:44 am
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

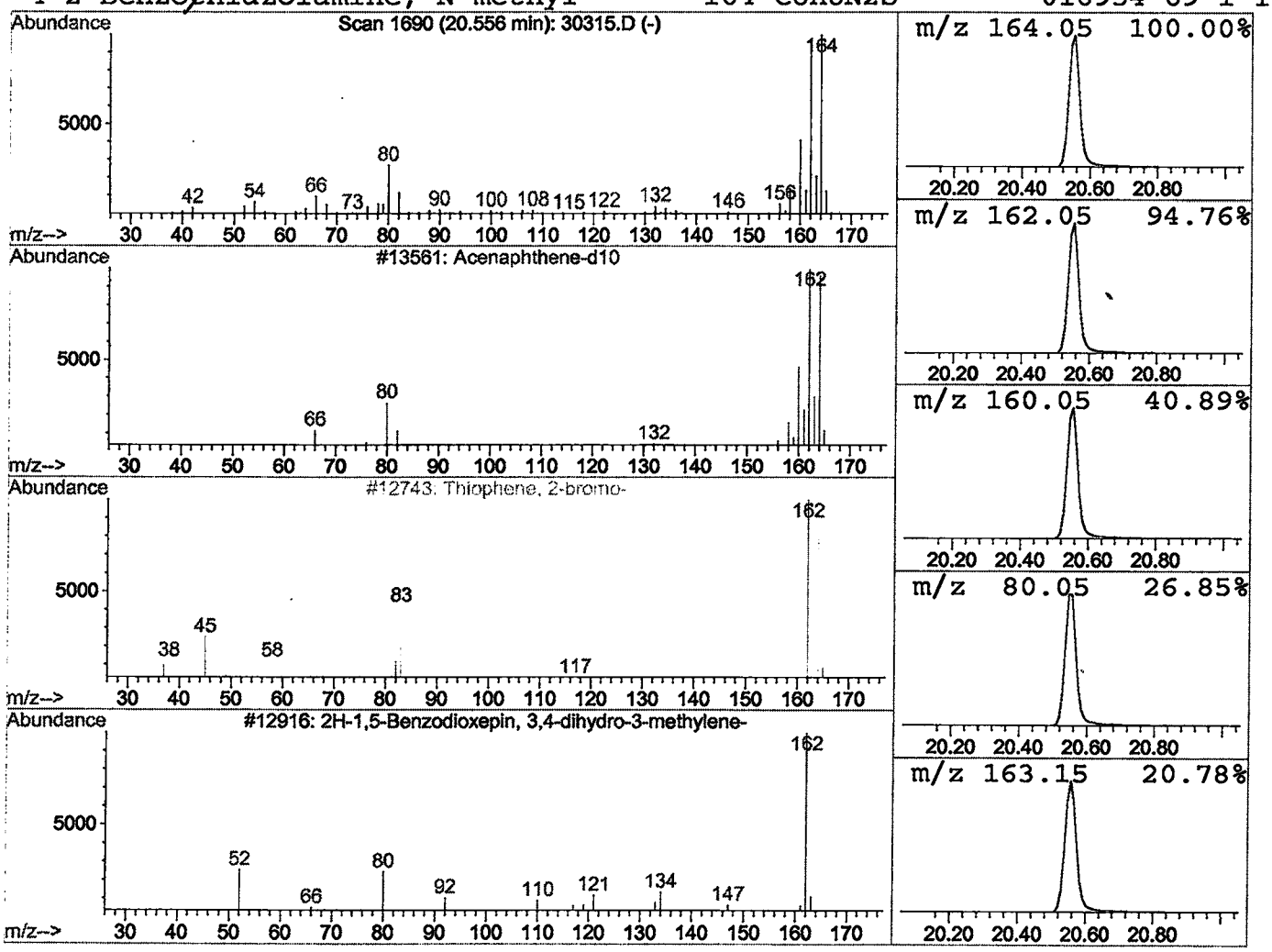
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acenaphthene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	20.97 ug/l	6068400	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene-d10	164	C12D10	015067-26-2	72
2	Thiophene, 2-bromo-	162	C4H3BrS	001003-09-4	38
3	2H-1,5-Benzodioxepin, 3,4-dihydro-3	162	C10H10O2	019560-64-6	17
4	2-Benzothiazolamine, N-methyl-	164	C8H8N2S	016954-69-1	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30315.D
Acq On : 22 Dec 2001 11:44 am
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

