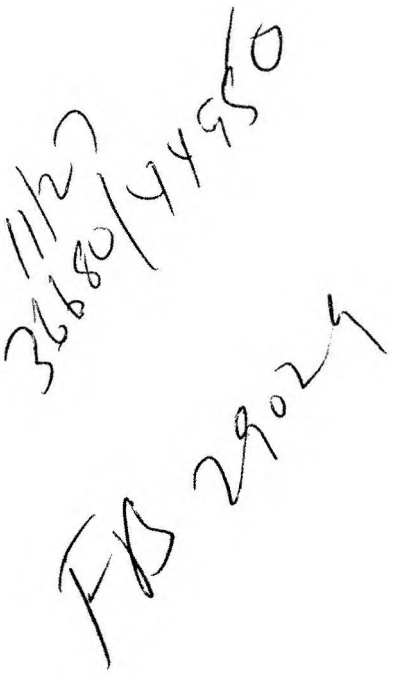
Comments for Sample AD29027 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:06:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds, except for Decanedioic acid bis(2-Ethylhexyl) ester at an estimated level of 0.92 ug/L and with a fit of 86 out of 100. Its presence is probably due to laboratory contamination.



User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:02:47

Sample: AD29027
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:01 Ended: 12/18/01 13:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:38 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	1097694	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4133050	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.55	164	2078080	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3015633	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1996132	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1366653	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	154912	4.31	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 86.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	110	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	13.14	77	111	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	1282	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.18	165	294	N.D.		
25) Diethylphthalate	22.08	149	1321	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:38 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	25.04	178	461	N.D.	
34) Anthracene	25.04	178	461	N.D.	
35) Di-n-butylphthalate	26.99	149	18216	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	33.01	228	4689	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	12875	N.D.	
43) Chrysene	33.01	228	4689	N.D.	
45) Di-n-Octylphthalate	35.03	149	321	N.D.	
46) Benzo(b)fluoranthene	36.07	252	205	N.D.	
47) Benzo(k)fluoranthene	36.12	252	1175	N.D.	
48) Benzo(a)pyrene	37.09	252	5541	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

