User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:02:57

Sample: AD29963
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:02 Ended: 1/28/02 14:02 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AD29963 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 14:03:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1801\29963.D Vial: 10
Acq On : 19 Dec 2001 12:52 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 10:16 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	868935	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3329912	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1664294	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2481489	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1604488	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1043170	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	135911	4.98	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 99.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	419	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	15.34	128	1504	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	21.11	165	204	N.D.		
25) Diethylphthalate	22.12	149	703	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 : 19 Dec 2001 12:52 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
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Quant 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
DataAcq Meth : NP091101

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	25.05	178	510	N.D.	
34) Anthracene	25.05	178	510	N.D.	
35) Di-n-butylphthalate	27.00	149	10160	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	33.00	228	4026	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	13134	N.D.	
43) Chrysene	33.00	228	4026	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	37.11	252	4215	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.	

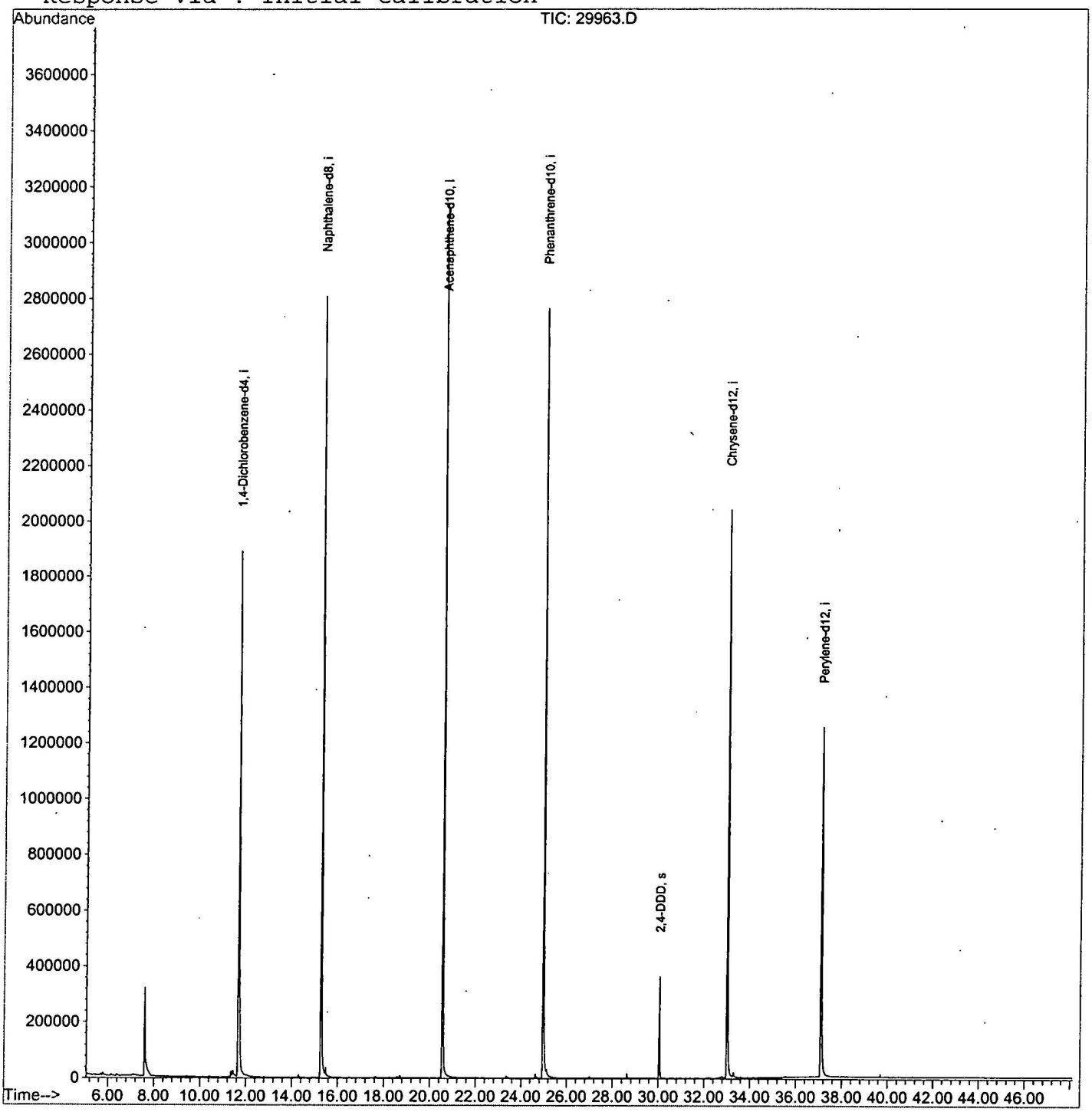
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29963.D
Acq On : 19 Dec 2001 12:52 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 10:16 2002

