User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 16:05:23

Sample: AD31403
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 16:04 Ended: 2/7/02 16:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AD31403 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 16:05:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 6 of the 43 compounds were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D Vial: 12
Acq On : 15 Jan 2002 9:43 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:07 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	694632m	20.00	ug/l	-0.20
10) Naphthalene-d8	15.10	136	2689337	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.36	164	1366986	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	1857624	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1062178	20.00	ug/l	-0.24
44) Perylene-d12	36.86	264	674975	20.00	ug/l	-0.26
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	111728	5.47	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 109.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	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	15.15	128	1950	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	20.71	165	286	N.D.		
25) Diethylphthalate	21.89	149	702	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\JAN1502\31403.D Vial: 12
Acq On : 15 Jan 2002 9:43 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.84	178	912	N.D.	
34)	Anthracene	24.84	178	912	N.D.	
35)	Di-n-butylphthalate	26.80	149	7720	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	32.80	228	2711	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	5399	N.D.	
43)	Chrysene	32.80	228	2711	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	36.86	252	2529	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.	

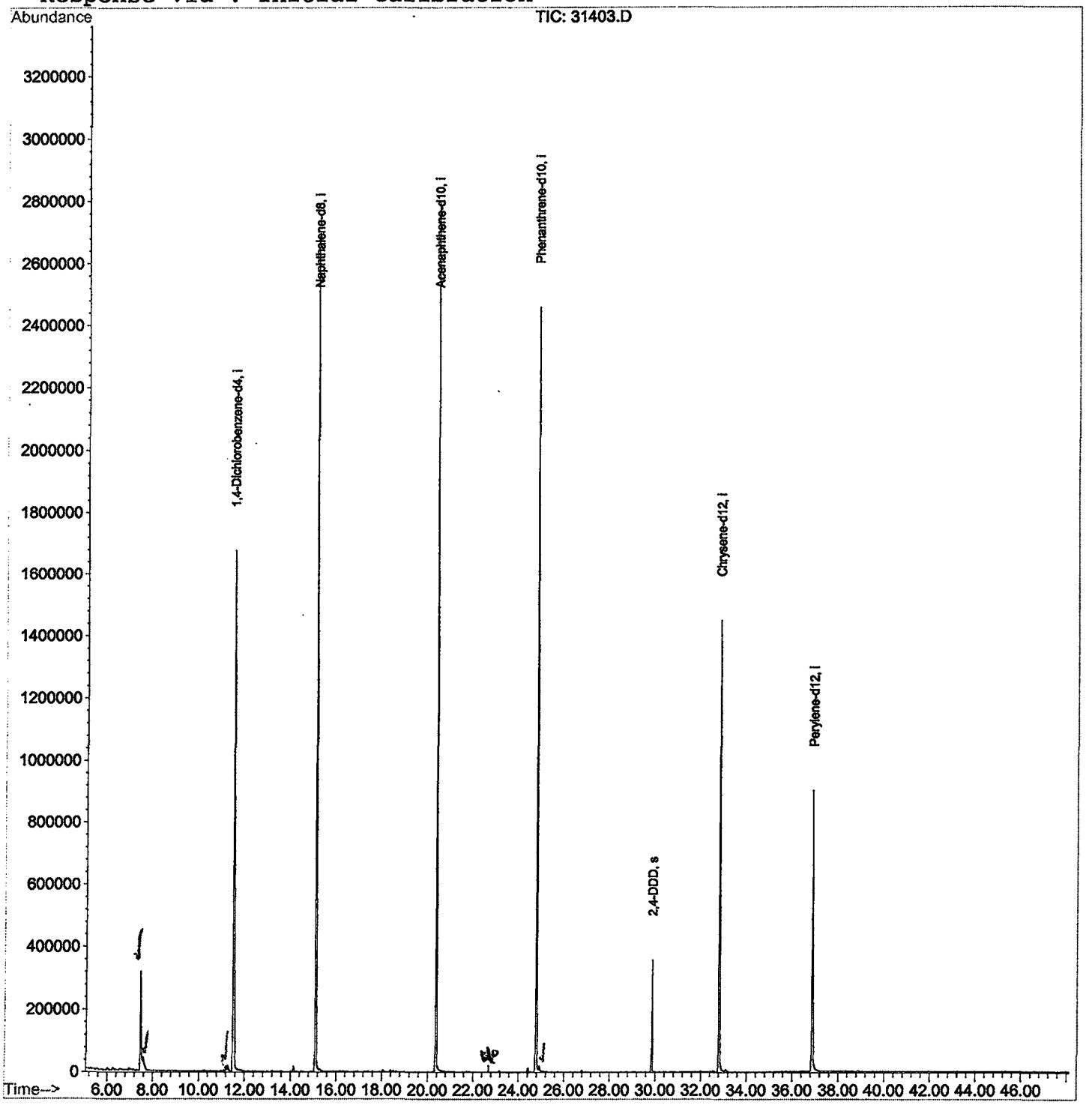
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Acq On : 15 Jan 2002 9:43 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:07 2002