NYC-WTC_000035934

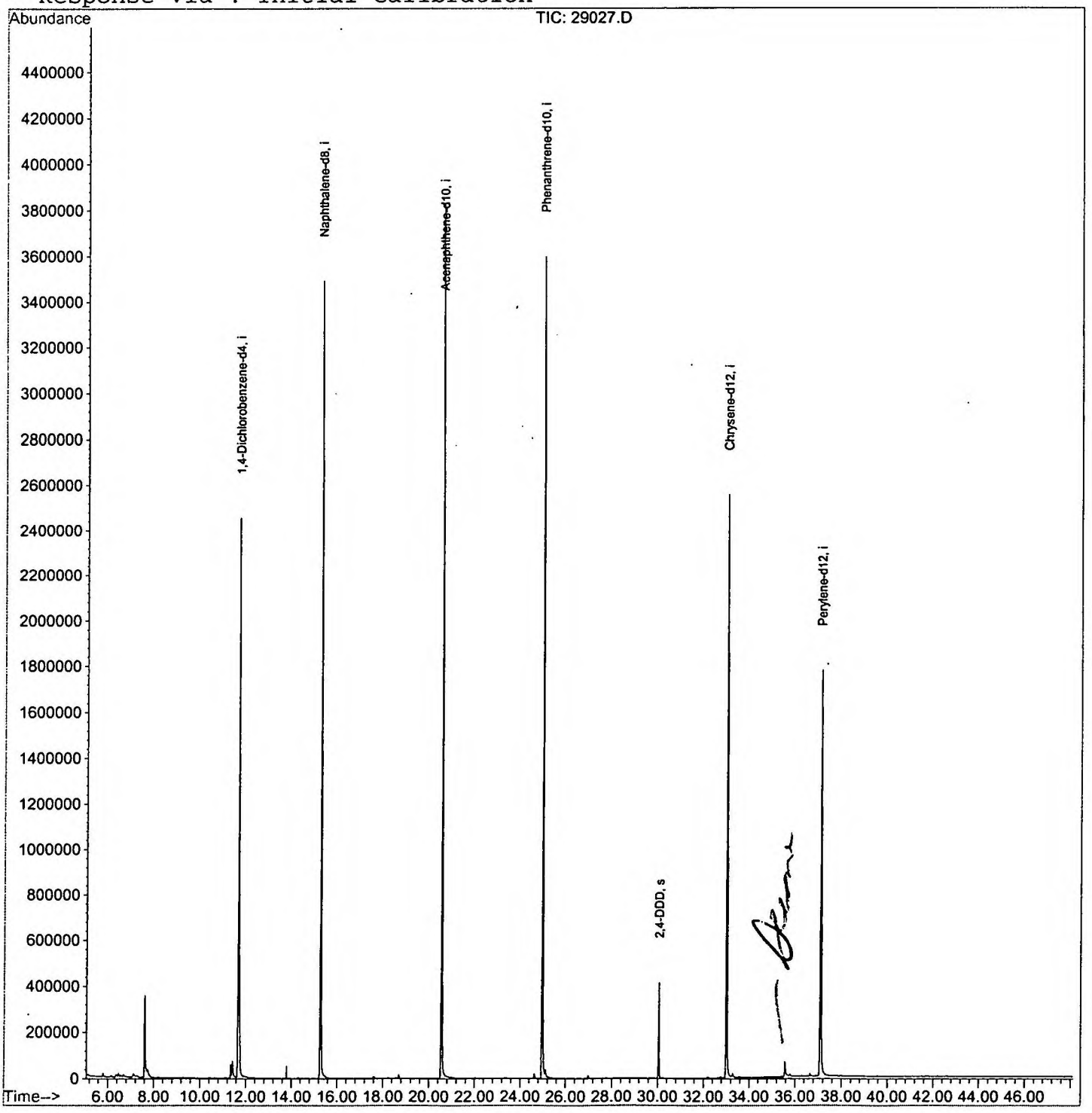
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D
Acq On : 11 Dec 2001 3:01 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:38 2001

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



NYC-WTC_000035935

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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	7.607	274	279	290	rBV	354789	912494	10.72%	2.062%
2	7.745	292	294	317	rVB	35885	144390	1.70%	0.326%
3	11.344	683	686	691	rBV	59556	141179	1.66%	0.319%
4	11.426	691	695	704	rVB	68596	176458	2.07%	0.399%
5	11.674	716	722	741	rBV	2450623	6156985	72.32%	13.916%
6	15.273	1109	1114	1133	rBV	3490173	7776915	91.35%	17.578%
7	20.552	1683	1689	1708	rBV	3829928	8513717	100.00%	19.243%
8	24.977	2164	2171	2182	rBV2	3597221	7963527	93.54%	18.000%
9	25.123	2183	2187	2198	rVB	34158	109417	1.29%	0.247%
10	30.053	2716	2724	2733	rBV	414095	844470	9.92%	1.909%
11	33.009	3039	3046	3067	rBV2	2553789	6269435	73.64%	14.171%
12	35.561	3319	3324	3337	rBV	65904	231335	2.72%	0.523%
13	37.104	3484	3492	3513	rBV2	1771899	5002408	58.76%	11.307%