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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\DEC1801\29963.D Vial: 10
Acq On : 19 Dec 2001 12:52 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 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

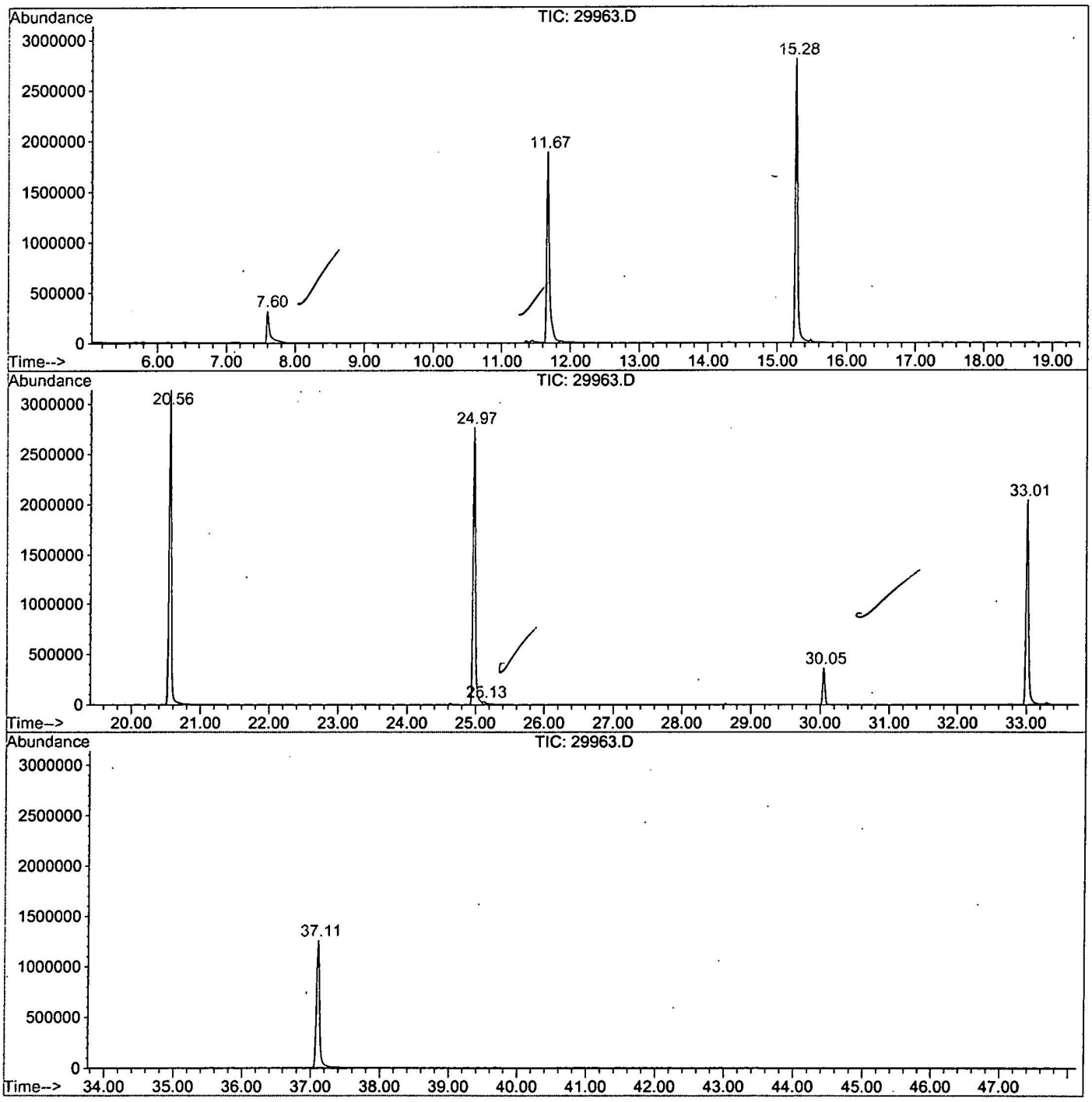
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	310	rBV	317305	1027036	14.70%	2.879%
2	11.670	717	722	741	rBV	1888012	5029083	71.98%	14.099%
3	15.278	1109	1115	1135	rBV	2807376	6427811	92.00%	18.020%
4	20.556	1683	1690	1714	rBV	3139515	6986820	100.00%	19.587%
5	24.972	2165	2171	2185	rBV2	2765291	6490886	92.90%	18.197%
6	25.128	2185	2188	2199	rVB	25135	87120	1.25%	0.244%
7	30.049	2719	2724	2733	rBV	362985	776242	11.11%	2.176%
8	33.014	3040	3047	3067	rBV2	2039975	5030641	72.00%	14.103%
9	37.108	3485	3493	3519	rBV2	1252522	3815093	54.60%	10.695%