Vial: 12
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 : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D Vial: 12
Acq On : 15 Jan 2002 9:43 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 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

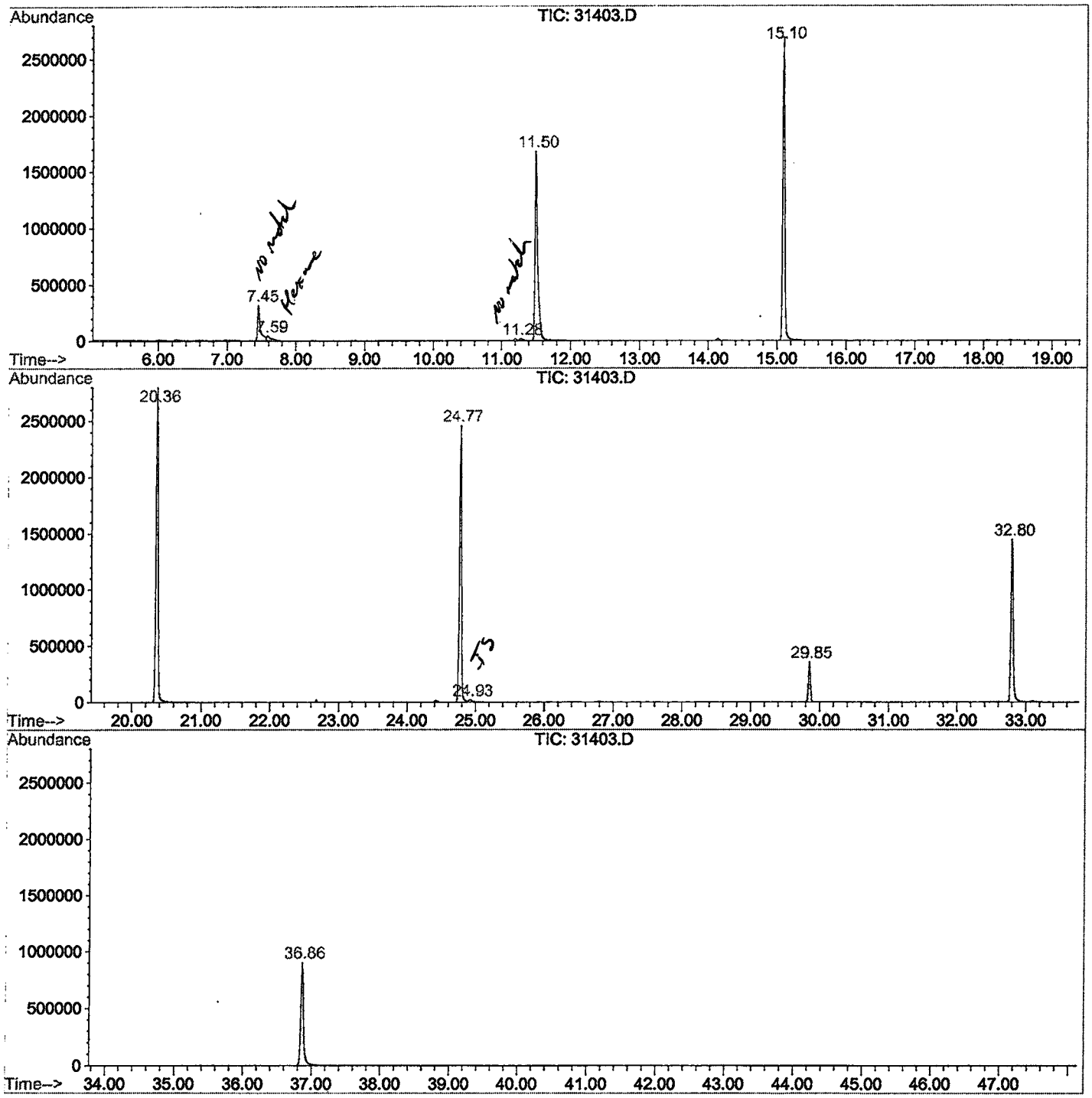
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.449	258	262	274	rBV	315210	839182	14.69%	2.934%
2	7.587	275	277	292	rVB	41320	158364	2.77%	0.554%
3	11.277	676	679	694	rVB2	17593	59777	1.05%	0.209%
4	11.497	699	703	722	rBV	1674466	4443464	77.78%	15.536%
5	15.096	1089	1095	1114	rBV	2687781	5525607	96.72%	19.320%
6	20.356	1662	1668	1688	rBV	2801808	5713223	100.00%	19.976%
7	24.772	2143	2149	2161	rBV2	2458576	5209333	91.18%	18.214%
8	24.928	2161	2166	2180	rVB	17836	60421	1.06%	0.211%
9	29.849	2697	2702	2708	rBV	356480	707519	12.38%	2.474%
10	32.796	3017	3023	3038	rBV2	1448889	3393125	59.39%	11.864%
11	36.863	3459	3466	3485	rBV	900485	2490505	43.59%	8.708%