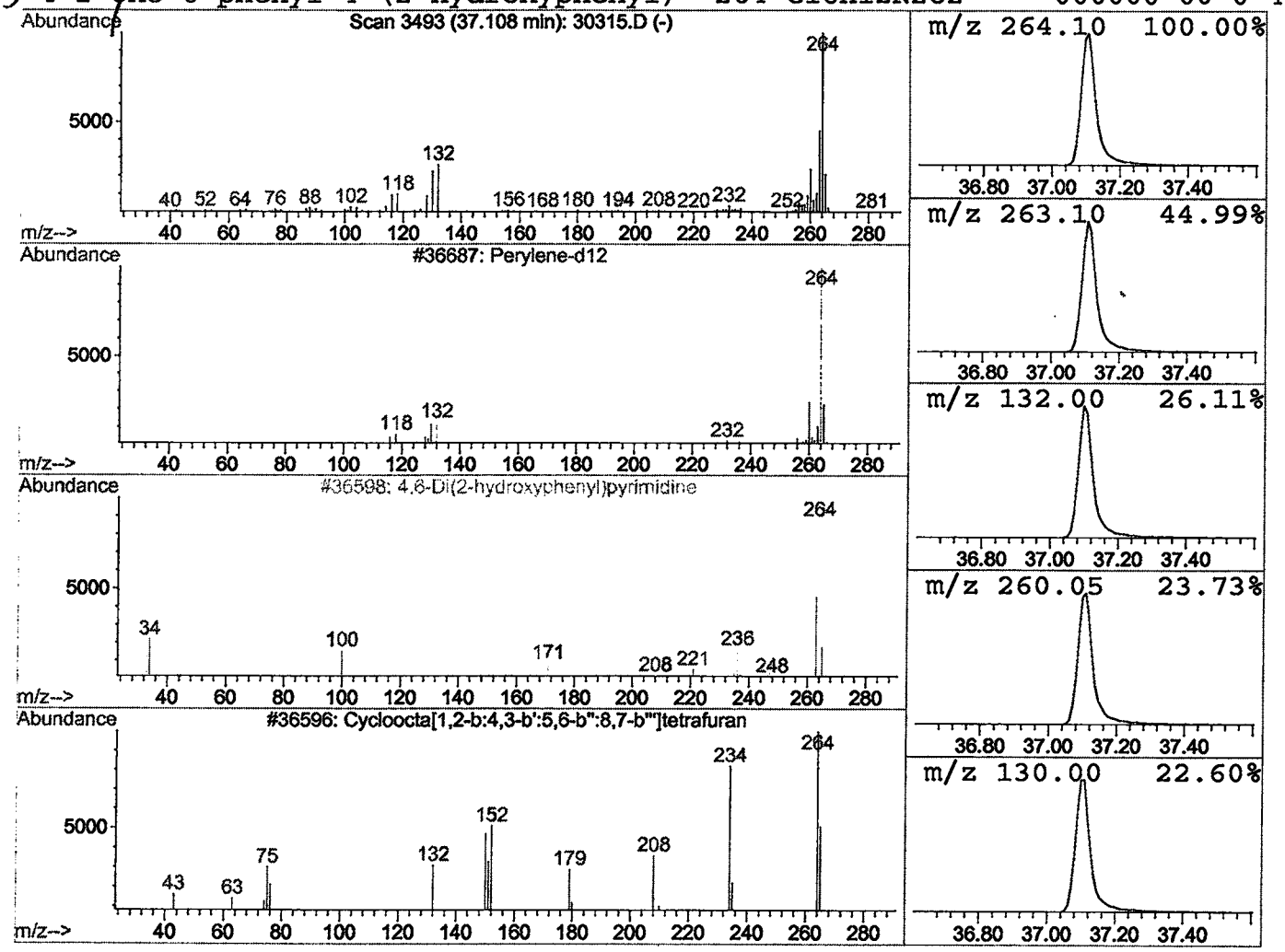
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Perylene-d12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.11	13.88 ug/l	2746790	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene-d12	264	C20D12	001520-96-3	94
2	4,6-Di(2-hydroxyphenyl)pyrimidine	264	C16H12N2O2	000000-00-0	47
3	Cycloocta[1,2-b:4,3-b':5,6-b'':8,7-	264	C16H8O4	056598-42-6	45
4	2-Oxo-6-phenyl-4-(2-hydroxyphenyl)-	264	C16H12N2O2	000000-00-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 22 Dec 2001 11:44 am
Data File: C:\HPCHEM\1\DATA\DEC2101\30315.D
Name: gc/ms scan 12/13a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
N-Ethylformamide	7.61	4.1	ug/l	941446	ISTD02	11.68	4595830	20.0
Acenaphthene-d10	20.56	21.0	ug/l	6068400	ISTD04	24.97	5787570	20.0
Perylene-d12	37.11	13.9	ug/l	2746790	ISTD05	33.01	3956840	20.0

30315.D GCMS1126.M Wed Jan 02 10:19:28 2002