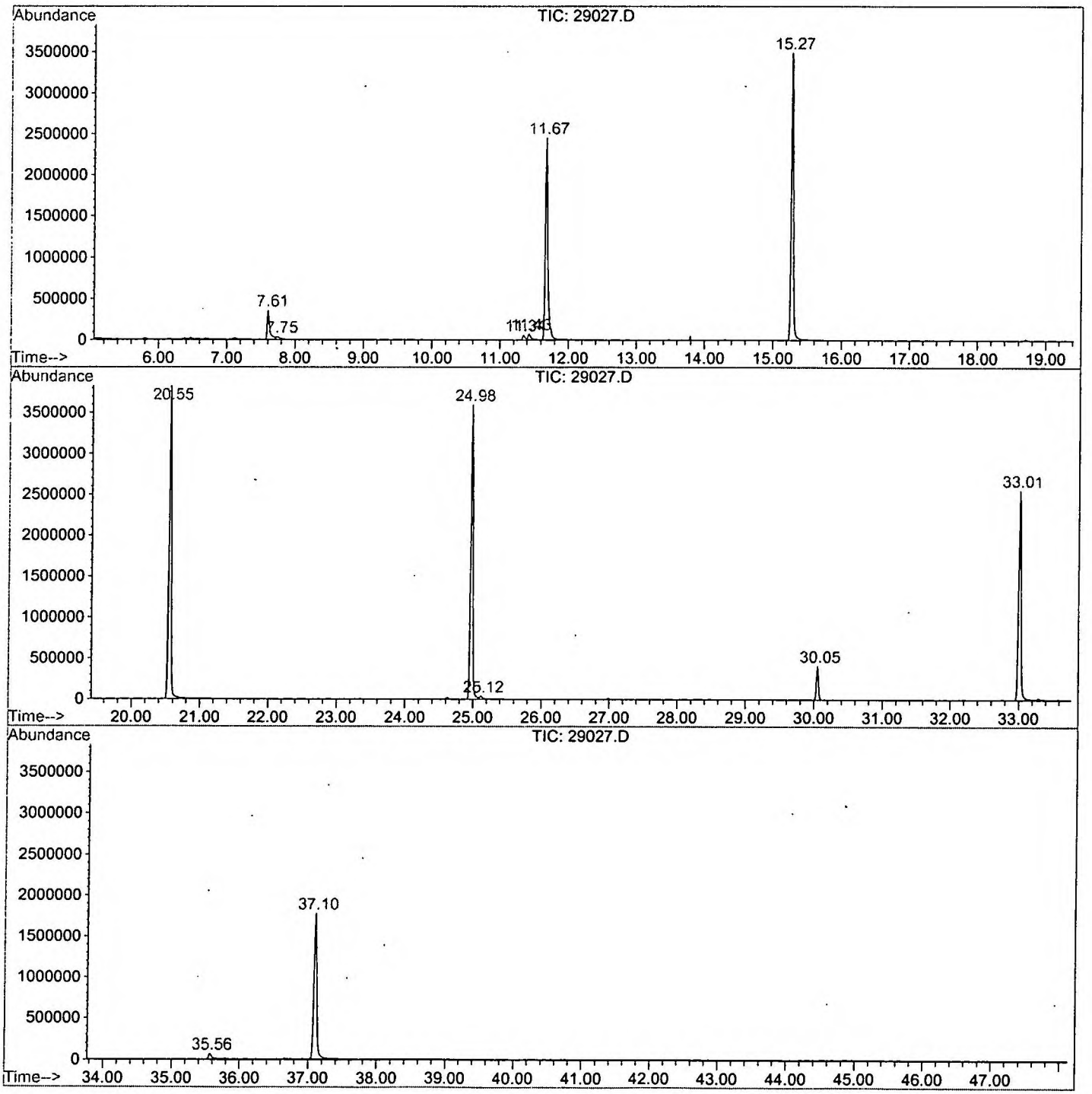
Sum of corrected areas: 44242730

29027.D GCMS1126.M Wed Dec 12 15:48:02 2001

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29027.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 3:01 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 28
Quant File :GCMS1126.RES (RTE Integrator)