Sum of corrected areas: 28600520

31403.D GCMS1126.M Mon Feb 04 15:11:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 9:43 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



31403.D GCMS1126.M Mon Feb 04 15:11:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Acq On : 15 Jan 2002 9:43 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

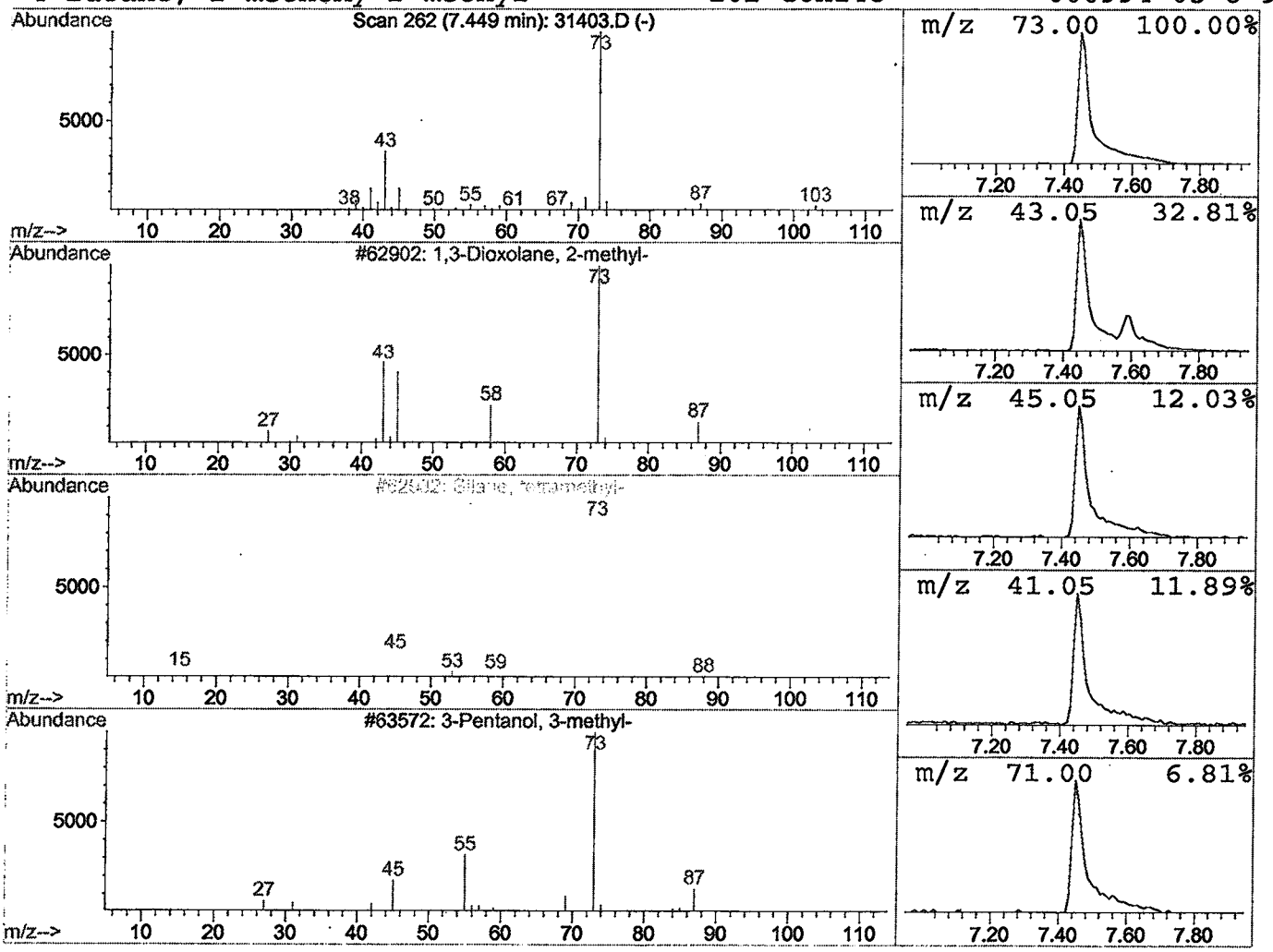
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.78 ug/l	839182	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Acq On : 15 Jan 2002 9:43 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