Sum of corrected areas: 35670732

29963.D GCMS1126.M Tue Jan 15 15:28:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\29963.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 12:52 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



29963.D GCMS1126.M Tue Jan 15 15:28:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29963.D
Acq On : 19 Dec 2001 12:52 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

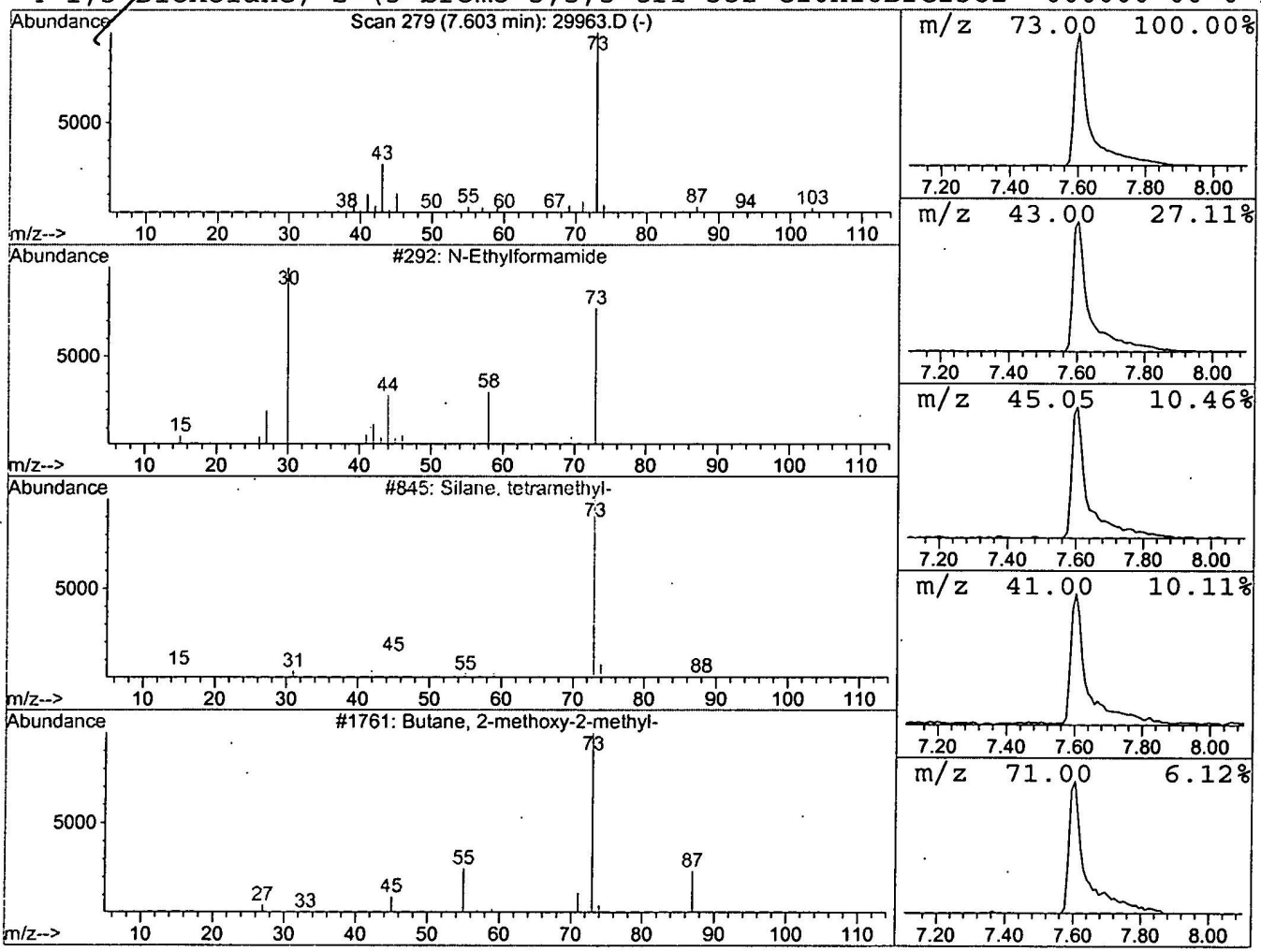
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.08 ug/l	1027040	1,4-Dichlorobenzene-d4	11.67

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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\29963.D
Acq On : 19 Dec 2001 12:52 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