29027.D GCMS1126.M Wed Dec 12 15:48:08 2001

NYC-WTC_000035937

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

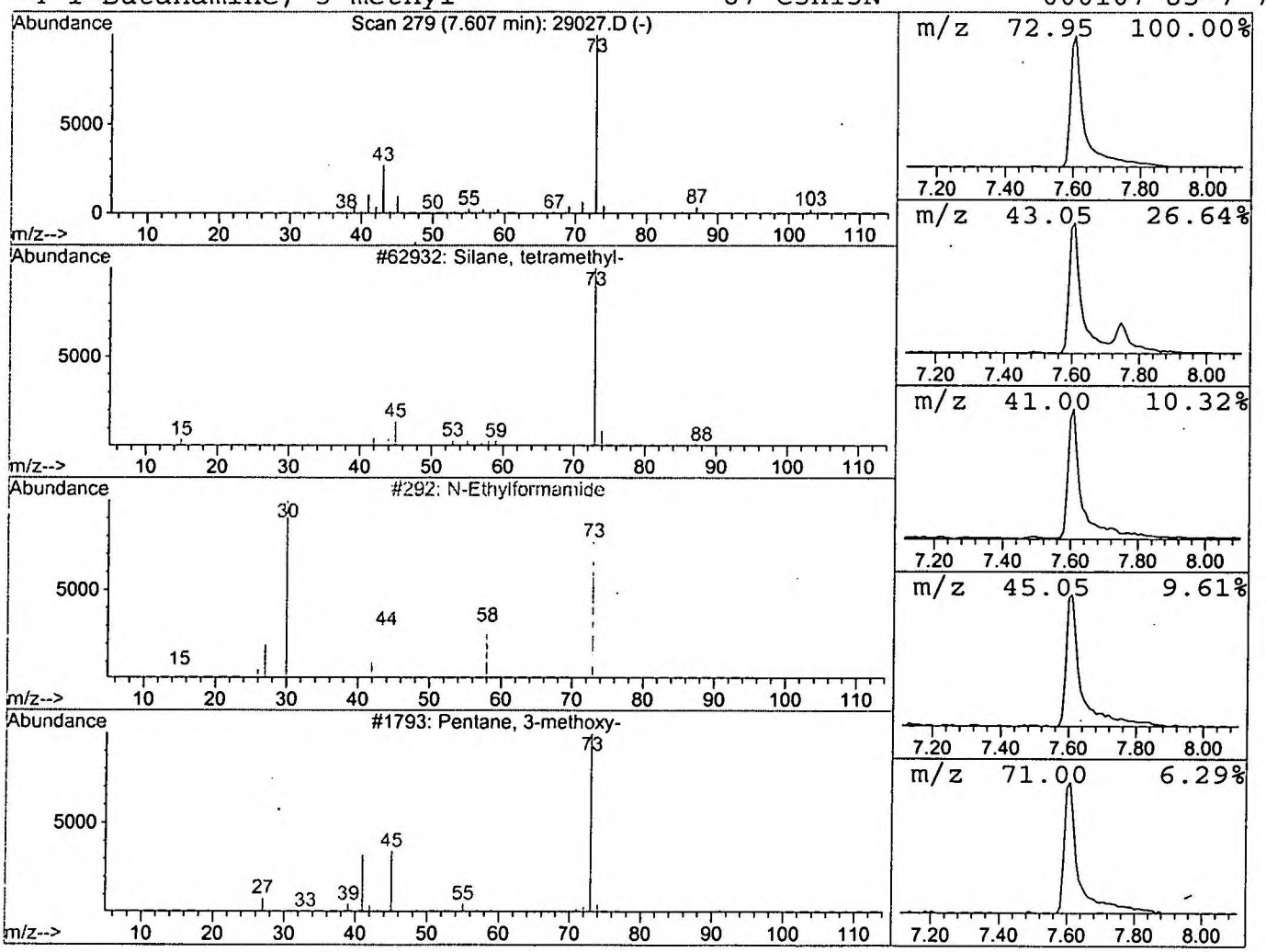
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.96 ug/l	912494	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