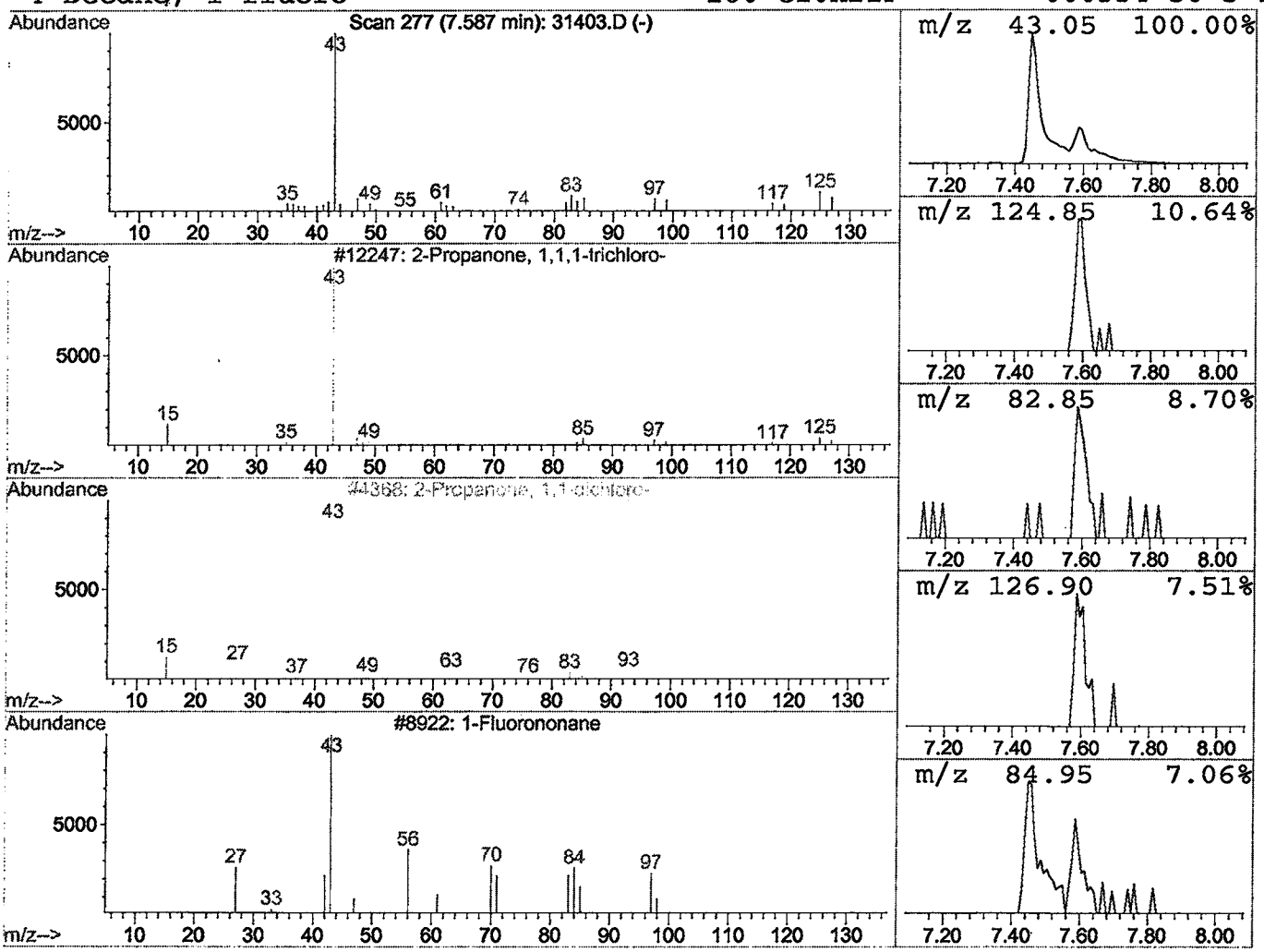
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	0.71 ug/l	158364	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	83
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	10
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Acq On : 15 Jan 2002 9:43 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