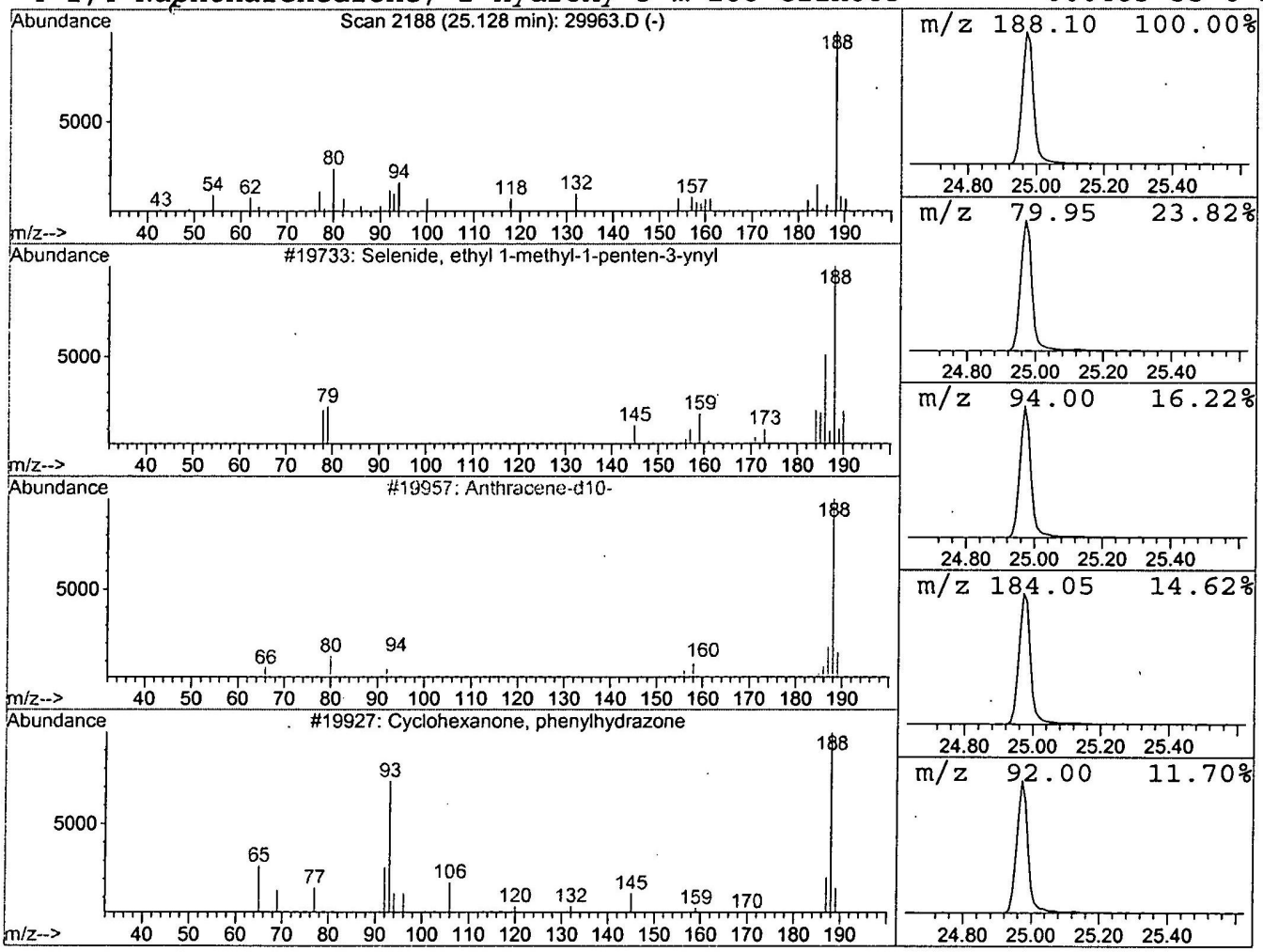
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Selenide, ethyl 1-methyl-1-pen Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.13	0.27 ug/l	87120	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selenide, ethyl 1-methyl-1-penten-3	188	C8H12Se	025128-48-7	47
2	Anthracene-d10-	188	C14D10	001719-06-8	45
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	28
4	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	23



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 12:52 am
Data File: C:\HPCHEM\1\DATA\DEC1801\29963.D
Name: gc/ms scan 12/11
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-~~Ethylfo~~rmamide	7.60	4.1	ug/l	1027040	ISTD01	11.67	5029080	20.0
Sel~~enide~~, ethyl 1-me	25.13	0.3	ug/l	87120	ISTD04	24.97	6490890	20.0

29963.D GCMS1126.M Tue Jan 15 15:28:53 2002