NYC-WTC_000035938

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

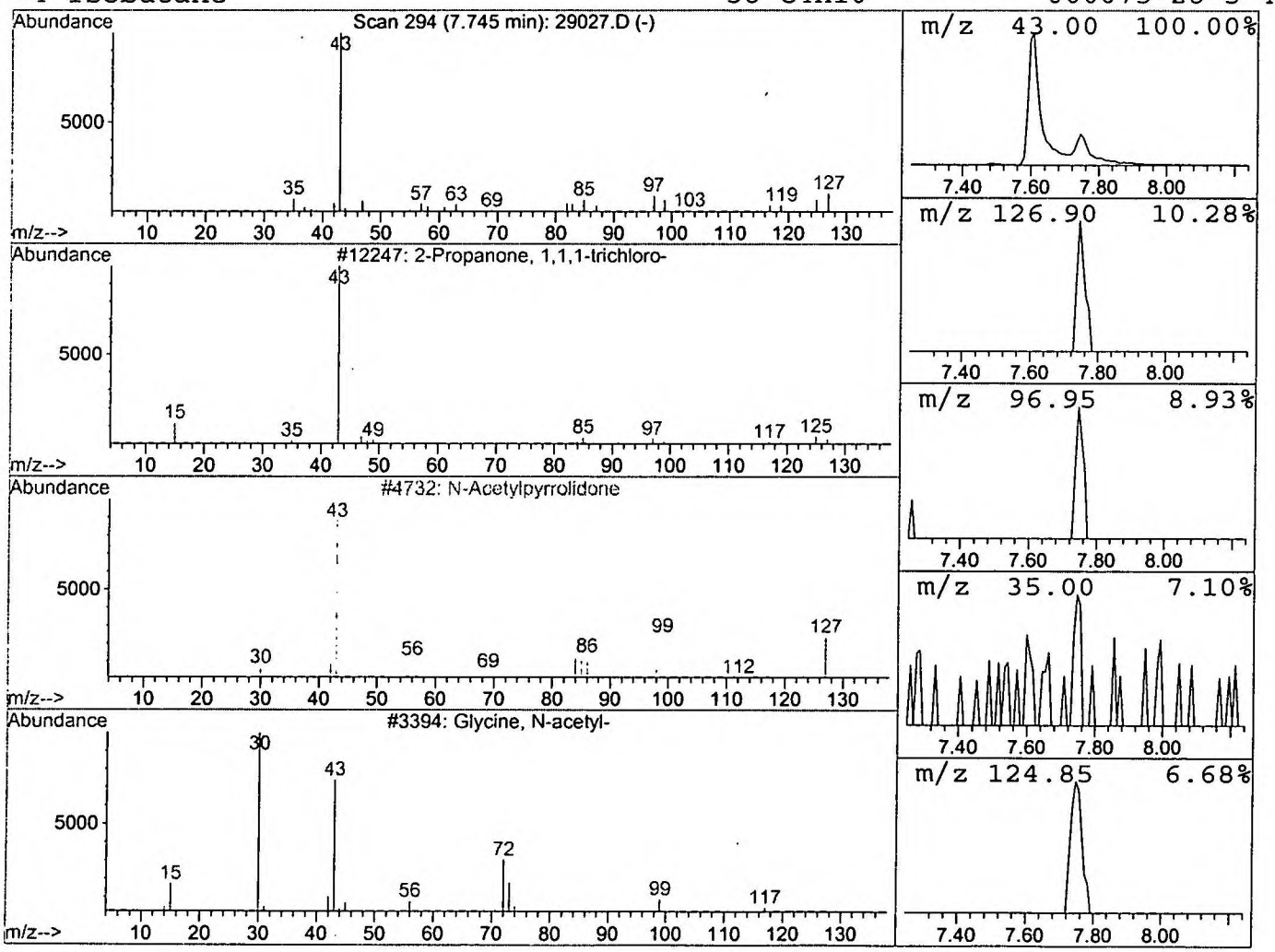
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.47 ug/l	144390	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
3	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	4
4	Isobutane	58	C4H10	000075-28-5	4



NYC-WTC_000035939

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D
Acq On : 11 Dec 2001 3:01 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