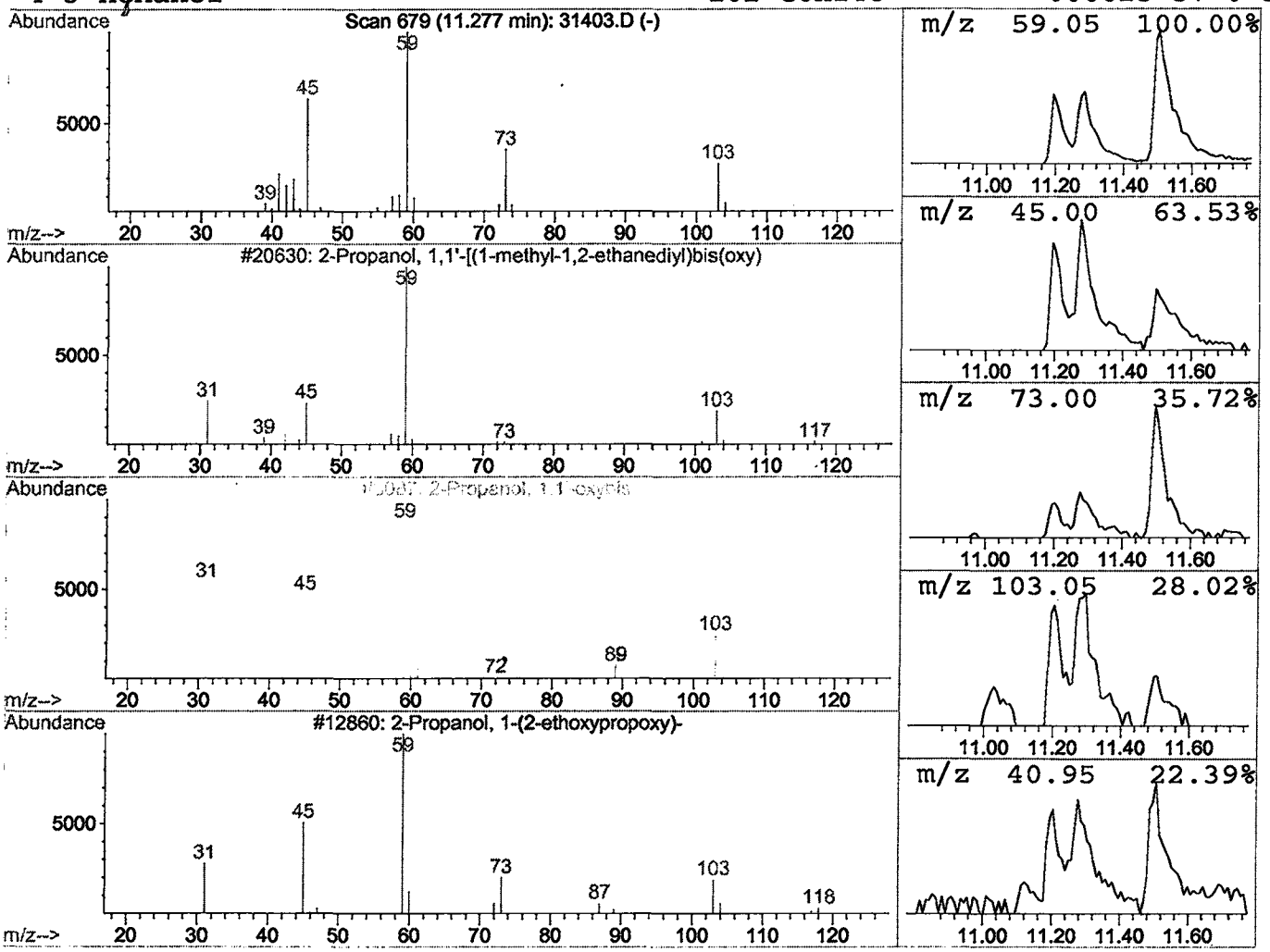
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1,1'-[(1-methyl-1, Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	0.27 ug/l	59777	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	59
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	45
3	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	39
4	3-Hexanol	102	C6H14O	000623-37-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31403.D
Acq On : 15 Jan 2002 9:43 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

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

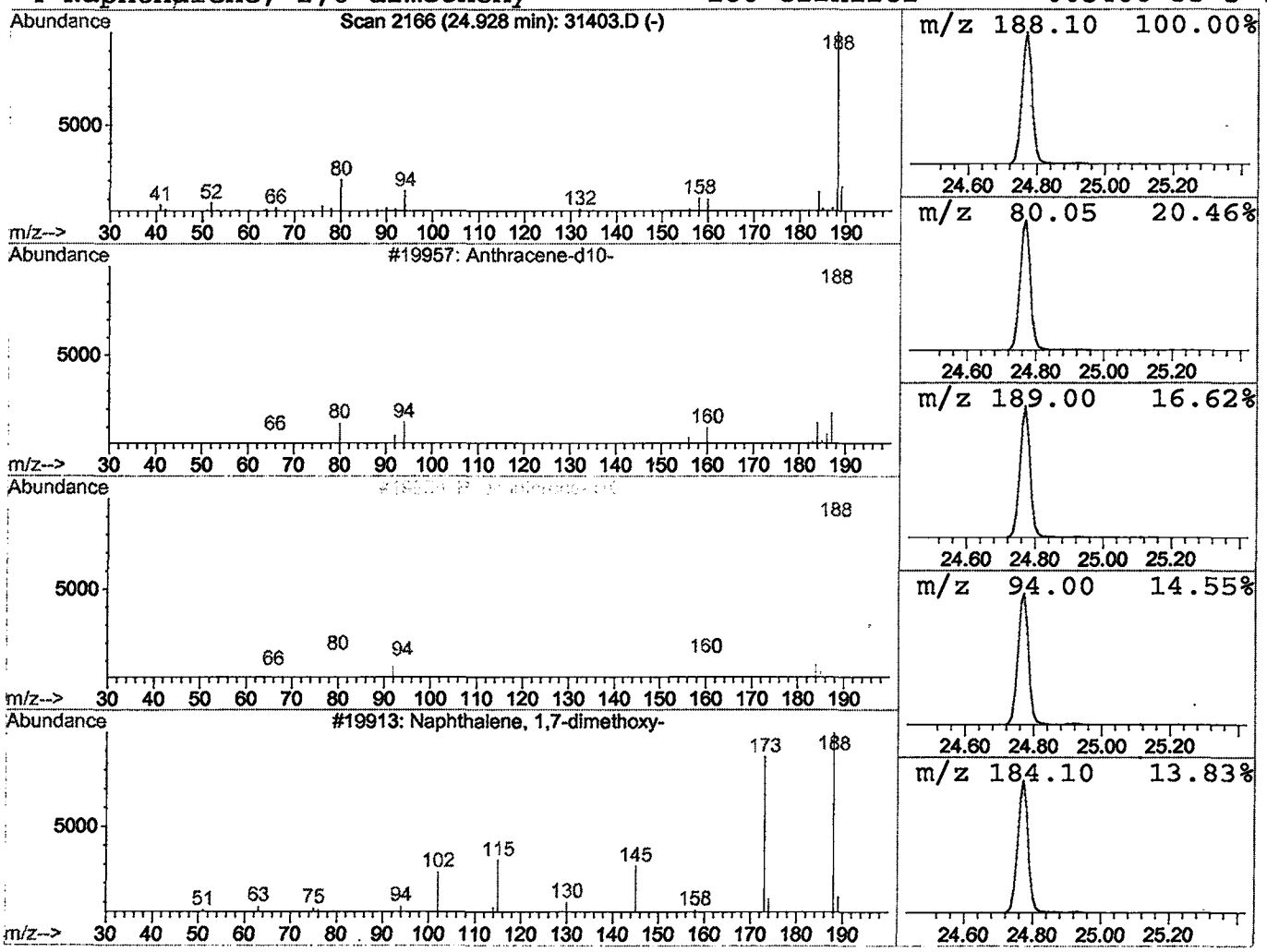
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	0.23 ug/l	60421	Phenanthrene-d10	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	83
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	50
4	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	47



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 9:43 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\31403.D
Name: gc/ms scan 12/26
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
1,3-Dioxolane, 2-met	7.45	3.8	ug/l	839182	ISTD01	11.50	4443460	20.0
2-Propanone, 1,1,1-t	7.59	0.7	ug/l	158364	ISTD01	11.50	4443460	20.0
2-Propanol, 1,1'-[(1	11.28	0.3	ug/l	59777	ISTD01	11.50	4443460	20.0
Anthracene-d10	24.93	0.2	ug/l	60421	ISTD04	24.77	5209330	20.0

31403.D GCMS1126.M Mon Feb 04 15:11:43 2002