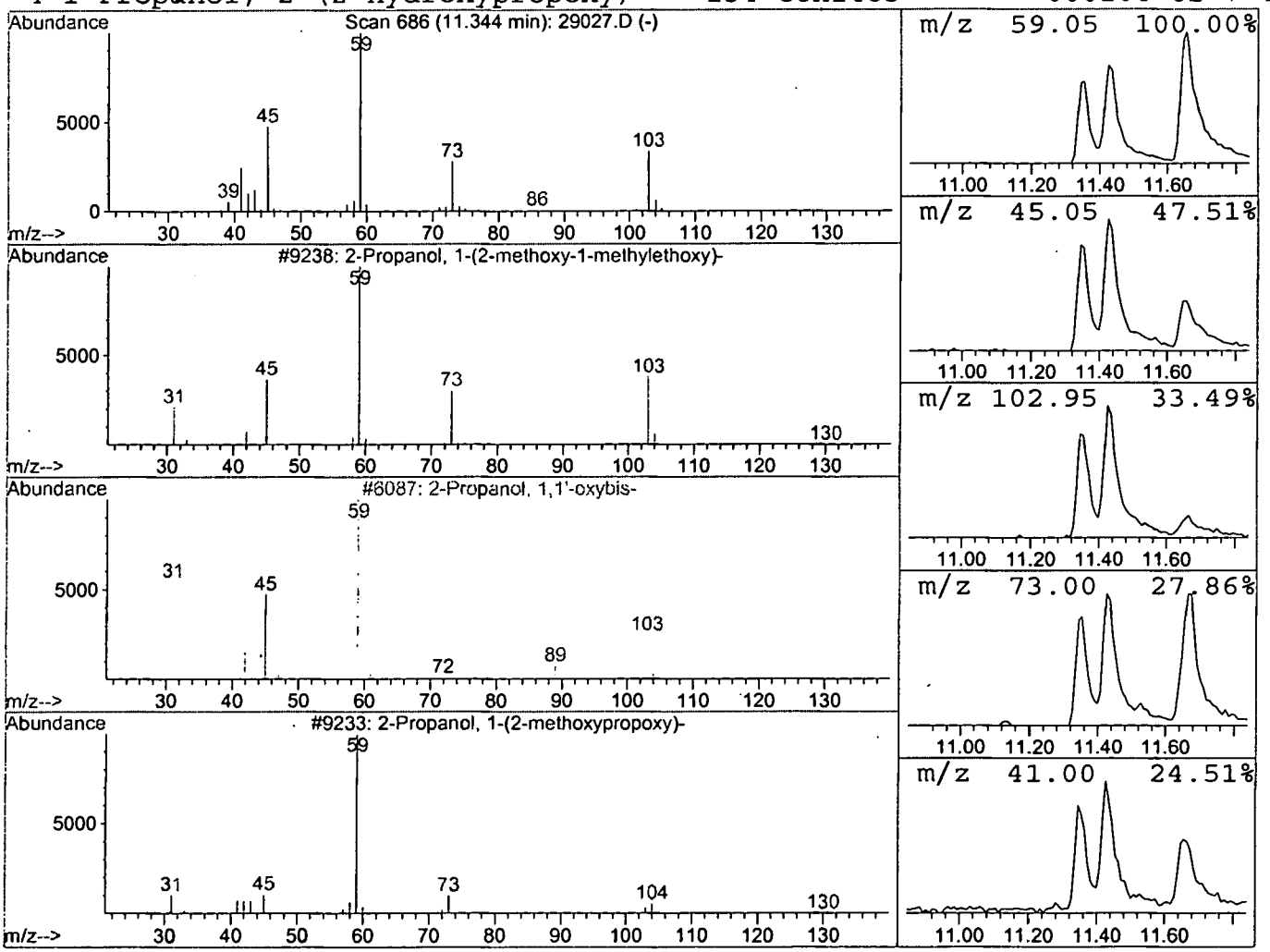
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.46 ug/l	141179	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



NYC-WTC_000035940

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D Vial: 28
Acq On : 11 Dec 2001 3:01 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

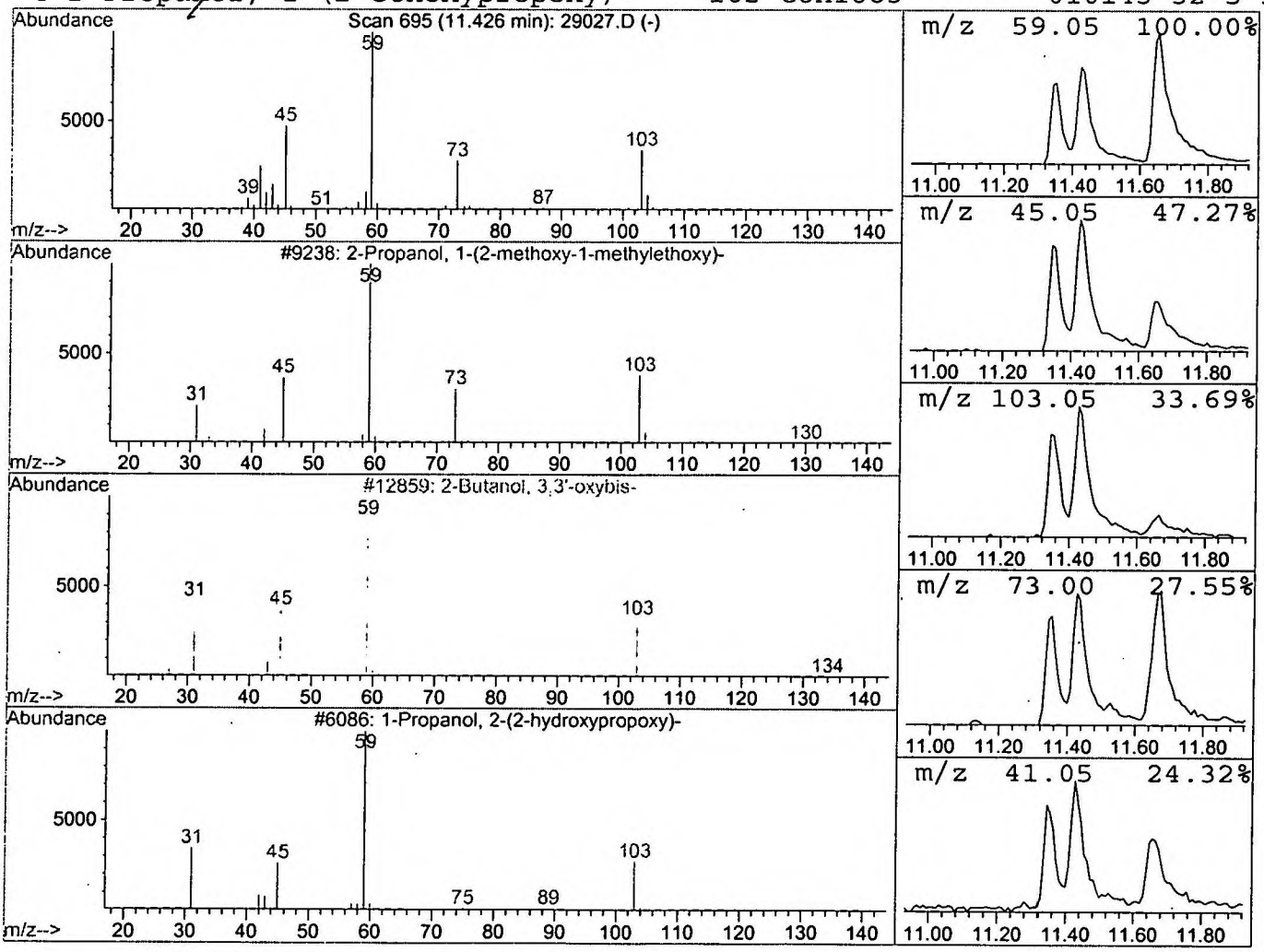
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.57 ug/l	176458	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29027.D
Acq On : 11 Dec 2001 3:01 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

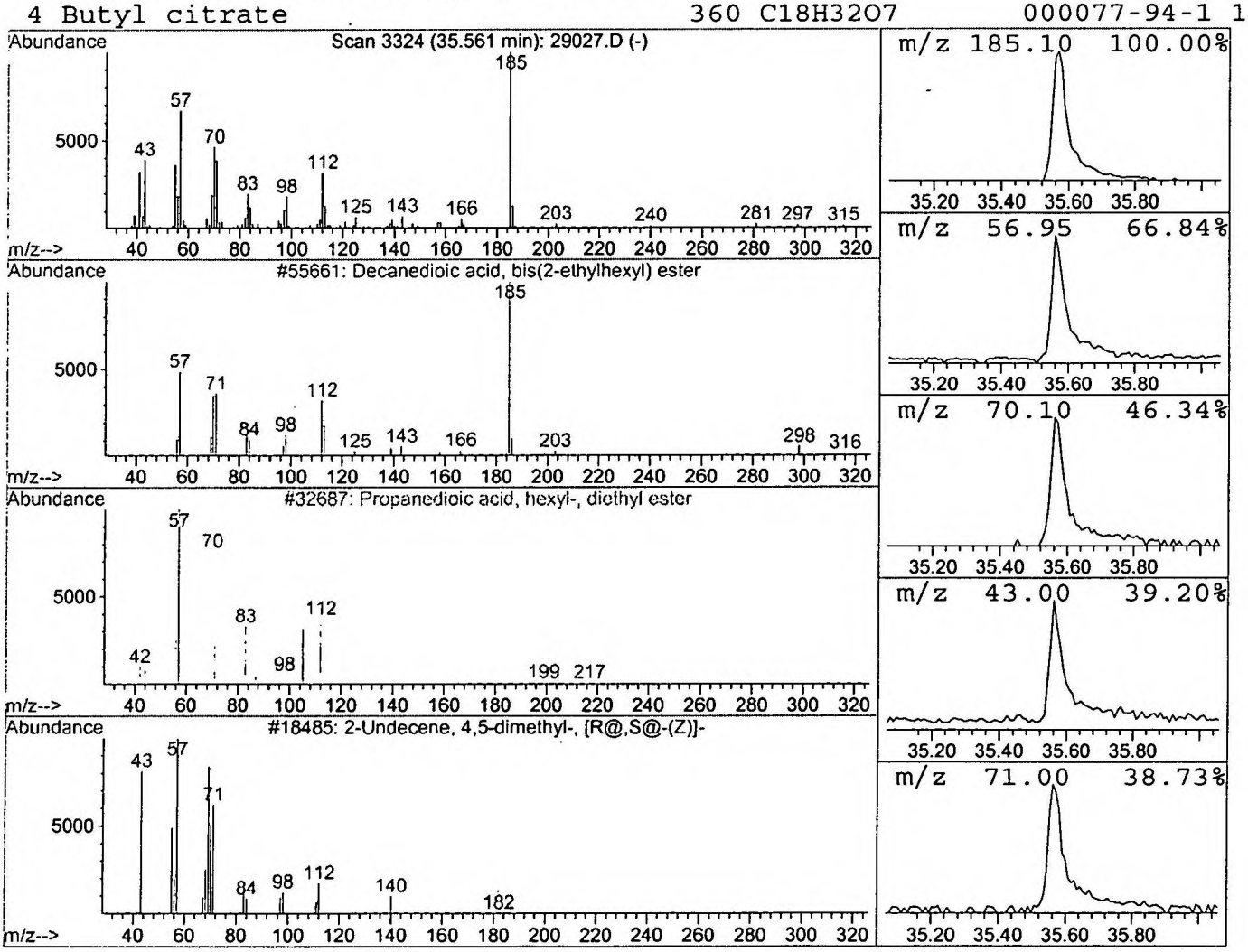
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Decanedioic acid, bis(2-ethylh Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.56	0.92 ug/l	231335	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	86
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
3	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	12
4	Butyl citrate	360	C18H32O7	000077-94-1	12



NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 3:01 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29027.D
Name: gc/ms scan 11/30a
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
Silane, tetramethyl-	7.61	3.0	ug/l	912494	ISTD01	11.67	6156990	20.0
2-Propanone, 1,1,1-t	7.75	0.5	ug/l	144390	ISTD01	11.67	6156990	20.0
2-Propanol, 1-(2-met	11.34	0.5	ug/l	141179	ISTD01	11.67	6156990	20.0
2-Propanol, 1-(2-met	11.43	0.6	ug/l	176458	ISTD01	11.67	6156990	20.0
Decanedioic acid, bi	35.56	0.9	ug/l	231335	ISTD06	37.10	5002410	20.0

29027.D GCMS1126.M Wed Dec 12 15:48:38 2001